

ID - B-2214

STATE	STATE PROJECT REFERENCE NO	SHEET NO.	TOTAL SHEETS
N.C.	8.1621801	1	75
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
8.1621801		C.R.W. 100' ST	
6.503250		R.W. 100' ST	

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

FORSYTH COUNTY

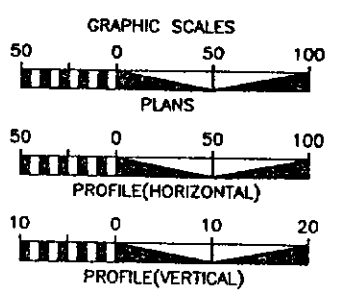
LOCATION: BRIDGE OVER I-40 AND US 421 WITH APPROACHES
ON NC 150 AT WEST CITY LIMITS OF KERNERSVILLE
TYPE OF WORK: GRADING, PAVING, DRAINAGE, STRUCTURE, LANDSCAPE,
WIDENING, SNOWPLOWABLE PAVEMENT MARKERS &
THERMOPLASTIC PAVEMENT MARKINGS

CONVENTIONAL SYMBOLS

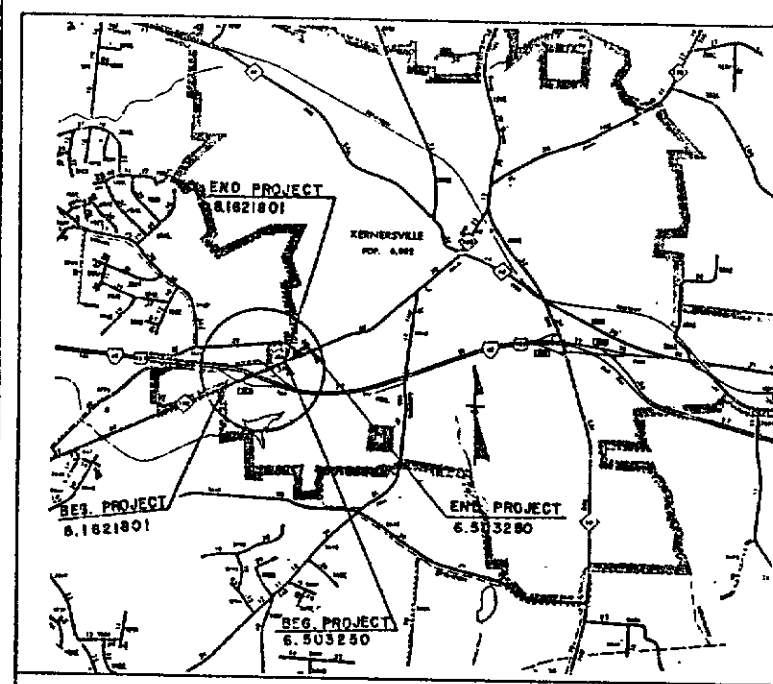
- County Line
- City or Town Line
- Exist. Right of Way Line & Marker
- Right of Way Line & Marker
- Survey Line
- Property Line
- Exist. Fence
- Proposed Road
- Existing Road
- Railroad
- Control of Access Line
- Slope Stake Line
- Bridge
- Culvert
- Woods
- Telephone or Telegraph Pole
- Tower Pole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

