

8.1620425

REDUCTION RATIO 24 to 1

U. S. DEPT. OF TRANSPORTATION
REPRODUCTION DEPT. HIGHWAY BLDG.
WASHINGTON, D. C. 20591

Reproduction
Material
(Rev. 10/75)

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION & HIGHWAY SAFETY
REPRODUCTION DEPT., HIGHWAY BLDG.
RALEIGH, N. C. 27611

Project No. 8.1620425 County Forsyth

Reel No. 1477
Position No. 4

Type of Plan: Survey

REMARKS:

2 SETS OF PLANS CONSISTING OF: TITLE
TYPICAL SECTIONS, DETAILS, AND PLAN & PRO-
FILE SHEETS FOR ROADWAY, OR TITLE AND PLAN
SHEETS FOR BRIDGE, THESE HAVE BEEN MADE
AND SENT BACK TO THE DIVISION.

5/6/93

SHEET NO. INDEX

TITLE SHEET
1 ORIGINAL TITLE SHEET
2-7 INDEX OF SHEETS, GENERAL NOTES,
AND LISTS OF STANDARDS
TYPICAL SECTION
SUMMARY OF DRAINAGE QUANTITIES
8-13 PLAN SHEETS
CROSS SECTIONS
ELECTRICAL PLAN SHEETS
LANDSCAPE PLAN SHEETS
UTILITY PLAN SHEETS
SIGNING PLAN SHEETS
CULVERT PLAN SHEETS
14-31 STRUCTURE PLAN SHEETS
COMPUTATION SHEET FOR ITEMS NOT
COMPUTED IN PAY RECORD BOOKS

AS CONSTRUCTED PLANS

PROJECT NO. : 8.1620425

F.A. NO. : IR-40-3(77) 194

T.I.P. NO. : 1-900AH

COUNTY : FORSYTH

DESCRIPTION : GRADING, DRAINAGE, PAVING, AND JACKING EXISTING STRUCTURE
ON I-40 FROM SR 2743 (OLD LEXINGTON ROAD) TO NC 109
(THOMASVILLE ROAD) IN WINSTON-SALEM.

DIVISION NO. : 9

CONTRACTOR : CROWER CONSTRUCTION CO.

P.O. BOX 30007

CHARLOTTE, N.C. 28230

DIVISION ENGINEER : D.B. WATERS

RESIDENT ENGINEER : G.R. STONE

THESE PLANS WERE FILMED
BY
NORTH CAROLINA
DEPT. OF TRANSPORTATION

REPRODUCTION
5/6/93

I HEREBY CERTIFY THAT THIS PROJECT
WAS CONSTRUCTED ACCORDING TO
PLANS EXCEPT AS NOTED HEREIN.

George R. Stone
RESIDENT ENGINEER

FINAL RIGHT OF WAY HAS BEEN CHECKED.

R. Stanley Morgan
DIVISION RIGHT OF WAY AGENT

SHEET NO.	INDEX OF SHEETS
1	TITLE
1-A	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS
2 THRU 2-A	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2-B	DETAIL SHOWING NOISE WALLS
2-C THRU 2-D	DETAIL OF GUARDRAIL IN LIEU OF STANDARDS
3	SUMMARY OF QUANTITIES
3-A	PIPE SUMMARY AND GUARDRAIL SUMMARY
3-B	SUMMARY OF EARTHWORK, GUARDRAIL REMOVAL, CHAIN LINK FENCE AND CHAIN LINK FENCE TO BE REMOVED
4 THRU 9	PLAN AND PROFILE SHEETS
TCP-1 THRU TCP-7	TRAFFIC CONTROL PLAN
EC-1 THRU EC-5	EROSION CONTROL PLANS
U-1	UTILITY CONFLICTS
X-1 THRU X-20	CROSS-SECTIONS

GENERAL NOTES:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 100.01 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.02C USING 3" RADII OR RADII AS SHOWN ON THE PLANS. LOCATIONS OF DRIVES WILL BE AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS.

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

THE CONTRACT INCLUDES THE FOLLOWING ITEMS FOR WHICH QUANTITIES AND LOCATIONS WILL BE DETERMINED BY THE ENGINEER DURING CONSTRUCTION:

- DRAINAGE DITCH EXCAVATION
- ADDITIONAL GUARDRAIL POST
- SUPPLEMENTAL CLEARING AND GRUBBING
- SILT CLEANOUT
- FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
- BEDDING MATERIAL, PIPE CULVERT
- INCIDENTAL STONE BASE
- BITUMINOUS CONC. BASE COURSE, TYPE HB
- BITUMINOUS PLANT MIX PAVEMENT REPAIR
- BITUMINOUS CONC. SURF. COURSE, TYPE HDS
- 4" CONCRETE SIDEWALK
- 6" CONCRETE DRIVEWAY

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

UTILITY OWNERS ON THIS PROJECT ARE SOUTHERN BELL TELEPHONE, DUKE POWER AND CITY OF WINSTON-SALEM.

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.

NOTE TO THE CONTRACTOR: WHERE EXISTING FENCE IS TO BE REMOVED FENCE WILL BE BUTTED TO THE PROPOSED WALL.

USE WITH 1990 SPECIFICATIONS

01 THE FOLLOWING ROAD STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - ROADWAY DESIGN UNIT - N. C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N. C., DATED JULY 1, 1978 AND THE LATEST REVISION HERETO ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

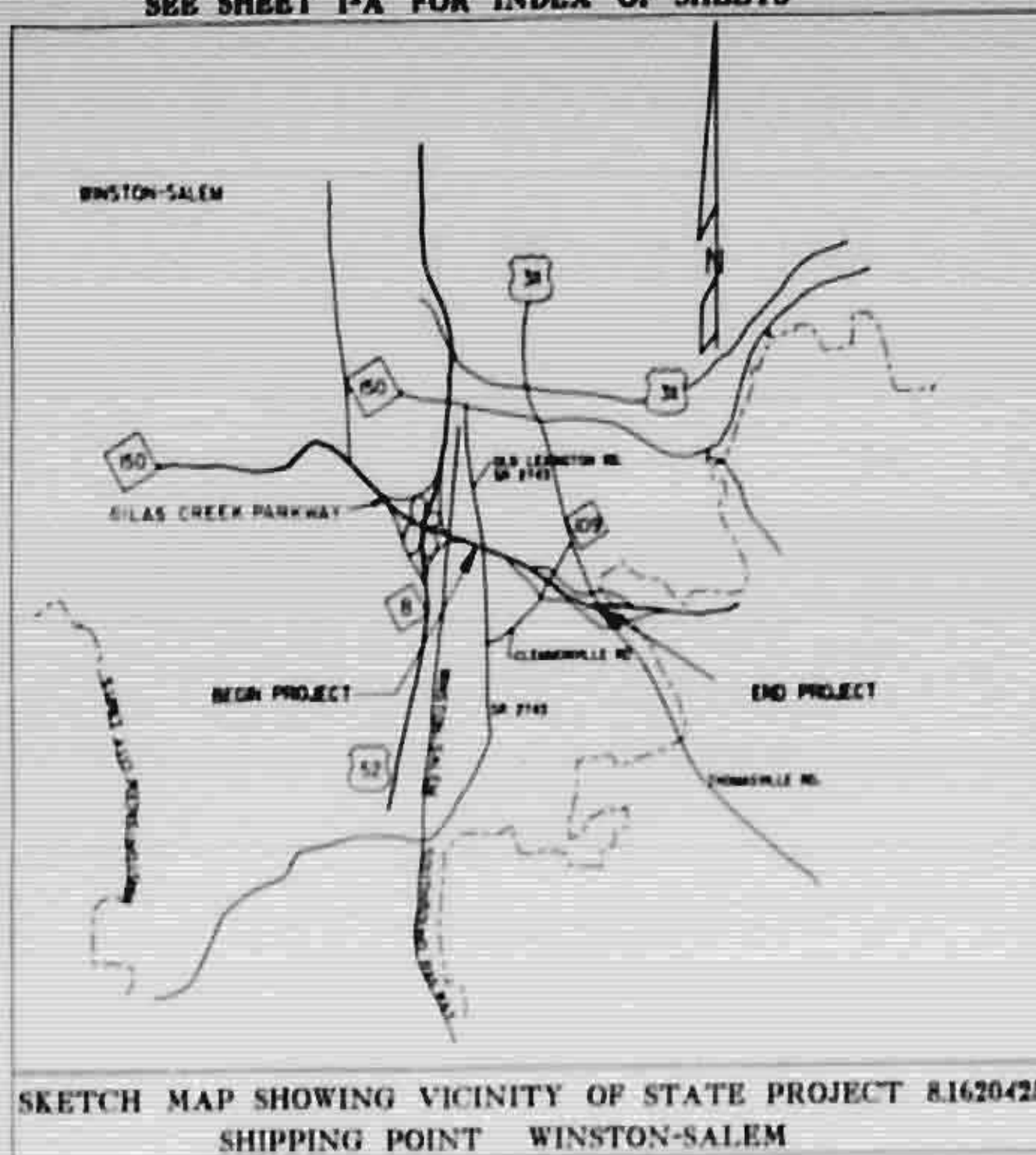
STD. NO.	TITLE
100.01	METHODS FOR OBTAINING SUPERELEVATION - 2-LANE PAVEMENTS
150.01B	TEMPORARY TRAFFIC CONTROL DEVICES
150.02	NOTES AND CONSTRUCTION SIGNS FOR ROADWAY STANDARD DRAWINGS 150.04A THRU 150.16
150.04A	APPLICATION OF APPROACH WARNING SIGNS
150.05A	TRAFFIC CONTROL TEMPORARY LANE CLOSURES
150.06A	TRAFFIC CONTROL TWO-WAY TWO LANE ROAD CLOSURES
150.12A	STOPPING SIGHT DISTANCE AND TAPER LENGTH CHARTS
200.02A	METHODS OF CLEARING - METHOD II
300.01B	METHOD OF PIPE INSTALLATION - METHOD "A"
840.00	CONC. BASE PAD FOR DRAINAGE STRUCTURES
840.01D	BRICK CATCH BASIN - 12" THRU 54" PIPE
840.02A	CONC. CATCH BASIN - 12" THRU 54" PIPE
840.03C	FRAME, GRATES, AND HOOD - STD. CATCH BASIN
840.72B	CONC. COLLAR
846.01B	CONC. CURB AND CURB & GUTTER
848.01A	CONCRETE SIDEWALK
848.02C	DRIVEWAY TURNOUT - RADIUS TYPE
848.04	STREET TURNOUT
862.01F	OFFSET GUARDRAIL DESIGN AND PLACEMENT
866.01D	CHAIN LINK FENCE
892.01	TEMPORARY SILT FENCE
895.10	TEMPORARY STONE DITCH CHECK
920.01	STANDARD PAVEMENT MARKINGS

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
81620425	1A	2
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION

THESE PLANS WERE DESIGNED BY
NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WINSTON-SALEM, N.C.

