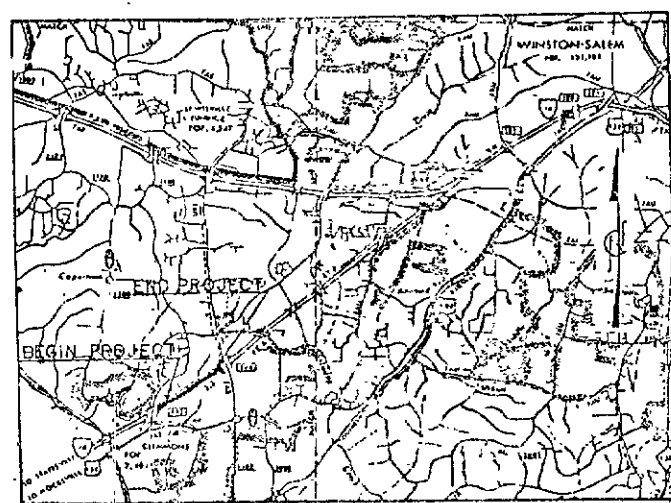


576

I-0911B

PROJECT: 8.1610403

See Sheet I-A For Index of Sheets  
See Sheet I-B For Conventional Symbols



VICINITY MAP SHOWING LOCATION  
OF STATE PROJECT 8.1610403

PRESENTED FOR  
REGISTRATION  
AND RECORDED  
96 DEC 20 P4:53

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

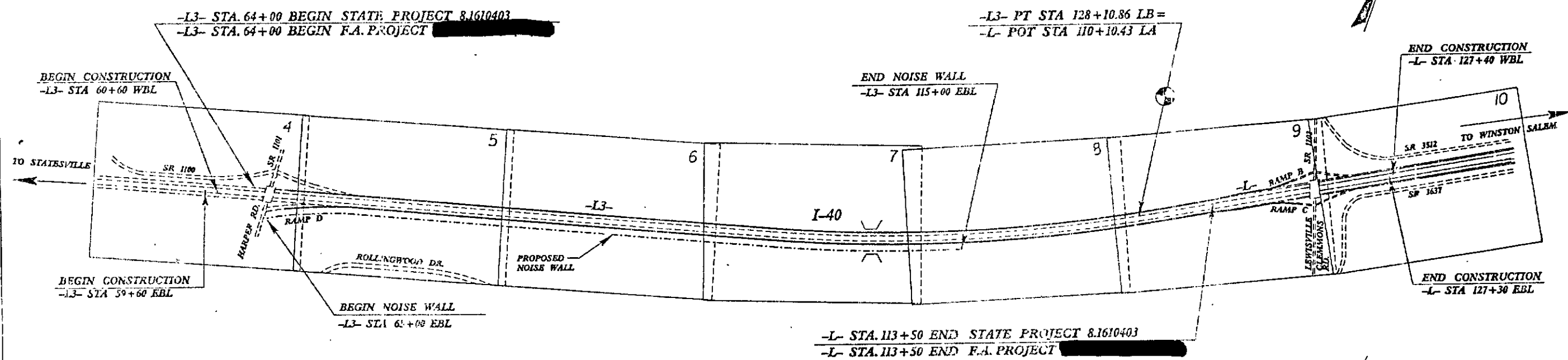
**FORSYTH COUNTY**

Dickie C. Wood  
Register of Deeds  
Forsyth Co. N.C.

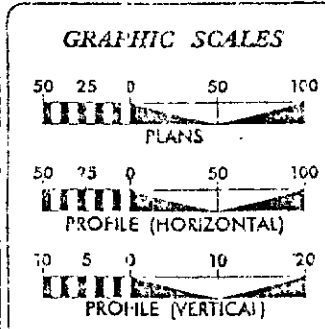
LOCATION: CLEMMONS - I-40 FROM WEST OF SR 1101  
TO 0.15 MILE WEST OF SR 1103

TYPE OF WORK: WIDENING, RESURFACING, RUBBLIZATION,  
PAVING, GRADING, DRAINAGE, CULVERT EXTENSION,  
LONGLIFE PAVEMENT MARKING, PAVEMENT MARKERS,  
SIGNING, AND NOISE WALL

| STATE             | STATE PROJECT NUMBER | SHEET       | TOTAL SHEETS |
|-------------------|----------------------|-------------|--------------|
| N.C.              | I-0911B              | 1           | 99           |
| STATE PROJECT NO. | 8.1610403            | PROJECT NO. | R.W.         |



NOTE: THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES.



DESIGN DATA

|            |        |
|------------|--------|
| ADT 1996 = | 43,000 |
| ADT 2016 = | 88,600 |
| DHV =      | 10%    |
| D =        | 60%    |
| T =        | 20%    |
| V =        | 60 MPH |

PROJECT LENGTH

|                                      |             |
|--------------------------------------|-------------|
| LENGTH ROADWAY F.A. PROJECT          | 1.278 MILES |
| TOTAL LENGTH STATE PROJECT 8.1610403 | 1.278 MILES |

Prepared In the Office of:

DIVISION OF HIGHWAYS

1995 STANDARD SPECIFICATIONS

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| RIGHT OF WAY DATE:<br>MAY 10, 1995 | JAY A. BENNETT, PE<br>PROJECT ENGINEER         |
| LETTING DATE:<br>NOVEMBER 19, 1996 | LISA W. SHAPIRO, PE<br>PROJECT DESIGN ENGINEER |

INTEGRITY ENGINEER

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

10-AUG-1996 10:58  
/usr/rdy/109110/1911b.tbl  
08-10-96

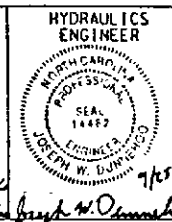
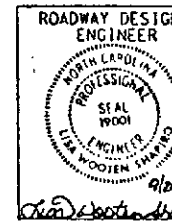
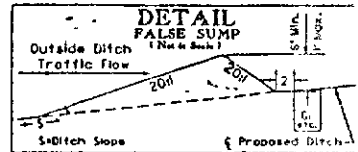
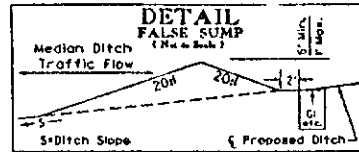
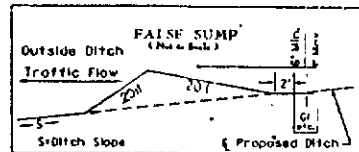
| ROAD NUMBER | PROJECT NO. |
|-------------|-------------|
| I-40        | 8.1610403   |
| SR 1100     | SR 1103     |
| SR 1101     | SR 3512     |
| SR 3637     |             |

DEPARTMENT OF TRANSPORTATION

Custodian of Minutes of Board of Transportation

STATE OF NORTH CAROLINA - COUNTY OF WAKE

I, Ross C. Gode, do hereby certify that this is a true and correct copy of Plan Sheet 1 of the final plans for Project 8.1610403, identified as Appendum 8 to the minutes on file in my office of the 6 day of December 19 96. Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this the 16 day of December, 1996.



| PROJ. REFERENCE NO. | SHEET NO.      | TOTAL SHEETS |
|---------------------|----------------|--------------|
| I-0911B             | 4              |              |
| STATE PROJ. NO.     | F.A. PROJ. NO. | DESCRIPTION  |
|                     |                |              |