DESIGN DATA

ADT	1990	17,100
ADT	2010	35,900
DHV	10%	
D	60%	
T	3%	
V	35 MPH	

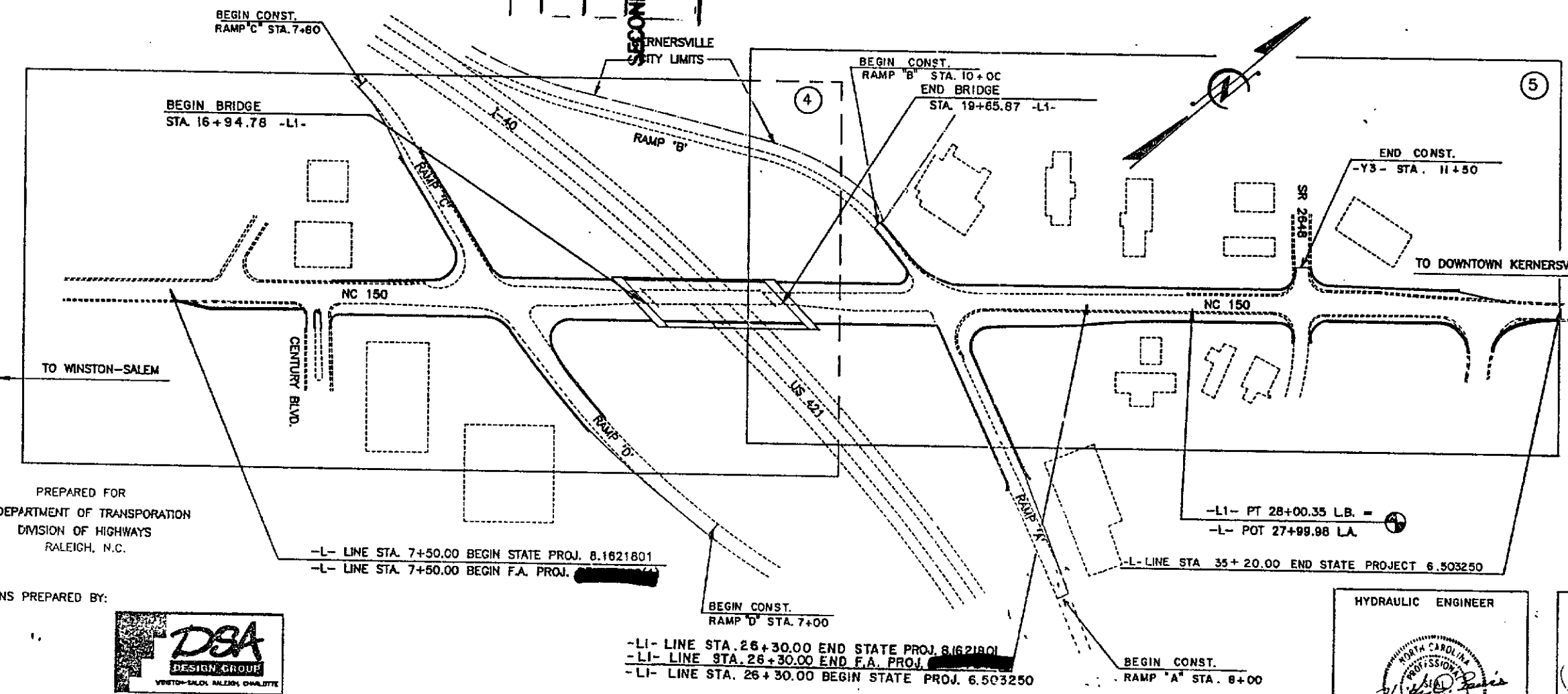


SEE SHEET 1-A FOR INDEX OF SHEETS



SKETCH MAP SHOWING VICINITY OF STATE PROJECT NO. 8.1621801 & 6.503250

PROJECT NO.	ROAD NUMBER
8.1621801	NC 150, 240, 45421
6.503250	Century Blvd.
6.503250	2448



PREPARED FOR
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

PLANS PREPARED BY:

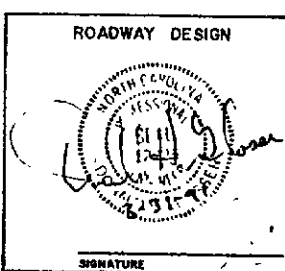
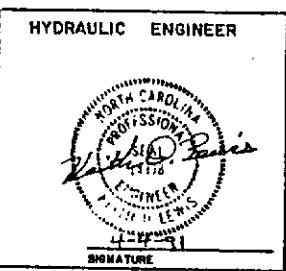


CONTACT: C. CASEY - NCDOT
ENGINEERING COORDINATOR

LETTING DATE: August 20, 1991

1990 STANDARD SPECIFICATIONS

LENGTH ROADWAY F.A. PROJECT 8.1621801 = .305 MILE
LENGTH STRUCTURE F.A. PROJECT 8.1621801 = .051 MILE
TOTAL LENGTH STATE PROJECT 8.1621801 = .356 MILE
LENGTH ROADWAY PROJECT 6.503250 = .188 MILE
TOTAL LENGTH STATE PROJECT 6.503250 = .169 MILE
TOTAL LENGTH STATE PROJECT 8.1621801 & 6.503250 = .525 MILE



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
APPROVED: *[Signature]*
STATE HIGHWAY ENGINEER - DESIGN
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
FOR DIVISION ADMINISTRATOR
DATE: 1/3/91

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, *[Signature]*, do hereby certify that this is a true and correct copy
of the final plans for Project 8.1621801/6.503250, identified as
Addendum 3 to the minutes on file in my office of the 16 day of September
1991, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set
my hand this 16 day of September, 1991.

DEPARTMENT OF TRANSPORTATION
[Signature]
Custodian of Minutes of Board of Transportation

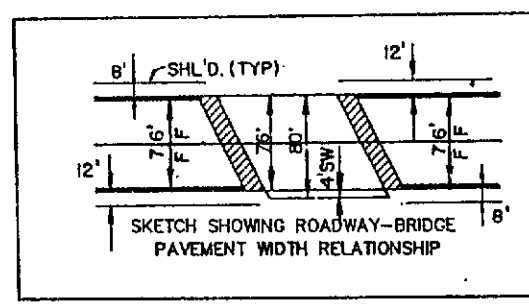
ID-B-2214

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1621801	4	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
8.1621801		CONST.

REFERENCES:
FOR PROFILE OF L-LINE & LI, SEE SHEET NO. 6
FOR PROFILE OF RAMP "C", SEE SHEET NO. 9
FOR PROFILE OF RAMP "D", SEE SHEET NO. 9

- NOTES:
- THE EXIST. 4' PAVED SHOULDER ON THE LEFT SIDE OF RAMP "C" IS FULL DEPTH PAVEMENT.
 - ANY MAJOR BUSINESS SIGNS REMAINING WITHIN THE CONSTRUCTION EASEMENTS ARE NOT TO BE DISTURBED DURING CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO WORK AROUND THEM.

RAMP "C"
P.I. = 7+99.09
D = 4° 40' 59"
Δ = 09° 15' 39"
R = 1223.4816'
T = 99.093'
L = 197.7537'



FOR RAMP "C" X-SECTIONS
SEE SHEET X-10

-L1-
P.I. 12+46.14
Δ 2° 37' 20" RT.
D 1° 00' 00"
T 131.14'
L 262.23'
R 5729.578'
S.E. N.C.

-L1-
P.I. 15+08.37
Δ 2° 37' 20" LT.
D 1° 00' 00"
T 131.14'
L 262.23'
R 5729.578'
S.E. N.C.

