

YORK COUNTY

FILE 46.169B.1 PROJ. BR-BR46(012)



2011 ADT-XXXX

2031 ADT xxxx

TRUCKS XX %

RPG GROUP 3B - MIDLANDS - JDS
CHARGE CODE 46 Q120 BR4601 2220 654

PIN NUMBER 31919 X
PROJECT DIRECTORY P:\YORK\31919 S103\ROAD

SURVEY LENGTH 0.751 MI.
PRELIMINARY RIGHT-OF-WAY FIELD REVIEW PERFORMED / /

CLEARING AND GRUBBING:

WITHIN RIGHT OF WAY _____ (IF NO REASON IS GIVEN , THEN
C&G MAY BE CHANGED TO "WITHIN ROADWAY")

PAVEMENT DESIGN (FOR CONFIRMATION ONLY):

BINDER: _____ MATERIAL _____ TYPE _____ RATE _____

MAINTENANCE STONE TONS
CLEARING & GRUBBING DITCHES

SHRINKAGE FACTOR _____ % BORROW EXCAVATION: 17 N

MILLING: _____" DEPTH STA. _____ TO STA. _____ S. Y. _____

DITCH PAVING @ 300 LBS./S. Y. _____ TONS

ADDITIONAL _____" PIPE CULVERT _____ L. F.

ADDITIONAL _____" PIPE CULVERT _____ L. F.

ADDITIONAL _____" PIPE CULVERT _____ L. F.

THE FOLLOWING DRAINAGE PIPE MATERIALS WILL BE BID AS ALTERNATE APPLICATIONS WHERE PRACTICAL UNLESS SPECIFIC DIRECTIONS ARE PROVIDED.

APPLICATIONS WHERE PRACTICAL UNLESS SPECIFIC DIRECTIONS ARE PROVIDED
REINFORCED CONCRETE

CORR. ALUM. ALLOY

H.D. POLYETHYLENE

ADDITIONAL DRAINAGE STRUCTURES:

TYPE 9/MH _____ MANHOLE _____ 24" x 24" D.I. _____ 24" x 36" D.I. _____

TYPE 14 _____ TYPE 16 _____ TYPE 17 _____ TYPE 18 _____

TRENCH DRAIN _____ L. F.

_____" PERF. PIPE UNDERDRAIN _____ L. F.

_____ " PERF. PIPE UNDERDRAIN _____ L. F.
AGGREGATE UNDERDRAIN FOR SHOULDERS Y/N _____

SEDIMENT TUBES L - F

R. C. SLAB FOR CROSSLINE UNDER EXIST. PAV'TY / N S. Y.

WILL THE ROAD, ON WHICH THE PIPE TRENCH IS LOCATED, BE

RESURFACED IN THE AREA OF THE TRENCH DURING THIS

CONSTRUCTION ? Y / N

RIPRAP (CLASS "___") _____ TONS

GEOTEXTILE FABRIC (PROTECTED / UNPROTECTED) _____ S. Y.

TEMP. EROSION CONTROL BLANKET _____ M. S. Y.

SILT BASINS _____ C.Y. SILT FENCE _____ L. F.

* PRELIMINARY MEANS THAT ALL DESIGN INFORMATION, INCLUDING HYDROLOGY, IS ON THE PLAN SHEETS; HOWEVER, RIGHT-OF-WAY OBTAINS AND REMAINS MAY NOT BE INCLUDED.

INDEX OF SHEETS

SEE IL1 SHEET FOR INDEX



South Carolina Department of Transportation



PROPOSED PLANS
FOR
YORK COUNTY
FILE 46.169B.1 PROJ. BR-BR46(012)
ROAD S-103 RELOCATION (OAK PARK ROAD)
BRIDGE APPROACHES AT FISHING CREEK

FILE 46.169B.1 PROJ. BR-BR46(012) ROAD S-103(OAK PARK ROAD)
STA. 55+50.00 TO STA. 73+00.00
(SEE SHEETS NO. 6 - 10)



CONSTRUCT 210.0' X 34.0' CONCRETE BRIDGE
STA. 59+95.13 TO STA. 62+05.13
(BRIDGE PLANS BOUND UNDER SEPARATE COVER)

LAYOUT

SCALE 1 INCH = 5280 FEET

| | RD. S-103 Rel. | |
|-------------------------|-------------------|-------|
| NET LENGTH OF ROADWAY | 0.424 | MILES |
| NET LENGTH OF BRIDGES | 0.068 | MILES |
| NET LENGTH OF PROJECT | 0.492 | MILES |
| LENGTH OF EXCEPTIONS | | MILES |
| GROSS LENGTH OF PROJECT | 0.492 | MILES |

