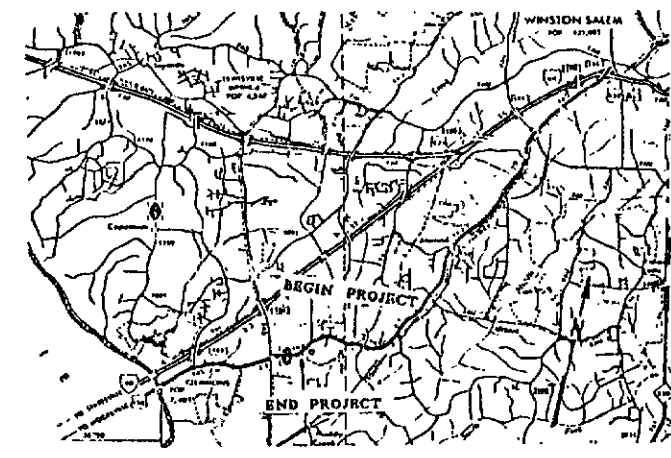


545

PROJECT: U-2311D

See Sheet 1-A For Index of Sheets
See Sheet 1-B For Conventional Symbols



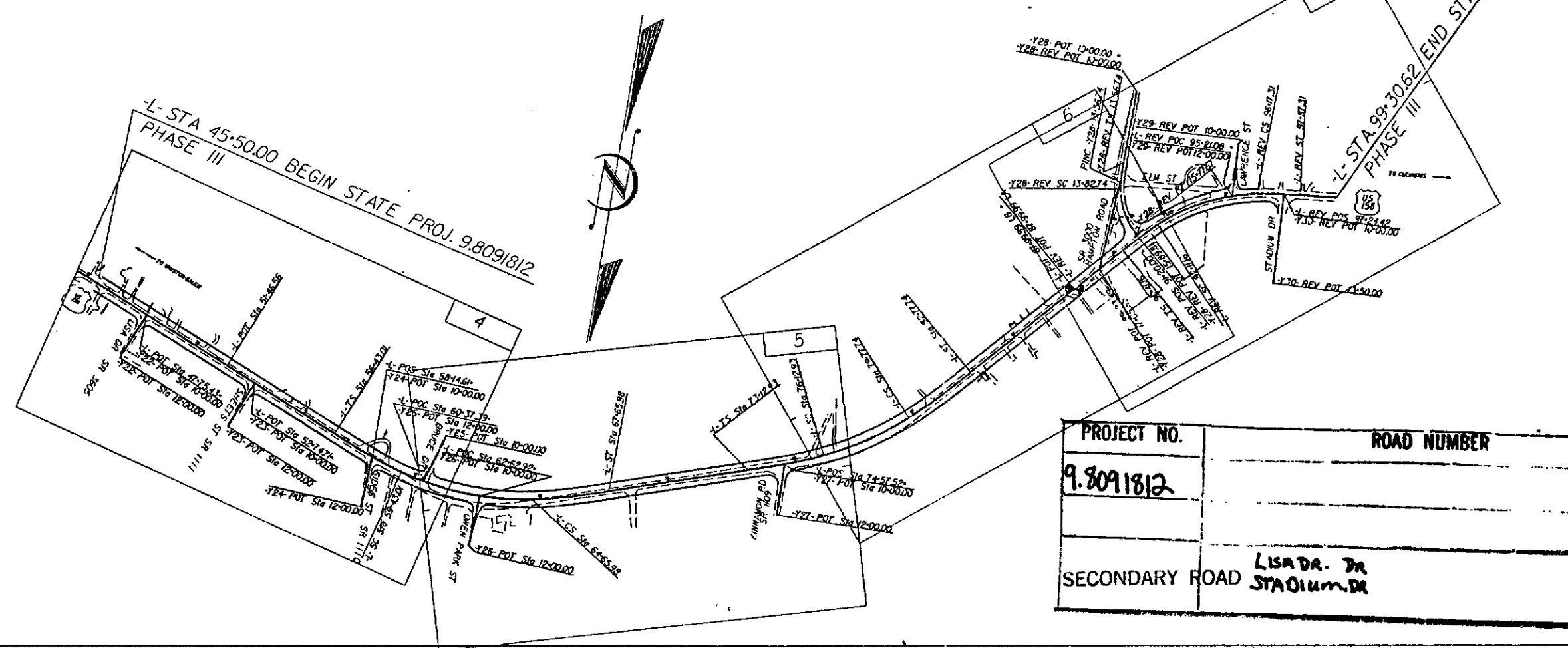
VICINITY MAP OF STATE
PROJECT 9.8091812

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
FORSYTH

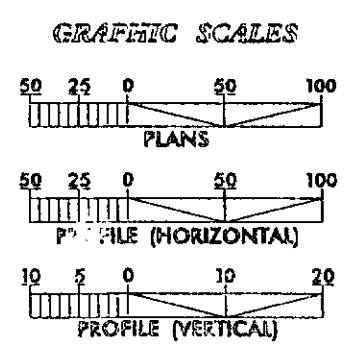
LOCATION: FROM A POINT EAST OF LISA
DRIVE TO JUST WEST OF STADIUM DRIVE

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

STATE	STATE PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
N.C.	U-2311D	1	52
STATE FPM NO.	F.A. FPM NO.	REVISION	
9.8091812		PE - R/W	



PROJECT NO.	ROAD NUMBER
9.8091812	
SECONDARY ROAD	LISA DR. DR STADIUM DR



DESIGN DATA
ADT 1994 = 16,000
ADT 2014 = 28,000
DMV = 10% 28,000
D = 60%
T = 2%
V = 50 MPH

PROJECT LENGTH
TOTAL LENGTH OF STATE PROJECT = 1.019 MILES
TOTAL LENGTH OF ROADWAY PROJECT = 1.019 MILES

Prepared in the Office of: DIVISION OF HIGHWAYS NINTH DIVISION DESIGN-CONSTRUCT OFFICE WINSTON-SALEM, N.C.
RIGHT OF WAY DATE: LETTING DATE: AUGUST 16, 1994
MICHAEL T. PATTON, P.E. DIVISION CONSTRUCTION ENGINEER CONNIE K. MCGEE, P.E. DESIGN-CONSTRUCT ENGINEER

STATE HYDRAULICS ENGINEER
SIGNATURE: P.E. DIVISION DESIGN CONNIE K. MCGEE, P.E. 2-10-94

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA
TRANSPORTATION ENGINEER SUPERVISOR I DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION APPROVED FOR CONSTRUCTION ADMINISTRATION DATE

