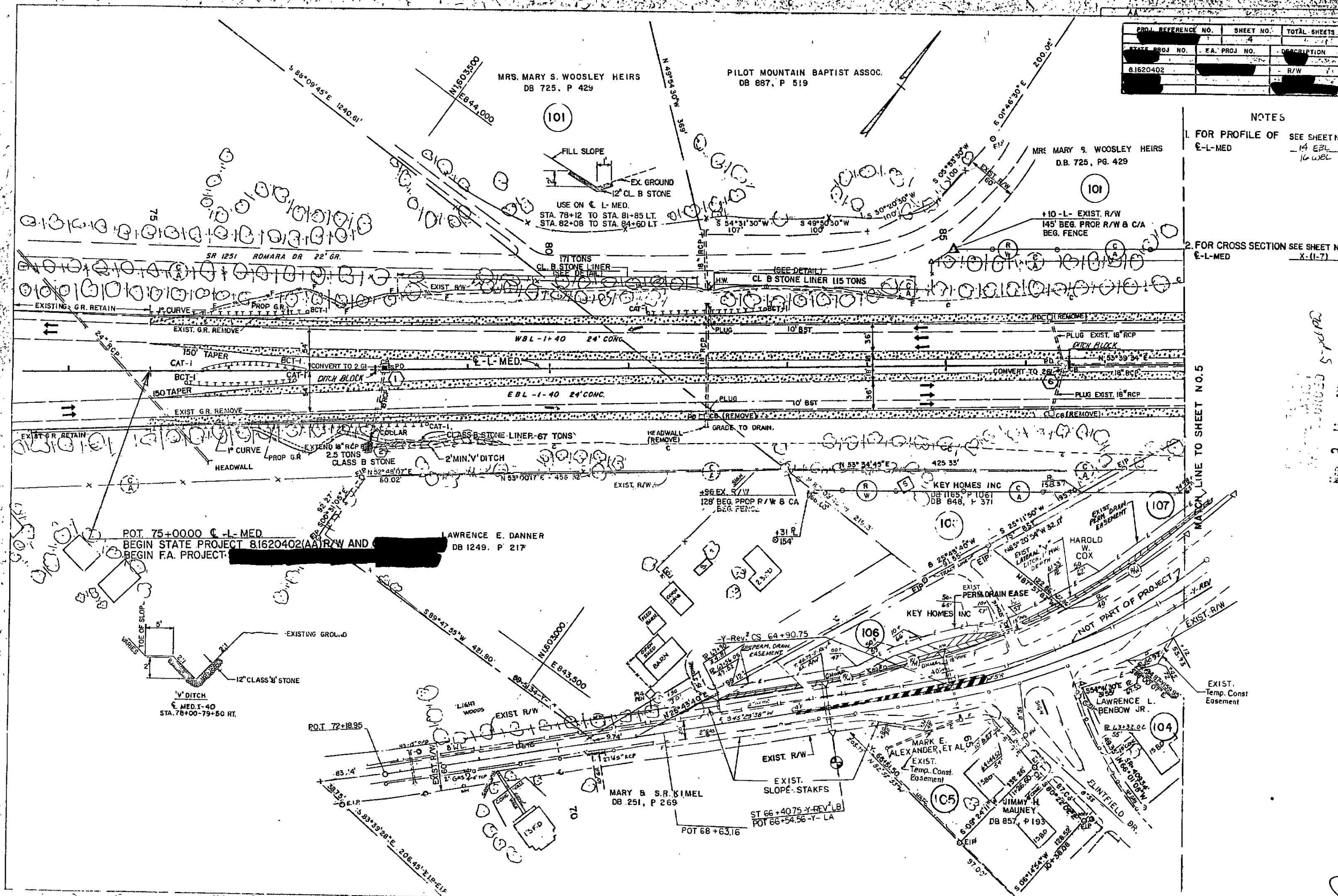




PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1620402	4	11
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
8.1620402		R/W