END BRIDGE
-L1- POT 19+65.87
END APPROACH SLAB
-L1- POT 19+81.46

MATCH LINE STA. 21+00 -L-
SEE SHEET NO. 5

FOR RAMP "D" X-SECTIONS
SEE SHEET X-11

RAMP "D" CURVE 1
P.I. = 5+06.42
D = 5° 10' 50"
Δ = 10° 59' 32"
R = 1108.978'
T = 106.416'
L = 212.182'

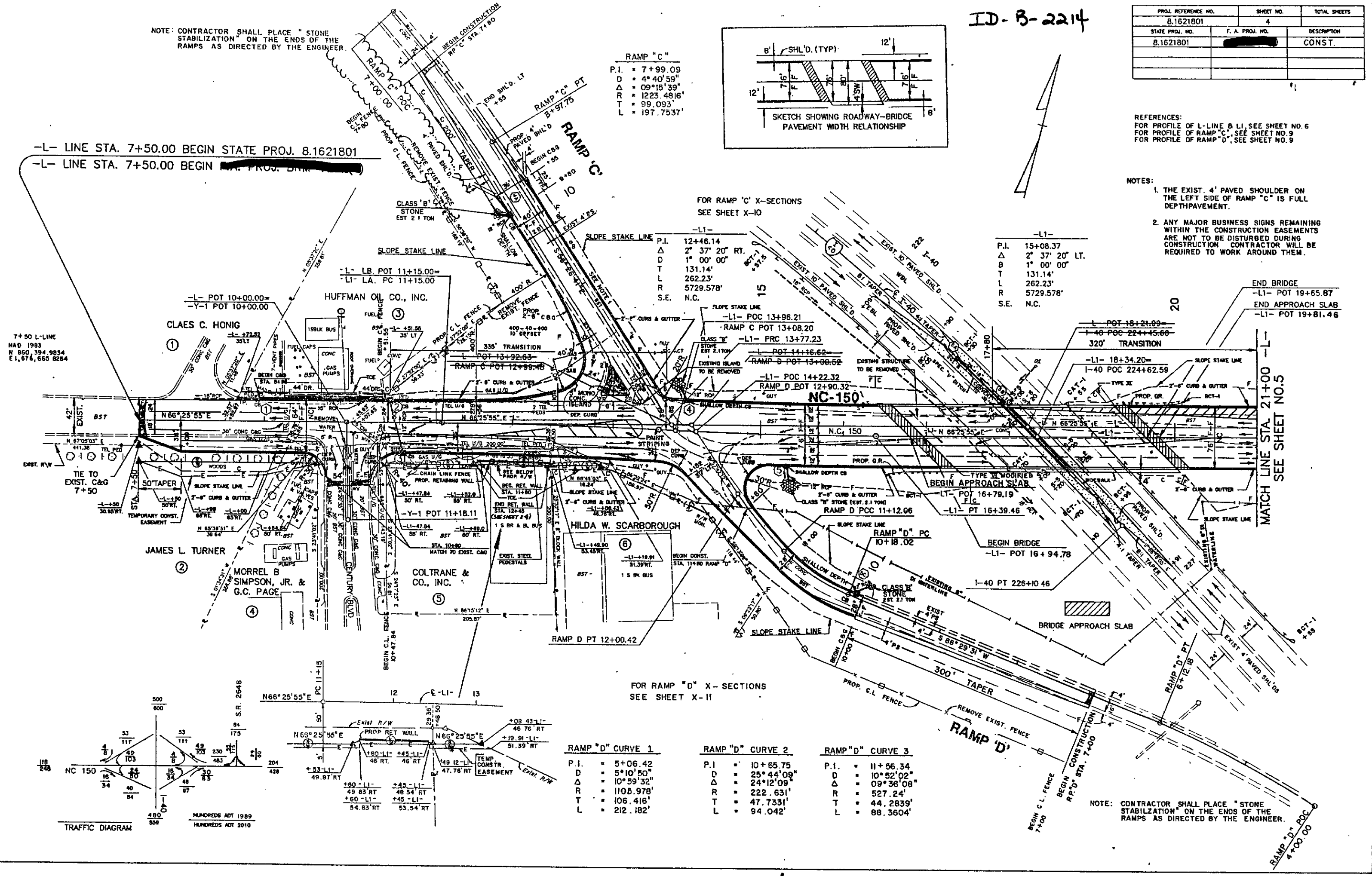
RAMP "D" CURVE 2
P.I. = 10+65.75
D = 25° 44' 09"
Δ = 24° 12' 09"
R = 222.631'
T = 47.7331'
L = 94.042'

RAMP "D" CURVE 3
P.I. = 11+56.34
D = 10° 52' 02"
Δ = 09° 38' 08"
R = 527.24'
T = 44.2839'
L = 88.3604'

NOTE: CONTRACTOR SHALL PLACE "STONE STABILIZATION" ON THE ENDS OF THE RAMPS AS DIRECTED BY THE ENGINEER.

DEPARTMENT OF TRANSPORTATION
Pauline Wright
Secretary of Board of Transportation

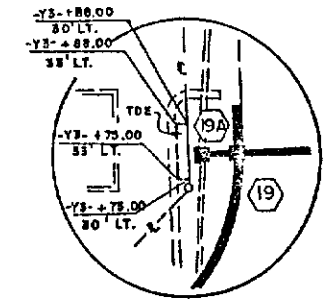
"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, *Pauline Wright*, do hereby certify that this is a true and correct copy of the final plans for Project 8.1621801/6503250, identified as *State Road 104*, to the minutes on file in my office of the *6* day of *September*, 19 *71*. Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this *16* day of *September*, 19 *71*.



ID-B-2214

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1621801	5	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
8.1621801		CONSTR.
6.503250		CONSTR.

