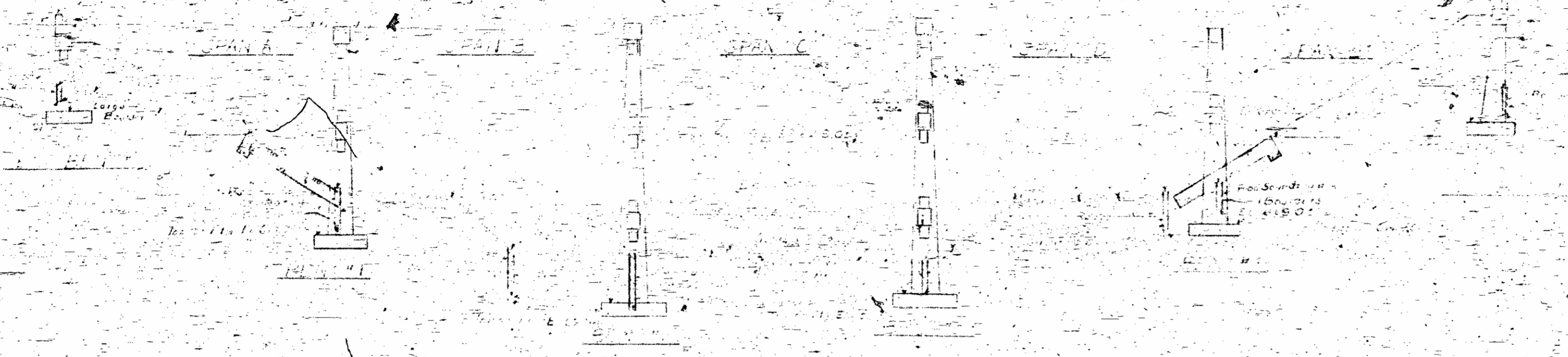
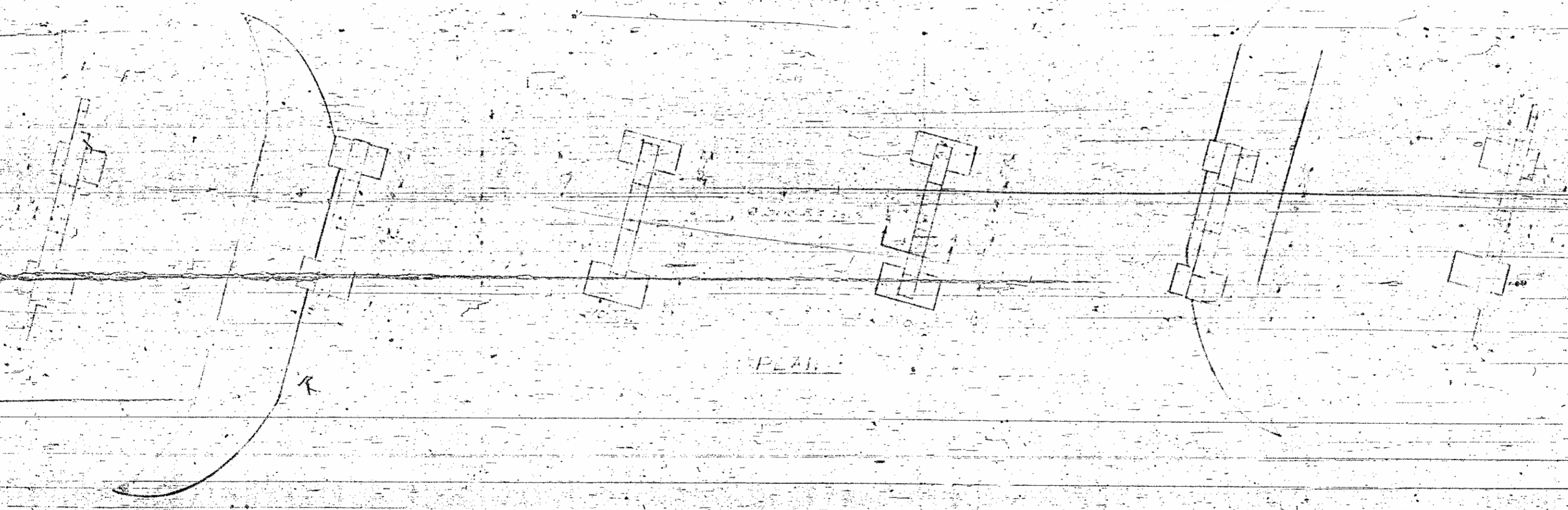


| | | | | |
|---------------------|-------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
| 3 | N. C. | | | |