NOTES

- FOR PROFILE OF E-L-MED SEE SHEET NO. 14 EBL 16 WBL
- FOR CROSS SECTION SEE SHEET NO. X-11-7

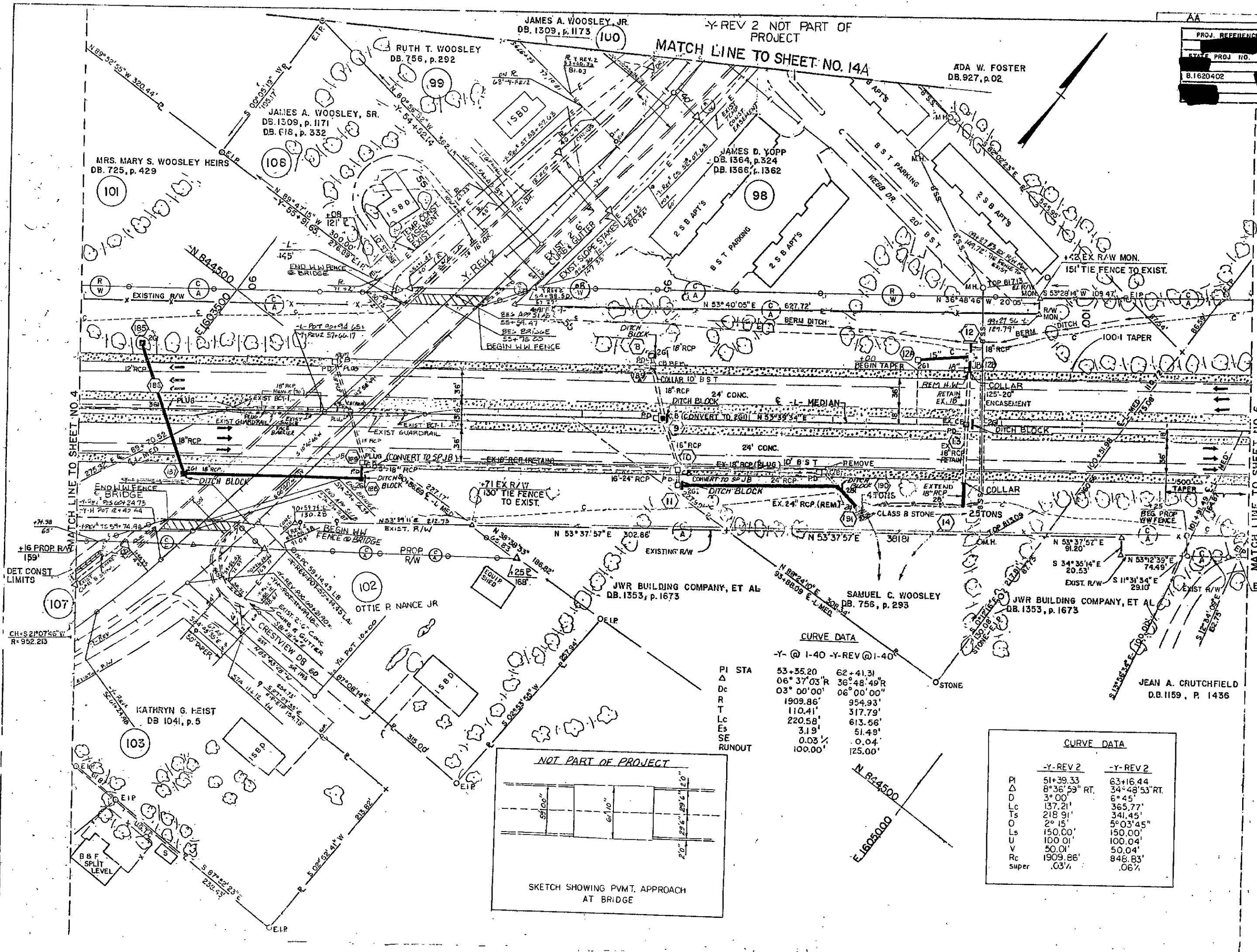
Mar 3 11:09 AM '89

STATE OF NORTH CAROLINA - COUNTY OF WAKE

I, Shirley W. W. W., do hereby certify that this is a true and correct copy of the final plans for Project 8.1620402, identified as DECEMBER 19 88, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 19 day of DECEMBER, 19 88.

DEPARTMENT OF TRANSPORTATION

Custodian of Minutes of Board of Transportation



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEET
8.1620402	5	10

- NOTES
1. FOR PROFILE OF SEE SHEET NO. 14A EBL
 2. FOR CROSS SECTION SEE SHEET NO. X-(7-14)

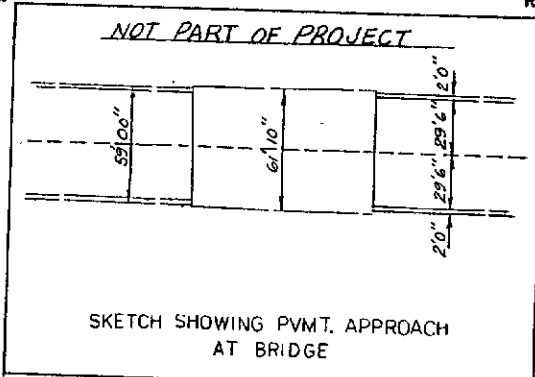
CURVE DATA

PI	STA	Δ	Dc	R	T	Lc	Es	SE	RUNOUT
53+35.20	62+41.31	06° 37' 03" R	36° 48' 49" R	03° 00' 00"	06° 00' 00"	1909.86'	954.93'	110.41'	317.79'
03° 00' 00"	06° 00' 00"					220.58'	613.56'	3.19'	51.49'
						0.03'	0.04'		
						100.00'	125.00'		

CURVE DATA

	-Y-REV 2	-Y-REV 2
PI	51+39.33	63+16.44
Δ	8° 36' 59" RT.	34° 48' 53" RT.
Dc	3° 00'	6° 45'
Lc	137.21'	365.77'
Ts	218.91'	341.45'
Os	2° 15'	5° 03' 45"
Es	150.00'	150.00'
U	100.01'	100.04'
V	50.01'	50.04'
Rc	1909.86'	846.83'
Super	.03'	.06'

