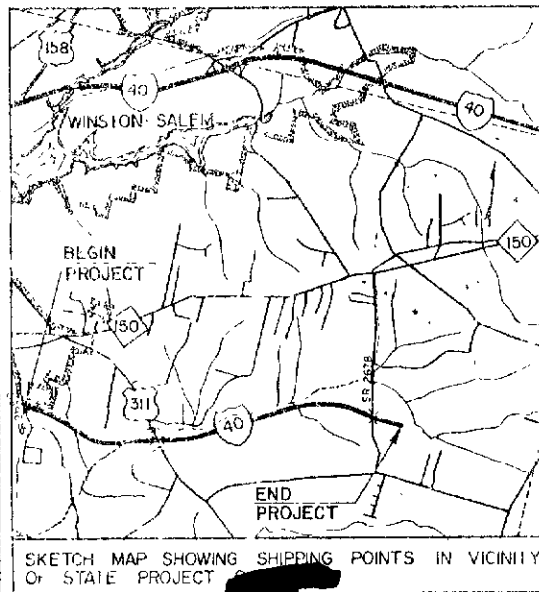


PROJECT: I-900 BA

SEE SHEET 1A FOR INDEX OF SHEETS



PROJECT NO.	ROAD NAME
8.1620403	I-40 BYP, US 311 (HIGH POINT RD)
	SR 2699 (COLE ROAD), SR 2711 (FANNING RD)
	SR 2733 (HINES DRIVE)
	SR 2678 (OAK GROVE ROAD)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FORSYTH COUNTY

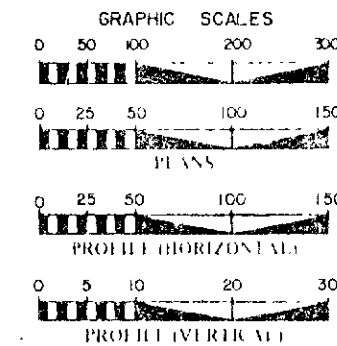
LOCATION: I-40 BYPASS FROM 1068' WEST OF COLE ROAD
(SR 2699) EASTERLY TO 425' EAST OF
OAK GROVE ROAD (SR 2678)

TYPE OF WORK: GRADING, DRAINAGE, STRUCTURES,
PAVING, GUARDRAIL, FENCING, SIGNING,
LONG-LIFE AND SNOWPLOWABLE
PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
NC		1	
NO.	PROJECT NO.	DESCRIPTION	
8.1620403		R/W	

CONVENTIONAL SYMBOLS

County Line	-----
City or Town Line	-----
Exist. Right of Way Line & Marker	-----
Right of Way 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	-----
Locust Line	-----
Temporary Silt Fence	-----
Guard Rail	-----
Sanitary Sewer Line	-----
Water Line	-----
Gas Line	-----
Proposed Woven Wire Fence	-----
Proposed Chain Link Fence	-----
EQUALITY DITCH BLOCK	-----



DESIGN DATA

1986 ADI	22,700
2006 ADI	36,500
DIIV	11%
D	62%
I	16%
V	70 MPH

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

LENGTH ROADWAY F.A. PROJECT = 3.091 MI.
LENGTH STRUCTURE F.A. PROJECT = 0.034 MI.
TOTAL LENGTH STATE PROJECT = 3.125 MI.

PLANS PREPARED BY: FLORENCE B HUTCHESON and ROADWAY DESIGN
PROJ. ENGR. - R E PEARSON, P.E.
PROJ. DESIGN ENGR. - J F GRZEBIEN

LETTING DATE: JULY 18, 1989

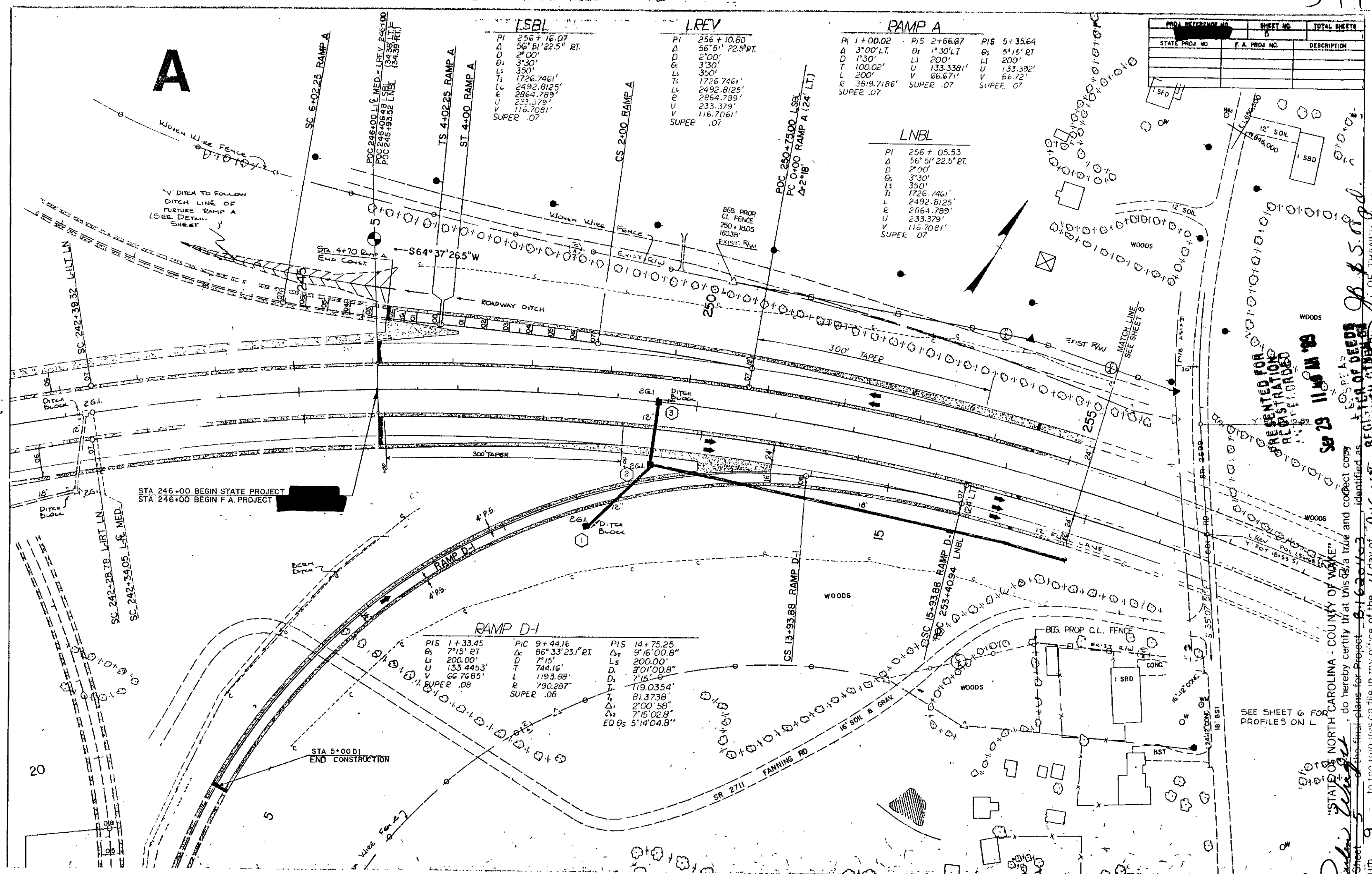
1984 STANDARD SPECIFICATIONS

STATE OF NORTH CAROLINA	DIVISION OF HIGHWAYS
Donald M. Mott ROADWAY DESIGN	Arthur L. Hight HYDRAULIC DESIGN

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA	
APPROVED	
STAT. HIGHWAY ENGINEER - DESIGN	
APPROVED	
CHIEF ENGINEER	
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	
6-7-89	
DATE	

STATE OF NORTH CAROLINA - COUNTY OF WAKE
I, Pauline L. Hight, do hereby certify that this is a true and correct copy of the final plans for Project 8.1620403, I-40 Bypass from 1068' West of Cole Road (SR 2699) easterly to 425' East of Oak Grove Road (SR 2678) in Forsyth County, North Carolina.
1987, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 14 day of AUGUST 1987.