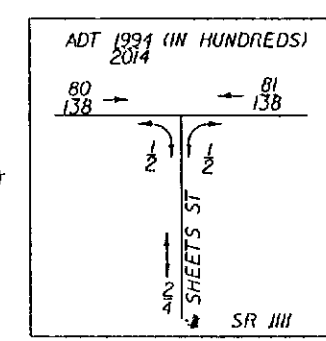
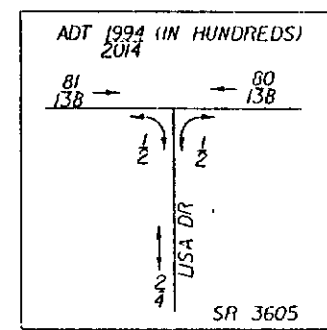
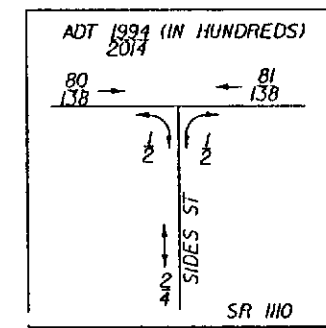
PRESENTED FOR
REGISTRATION
OF TRANSPORTATION
ENGINEER
AND RECORD
BY
L.E. SPEAS
REGISTER OF DEEDS
FORSYTH CO. N.C.
Custodian of Minutes Board of Transportation
94 OCT 31 P12:38
1994
September 1994
"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, Michael T. Patton, do hereby certify that this is a true and correct copy of the final plans for Project 9.8091812, identified and recorded on file in my office of the 9th day of September, 1994, Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this the 19th day of September, 1994.

546

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
9.8091842	4	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091842		PE - R/W

BEGIN STATE PROJ. 9.8091842
PHASE III - L- Sta 45+50.00

PI Sta 58+43.19 G = 7' 30" 0" Ls = 300.00' Rc = 1145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 20018' ST = 10016' TS Sta 56+43.01 ST Sta 59+43.01	PI Sta 62+09.13 G = 7' 30" 0" Ls = 300.00' Rc = 1145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 20018' ST = 10016' TS Sta 64+65.98 ST Sta 67+65.98	PI Sta 65+66.14 G = 7' 30" 0" Ls = 300.00' Rc = 1145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 20018' ST = 10016' TS Sta 64+65.98 ST Sta 67+65.98
--	--	--



BM* 22
ELEV. 760.23
R/R SPIKE IN 30' OAK TREE 45'
LT. OF -L- STA. 48+21

BM* 41
ELEV. 757.36
R/R SPIKE IN ASPHALT ISLAND 18.5'
RT. OF -L- STA. 55+46

BM* 47
ELEV. 748.40
CHISELED SQUARE IN CONCRETE PAD
67' LT. OF -L- STA. 55+47

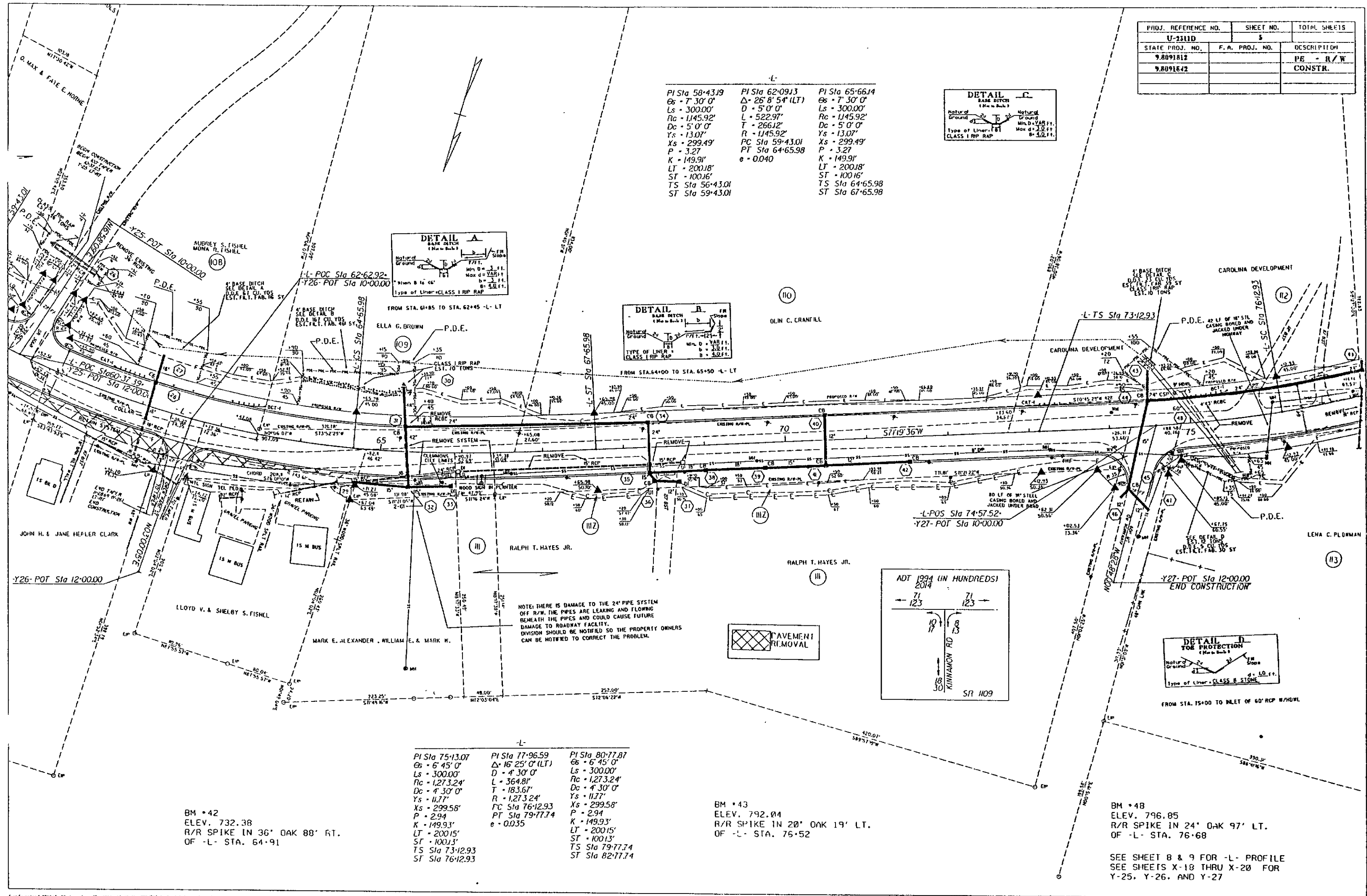


PRESENTED FOR
REGISTRATION
AND RECORDED

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, *Pauline Williams*, do hereby certify that this is a true and correct copy of the final plans for Project 9.8091842, identified as *Pauline Williams*, to the minutes on file in my office of the 19th day of September, 1994. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand and the seal of my office, this 19th day of September, 1994.