PROJECT: 8.1620425 I-900AH

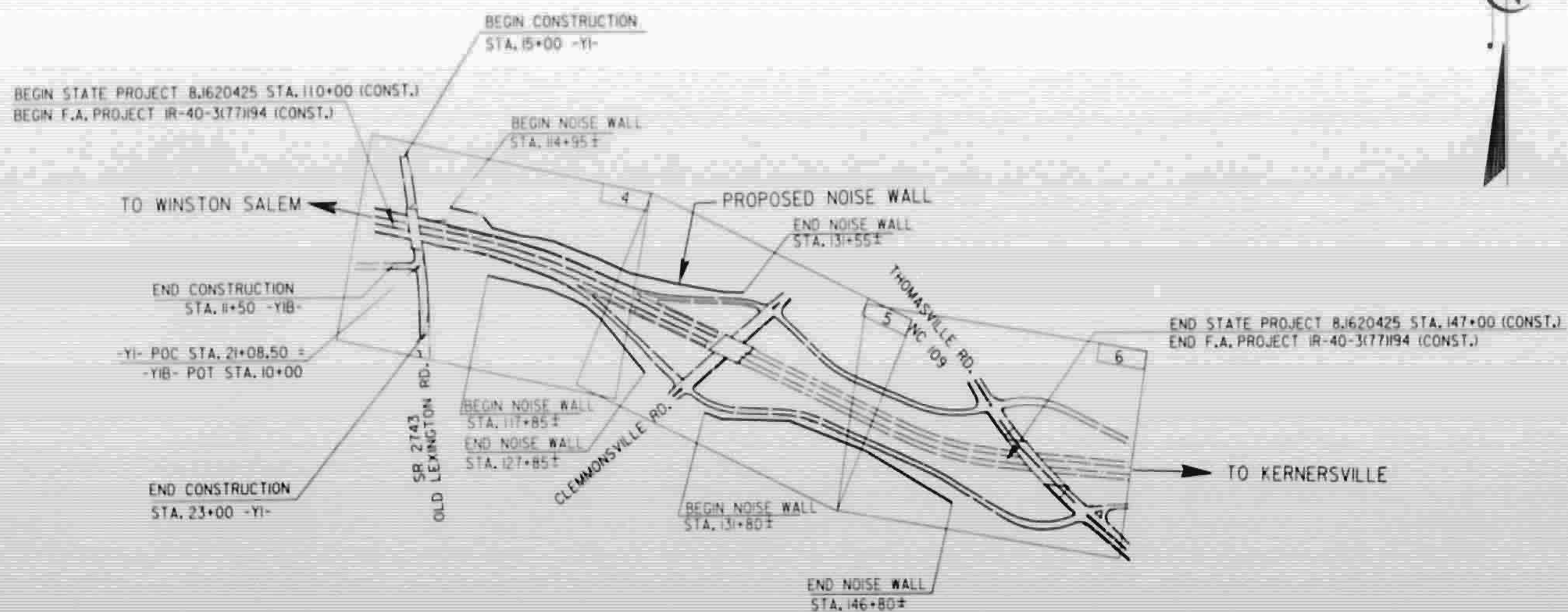
SEE SHEET I-A FOR INDEX OF SHEETS



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

DESCRIPTION: I-40 FROM SR 2743 (OLD LEXINGTON ROAD) TO
NC 109 (THOMASVILLE ROAD)

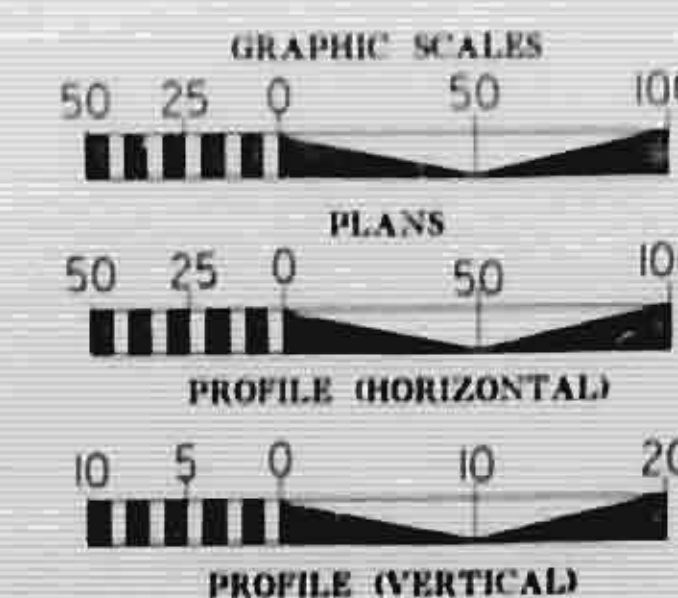
TYPE OF WORK: CONSTRUCT NOISE WALLS ON SILAS CREEK
PARKWAY, JACK EXISTING STRUCTURE AND CONSTRUCT
APPROACHES ON OLD LEXINGTON RD., DRAINAGE,
PAVING AND GUARDRAIL



STATE	STATE PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
N.C.	8.1620425	1	49
STATE PROJECT NO.	F.A. PROJECT NO.	DESCRIPTION	
8.1620409	I-40-3(58)194	P.E.	
8.1620425	IR-40-3(77)194	CONST.	

CONVENTIONAL SYMBOLS

County Line	-----
City or Town Line	-----
Exist. Right of Way Line Marker	-----
Prop. Right of Way Line Marker	-----
(By Others)	-----
Prop. Right of Way Line Marker	-----
(By Contract)	-----
Exist. Control of Access Line	-----
Prop. Control of Access Line	-----
Property Line	-----
Easement Line	-----
Slope Stake Line	-----
Exist. Fence	-----
Prop. Woven Wire Fence	-----
Prop. Chain Link Fence	-----
Exist. Road	-----
Prop. Road	-----
Guardrail	-----
Survey Line	-----
Denotes Line Equality	-----
Bridge	-----
Culvert	-----
Railroad	-----
Woods	-----
Exist. Telephone Pole	-----
Prop. Telephone Pole	-----
Tower Pole and Line	-----
Exist. Power Pole	-----
Prop. Power Pole	-----
Sanitary Sewer Line	-----
Water Line	-----
Gas Line	-----
Prop. Wheelchair Ramp	-----
Prop. Noise Wall	-----



DESIGN DATA

ADT 1988-30800
ADT 2014-72900
DHV 10 %
D 60 %
T 16 %
V 70 MPH

PREPARED BY: DIVISION OF
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, NC

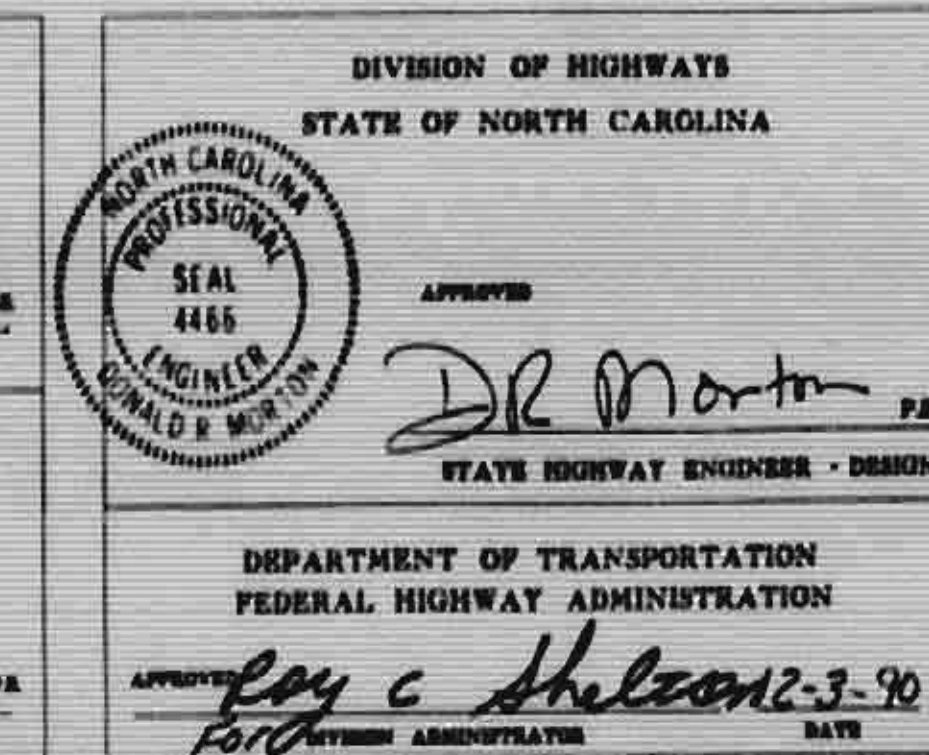
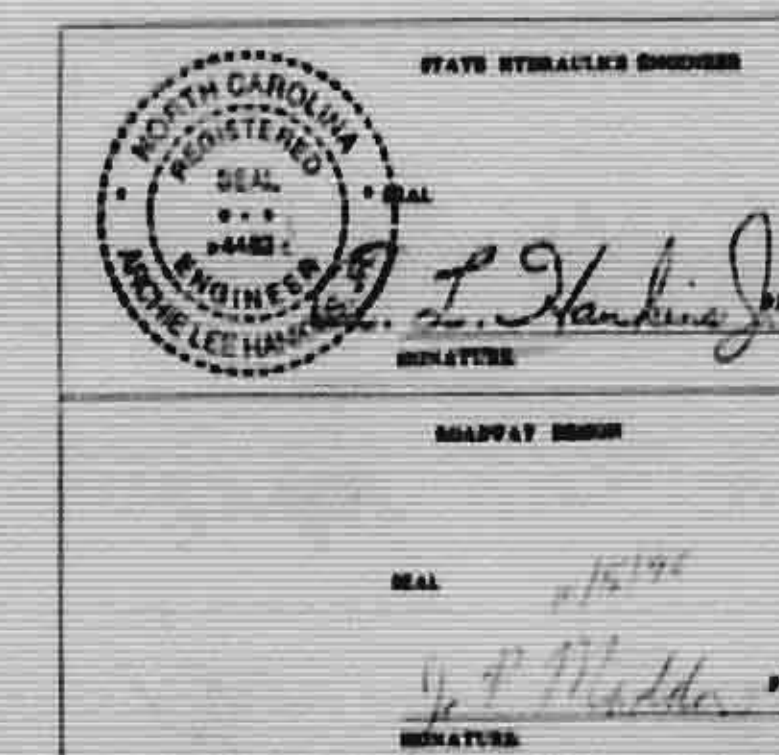
PLANS PREPARED BY: ROADWAY DESIGN UNIT
J.P. MADDOX, P.E. PROJECT ENGINEER
S.R. FLOWERS, PROJECT DESIGN ENGINEER

LETTING DATE: JAN. 15, 1991

1990 STANDARD SPECIFICATIONS

LENGTH ROADWAY PROJECT F.A. PROJECT IR-40-3(77)194 = 0.701 MILES
TOTAL LENGTH STATE PROJECT 8.1620425 = 0.701 MILES

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



03-DC1-1990 10,40
262,1272143110900AH.TSH.2
AWEST

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1620425	23	
STATE PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION

