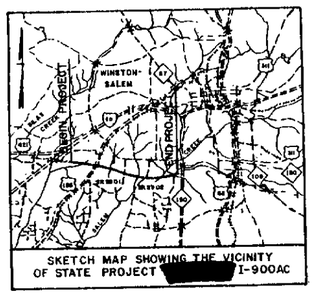
YD # I-900AC. 357

I-900 AC

PROJECT: [redacted]

SEE SHEET 1 A FOR INDEX OF SHEETS



ROAD NUMBER	
PROJECT NO.	I-40, WESTGATE DR, TERRA VISTA CT,
8.1620402	US 158 (STRATFORD RD), WOODWORTH RD,
	SILAS CREEK PARKWAY, CONWIED RD,
	BURKE MILL ROAD, CHESTNUT ST, FAIRFIELD RD
	MARTIN ST, WEATHERWOOD CT, FAIRFIELD RD
	BRIERWOOD ST, SEDGEWOOD ST,
	NC 150 (PETERS CREEK PARKWAY),
	SR 2501 (BURKE MILL RD), SR 3011,
	SR 2502 (LEBERT RD), SR 1528,
	SR 2773 (GROTTO ST) SR 2572 (GRIFFITH RD)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FORSYTH COUNTY

LOCATION: I-40 FROM 0.419 MILES WEST OF U.S. 158 TO WEST OF PETERS CREEK PARKWAY

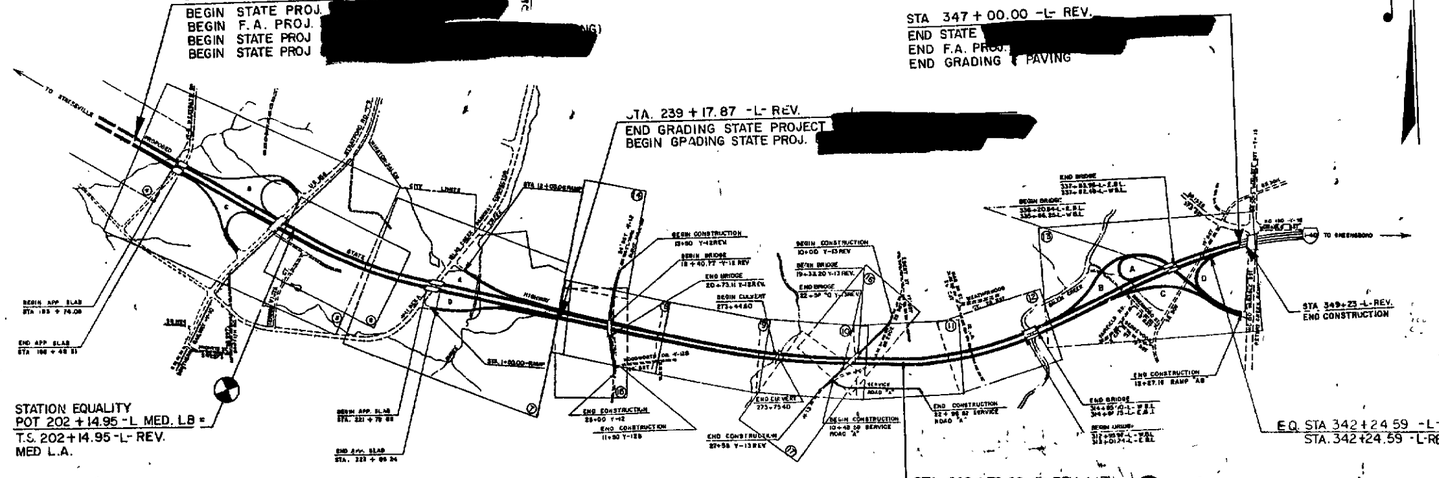
TYPE OF WORK: GRADING, DRAINAGE, STRUCTURES, CULVERTS, FENCING, PAVING, LONG LIFE PAVEMENT MARKINGS,

STATE	STATE PROJECT REFERENCE NO	SHEET NO	TOTAL SHEETS
N.C.	8.1620418	1	
[redacted]		DESCRIPTION	
8.1620402		R/W	
[redacted]			

STA 177+50.00 -L-
BEGIN STATE PROJ. [redacted]
BEGIN F.A. PROJ. [redacted]
BEGIN STATE PROJ [redacted]
BEGIN STATE PROJ [redacted]

STA 347+00.00 -L- REV.
END STATE [redacted]
END F.A. PROJ. [redacted]
END GRADING & PAVING

STA. 239+17.87 -L- REV.
END GRADING STATE PROJECT [redacted]
BEGIN GRADING STATE PROJ. [redacted]



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

EQ. STA 342+24.59 -L- LB=
STA. 342+24.59 -L- REV L.A

STA 292+79.82 -L- REV L.B.=
STA. 293+03.47 -L- L.A.

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	(EXISTING) (PROPOSED)
Tower Pole and Line	
Power Pole	(EXISTING) (PROPOSED)
Easement Line	
Temporary Sil. Fence	
Guard Rail	
Sanitary Sewer Line	SS SS
Water Line	
Gas Line	GAS
Proposed Woven Wire Fence	
Proposed Chain Link Fence	

0 100 200 300
PLANS

0 50 100 150
PLANS

0 50 100 150
PROFILE (HORIZONTAL)

0 10 20 40
PROFILE (VERTICAL)

0 5 10 15
PROFILE (VERTICAL)

DESIGN DATA

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

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

NORTH CAROLINA REGISTERED SEAL 9208 ENGINEER WILLIAM R. BUTLER, JR.
3/1/89

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

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

LENGTH OF ROADWAY F.A. PROJ.	[redacted] 3.131 MI
LENGTH OF STRUCTURE F.A. PROJ.	[redacted] 0.075 MI
TOTAL LENGTH STATE PROJECT	[redacted] 3.206 MI

NORTH CAROLINA PROFESSIONAL SEAL 4642 ENGINEER JOSEPH THOMAS PEARCE

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
APPROVED [signature] P.E.
STATE HIGHWAY ENGINEER - DESIGN
APPROVED [signature] P.E.
CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED Ray C Shelton 3/6/89
DIVISION ADMINISTRATOR DATE

LETTING DATE: JUNE 20, 1989

STANDARD SPECIFICATIONS

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, [signature], do hereby certify that this is a true and correct copy of Plan Sheet 6 of the final plans for Project 8.1620402, identified as Addendum No. 1 to the minutes on file in my office of the Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of July, 1989.