ELEVATION AND CROSS SECTION



PLAN

9-250

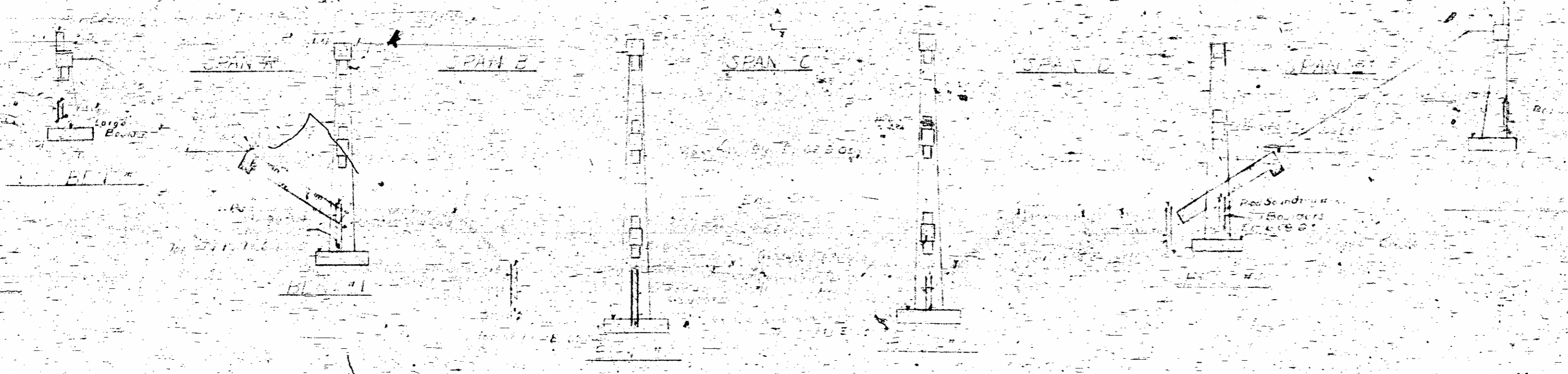
Reel # 538
Pos # 8
Station # 100+30

PROJECT NO. _____
COUNTY _____
STATION: _____
Cleveland #25

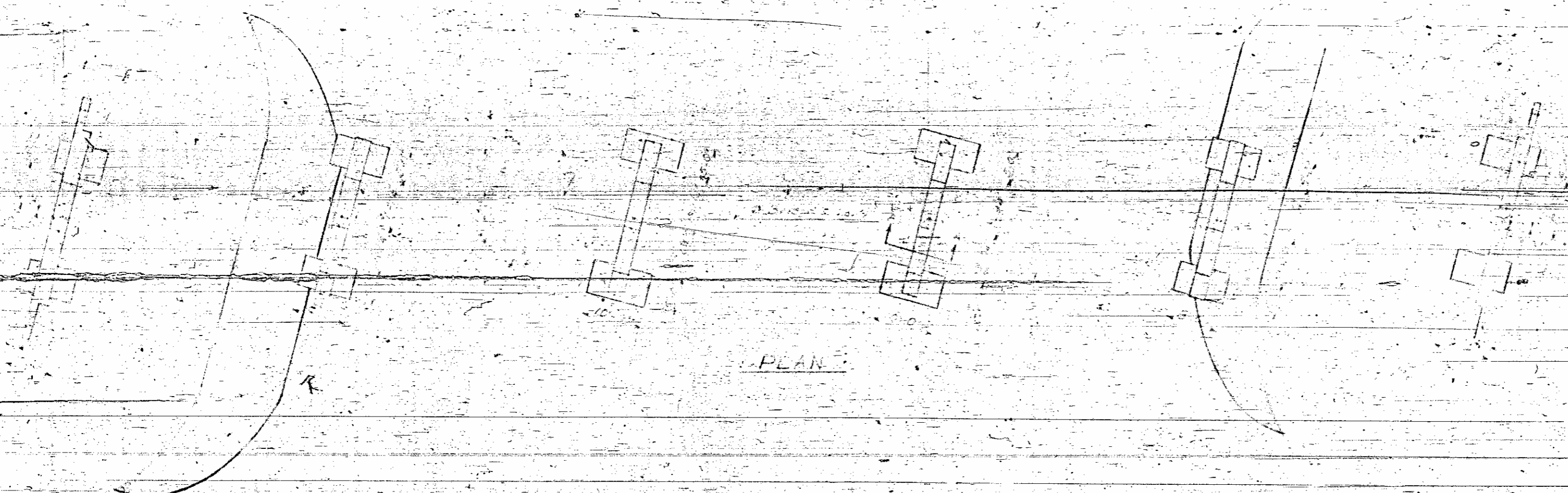
STATE OF NORTH CAROLINA
STATE HIGHWAY AND
PUBLIC WORKS COMMISSION

SPECIAL DESIGNED BY _____ DATE _____
DRAWN BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

| | | | |
|---------------------|-------|-------------|-----------|
| FED. ROAD DIST. NO. | STATE | PROJECT NO. | SHEET NO. |
| 3 | N.C. | | |



SECTION 2.62 C.F.S.
(Beam Span 100 ft)



9-250

PROJECT NO. _____
COUNTY _____
STATION: _____

SPECIAL
DESIGNED BY _____ DATE _____
CHECKED BY _____ DATE _____

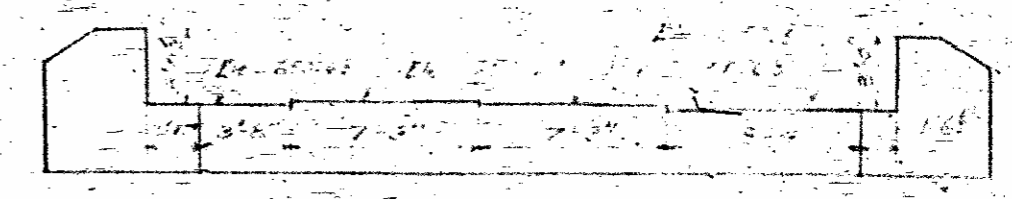
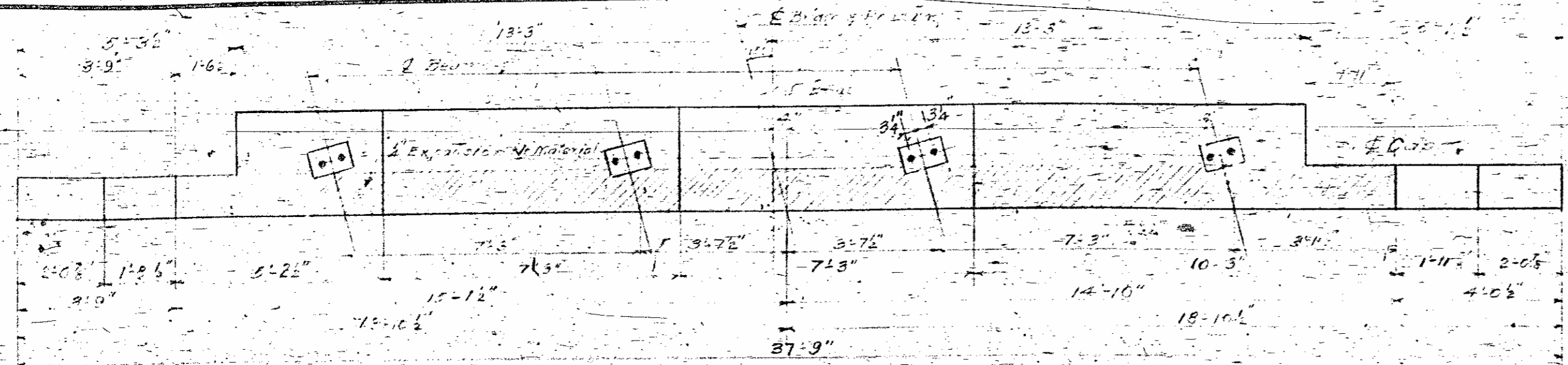
| | | | |
|----|--------|-------|--|
| 20 | 30.255 | 41700 | |
| 70 | 25.7 | 30 | |
| 40 | 12.3 | 60 | |
| 50 | 10.0 | 50 | |
| 60 | 8.0 | 40 | |