REFERENCES
FOR PROFILE OF L1 & L-LINE, SEE SHEET NO. 6
FOR PROFILE OF RAMP "A", SEE SHEET NO. 8
FOR PROFILE OF RAMP "B", SEE SHEET NO. 8
FOR PROFILE OF Y-3, SEE SHEET NO. 8



DETAIL OF TEMPORARY DRAINAGE EASEMENT AREA

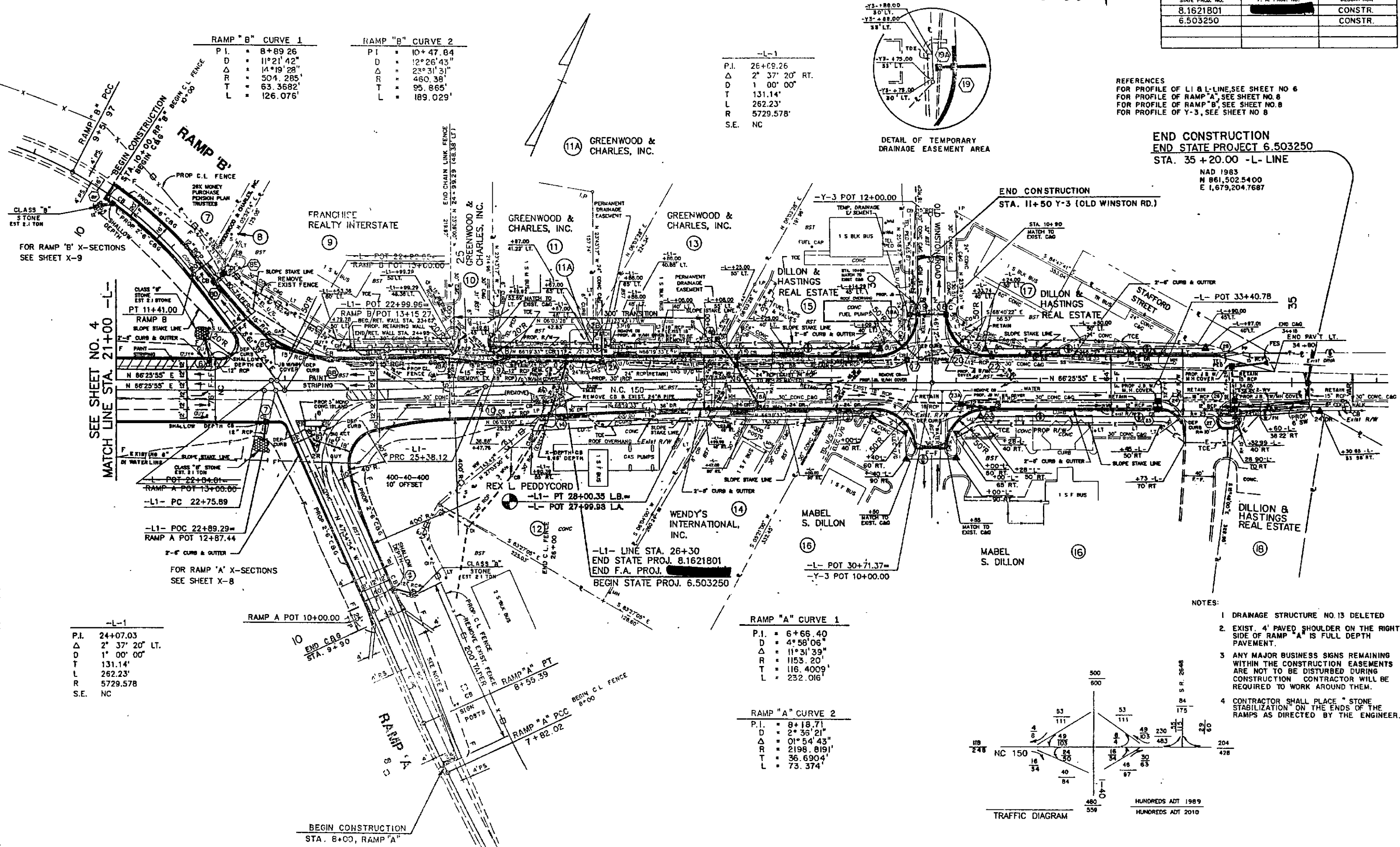
P.I. 26+09.26
Δ 2° 37' 20" RT.
D 1 00' 00"
T 131.14'
L 262.23'
R 5729.578'
S.E. NC

RAMP "B" CURVE 1
P.I. 8+89.26
Δ 11° 21' 42"
D 14° 19' 28"
R 504.285'
T 63.3682'
L 126.076'

RAMP "B" CURVE 2
P.I. 10+47.84
Δ 12° 26' 43"
D 23° 31' 31"
R 460.38'
T 95.865'
L 189.029'

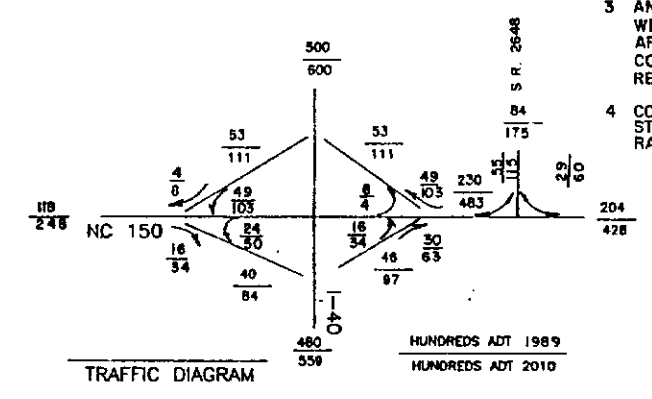
END CONSTRUCTION
END STATE PROJECT 6.503250
STA. 35+20.00 -L- LINE
NAD 1983
N 861,502.5400
E 1,679,204.7687

END CONSTRUCTION
STA. 11+50 Y-3 (OLD WINSTON RD.)