Custodian of Minutes of Board of Transportation



LSBL

PI	256 + 16.07
Δ	56° 51' 22.5" RT.
D	2' 00'
Δ	3' 30'
L	350'
Ts	1726.7461'
Lc	2492.8125'
R	2864.789'
U	233.379'
V	116.7081'
SUPER	.07

LREV

PI	256 + 10.80
Δ	56° 51' 22.5" RT.
D	2' 00'
Δ	3' 30'
L	350'
Ts	1726.7461'
Lc	2492.8125'
R	2864.789'
U	233.379'
V	116.7061'
SUPER	.07

RAMP A

PI	1 + 00.02	PIS	2 + 66.67	PIS	5 + 35.64
Δ	3' 00' LT.	Δ	1' 30' LT	Δ	5' 15' RT
D	1' 30'	L	200'	L	200'
T	100.02'	U	133.3381'	U	133.332'
L	200'	V	66.671'	V	66.72'
R	3819.7186'	SUPER	.07	SUPER	.07

LNBL

PI	256 + 05.53
Δ	56° 51' 22.5" RT.
D	2' 00'
Δ	3' 30'
L	350'
Ts	1726.7461'
Lc	2492.8125'
R	2864.789'
U	233.379'
V	116.7081'
SUPER	.07

RAMP D-1

PIS	1 + 33.45	PIC	9 + 44.16	PIS	14 + 75.25
Δ	7° 15' RT	Δ	86° 33' 23.1" RT.	Δ	9° 16' 00.8"
L	200.00'	D	7' 15'	L	200.00'
U	133.4453'	T	744.16'	D	3' 01' 00.8"
V	66.7685'	L	1193.88'	Ts	7' 15'
R	790.287'	R	790.287'	Lc	119.0354'
SUPER	.08	SUPER	.06	T	81.3739'

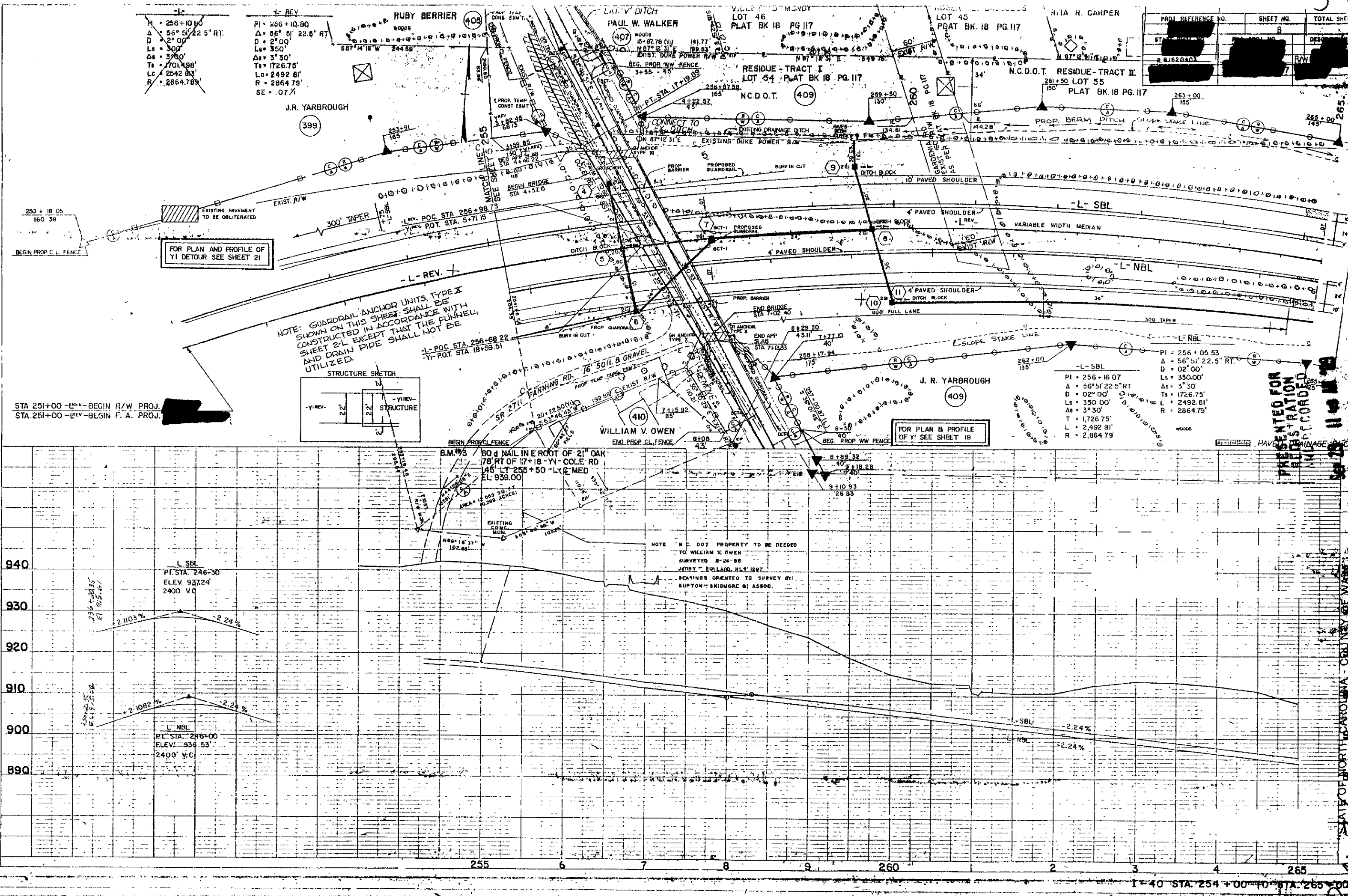
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION

PRESENTED FOR
REVIEW
DATE 11/15/13

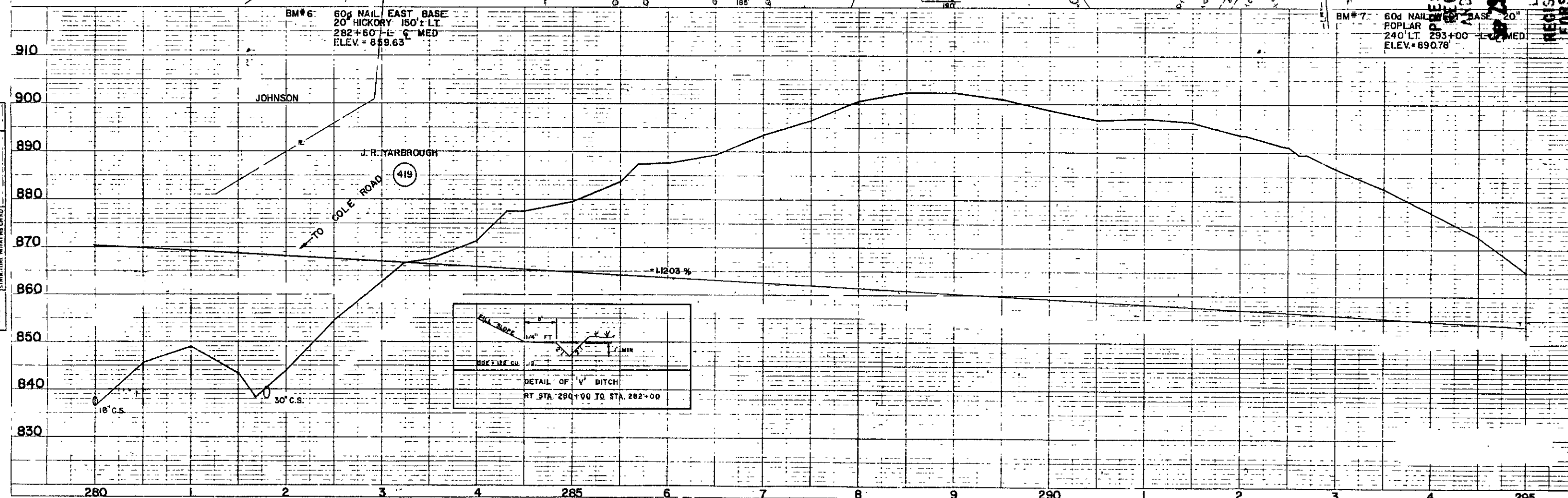
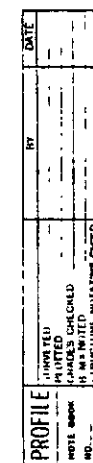
"STATE OF NORTH CAROLINA - COUNTY OF WAKE" do hereby certify that this is a true and correct copy of the final plans for Project 2013-001-001 identified as 15051AS REGISTERED UNDER the 4 day of AUGUST 19 89, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 14 day of AUGUST, 19 89.

Pauline W. W. W.
Custodian of Minutes of Board of Transportation

PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
25620403	7	10



STATE OF NORTH CAROLINA - COUNTY OF WAKE
I, Pauline W. Wray, Secretary of the Board of Transportation,
do hereby certify that this is a true and correct copy
of the minutes of the meeting of the Board of Transportation
held on the 14th day of August, 1987, at 5:00 p.m.
to the minutes on file in my office of the 4th day of AUGUST, 1987.
In testimony whereof, I have hereunto set my hand and the seal of the Board of Transportation this 14th day of AUGUST, 1987.