See Standard Specifications
A 2 P. 6 25.54

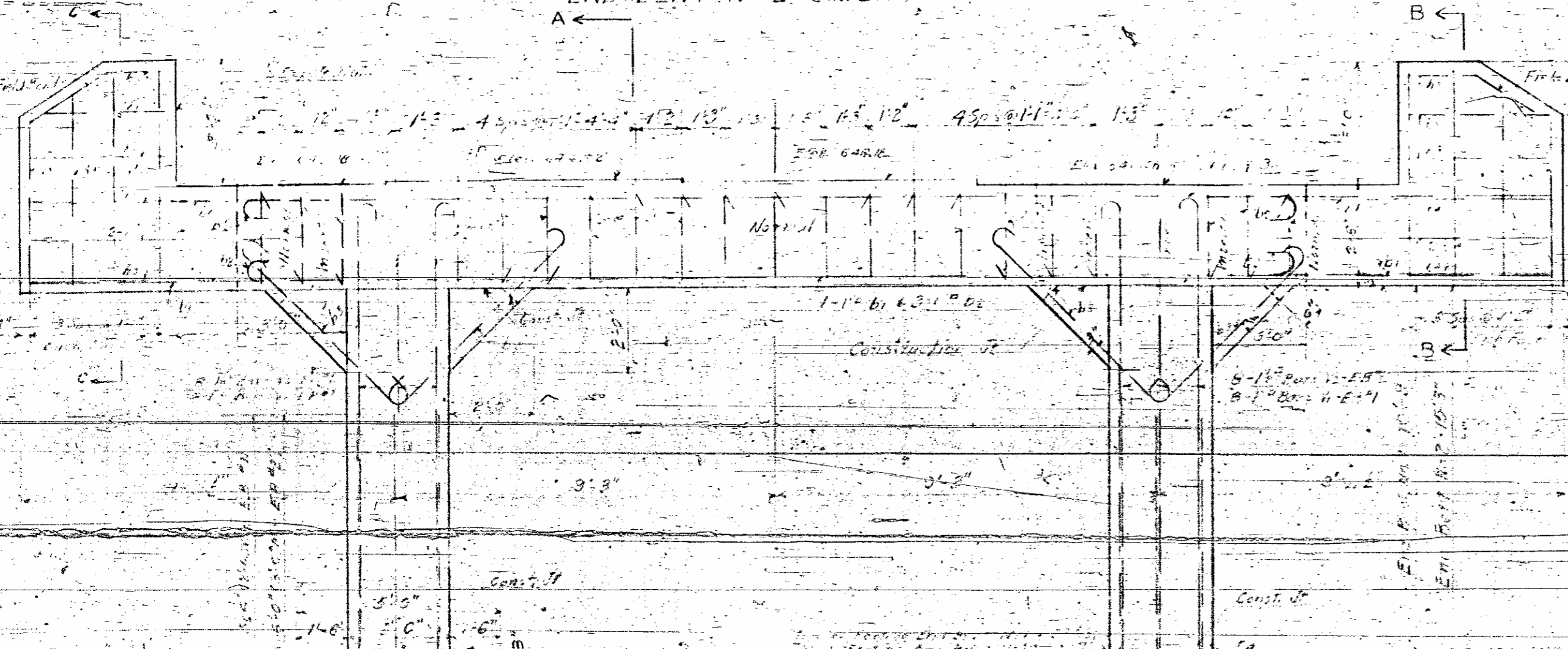
STATE OF NORTH CAROLINA
STATE HIGHWAY AND
PUBLIC WORKS COMMISSION
RALEIGH
DATE: _____
BY: _____

SHEET _____ OF _____

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-----------|--------------|
| 3 | N. C. | 9-252 | | |