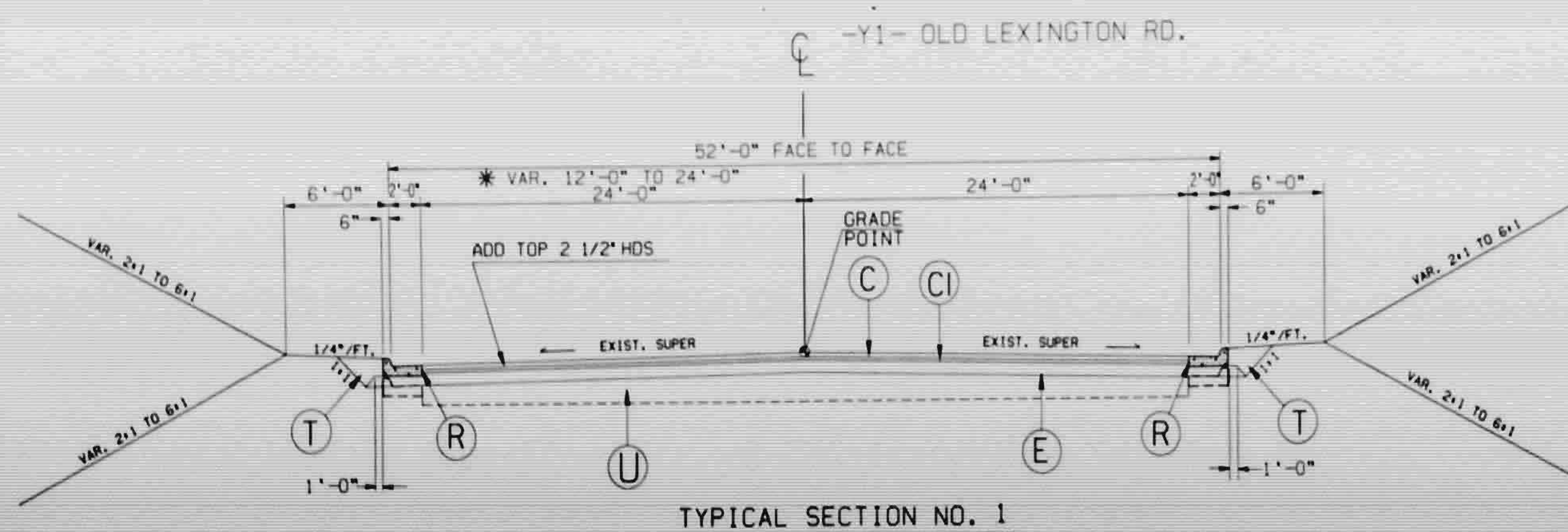
C	PROP. APPROX 2 1/2" BIT. CONC. SURFACE COURSE, TYPE HDS, AT AN AVERAGE RATE OF 140 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
CI	PROP. VAR. DEPTH BIT. CONC. SURFACE COURSE, TYPE HDS, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 1 1/4" OR GREATER THAN 3" DEPTH.
E	PROP. VAR. DEPTH BIT. CONC. BASE COURSE, TYPE HB, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT GREATER THAN 5 1/2" IN DEPTH OR LESS THAN 3" IN DEPTH.
R	2'-6" CONCRETE CURB AND GUTTER
T	EARTH MATERIAL
U	EXISTING PAVEMENT

* NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



WEDGING DETAIL FOR RESURFACING

USE IN CONJUNCTION WITH TYPICAL SECTION NO. 1 AND NO. 2



TYPICAL SECTION NO. 1

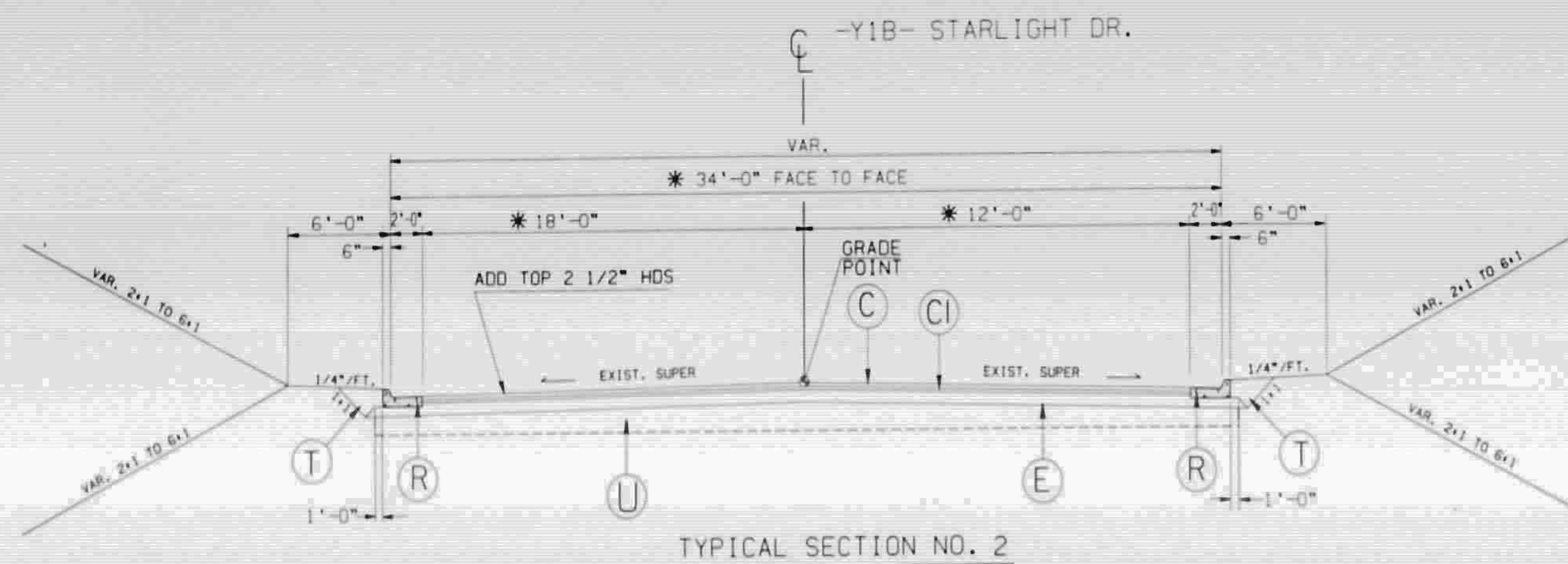
USE TYPICAL SECTION NO. 1

* STA. 15+20 ± -Y1- TO STA. 16+20 ± -Y1-
STA. 16+20 ± -Y1- TO STA. 17+96.26 -Y1- (BRIDGE)
STA. 20+12.23 -Y1- (BRIDGE) TO STA. 22+50 -Y1-
SEE WEDGING DETAIL
TRANSITION FROM TYPICAL SECTION NO. 1
TO TYPICAL SECTION NO. 3

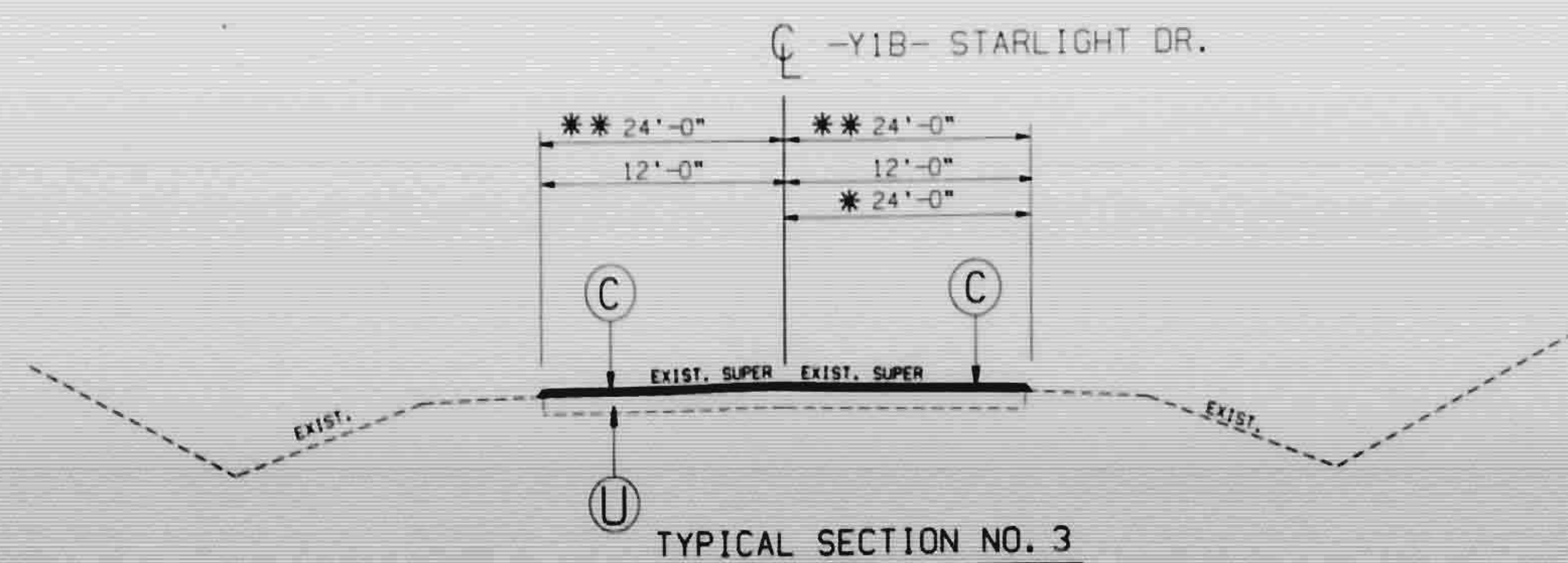
NOTE: SUPERELEVATION MAY BE ADJUSTED
AS DIRECTED BY THE ENGINEER



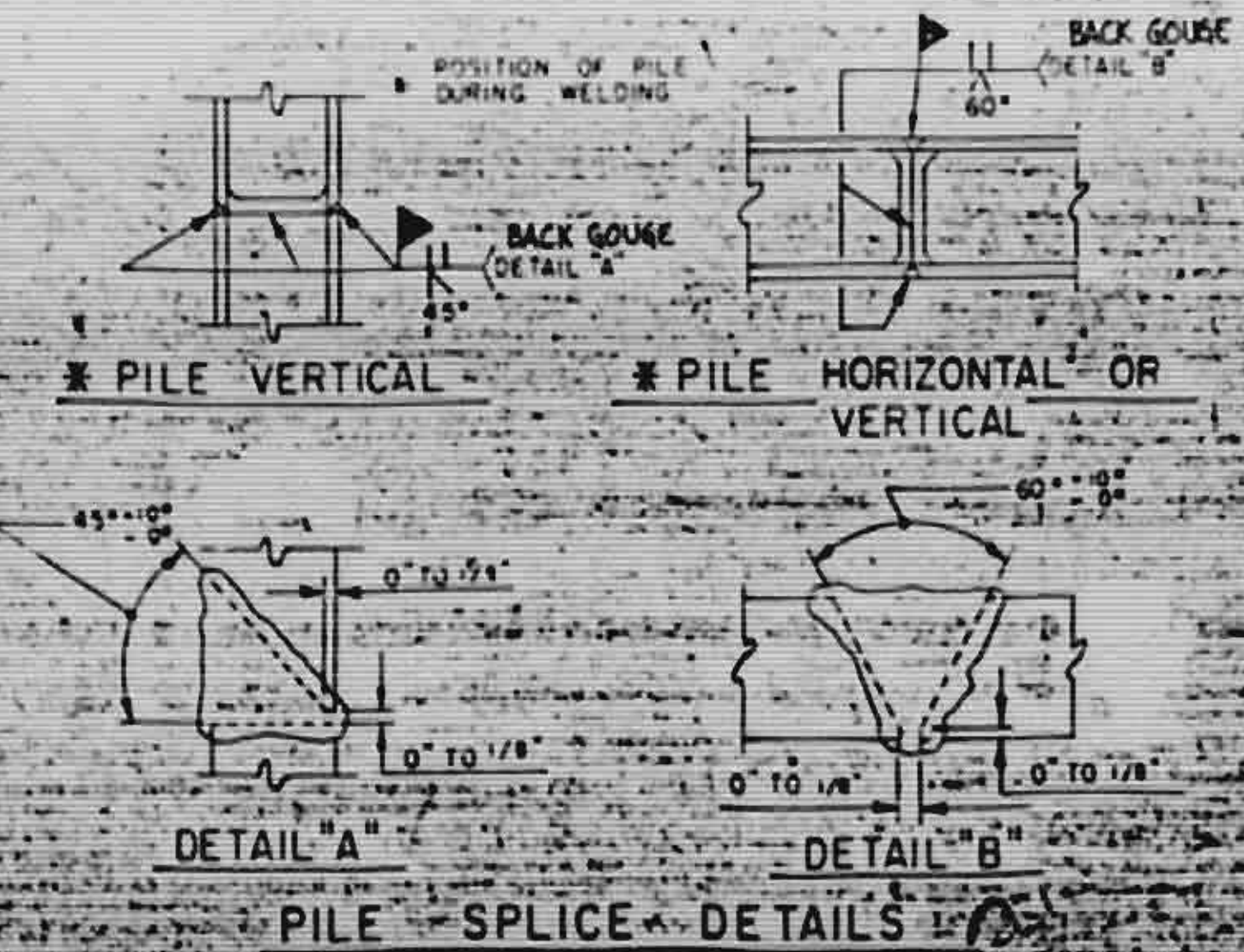
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1620425	24	4
STATE PROJECT NO.	F.A. PROJ. NO.	DESCRIPTION