RAMP "A" CURVE 1
P.I. 6+66.40
Δ 4° 58' 06"
D 11° 31' 39"
R 1153.20'
T 116.4009'
L 232.016'

RAMP "A" CURVE 2
P.I. 8+18.71
Δ 2° 35' 21"
D 01° 54' 43"
R 2198.6191'
T 36.6904'
L 73.374'



- NOTES:
- DRAINAGE STRUCTURE NO. 13 DELETED
 - EXIST. 4' PAVED SHOULDER ON THE RIGHT SIDE OF RAMP "A" IS FULL DEPTH PAVEMENT.
 - ANY MAJOR BUSINESS SIGNS REMAINING WITHIN THE CONSTRUCTION EASEMENTS ARE NOT TO BE DISTURBED DURING CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO WORK AROUND THEM.
 - CONTRACTOR SHALL PLACE "STONE STABILIZATION" ON THE ENDS OF THE RAMPS AS DIRECTED BY THE ENGINEER.

DEPARTMENT OF TRANSPORTATION
Caroline Wright
Customs & Finance Board of Transportation

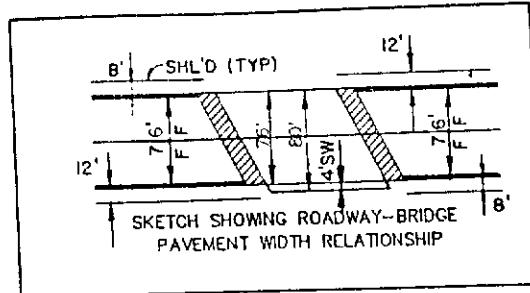
"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
Caroline Wright, do hereby certify that this is a true and correct copy of the final plans for Project 8.1621801/6.503250 identified as Addendum 3 to the minutes of the 6 day of September 1991, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of September, 1991.

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1621801	4	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
8.1621801		

REFERENCES
 FOR PROFILE OF L-LINE & L1, SEE SHEET NO 5
 FOR PROFILE OF RAMP 'C', SEE SHEET NO 9
 FOR PROFILE OF RAMP 'D', SEE SHEET NO 9

- NOTES:
- 1 THE EXIST 4' PAVED SHOULDER ON THE LEFT SIDE OF RAMP 'C' IS FULL DEPTH PAVEMENT.
 - 2 ANY MAJOR BUSINESS SIGNS REMAINING WITHIN THE CONSTRUCTION EASEMENTS ARE NOT TO BE DISTURBED DURING CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO WORK AROUND THEM.

RAMP "C"
 P.I. = 7+99.09
 Δ = 4° 40' 59"
 D = 09° 15' 39"
 R = 1223.4816'
 T = 99.093'
 L = 197.7537'



FOR RAMP 'C' X-SECTIONS
 SEE SHEET X-10

-L1-
 P.I. 12+46.14
 Δ 2° 37' 20" RT.
 C 1° 00' 00"
 T 131.14'
 L 262.23'
 R 5729.578'
 S.E. N.C.

-L1-
 P.I. 15+08.37
 Δ 2° 37' 20" LT.
 C 1° 00' 00"
 T 131.14'
 L 262.23'
 R 5729.578'
 S.E. N.C.

END BRIDGE
 -L1- POT 19+65.67
 END APPROACH SLAB
 -L1- POT 19+61.46

MATCH LINE STA. 21+00 -L-
 SEE SHEET NO.5

FOR RAMP "D" X-SECTIONS
 SEE SHEET X-11

RAMP "D" CURVE 1
 P.I. = 5+06.42
 Δ = 5° 10' 50"
 D = 10° 59' 32"
 R = 1105.978'
 T = 106.416'
 L = 212.182'

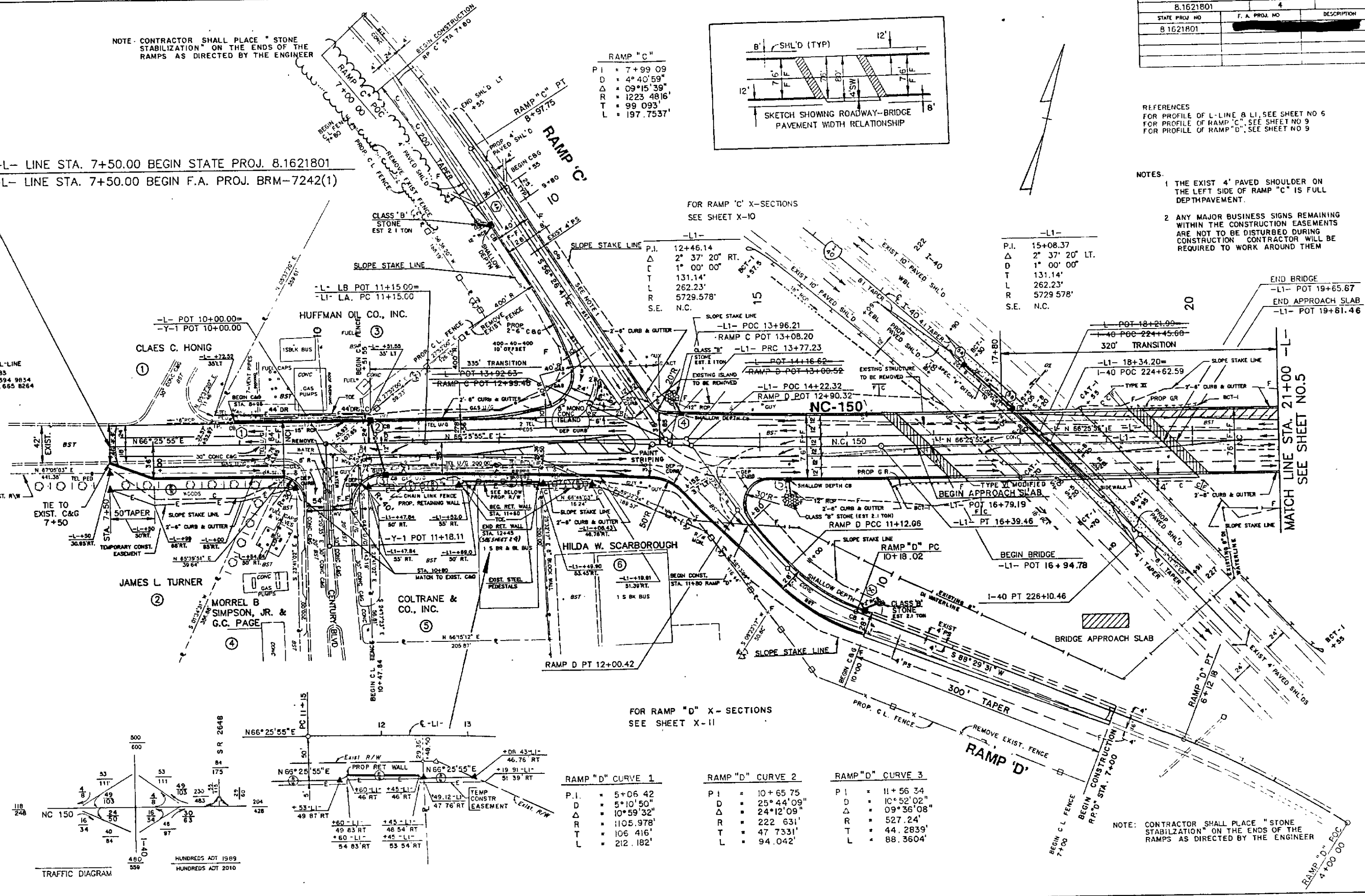
RAMP "D" CURVE 2
 P.I. = 10+65.75
 Δ = 25° 44' 09"
 D = 24° 12' 09"
 R = 222.631'
 T = 47.7331'
 L = 94.042'