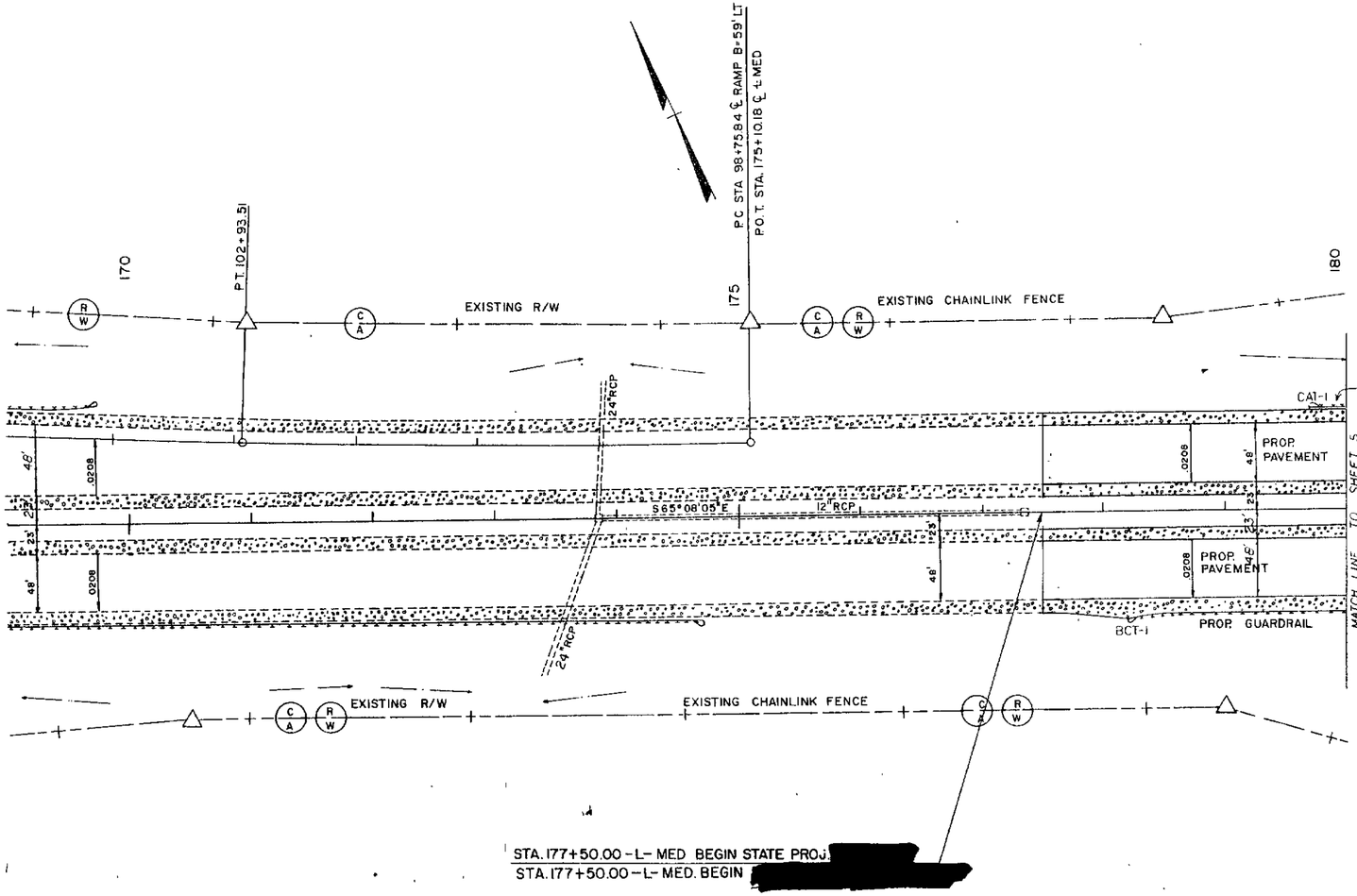
DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation

RECEIVED
1989 SEP 5 10 40 AM '89
DIVISION OF HIGHWAYS
PLANNING & ENGINEERING BRANCH

70

358

[redacted] PROJ. REFERENCE NO. | SHEET NO. 9 | TOTAL SHEETS 1
[redacted] F. A. PROJ. NO. | DESCRIPTION
B.1620402 | R/W



"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, [redacted], do hereby certify that this is a true and correct copy of Plan Sheet 4 of the final plans for Project 8.1620402, identified as Addendum 6 to the proposal on file in my office of the 7 day of July 1989, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of July, 1989.

[redacted]