USE TYPICAL SECTION NO. 2
 STA. 10+24.30 TO STA. 10+60 ±
 * STA. 10+60 ± TO STA. 11+00 ±
 SEE WEDGING DETAIL
 TRANSITION FROM TYPICAL SECTION NO. 2
 TO TYPICAL SECTION NO. 3



USE TYPICAL SECTION NO. 3
 STA. 11+00 ± -Y1B- TO STA. 11+50 ± -Y1B-
 * STA. 15+00 -Y1- TO STA. 15+20 -Y1-
 ** STA. 22+50 -Y1- TO STA. 23+00 -Y1-



GENERAL NOTES:

1. NOISE well shall be constructed to the line and grade as called for on the plans. See special provisions.

2. Panels may be transported vertically or horizontally. If transported horizontally, each panel must be supported at its 1/4 pts. at all times. Once vertical, the panels require no additional support.

3. If temporary lifting hoists are used, they shall be placed at 1/4 pts. vertically. Lifting hoists shall be removed and top panel repaired with epoxy grout after installation.

4. Both faces of noise well panels and form face of retaining wall panels shall have exposed aggregate. See Spec. Provs.

5. The form face of all panels shall be turned out to the service road.

6. Structural steel wall tie is composed of angles and bolts.

7. Piles shall be ASTM A36 grade and painted. See Special Provisions.

8. #57 Stone cushioning to be compacted as directed by the engineer.

9. Resident Engineer to verify location of cross-piles before driving piles to insure sufficient clearance is available.

10. Depth of shaft to extend to pile tip elevation.

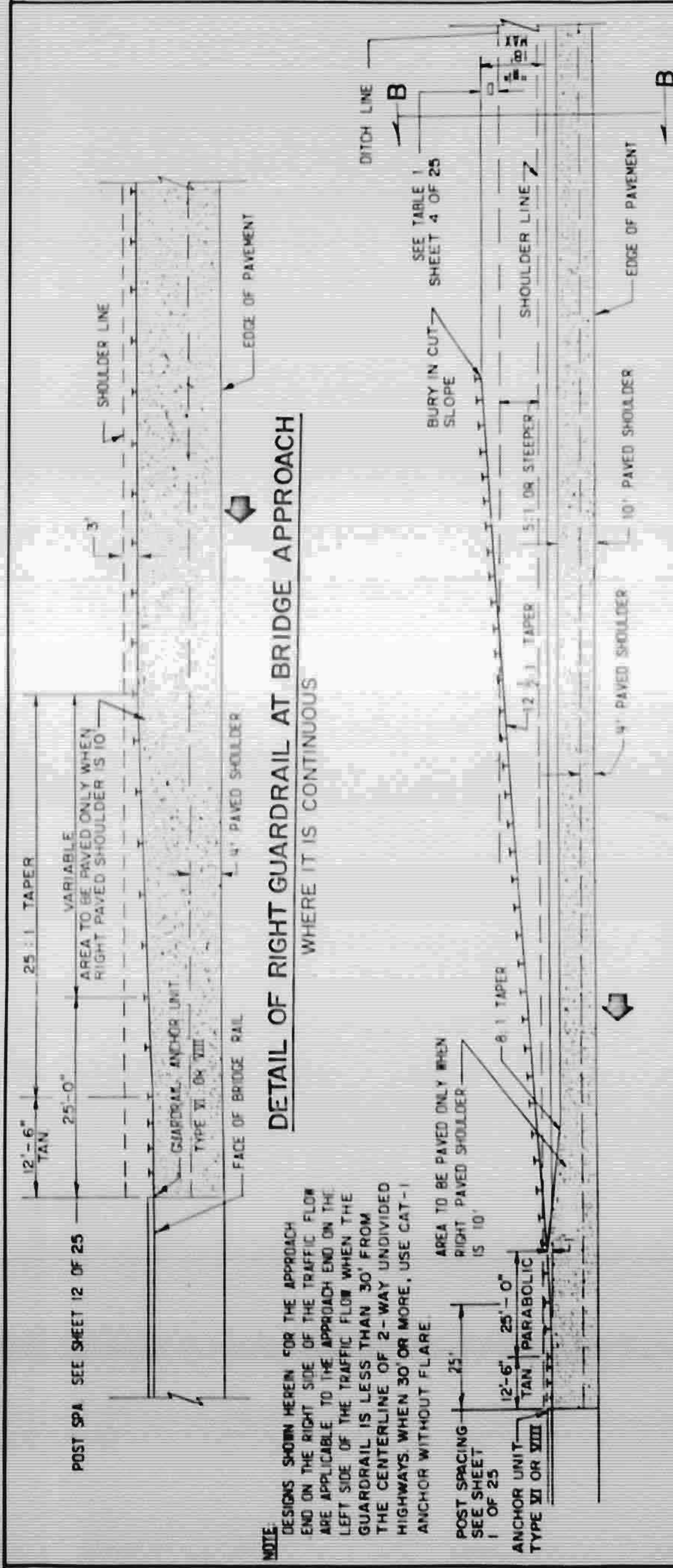
11. See Special Provisions.

12. Engineer is to field verify existing profile along noise wall and provide elevations to Contractor to determine panel sizes and quantities.

13. Payment of the reinforced noise wall will be paid at the contract unit price per square foot of wall. The price per square foot of wall will include the lower tier of noise wall.

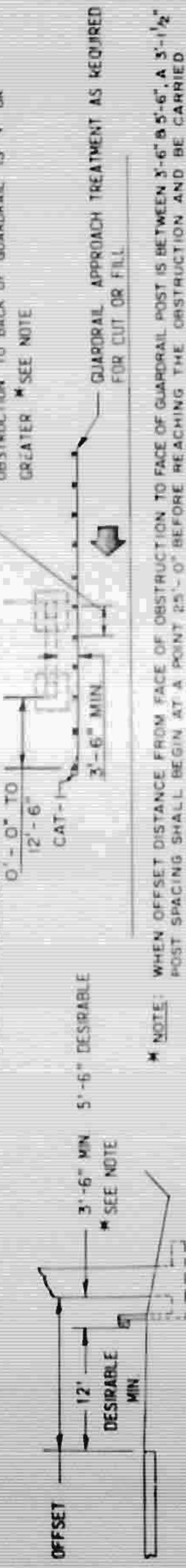
14. Quantities are estimated and are approximate and are for bid purposes only.

SUMMARY OF NOISE WALL MATERIAL	
LEFT OF I-40	
STA. 114+95± TO STA. 131+55±	
PAY ITEM	
Reinforced Precast Noise Wall	SF 26,350
BILL OF MATERIAL	
Reinforcing Steel	Lbs. 56,593
Class "AA" Concrete	CY. 3470
Shaft Concrete, Cl. "A"	CY. 175.3
# 57 Stone Cushioning	CY. 410
HP 8 x 36 Steel Piles No. 147	Ea.
	L.F. 4275
Structural Steel	Lbs. 18,773
Shaft Excavation	CY. 215
RIGHT OF I-40	
STA. 117+85± TO STA. 127+85±	
PAY ITEM	
Reinforced Precast Noise Wall	SF 20,370
BILL OF MATERIAL	
Reinforcing Steel	Lbs. 28,239
Class "AA" Concrete	CY. 2429
Shaft Concrete, Cl. "A"	CY. 106.1
# 57 Stone Cushioning	CY. 24.7
HP 8 x 36 Steel Piles No. 101	Ea.
	L.F. 3041
Structural Steel	Lbs. 9194
Shaft Excavation	CY. 135
RIGHT OF I-40	
STA. 131+80± TO STA. 146+80±	
PAY ITEM	
Reinforced Precast Noise Wall	SF 28,710
BILL OF MATERIAL	
Reinforcing Steel	Lbs. 39,554
Class "AA" Concrete	CY. 340.0
Shaft Concrete, Cl. "A"	CY. 158.6
# 57 Stone Cushioning	CY. 37.0
HP 8 x 36 Steel Piles No. 151	Ea.
	L.F. 4347
Structural Steel	Lbs. 11,621
Shaft Excavation	CY. 195
Reinforced Precast Noise Wall	
	SF 75440
Reinforcing Steel	
	Lbs. 104,395
Class "AA" Conc.	CY. 997.6
Shaft Concrete, Cl. "A"	CY. 440.0
# 57 Stone Cushioning	CY. 102.7
HP 8 x 36 Steel Piles No. 419	Ea.
	L.F. 11163
Structural Steel	Lbs. 35571
Shaft Excavation	CY. 545



DETAIL OF BEGINNING OF RIGHT GUARDRAIL AT A BRIDGE APPROACH

WHERE IT IS NOT CONTINUOUS IN A CUT
(SEE SHEET 4 OF 25 WHERE DITCH FRONT SLOPE
IS 6:1 OR FLATTER)



★ NOTE: WHEN OFFSET DISTANCE FROM FACE OF OBSTRUCTION TO FACE OF GUARDRAIL POST IS BETWEEN 3'-6" 3'-9.5'-6" A 3'-1/2" POST SPACING SHALL BEGIN AT A POINT 25'-0" BEFORE REACHING THE OBSTRUCTION AND BE CARRIED THROUGHOUT ITS LENGTH. IF DISTANCE FROM FACE OF GUARDRAIL TO OBSTACLE IS LESS THAN 3'-6" USE CONCRETE BARRIER IN LIEU OF GUARDRAIL.