RAMP "D" CURVE 3
 P.I. = 11+56.34
 Δ = 10° 52' 02"
 D = 09° 36' 08"
 R = 527.24'
 T = 44.2839'
 L = 88.3604'

NOTE: CONTRACTOR SHALL PLACE "STONE STABILIZATION" ON THE ENDS OF THE RAMPS AS DIRECTED BY THE ENGINEER

-L- LINE STA. 7+50.00 BEGIN STATE PROJ. 8.1621801
 -L- LINE STA. 7+50.00 BEGIN F.A. PROJ. BRM-7242(1)

7+50 L-LINE
 NAD 1983
 N 860.394 9834
 E 1,676,665 8264



PRESENTED FOR
 REGISTRATION
 AND RECORDED
 DEPARTMENT OF TRANSPORTATION
 FEB 10 P2: *Shirley W. Wooten*
 8.1621801
 of revised Plan Sheet 4 of the final plans for Project 8.1621801, said revised plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum 19 to the minutes on file in my office of the 11 day of October, 1991, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of October, 1991.
 L.E. SPEAS
 REGISTER OF DEEDS
 FORSYTH CO., N.C.
 \$5.00 pd. *JS*
 446

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
B.1621801	5	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
B.1621801		

REFERENCES
 FOR PROFILE OF L1 & L-LINE, SEE SHEET NO. 6
 FOR PROFILE OF RAMP "A", SEE SHEET NO. 8
 FOR PROFILE OF RAMP "B", SEE SHEET NO. 8
 FOR PROFILE OF Y-3, SEE SHEET NO. 8

END CONSTRUCTION
 END STATE PROJECT 6.503250
 STA. 35 + 20.00 - L-LINE

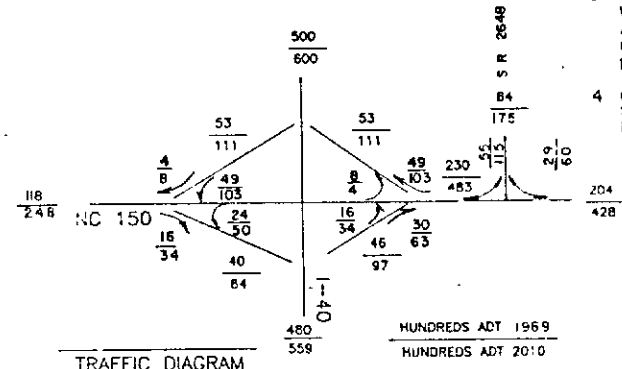
NAD 1983
 N 861,502.5400
 E 1,679,204.7687

DETAIL OF TEMPORARY
 DRAINAGE EASEMENT AREA

END CONSTRUCTION
 STA. 11+50 Y-3 (OLD WINSTON RD.)

END CAG
 STA. 34+80
 END PAV. LT.