EQUALITIES IN STATIONING

Sta. 67+96.87 Back = Sta. 68+00.00 Ahead (-3.13')

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL CONFORM TO THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND THE STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

RPG3B - MIDLANDS PRODUCTION GROUP - JDS (J.D.S.)

| PCN NO. | SHEET NO. | TOTAL SHEETS |
|---------|-----------|--------------|
| 31919 X | 1 | 28 |

Hydraulic Design Reference for these plans is the:

2009
Edition of SCDOT's "Requirements for
Hydraulic Design Studies"

Design Reference for these plans is the:

2001
AASHTO "A Policy on Geometric Design of
Highways and Streets"

NPDES PERMIT INFORMATION

NPDES Disturbed
Area = 1.870 Acre(s)

Approximate Location of Roadway is

Begin
Latitude 34° 54' 16" N
Longitude 81° 06' 39" W

End
Latitude 34° 54' 20" N
Longitude 81° 08' 09" W

Hydraulic and NPDES Design
provided by:

S.C.D.O.T.

Designs may be obtained from the
SCDOT Regional Production Group

| ENVIRONMENTAL PERMIT INFORMATION | | | | |
|----------------------------------|-----|------|-------|-----|
| USACE PERMIT | YES | NO | | |
| NEPA DOCUMENT | YES | NO | | |
| 401 CERTIFICATION | YES | NO | | |
| OCRM CAP | YES | NO | | |
| NAVIGABLE WATERS | SC | USCG | USACE | N/A |

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA

CALL 811

SOUTH CAROLINA 811 (SC811)
WWW.SC811.COM
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?
YES / NO

TRAFFIC DATA

2011 ADT XXXXX

2021 ADT XXXX

TRUCKS 5 %

Approved for Right Of Way Acquisition:

Randall L. Young
Regional Production Engineer - Midlands

Date

ENGINEER OF RECORD



FOR CONSTRUCTION :
Randall L. Young
Regional Production Engineer - Midlands

DATE

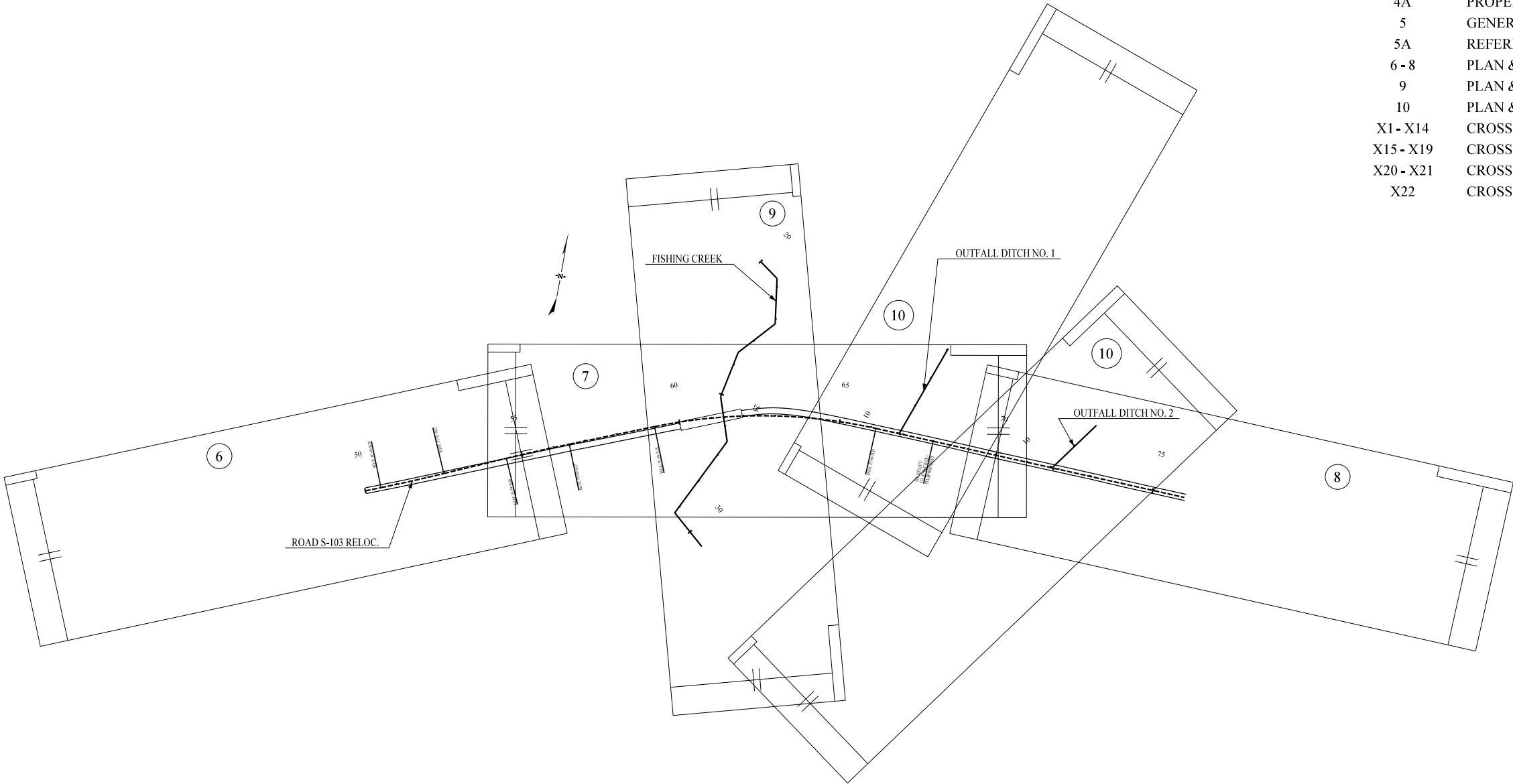
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| PIN # 31919_X | | | | | | |
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| FED. RD. DIV. No. | STATE | COUNTY | FILE No. | | ROAD No. | SHEET No. |
| 3 | S.C. | YORK | 46.169B.1 | | S-103 RELOC. | IL1 |

