

357

[illegible]

**ROAD NUMBER**

**PROJECT NO.**

|             |              |                                                                                                                                                                                             |
|-------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROJECT NO. | 8-1620402    | T-40, WESTGATE DR, TERRA VISTA CT,<br>US 158 (STRATFORD RD) WOODBORTH RD,<br>SILAS CREEK PARKWAY CONNECTOR,<br><del>BURKE MILL RD, SR 3011</del><br>MARTIN ST, WEATHERWOOD CT, FAIRFIELD RD |
|             |              | BRIERWOOD ST, SE06 E WOOD ST,<br>NC 150 (PETERS CREEK PARKWAY),<br>SR 2901 (BURKE MILL RD), SR 3011,<br>SR 2902 (EBERT RD), SR 1528,<br>SR 2973 (SR 2911 ST), SR 2972 (GRIFFITH RD)         |
|             | INDIANI ROAD |                                                                                                                                                                                             |

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

# FORSYTH COUNTY

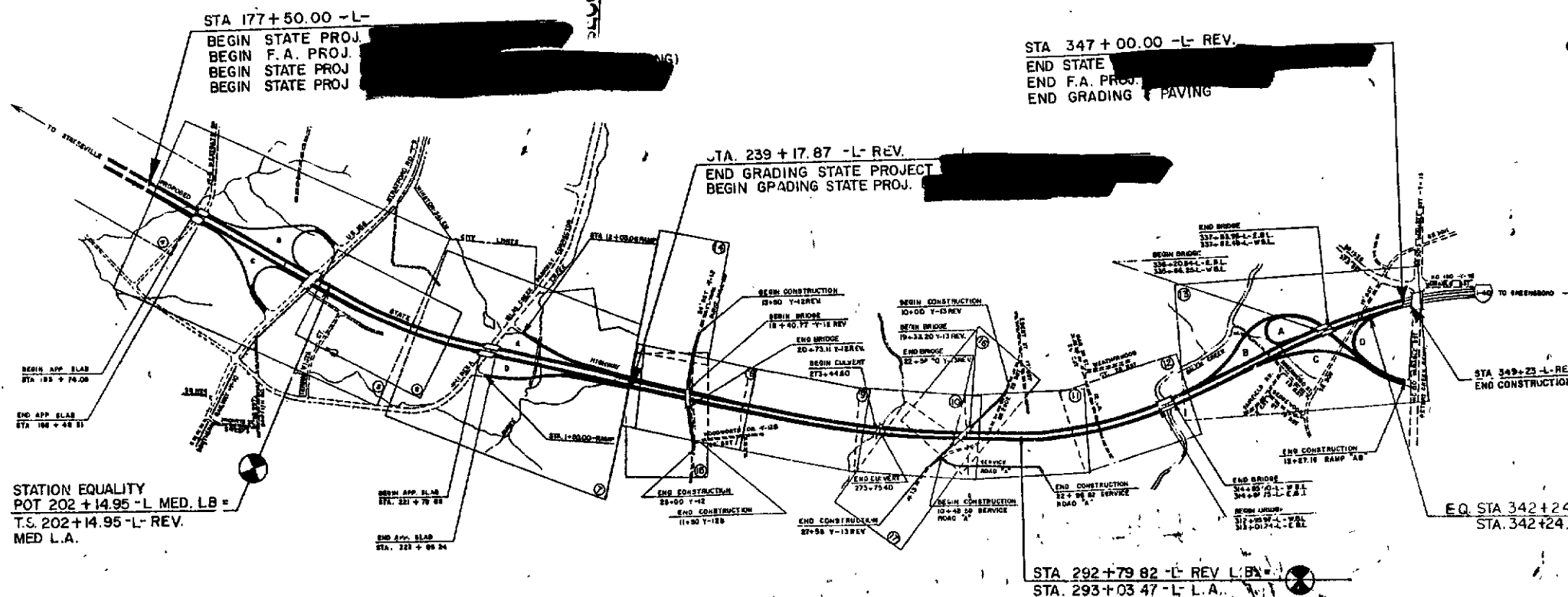
TYPE OF WORK: GRADING, DRAINAGE, STRUCTURES, CULVERTS,  
FENCING, PAVING, LONG LIFE PAVEMENT MARKINGS,

[illegible]

### CONVENTIONAL SYMBOLS

|                                         |  |
|-----------------------------------------|--|
| County Line .....                       |  |
| City or Town Line .....                 |  |
| Exist. Right of Way Line & Marker ..... |  |
| Prop. Right of Way Line & Marker .....  |  |
| Survey Line .....                       |  |
| Property Line .....                     |  |
| Exist. Fence .....                      |  |
| Proposed Road .....                     |  |
| Existing Road .....                     |  |
| Railroad .....                          |  |
| Control of Access Line .....            |  |
| Slope Stake Line .....                  |  |
| Bridge .....                            |  |
| Culvert .....                           |  |
| Woods .....                             |  |
| Telephone or Telegraph Pole .....       |  |
| Tower Pole and Line .....               |  |
| Power Pole .....                        |  |
| Easement Line .....                     |  |
| Temporary Silence .....                 |  |
| Guard Rail .....                        |  |
| Sanitary Sewer Line .....               |  |
| Water Line .....                        |  |
| Gas Line .....                          |  |
| Proposed Woven Wire Fence .....         |  |
| Proposed Chain Link Fence .....         |  |

568, 440 11 50 34



STATION EQUALITY  
POT 202 + 14.95 - L MED. LB =  
T.S. 202 + 14.95 - L- REV.  
MED. L.A.

PREPARED IN OFFICE OF  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N. C.

PLANS PREPARED BY RUMMEL, KLEPPER & KAHL AND  
ROADWAY DESIGN DEPARTMENT  
PROJECT ENGINEER... R.E. PEARSON, P.E.

LETTING DATE: JUNE 20, 1989

## STANDARD SPECIFICATIONS

THIS IS A CONTROLLED ACCESS PROJECT WITH ACCESS LIMITED TO INTERCHANGES

|                              |          |
|------------------------------|----------|
| LENGTH OF ROADWAY FA PROJ.   | 3.131 MI |
| LENGTH OF STRUCTURE FA PROJ. | 0.075 MI |
| TOTAL LENGTH STATE PROJECT   | 3.206 MI |

### DESIGN DATA

ADT 1986 = 31,800 TO 39,600  
ADT 2006 = 50,000 TO 70,000  
DHV = 11 %  
I) = 62 %  
T = 11 % - 16 %  
V = 70 MPH

# DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

APPROVED *J. L. Pearson Jr.*  
STATE HIGHWAY ENGINEER - DESIGN  
APPROVED *Edwin E. ...*  
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION

APPROVED  
*Ray C. Shel*  
DIVISION ADMINISTRATOR

600  
000

I, Robert M. Hargrett, do hereby certify that this is a true and correct copy, as received by me from the DEPARTMENT OF TRANSPORTATION identified as PROJECT 6-1650492 of the final plans for Project 8-1650492.