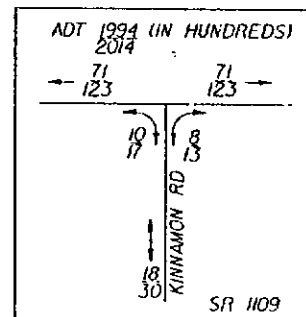
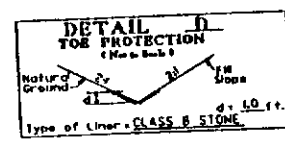
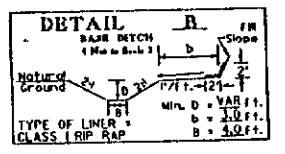
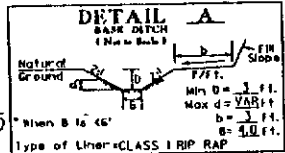
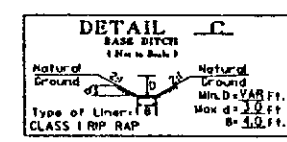
REGISTER OF DEEDS
FORSYTH CO. N.C.

547



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-2311D	5	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091642		CONSTR.

PI Sta 58+43.99	PI Sta 62+09.13	PI Sta 65+66.14
Gs = 7' 30' 0"	Gs = 7' 30' 0"	Gs = 7' 30' 0"
Ls = 300.00'	Ls = 300.00'	Ls = 300.00'
Rc = 1145.92'	Rc = 1145.92'	Rc = 1145.92'
Dc = 5' 0' 0"	Dc = 5' 0' 0"	Dc = 5' 0' 0"
Ys = 13.07'	Ys = 13.07'	Ys = 13.07'
Xs = 299.49'	Xs = 299.49'	Xs = 299.49'
P = 3.27	P = 3.27	P = 3.27
K = 149.91'	K = 149.91'	K = 149.91'
LT = 200.18'	LT = 200.18'	LT = 200.18'
ST = 100.16'	ST = 100.16'	ST = 100.16'
TS Sta 56+43.01	TS Sta 64+65.98	TS Sta 67+65.98
ST Sta 59+43.01	ST Sta 67+65.98	ST Sta 67+65.98



PI Sta 75+13.07	PI Sta 77+96.59	PI Sta 80+77.87
Gs = 6' 45' 0"	Gs = 6' 45' 0"	Gs = 6' 45' 0"
Ls = 300.00'	Ls = 300.00'	Ls = 300.00'
Rc = 1273.24'	Rc = 1273.24'	Rc = 1273.24'
Dc = 4' 30' 0"	Dc = 4' 30' 0"	Dc = 4' 30' 0"
Ys = 11.77'	Ys = 11.77'	Ys = 11.77'
Xs = 299.58'	Xs = 299.58'	Xs = 299.58'
P = 2.94	P = 2.94	P = 2.94
K = 149.93'	K = 149.93'	K = 149.93'
LT = 200.15'	LT = 200.15'	LT = 200.15'
ST = 100.13'	ST = 100.13'	ST = 100.13'
TS Sta 73+12.93	TS Sta 79+77.74	TS Sta 79+77.74
ST Sta 76+12.93	ST Sta 82+77.74	ST Sta 82+77.74

BM +43
ELEV. 792.04
R/R SPIKE IN 20' OAK 19' LT.
OF -L- STA. 75+52

BM +48
ELEV. 796.85
R/R SPIKE IN 24' OAK 97' LT.
OF -L- STA. 76+68

SEE SHEET 8 & 9 FOR -L- PROFILE
SEE SHEETS X-18 THRU X-20 FOR
Y-25, Y-26, AND Y-27

PRESENTED FOR
STATE OF NORTH CAROLINA - COUNTY OF WAKE
do hereby certify that this is a true and correct copy of the original plan for Project 9.8091812, as shown and recorded in the minutes of the Board of Transportation, dated September 19, 1994, at the 19th day of September, 1994.
L. E. SPEAS
REGISTER OF DEEDS FOR FORSYTH CO., N.C.

548

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-2311D	6	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091842		CONSTR.

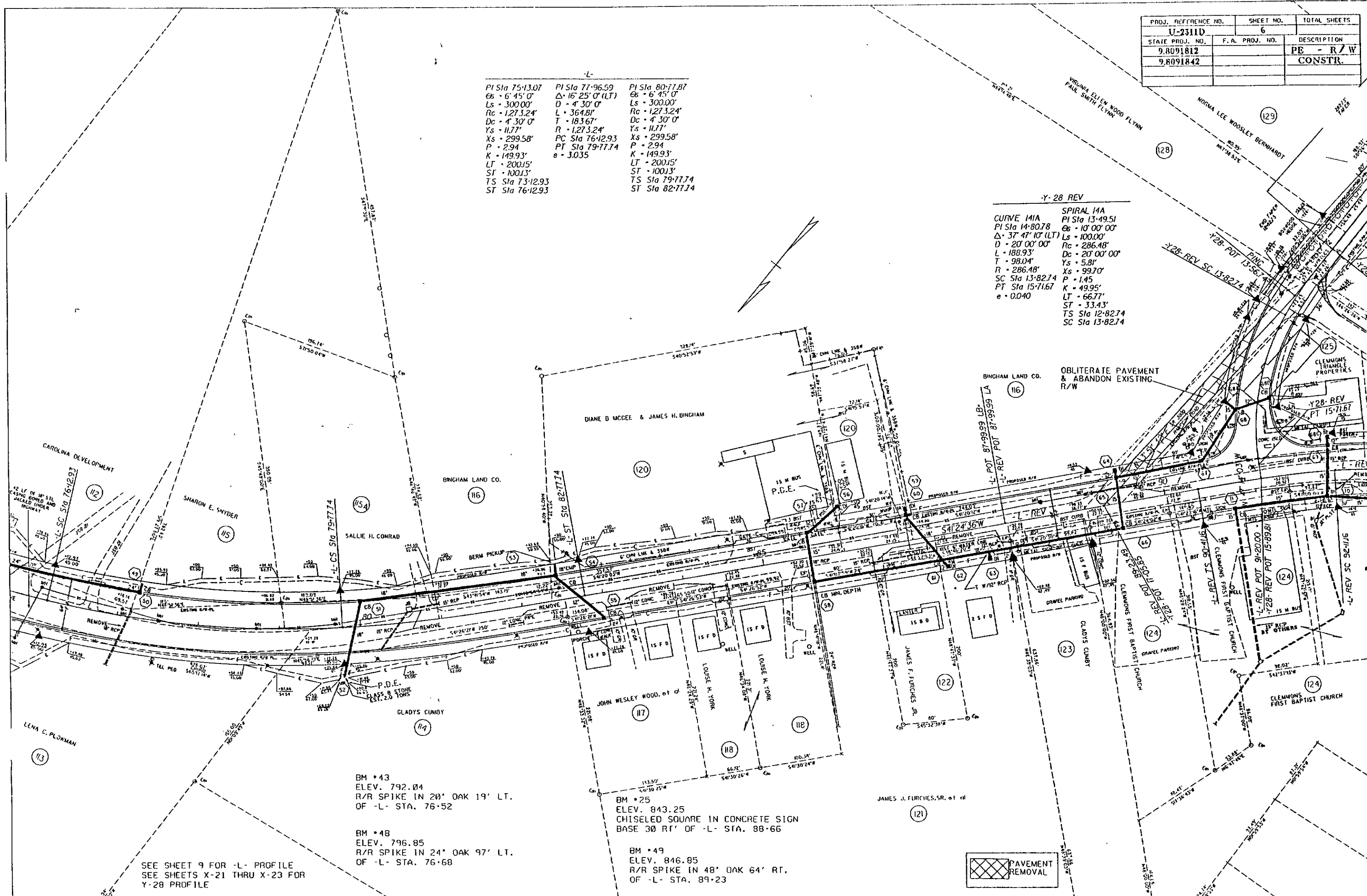
PI Sta 75+13.07
G6 = 6' 45" 0"
Ls = 300.00'
Rc = 1273.24'
Dc = 4' 30" 0"
Ys = 11.77'
Xs = 299.58'
P = 2.94
K = 149.93'
LT = 200.15'
ST = 100.13'
TS Sta 73+12.93
ST Sta 76+12.93