OAK PARK ROAD

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION | SHEET SUBTOTALS |
|-----------|---|-----------------|
| 1 | TITLE SHEET | 1 |
| IL1 | INDEX/LAYOUT SHEET | 1 |
| 2 | SUMMARY OF ESTIMATED QUANTITIES | 0 |
| 2A | MOVING ITEMS | 0 |
| 3-3A | TYPICAL SECTION | 2 |
| 4 | R/W DATA SHEET | 1 |
| 4A | PROPERTY STRIP MAP | 1 |
| 5 | GENERAL CONSTRUCTION NOTE | 0 |
| 5A | REFERENCE SHEET | 1 |
| 6 - 8 | PLAN & PROFILE (ROAD S-103 RELOC.) | 3 |
| 9 | PLAN & PROFILE (FISHING CREEK) | 1 |
| 10 | PLAN & PROFILE (O.F.D. No.1 & O.F.D. No. 2) | 1 |
| X1 - X14 | CROSS SECTIONS (ROAD S-103 RELOC.) | 14 |
| X15 - X19 | CROSS SECTIONS (FISHING CREEK) | 5 |
| X20 - X21 | CROSS SECTIONS (O.F. DITCH No. 1) | 2 |
| X22 | CROSS SECTIONS (O. F. DITCH No. 2) | 1 |
| | | 46 |



FOR INFORMATION ONLY

| | | | | | |
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| | 4 | | | | SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION COLUMBIA, S.C. |
| | 3 | | | | |
| | 2 | | | | |
| | 1 | | | | |
| | REV. NO. | BY | DATE | DESCRIPTION OF REVISION | <i>INDEX/LAYOUT SHEET</i> |
| | TOPO. | | DATE | | |
| | DWG. | | DATE | | |
| R/W | | DATE | | RPG <u>3B</u> - <u>MIDLANDS</u> | SCALE 1"= 200' RTE. ROAD S-103 RELOC. |

OAK PARK ROAD

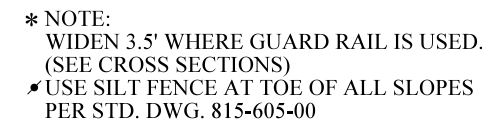
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| 3 | S.C. | YORK | 46.169B.1 | S-103 REL. | 3 |