- NOTES:
1. DRAINAGE STRUCTURE NO. 13 DELETED
 2. EXIST. 4' PAVED SHOULDER ON THE RIGHT SIDE OF RAMP "A" IS FULL DEPTH PAVEMENT
 3. ANY MAJOR BUSINESS SIGNS REMAINING WITHIN THE CONSTRUCTION EASEMENTS ARE NOT TO BE DISTURBED DURING CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO WORK AROUND THEM.
 4. CONTRACTOR SHALL PLACE "STONE STABILIZATION" ON THE ENDS OF THE RAMPS AS DIRECTED BY THE ENGINEER



RAMP "B" CURVE 1		RAMP "B" CURVE 2	
P.I.	8+89.26	P.I.	10+47.84
D	11°21'42"	D	12°26'43"
Δ	14°19'28"	Δ	23°31'31"
R	504.285'	R	460.38'
T	63.3682'	T	95.865'
L	126.076'	L	189.029'

-L-1	
P.I.	26+69.26
Δ	2°37'20" RT.
D	1°00'00"
T	131.14'
L	262.23'
R	5729.578'
S.E.	NC

RAMP "A" CURVE 1	
P.I.	6+66.40
D	4°58'06"
Δ	11°31'39"
R	1153.20'
T	116.4009'
L	232.016'

RAMP "A" CURVE 2	
P.I.	8+18.71
D	2°36'21"
Δ	0°54'43"
R	2198.8191'
T	36.6904'
L	73.374'

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, *Matthew Wiley*, do hereby certify that this is a true and correct copy of the final plans for Project *B.1621801*, and the revised plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum *19* to the minutes on file in my office of the *11* day of *October*, 19*91*. Board of Transportation meeting in TESTIMONY *HERE*, I have hereunto set my hand this *21* day of *October*, 19*91*.

PRESENTED FOR
 RECORDATION
 DEPARTMENT OF TRANSPORTATION
 AND RECORDATION
Paula Wiley

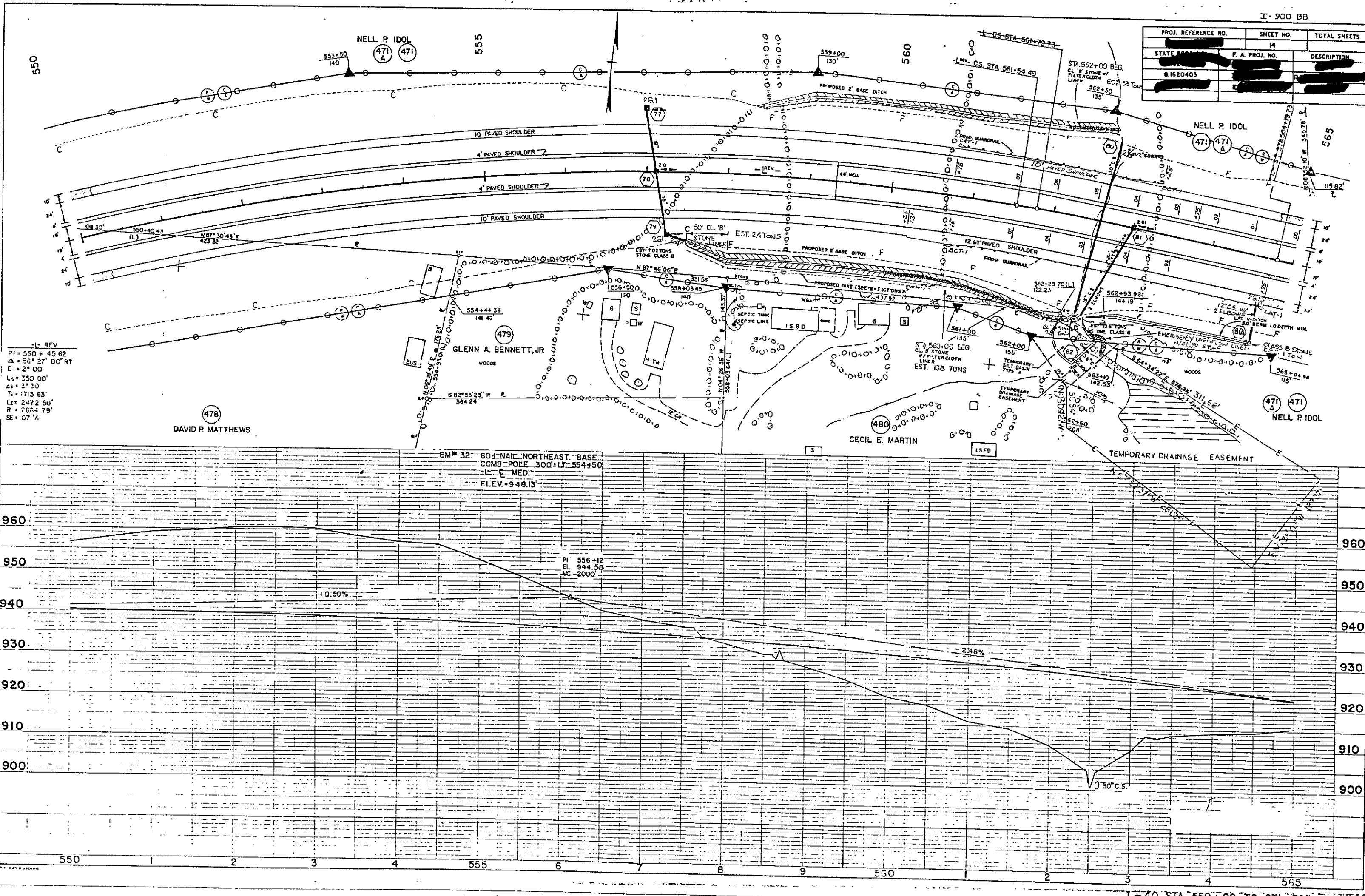
FEB 10 P2 Synodian of Minutes of Board of Transportation

L.E. SPEAS
 REGISTER OF DEEDS
 WAKE COUNTY, N.C.

447

PLAN
R/W REV. 9-27-91
PARCEL 480 INCREASE TEMP.
DRAIN. EASE. M.S.D.

ALLO.
PLAN SHEET
DATE 8/16/2000
BY [Signature]



PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
STATE 8000-10	14	
8.1620403		
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

PRESENTED FOR
REGISTRATION
RECORDED
"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
do hereby certify that this is a true and correct
revised plan sheet for Project 8.1620403
as amended as Addendum #13 to the minutes of the Board of Transportation and
to the minutes on file in my office of the day of
November 1991, Board of Transportation meeting. IN TESTIMONY
WHEREOF, I have hereunto set my hand this 8 day of November 1991.