PRESENTED FOR  
REGISTRATION  
AND RECORDED

96 DEC 20 P4:13

Dickie C. Wood

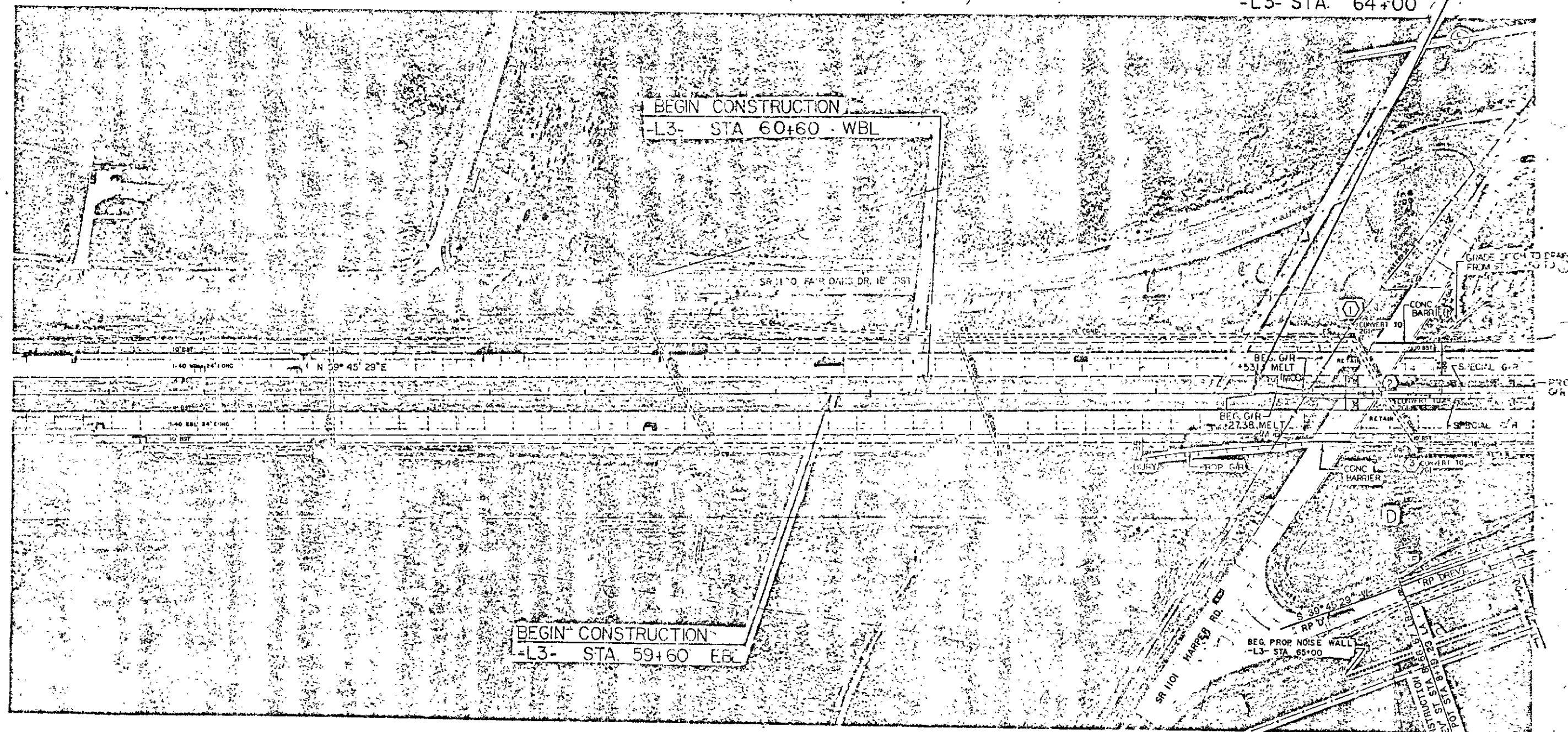
*Handwritten:* Kew  
Dobbs

DEPARTMENT OF TRANSPORTATION

*Handwritten:* Mary Jane  
Custodian of Minutes of Board of Transportation

577

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
I, Dora Gracie, do hereby certify that this is a true and correct copy  
of Plan Sheet 4 of the final plans for Project 8/160403, identified as  
Addendum 8 to the minutes on file in my office of the 6 day of December  
1996, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set  
my hand this the 16 day of December, 1996.



**-RAMP 'D'-**

|                    |                         |                    |
|--------------------|-------------------------|--------------------|
| PI Sta 1+33.37     | PI Sta 3+50.55          | PI Sta 5+66.70     |
| CS = 42.00' 00.00" | Δ = 12° 00' 00.00" (LT) | CS = 4° 00' 00.00" |
| LS = 200.00'       | D = 4° 00' 00.00"       | LS = 200.00'       |
| PC = 1,432.3915'   | L = 300.00'             | PC = 1,432.3945'   |
| DC = 4° 00' 00.00" | R = 150.55'             | DC = 4° 00' 00.00" |
| YS = 4.65'         | SC Sta 2+00.00          | YS = 4.65'         |
| Xs = 199.50'       | CS Sta 3+00.00          | Xs = 199.90'       |
| F = 1.16           | ST = 66.70'             | P = 1.16           |
| K = 99.99'         | TS Sta 0+00.00          | K = 99.99'         |
| LT = 133.37'       | CS Sta 4+00.00          | LT = 133.37'       |
| ST = 66.70'        | ST Sta 5+00.00          | ST = 66.70'        |
| TS Sta 0+00.00     |                         | CS Sta 6+00.00     |
| CS Sta 2+00.00     |                         | ST Sta 7+00.00     |

**-RAMP 'DREV'-**

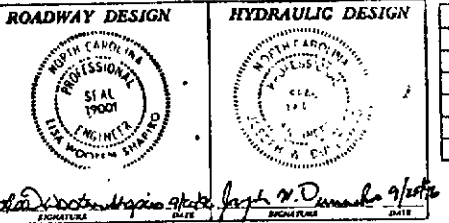
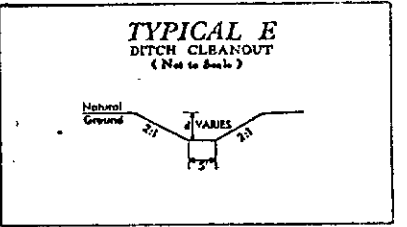
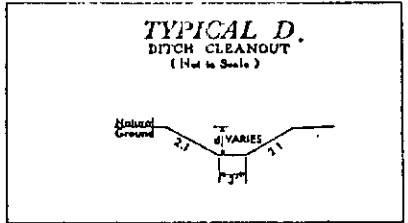
|                    |                         |                    |
|--------------------|-------------------------|--------------------|
| PI Sta 1+33.35     | PI Sta 4+34.50          | PI Sta 7+33.35     |
| CS = 3° 00' 00.00" | Δ = 14° 00' 00.00" (LT) | CS = 3° 00' 00.00" |
| LS = 200.00'       | D = 3° 00' 00.00"       | LS = 200.00'       |
| PC = 1,909.8593'   | L = 466.67'             | PC = 1,909.8593'   |
| DC = 3° 00' 00.00" | T = 234.00'             | DC = 3° 00' 00.00" |
| YS = 3.49'         | R = 1,909.8593'         | YS = 3.49'         |
| Xs = 199.95'       | SC Sta 2+00.00          | Xs = 199.95'       |
| P = 0.87           | CS Sta 6+66.67          | P = 0.87           |
| K = 99.99          | SUPER = .05             | K = 99.99'         |
| LT = 123.35'       |                         | LT = 123.35'       |
| ST = 66.66'        |                         | ST = 66.66'        |
| TS Sta 0+00.00     |                         | CS Sta 8+66.67     |
| CS Sta 2+00.00     |                         | ST Sta 8+66.67     |