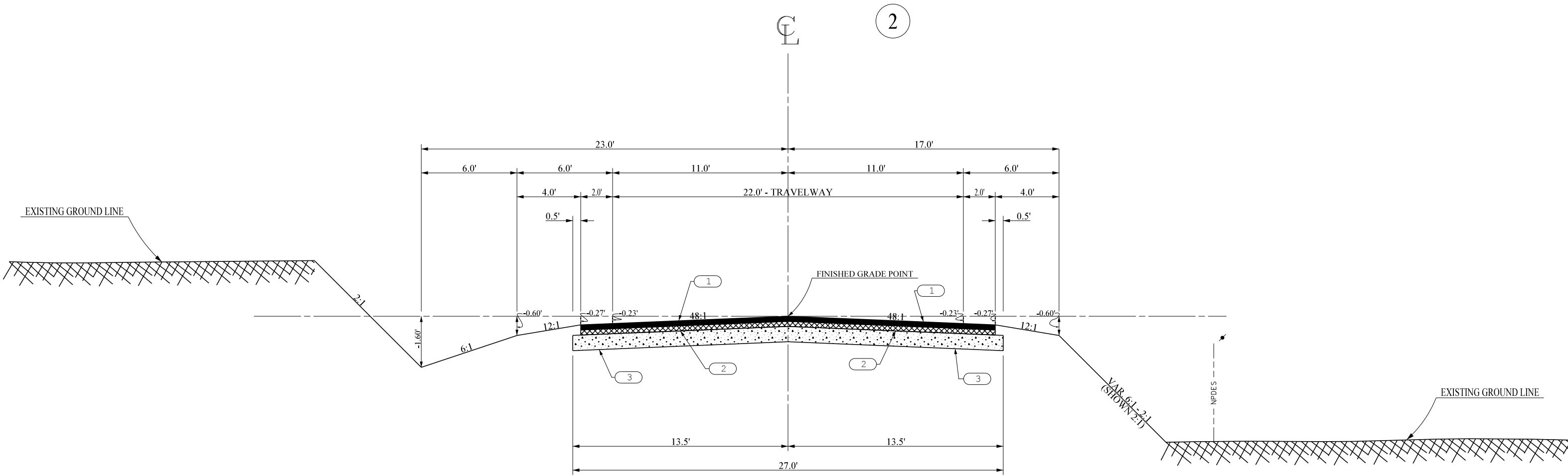
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|---------------|---------------|
| SCALE 1"V=NTS | SCALE 1"H=NTS |
|---------------|---------------|

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TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

| PIN # 31919 X | | | | |
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| FED. RD. DIV. No. | STATE | COUNTY | FILE No. | ROAD/ROUTE No. |
| 3 | S.C. | YORK | 46.169B.1 | S-103 REL. |

OAK PARK ROAD



NOTE:
THIS SLOPE MAY BE VARIED WHEN A DEEPER DITCH IS NECESSARY FOR DRAINAGE PURPOSES, USING A MINIMUM SLOPE OF 12:1 AND A MAXIMUM SLOPE OF 4:1. WHERE A DEEPER DITCH THAN PROVIDED BY A 4:1 IS NECESSARY, THE DITCH SHALL BE PLACE FARTHER FROM THE C/L CONTINUING THE 4:1 SLOPE PROVIDED FOR NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES.

USE THIS SECTION ON ROAD S-103 RELOCATION
FROM: STA. 53+75.00 TO: STA. 72+75.00

* NOTE:
WIDEN 3.5' WHERE GUARD RAIL IS USED.
(SEE CROSS SECTIONS)
USE SILT FENCE AT TOE OF ALL SLOPES
PER STD. DWG. 815-605-00

LEGEND

| | | |
|---|--|---|
| 1 | | HOT MIX ASPHALT SURFACE COURSE TYPE A (200 LBS PER S.Y.) |
| 2 | | HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (200 LBS PER S.Y.) |
| 3 | | HOT MIX ASPHALT BASE COURSE - TYPE A (600 LBS PER S.Y.) |

Road group designation
for this FAS Rural Route
or State "C" Road
per EDM PC-3 is
Group 4

| FUNCTIONAL CLASS | RD. S-103 REL. | | DESIGN SPEED | |
|------------------|----------------|-----------|--------------|--|
| | MPH | FROM STA. | TO STA. | |
| RURAL - LOCAL | 45 | 53+75.00 | 72+75.00 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

PAVEMENT DESIGN



SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

TYPICAL SECTION

SCALE 1"V=NTS SCALE 1"=H=NTS

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

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NOTES:

TOTAL OBTAIN INCLUDES HIGHLAND, MARSH AND OUTFALL DITCHES.