PI Sta 77+96.59
G6 = 6' 25" 0" (LT)
Ls = 364.81'
Rc = 1273.24'
Dc = 4' 30" 0"
Ys = 11.77'
Xs = 299.58'
P = 2.94
K = 149.93'
LT = 200.15'
ST = 100.13'
TS Sta 79+77.74
ST Sta 82+77.74

PI Sta 80+77.87
G6 = 6' 45" 0"
Ls = 300.00'
Rc = 1273.24'
Dc = 4' 30" 0"
Ys = 11.77'
Xs = 299.58'
P = 2.94
K = 149.93'
LT = 200.15'
ST = 100.13'
TS Sta 82+77.74
ST Sta 85+77.74

Y-28 REV
CURVE 141A
PI Sta 13+49.51
G6 = 10' 00" 00"
Ls = 100.00'
Rc = 286.48'
Dc = 20' 00" 00"
Ys = 5.81'
Xs = 99.70'
P = 1.45
K = 49.95'
LT = 66.77'
ST = 33.43'
TS Sta 12+82.74
SC Sta 13+82.74

SPIRAL 14A
PI Sta 13+49.51
G6 = 10' 00" 00"
Ls = 100.00'
Rc = 286.48'
Dc = 20' 00" 00"
Ys = 5.81'
Xs = 99.70'
P = 1.45
K = 49.95'
LT = 66.77'
ST = 33.43'
TS Sta 12+82.74
SC Sta 13+82.74

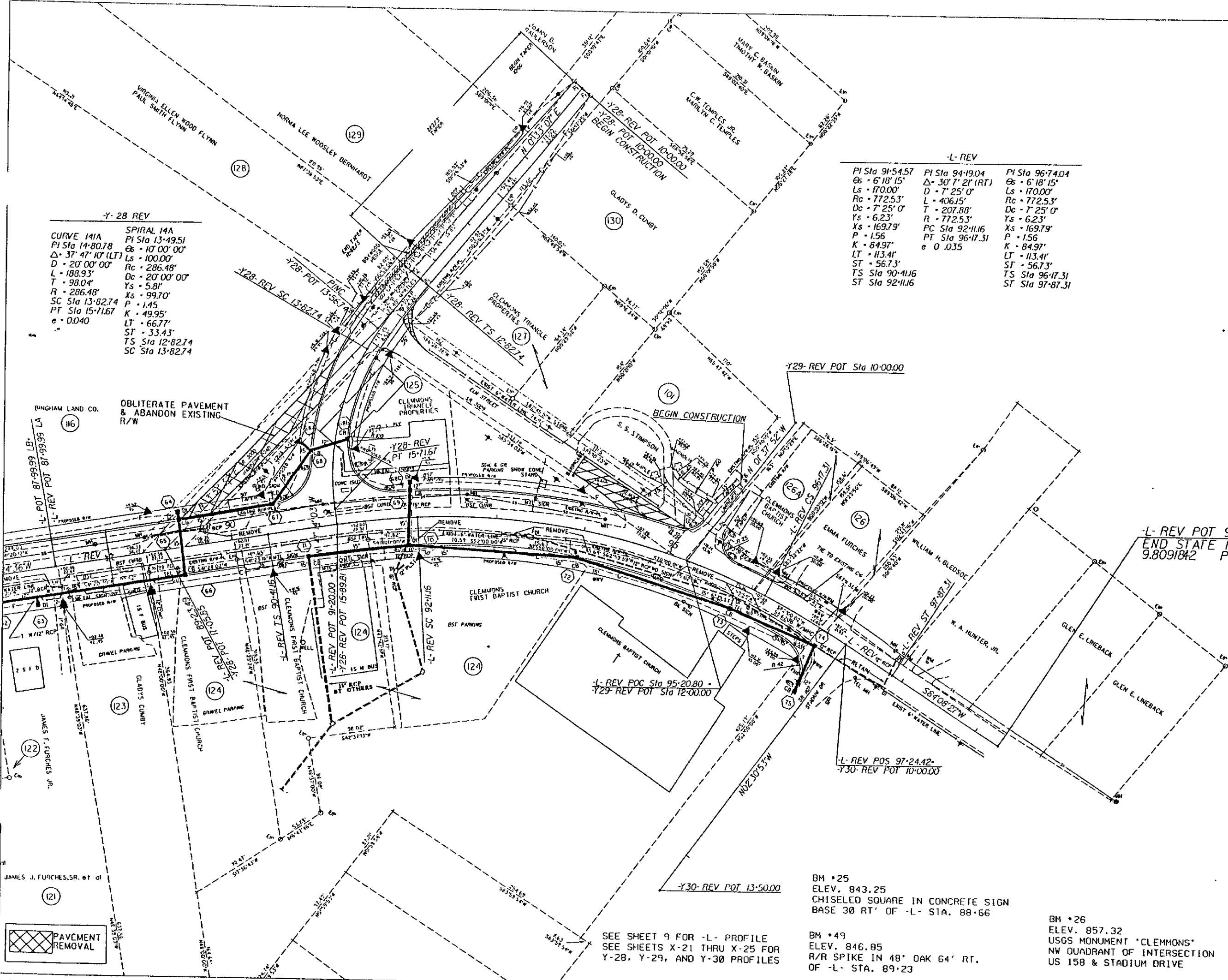
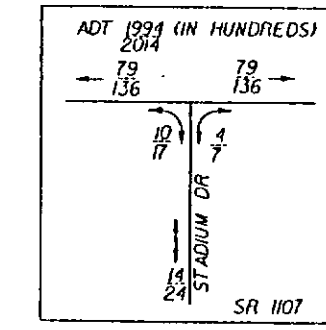
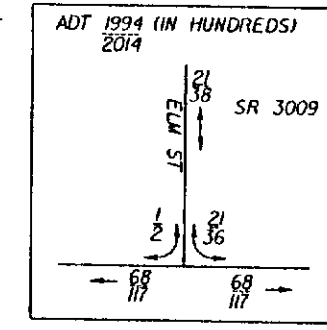
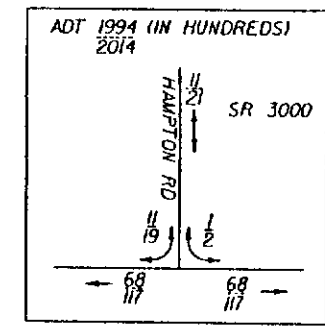


PRESENTED FOR
REGISTRATION
AND RECORD
DEPARTMENT OF TRANSPORTATION
COUNTY OF WAKE
I, Caroline Wright, do hereby certify that this is a true and correct copy
of Plan Sheet 6 of the final plans for Project 9.8091812 identified as Y-28 REV
Addendum 8 to the minutes on file in the office of the Board of Transportation
on the 19 day of September, 19 94.
my hand this 19 day of September, 19 94.