PLAN OF END BENT NO. 1
END BENT NO. 2, SIMILAR BY NOTATION

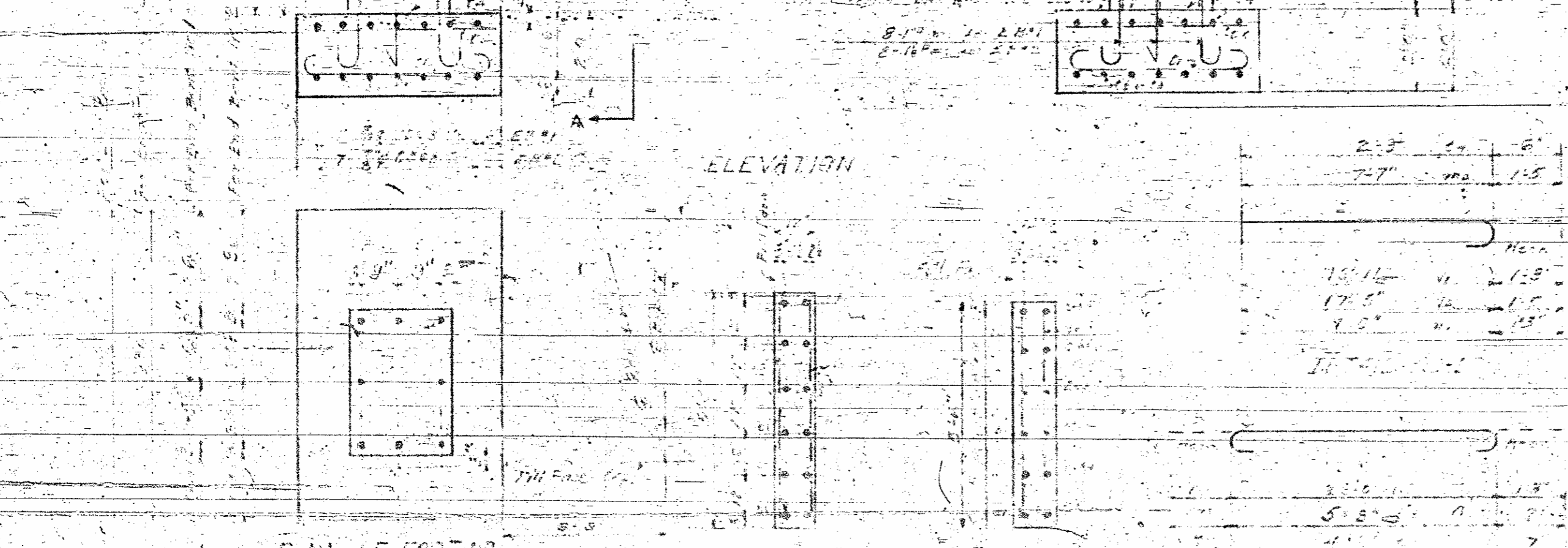


BILL OF MATERIAL FOR END BENT NO. 1

| NO. | QTY. | UNIT | DESCRIPTION | AMOUNT | PRICE | TOTAL |
|-----|------|-------|-------------|--------|-------|-------|
| 1 | 2 | cu yd | Excavation | 37.5 | 2.54 | 95.25 |
| 2 | 5 | cu yd | Excavation | 7.5 | 5.00 | 37.50 |
| 3 | 12 | cu yd | Excavation | 6.0 | 8.00 | 48.00 |
| 4 | 3 | cu yd | Excavation | 2.4 | 1.50 | 3.60 |
| 5 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 6 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 7 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 8 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 9 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 10 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 11 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 12 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 13 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 14 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 15 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 16 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 17 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 18 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 19 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 20 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 21 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 22 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 23 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 24 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 25 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 26 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 27 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 28 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 29 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 30 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 31 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 32 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 33 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 34 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 35 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 36 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 37 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 38 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 39 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 40 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 41 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 42 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 43 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 44 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 45 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 46 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 47 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 48 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 49 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 50 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 51 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 52 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 53 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 54 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 55 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 56 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 57 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 58 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 59 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 60 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 61 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 62 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 63 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 64 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 65 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 66 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 67 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 68 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 69 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 70 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 71 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 72 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 73 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 74 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 75 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 76 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 77 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 78 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 79 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 80 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 81 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 82 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 83 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 84 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 85 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 86 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 87 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 88 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 89 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 90 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 91 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 92 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 93 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 94 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 95 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 96 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 97 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 98 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 99 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |
| 100 | 1 | cu yd | Excavation | 1.0 | 1.50 | 1.50 |

ELEVATION

SECTION A-A



PLAN OF FOOTING

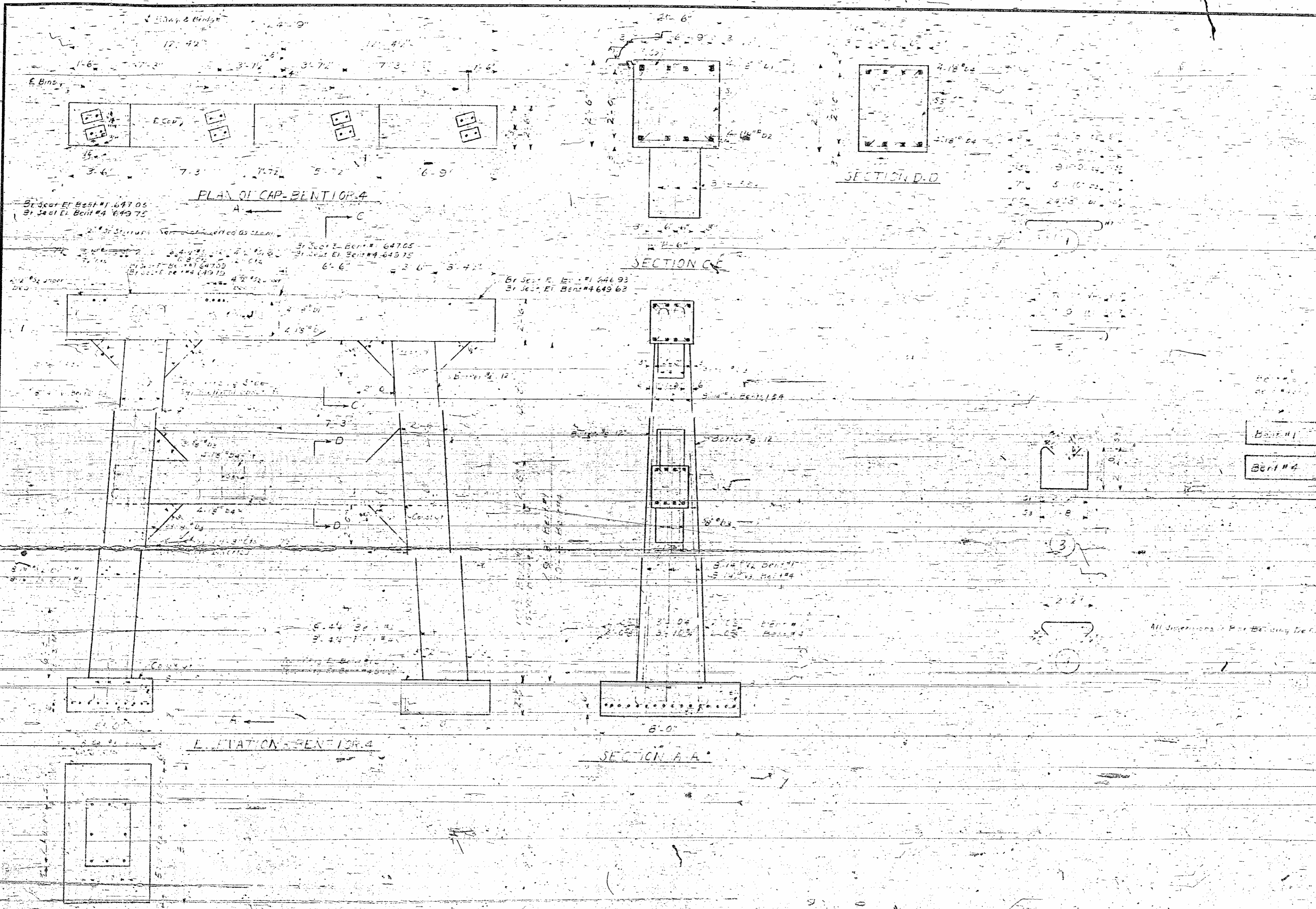
PROJECT NO. 9-252
COUNTY
STATION: 100+52.5