I-40 STA. 280+00 TO STA. 295+00

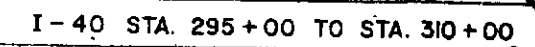
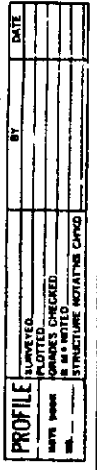
"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
 I, Johnnie B. Blythe, do hereby certify that this is a true and correct copy
 of Plan 8-1620403 of the final plans for Project 8-1620403, identified as
 Addendum 9 to the minutes on file in my office of the 4 day of August
1989, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set
 my hand: this the 14 day of August, 1989.

DEPARTMENT OF TRANSPORTATION

Caroline Wright

Stodian of Minutes of Board of Transportation

STATE	STATION NO.	DESCRIPTION
81620403	RAW	



和漢三才圖會

RECEIVED
REGISTER OF DEEDS

Custodian of Minutes of Board

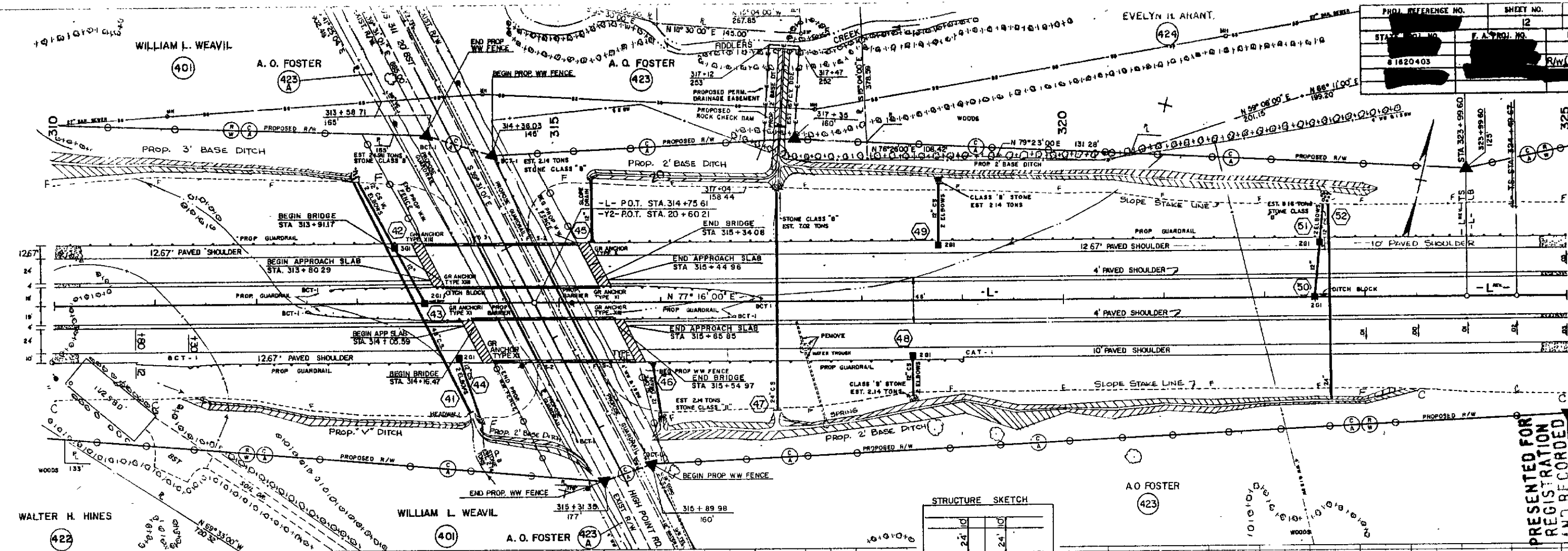
0054

_____ of the final plans for Project 8-182045
to the minutes on file in my office of the 4 day of _____

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
12	12	
STA.	F.A. PROJ. NO.	DESCRIPTION
1620+03		R/W

PLAN	DATE
DATE TO BE PLOTTED	
DATE CHECKED	
DATE REVISION	

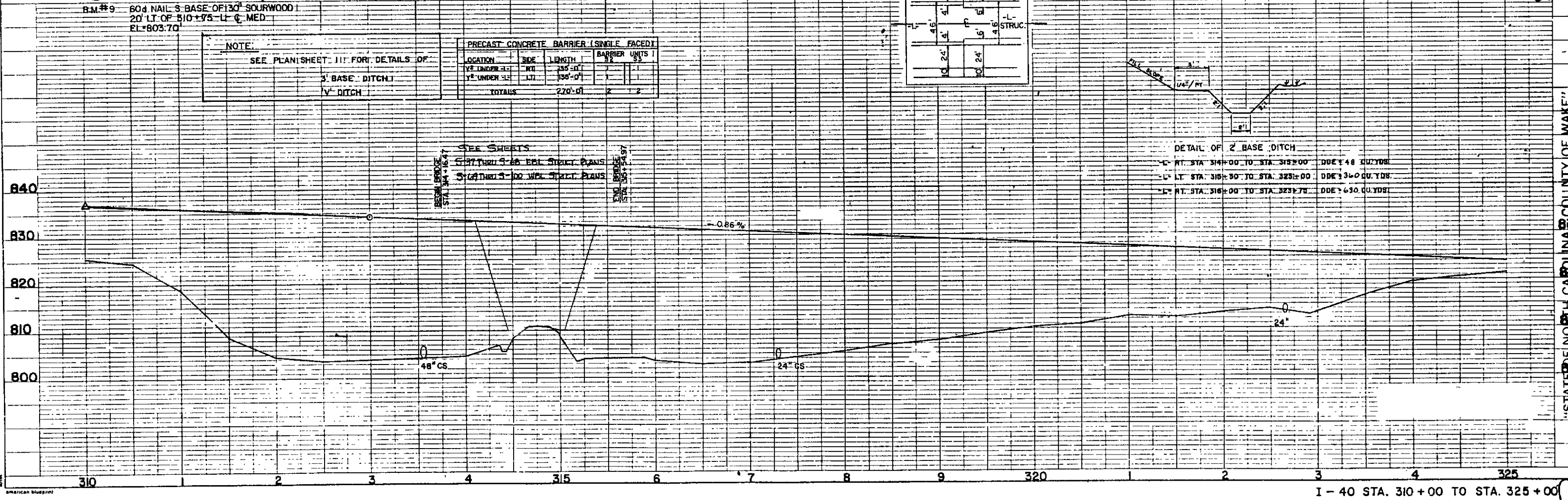
PROFILE	DATE
DATE TO BE PLOTTED	
DATE CHECKED	
DATE REVISION	



NOTE:
SEE PLAN SHEET III FOR DETAILS OF
3' BASE DITCH
V DITCH

PRECAST CONCRETE BARRIER (SINGLE FACED)			
LOCATION	SIDE	LENGTH	BARRIER UNITS
VS UNDER 3L	W	150'-0"	1
VS UNDER 3L	L	150'-0"	1
TOTALS		270'-0"	2

SEE SHEETS
5-17 THRU 5-22 FOR STRUT PLANS
5-18 THRU 5-22 FOR W.P. PLANS



PRESENTED FOR
REGISTRATION
AND RECORDED

SEP 29 11 49 AM '89

"STATE OF NORTH CAROLINA, COUNTY OF WAKE"
I, Pauline May Jr., do hereby certify that this is a true and correct copy of the final plans for Project 8-1620-03, identified as STATE OF NORTH CAROLINA, COUNTY OF WAKE, to the minutes on file in my office of the 14 day of AUGUST, 19 89, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 14 day of AUGUST, 19 89.