DETAIL OF RIGHT SIDE GUARDRAIL AT UNDERPASS

NOTE: SEE SHEET 2 OF 25 FOR LENGTH OF PARABOLIC & INTERMEDIATE OFFSETS
THE DESIGN LAYOUT FOR LENGTHS SHOWN ON THIS GUARDRAIL STANDARDS
LENGTHS

REVIEWS	
NO.	DATE DESCRIPTION
B	11-10-77 Revised and Reprints
C	10-10-78 Completed, Printed
F	12-19-89 Offer Revision for General Post and Footings

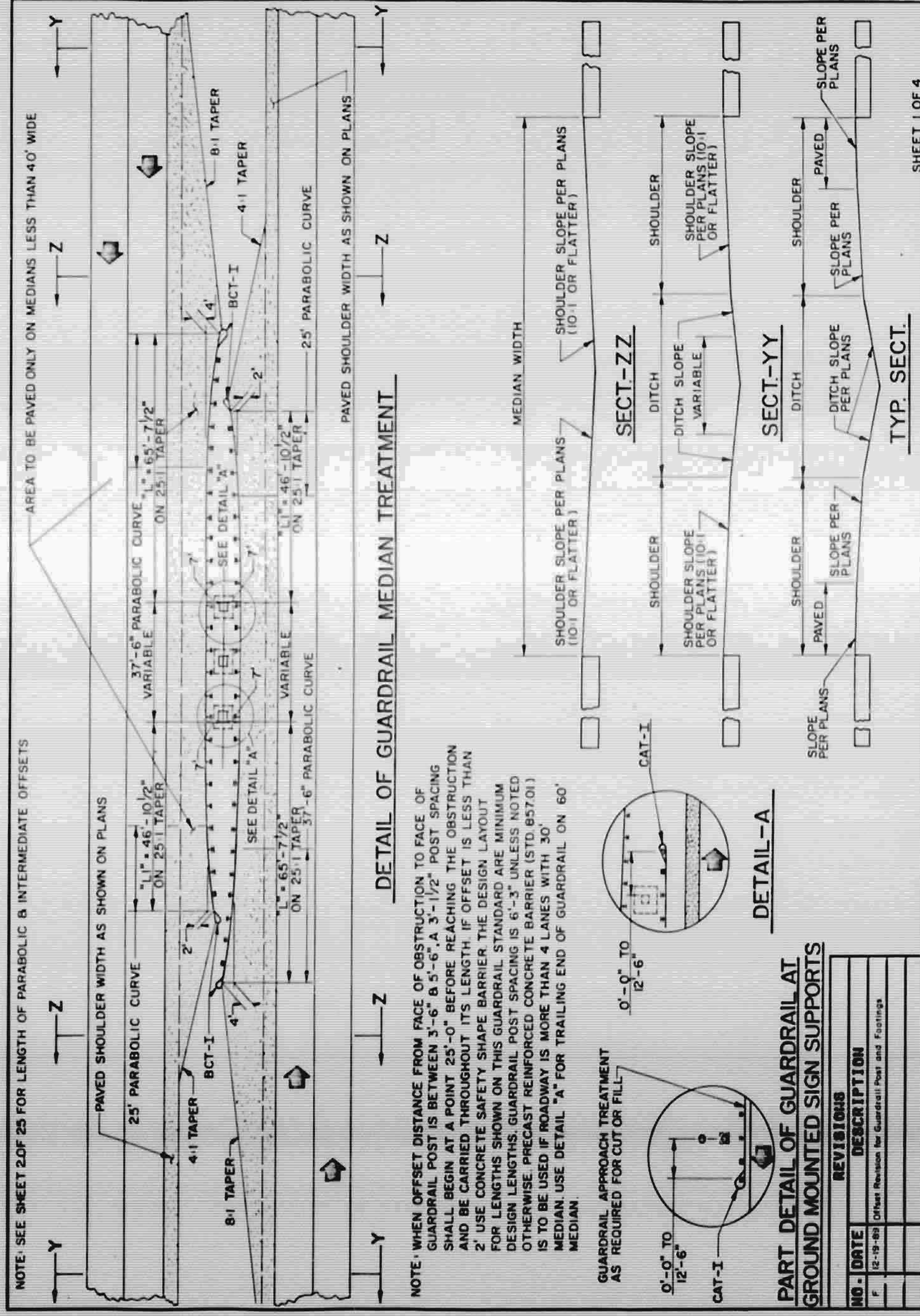
DETAIL OF OFFSET GUARDRAIL DESIGN AND PLACEMENT

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
RALEIGH, N. C.

STD. NO. REV.

THESE ARE REVISED 862.01F GUARDRAIL SHEETS TO BE USED IN LIEU OF GUARDRAIL STANDARDS. ALL OTHER 861.01F STANDARD GUARDRAIL SHEETS ARE TO BE USED AS USUAL FOR GUARDRAIL APPLICATION. THESE GUARDRAIL DETAILS ARE TO BE USED IN CONJUNCTION WITH THE STANDARD OFFSET GUARDRAIL DESIGN AND PLACEMENT.

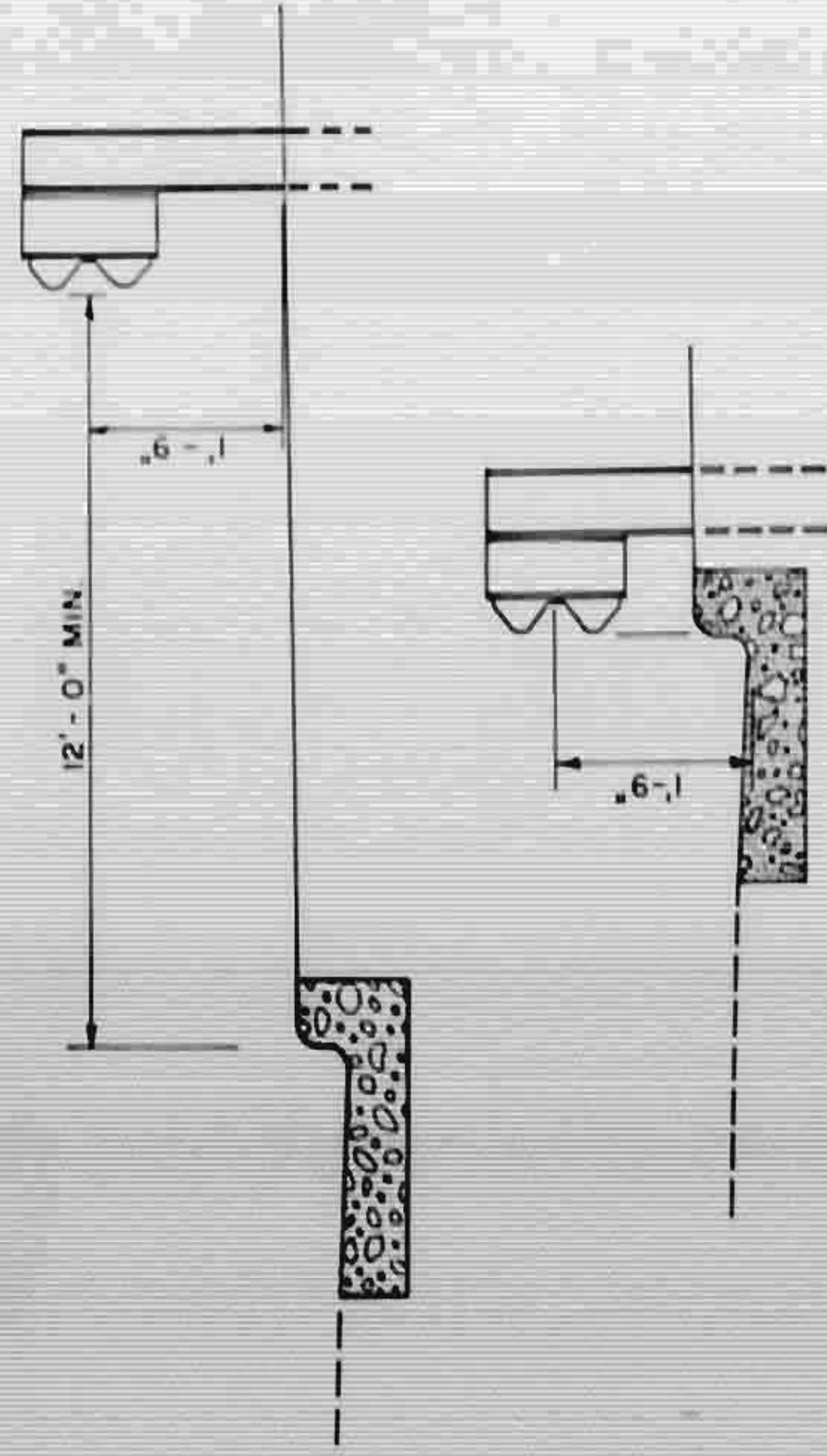
PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1620425	200	
STATE PROJ. NO.	F A PROJ. NO.	DESCRIPTION



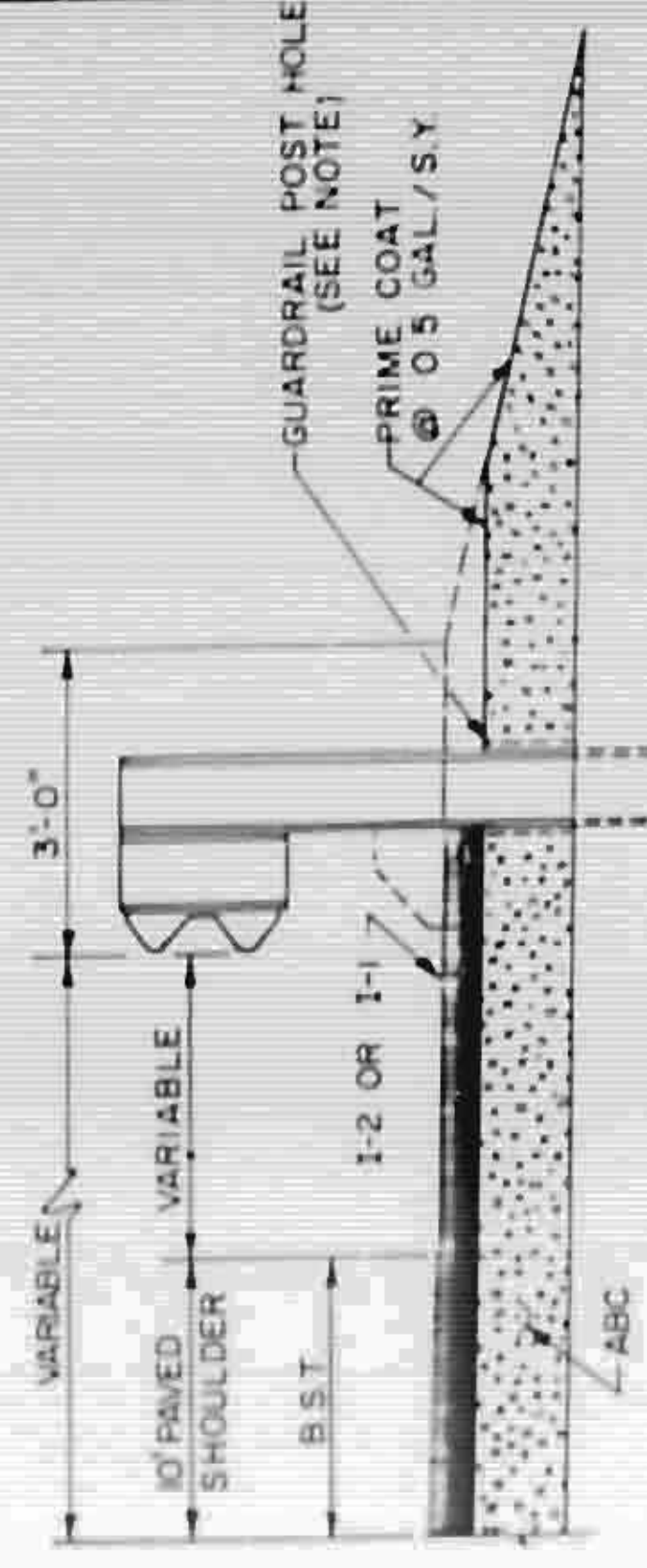
DETAIL OF OFFSET GUARDRAIL DESIGN AND PLACEMENT

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
RALEIGH, N. C.