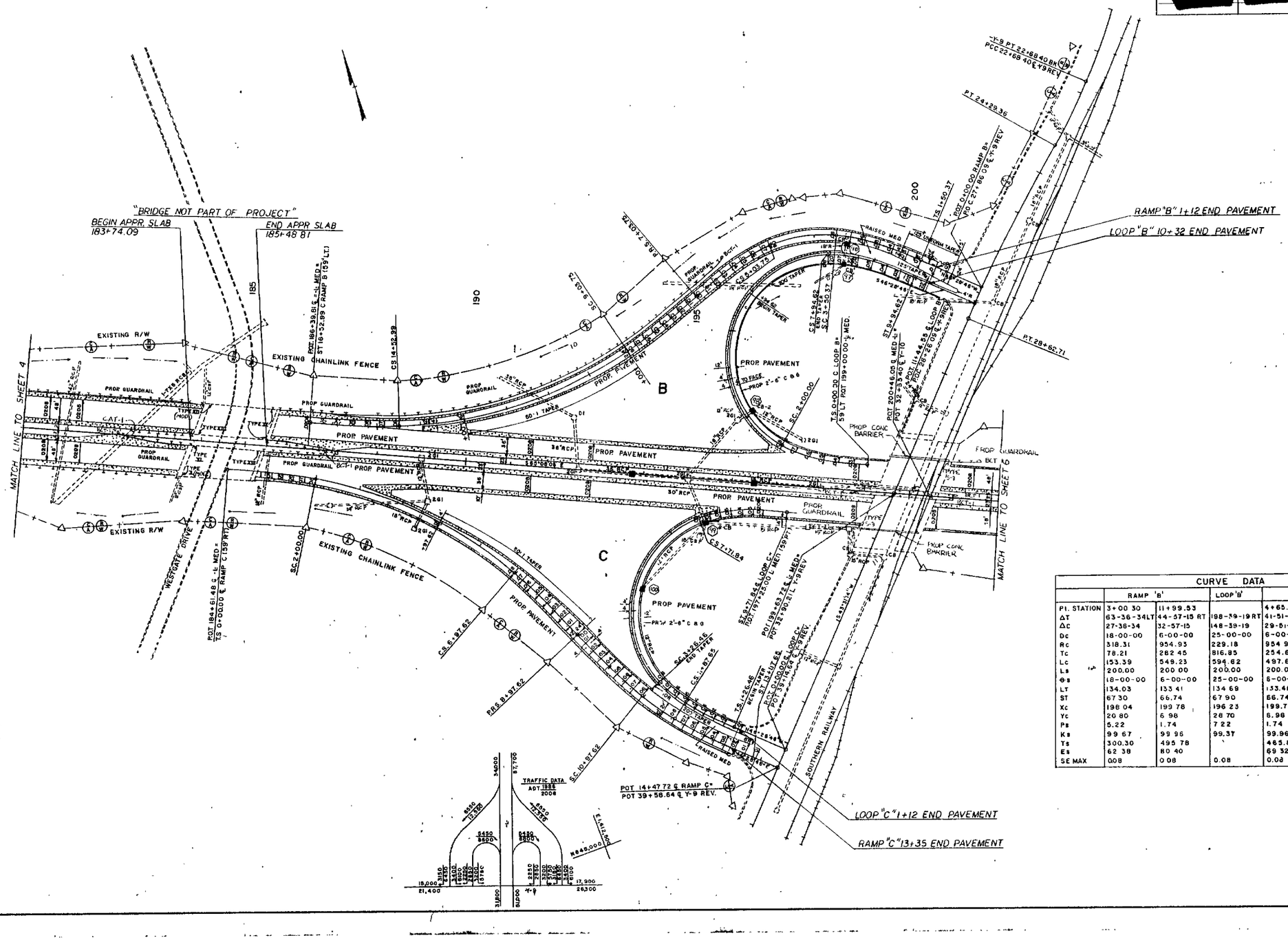
DEPARTMENT OF TRANSPORTATION

[redacted]
Custodian of Minutes of Board of Transportation

RECEIVED FOR REGISTRATION AND RECORD
SEP 5 10 40 AM '89
BY [redacted]
$ 5.00

359

PROJ REFERENCE NO. [redacted] | B | DESCRIPTION [redacted]
8.1620402 | [redacted] | R/W

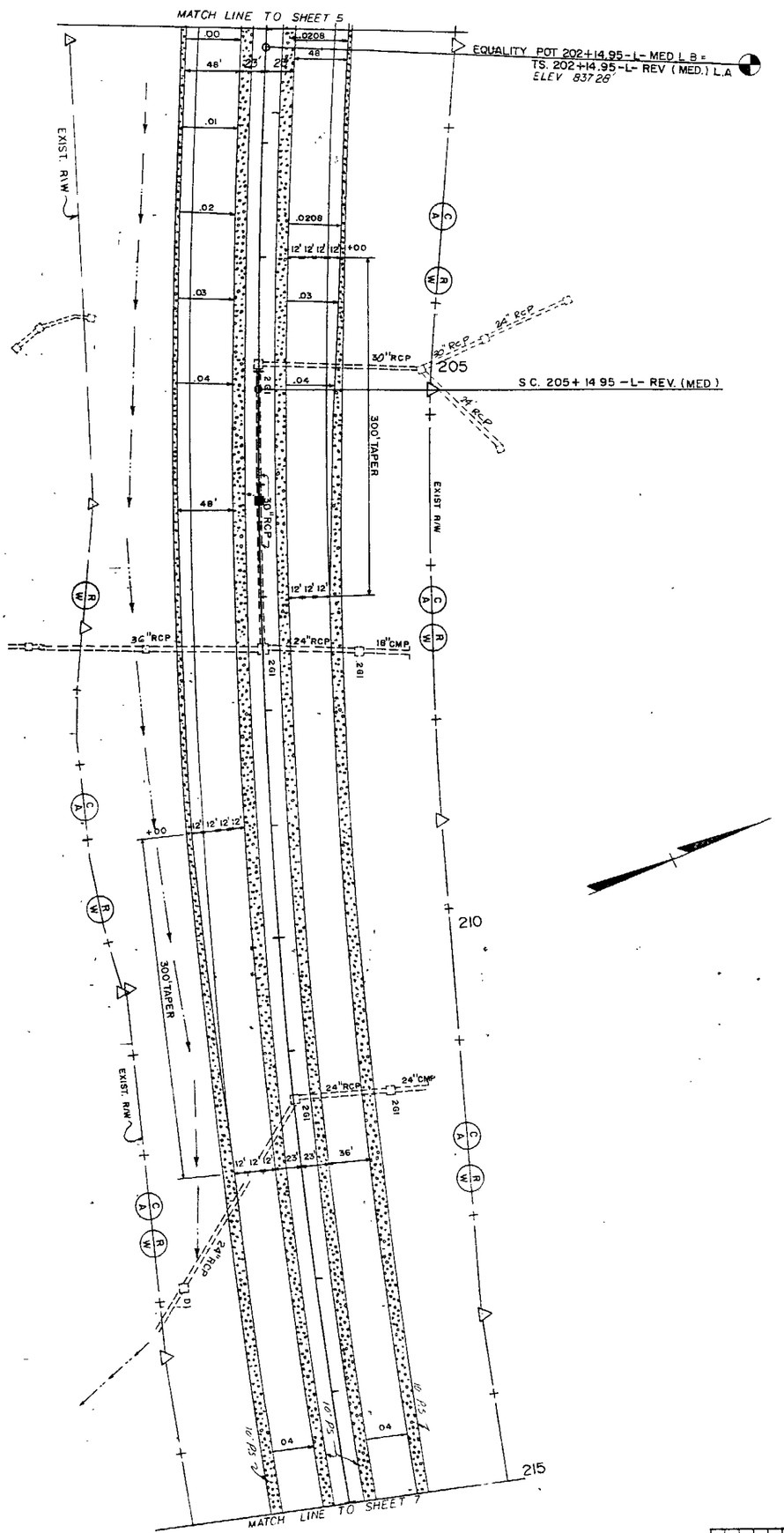


CURVE DATA					
	RAMP 'B'		LOOP 'B'	RAMP 'C'	LOOP 'C'
PI. STATION	3+00 30	11+99.53		4+65.83	11+45 06	16+68.12
ΔT	63-36-34LT	44-57-15 RT	198-39-19 RT	41-51-27 RT	23-12-08 R	161-20-35 LT
ΔC	27-38-34	32-57-15	148-39-19	29-51-27	7-12-08	111-20-35
Dc	18-00-00	6-00-00	25-00-00	6-00-00	8-00-00	25-00-00
Rc	318.31	954.93	229.18	954 93	716.20	229
Tc	78.21	262 45	816.85	254.60	48.07	338
Lc	153.39	548.23	594.82	497.62	90 03	445
Ls	200.00	200 00	200.00	200.00	200.00	200
Θs	18-00-00	6-00-00	25-00-00	6-00-00	8-00-00	25-00-00
LT	134.03	133 41	134 69	133.41	133.47	134
ST	67 30	66.74	67 90	66.74	66.79	67 90
Xc	198 04	199 78	196 23	199.78	199.61	196
Yc	20 80	6 98	28 70	6.98	9.30	28 70
Ps	5.22	1.74	7 22	1.74	2.33	7.22
Ks	99 67	99 96	99.31	99.96	99.93	99.30
Ts	300.30	495 78		465.83	247.44	1538
Es	62 38	80 40		69 32	17 31	1228
SE MAX	008	0 08	0.08	0.08	0.08	0.08