NOTE: SEE PLAN SHEET 4 FOR  
BAL AND VERTICAL PROFILE

☒ PAVED SHOULDER

NOTE: SEE PLAN SHEET 4 FOR  
RP DREV PROFILE

NOTE: SEE SHEET 4 FOR  
SPECIAL & R DETAIL



|                     |                 |              |
|---------------------|-----------------|--------------|
| PROJ. REFERENCE NO. | SHEET NO.       | TOTAL SHEETS |
| 1-0911B             | 5               |              |
| STATE PROJ. NO.     | F. A. PROJ. NO. | DESCRIPTION  |
|                     |                 |              |
|                     |                 |              |
|                     |                 |              |

PRESENTED FOR  
REGISTRATION  
AND RECORDED

578

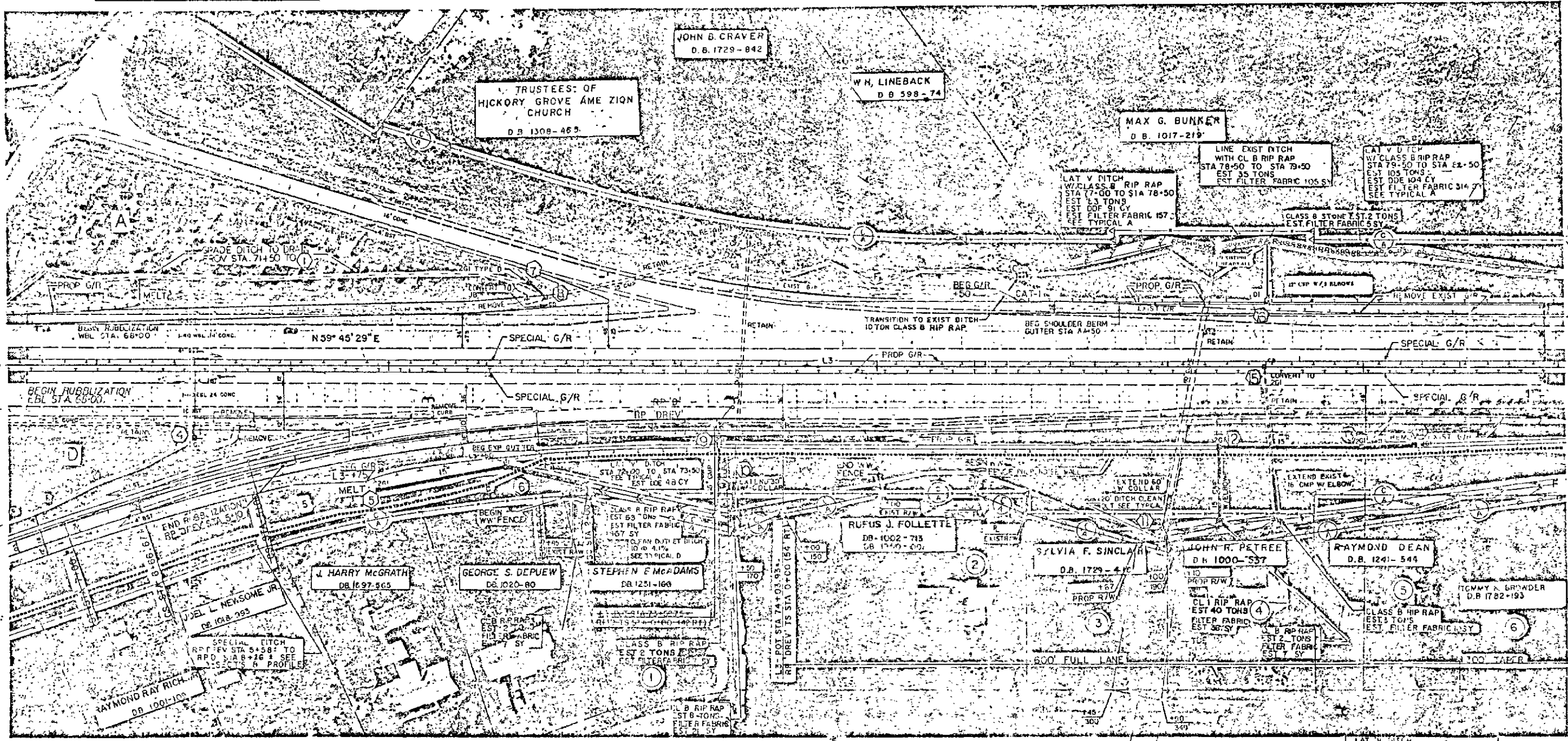
'96 DEC 20 P4:53

Dickie C. Wood

*Handwritten signature*

DEPARTMENT OF TRANSPORTATION

Custodian of Minutes of Board of Transportation

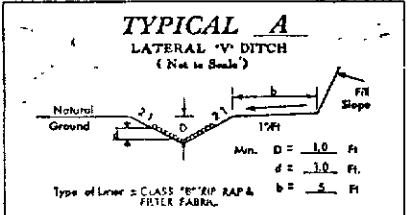


-RAMP 'DREV'-

|                    |                         |                    |
|--------------------|-------------------------|--------------------|
| PI Sta 1+33.35     | PI Sta 4+34.50          | PI Sta 7+33.35     |
| CS = 3' 00' 00.00" | Δ = 14' 00' 00.00" (LT) | CS = 3' 00' 00.00" |
| LS = 230.00'       | D = 3' 00' 00.00"       | LS = 200.00'       |
| Rc = 1,909.8593'   | L = 465.67'             | Rc = 1,909.8593'   |
| Dc = 3' 00' 00.00" | T = 234.50'             | Dc = 3' 00' 00.00" |
| Ys = 3.49'         | R = 1,809.8593'         | Ys = 3.49'         |
| Xs = 199.95'       | SC Sta 2+00.00          | Xs = 199.95'       |
| P = 0.37'          | CS Sta 6+66.67          | P = 0.37'          |
| K = 99.99'         | SUFCH = .05             | K = 99.99'         |
| LT = 113.35'       |                         | LT = 133.35'       |
| ST = 66.66'        |                         | ST = 66.66'        |
| TS Sta 0+00.00     |                         | TS Sta 6+06.67     |
| SC Sta 2+00.00     |                         | ST Sta 8+66.67     |

-RAMP 'D'-

|                    |                         |                    |
|--------------------|-------------------------|--------------------|
| PI Sta 1+39.37     | PI Sta 3+50.55          | PI Sta 5+56.70     |
| CS = 4' 00' 00.00" | Δ = 12' 00' 00.00" (LT) | CS = 4' 00' 00.00" |
| LS = 200.00'       | D = 4' 00' 00.00"       | LS = 200.00'       |
| Rc = 1,432.3945'   | L = 300.00'             | Rc = 1,432.3945'   |
| Dc = 4' 00' 00.00" | T = 150.55'             | Dc = 4' 00' 00.00" |
| Ys = 4.65'         | R = 1,432.3945'         | Ys = 4.65'         |
| Xs = 199.90'       | SC Sta 2+00.00          | Xs = 199.90'       |
| P = 1.16'          | CS Sta 5+00.00          | P = 1.16'          |
| K = 99.93'         |                         | K = 99.93'         |
| LT = 133.37'       |                         | LT = 133.37'       |
| ST = 66.70'        |                         | ST = 66.70'        |
| TS Sta 1+00.00     |                         | TS Sta 5+00.00     |
| SC Sta 2+00.00     |                         | ST Sta 7+00.00     |



NOTE: SEE PLAN SHEET 12 FOR  
REL. AND WBL FUTURE PROFILE

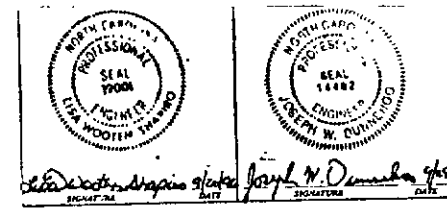
☐ PAVED SHOULDER

NOTE: SEE PLAN SHEET 19 FOR  
REL. AND WBL FUTURE PROFILE

NOTE: SEE SHEET 2-E FOR  
SPECIAL G/R DETAIL

"STATE OF NORTH CAROLINA - COUNTY OF WAKE",  
I, *Dickie C. Wood*, do hereby certify that this is a true and correct copy  
of the final plans for Project 1610403, identified as  
Addendum 8 to the minutes on file in my office of the 16 day of December  
19 96, Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set  
my hand this 16 day of December, 19 96.