Pauline May Jr.
Custodian of Minutes of Board of Transportation

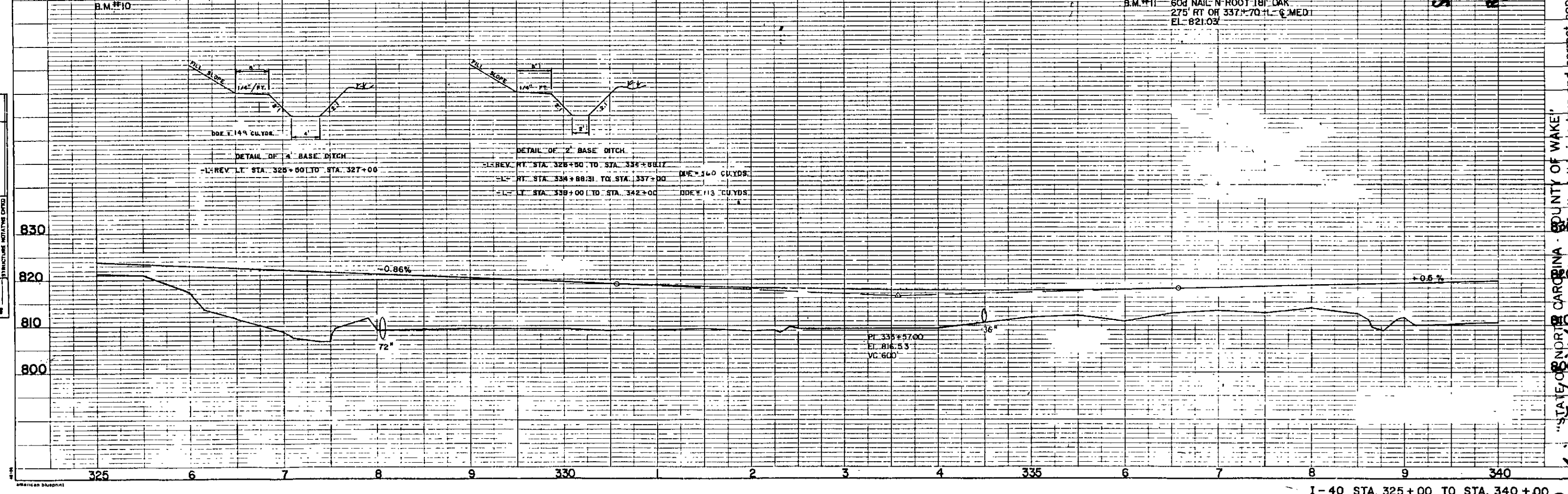
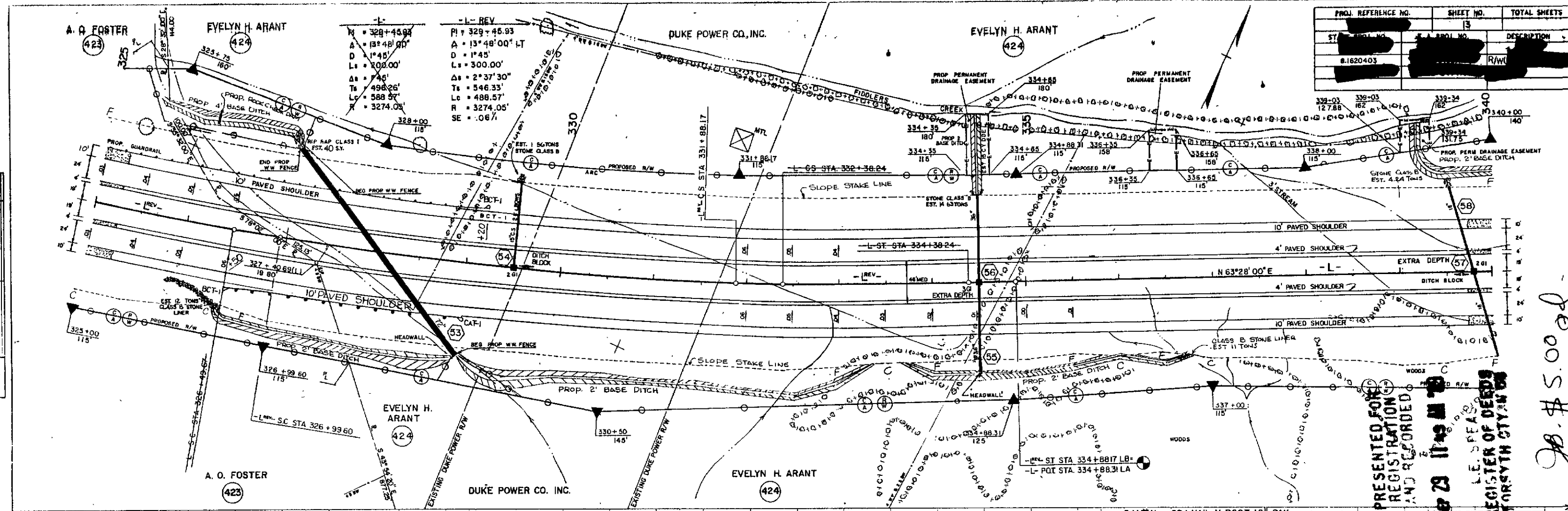
400

PLAN	DATE
DESIGNED	
CHECKED	
IN CHARGE	
BY	

PROFILE	DATE
DESIGNED	
CHECKED	
IN CHARGE	
BY	

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1620403	13	

ST. NO.	DESCRIPTION
325+00	R/W



1-40 STA. 325+00 TO STA. 340+00

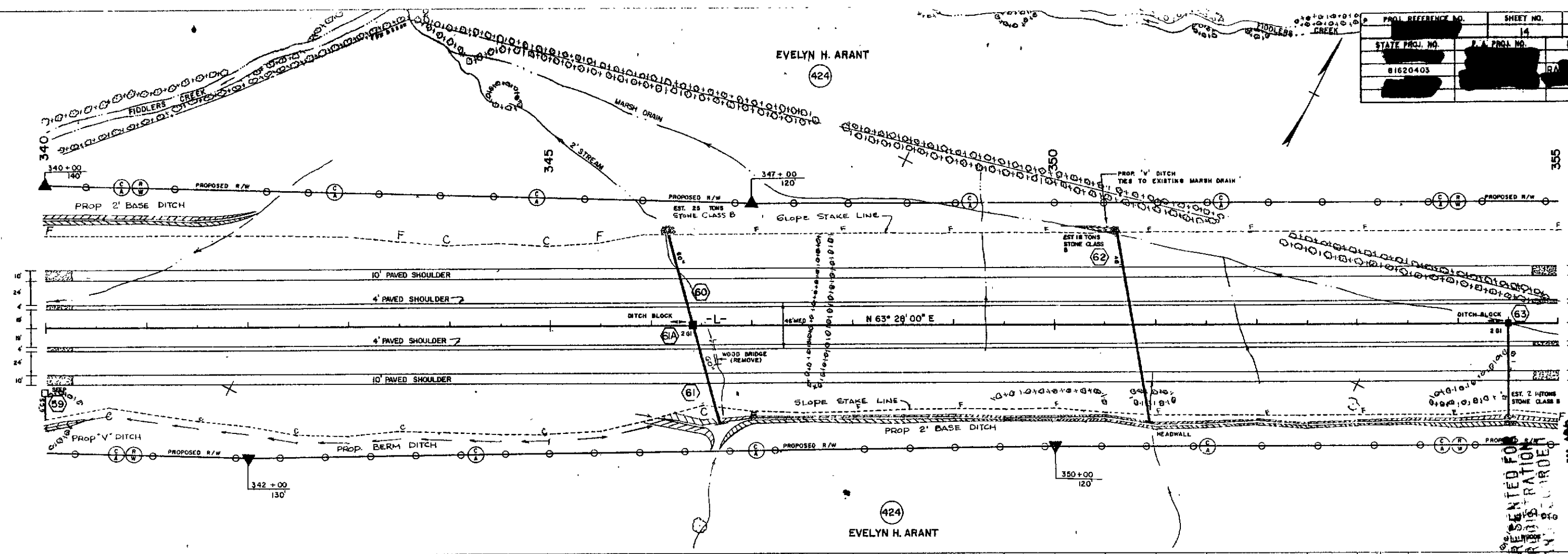
I, Pauline Wright, COUNTY OF WAKE, NORTH CAROLINA, do hereby certify that this is a true and correct copy of the final plans for Project 8.1620403, identified as 13 to the minutes on file in my office of the 14 day of AUGUST, 1989, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 14 day of AUGUST, 1989.

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

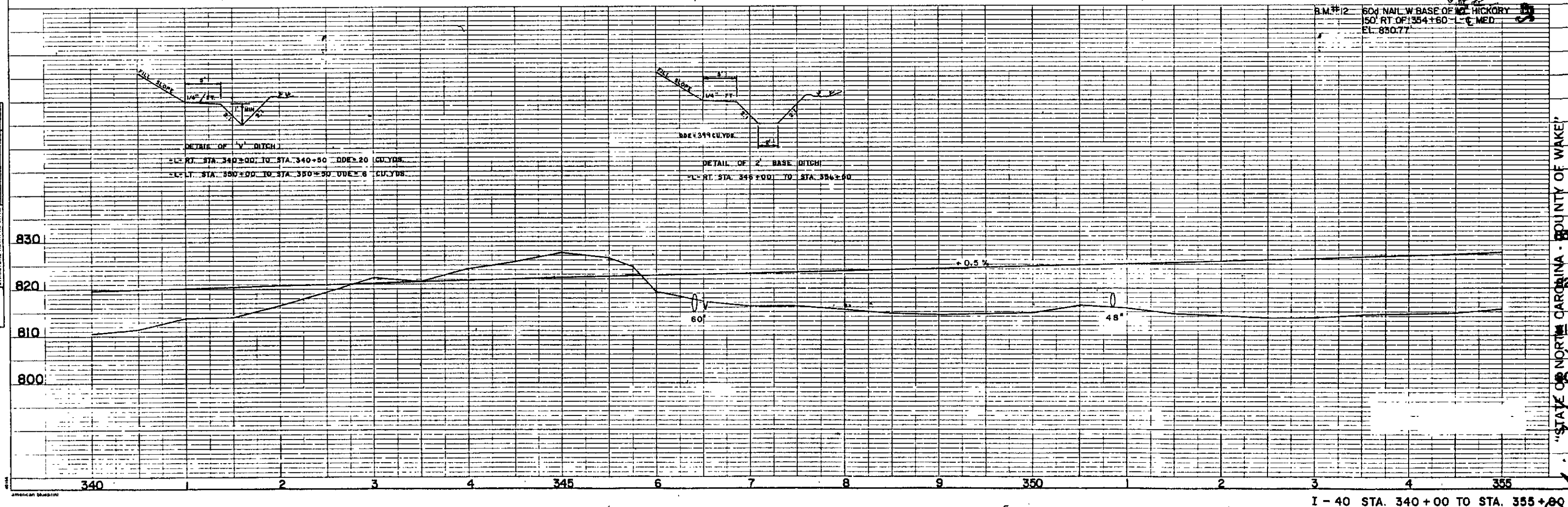
401

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO.	P. & A. PROJ. NO.	DESCRIPTION
81620403		RA