NOT PART OF PROJECT

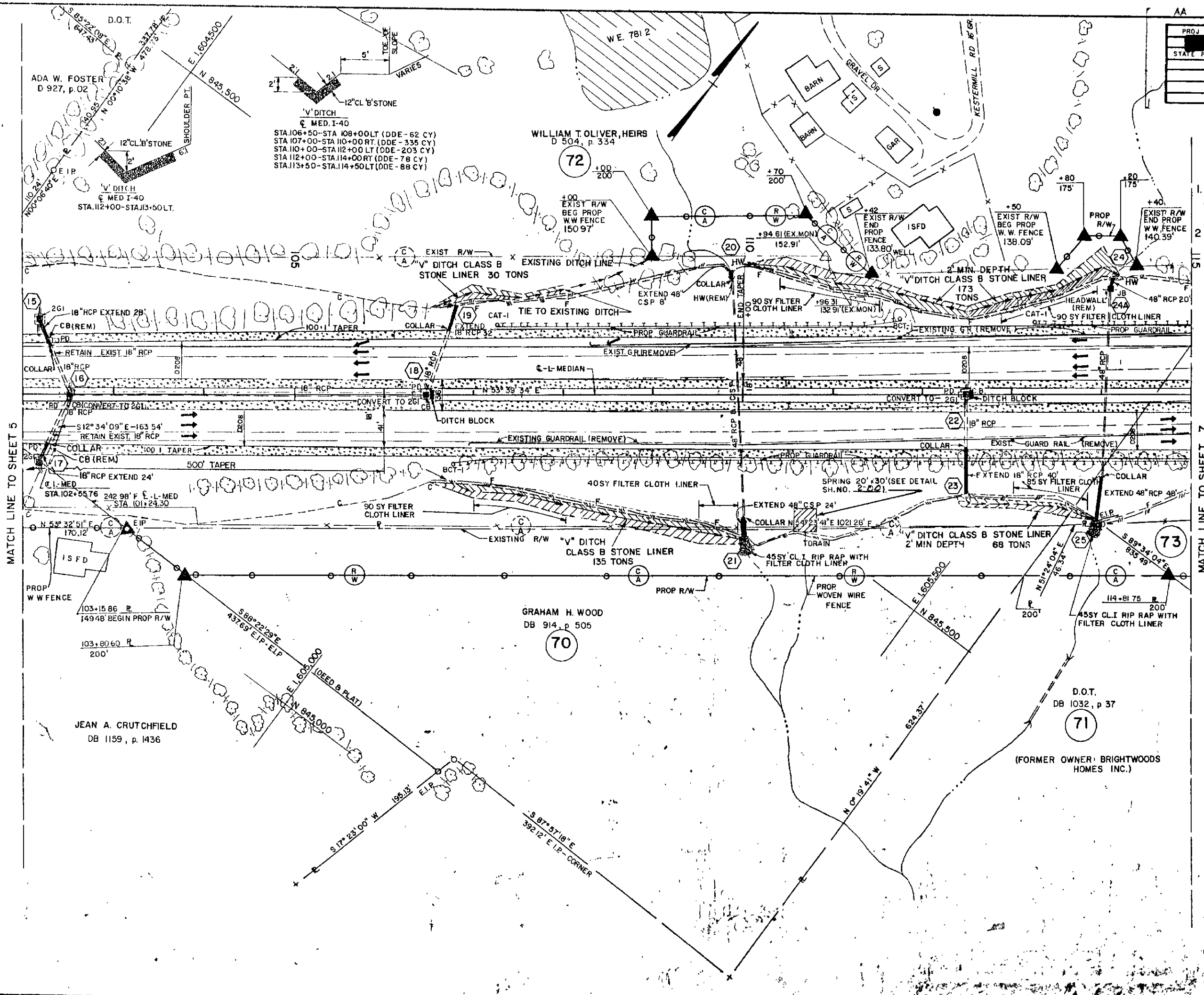


MAR 3 11 09 AM '83

STATE OF NORTH CAROLINA - COUNTY OF WAKE

do hereby certify that this is a true and correct copy of the final plans for Project 8.1620402, as amended, to the minutes on file in my office of the 9 day of December, 1988, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of December, 1988.

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEET
STATE PROJ. NO.	FA PROJ. NO.	DESCRIPTION

NOTES

1. FOR PROFILE OF SEE SHEET NO. 11-15-16
2. FOR CROSS SECTION SEE SHEET NO. 11-17-18

MATCH LINE TO SHEET 5

MATCH LINE TO SHEET 7

STATE OF NORTH CAROLINA: COUNTY OF WAKE

I, Pauline Wright, do hereby certify that this is a true and correct copy of the original plans for Project 81620402, identified as WAKE COUNTY, N.C. ROAD 111, on file in my office on the 9 day of DECEMBER, 1988. Board of Traffic Ordination meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 19 day of DECEMBER, 1988.