| STATE PROJ. NO. | P. A. PROJ. NO. | DESCRIPTION |
|-----------------|-----------------|-------------|
|                 |                 |             |
|                 |                 |             |
|                 |                 |             |

PREPARED FOR  
REGISTRATION  
AND RECORDED

579

'96 DEC 20 P4:53

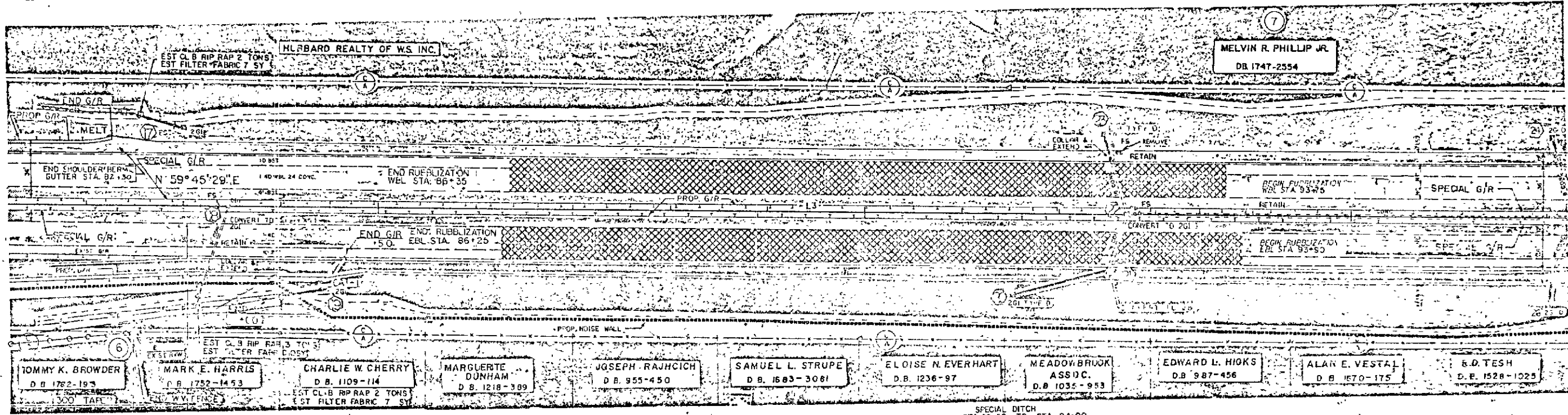
Dickie C. Wood  
Register of  
Forsyth Co.

*Handwritten:* Kneel  
Dorset

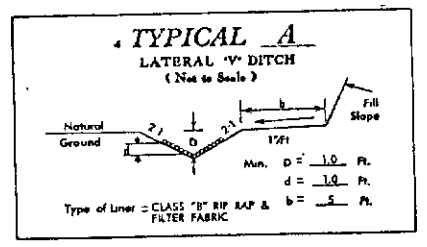
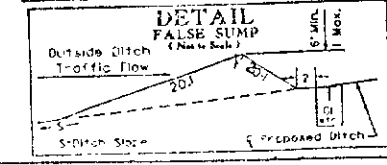
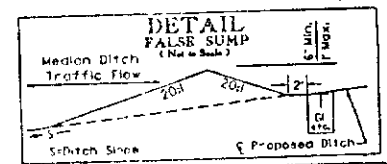
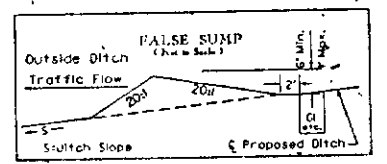
DEPARTMENT OF TRANSPORTATION

*Handwritten:* Mary Blaine  
Custodian of Minutes of Board of Transportation

LAT 'V' DITCH  
STA 79+50 TO STA 82+50  
SEE TYPICAL A  
EST DDE 104 CY  
EST CL B RIP RAP 105 TONS  
EST FILTER FABRIC 314 SY



LAT 'V' DITCH  
STA 84+00 TO STA 84+00  
SEE TYPICAL A  
EST DDE 305 CY  
EST CL B RIP RAP 209 TONS  
EST FILTER FABRIC 628 SY

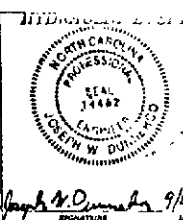


PAVEMENT REMOVAL

NOTE: SEE PLAN SHEET 13  
FOR EBL AND WBL PROFILE

☐ PAVED SHOULDER  
NOTE: SEE SHEET 2-E FOR  
SPECIAL G/R DETAIL

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
*Handwritten:* Rosa Code  
I, Rosa Code, do hereby certify that this is a true and correct copy  
of the final plans for Project 8.1610403, identified as  
Addendum 8 to the minutes on file in my office of the 6 day of December  
1996, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set  
my hand this the 16 day of December, 1996.



| TOTAL SHEETS    |                |
|-----------------|----------------|
| 100             | 7              |
| STATE PROJ. NO. | F.A. PROJ. NO. |
|                 |                |
| DESCRIPTION     |                |
|                 |                |

PROJECTED FOR  
REGISTRATION  
AND RECORDED

'96 DEC 20 P4:53

Dickie C. Wood  
Register of Deeds  
Forsyth Co., NC

*Handwritten signature: Dickie C. Wood*

DEPARTMENT OF TRANSPORTATION

*Handwritten signature: Mary Joade*  
Custodian of Minutes of Board of Transportation