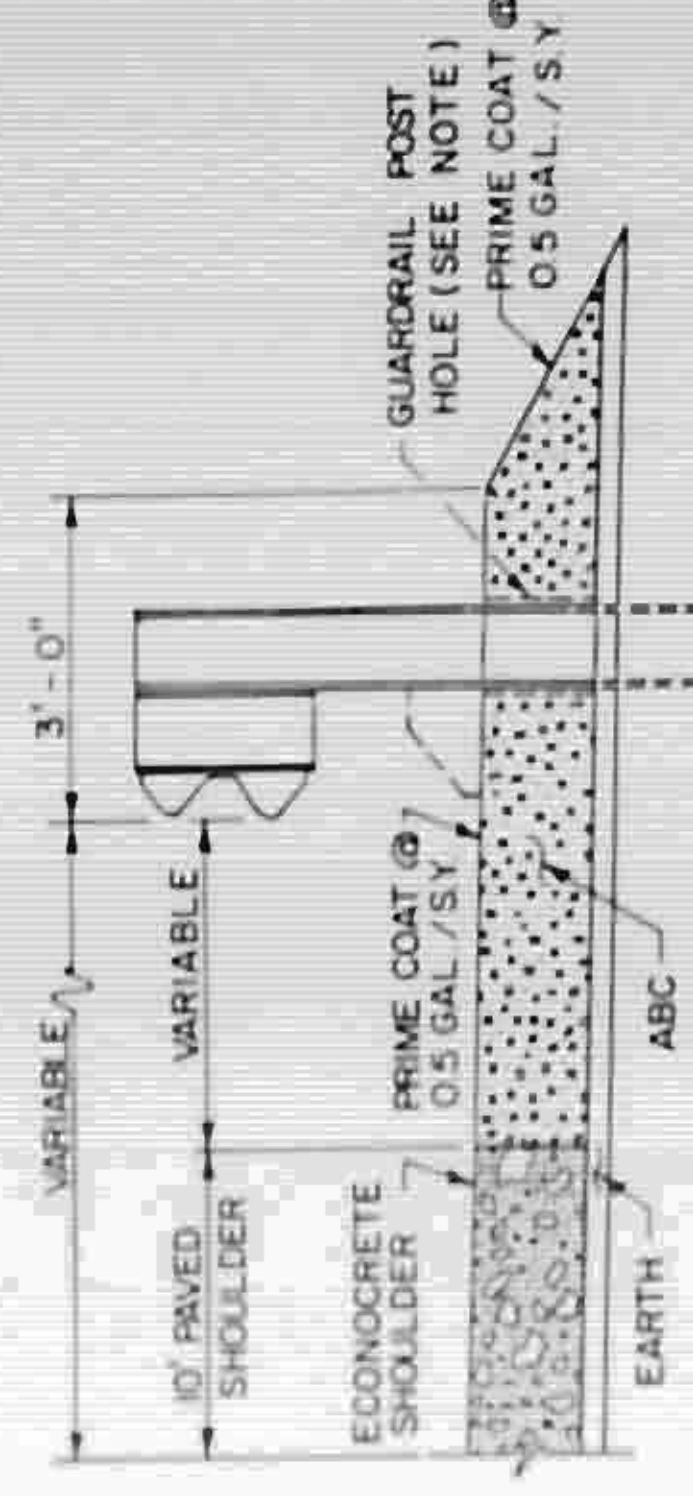
STD. NO.	REV.
----------	------



DETAIL OF PROPOSED GUARD RAIL ADJACENT TO CURB, AND CURB & GUTTER



FLEXIBLE PAVED SHOULDER



ECONOCRETE PAVED SHOULDER

NOTE: WHEN WOODEN GUARDRAIL POSTS ARE USED, HOLES SHALL BE DRILLED THROUGH PAVEMENT AND BASE COURSE. THE POSTS SHALL BE OF SUFFICIENT SIZE TO ACCOMMODATE THE PARTICULAR POST BEING USED. HOLES SHALL BE BACKFILLED AND TAMPED USING THE EXCAVATED MATERIAL.

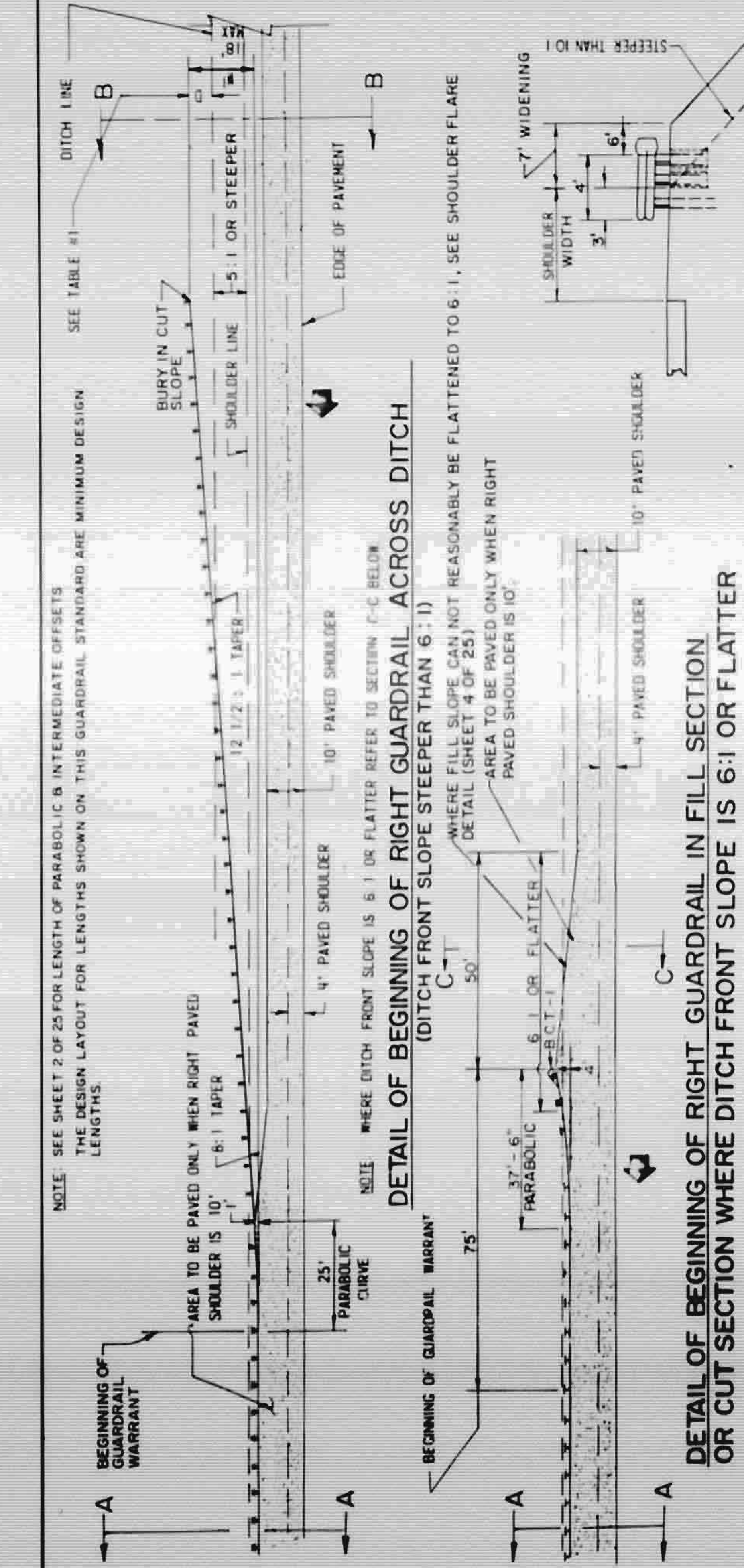
REVISIONS	
NO.	DATE
1	12-19-89
2	12-19-89
3	12-19-89
4	12-19-89

DETAIL OF OFFSET GUARDRAIL DESIGN AND PLACEMENT

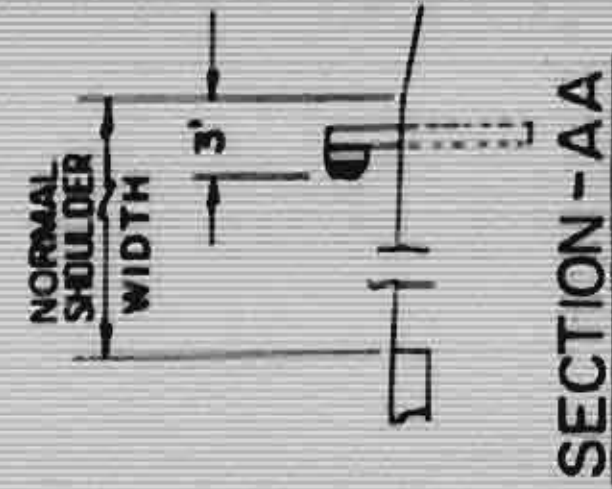
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
RALEIGH, N. C.

SHEET 4 OF 4

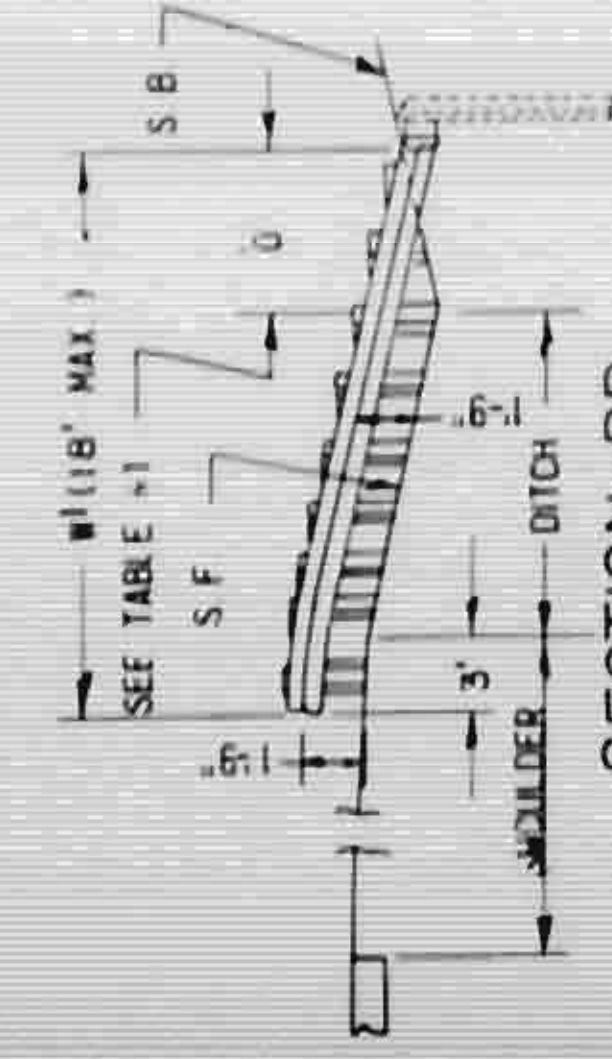
STD. NO. REV.