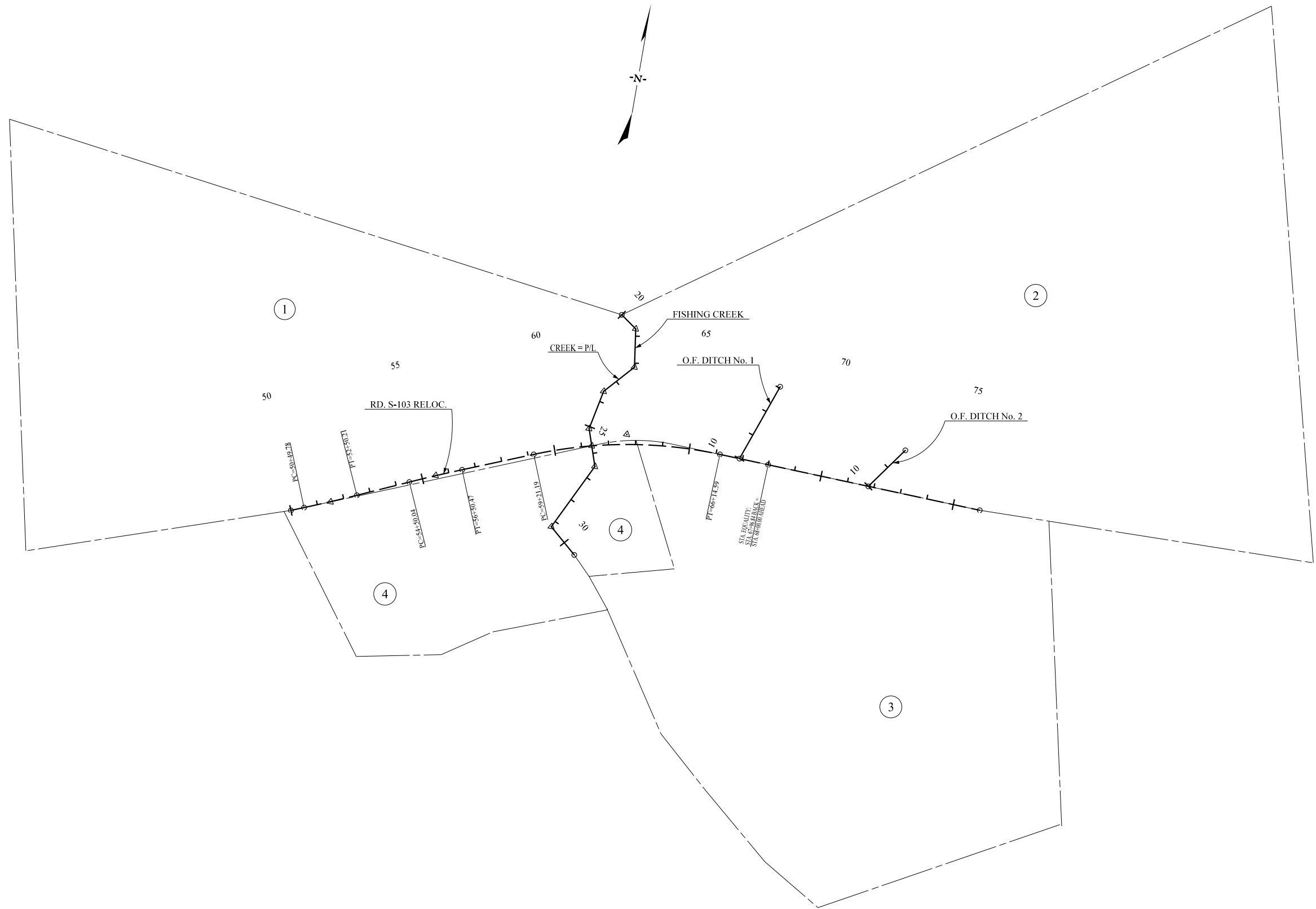
OBTAINS WILL BE SHOWN IN SQUARE FEET AND ACRES. ACRES WILL BE SHOWN IN PARENTHESES UNDER SQUARE FEET. IN RURAL AREAS OBTAINS MAY BE SHOWN IN ACRES ONLY. OUTFALL DITCHES WILL BE SHOWN IN ACRES ONLY.