Plan Sheet \_\_\_\_\_

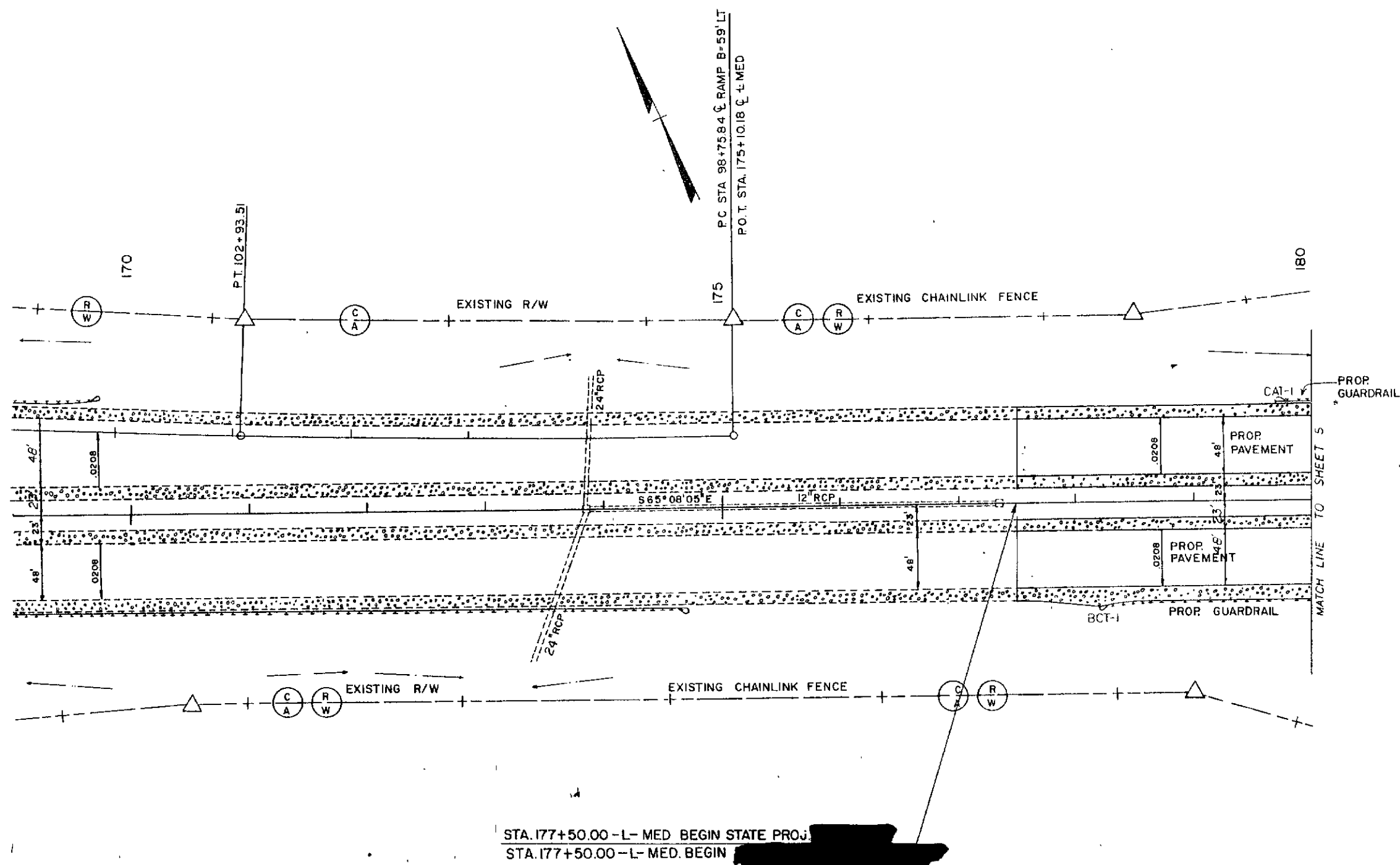
Addendum 6 to the minutes on file in my office of the 7 day of JULY,  
 1988, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set  
 my hand this the 7 day of JULY, 1989.

\_\_\_\_\_  
Custodian of Minutes of Board of Transportation

205

19. I, Quoc Duong, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set

|                     |               |            |
|---------------------|---------------|------------|
| PROJ. REFERENCE NO. | SHEI          |            |
| [REDACTED]          | 4             | 1          |
| S                   | E A PROJ. NO. | D          |
| [REDACTED]          | [REDACTED]    | [REDACTED] |
| B.1620402           | [REDACTED]    | R/W        |
| [REDACTED]          | [REDACTED]    | [REDACTED] |



PRESENTED FOR  
DETERMINATION  
OF THE BOARD

SEP 5 10 40 AM '89

**"STATE OF NORTH CAROLINA - COUNTY OF WAKE"**

STATE OF NORTH CAROLINA - COUNTY OF WAKE

*William A. King*

I do hereby certify that this is a true and correct copy  
of the final plans for Project **8-16304C3**, identified as **PROCEEDS FROM THE SALE OF TRANSPORTATION**

Plan Sheet **A**

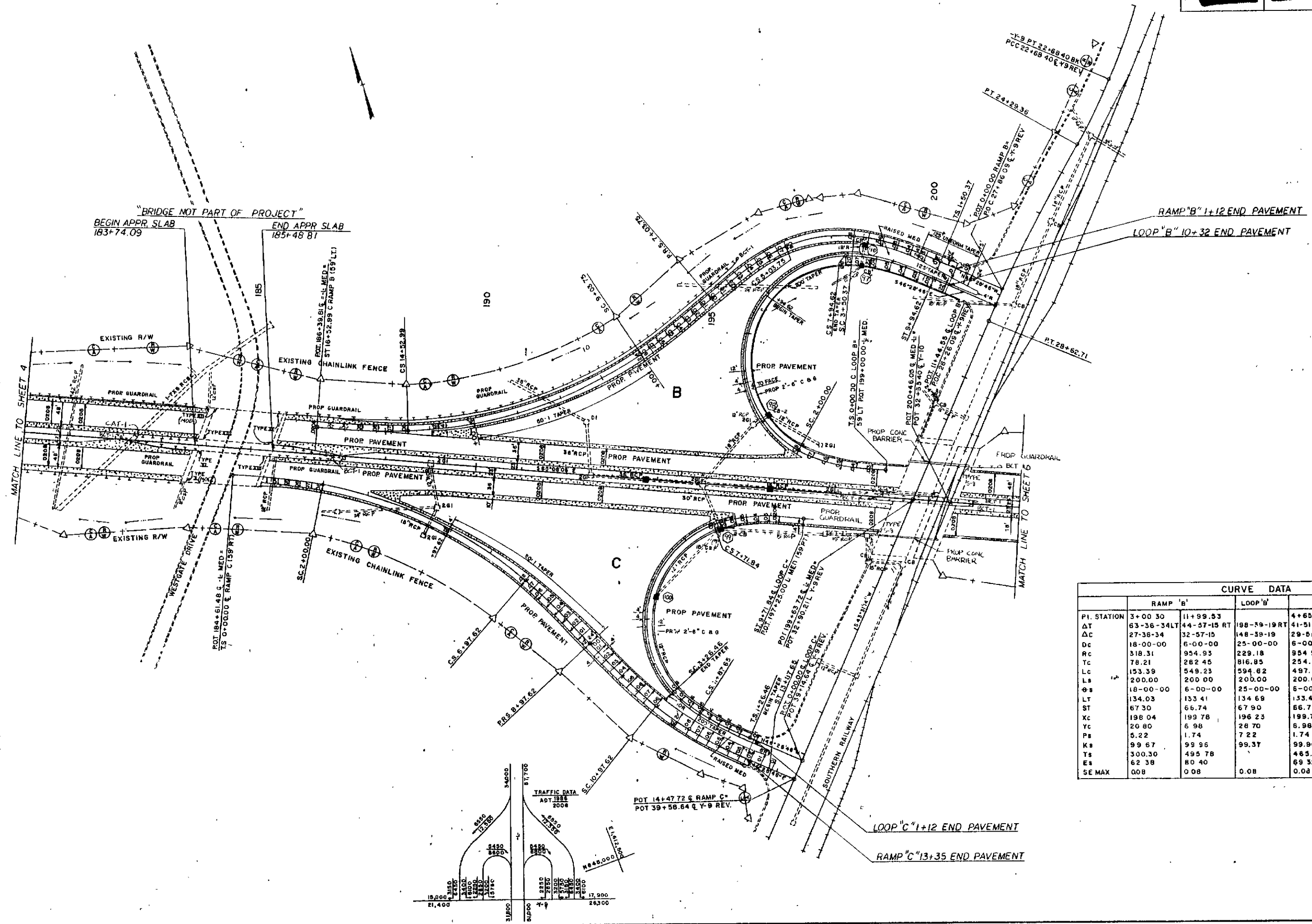
of Plan Sheet 4 of the final plans for Project 8.16204c2, identical to the figures on file in my office of the 7 day of NOV 1982.  
Addendum 6

Addendum 6 to the Addendums on file in my office of the 7 day of July 1989, Board of Trans-ortation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand and the seal of said Board at the City of New York, New York, this 7 day of July 1989.

my hand this the 17 day of JUNE 1989

my hand this the 17 day of July, 1989.

|                       |           |     |
|-----------------------|-----------|-----|
| PROJECT REFERENCE NO. | 8.1620402 | R/W |
| DATE                  |           |     |
| BY                    |           |     |
| CHECKED               |           |     |
| APPROVED              |           |     |