STATE OF NORTH CAROLINA
STATE HIGHWAY AND
PUBLIC WORKS COMMISSION

END BENTS NO. 1 & NO. 2

| | | |
|---------|-------------|------|
| SPECIAL | APPROVED BY | DATE |
| | | |

| FED. ROAD DIST. NO. | STATE | PROJECT NO. | SHEET NO. |
|---------------------|-------|-------------|-----------|
| 3 | N.C. | 19-256 | 57 |



BILL OF MATERIAL

FOR BENTION 4

| | | |
|-----|-----------------|----------|
| NO. | DESCRIPTION | QUANTITY |
| 1 | CONCRETE | 1.00 |
| 2 | REINFORCEMENT | 1.00 |
| 3 | FORMWORK | 1.00 |
| 4 | PAINT | 1.00 |
| 5 | LABOR | 1.00 |
| 6 | TRANSPORTATION | 1.00 |
| 7 | TESTING | 1.00 |
| 8 | INSURANCE | 1.00 |
| 9 | PERMITS | 1.00 |
| 10 | UTILITIES | 1.00 |
| 11 | EROSION CONTROL | 1.00 |
| 12 | TRAFFIC CONTROL | 1.00 |
| 13 | CONSTRUCTION | 1.00 |
| 14 | MAINTENANCE | 1.00 |
| 15 | DEMOLITION | 1.00 |
| 16 | LANDSCAPING | 1.00 |
| 17 | UTILITIES | 1.00 |
| 18 | CONSTRUCTION | 1.00 |
| 19 | MAINTENANCE | 1.00 |
| 20 | DEMOLITION | 1.00 |
| 21 | LANDSCAPING | 1.00 |
| 22 | UTILITIES | 1.00 |
| 23 | CONSTRUCTION | 1.00 |
| 24 | MAINTENANCE | 1.00 |
| 25 | DEMOLITION | 1.00 |
| 26 | LANDSCAPING | 1.00 |
| 27 | UTILITIES | 1.00 |
| 28 | CONSTRUCTION | 1.00 |
| 29 | MAINTENANCE | 1.00 |
| 30 | DEMOLITION | 1.00 |
| 31 | LANDSCAPING | 1.00 |
| 32 | UTILITIES | 1.00 |
| 33 | CONSTRUCTION | 1.00 |
| 34 | MAINTENANCE | 1.00 |
| 35 | DEMOLITION | 1.00 |
| 36 | LANDSCAPING | 1.00 |
| 37 | UTILITIES | 1.00 |
| 38 | CONSTRUCTION | 1.00 |
| 39 | MAINTENANCE | 1.00 |
| 40 | DEMOLITION | 1.00 |
| 41 | LANDSCAPING | 1.00 |
| 42 | UTILITIES | 1.00 |
| 43 | CONSTRUCTION | 1.00 |
| 44 | MAINTENANCE | 1.00 |
| 45 | DEMOLITION | 1.00 |
| 46 | LANDSCAPING | 1.00 |
| 47 | UTILITIES | 1.00 |
| 48 | CONSTRUCTION | 1.00 |
| 49 | MAINTENANCE | 1.00 |
| 50 | DEMOLITION | 1.00 |
| 51 | LANDSCAPING | 1.00 |
| 52 | UTILITIES | 1.00 |
| 53 | CONSTRUCTION | 1.00 |
| 54 | MAINTENANCE | 1.00 |
| 55 | DEMOLITION | 1.00 |
| 56 | LANDSCAPING | 1.00 |
| 57 | UTILITIES | 1.00 |
| 58 | CONSTRUCTION | 1.00 |
| 59 | MAINTENANCE | 1.00 |
| 60 | DEMOLITION | 1.00 |
| 61 | LANDSCAPING | 1.00 |
| 62 | UTILITIES | 1.00 |
| 63 | CONSTRUCTION | 1.00 |
| 64 | MAINTENANCE | 1.00 |
| 65 | DEMOLITION | 1.00 |
| 66 | LANDSCAPING | 1.00 |
| 67 | UTILITIES | 1.00 |
| 68 | CONSTRUCTION | 1.00 |
| 69 | MAINTENANCE | 1.00 |
| 70 | DEMOLITION | 1.00 |
| 71 | LANDSCAPING | 1.00 |
| 72 | UTILITIES | 1.00 |
| 73 | CONSTRUCTION | 1.00 |
| 74 | MAINTENANCE | 1.00 |
| 75 | DEMOLITION | 1.00 |
| 76 | LANDSCAPING | 1.00 |
| 77 | UTILITIES | 1.00 |
| 78 | CONSTRUCTION | 1.00 |
| 79 | MAINTENANCE | 1.00 |
| 80 | DEMOLITION | 1.00 |
| 81 | LANDSCAPING | 1.00 |
| 82 | UTILITIES | 1.00 |
| 83 | CONSTRUCTION | 1.00 |
| 84 | MAINTENANCE | 1.00 |
| 85 | DEMOLITION | 1.00 |
| 86 | LANDSCAPING | 1.00 |
| 87 | UTILITIES | 1.00 |
| 88 | CONSTRUCTION | 1.00 |
| 89 | MAINTENANCE | 1.00 |
| 90 | DEMOLITION | 1.00 |
| 91 | LANDSCAPING | 1.00 |
| 92 | UTILITIES | 1.00 |
| 93 | CONSTRUCTION | 1.00 |
| 94 | MAINTENANCE | 1.00 |
| 95 | DEMOLITION | 1.00 |
| 96 | LANDSCAPING | 1.00 |
| 97 | UTILITIES | 1.00 |
| 98 | CONSTRUCTION | 1.00 |
| 99 | MAINTENANCE | 1.00 |
| 100 | DEMOLITION | 1.00 |