8 SHOW REMAINDER IN SQUARE FEET WHEN
LESS THAN 0.25 ACRE.

| DATE | TRACT NO. | REMARKS | DATE | TRACT NO. | REMARKS |
|------|-----------|---------|------|-----------|---------|
| | | | | | |
| | | | | | |
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| FED. RD. DIV. No. | STATE | COUNTY | FILE No. | ROAD No. | SHEET No. |
|----------------------|-------|--------|-----------|-------------|--------------|
| 3 | S.C. | YORK | 46.169B.1 | S-103 | 4A |

OAK PARK ROAD



| | | | |
|-------------|------------|------|--------------------------|
| 4 | | | |
| 3 | | | |
| 2 | | | |
| 1 | | | |
| REV. NO. | BY | DATE | DESCRIPTION OF REVISION |
| TOPO. _____ | DATE _____ | | |
| DWG. _____ | DATE _____ | | |
| R/W _____ | DATE _____ | | |
| | | | RPG <u>3B</u> - MIDLANDS |

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROAD DESIGN COLUMBIA, S.C.

ROAD S-103 RELOC.
PROPERTY STRIP MAP

SCALE 1"= 200' RTE. S103 RELOC. DWG. NO. PN1

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| 3 | S.C. | YORK | 46.169B.1 | | S-103 REL. | 5 |

OAK PARK ROAD

GENERAL CONSTRUCTION NOTE:

The Deputy Secretary for Engineering must specifically authorize changes involving increased cost of project or changes in alignment. The District Engineering Administrator is permitted under the direction of the Deputy Secretary for Engineering to authorize minor alterations not in conflict with the standard practices of the Department. Forward information on any proposed changes in alignment to the Columbia Office as soon as possible.

See individual curves on Reference Data Sheet for superelevation rate and design speed, as applicable.

The following quantities are not shown in detail on the plans but are included in the Summary of Estimated Quantities and may be adjusted during construction as directed by the Engineer.

Project Contacts

| Name | Telephone |
|---|----------------|
| Program / Project Manager: BRIAN D. KLAUK | (803) 737-5051 |
| Design Group Coordinator: JAMES D. SEASE | (803) 737-1416 |



| | | | |
|----------|----|------|-------------------------|
| 4 | | | |
| 3 | | | |
| 2 | | | |
| 1 | | | |
| REV. NO. | BY | DATE | DESCRIPTION OF REVISION |
| TOPO. | | DATE | |
| DWG. | | DATE | |
| R/W | | DATE | |

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

GENERAL CONSTRUCTION NOTE

SCALE 1"= RTE.



| | | | |
|--|-----------------------------------|----------|------------|
| PROFILE NOTE BOOK NO. | SURVEYED _____ | BY _____ | DATE _____ |
| | PLOTTED _____ | | |
| | GRADES CHECKED _____ | | |
| | B.M.'S NOTED _____ | | |
| | STRUCTURE NOTATIONS CHECKED _____ | | |