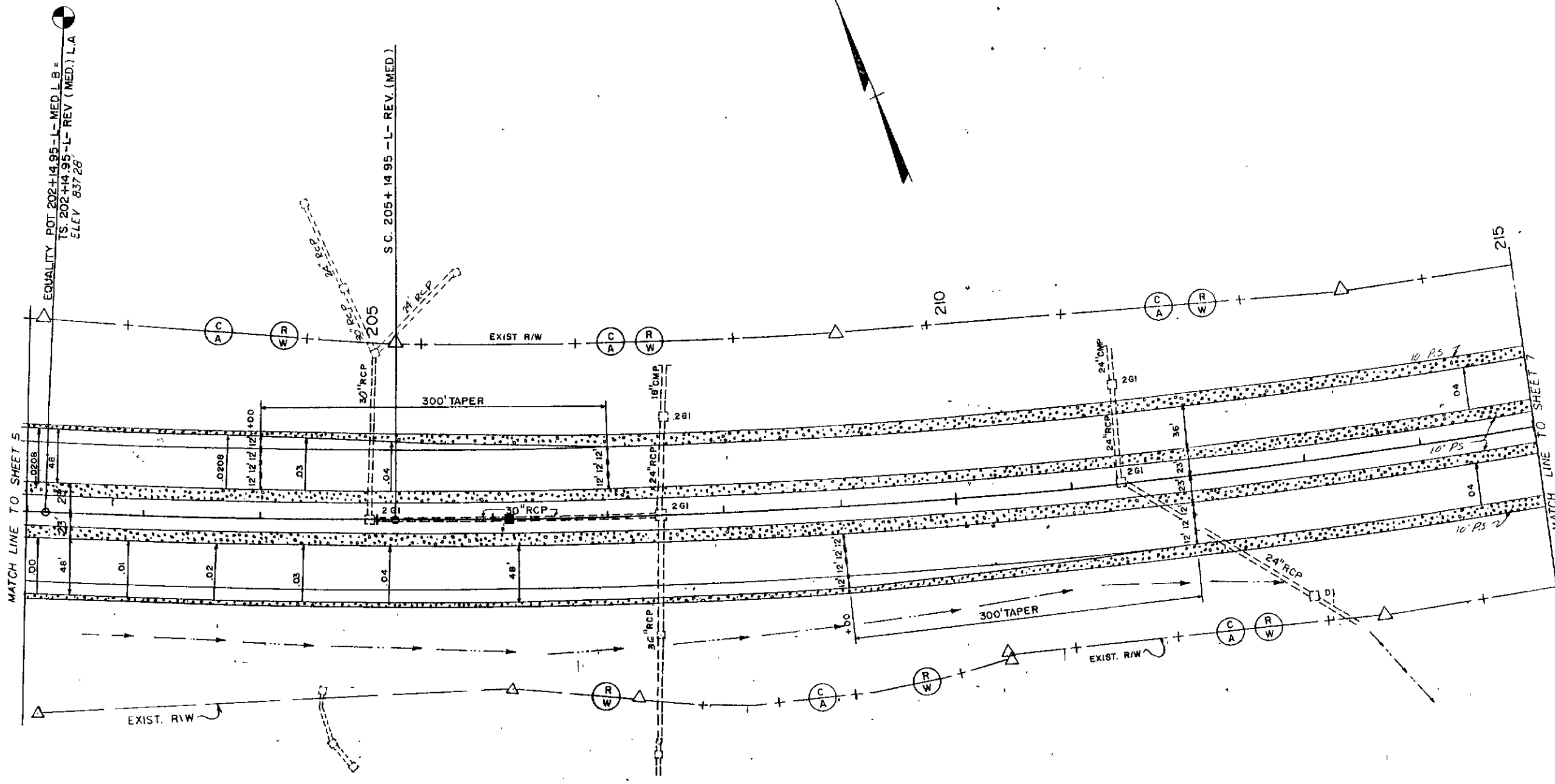


| CURVE DATA  |            |             |             |            |
|-------------|------------|-------------|-------------|------------|
|             | RAMP 'B'   | LOOP 'B'    | RAMP 'C'    | LOOP 'C'   |
| PI. STATION | 3+00.30    | 11+99.53    | 4+65.83     | 11+45.06   |
| ΔT          | 63-36-34LT | 44-57-15 RT | 198-59-19RT | 41-51-27RT |
| ΔC          | 27-36-34   | 32-57-15    | 148-59-19   | 29-51-27   |
| DC          | 18-00-00   | 6-00-00     | 25-00-00    | 6-00-00    |
| RC          | 318.31     | 954.93      | 229.18      | 954.93     |
| LC          | 78.21      | 282.45      | 816.85      | 254.60     |
| TC          | 153.39     | 549.23      | 594.62      | 497.62     |
| LS          | 200.00     | 200.00      | 200.00      | 200.00     |
| ES          | 18-00-00   | 6-00-00     | 25-00-00    | 6-00-00    |
| LT          | 134.03     | 133.41      | 134.69      | 133.47     |
| ST          | 67.30      | 66.74       | 67.90       | 66.79      |
| XC          | 198.04     | 199.78      | 196.23      | 199.78     |
| YC          | 20.80      | 6.98        | 26.70       | 6.98       |
| PH          | 5.22       | 1.74        | 7.22        | 1.74       |
| KH          | 99.67      | 99.96       | 99.37       | 99.96      |
| TS          | 300.30     | 495.78      | 483.83      | 247.44     |
| ES          | 62.38      | 80.40       | 69.32       | 17.31      |
| SE MAX      | 0.08       | 0.08        | 0.08        | 0.08       |

PREPARED FOR  
TRANSPORTATION  
SEP 5 10 40 AM '09

"STATE OF NORTH CAROLINA COUNTY OF WAKE"  
I, Pauline M. [Signature], do hereby certify that this is a true and correct copy of the final plans for Project 8.1620402, identified as WAKE COUNTY DEPARTMENT OF TRANSPORTATION Addendum 6 to the final plans on file in my office of the 7 day of JULY, 1909. Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of JULY, 1909.  
Pauline M. [Signature] Custodian of Minutes of Board of Transportation \$5.00

|                     |             |
|---------------------|-------------|
| PROJ. REFERENCE NO. | SHEET       |
| 8 1620402           | 6           |
| DATE                | DESCRIPTION |
| 8/16/89             | R/W         |



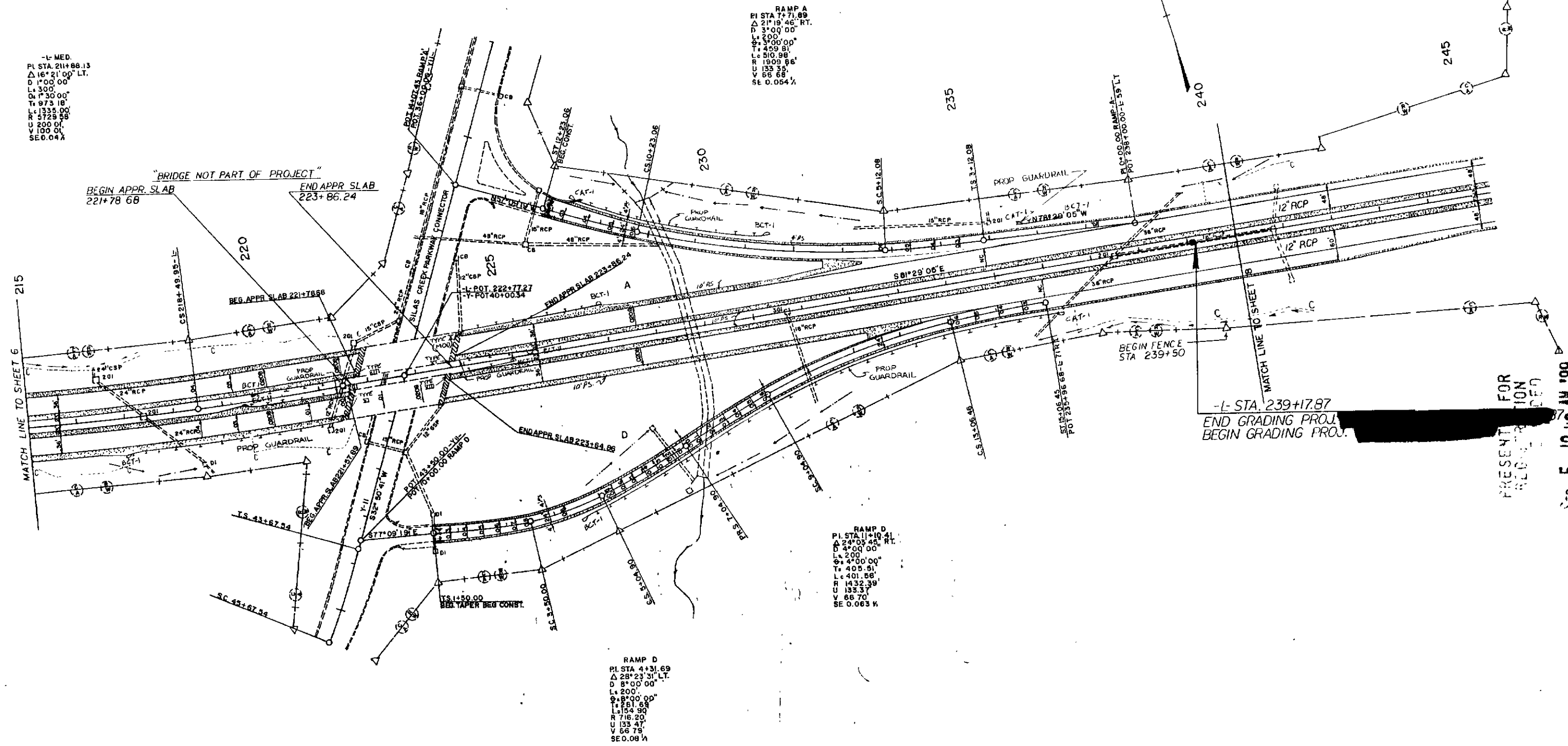
NOTE: SEE SHEET 7 FOR  
-L- LINE CURVE DATA