PROJECT NO. 19-256
 COUNTY
 STATION

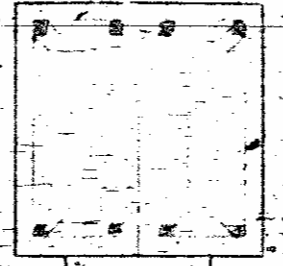
STATE OF NORTH CAROLINA
 STATE HIGHWAY AND
 PUBLIC WORKS COMMISSION

| | | |
|---------|-------------|------|
| SPECIAL | DESIGNED BY | DATE |
| | CHECKED BY | DATE |
| | APPROVED BY | DATE |

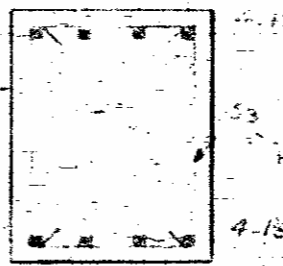
| FED. ROAD DIST. NO. | STATE | PROJECT NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-----------|--------------|
| 3 | N.C. | 9,256 | 13 | 17 |



PLAN OF CAP BENT 2 OR 3



SECTION C-C



SECTION D-D

Br Sect. El. Bent #2 647.95
Br Sect. El. Bent #3 648.85

Br Sect. El. Bent #2 647.95
Br Sect. El. Bent #3 648.85

Br Sect. El. Bent #2 647.95
Br Sect. El. Bent #3 648.85



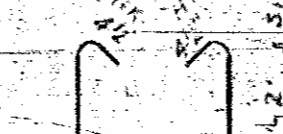
ELEVATION BENT 2 OR 3



SECTION A-A



SECTION 2



SECTION 4

All dimensions in Bar Bending Details are out to out of bar

BILL OF MATERIAL FOR BENT 2 OR 3

| Qty | Size | Weight | Volume | Remarks |
|-----|------|--------|--------|---------|
| 61 | 4 | 18 | 1.08 | |
| 62 | 4 | 18 | 1.08 | |
| 63 | 3/8 | 25 | 7.0 | |
| 64 | 8 | 18 | 2.16 | |
| 65 | 8 | 18 | 2.16 | |
| 71 | 20 | 14 | 9.4 | |
| 72 | 25 | 20 | 7.5 | |
| 73 | 2 | 20 | 2.11 | |
| 74 | 2.5 | 20 | 6.9 | |
| 81 | 20 | 58 | 5.16 | |
| 82 | 35 | 20 | 5.16 | |
| 91 | 10 | 14 | 1.5 | |
| 92 | 20 | 14 | 17.3 | |
| 93 | 20 | 14 | 15 | |
| 94 | 20 | 14 | 14 | |

Bent #2
Bent #3

Reinforcing Steel 100-403
Class A Concrete 150-403
Reinforcing Steel 100-403
Class A Concrete 150-403

PROJECT NO. 925
CLEVELAND COUNTY
STATION: 150+30

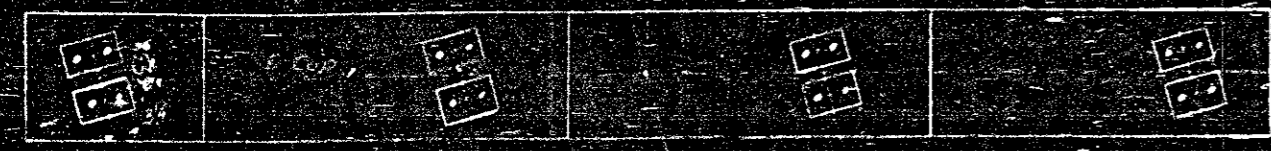
STATE OF NORTH CAROLINA
STATE HIGHWAY AND
PUBLIC WORKS COMMISSION

BENTS 2 & 3
APR 1934

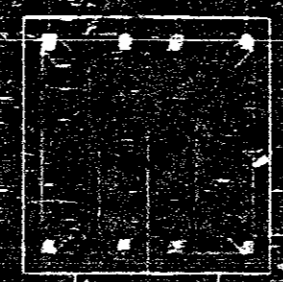
SPECIAL
DESIGNED BY
CHECKED BY
APPROVED BY

SHEET OF

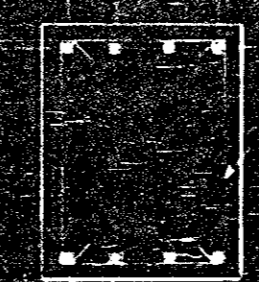
| PER ROAD DIST. NO. | DATE | PROJECT NO. | SHEET NO. |
|--------------------|------|-------------|-----------|
| 9 | N.C. | 9,256 | 5 |