PLAN	DATE
DESIGNED BY	
CHECKED BY	
APPROVED BY	



PROFILE	DATE
DESIGNED BY	
CHECKED BY	
APPROVED BY	



SEP 29 11 49 AM '83

B. \$5,000.

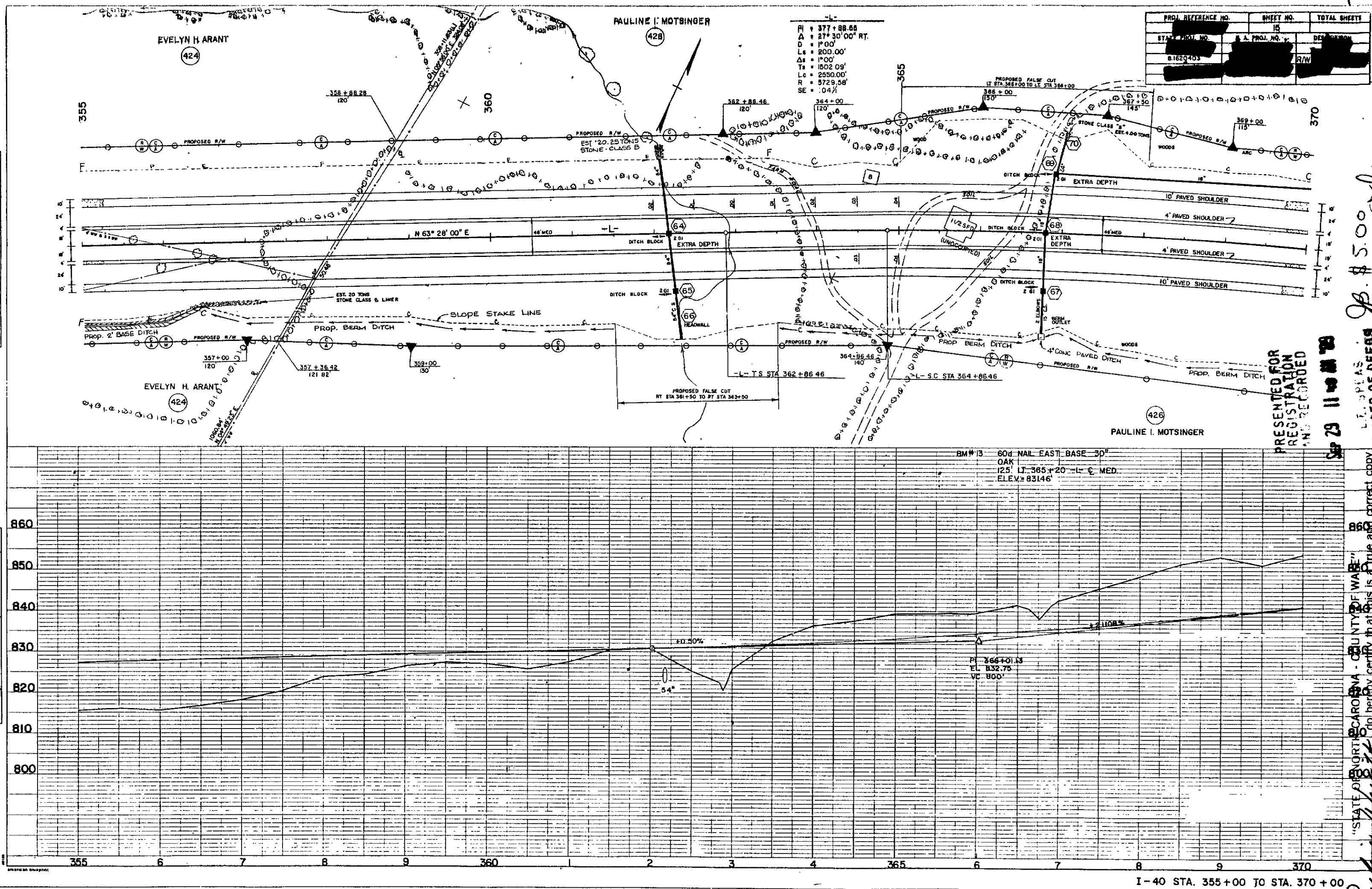
"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, Murline Wright, do hereby certify that this is a true and correct copy of the final plans for Project 81620403, identified as WAKE COUNTY, to the minutes on file in my office of the 14 day of AUGUST, 1983, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 14 day of AUGUST, 1983.

DEPARTMENT OF TRANSPORTATION

Stodian of Minutes of Board of Transportation

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTES	GRADES CHECKED		
NO.	IS NOT NOTED		
	STRUCTURE NOTATIONS OK'D		



PRESENTED FOR
REGISTRATION
AND RECORDED

62 卷二 一 四

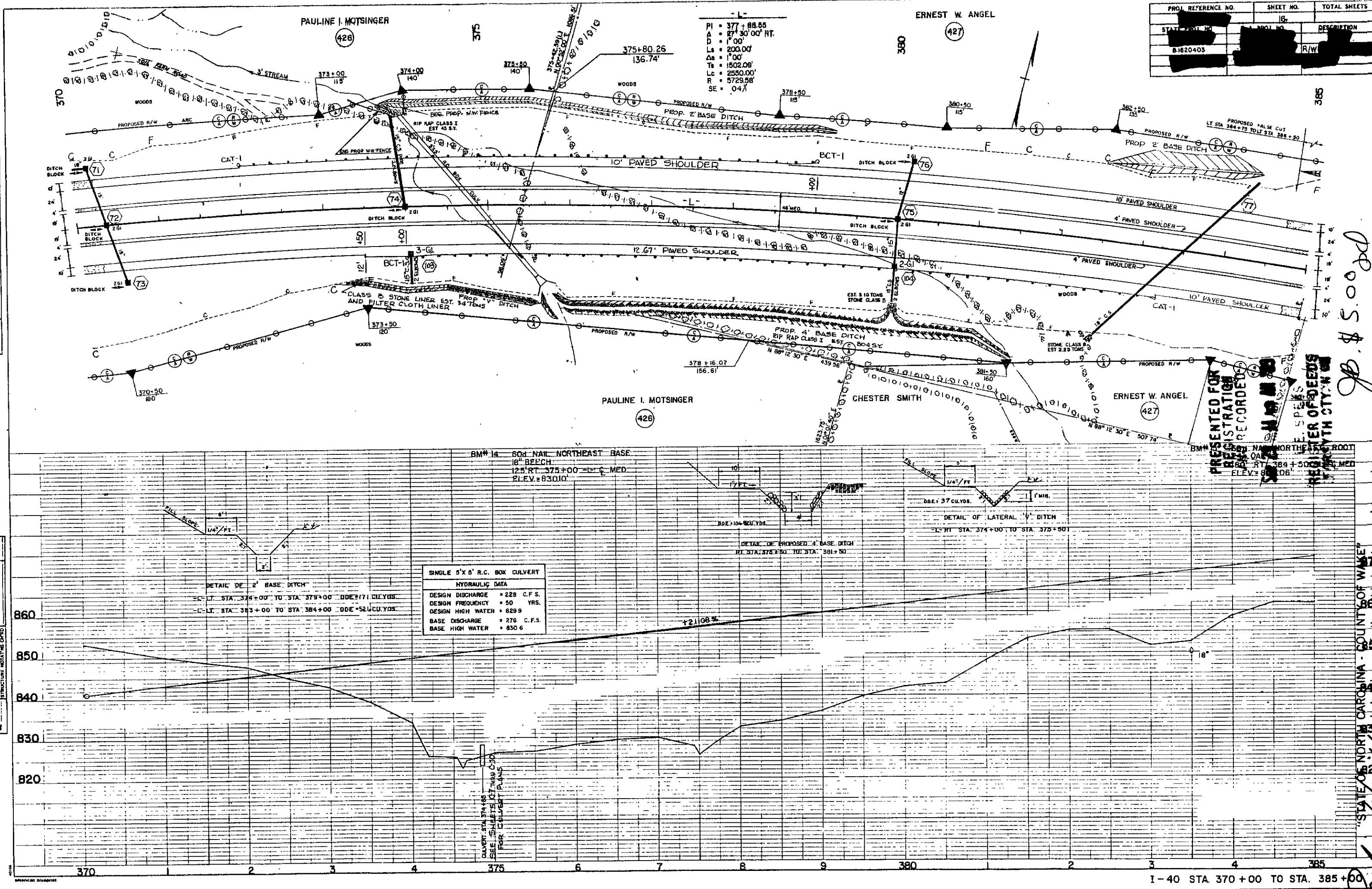
"STATE OF NORTH CAROLINA - COUNTY OF WAKE" 05
 Do hereby certify that this is a true and correct copy
 of Plan Sheet 15 of the final plans for Project 8-1620403, identified as REGISTER OF DEEDS
 Addendum 9 to the minutes on file in my office of the 4 day of AUGUST,
 19 89, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set
 my hand this the 14 day of AUGUST, 19 89.
Madeline Wright
 Custodian of Minutes of Board of Transportation