Custodian of Minutes of Board of Transportation

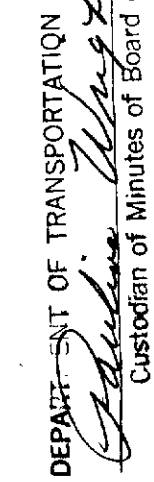
NOTES

I. FOR PROFILE OF.

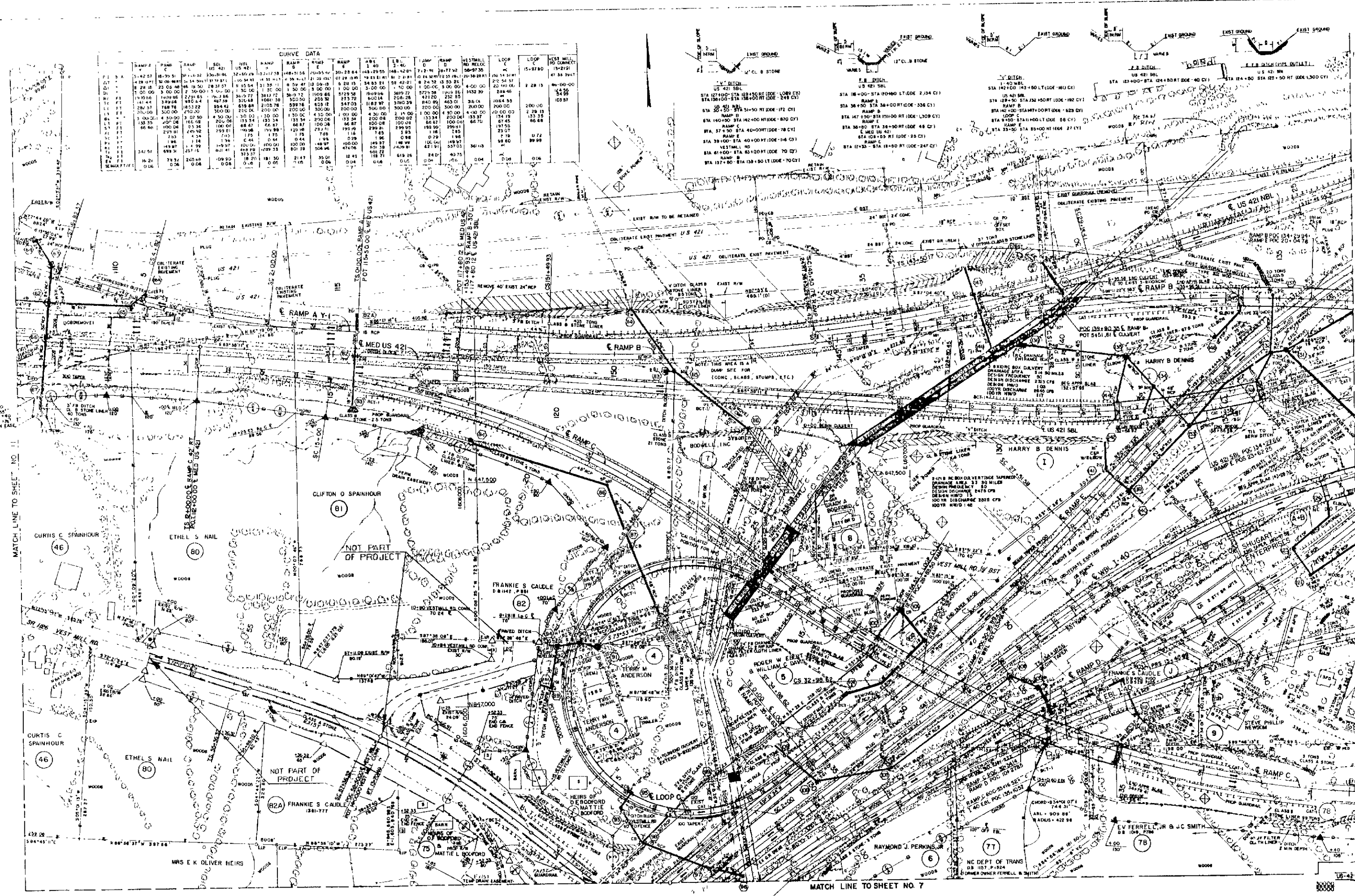
℄-L- MED	SEE SHEET NO.
EBL (I-40)	18
WBL (I-40)	21
RAMP D	43
RAMP E	47

2. FOR CROSS SECTION

℄-L- MED	SEE SHEET NO.
EBL (I-40)	X-(21-25)
WBL (I-40)	X-(30-33)
RAMP D	X-(50-51)
RAMP E	X-(51-53)
	X-(207, 21-25)



"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
 I, Barbara Wright, do hereby certify that this is a true and correct copy
 of Plan Sheet 7 of the final plans for Project 8-1620402, identified as
ADDENDUM 11 to the studies on file in my office of the 9 day of DECEMBER
19 88. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set
 my hand this the 19 day of DECEMBER, 1988.



CURVE DATA

STATION	PC	PT	PI	STATION	PC	PT	PI
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00
1+00	1+00	1+00	1+00	1+00	1+00	1+00	1+00

NOTES

1 FOR PROFILE OF SEE SHEET NO. 15

2 FOR CROSS SECTION SEE SHEET NO. 16

3 SEE CULVERT PLANS

4 SEE CULVERT PLANS

5 SEE CULVERT PLANS

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STATE OF NORTH CAROLINA - COUNTY OF WAKE

do hereby certify that this is a true and correct copy of the final plans for Project 8-162-0402, identified as "Interchange at US 421 and US 421 NBL", as shown on file in my office of the 9 day of DECEMBER 19 68, Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of DECEMBER 19 68.

Pauline Wang, Lt. Custodian of Minutes of Board of Transportation

PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ NO.	F.A. PROJ NO.	DESCRIPTION

NOTE:
PARCELS 64, 65, 66 TO BE INCLUDED IN PROJECT
8.1620402 SECTION AA
PARCELS 91, 91A TO BE INCLUDED IN PROJECT
8.1620402-SECTION AB