PLAN OF CAP BENT 2 OR 3



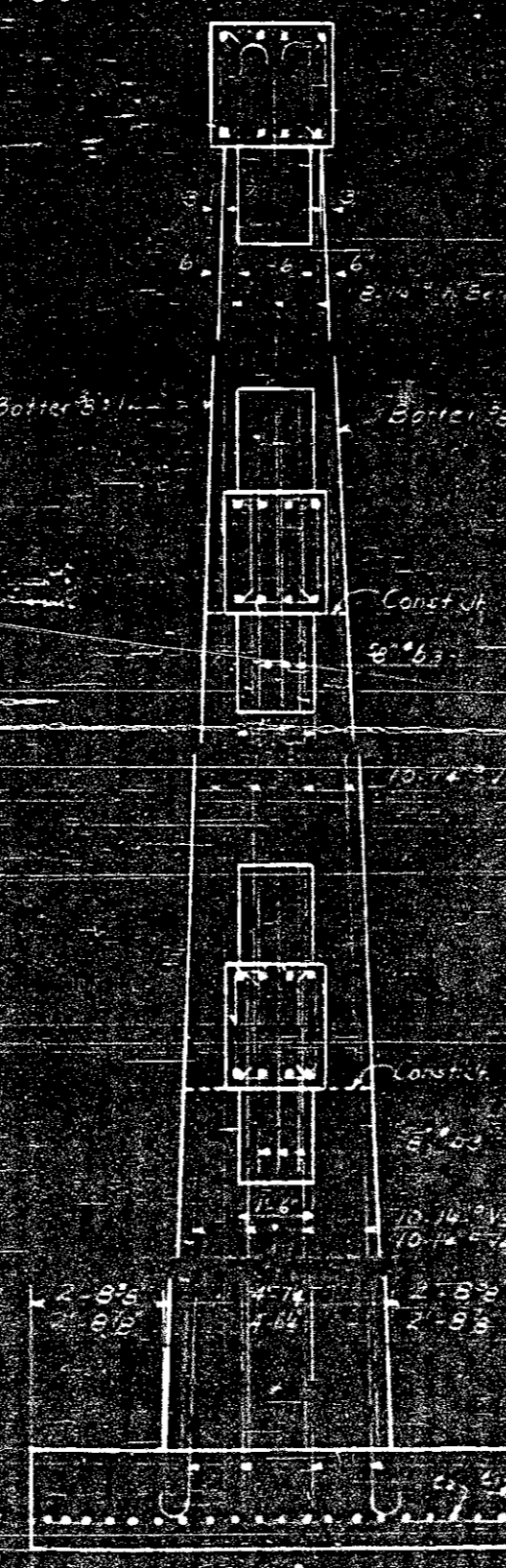
SECTION C-C



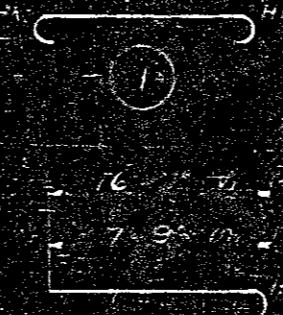
SECTION D-D



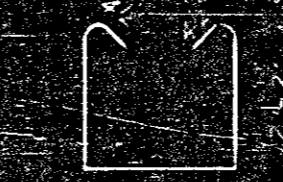
ELEVATION BENT 2 OR 3



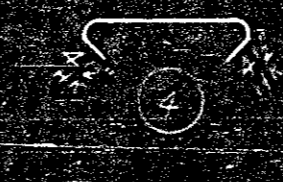
SECTION A-A



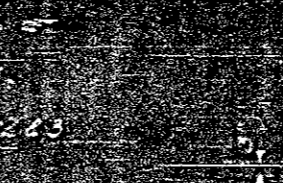
1



2

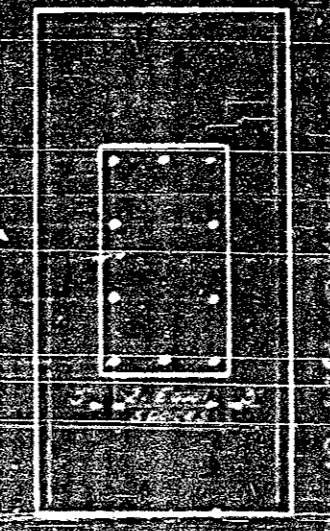


3



4

All dimensions for Bar Bending Details are out to out of bar



PLAN OF FOOTINGS

| BILL OF MATERIAL FOR BENT 2 OR 3 | | | | |
|----------------------------------|-----|------|------|--------|
| BAR | No | Size | Type | Length |
| 01 | 4 | 1/2" | | 27" |
| 02 | 4 | 1/2" | | 24" |
| 03 | 3.6 | 3/8" | | 7'0" |
| 04 | 3 | 1/2" | | 27" |
| 05 | 8 | 1/2" | | 27" |
| 06 | 20 | 1/2" | | 3'4" |
| 07 | 25 | 2" | | 7'3" |
| 08 | 12 | 2" | | 2'11" |
| 09 | 25 | 2" | | 6'9" |
| 10 | 20 | 3/8" | | 1'10" |
| 11 | 35 | 2" | | 3' |
| 12 | 10 | 1/2" | | 15" |
| 13 | 20 | 1/2" | | 17" |
| 14 | 20 | 1/2" | | 15" |
| 15 | 20 | 1/2" | | 14" |

PROJECT NO. 9,256
CLEVELAND COUNTY
STATION: 100+32

STATE OF NORTH CAROLINA
STATE HIGHWAY AND PUBLIC WORKS COMMISSION
BENTS 2 & 3
APRIL 1954

SPECIAL
DESIGNED BY: J. M. ...
CHECKED BY: ...
DATE: April 1954

9-256
S-739 (1)

| FED. ROAD DIST. NO. | STATE | STATE PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------------|-------------|-----------|--------------|
| 14 | N.C. | | | | |

INDEX OF SHEETS

Sheet No. 1. Title Page

" " 2. Estimate of Quantities

" " 3. Typical Cross Section of Improvement

" " 3. Typical Grading Sections for Intersection Areas

" " 3RH. Details of Concrete Endwalls

" " 3RS. Details of Drainage, etc.

" " 3RO. 1' Std. Conc. Drop Inlet 3RD. 1/4" 200

" " 3ROSE. Details of Superelevating Curves.

" " 4-11. Plans & Profile.