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

549

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-2311D	7	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091842		CONSTR.



-L- REV		
PI Sta 91-54.57	PI Sta 94-19.04	PI Sta 96-74.04
Es = 6' 18' 15"	Es = 6' 18' 15"	Es = 6' 18' 15"
Ls = 170.00'	Ls = 170.00'	Ls = 170.00'
Rc = 772.53'	Rc = 772.53'	Rc = 772.53'
Dc = 7' 25' 0"	Dc = 7' 25' 0"	Dc = 7' 25' 0"
Ys = 6.23'	Ys = 6.23'	Ys = 6.23'
Xs = 169.79'	Xs = 169.79'	Xs = 169.79'
P = 1.56	P = 1.56	P = 1.56
K = 84.97'	K = 84.97'	K = 84.97'
LT = 113.41'	LT = 113.41'	LT = 113.41'
ST = 56.73'	ST = 56.73'	ST = 56.73'
TS Sta 90-41.16	TS Sta 96-17.31	TS Sta 97-87.31
ST Sta 92-11.16	ST Sta 97-87.31	ST Sta 97-87.31

SEE SHEET 9 FOR -L- PROFILE
SEE SHEETS X-21 THRU X-25 FOR
Y-28, Y-29, AND Y-30 PROFILES

BM *25
ELEV. 843.25
CHISELED SQUARE IN CONCRETE SIGN
BASE 30 RT' OF -L- STA. 88-66

BM *49
ELEV. 846.85
R/R SPIKE IN 48' OAK 64' RT.
OF -L- STA. 89-23

BM *26
ELEV. 857.32
USGS MONUMENT "CLEMONS"
NW QUADRANT OF INTERSECTION
US 158 & STADIUM DRIVE

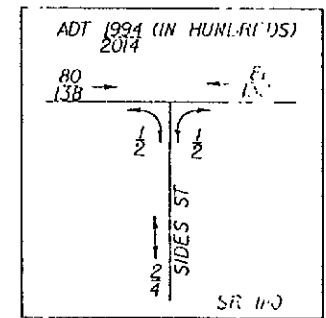
PRESENTED FOR
REGISTRATION
AND RECORD
OF THE
BOARD OF TRANSPORTATION
OF THE
STATE OF NORTH CAROLINA - COUNTY OF WAKE
do hereby certify that this is a true and correct copy of the
of the final plans for Project
9.8091812, identified as
to the minutes on file in the
of the day of September
1994 Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set
my hand this 19 day of September, 1994.

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

550

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		R/W

PI Sta 58+43.19 Cv = 7' 30" 0" Ls = 300.00' Rc = 1145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 200.18' ST = 100.16' TS Sta 56+43.01 ST Sta 59+43.01	PI Sta 62+09.13 Cv = 7' 30" 0" Ls = 300.00' Rc = 1145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 200.18' ST = 100.16' TS Sta 64+65.98 ST Sta 67+65.98	PI Sta 65+66.14 Cv = 7' 30" 0" Ls = 300.00' Rc = 1145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 200.18' ST = 100.16' TS Sta 64+65.98 ST Sta 67+65.98
---	---	---



THIS IS A TRUE COPY OF THE REVISED PLANS SUBMITTED TO THE CONTRACTOR ON THIS PROJECT
OCT 11 1994
R. T. SHAW
State Roadway Design Engineer
BY: 9.7.94

PRESENTED FOR
REGISTRATION
AND RECORDED

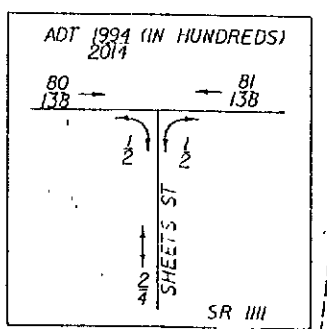
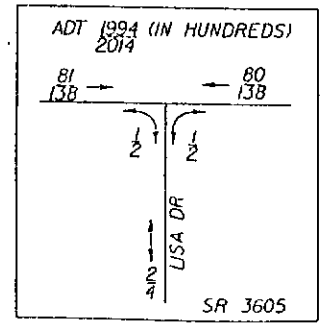
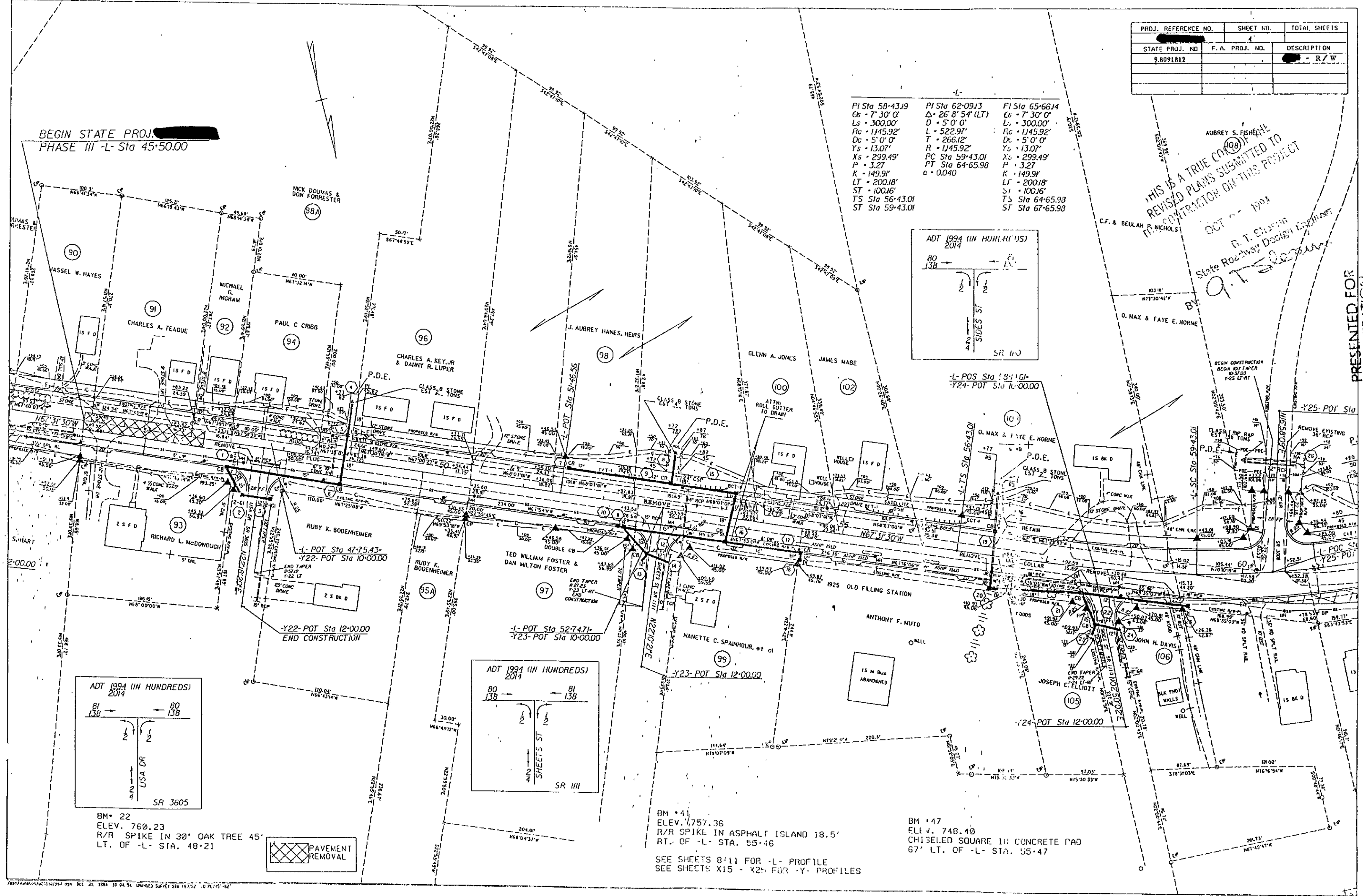
95 JAN 23 1995
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