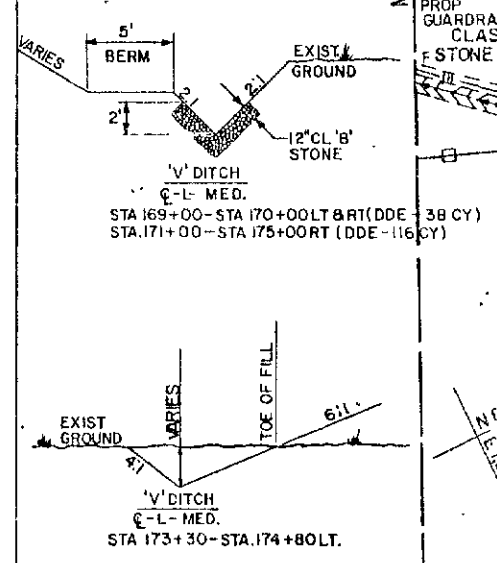
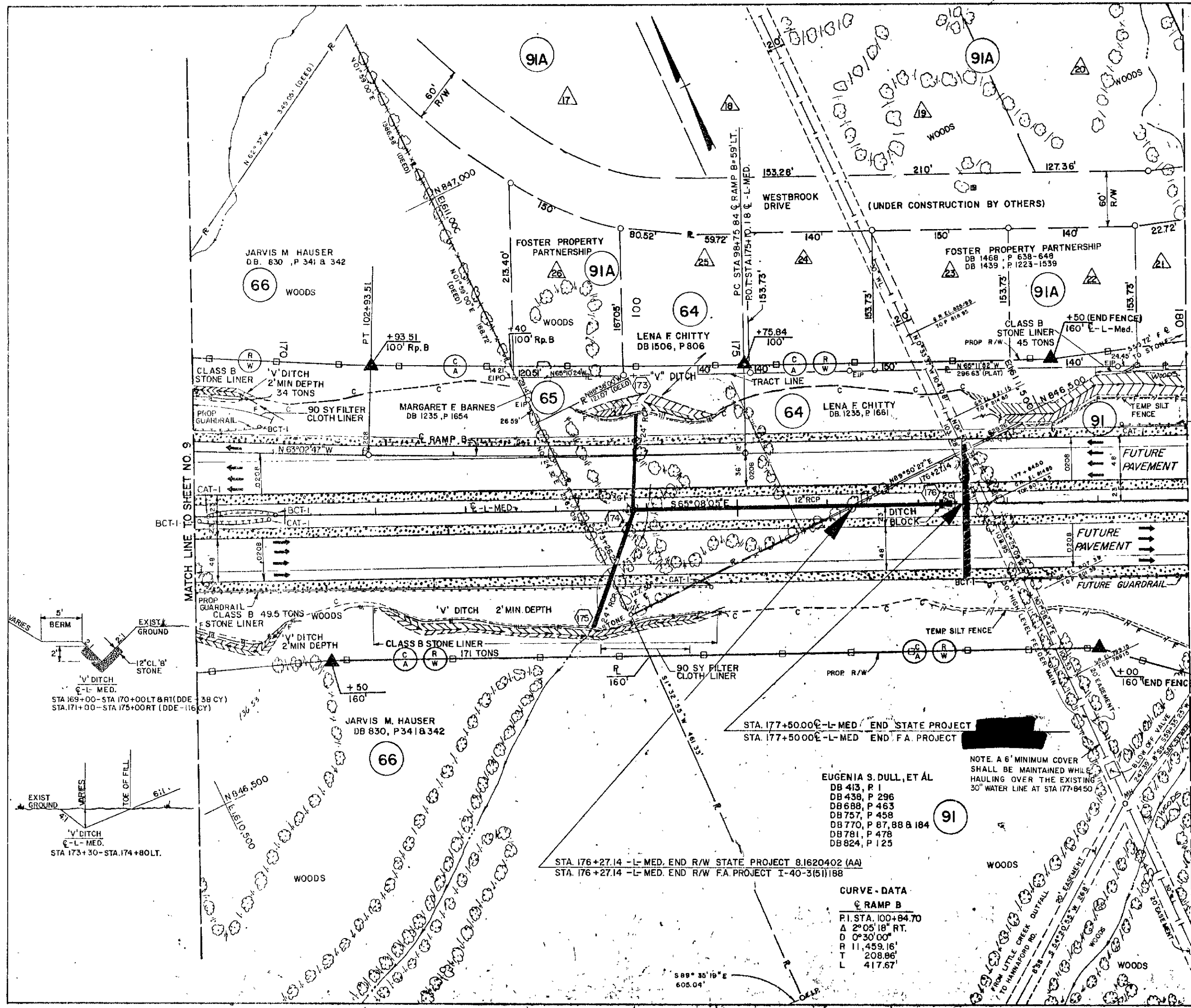
NOTES

1. FOR PROFILE OF
E-L-MED
E-RAMP B
2. FOR CROSS
SECTION
E-L-MED
E-RAMP B

NOV 3 11 09 AM '89

STATE OF NORTH CAROLINA - COUNTY OF WAKE
I, Pauline J. Hargrett, do hereby certify that this is a true and correct copy of the final plans for Project 8.1620402, identified as SECTION AA of PLAN STA 169 TO STA 180, to the final plans on file in my office of the 9 day of DECEMBER, 1988.
Addendum: 11 to the final plans on file in my office of the 9 day of DECEMBER, 1988.
1988, Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this the 19 day of DECEMBER, 1988.

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation



EUGENIA S. DULL, ET AL
DB 413, P 1
DB 438, P 296
DB 688, P 463
DB 757, P 458
DB 770, P 87, 88 & 184
DB 781, P 478
DB 824, P 125

CURVE DATA
E-RAMP B
P.I. STA. 100+84.70
A 2°05'18" RT.
D 0°30'00"
R 11,459.16'
T 208.86'
L 417.67'