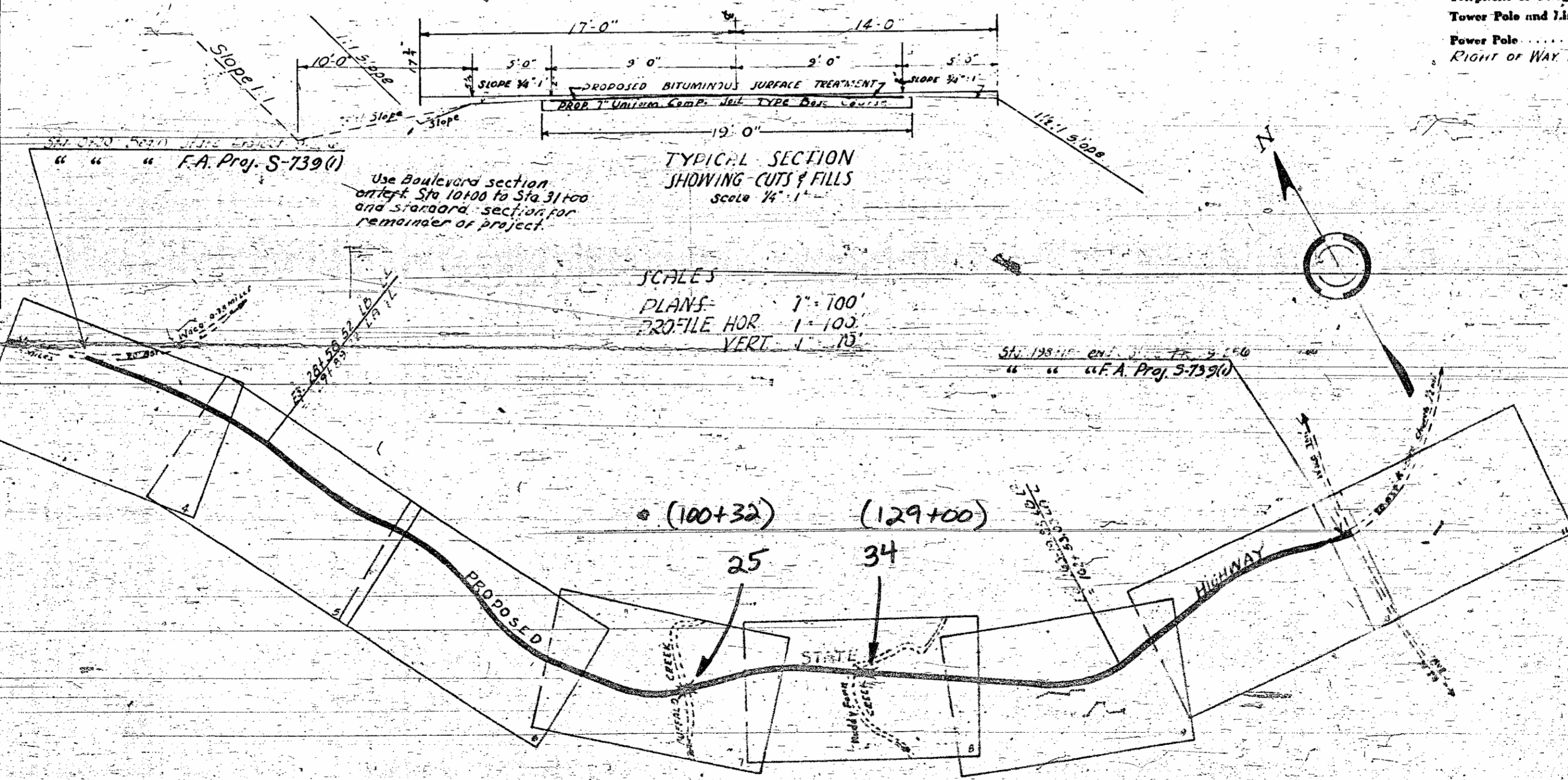
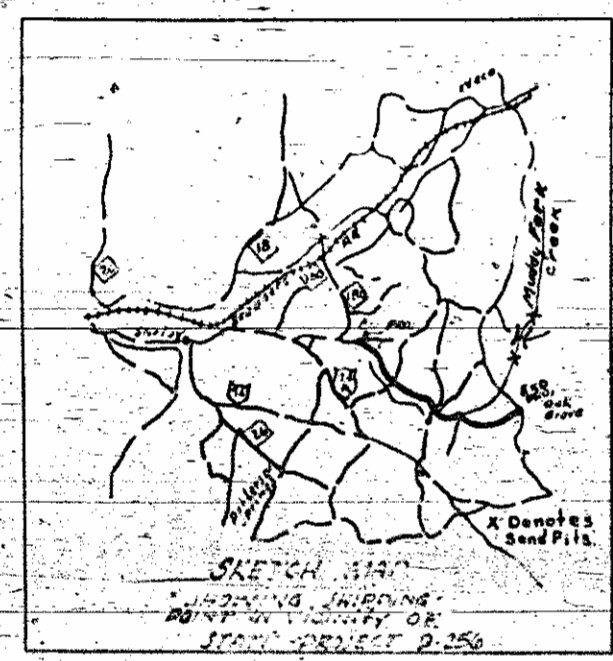
" " 12. Summary of Earthwork.

" " 13-41. Cross Sections.

" " 51-510. Bridge plans.

STATE OF NORTH CAROLINA
STATE HIGHWAY AND PUBLIC WORKS COMMISSION
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
CLEVELAND COUNTY

Begin at Sta. 0+00 a point at the edge of a paved county road approximately .58 miles east of Shelby, N.C. and extending in a general southerly direction along and near existing county road to a point on paved road near Oak Grove Sta. 198+15 End of Project.



CONVENTIONAL SIGNS

County Line
Township Line
City or Town Line
Right of Way Line
Survey Line
Property Line
Wire Fence
Board Fence
Present Traveled Road
Railroad
Grade Elevation DATUM 0
Ground Elevation DATUM 2
Pipe Culvert
Box Culvert
Woods
Telephone or Telegraph Pole
Tower Pole and Line
Power Pole
Right of Way Markers ▲

Prepared in Office of
STATE HIGHWAY AND PUBLIC WORKS COMMISSION
RALEIGH, N. C.

Surveyed by: GARLAND LLOYD
Plans Prepared by: R. D. PLUMER
Date: MARCH 1954

1952
State Standard Specifications,
Approved by Bureau Control.

Layout Map
Scale: 1" = 1000'
Length of Roadway F.A. Proj. S-739(1) = 3.663 mi.
" " Structures " " = .073 mi.
Total Length State Proj. 9-256 = 3.736 mi.

Right of way on this project is 60' wide.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____
DISTRICT ENGINEER DATE

9-256