RECEIVED FOR REGISTRATION
SEP 5 10 49 AM '89

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation

"STATE OF NORTH CAROLINA COUNTY OF WAKE"
I, [redacted], do hereby certify that this is a true and correct copy of the final plans for Project 8.1620402, identified as Plan Sheet 6 of [redacted] Addendum 0, to the minutes on file in my office of the 7 day of July 1989, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of July, 19 89



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

PRESENTED FOR REGISTRATION
AND ORDERED
SEP 5 10 40 AM '89

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

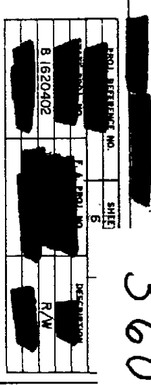
I, Evelyn Wright, ~~do hereby certify that this is a true and correct copy~~ [illegible] of Plan Sheet 6 of the final plans for Project 8.1620402, identified as [illegible] Addendum 6 to the minutes on file in my office of the 7 day of JULY 19 89, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of JULY, 19 89.

P. # 5006

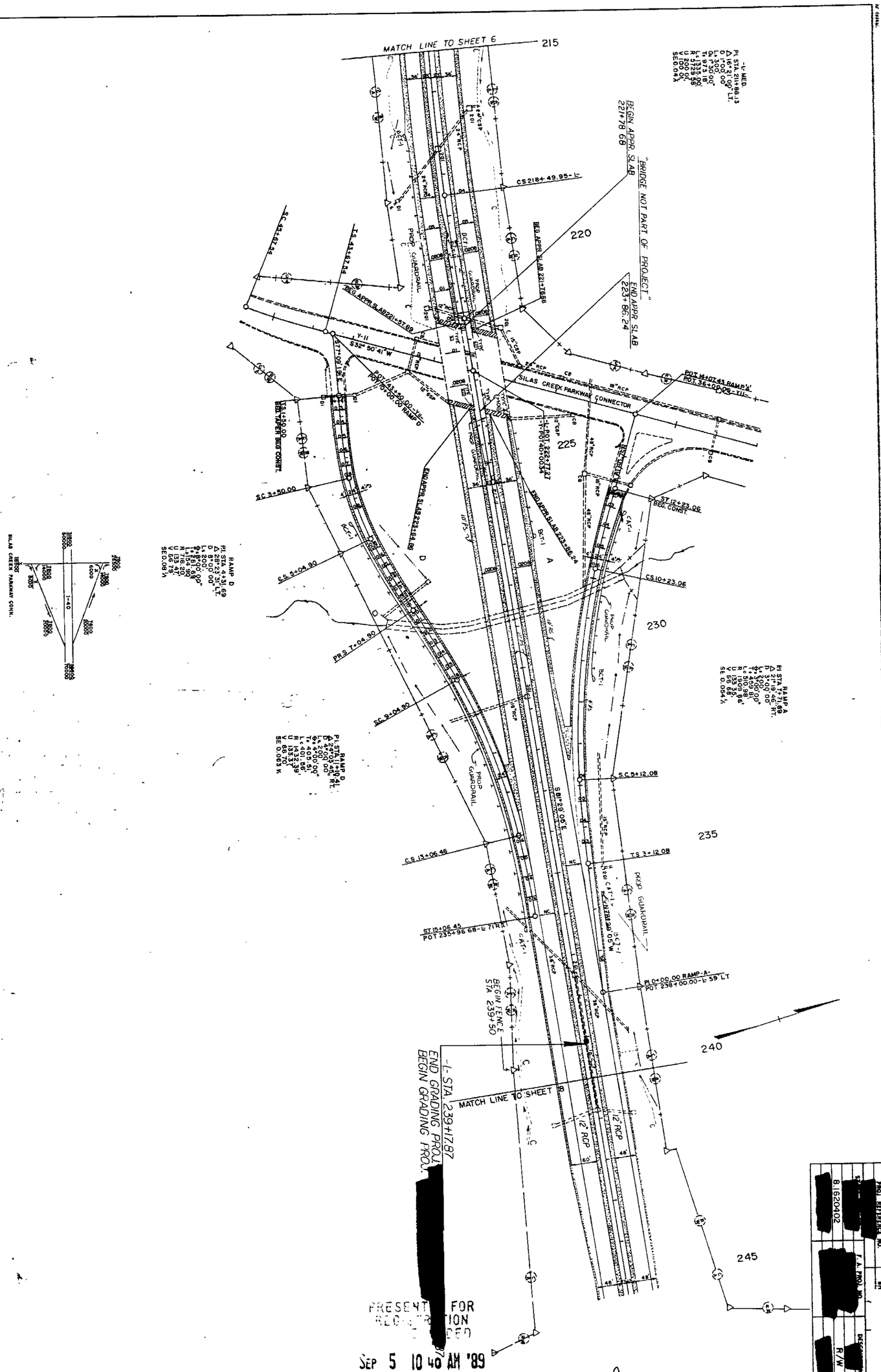
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

Evelyn Wright

Custodian of Minutes of Board of Transportation



360



"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

Pauline 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 6 to the minutes on file in my office of the 7 day of July 1989, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of July, 1989.

$5.00

DEPARTMENT OF TRANSPORTATION

Pauline Wright

Custodian of Minutes of Board of Transportation

361

362

PROJ. REFERENCE NO. [redacted]
8.1620402 R/W

FOR -Y- 12 REV PLAN & PROFILE, SEE SHEETS 14 & 15

FOR -L- REV PROFILE, SEE SHEET 24

-Y-12

P.I. = 15+00	P.I. = 21+42.90
Δ = 18° 39' 01" LT	Δ = 6° 14' 44" RT.
D = 7° 30'	D = 3° 30'
T = 125.44'	T = 86.31'
L = 248.67'	L = 178.44'
R = 763.944'	R = 1,637.022'

-Y-12 REV.

P.I. = 19+54.66	P.I.s. = 26+12.93	P.I. = 27+51.54
Δ = 25° LT.	Δs = 3° 45' RT.	Δ = 8° 50' 43" RT.
D = 3°	Ls = 150'	D = 5°
Ls = 150'	U = 100.0222'	T = 88.63'
Δs = 2° 15'	V = 50.0205'	L = 176.9056'
Ts = 498.51'		R = 1,145.9156'
Lc = 883.33'		S/E = 0.03
R = 1,909.8593'		
U = 100.008'		
V = 50.0078'		
S/E = 0.044		

-L- REV.