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO.	16	
LOCAL PROJ. NO.		
DESCRIPTION		
B.1620403		R/W

PI = 377+88.55
A = 27' 30" 00" RT.
D = 1' 00"
Ls = 200.00'
Δs = 1' 00"
Ts = 1502.06'
Lc = 2550.00'
R = 5729.98'
SE = 04 1/2°

PLAN	DATE
DESIGNED	
PLOTTED	
AS COMPLETED	
BY	

PROFILE	DATE
DESIGNED	
PLOTTED	
AS COMPLETED	
BY	



PRESENTED FOR
REGISTRATION
RECORDED
INDEXED
FILED
JUL 24 1983
COUNTY OF WAKE
NORTH CAROLINA

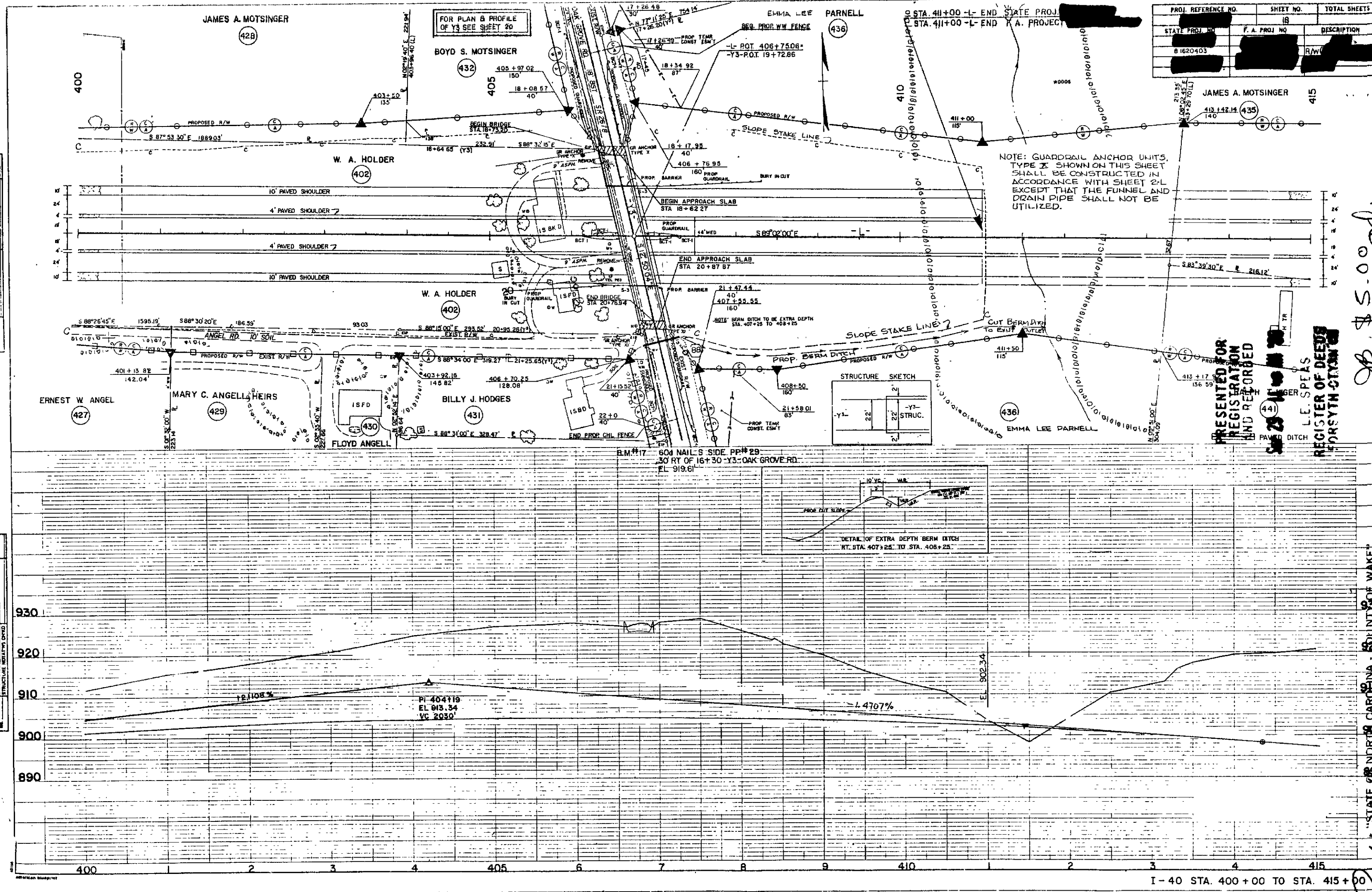
P. \$ 5.00

I, Pauline I. Motsinger, County of Wake, North Carolina, do hereby certify that this is a true and correct copy of the final plans for Project B.1620403, defined as Right-of-Way, to the minutes on file in my office of the 14 day of AUGUST, 19 83. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 14 day of AUGUST, 19 83.

DEPARTMENT OF TRANSPORTATION
Pauline I. Motsinger
Custodian of Minutes of Board of Transportation

PLAN	DATE
DESIGNED	
CHECKED	
NOTED	
BY	

PROFILE	DATE
DESIGNED	
CHECKED	
NOTED	
BY	



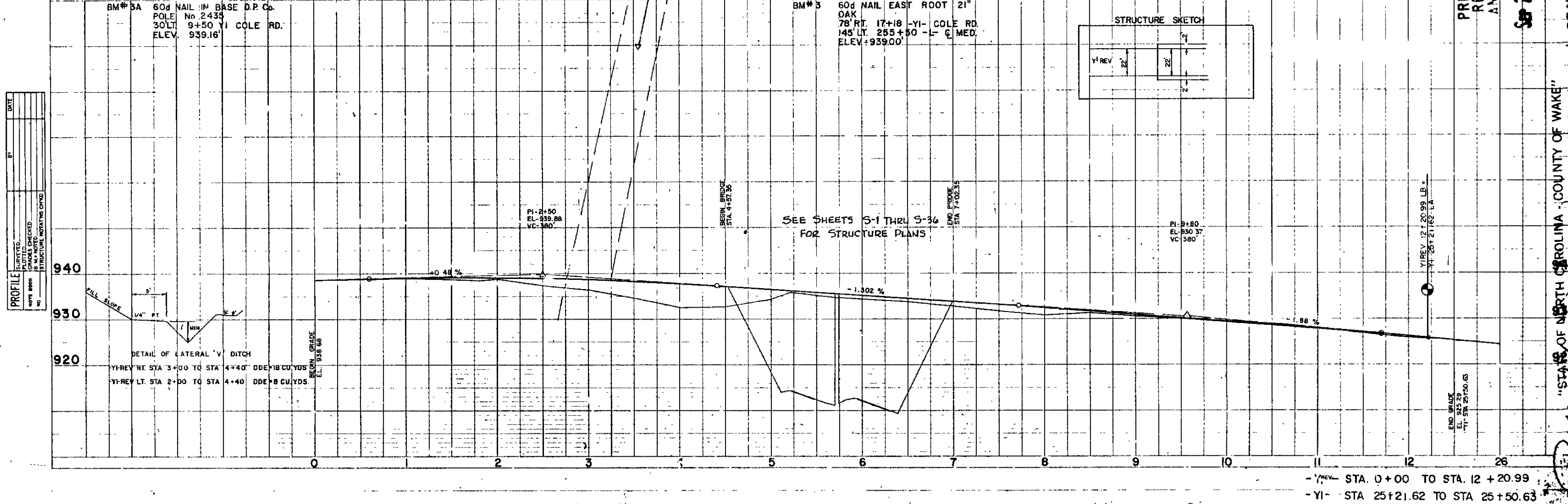
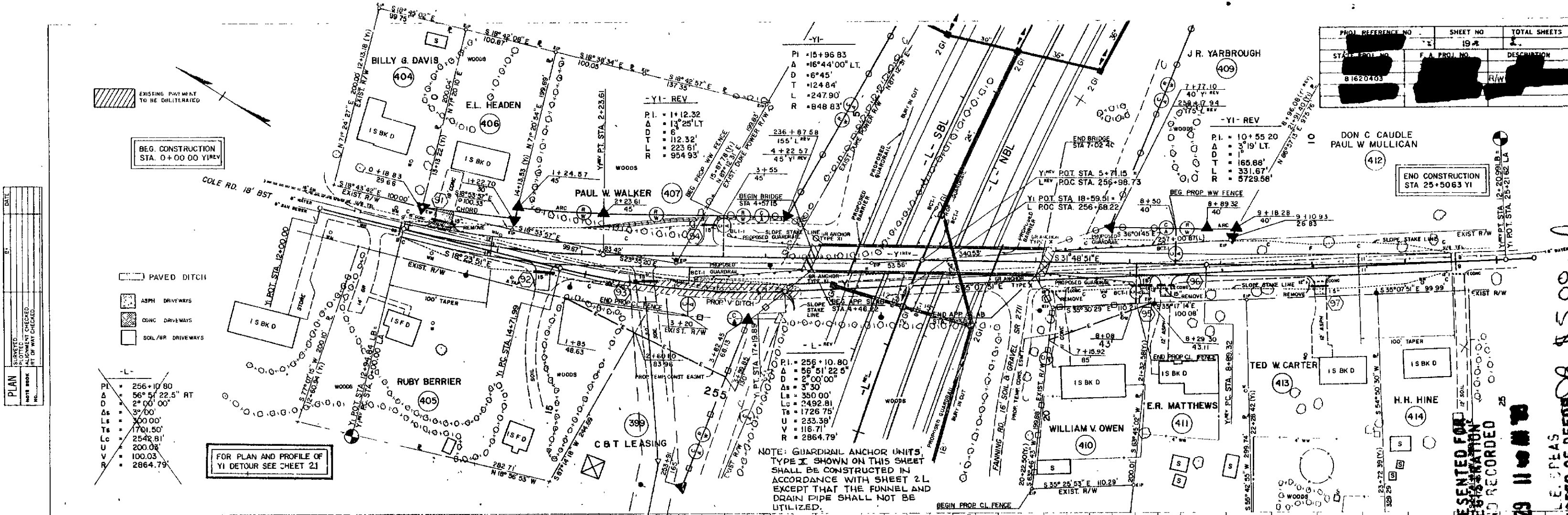
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
81620403	18	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
		R/W