REGISTER OF DEEDS
REGISTERED
LIE SPEAS Custodian of Minutes of Board of Transportation
WORTH CO. N.C.
\$500.00
Kerry Parker

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

of revised Plan Sheet 4, do hereby certify that the same are true and correct and that the same have been approved and recorded by the State of North Carolina and the County of Wake, North Carolina, and that the same are the only ones on file in the Office of the Register of Deeds, County of Wake, North Carolina, as of the date of recording, to wit: the 19th day of December, 1994.

WHEREOF, I have hereunto set my hand this 19th day of December, 1994.



BM* 22
ELEV. 760.23
R/R SPIKE IN 30' OAK TREE 45'
LT. OF -L- STA. 48+21

BM* 41
ELEV. 757.36
R/R SPIKE IN ASPHALT ISLAND 18.5'
RT. OF -L- STA. 55+46

BM* 47
ELEV. 748.40
CHISELED SQUARE IN CONCRETE PAD
67' LT. OF -L- STA. 55+47

SEE SHEETS 8-11 FOR -L- PROFILE
SEE SHEETS X15 - X25 FOR -Y- PROFILES



551

PRESENTED FOR
DEPARTMENT OF TRANSPORTATION
RECORDED

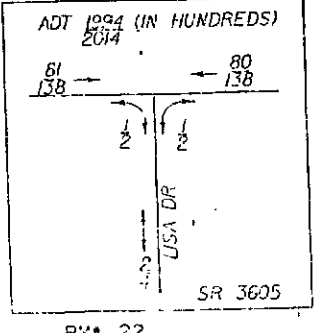
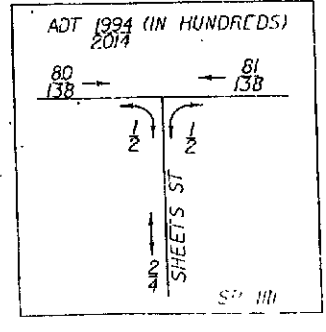
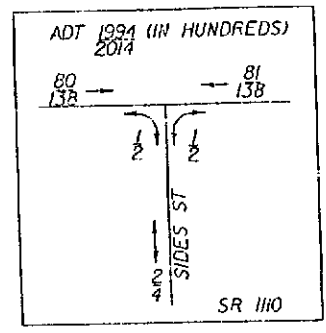
Custodian of Minutes of Board of Transportation
95 JAN 27 A9:48

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

STATE OF NORTH CAROLINA - COUNTY OF WAKE
I, *Charles W. Wright*, do hereby certify that this is a true and correct
copy of the final plans for Project 98091812
having been approved and adopted by the Board of Transportation
on the 12th day of January, 1975, to the minutes on file in my office of the
Board of Transportation, and I have hereunto set my hand this 13th day of January, 1975.