P.I. = 250+14.99
Δ = 2° 37' 44.54" RT.
D = 0° 30'
Ls = 200'
Δs = 0° 30'
Ts = 362.95'
Lc = 325.81'
R = 11,459.156'
U = 133.33'
V = 66.67'
S/E = 0.03

SKETCH SHOWING ROADWAY APPROACHING BRIDGE

STATE OF NORTH CAROLINA — COUNTY OF WAKE

I, [redacted], certify that this is a true and correct copy of the final plans for Project 8.1620402, identified as Addendum 4, to the [redacted] 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 the 17 day of JULY, 19 89.

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation

SEP 5 10 41 AM '89

363

PROJ. REFERENCE NO.	F.A. PROJ. NO.	DESCRIPTION
B 1620402		R/W

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation

RECEIVED FOR REGISTRATION
10 43 AM '99
SEP

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, [illegible], do hereby certify that this is a true and correct copy of the final plans for Project B-1620402, identified as [illegible] of Plan Sheet 6 of [illegible] Addendum [illegible] to contract on file in my office, of the 7 day of JULY, 19 99, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 19 day of JULY, 19 99.

DUKE POWER CO.

MARY F. KIMEL
BETTY K. ZIMMERMAN
&
KENNETH I. ZIMMERMAN

PROPOSED BERM DITCH

12 TONS CLASS B STONE LINER

NOISE BARRIER

BERM OUTLET

SEE DETAIL 'C'

10 TONS CLASS 'B' STONE LINER

21 TONS CLASS 'B' STONE WITH FILTER CLOTH LINER SEE DETAIL 'C'

11 TONS CLASS 'B' STONE LINER

270 CLASS 'B' STONE LINER

24"-30° CSP W/ Elbow

DITCH BLOCK

2 G.I.

USE T.S. NO. 1

252'-24" RCP

-L- REV.

PROP. GUARDRAIL

2' BASE LATERAL DITCH

EST. 10 TONS CL. 'B' STONE LINER

SEE DETAIL 'A'

EST. 3 TONS CL. 'B' STONE 11 TONS

CLASS 'B' STONE

N.C.D.O.T. (ROGER S. TRIPP)

MARY F. KIMEL
BETTY K. ZIMMERMAN
&
KENNETH I. ZIMMERMAN

CL. 'B' STONE LINER 77 TONS (SEE DETAIL 'B')

END EARTH BERM 258+50

2' BASE DITCH WITH CLASS 'B' STONE LINER SEE DETAIL 'A'

LUCY B. BAILEY

PAUL F. SCOTT
RALPH LEON THOMAS

EARTH BERM

1 S BK D

CITY OF WINSTON-SALEM

MATCH LINE TO SHEET 8

MATCH LINE TO SHEET 10

FOR -L- REV. PROFILE, SEE SHEET 24

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

-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 = 66.67'

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

30' EASEMENT

364

PROJ REFERENCE NO		10	
STATE PROJ NO	F. A. PROJ. NO.		DESCRIPTION
8.1620402	[redacted]		R/W

DUKE POWER

MATCH LINE "A"

MARY F KIMEL
BETTY K. ZIMMERMAN
&
KENNETH I. ZIMMERMAN
(262)

C. M. KIMEL, EST. (268)

IRENE KIMEL TODD (266)

IRENE KIMEL-CALHOUN, ET AL (267)

RAY H. KIMEL (275)

CITY OF WINSTON-SALEM (265)

PERMANENT DRAINAGE EASEMENT

PROPOSED BERM DITCH

2' BASE DITCH SEE SHT 2-D DETAIL-5

68 TONS (SEE SHT. 9) CLASS 'B' STONE WITH FILTER CLOTH LINER

4 TONS CLASS 'B' STONE

18" CSP WITH 2 ELBOWS

15" CSP

3 TONS CLASS 'B' STONE

28"-48" C.S. Pipe w/Elbow & Perforated Riser S.I.t Basin Type 'A'

EMERGENCY SPILLWAY LINED WITH CLASS 'B' STONE 2.0' BASE 1.0' DEEP 18 TONS

V DITCH 1'-0" DEEP

SEE SHT 2-D DETAIL 5

3' Base Ditch

Est. 3 Tons CL. 'B' Stone

EST 7 TONS CL. "B" STONE

CAT-1 Guardrail TYPE B COATING 16 GA.

Temp. Diversion Channel

8" RCP

8"x6" CONC. CURB

3-8'x8' RCBC

Begin Culvert Sta 273+44.60

End Culvert Sta. 273+75.40

-L- REV. S 78°51'20.46" E 29 I.

USE T.S. NO. 1

Ditch Block

Guardrail

Est 65 Tons CL. II Rip Rap

MATCH LINE TO SHEET 9

MATCH LINE TO SHEET 11

Proposed Yee Ditch

70 TONS CLASS B STONE IN 2' BASE D/L

CLASS 'B' STONE

PROPOSE BERM DITCH

BERM OUTLET

S 78°10'18" E 828.00'

TEMP. DRAINAGE EASEMENT

S 34°09'37" W 67.24'

S 64°56'40" W 210.05'

S 28°46'40" W 129.50'

S 00°33'28" W 271.28'

SKETCH SHOWING ROADWAY APPROACHING BRIDGE

WOODS

-L-
P.I. = 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'
N = 66.67'

-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'
T2 = 384.13'
R = 5,729.578'
S/E = 0.038

FOR -Y-13REV. PLAN & PROFILE, SEE SHEETS 16 & 17
FOR -L-REV. PROFILE, SEE SHEET 25
FOR SERVICE ROAD "A" PROFILE, SEE SHEET 23

SER RD A
PI 12+20.32
Δ = 40°37'25.61" LT.
D = 12°
L = 338.53'
T = 176.73'
R = 477.4648'

POT 24+73.00 -Y-13 REV = POT 10+00.00 SER RD. A

PC 10+43.59 SER. ROAD A BEGIN CONSTRUCTION ELEV 803.77

278+75-L-REV 700'

PERMANENT DRAINAGE EASEMENT

DUKE POWER

STONEWOOD 273+50-L-REV. 600'

PERMANENT DRAINAGE EASEMENT

MATCH LINE "A"

SUPERELEVATION TRANSITION

260+67.08	TS 283+67.08	284+17.08	SC 286+17.08
SLOPE +0.24%		SLOPE +0.547%	E.B.L.
PROFILE GRADE LINE			BEGIN FULL SUPER W.B.L.
MED. E.O.P.		284+85.50 SLOPE -0.547%	

BEGIN STRUCTURE 19+33.20-Y-13 REV.

SEE SHT 2-D DETAIL 6 PROPOSED 3' BASE BERM DITCH 2' DEEP MIN.

124 TONS CLASS 'B' STONE WITH FILTER CLOTH LINER

160'-24" RCP

DITCH BLOCK

Proposed Guardrail

EBERT ST.

Type B

Guardrail

2 GI

20'-24" CSP

CLASS 'A' STONE 2 TONS EA.

END STRUCTURE 22158.20-Y-13 REV.