PRESENTED FOR
REGISTRATION
AND RECORDED
L. E. SPEAS
REGISTER OF DEEDS
FORSTYH-CRYSTAL

JB \$5.00

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, Pauline Wright, of the final plans for Project 81620403, identified as
Addendum 9 to the minutes on file in my office of the 14 day of August,
19 87, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set
my hand this the 14 day of August, 19 87.

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

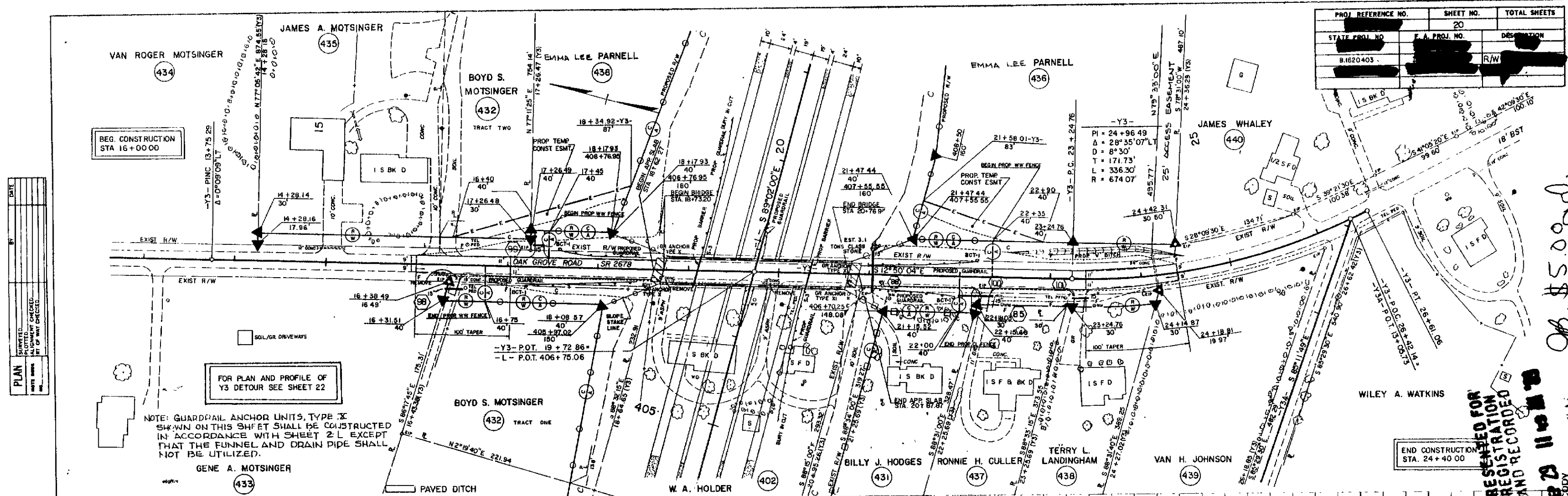


STATE OF NORTH CAROLINA - COUNTY OF WAKE
I, the undersigned, do hereby certify that this is a true and correct copy of the original of the final plans for Project 8-16-20493, located in the County of Wake, North Carolina, as shown on the attached plans, and that the same were filed in my office on the 14th day of August, 1987, at the minutes of the Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 14th day of August, 1987.

LE. DEAS
COMMISSIONER OF DEEDS
COUNTY OF WAKE, N.C.

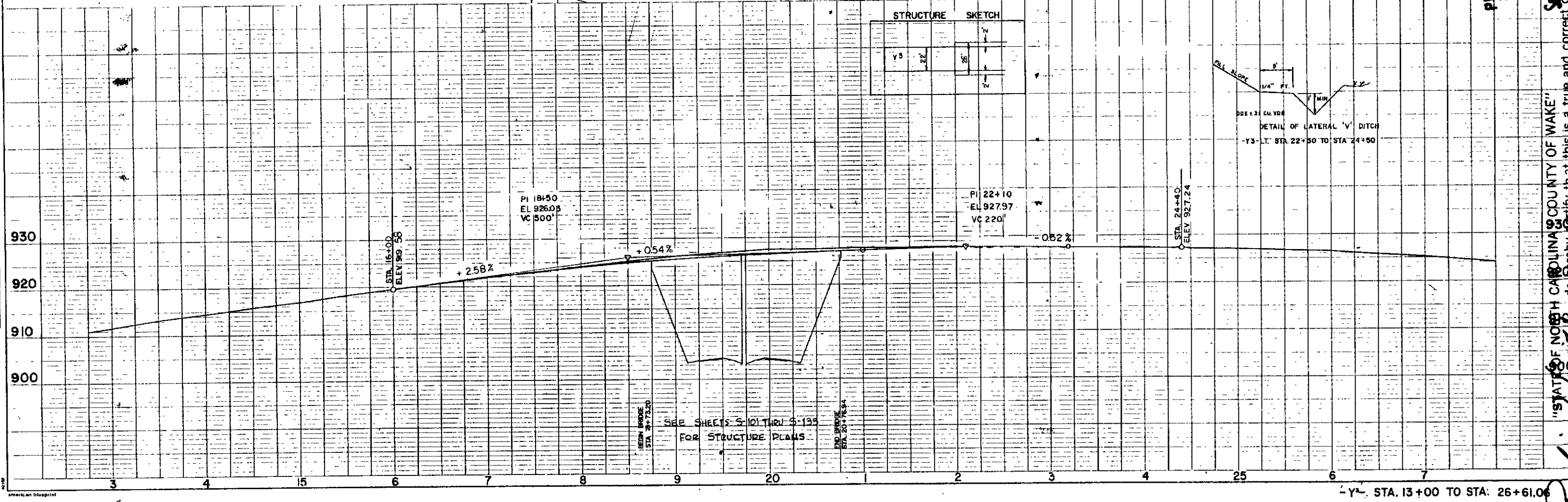
PRESENTED FOR REGISTRATION AND RECORDED
SEP 29 11 00 AM '87

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE PROJ. NO.	20	
F. A. PROJ. NO.		
DESCRIPTION		
B.1620403		R/W