PRESENTED FOR  
REGISTRATION  
FILED

SEP 5 10 40 AM '89

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
I, Pauline May, do hereby certify that this is a true and correct copy  
of Plan Sheet 6 of the final plans for Project 81620402, identified as WAKE COUNTY DEPARTMENT OF TRANSPORTATION  
Addendum 6 to the plans on file in my office of the 7 day of JULY  
19 89, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set  
my hand this 17 day of JULY, 19 89.

Custodian of Minutes of Board of Transportation



PRESENTATION FOR

SEP 5 10 40 AM '89

~~"STATE OF NORTH CAROLINA - COUNTY OF WAKE"~~

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
*Pauline A. King*, do hereby certify that this is a true and correct copy of the final plans for Project 81620402, identified as 1612 of Plan Sheet 7 of the final plans on file in my office on the 7 day of JULY Addendum 6 to the plans on file in my office. WHEREOF, I have hereunto set my hand and the seal of the Board of Transportation on this 19 day of August, 1989.  
 DEPARTMENT OF TRANSPORTATION  
*Pauline A. King*  
 Custodian of Minutes of Board of Transportation

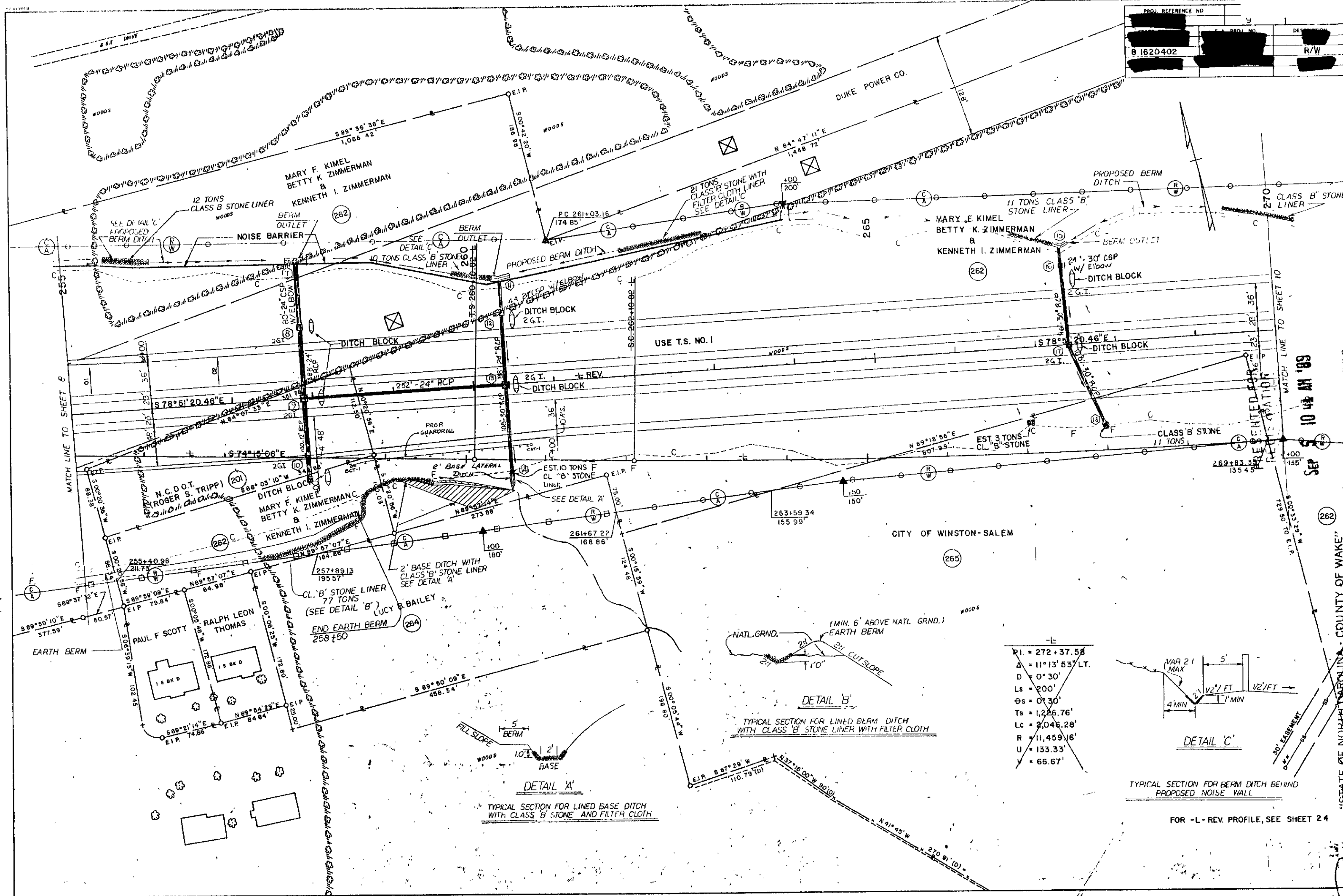
Custodian of Minutes of Board of Transportation







|                     |  |
|---------------------|--|
| PROJ. REFERENCE NO. |  |
| 8 1620402           |  |
|                     |  |
|                     |  |



DETAIL 'A'  
TYPICAL SECTION FOR LINED BASE DITCH  
WITH CLASS 'B' STONE AND FILTER CLOTH

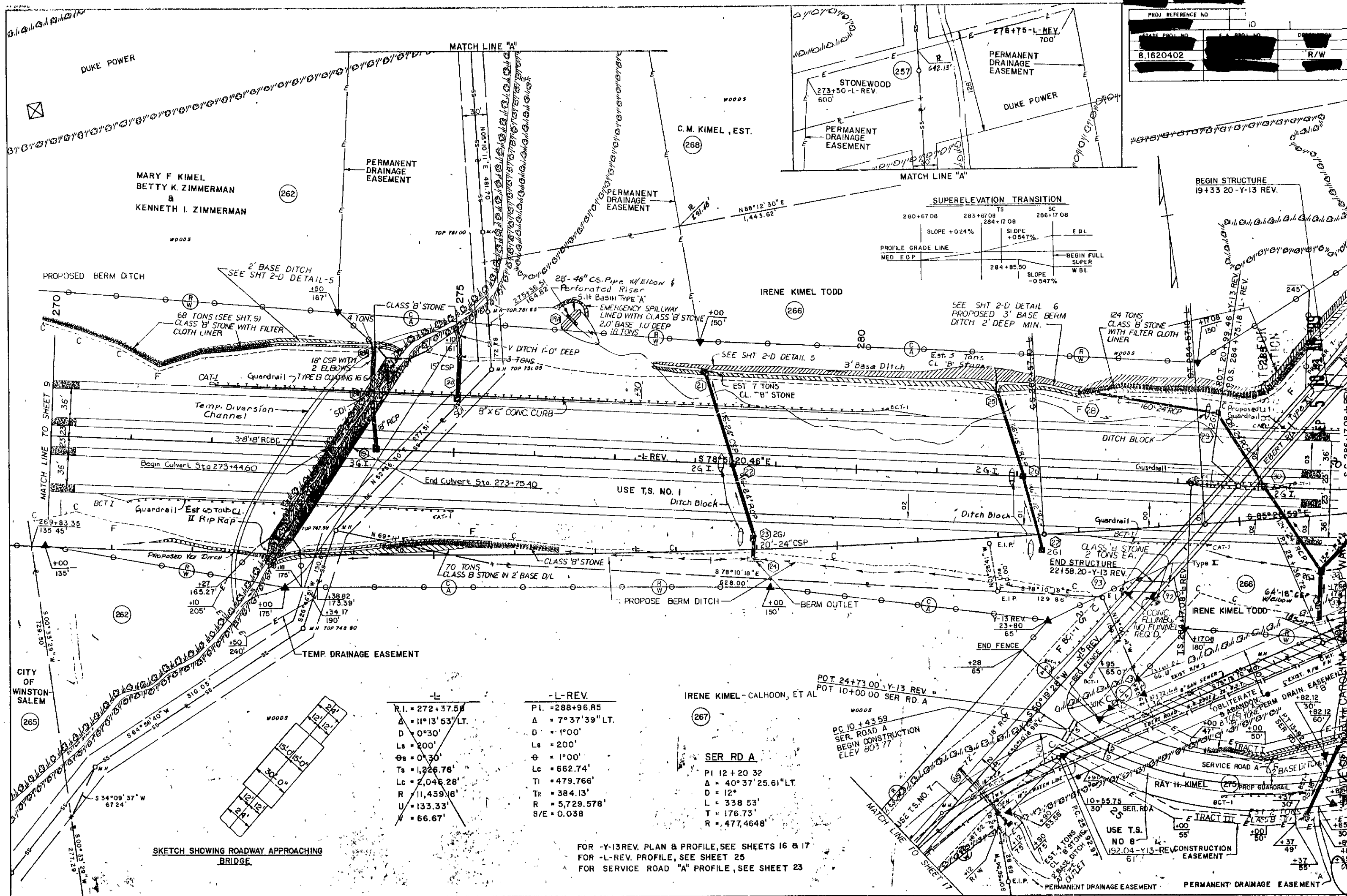
DETAIL 'B'  
TYPICAL SECTION FOR LINED BERM DITCH  
WITH CLASS 'B' STONE LINER WITH FILTER CLOTH