Type I

64'-18" RCP W/ELBOW

CONC. FLUMED NO FUNNEL REQ'D.

END FENCE

BEG. FENCE

OBLITERATE & ABANDON EXIST. PERM. DRAIN. EASEMENT

SERVICE ROAD A

BASE DITCH

PROP GUARDRAIL

TRACT III

CLASS B

USE T.S. NO 8 192.04-Y13-REV

CONSTRUCTION EASEMENT

PERMANENT DRAINAGE EASEMENT

PERMANENT DRAINAGE EASEMENT

Plan Sheet 10 of the final plans for Project 8.1620402 identified as Addendum No. 1 to the minutes of the 7th day of JULY, 1981, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17th day of JULY, 1981.

Custodian of Minutes of Board of Transportation

DEPARTMENT OF TRANSPORTATION

S.C. 286+17.08 -L- REV.

#5.00 d

365

SER. RD A.
P.I. 12+20.32
Δ = 40°37'25.61" LT.
D = 12°
L = 338.53'
T = 176.73'
R = 477.4648'

P.I. 16+73.43
Δ = 10°12'18.73" RT
D = 6°
L = 170.09'
T = 85.27'
R = 954.9297'

-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'
Te = 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 = 334.11'
R = 395.1433'

-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'
Te = 384.13'
R = 5,729.578'
S/E = 0.038

-L-
P.I. = 306+33.47
Δ = 28°01'34" LT.
D = 1°
Ls = 200'
Θs = 1°
Ts = 1,530.0026'
Lc = 2,602.611'
R = 5,729.578'
U = 133.335'
V = 66.669'

PROJ. REFERENCE NO.	SHEET NO.	DESCRIPTION
[redacted]	11	
B.1620402	[redacted]	R/W

SKETCH SHOWING ROADWAY APPROACHING BRIDGE

BEGIN STRUCTURE 19+33.20 -Y-13 REV.

MARGARET K. DYSON (268)
R.C. VAUGHN (273)
MAX S. ANTHONY
ALTA F MABE
IRENE P. KIMEL, ET AL
IRENE K. TODD (266)
IRENE KIMEL TODD
HAY H. KIMEL (275)
LARRY S. SMITH (276)
VIVIAN B. BLALOCK ESTATE (277)
EFFIE SMITH (278 B, 278C, 278A)
DOROTHY S WHITE DURHAM (284)
(BOBBY W. SMITH)
(C.W. MYERS)
(NANCY REYNOLDS)
N.C. D.O.T.
DUKE POWER CO. (EASEMENT)

PROPOSED BERM DITCH
5' BERM MIN 1' DEEP
2' BASE DITCH, MIN 1.0' DEEP
5.0' BERM LINED WITH CLASS 'B' STONE AND FILTER CLOTH
OBLITERATE AND ABANDON
PROP G.R.
EXIST. G.R.
PROP. 6' CHAIN LINK FENCE
2 STRAND BARBED WIRE FENCE
END FENCE
BEGIN FENCE
PROPOSED 3' BASE DITCH, 2' DEEP MIN.
47 TONS CLASS 'B' STONE LINER WITH FILTER CLOTH
BERM OUTLET
44'-18" CSP
STANDARD C BERM OUTLET
USE T.S. NO. 1
USE T.S. NO. 8
SERVICE ROAD 'A'
SER. ROAD A
TRACT I
TRACT II
TRACT IV
PROPOSED BERM DITCH
DITCH BLOCK
EFFIE SMITH
CLASS 'B' STONE
CHORD
EST. 4 TONS CL 'B' STONE
EST. 2 TONS CL "B" STONE
PERMANENT DRAINAGE EASEMENT "A"
PERMANENT DRAINAGE EASEMENT
CONSTRUCTION EASEMENT
"V" DITCH CLASS 'B' STONE WITH FILTER CLOTH LINER
END CONSTRUCTION P.O.T. 22+96.88 SERVICE ROAD 'A' ELEV 779.00'
P.O.T. 20+99.46-Y-13 REV.
P.O.S. 284+75.18-L-REV.
T.S. 284+17.08-L-REV.
P.O.T. 237+92.47 L=
P.O.S. 19+76.79 -Y-13
P.C. 292+79.82 -L- REV. L.B. =
P.C. 293+03.47 -L- L.A.
ELEV 785.64
P.T. 13+82.12 SER. ROAD 'A'
P.T. 15+88.16 SER. RD. A
P.T. 17+58.25 SER. RD. A
SEE SHEET 16 FOR REVISIONS TO L-13
SEE SHT 2-D DETAIL 5
SEE SHT 9 DETAIL B
SEE SHT 2-D DETAIL 5
SEE SHEET 16 FOR REVISIONS TO L-13
SEE SHT 2-D DETAIL 5
SEE SHT 2-D DETAIL 5
SEE SHT 5 FOR TAIL
MATCH LINE TO SHEET 16

FOR -Y-13 REV. PLAN & PROFILE, SEE SHEETS 16 & 17
FOR -L-REV. & -L- PROFILE, SEE SHEET 25
FOR SER. ROAD A PROFILE, SEE SHEET 23

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, [redacted], do hereby certify that this is a true and correct copy of Plan Sheet 11 of the final plans for Project 8.1620402, identified as Addendum No. 6, to the [redacted] on file in my office of the 7 day of JULY, 1982, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of JULY, 1982.

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation

$5.00

366

PROJ. REFERENCE NO.	SHEET NO.
[redacted]	12
[redacted]	[redacted]
8.1620402	R/W

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, [redacted], do hereby certify that this is a true and correct copy of Plan Sheet 12, identified as Addendum No. 6, to the final plans for Project 8.1620402 on file in my office of the 7 day of July, 19 81, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of July, 1981.

DEPARTMENT OF TRANSPORTATION

Custodian of Minutes of Board of Transportation

S.00

367

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, [illegible], do hereby certify that this is a true and correct copy of Plan Sheet 13 of the final plans for Project 8.1624.2, identified as Addendum [illegible] on file in my office, this the 7 day of June, 19 89.

WITNESS my hand and official seal, THIS THE [illegible] day of [illegible], 19 89.