PLAN	DATE
REVISIONS	
1. AS NOTED	
2. AS NOTED	
3. AS NOTED	

PROFILE	DATE
REVISIONS	
1. AS NOTED	
2. AS NOTED	
3. AS NOTED	



PRESENTED FOR
REGISTRATION
AND RECORDED

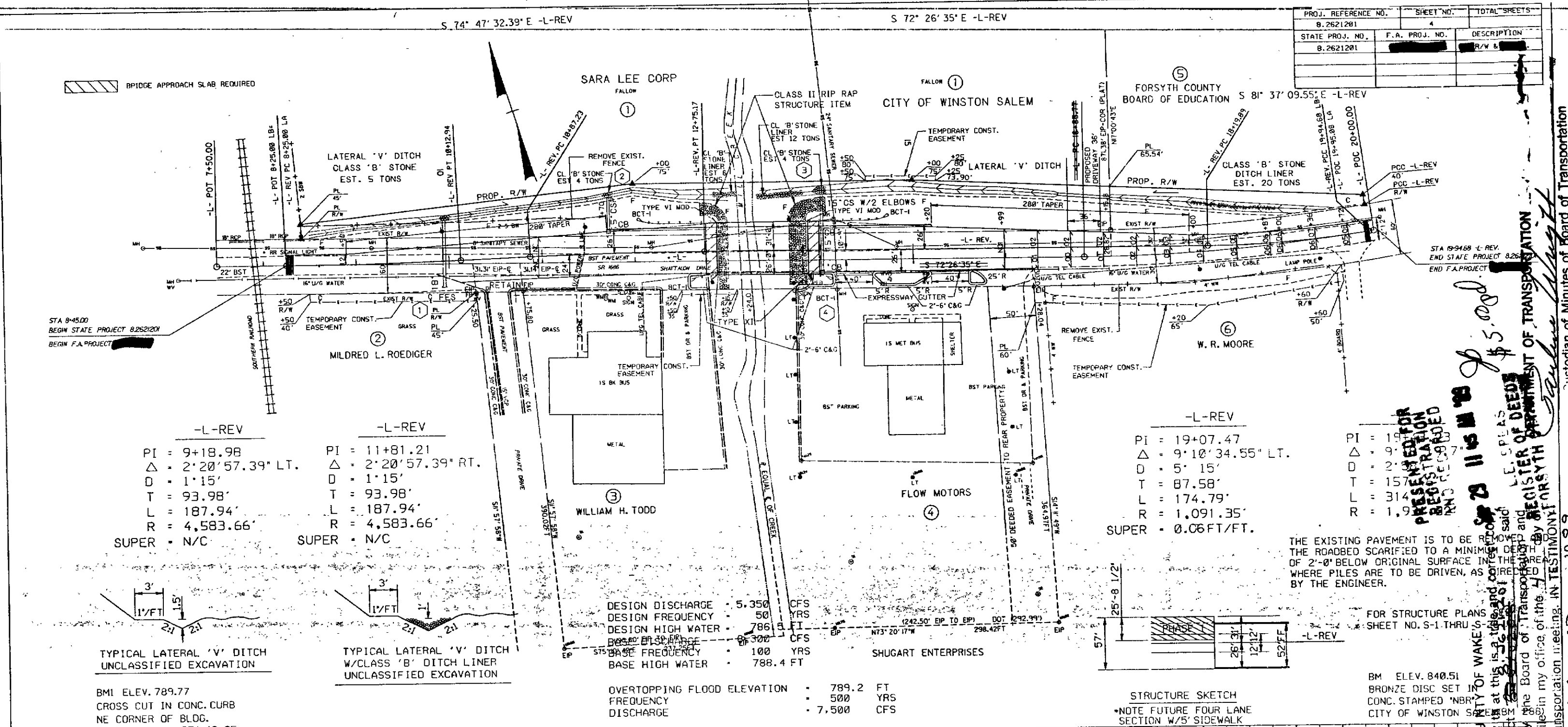
OB. \$5.000

SEP 23 11 23 AM '83

"STATE OF NORTH CAROLINA COUNTY OF WAKE"
I, Pauline Wright, do hereby certify that this is a true and correct copy
of the final plans for Project 8-1620403, identified as REGISTERED
Addendum 9 to the minutes on file in my office of the 14 day of AUGUST
19 83, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto
my hand this the 14 day of AUGUST, 1983.

Justodian of Minutes of Board of Transportation

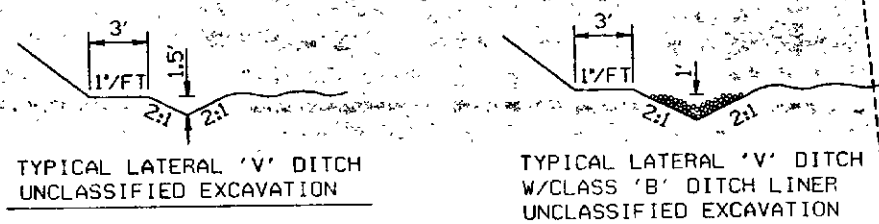
ALSO ADDED 18" PIPE AND 36" DRIVEWAY @ STA 16+85 LT.
REVISED, PER PROPERTY OWNER PARCEL #1
JULY 17, 1989



-L-REV		-L-REV	
PI = 9+18.98		PI = 11+81.21	
Δ = 2'20'57.39" LT.		Δ = 2'20'57.39" RT.	
D = 1'15'		D = 1'15'	
T = 93.98'		T = 93.98'	
L = 187.94'		L = 187.94'	
R = 4,583.66'		R = 4,583.66'	
SUPER = N/C		SUPER = N/C	

-L-REV	
PI = 19+07.47	
Δ = 9'10'34.55" LT.	
D = 5'15'	
T = 87.58'	
L = 174.79'	
R = 1,091.35'	
SUPER = 0.06 FT/FT.	

-L-REV	
PI = 19+07.47	
Δ = 9'10'34.55" LT.	
D = 5'15'	
T = 87.58'	
L = 174.79'	
R = 1,091.35'	

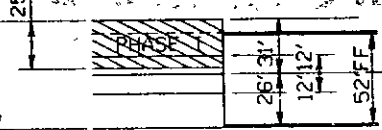


TYPICAL LATERAL 'V' DITCH
UNCLASSIFIED EXCAVATION
BMI ELEV. 789.77
CROSS CUT IN CONC. CURB
NE CORNER OF BLDG.
103' RT. OF -L- STA 12+25

TYPICAL LATERAL 'V' DITCH
W/CLASS 'B' DITCH LINER
UNCLASSIFIED EXCAVATION

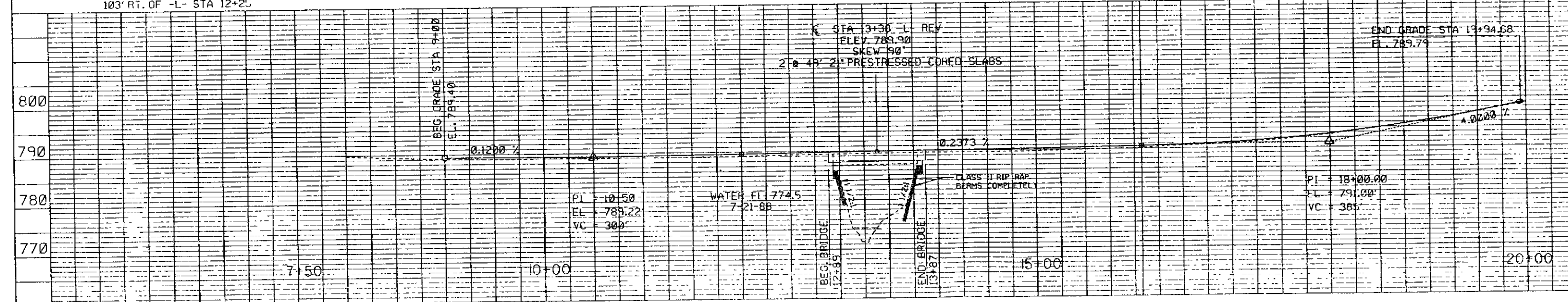
DESIGN DISCHARGE	5.350	CFS
DESIGN FREQUENCY	50	YRS
DESIGN HIGH WATER	786.5	FT
BASE FLOOD ELEVATION	786.5	FT
BASE FREQUENCY	100	YRS
BASE HIGH WATER	788.4	FT

OVERTOPPING FLOOD ELEVATION	789.2	FT
FREQUENCY	500	YRS
DISCHARGE	7,500	CFS



STRUCTURE SKETCH
NOTE FUTURE FOUR LANE
SECTION W/5' SIDEWALK

BM ELEV. 840.51
BRONZE DISC SET IN
CONC. STAMPED 'NBR'
CITY OF WINSTON SALEM



STATE OF NORTH CAROLINA - COUNTY OF FORSYTH
I, *Pauline Wright*, do hereby certify that this is a true and correct copy of the final plans for Project No. 8.2621201, as approved and adopted by the Board of Transportation and identified as Ad. 16 to the minutes on file in my office of the Board of Transportation meeting in testimony whereof, I have hereunto set my hand this 14 day of AUGUST 1989.

WHEREOF, I have hereunto set my hand this 14 day of AUGUST 1989.

Pauline Wright
Custodian of Minutes of Board of Transportation