PROJECT	REVISION	SHEET NO.	TOTAL SHEETS
98091812		4	
STATE PROJ. NO.	F.A. PROJ. NO.	DESIGNATION	
98091812		PR - R/W	

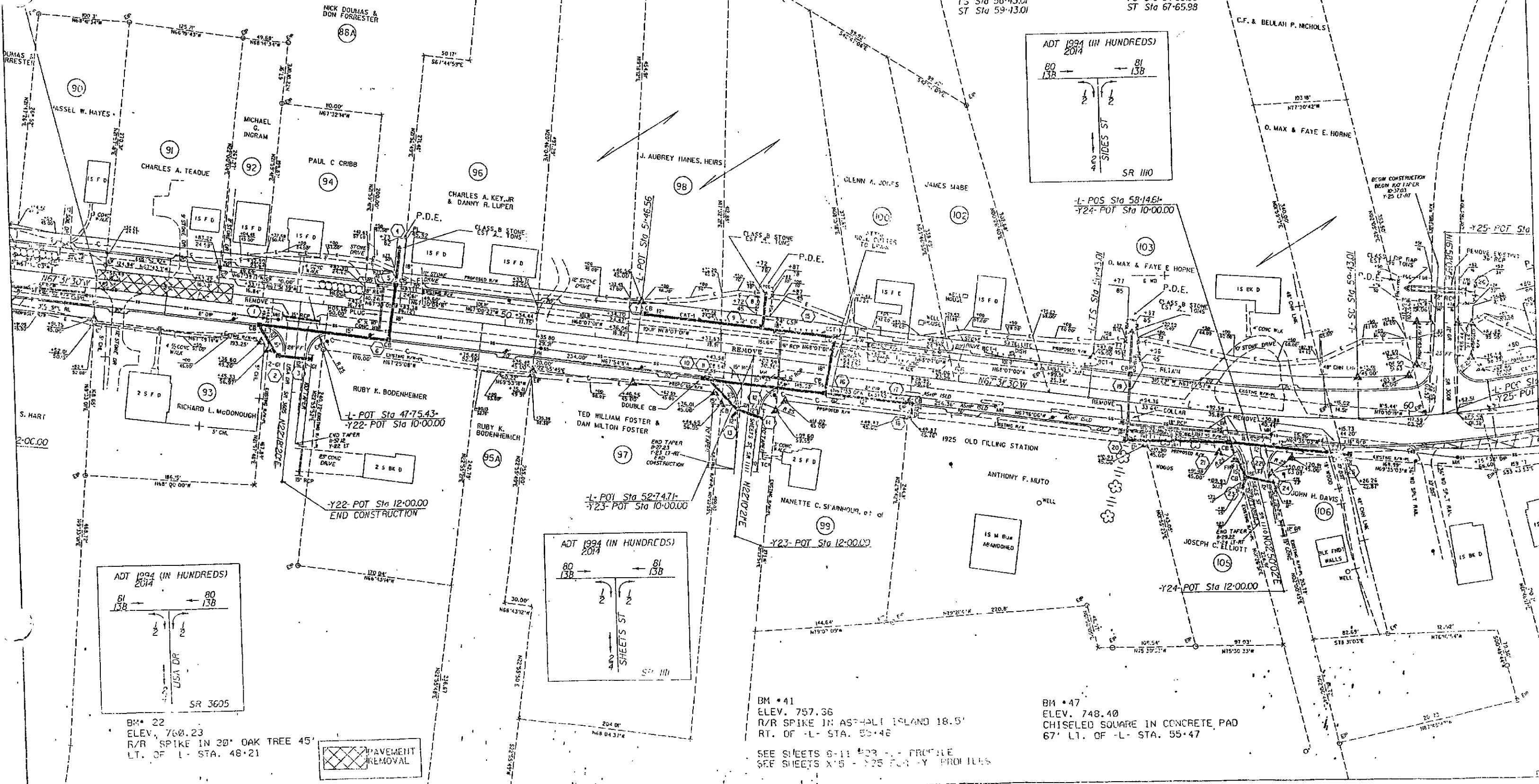
PI Sta 58+43.19 Ch = 7' 30" 0" Ls = 300.00 Rc = 1,145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 200.18' ST = 100.16' TS Sta 56+43.01 ST Sta 59+43.01	PI Sta 62+09.13 Ch = 26' 8" 5" 4" (LT) D = 5' 0" 0" L = 522.97' T = 266.12' R = 1,145.92' PC Sta 59+43.01 PT Sta 64+65.98 e = 0.040	PI Sta 65+66.14 Ch = 7' 30" 0" Ls = 300.00' Rc = 1,145.92' Dc = 5' 0" 0" Ys = 13.07' Xs = 299.49' P = 3.27 K = 149.91' LT = 200.18' ST = 100.16' TS Sta 64+65.98 ST Sta 67+65.98
---	---	--



BM #41
ELEV. 757.36
R/R SPIKE IN ASPHALT ISLAND 18.5'
RT. OF -L- STA. 55+46
SEE SHEETS 6-11 FOR -L- PROFILE
SEE SHEETS X-5 - X-25 FOR -Y- PROFILES

BM #47
ELEV. 748.40
CHISELED SQUARE IN CONCRETE PAD
67' LT. OF -L- STA. 55+47

BEGIN STATE PROJ. 98091812
PHASE III -L- Sta 45+50.00



DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, *Charles W. Myers*, do hereby certify that this is a true and correct copy of revised Plan Sheet *85* of the final plans for Project *8-2621602*, said revised plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum *8* to the minutes on file in my office of the *3* day of *February*, 19*95*, Board of Transportation meeting, in testimony WHEREOF, I have hereunto set my hand this the *13* day of *February*, 19*95*.

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO.	8	85
F. A. PROJ. NO.		
DESCRIPTION		

P.I. = 701.4653
Δ = 50°11'52" LT
D = 5°45'00"
L = 673.000
Qs = 5°45'00"
Ls = 200.00
Ts = 567.50
U = 133.40
V = 66.73
D = 16720

NOTE: 1'-6" CONC CURBING & GRASSED ISLAND ON -Y- 185+75 TO 187+25 TO BE RECONSTRUCTED, IF NECESSARY, DURING CONSTRUCTION, TO PROPERLY ALIGN WITH ADJUTING CONCRETE ISLAND AND STRUCTURE, TO BE AS DIRECTED BY THE ENGINEER.

EXIST. PERM. DRAIN. EASE. (U-2011B)

EXIST. TEMP. CONST. EASE (U-2011B)