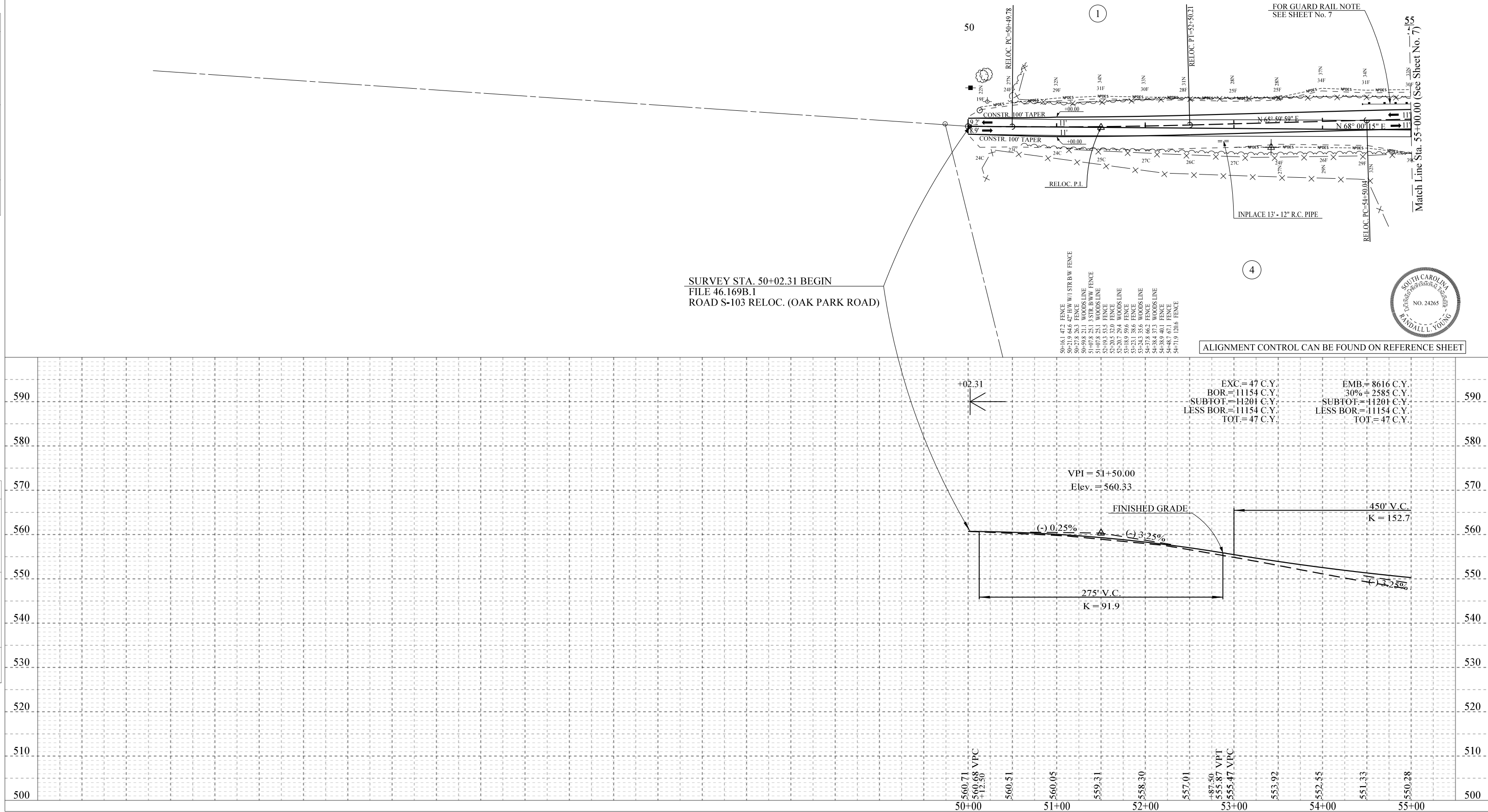
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| UTILITY OWNERS | | BURIED | BOTH |
|----------------|--------------------------|--------|------|
| POWER: | YORK ELECTRIC CO-OP | | X |
| TELEPHONE: | COMPORIUM COMMUNICATIONS | X | |
| GAS: | YORK COUNTY NATURAL GAS | | |
| WATER: | WELLS | | |
| SEWER: | SEPTIC TANKS | | |