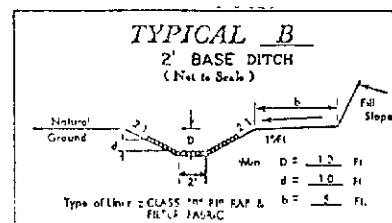
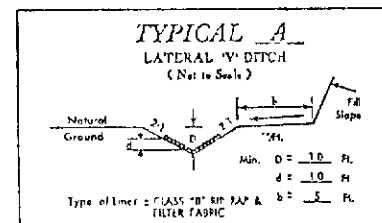
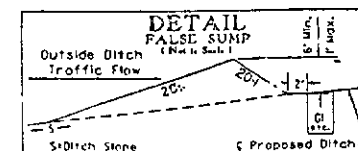
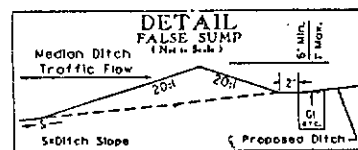
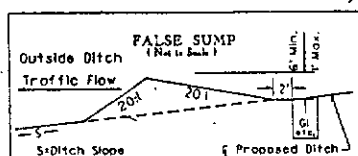
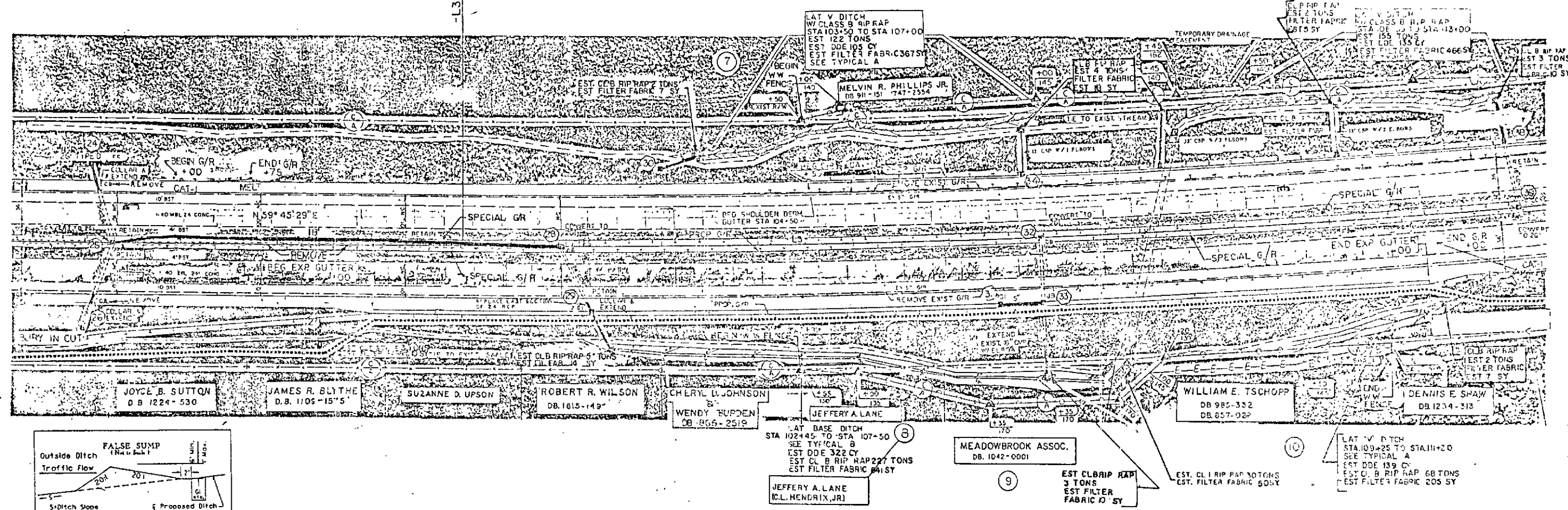
"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
I, *Rae Joade*, do hereby certify that this is a true and correct copy  
of Plan Sheet *77* of the final plans for Project *8-1610403*, identified as  
Addendum *8* to the minutes on file in my office of the *16* day of *December*,  
1996, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set  
my hand this the *16* day of *December*, 1996.

-L3-  
PI STA 114+58.09  
D+13°35'03.0" LT  
D+0°29'59.0"  
L+2718.34  
T+1365.57  
R+11465.5256  
SUPERIOR  
INC+150

100  
-L3- PC 100+92.52

105

110



NOTE: FOR CULVERT EXTENSION  
PLANS, SEE SHEETS C4  
THRU C-9

NOTE: SEE SHEET 2-E FOR  
SPECIAL G/R DETAIL

NOTE: SEE PLAN SHEET 14  
FOR EBL AND WBL PROFILE

☐ PAVED SHOULDER

ROADWAY DESIGN  
  
WILLIAM N. REYNOLDS  
PROFESSIONAL ENGINEER  
14482

HYDRAULIC DESIGN  
  
WILLIAM N. REYNOLDS  
PROFESSIONAL ENGINEER  
14482

| PAGE REFERENCE NO. | SHEET NO.      | TOTAL SHEETS |
|--------------------|----------------|--------------|
| 1-0911B            | 8              |              |
| STATE PROJ. NO.    | F.A. PROJ. NO. | DESCRIPTION  |
|                    |                |              |
|                    |                |              |
|                    |                |              |

PRESENTED FOR  
REGISTRATION  
AND RECORDED

581

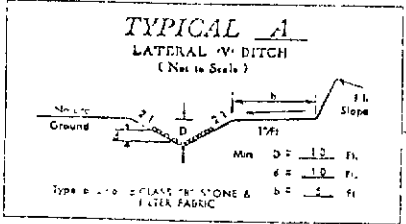
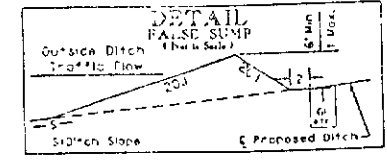
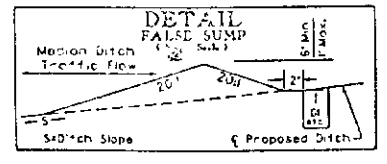
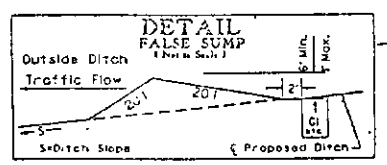
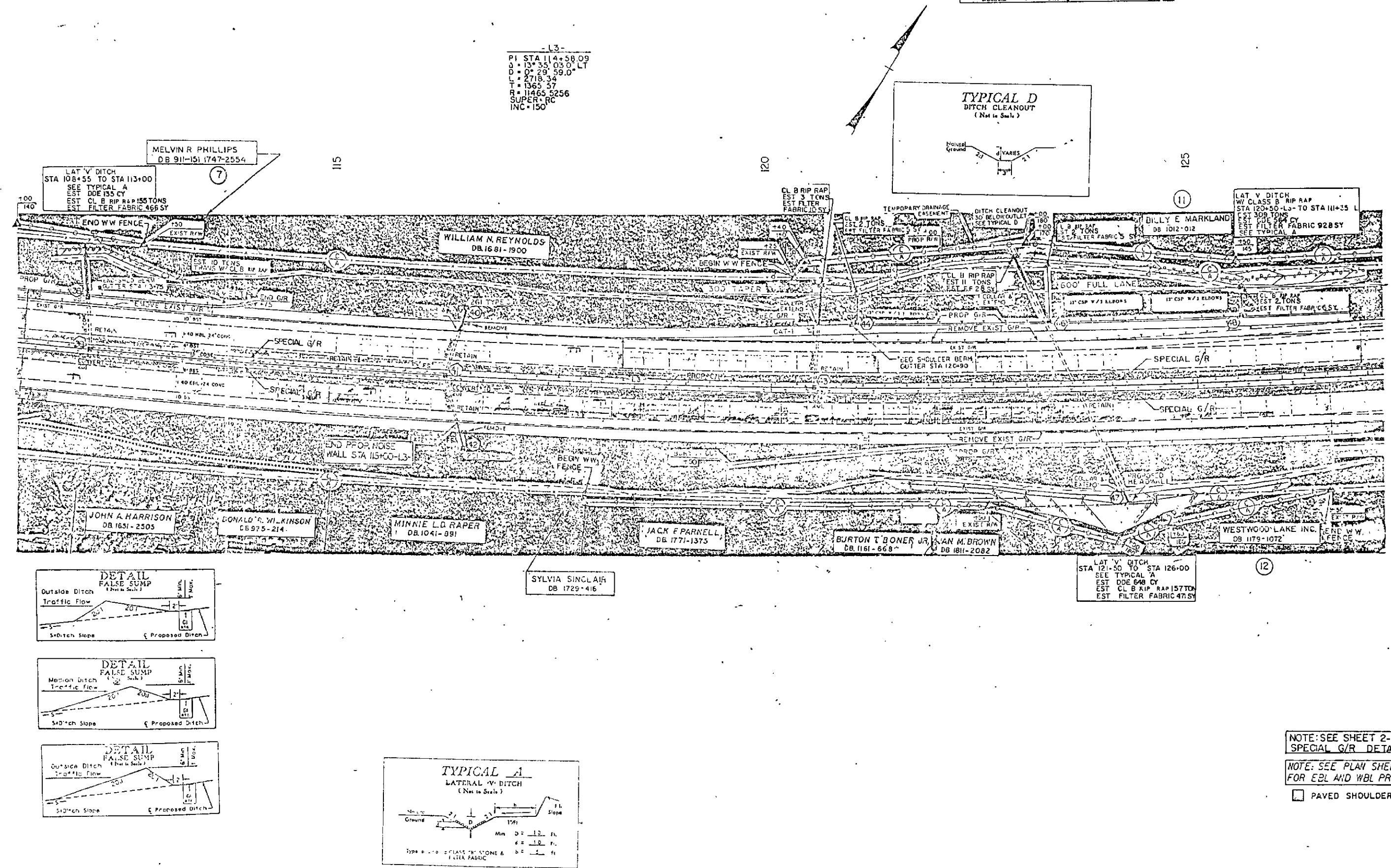
'96 DEC 20 P4:53

Dickie C. Wood  
Register of Deeds  
Forsyth Co. N.C.