DETAIL 'C'  
TYPICAL SECTION FOR BERM DITCH BEHIND  
PROPOSED NOISE WALL

-L-  
PI = 272 + 37.58  
Δ = 11° 13' 53" LT.  
D = 0° 30'  
LS = 200'  
Θs = 0° 30'  
Ts = 1,226.76'  
Lc = 2,046.28'  
R = 11,459.16'  
U = 133.33'  
V = 68.67'

FOR -L- REV. PROFILE, SEE SHEET 24

STATE OF NORTH CAROLINA, COUNTY OF WAKE  
I, Michael H. Hargrett, do hereby certify that this is a true and correct copy of the plans for Project 8-1620402, identified as Winston-Salem Hwy 44, of the 7 day of SEP, 19 81, as the same appear on file in my office.  
I, Michael H. Hargrett, Clerk of the Board of Transportation, do hereby certify that the above is a true and correct copy of the plans for Project 8-1620402, identified as Winston-Salem Hwy 44, of the 7 day of SEP, 19 81, as the same appear on file in my office.  
In testimony whereof, I have hereunto set my hand and the seal of the Board of Transportation this 17 day of SEP, 19 81.



Plan Sheet 10 of the final plans for Project 31620402 identified as STATE STREET DEPARTMENT OF TRANSPORTATION do hereby certify that this is a true and correct copy.

addendum 6 to 10 minutes on file in my office of the 7 day of March 1989. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand and this the 17 day of March 1989. Michael Wang Custodian of Minutes of Board of Transportation



~~-L-~~

P.I. = 306+81.04

Δ = 27° 01' 34" LT.

D = 1° 00'

Ls = 200'

Θ = 1° 00'

Lc = 2,602.61'

Ti = 1,377.5711'

Tz = 1,467.3596'

R = 5,729.578'

S/E = 0.038

~~-Y-13~~

~~P.I. = 20+80.39~~

~~Δ = 48° 26' 48" RT.~~

~~D = 14° 30'~~

~~T = 177.78'~~

~~L = 534.11'~~

~~R = 395.1433'~~

~~-L-~~

P.I. = 306+33.47

Δ = 28° 01' 34" LT.

D = 1°

Ls = 200'

Θs = 1°

Ts = 1,530.0026'

Lc = 2,602.6111'

R = 5,729.678'

U = 133.335

Y = 66.669'

~~-L-REV.~~

P.I. = 288+96.85

Δ = 7° 37' 39" LT.

D = 1° 00'

Ls = 200'

Θ = 1° 00'

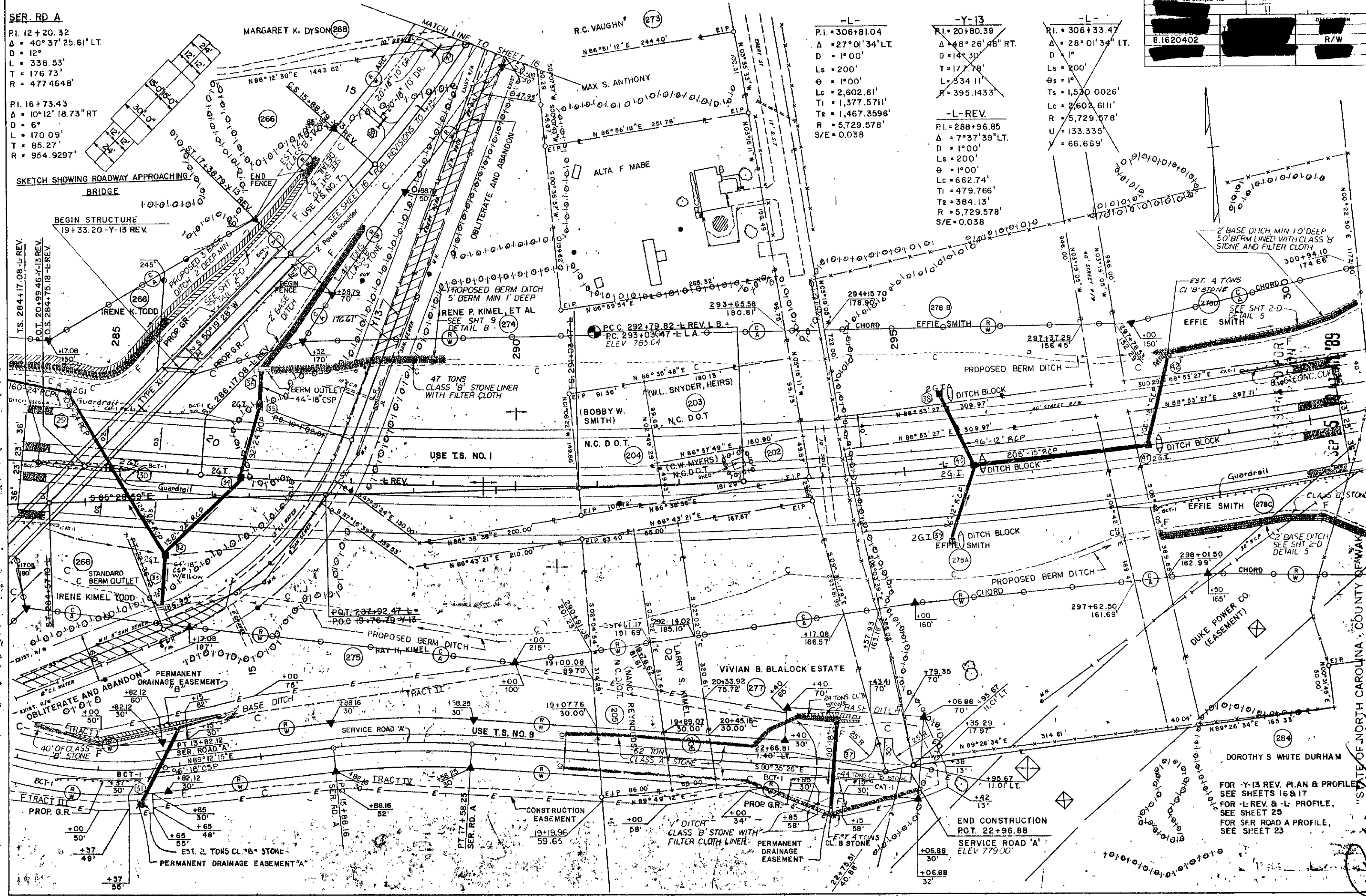
Lc = 662.74'

Ti = 479.766'