[illegible]

DEPARTMENT OF TRANSPORTATION

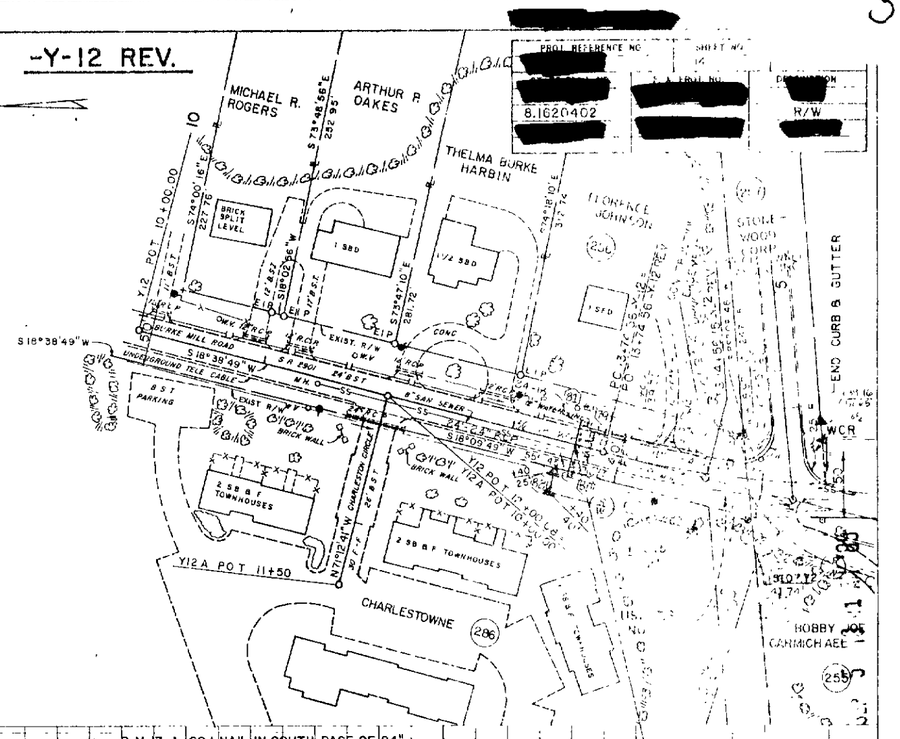
Custodian of Minutes of Board of Transportation

SEP 5 10 11 AM '89

S-6204

368

-Y-12 REV.


MICHAEL R. ROGERS
ARTHUR R OAKES
THELMA BURKE HARBIN
FLORENCE JOHNSON
8.1620402
R/W
BRICK SPLIT LEVEL
1 SBD
1½ SBD
1 SFD
OWC
EXIST. R/W
SR 2801
MIN. OF 55'
8" SAN SEWER
UNDERGROUND TELE CABLE
BST PARKING
BRICK WALL
2 SB & F TOWNHOUSES
CHARLESTOWNE
286
END CURB & GUTTER
WCR
BOBBY CANNICH AEE
Y12 POT 10+00.00
Y12 A POT 11+50
S18°38'49"W
S74°00'16"E 227.76
S18°09'49"W 281.72
S73°48'56"E 252.95
S73°48'10"E 317.76
N71°12'01"W
R=763.944'
R=1,909.8593'
R=1,909.86'
R=1,909.86'
R=1,909.86

369

-Y-12 REV.

RALPH C KIMEL ESTATE (254)
NOISE BARRIER
POT 247+50.95 -L-
POT 19+41.39 -Y-12 REV.
POC 19+62.68 -Y-12 REV. =
POT 246+51.28 -L- REV.
OBLITERATE
106.15
70
END CURB & GUTTER
STONEWOOD CORPORATION
S.C. 16+06.15 -Y12 REV.
DUKE POWER
SC 248+52.04 -L- REV.
OBLITERATE
ABNER GONZALEZ (261)
GEORGE T PAULOS (259)
END CONSTRUCTION 11+50 -Y-12 B
CONVERT TO JB
CONVERT CB TO JB
USE TS NO. 6
WOODWORTH DR.
Y12 B POT 10+00.00
S5°30'22"W
177.49'
ST 24+39.48 -Y-12 REV.
28.60 Y-12 REV
26.42
EST 20 TONS CLASS B STONE
CLASS B STONE WITH FILTER CLOTH LINER
RALPH C KIMEL (254)
ESTATE
NOISE BARRIER
BEG FENCE
END CURB & GUTTER
15+95 RT -Y-12 REV.
EXIST. R/W EASEMENT
BOBBY JOE CARMICHAEL (255)
245
END FENCE
20' DRIVEWAY TURNOUT
30' DRIVEWAY TURNOUT
BEGIN STRUCTURE
18+40.77 -Y-12 REV.
TYPE VI MOD.
TYPE XI ANCHOR UNIT
PROP G.R.
BCT-1
CLASS B STONE
END FENCE
USE TS NO.5 -Y-12 REV.
20' DRIVEWAY TURNOUT
PROP BERM DITCH
H. M. KIMEL HEIRS (258)
-Y-12
-Y-12 REV.
END STRUCTURE
20+73.11 -Y-12 REV.
DUKE POWER
TS 246+32.04 -L- REV.
RALPH C KIMEL (254)
326
PLAN SHEET

-Y-12	-Y-12 REV.		
PI = 15+00	PI = 21+42.90	PI = 29+61.55	PI = 19+54.66
Δ = 18°39'01" LT.	Δ = 6°14'44" RT	Δ = 10°44'35" RT.	Δ = 25° LT.
D = 7°30'	D = 3°30'	D = 4°	D = 3°
T = 125.44'	T = 89.31'	T = 134.68'	Ls = 150'
L = 248.67'	L = 178.44'	L = 268.58'	Θs = 2°15'
R = 763.944'	R = 1,637.022'	R = 1,432.395'	Ts = 498.51'
			Lc = 683.33'
			R = 1,909.8593'
			U = 100.008'
			V = 50.0078'
			S/E = 0.044

-Y-12 REV.	
PI = 26+12.93	
Θs = 3°45' RT	
Ls = 150'	
U = 100.0222'	
V = 50.0205'	
PI = 27+51.54 (U.F. MCGINGER)	
Δ = 8°50'43" RT (BRUCE CONNER)	
D = 5°	
T = 88.63'	
L = 176.9056'	
R = 1,145.9156'	
S/E = 0.003	

B.M. 17, 60d NAIL IN SOUTH ROOT OF 16" OAK 55' RT. STA. 16+95 -Y-12 OR 250' LT. STA. 246+10 -L- C. MED. ELEV. 843.24'

B.M. 17-B, CHISLED SQUARE ON CORNER OF DRIVEWAY APRON ON EAST SIDE OF DRIVE 18' LT. STA 10+45 -Y-12B ELEV. 805.60'

PROFILE

860
850
840
830
820
810
800

P.V.I. 17+51
EL. 828.18
V.C. 300'
-1.96 %
BEGIN BRIDGE -Y-12 REV.
STA. 18+40.77
END BRIDGE -Y-12 REV.
STA 20+73.11
-3.908 %
15" RCP
0.00 %
P.V.I. 25+90
EL. 805.39
V.C. 400'

-Y 12B
WOODWORTH DRIVE
-Y-12B POT 11+50
END CONSTRUCTION
EL 807.07
+1.41 %
E.O.P. 12+16.52
EL. 808.01
-Y-12 REV
POS 25+52.98 =
-Y-12B
POT 12+34.64

15 6 7 8 9 20 2 3 4 5 6 7

POC 19+62.86 -Y-12 REV. =
POT 246+51.28 -L- REV.