*Karl Dodo*

DEPARTMENT OF TRANSPORTATION

Custodian of Minutes of Board of Transportation



NOTE: SEE SHEET 2-E FOR SPECIAL G/R DETAIL

NOTE: SEE PLAN SHEET 15 FOR EBL AND WBL PROFILE

☐ PAVED SHOULDER

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, *Dickie C. Wood*, do hereby certify that this is a true and correct copy of Plan Sheet *8* of the final plans for Project *8-1610403*, identified as Addendum *8* to the minutes on file in my office of the *16* day of *December*, 19*96*. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this *16* day of *December*, 19*96*.

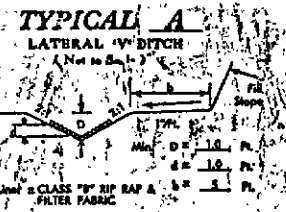


PI STA 114+58.09  
Δ = 15°35'03.0" LT  
D = 279.59.0  
T = 2718.34  
R = 11465.5256  
SUPER = 0.6 FT/FT  
INC = 150

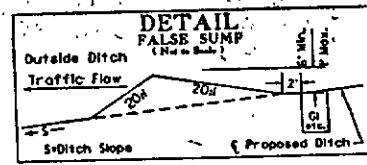
PI STA 133.35  
Δ = 13°00'00" LT  
D = 200.00  
T = 133.35  
ST = 66.68

RAMP BREV  
PI STA 4+31.62  
Δ = 13°49'46.99" LT  
D = 3°00'00"  
L = 460.99  
T = 231.62  
R = 1909.8595  
SUPER = 0.6 FT/FT

PI STA 7+27.67  
Δ = 13°37'32.67" LT  
D = 200.00  
T = 133.35  
ST = 66.68

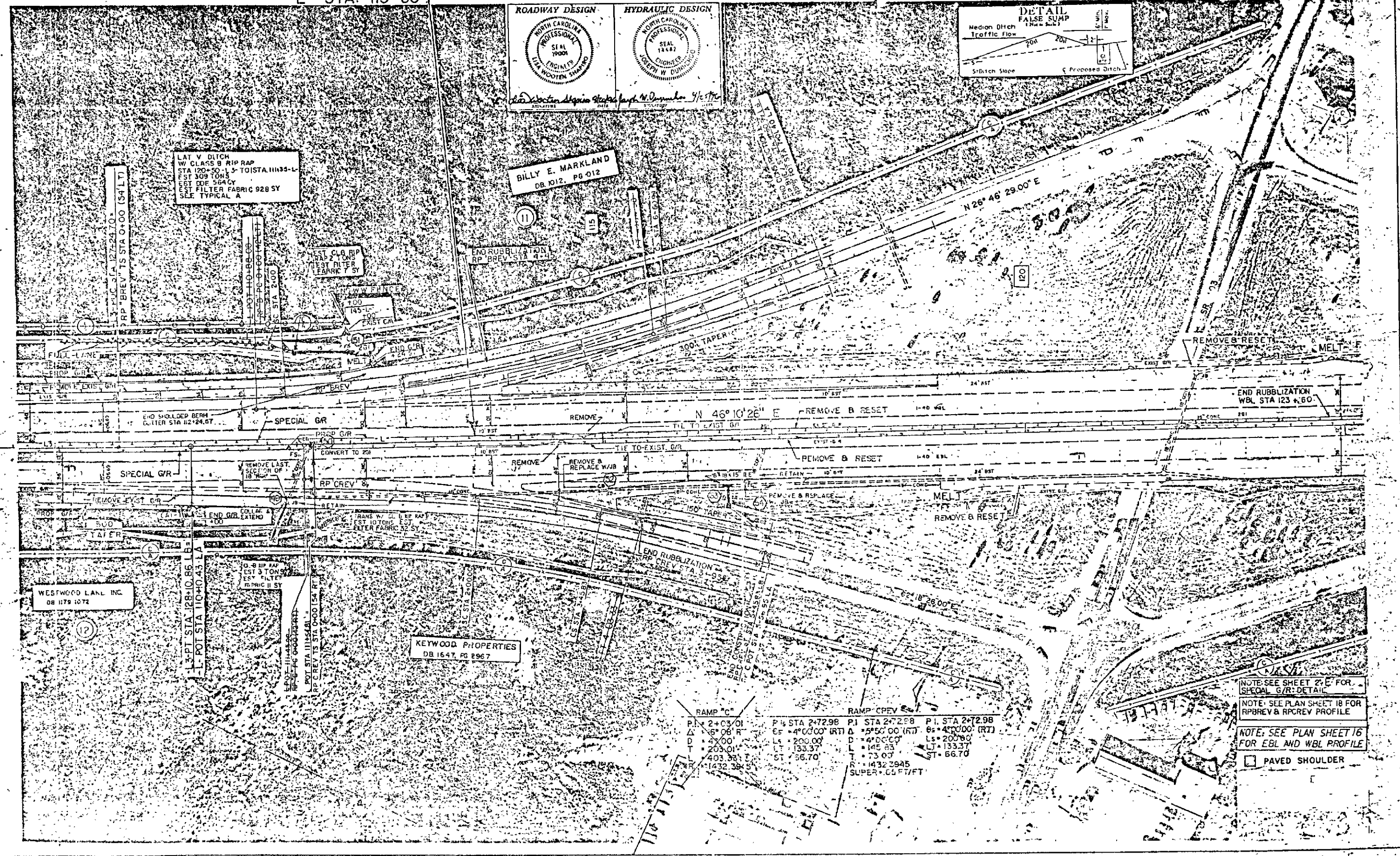
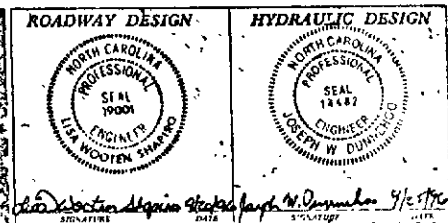


RAMP B  
PI STA 2+44.83  
Δ = 19°23'57" LT  
D = 400.00  
T = 244.83  
L = 484.98  
R = 1432.3945



| PROJ. REFERENCE NO. | SHEET NO.      | TOTAL SHEETS |
|---------------------|----------------|--------------|
| 1-0911B             | 9              |              |
| STATE PROJ. NO.     | F.A. PROJ. NO. | DESCRIPTION  |
|                     |                |              |
|                     |                |              |
|                     |                |              |

END PROJECT 1-0911B  
-L- STA. 113+50



RAMP C  
PI STA 2+03.01  
Δ = 18°08' R  
D = 200.00  
T = 133.35  
ST = 66.70  
R = 1432.3945  
SUPER = 0.6 FT/FT

RAMP CREV  
PI STA 2+72.98  
Δ = 18°08' R  
D = 200.00  
T = 133.35  
ST = 66.70  
R = 1432.3945  
SUPER = 0.6 FT/FT

PI STA 2+72.98  
Δ = 18°08' R  
D = 200.00  
T = 133.35  
ST = 66.70  
R = 1432.3945  
SUPER = 0.6 FT/FT

NOTE: SEE SHEET 21E FOR SPECIAL G/R DETAIL  
NOTE: SEE PLAN SHEET 18 FOR RPBREV & RPBREV PROFILE  
NOTE: SEE PLAN SHEET 16 FOR EBL AND WBL PROFILE  
PAVED SHOULDER

PRESENTED FOR  
REGISTRATION  
AND RECORDED

'96 DEC 20 P4:53

Dickie C. Wood  
Register of Deeds  
Forsyth Co., NC

DEPARTMENT OF TRANSPORTATION  
Custodian of Minutes of Board of Transportation

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
I, Betsy Gode, do hereby certify that this is a true and correct copy  
of Plan Sheet 9 of the final plans for Project 61610403, identified as  
Addendum 8 to the minutes on file in my office of the 6 day of December  
1996, Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set  
my hand this the 16 day of December, 1996.