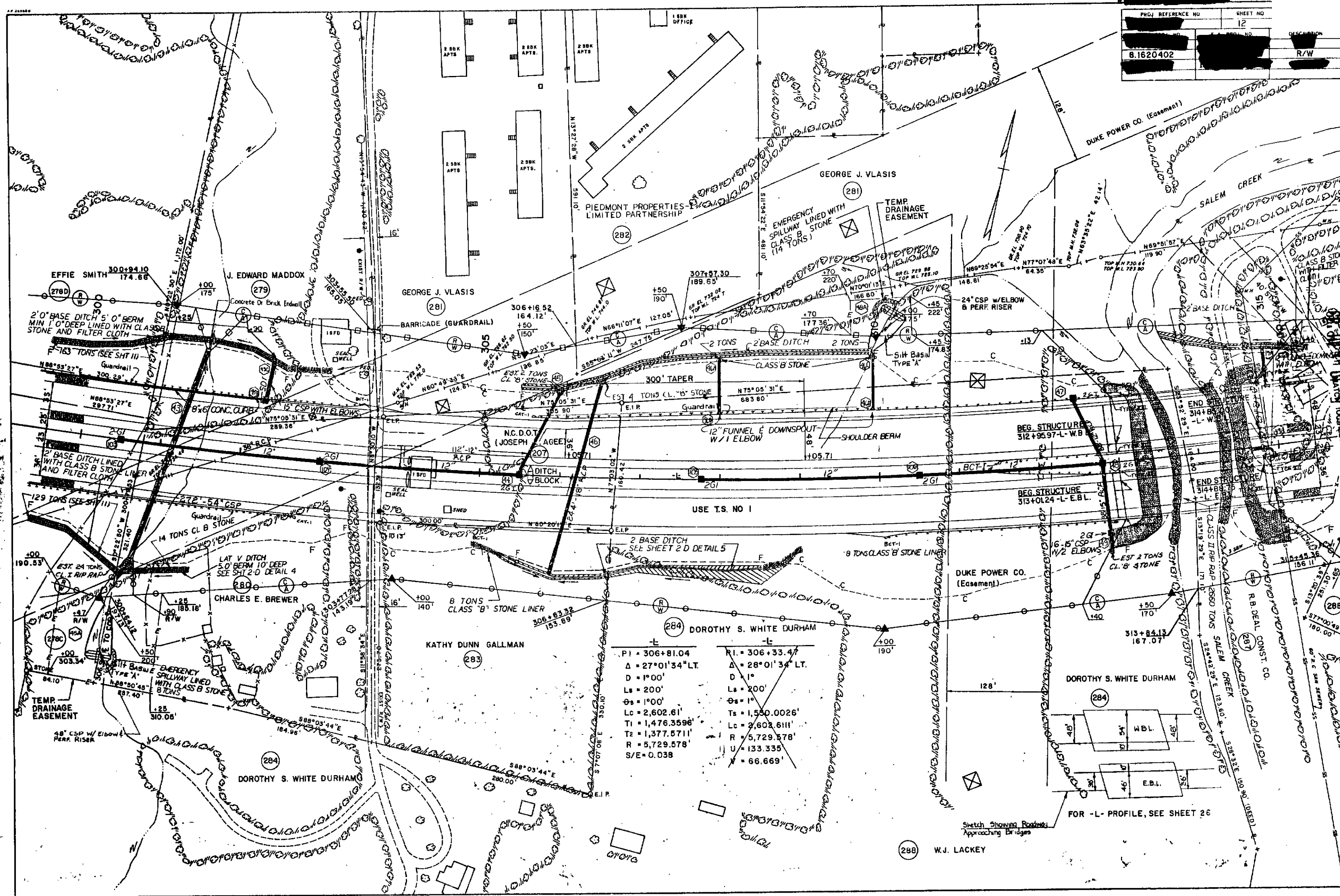
Tz = 384.13'

R = 5,729.578'

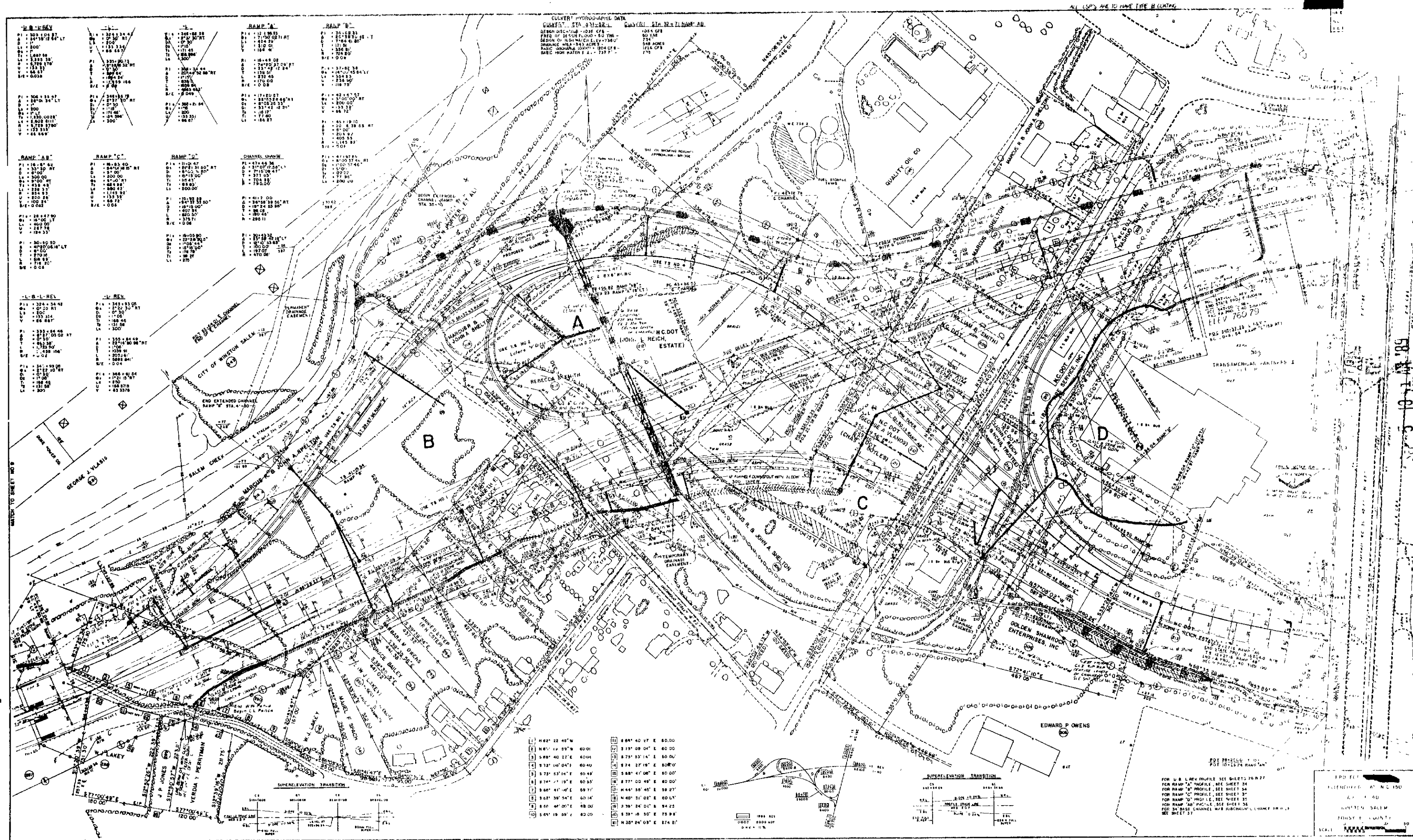
S/E = 0.038



1. I, Franklin W. Wright, do hereby certify that this is a true and correct copy of the Final Plans of Plan Sheet 11 of the final plans for Project 8-16-20492, identified as Highway 64, Department of Transportation Addendum 6 to the specifications on file in my office of July 7 day of July, 1959, Board of Transportation. WHEREOF, I have hereunto set my hand this the 17 day of July, 1959.