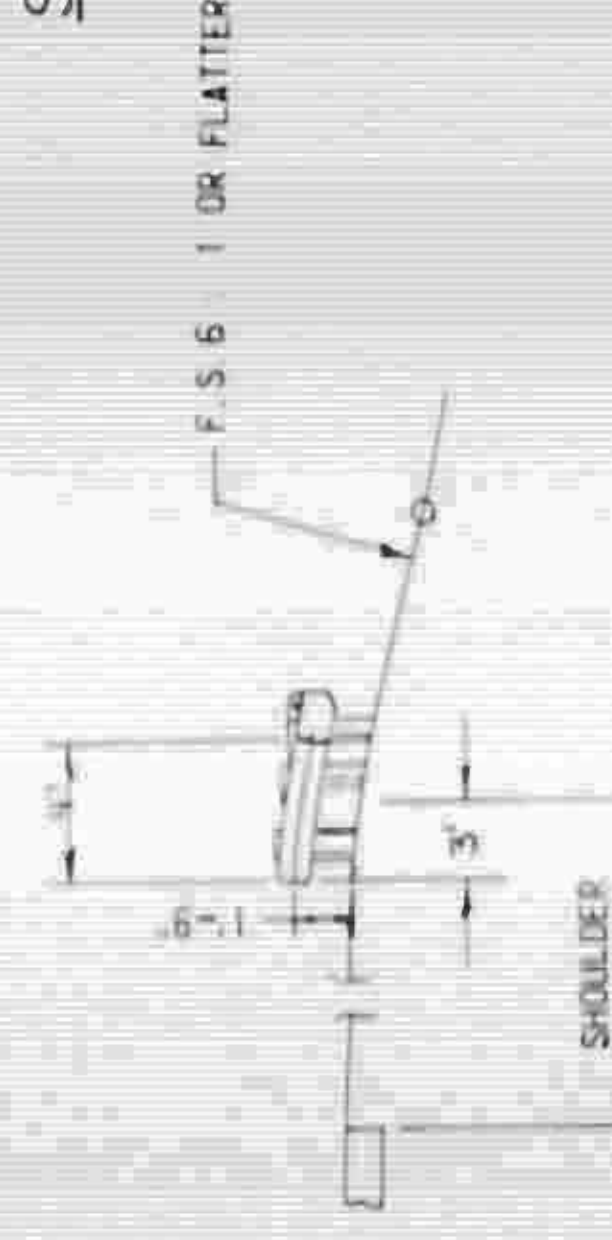
DETAIL OF BEGINNING OF RIGHT GUARDRAIL IN FILL SECTION OR CUT SECTION WHERE DITCH FRONT SLOPE IS 6:1 OR FLATTER



SECTION-AA



SECTION-BB



SECTION-CC

TABLE NO. 1

VALUES FOR D IN FEET	
S _F	S _B
1	1
2	2
3	3
4	4
5	5

SHEET 3 OF 4

DETAIL OF OFFSET GUARDRAIL DESIGN AND PLACEMENT

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
RALEIGH, N. C.

STD. NO. REV.

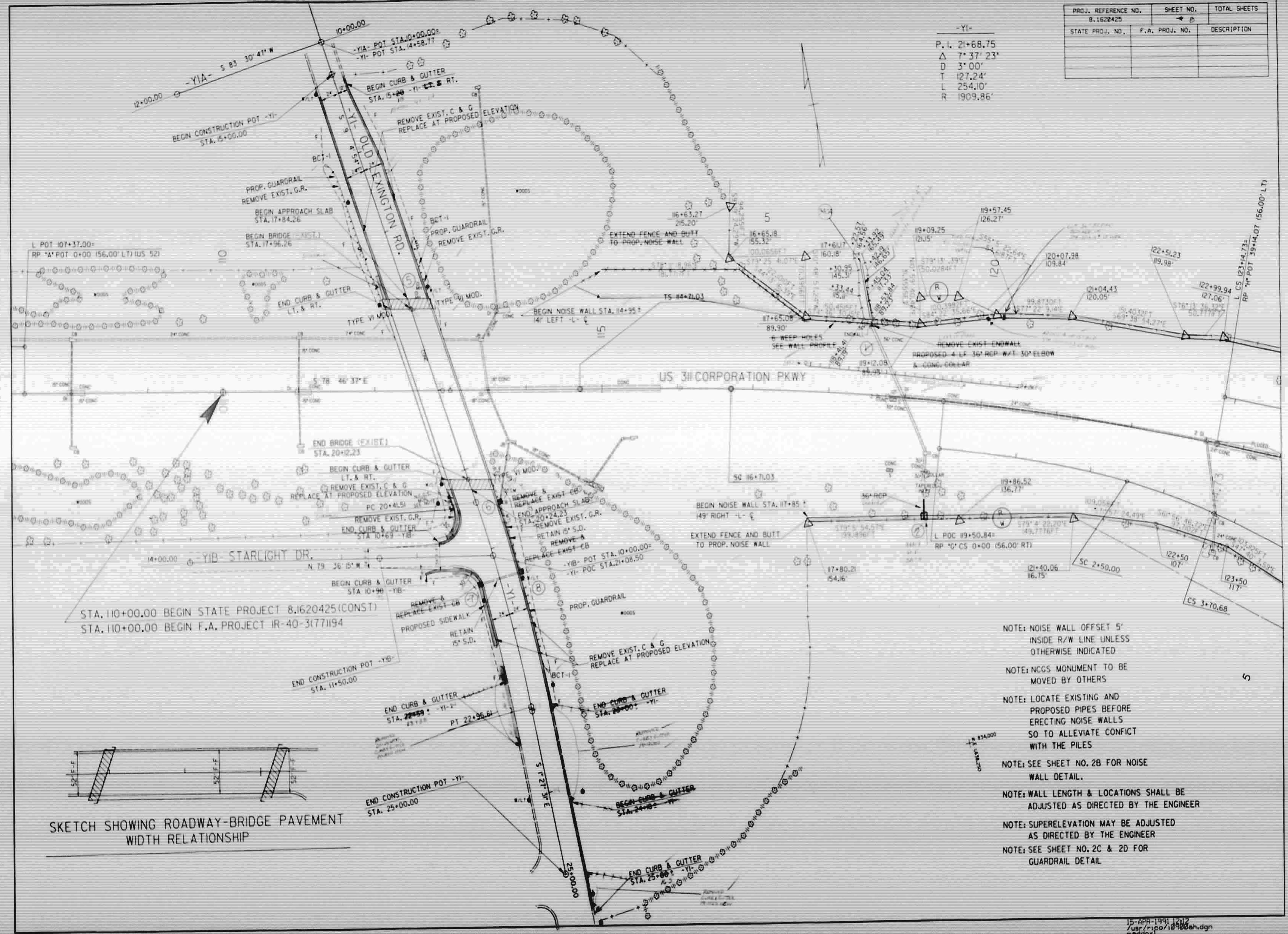
THESE ARE REVISED 862.01P GUARDRAIL SHEETS TO BE USED IN LIEU OF GUARDRAIL STANDARDS. ALL OTHER 861.01P STANDARD GUARDRAIL SHEETS ARE TO BE USED. THESE ARE TO BE USED IN APPLICATIONS WHERE GUARDRAILS ARE USED IN GUARDRAIL DESIGN AND PLACEMENT. THE GUARDRAIL STANDARDS ARE TO BE USED IN APPLICATIONS WHERE GUARDRAILS ARE NOT USED IN GUARDRAIL DESIGN AND PLACEMENT.

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
81620425	227	
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION

R/W REVISION: ADDED TEMPORARY DRAINAGE EASEMENT ON PARCEL NO. 342-A DATED 4/15/91

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1620425	10	10
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION

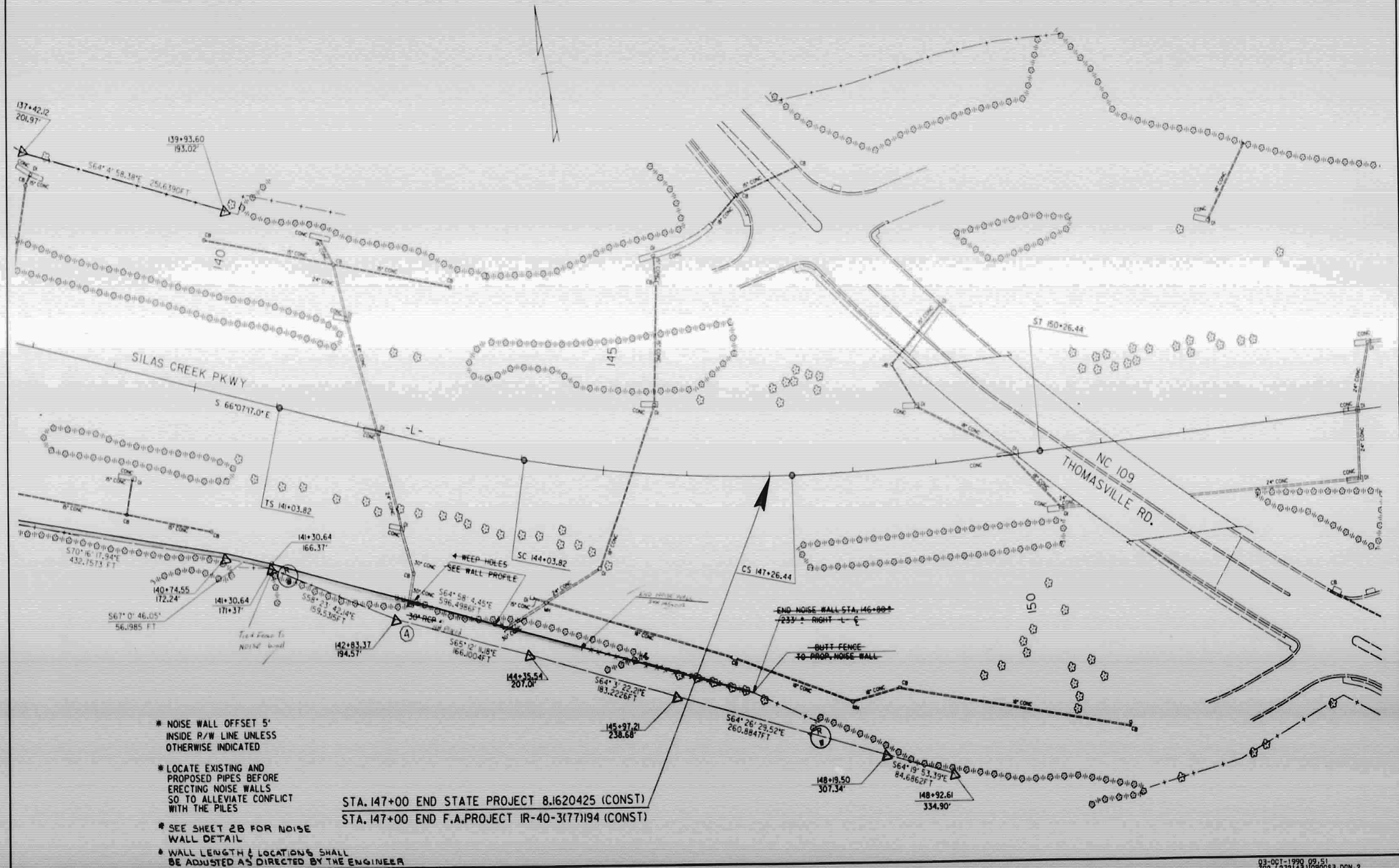
-YI-
P.I. 21+68.75
Δ 7° 37' 23"
D 3° 00'
T 127.24'
L 254.10'
R 1909.86'