STA. 176+27.14 -L-MED. END R/W STATE PROJECT 8.1620402 (AA)
STA. 176+27.14 -L-MED. END R/W F.A. PROJECT 1-40-3(5)1188

STA. 177+50.00 -L-MED. END STATE PROJECT
STA. 177+50.00 -L-MED. END F.A. PROJECT

NOTE: A 6" MINIMUM COVER SHALL BE MAINTAINED WHILE HAULING OVER THE EXISTING 30" WATER LINE AT STA 177+84.50

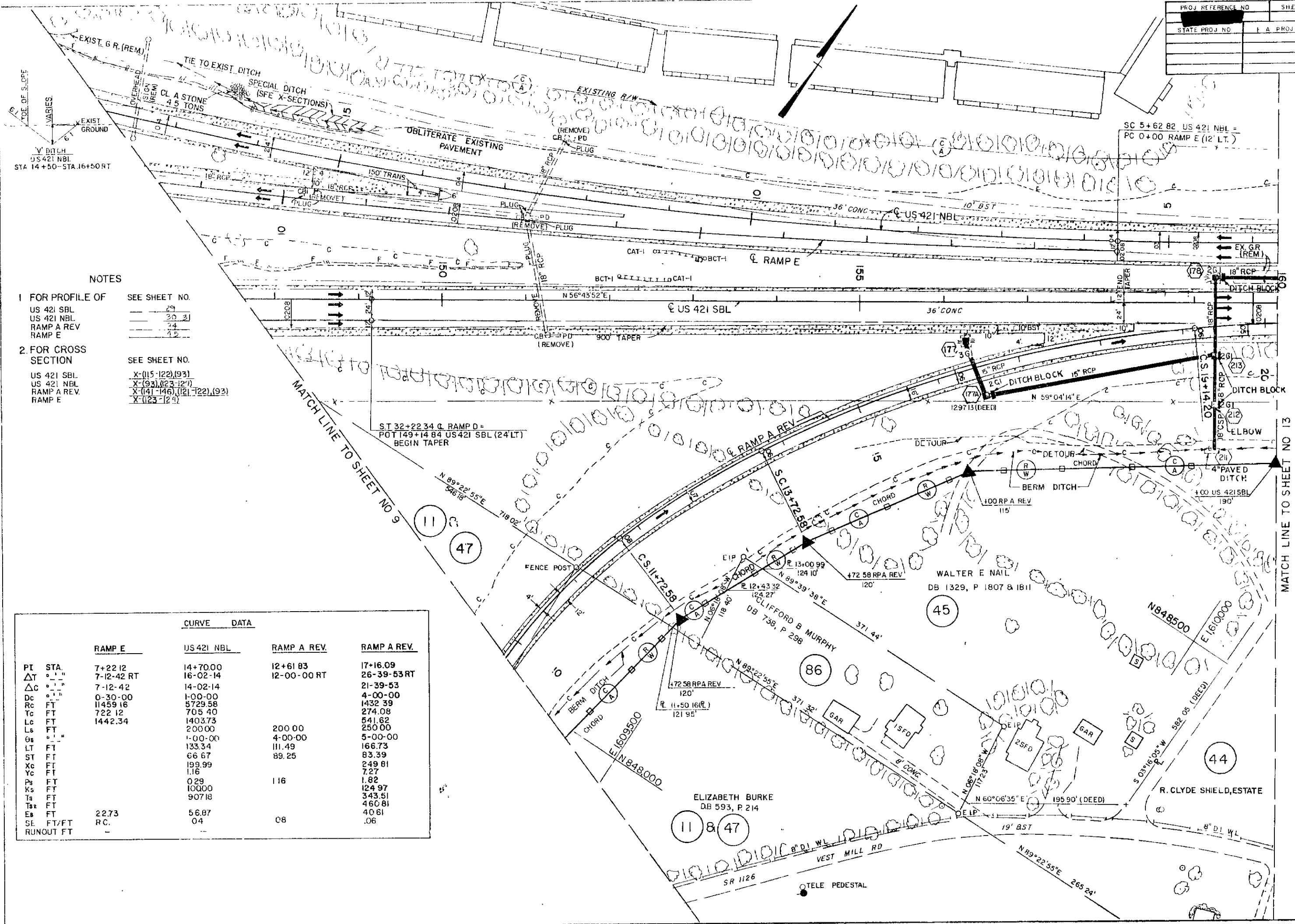


1400
DEPARTMENT OF TRANSPORTATION

Custodian of Minutes of Board of Transportation

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
 I, Paulina Winger, do hereby certify that this is a true and correct copy of the
 of the final plans for Project 8-1620402, identified as DEEDS
 of Plan Sheet 11 to the minutes on file in my office of DECEMBER
 Addendum 11 in the minutes on file in my office of DECEMBER
 19 88, Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set
 my hand this the 19 day of DECEMBER, 19 88.