"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

DEPARTMENT OF TRANSPORTATION

Project 3162452

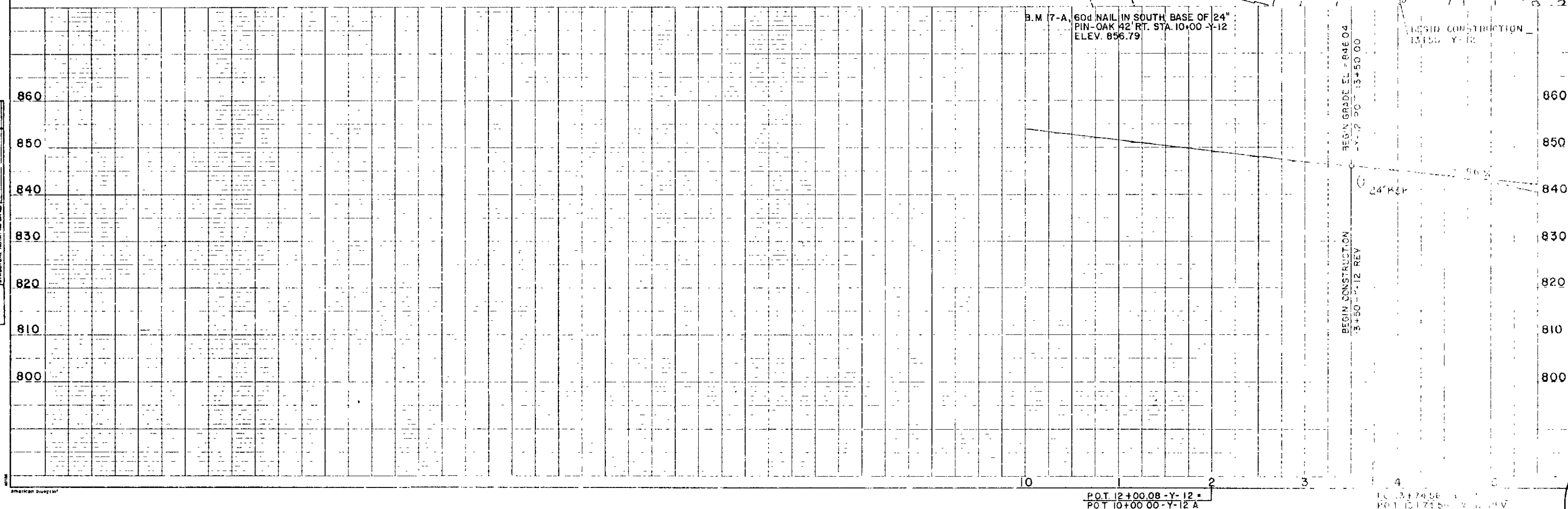
Plan Sheet 13 of 13

Scale: 1" = 40'

North Arrow

Table of Coordinates:

| Station | Easting  | Northing |
|---------|----------|----------|
| 1+00    | 1000.00  | 1000.00  |
| 2+00    | 2000.00  | 2000.00  |
| 3+00    | 3000.00  | 3000.00  |
| 4+00    | 4000.00  | 4000.00  |
| 5+00    | 5000.00  | 5000.00  |
| 6+00    | 6000.00  | 6000.00  |
| 7+00    | 7000.00  | 7000.00  |
| 8+00    | 8000.00  | 8000.00  |
| 9+00    | 9000.00  | 9000.00  |
| 10+00   | 10000.00 | 10000.00 |



-Y-12 REV.

~~$$Y-12$$

|          |                  |
|----------|------------------|
| RJ       | = 15+00          |
| $\Delta$ | = 18° 39' 01" LT |
| D        | = 7° 30'         |
| T        | = 125.44'        |
| L        | = 248.67'        |
| R        | = 763.944'       |~~

$PL = 19+54.66$   
 $\Delta = 25^\circ \text{ LT}$   
 $D = 3^\circ$   
 $L_s = 150'$   
 $\theta_s = 2^\circ 15'$   
 $T_s = 498.51'$   
 $L_c = 683.33'$   
 $R = 1,909.8593'$   
 $U = 100.008'$   
 $V = 50.0078'$   
 $S/E = 0.044$

|           |                                  |
|-----------|----------------------------------|
| B.M 17-A, | 60d NAIL IN SOUTH BASE OF 24"    |
|           | PIN-OAK 42' RT. STA. 10+00 -Y-12 |
|           | ELEV. 856.79                     |

BEGIN CONSTRUCTION  
3+50 - 4+12 REV  
BEGIN GRADE EL = 846.04  
- 4+20 = 835.00

860  
850  
840  
830  
820  
810  
800

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"  
Margaret Wright, do hereby certify that this is a true and correct copy  
of Plan Sheet 14 and plans for Project S-1620453 identified as  
 Ordinance: \_\_\_\_\_

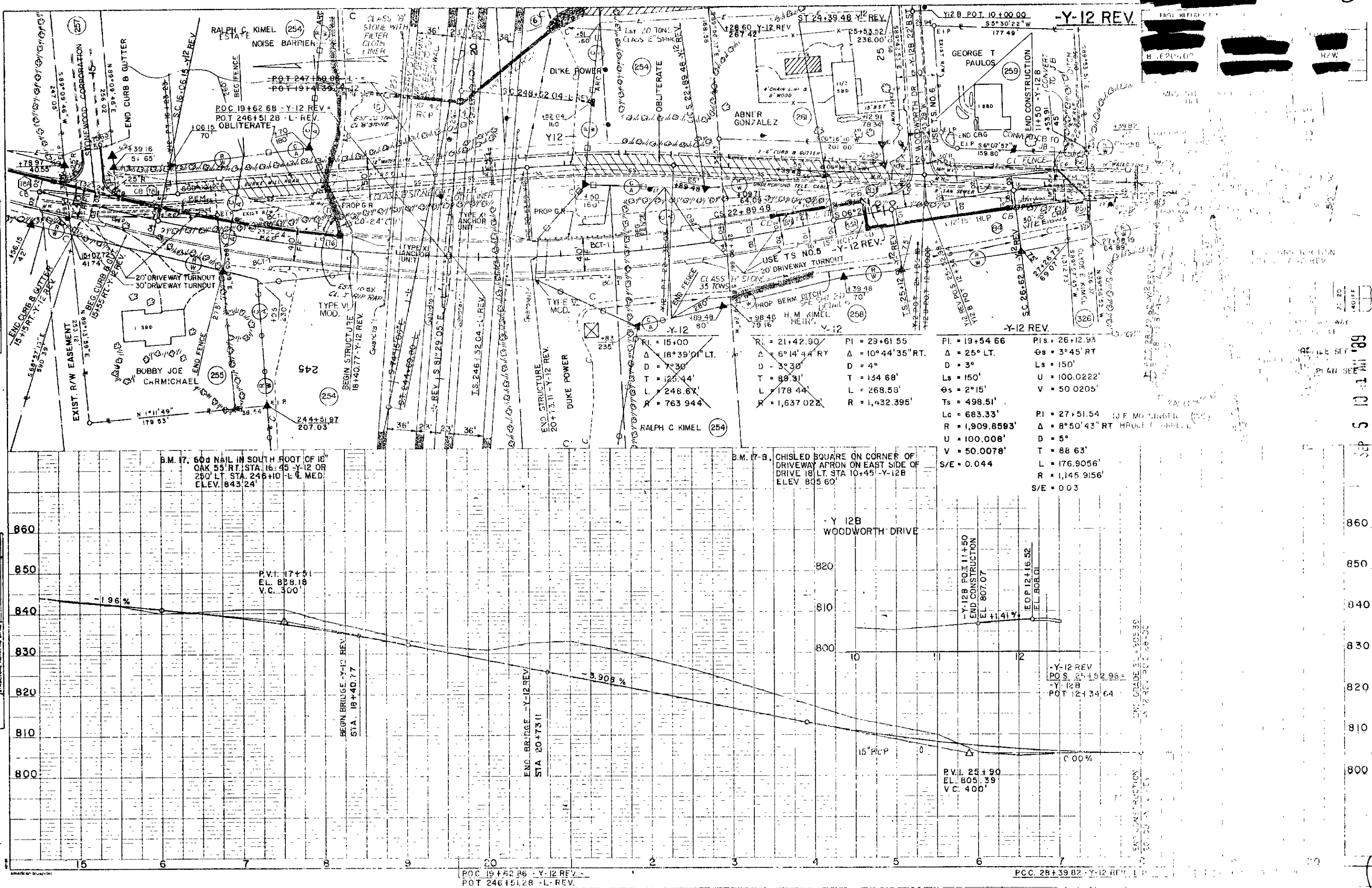
I have heretofore set  
day of JULY  
1984, Board of Trustees,  
my name to the 1707 of - 5061

DEPARTMENT OF TRANSPORTATION

*Maureen Wang Lk*  
Custodian of Minutes of Board of Transportation  
\$ 5.00

| PLAN     | DATE |
|----------|------|
| DESIGNED |      |
| CHECKED  |      |
| APPROVED |      |
| DATE     |      |

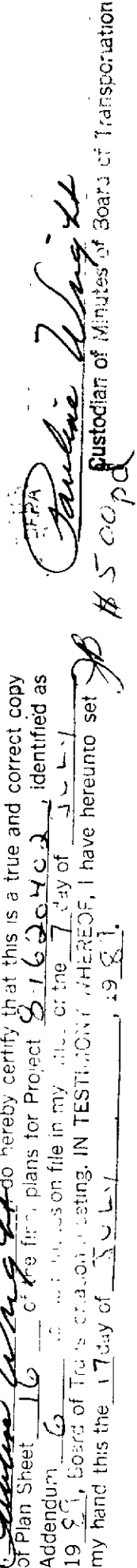
| PROFILE  | DATE |
|----------|------|
| DESIGNED |      |
| CHECKED  |      |
| APPROVED |      |
| DATE     |      |



STATE OF NORTH CAROLINA - COUNTY OF WAKE  
I, Thurman Wright, do hereby certify that this is a true and correct copy of Plan Sheet 15 of the final plans for Project 316244 CD, identified as Addendum 6 to the plans on file in my office on the 7 day of JULY 1994. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of JULY, 1994.