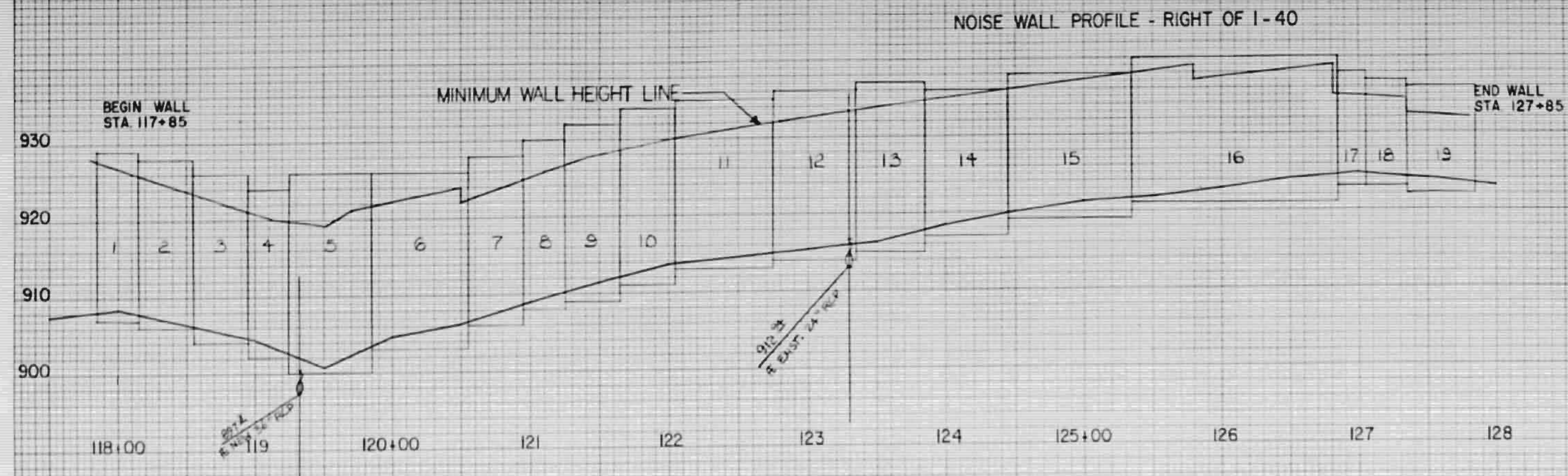
SKETCH SHOWING ROADWAY-BRIDGE PAVEMENT WIDTH RELATIONSHIP

- NOTE: NOISE WALL OFFSET 5' INSIDE R/W LINE UNLESS OTHERWISE INDICATED
- NOTE: NCGS MONUMENT TO BE MOVED BY OTHERS
- NOTE: LOCATE EXISTING AND PROPOSED PIPES BEFORE ERECTING NOISE WALLS SO TO ALLEVIATE CONFLICT WITH THE PILES
- NOTE: SEE SHEET NO. 2B FOR NOISE WALL DETAIL.
- NOTE: WALL LENGTH & LOCATIONS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER
- NOTE: SUPERELEVATION MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER
- NOTE: SEE SHEET NO. 2C & 2D FOR GUARDRAIL DETAIL

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
8.1620425	6-10	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	8.1620425	7/11	
V.A. PROJ. NO.			



PANEL DESIGNATIONS

PANEL GROUP	NUMBER PER GROUP	TOP ELEV.
1	3	929
2	4	928
3	4	926
4	3	924
5	6	926
6	7	926
7	4	928
8	3	930
9	4	932
10	4	934
11	7	935
12	6	936
13	5	937
14	6	936
15	9	938
16	15	940
17	2	938
18	3	937
19	5	936
20	4	921
21	8	923
22	2	923
23	10	925
24	9	926
25	14	925
26	2	925
27	2	924
28	1	923
29	2	922
30	2	921
31	9	920

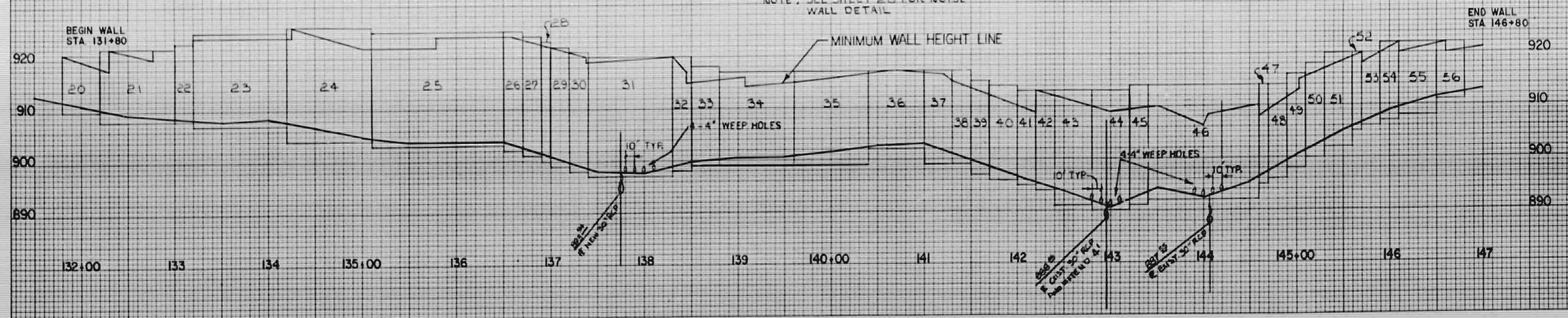
PANEL DESIGNATIONS

PANEL GROUP	NUMBER PER GROUP	TOP ELEV.
32	2	920
33	3	918
34	8	917
35	8	917
36	6	917
37	3	917
38	2	917
39	2	915
40	3	914
41	2	913
42	2	913
43	4	913
44	4	913
45	2	914
46	12	914
47	2	914
48	2	914
49	2	916
50	2	918
51	3	920
52	1	920
53	2	920
54	2	922
55	4	923
56	3	922

BM 1/2" REBAR IN N.E. W. WALL
OF BRIDGE OVER CLEMMONSVILLE RD.
59' - L- STA 133+15
ELEV = 937.97

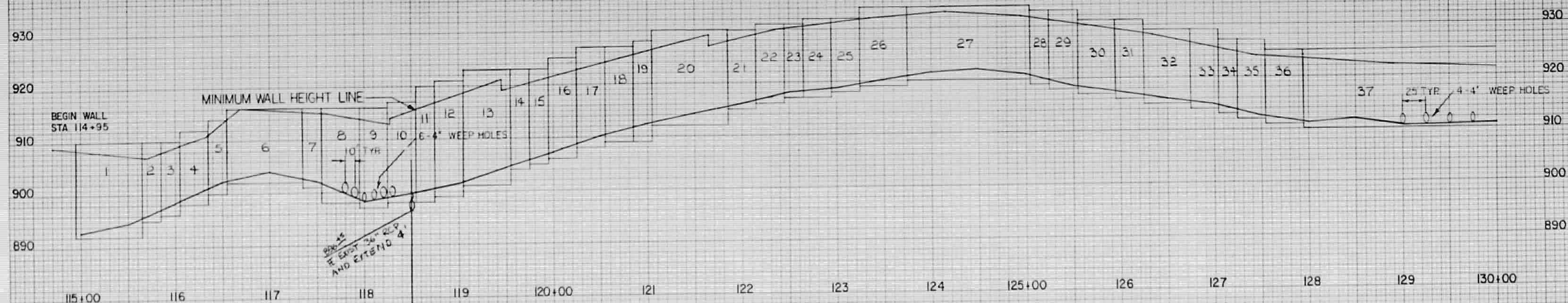
NOTE: LOCATE EXISTING AND
PROPOSED PIPES BEFORE ERECTING
NOISE WALLS SO TO ALLEVIATE
CONFLICT WITH THE PILES.

NOTE: SEE SHEET 28 FOR NOISE
WALL DETAIL



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	8.1620425	12	
F. & M. NO.			

NOISE WALL PROFILE - LEFT OF I-40

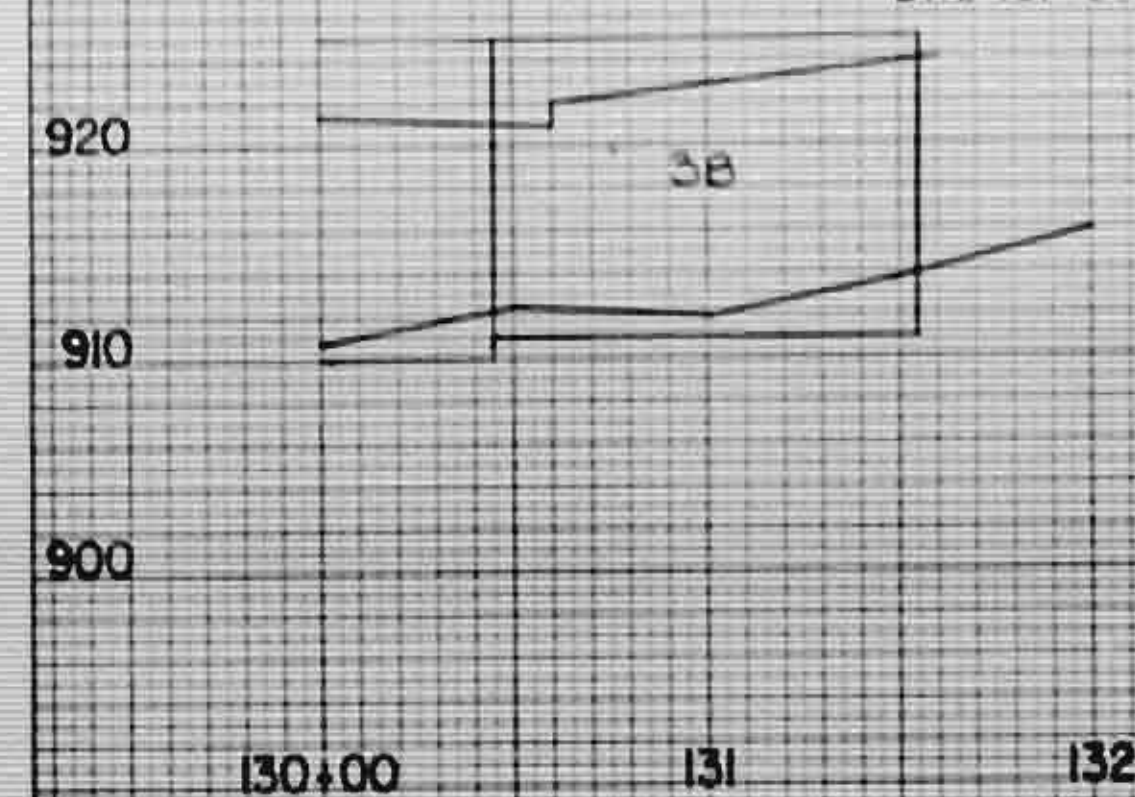


PANEL DESIGNATIONS

PANEL GROUP	NUMBER PER GROUP	TOP ELEV.
1	7	910
2	2	910
3	2	910
4	3	912
5	2	914
6	4	916
7	2	916
8	4	916
9	3	916
10	1	917
11	2	920
12	3	921
13	5	923
14	2	923
15	2	923
16	3	925
17	1	927
18	3	927
19	2	928
20	8	930
21	3	930
22	3	931
23	2	931
24	3	932
25	3	932
26	5	934
27	11	934
28	2	933
29	3	933
30	4	931
31	3	931
32	5	929
33	3	929
34	2	927
35	3	927
36	4	925
37	25	925
38	11	925

BM 1/2" REBAR IN NE. W/WALL
OF BRIDGE OVER CLEMMONSVILLE RD
59' - L- STA 133+15
ELEV = 937.97

END WALL
STA 131+55



LOCATE EXISTING AND
NOTE: PROPOSED PILES BEFORE ERECTING
NOISE WALLS SO TO ALLEVIATE
CONFLICT WITH THE PILES.

NOTE: SEE SHEET 2B FOR NOISE
WALL DETAIL

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	8.1620425	12	12
S. A. PROJ. NO.			