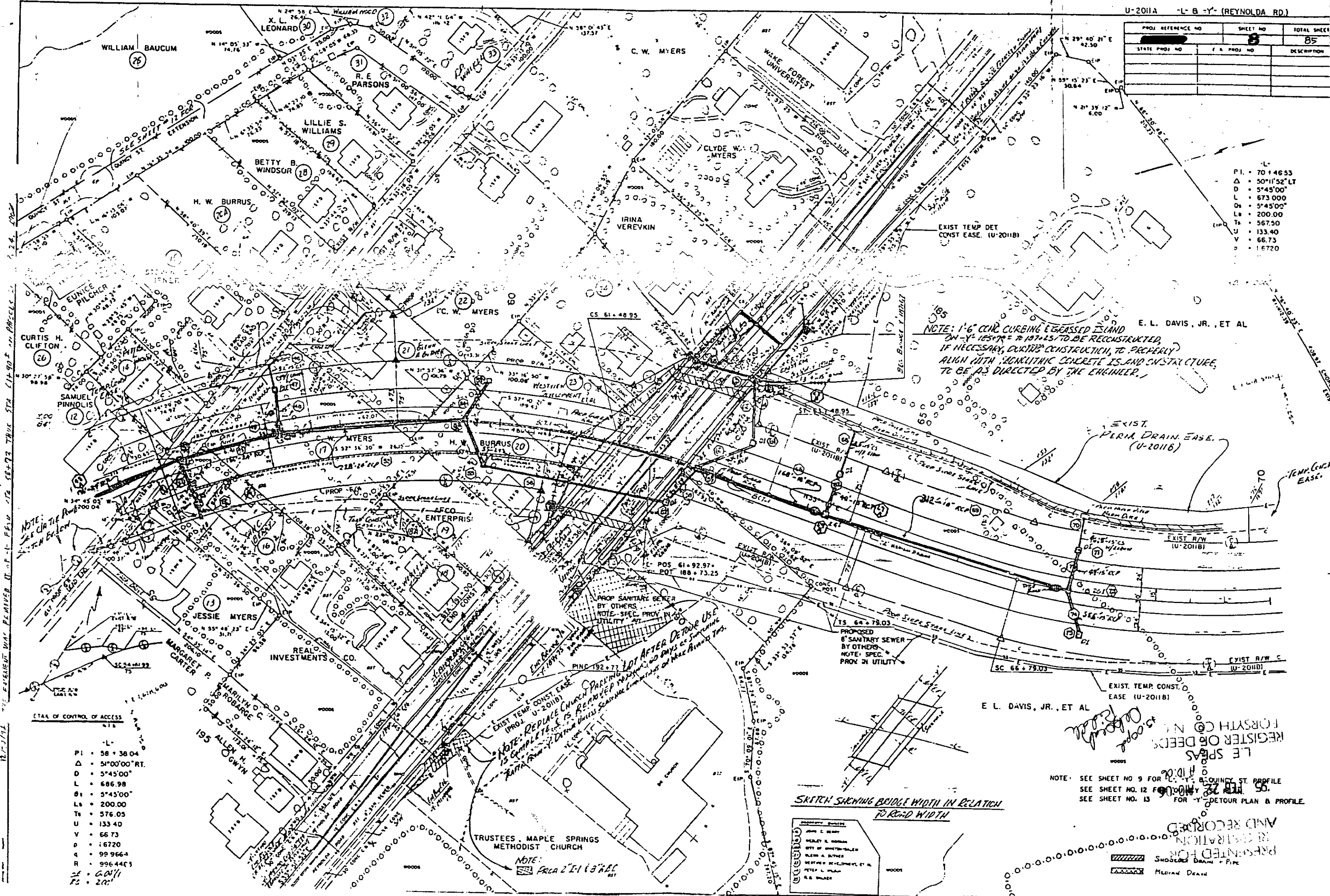
E. L. DAVIS, JR., ET AL

NOTE: SEE SHEET NO. 9 FOR L. & Y. B. COUNTY ST. PROFILE
SEE SHEET NO. 12 FOR COUNTY ST. PROFILE
SEE SHEET NO. 13 FOR -Y- DETOUR PLAN & PROFILE

SKETCH SHOWING BRIDGE WIDTH IN RELATION TO ROAD WIDTH

APPROVED FOR
JAMES C. BERRY
VICTOR A. BERRY
CITY OF WAKE-Forest
PLANNING & DESIGN
DEPARTMENT OF TRANSPORTATION
PETER L. BERRY
R. B. BERRY

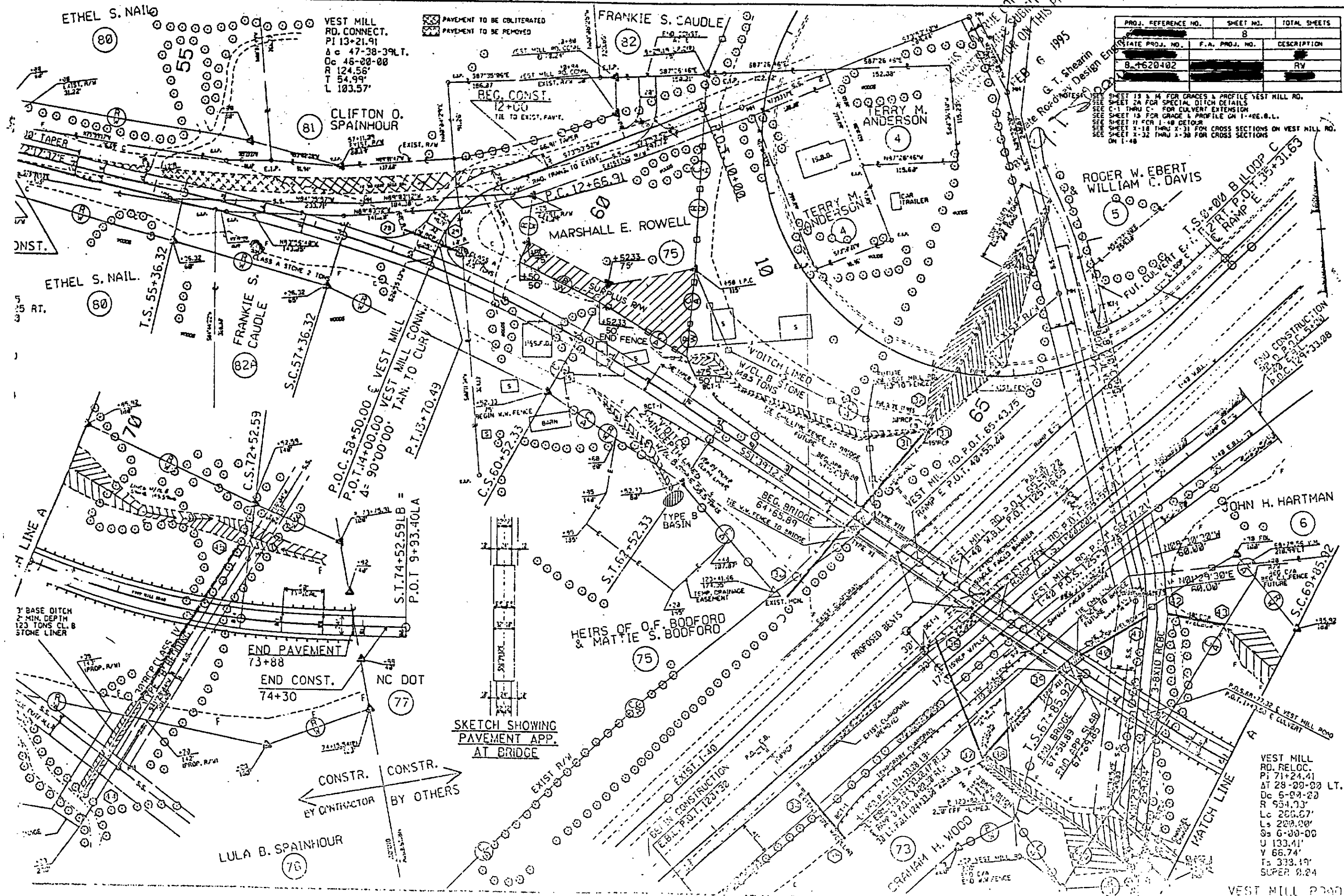
PRESENTED FOR
RECORDATION
SHOULDER DRAIN - PIPE
MEDIAN DRAIN



P.I. = 581.3804
Δ = 54°00'00" RT.
D = 5°45'00"
L = 686.98
Qs = 5°45'00"
Ls = 200.00
Ts = 576.05
U = 133.40
V = 66.73
D = 16720
4 = 99.9664
R = 996.4463
Δ = 60°11'
P2 = 200'

12-7-1994 THE EXHIBIT WAS RECEIVED BY THE CITY OF WAKE-Forest, NORTH CAROLINA, FOR THE PROJECT 8-2621602, AND IS BEING FILED FOR THE PROJECT 8-2621602.

2-6-95. SURPLUS R/W LEFT OF VEST MILL ROAD STA. 59+50 TO 61+75.

PRESENTED FOR
AND
DEPARTMENT OF TRANSPORTATION"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
identified as Addendum 13 to the minutes on file
with the Board of Transportation on the 13 day of March 1995.

WHEREOF, I have hereunto set my hand this 13 day of March 1995.

Customs of Bureau of Board of Transportation

MAR 23 1995

5.00
LIE SPEAS
REGISTER OF DE
WYTH CODeke
Eamhardt