DEPARTMENT OF TRANSPORTATION  
Thurman Wright  
Custodian of Minutes of Board of Transportation



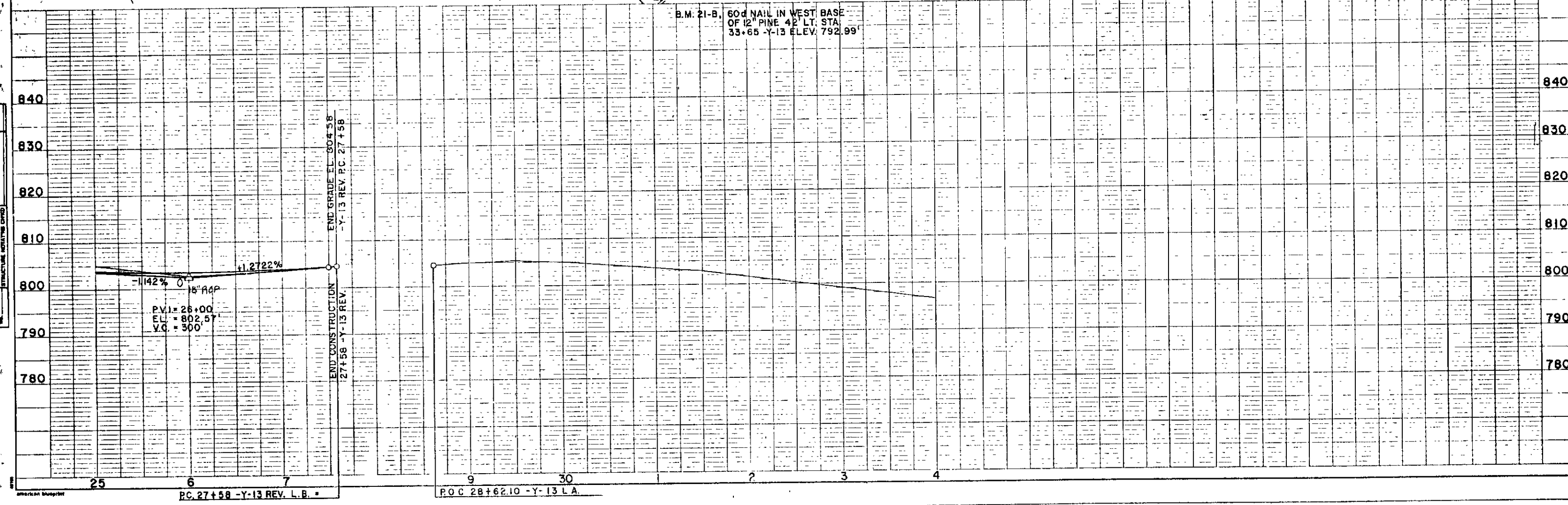
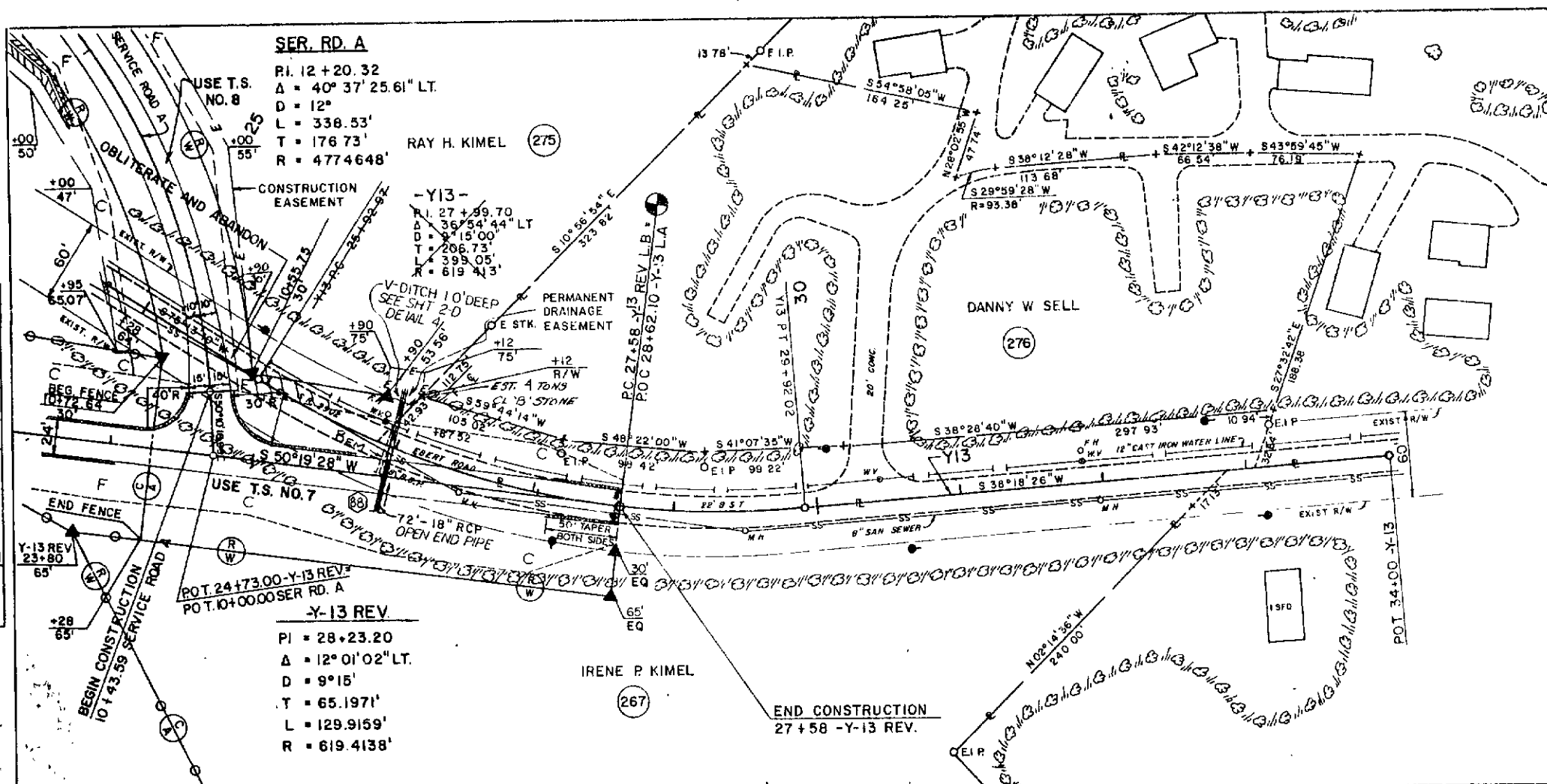


-Y-13 REV.

| PROJ. REFERENCE NO. | SHEET NO.   |
|---------------------|-------------|
| 8.1620402           | 17          |
| DATE                | DESCRIPTION |
| 8.1620402           | R/W         |

| PLAN     |
|----------|
| DATE     |
| BY       |
| CHECKED  |
| APPROVED |

| PROFILE  |
|----------|
| DATE     |
| BY       |
| CHECKED  |
| APPROVED |



FOR SER ROAD A PROFILE, SEE SHEET

RESERVED FOR

SEP 5 10 41 AM '89

STATE OF NORTH CAROLINA - COUNTY OF WAKE  
I, *Pauline W. Hughes*, do hereby certify that this is a true and correct copy of Plan Sheet 17 of the plans for Project 8.1620402 identified as *WAKE COUNTY*. I am a duly qualified and licensed Professional Engineer in the State of North Carolina. My commission expires on the 17 day of *SEP* 19*89*.  
In testimony whereof, I have hereunto set my hand this the 17 day of *SEP* 19*89*.

DEPARTMENT OF TRANSPORTATION

*Pauline W. Hughes*

Custodian of Minutes of Board of Transportation