DEPARTMENT OF TRANSPORTATION

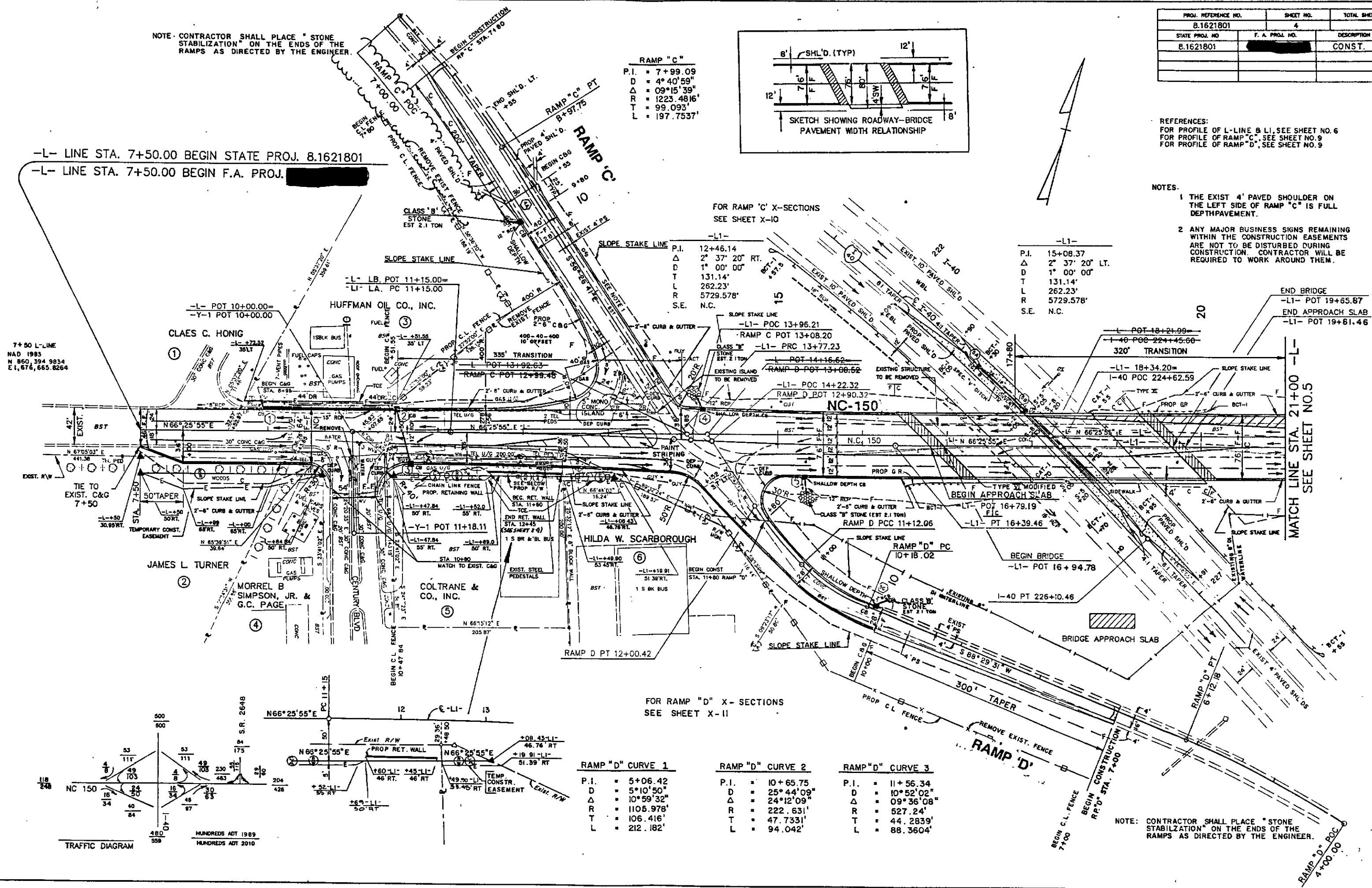
Custodian of Minutes of Board of Transportation

L.E. SPEAS
REGISTER OF DEEDS
FORSYTH CO. N.C. \$5.00pd

448

I-40 STA. 550+00 TO STA. 565+00

8.1621801



“STATE OF NORTH CAROLINA - COUNTY OF WAKE”

"William W. Wright, do hereby certify that this is a true and correct copy of Revised Plan Sheet 4 of the final plans for Project 8-162-1801, said revised plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum 14 to the minutes on file in my office of the 6 day of December, 1991, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 16 day of December 1991."

PRESENTED FOR
REGISTRATION
AND RECORDED

DEPARTMENT OF TRANSPORTATION 28 P252

Andrie Wang
Custodian of Minutes of Board of Transportation
REGISTER OF DEEDS
FORSYTH CO. N.C.

450

8.1621003/8.1620903

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1621003	51K	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION

PRESENTED FOR
REGISTRATION
AND RECORDED

92 APR 14 AM 021

L.E. SPEAS
REGISTER OF DEEDS
DEPARTMENT OF TRANSPORTATION & HIGHWAYS
Charlotte, N.C.
By *Pauline Wiley* 5/5/92
Secretary of Board of Transportation

450

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
I, *Pauline Wiley*, hereby certify that this is a true and correct copy
of revised Plan Sheet 51K, dated 8.1620903/8.1621003, said
revised plan sheet having been filed in my office of the
identified as Addendum 10
WHEREFORE, I have hereunto set my hand this 17 day of February, 1992