PROJ REFERENCE NO	SHEET NO	TOTAL SHEETS
STATE PROJ NO	12	
F A PROJ NO		
DESCRIPTION		



NOTES

- FOR PROFILE OF
US 421 SBL
US 421 NBL
RAMP A REV
RAMP E
- FOR CROSS SECTION
US 421 SBL
US 421 NBL
RAMP A REV
RAMP E

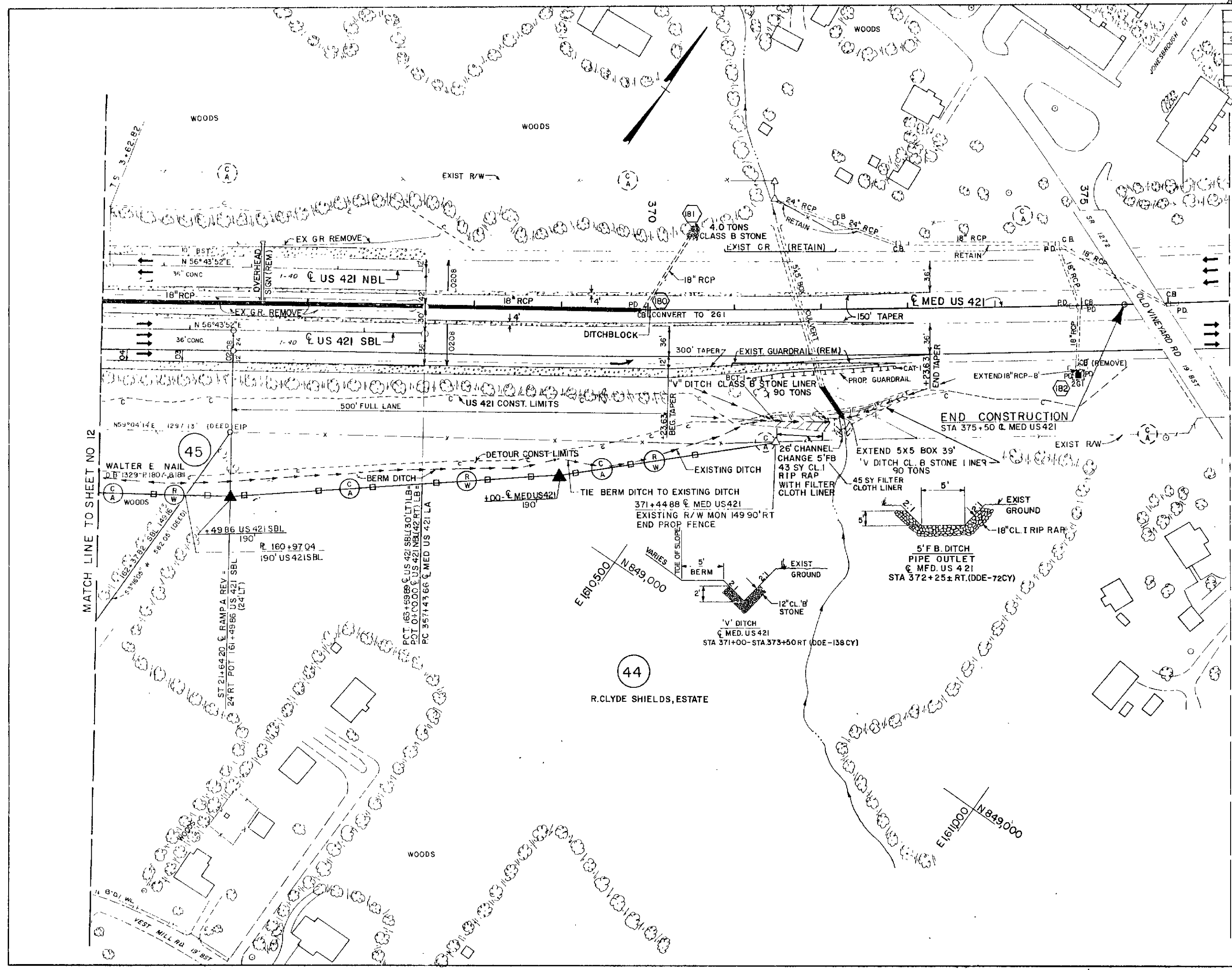
SEE SHEET NO.	
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		CURVE DATA			
		RAMP E	US 421 NBL	RAMP A REV.	RAMP A REV.
PI	STA	7+22.12	14+70.00	12+61.83	17+16.09
ΔT		7-12-42 RT	16-02-14	12-00-00 RT	26-39-53 RT
ΔC		7-12-42	14-02-14		21-39-53
Dc	FT	0-30-00	1-00-00		4-00-00
Rc	FT	11459.16	3729.58		1432.39
Lc	FT	722.12	705.40		274.08
Ls	FT	1442.34	1403.73		541.62
Ge	FT		200.00		250.00
LT	FT		1-00-00		5-00-00
ST	FT		133.34		166.73
Xc	FT		66.67		83.39
Yc	FT		199.99		249.81
Pa	FT		1.16		7.27
Ks	FT		0.29	116	1.82
Ts	FT		10000		124.97
Tst	FT		907.18		343.51
Es	FT				460.81
SE	FT/FT	22.73	56.87	08	40.61
RUNOUT	FT		04		.06

Mar 3 11 09 AM '89

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, William H. Hargrett, do hereby certify that this is a true and correct copy of Plan Sheet 12 of the final plans for Project 8-1620402, identified as Addendum 11 to the minutes on file in my office of the 9 day of December, 1988. Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this the 19 day of December, 1988.

DEPARTMENT OF TRANSPORTATION
REGISTERED PROFESSIONAL ENGINEER
JOHN W. HARGRETT, JR.
Custodian of Minutes of Board of Transportation



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
	13	
STATE PROJ NO.	F A PROJ NO.	DESCRIPTION

NOTES

1. FOR PROFILE OF SEE SHEET NO
- US 421 SBL — 12
US 421 NBL — 12
MED. US 421 — 12
2. FOR CROSS SECTION SEE SHEET NO
- US 421 SBL X (93-99)
US 421 NBL X (93-99)
MED. US 421 X (93-99)

Mar 3 11 09 AM '89

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, William D. Hargrett, do hereby certify that this is a true and correct copy of the final plans for Project 8.162.0402, identified as US 421 SBL, to the minutes on file in my office of the 9 day of DECEMBER, 19 88, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 19 day of DECEMBER, 19 88.