POC 28+39.82 -Y-12 REV.

PLAN

PROFILE

DATE
BY
SURVEYED
DRAWN
CHECKED
QUANTITIES CHECKED
AS CONSTRUCTED
PLANS APPROVED
NOTE BOOK
PAGE NOS.

STATE OF NORTH CAROLINA - COUNTY OF WAKE

I, Thurlene Conner, do hereby certify that this is a true and correct copy of Plan Sheet 15 of the final plans for Project 8.1602403, identified as Addendum No. 1 to the transaction file in my office on the 7 day of July, 19 89, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of July, 19 89.

Thurlene Conner

DEPARTMENT OF TRANSPORTATION
Thurlene Conner
Custodian of Minutes of Board of Transportation

SEP 5 10 11 AM '89

-Y-13 REV. & SER. RD. A

PROJ. REFERENCE NO.	SHEET NO.
[redacted]	16
[redacted]	F. A. PROJ. NO. [redacted]
B.1620402	DESCRIPTION R/W

PLAN

EFFIE SMITH — MAX S. ANTHONY — ALTA F. MABE — IRENE R. KIMEL, ET AL — R.C. VAUGHN — W.L. SNYDER, HEIRS — MARGARET E. FLOYD — ANNIE R. COX & CLARICE S. WADDELL — OBLITERATE AND ABANDON ROADWAY & R/W — MARGARET K. DYSON — F. KUTAY DASER — IRENE K. TODD — RAY H. KIMEL — [redacted]

-Y-13
PI = 20+80.34
Δ = 48°26'48" RT
D = 14°30'
T = 177.78'
L = 334.11'
R = 395.1433'

-Y-13 REV.
PI = 13+73.74
Δ = 23°33'06" RT
D = 4°
Ls = 150'
θs = 3°
Ts = 373.7493'
Lc = 438.79'
R = 1,432.3945'
U = 100.014'
V = 50.013'
S/E = 0.051

PROFILE

BEGIN GRADE EL. 842.23 -Y-13 REV. T.S. 10+00

BEGIN CONSTRUCTION 10+00 -Y-13 REV.

4.2 %

-1.142 %

P.V.I. 17+00
EL. 812.83
V.C. 400'

DETAIL A
TYPICAL SECTION FOR BASE DITCH
3.0' BASE
2.0' DEEP MIN
1.0' UP D/L
CLASS 'B' STONE WITH FILTER CLOTH UNDER

BEGIN BRIDGE STA. 19+33.20 -Y-13 REV.
END BRIDGE STA. 22+58.20 -Y-13 REV.
BEGIN STRUCTURE 19+33.20 -Y-13 REV.
END STRUCTURE 22+66.20 -Y-13 REV.

SKETCH SHOWING ROADWAY APPROACHING BRIDGE

P.O.T. 10+00 -Y-13 = T.S. 10+00 -Y-13 REV.

P.O.T. 20+99.46 -Y13- REV. = P.O.S. 284+75.18 -L-REV.

FOR -L- REV. PROFILE, SEE SHEET 8-A.

FOR SER ROAD A PROFILE, SEE SHEET 23

B.M. 21, 60d NAIL IN EAST ROOT OF 60" OAK 135' RT. STA. 284+50 -L- & MEDIAN 70' RT. STA. 23+60 -Y-13 ELEV. 810.04'

PT. 13+82.12 SER. RD. 'A'

PERMANENT DRAINAGE EASEMENT

SER. RD. A
PI 12+20.32
Δ = 40° 37' 25.61" LT
D = 12°
L = 338.53'
T = 176.73'
R = 477.4648'

CONSTRUCTION EASEMENT

BEG CONSTRUCTION PC 10+43.59 SER RD A ELEV. 893.77

STATE OF NORTH CAROLINA - COUNTY OF WAKE

I, Pauline Lang, do hereby certify that this is a true and correct copy of Plan Sheet 16 of the final plans for Project B.1620402 identified as Addendum 6 on file in my office, and Addendum 6 was approved by the Board of Transportation at its meeting on the 7 day of July, 19 82, IN TESTIMONY WHEREOF, I have hereunto set my hand this the 17 day of July, 19 82.

Pauline Lang
Custodian of Minutes of Board of Transportation

371

-Y-13 REV.

PROJ. REFERENCE NO.	SHEET NO. 17	
[redacted]		
[redacted]	F. A. PROJ. NO.	DESCRIPTION
8.1620402	[redacted]	R/W

SER. RD. A
P.I. 12+20.32
Δ = 40° 37' 25.61" LT.
D = 12°
L = 338.53'
T = 176.73'
R = 4774.648'

-Y13-
P.I. 27+99.70
Δ = 39° 54' 14" LT
D = 9° 15' 00"
T = 206.73'
L = 399.05'
R = 619.413'

-Y-13 REV.
P.I. = 28+23.20
Δ = 12° 01' 02" LT.
D = 9° 15'
T = 65.1971'
L = 129.9159'
R = 619.4138'

USE T.S. NO. 8
USE T.S. NO. 7
RAY H. KIMEL (275)
DANNY W SELL (276)
IRENE P KIMEL (267)
OBLITERATE AND ABANDON
CONSTRUCTION EASEMENT
PERMANENT DRAINAGE EASEMENT
V-DITCH 1.0' DEEP SEE SHT 2.0 DETAIL 4
BEG FENCE
END FENCE
12"-18" RCP OPEN END PIPE
BEGIN CONSTRUCTION SERVICE ROAD A
END CONSTRUCTION 27+58 -Y-13 REV.
PC 27+58 -Y13 REV L.B.
POC 28+62.10 -Y-13 L.A.
POT 24+73.00-Y-13 REV.
POT 10+00.00 SER. RD. A
POT 34+00 -Y-13
12" CAST IRON WATER LINE
8" SAN SEWER
FOR SER ROAD A PROFILE, SEE SHEET 18

B.M. 21-B, 60d NAIL IN WEST BASE OF 12" PINE 42' LT. STA. 33+65 -Y-13 ELEV. 792.99'

PROFILE
-1.142%
+1.2722%
18" RCP
P.V.I. = 26+00
EL. = 802.57'
V.C. = 300'
END GRADE EL. 804.58 -Y-13 REV. P.C. 27+58
END CONSTRUCTION 27+58 -Y-13 REV.

PC 27+58 -Y13 REV L.B.
POC 28+62.10 -Y-13 L.A.

RECEIVED FOR REGISTRATION
SEP 5 10 44 AM '89

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

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, Pauline Lang, do hereby certify that this is a true and correct copy of Plan Sheet 17 of the plans for Project 8.1620402 identified as Addendum [illegible] on file in my office of the 7 day of [illegible], 19[illegible], Board of Transportation. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 7 day of [illegible], 1989.
Pauline Lang