PI STA 158+31.21  
Δ = 01° 20' 38.4" RT  
D = 20715.00'  
T = 258.81'  
L = 537.60'  
R = 22918.312'

| PROJ. REFERENCE NO. | SHEET NO.      | TOTAL SHEETS |
|---------------------|----------------|--------------|
| F-0911B             | 10             |              |
| STATE PROJ. NO.     | F.A. PROJ. NO. | DESCRIPTION  |
|                     |                |              |
|                     |                |              |
|                     |                |              |

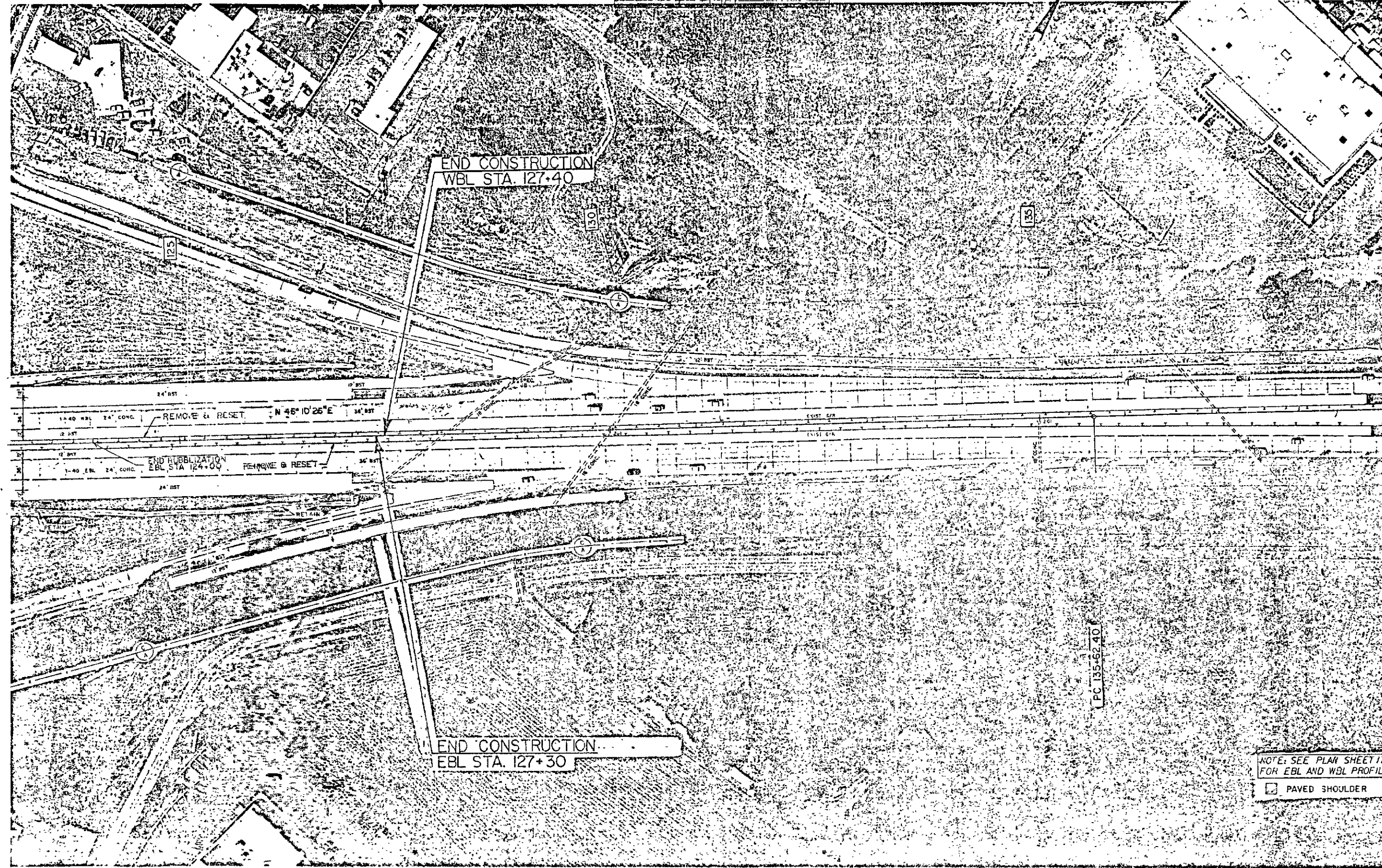
PRESENTED FOR  
REGISTRATION  
AND RECORDED

'96 DEC 20 P4:53

Dickie C. Wood  
Register of Deeds  
Forsyth Co. N.C.

DEPARTMENT OF TRANSPORTATION

Custodian of Minutes of Board of Transportation



"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
I, Dickie C. Wood, do hereby certify that this is a true and correct copy  
of Plan Sheet 10 of the final plans for Project F-0911B, identified as  
Addendum 8 to the minutes on file in my office of the 16 day of December  
19 96. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set  
my hand this the 16 day of December, 19 96.



|                       |                 |                |             |
|-----------------------|-----------------|----------------|-------------|
| PROJECT REFERENCE NO. | STATE PROJ. NO. | F.A. PROJ. NO. | DESCRIPTION |
| 8-2622601             | 4               |                |             |