DEPARTMENT OF TRANSPORTATION

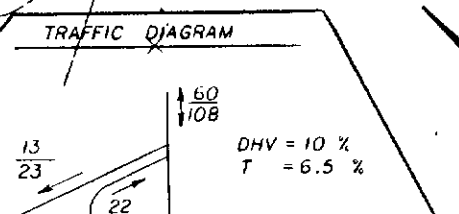
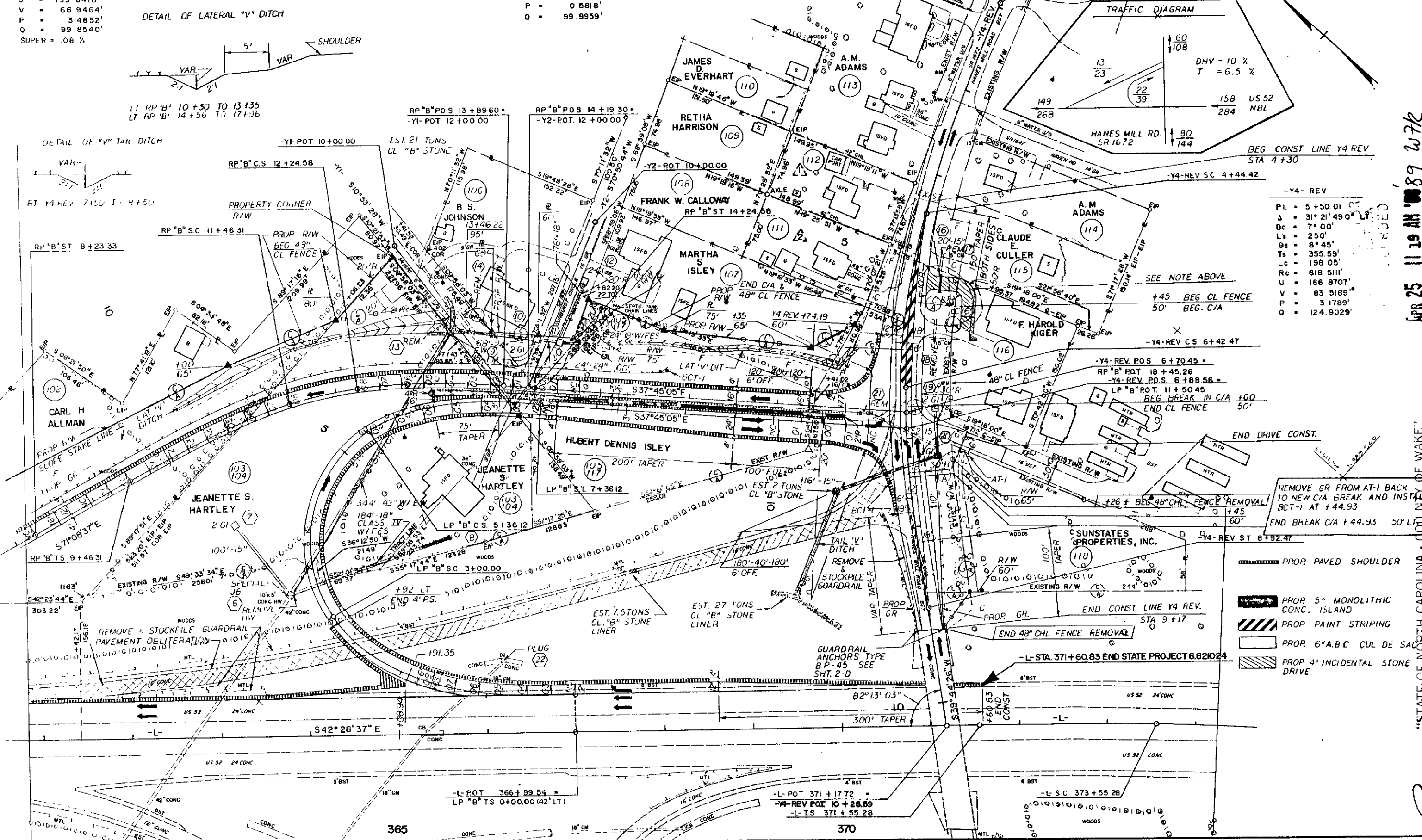
William D. Hargrett
Custodian of Minutes of Board of Transportation

RAMP 'B'		LOOP 'B'		-L-	
PI	11+90.42	PI	2+11.46	PI	379+53.78
Δ	33° 23' 32" RT.	Δ	57° 00' RT	Δ	27° 24' RT
Dc	12° 00'	Dc	38° 00'	Dc	2° 00'
Ls	200'	Ls	300'	Ls	200'
Os	12° 00'	Os	38° 00'	Os	2° 00'
Ts	244.11'	U	211.4590'	Ts	798.4980'
Lc	78.2685'	V	110.4947'	Lc	1170.00'
Rc	477.4648'	P	24.0101'	Rc	2864.7890'
U	133.6410'	Q	145.1853'	U	133.3418'
V	66.9464'			V	66.6744'
P	3.4852'			P	0.5818'
Q	99.8540'			Q	99.9959'
SUPER	.08 1/2				

SEE SHEET NO 6 FOR PROFILE OF RAMP 'B'
SEE SHEET NO 7 FOR PROFILE OF LOOP 'B'

PROJ. REFERENCE NO	SHEET NO	TOTAL SHEETS
6.621024	5	
STATE PROJ NO	F A PROJ NO	DESCRIPTION

NOTE: Y4 REV 5+20 LEFT, 16' DRIVE (APPROX) WITH 4" OF INCIDENTAL STONE. DESIGN TO BE ADJUSTED DURING CONST. AND APPROVED BY THE ENGINEER.



-Y4- REV	
PI	5+50.01
Δ	31° 21' 49" RT
Dc	7° 00'
Ls	250'
Os	8° 45'
Ts	355.59'
Lc	198.05'
Rc	818.511'
U	166.8707'
V	83.5189'
P	3.1789'
Q	124.9029'

- PROR PAVED SHOULDER
- PROR 5" MONOLITHIC CONC. ISLAND
- PROR PAINT STRIPING
- PROR 6" A.B.C. CUL DE SAC
- PROR 4" INCIDENTAL STONE DRIVE

"STATE OF NORTH CAROLINA - DOT, N.Y. OF WAKE"

APR 25 11 19 AM '89 WTK

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation
WHEREOF, I have hereunto set my hand this 14 day of MARCH 1989