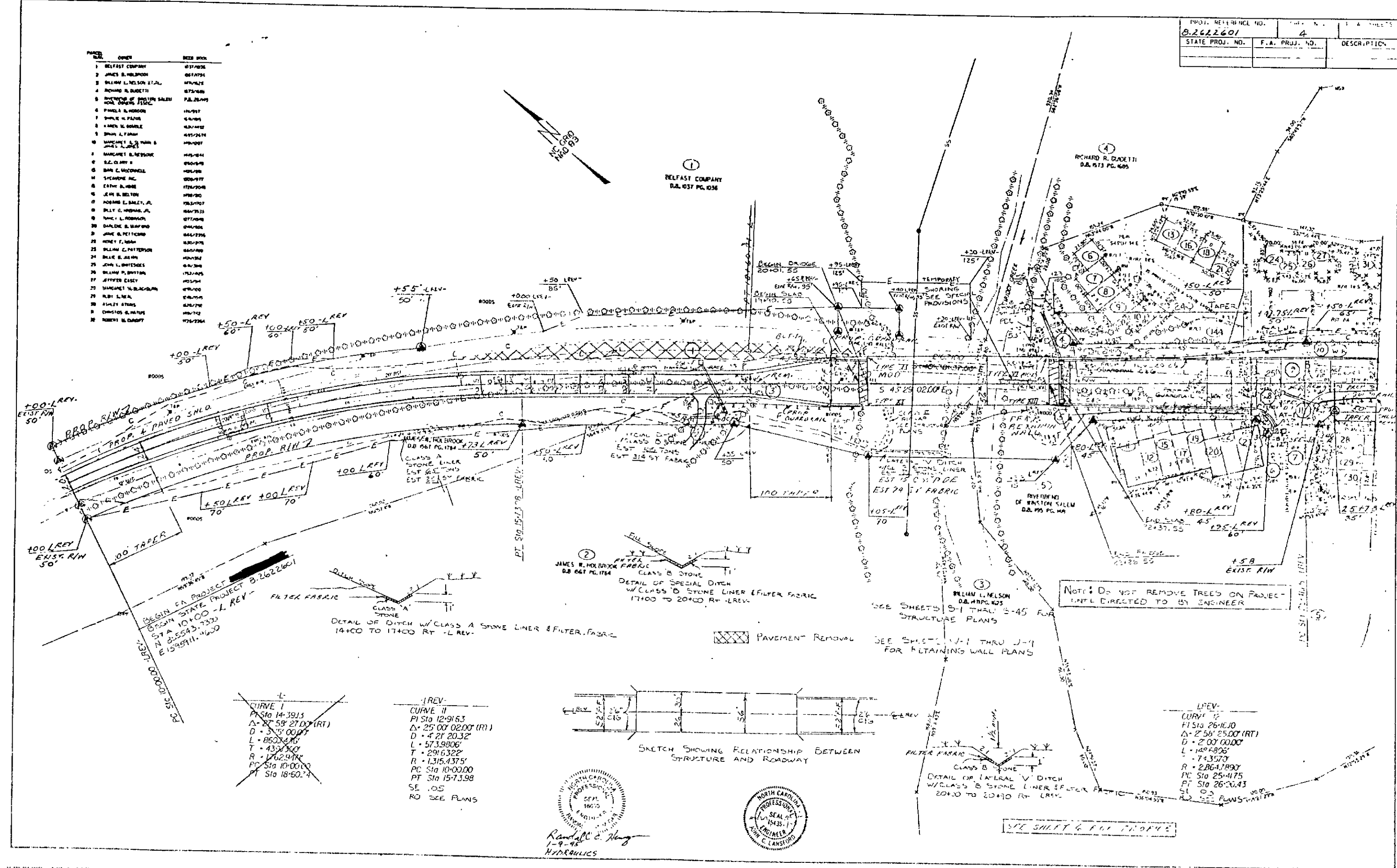
PRESENTED FOR  
REGISTRATION  
AND RECORDED

97 FEB 17 AM 1:43

Dickie C. Wood  
Register of Deeds  
Forsyth Co. N.C.  
*Keen*

584

DEPARTMENT OF TRANSPORTATION  
*Boyd*  
Custodian of Minutes of Board of Transportation



"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
I, *Rosa Gode*, do hereby certify that this is a true and correct copy of revised Plan Sheet *4* of the final plans for Project *8-2622601*, said revised plan sheet having been approved and adopted by the Board of Transportation as Addendum *13* to the minutes on file in my office of the *7* day of *February*, 19*97*, Board of Transportation meeting in February, 19*97*. WHEREOF, I have hereunto set my hand this *17* day of *February*, 19*97*.

PRESENTED FOR  
REGISTRATION  
AND RECORDED

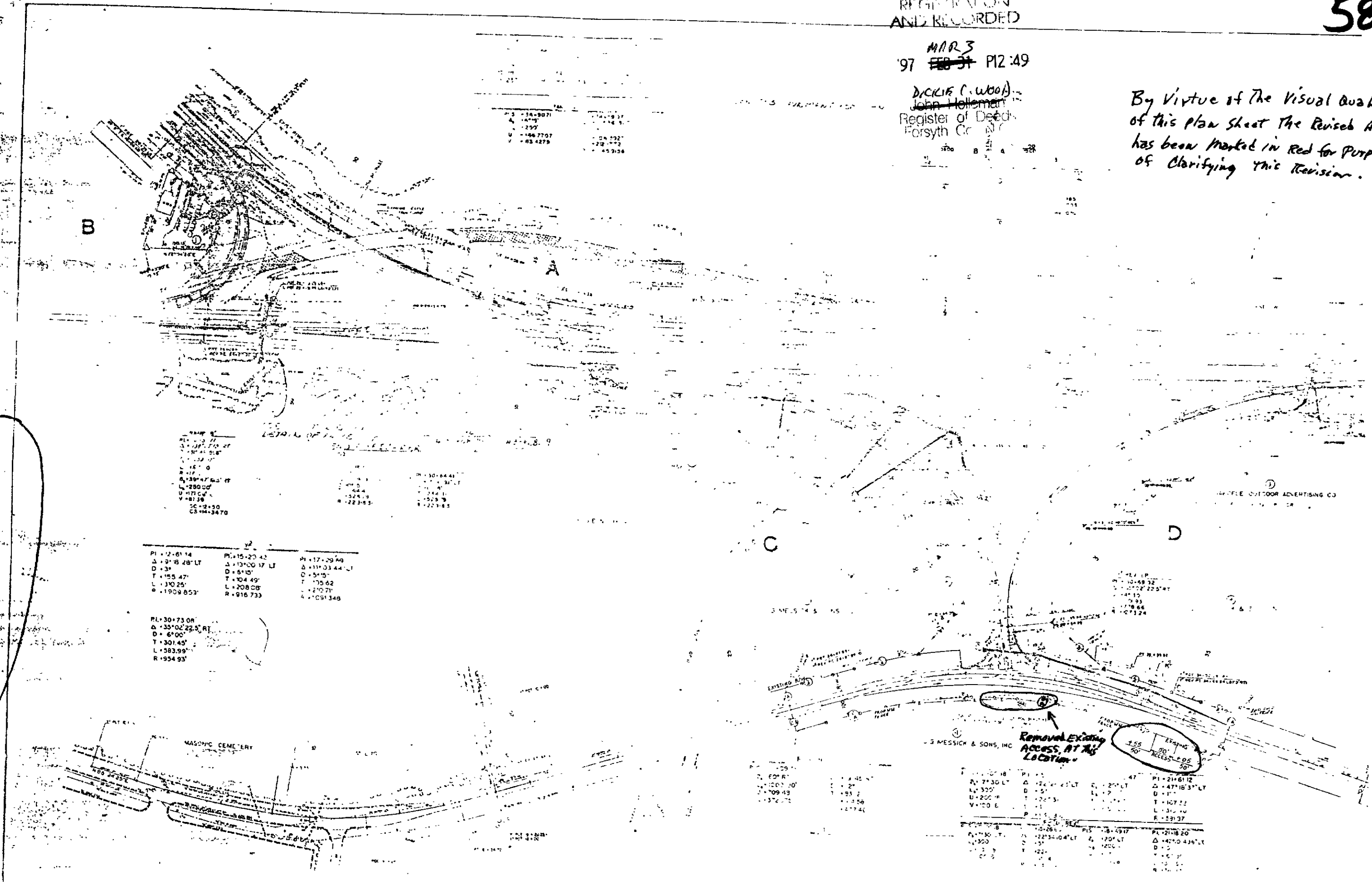
585

MAR 3  
'97 ~~FEB 3~~ P12:49

DICKIE C. WOOD  
John Holloman  
Register of Deeds  
Forsyth Co. NC

By Virtue of The Visual Quality  
of this plan sheet The Revised Area  
has been Marked in Red for Purposes  
of Clarifying This Revision.

DEPARTMENT OF TRANSPORTATION  
Custodian of Minutes of Board of Transportation



I, Rory Code, "STATE OF NORTH CAROLINA - COUNTY OF WAKE", do hereby certify that this is a true and correct copy of revised Plan Sheet 10 of the final plans for Project 8.162.0904, said revised plan sheet having been approved and adopted by the Board of Transportation, and identified as Addendum 23 to the minutes on file in my office of the 10 day of January, 1997. Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of January, 1997.