RELOCATE CENTERLINE BETWEEN
STA. 50+49.78 AND STA. 67+97.87

| PIN # 31919_X | | | | | |
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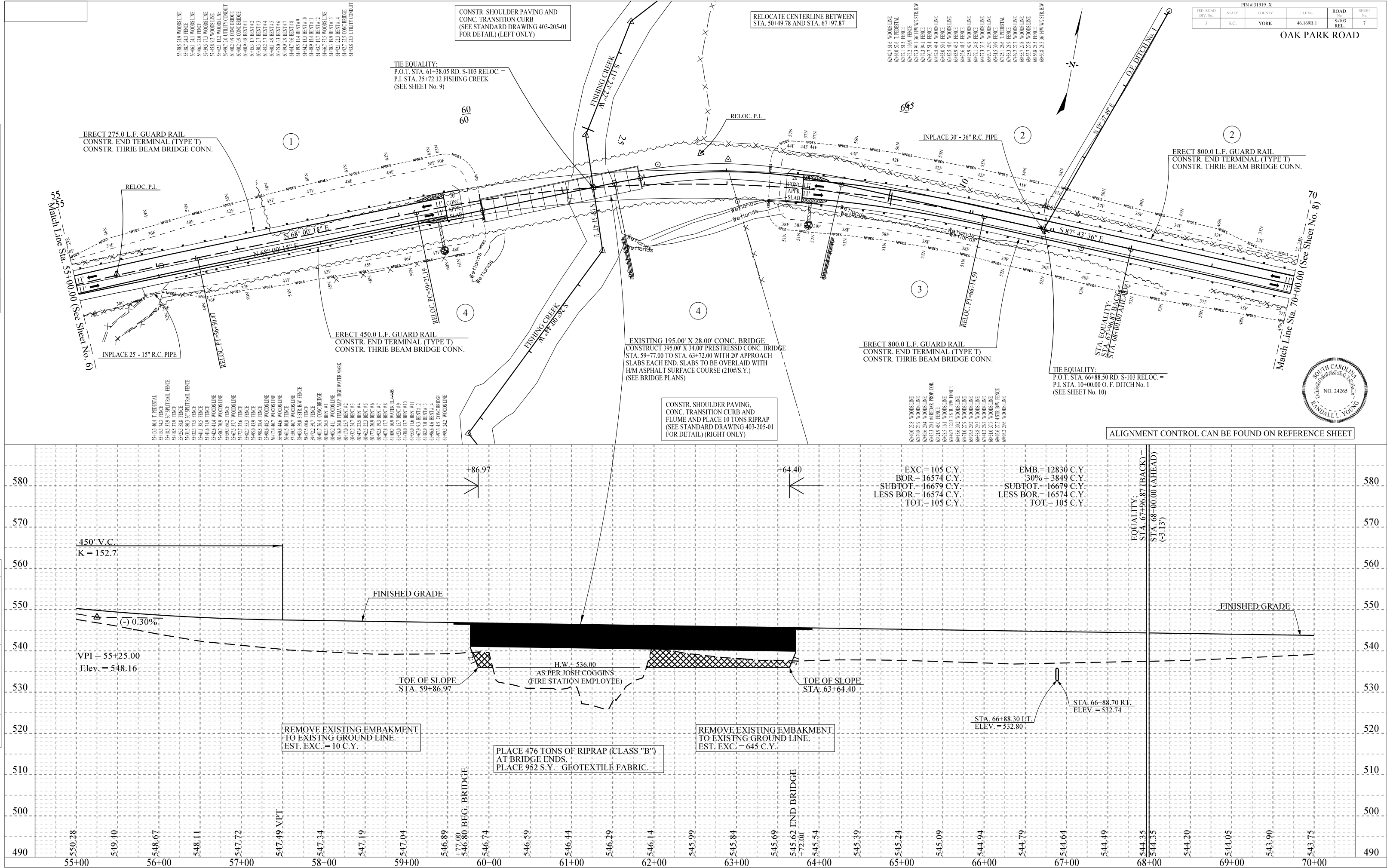
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| DATE | BY | REVISION |
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| | | PLAN |
| | | NOTED BOOK |
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| | | NOTED BOOK |
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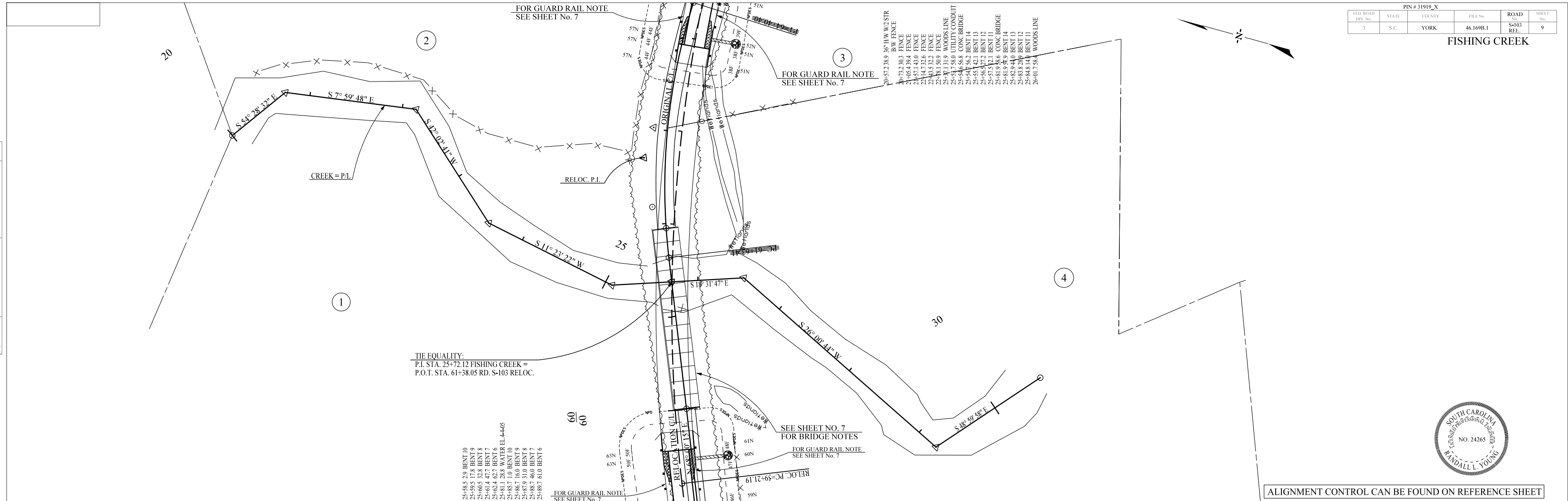
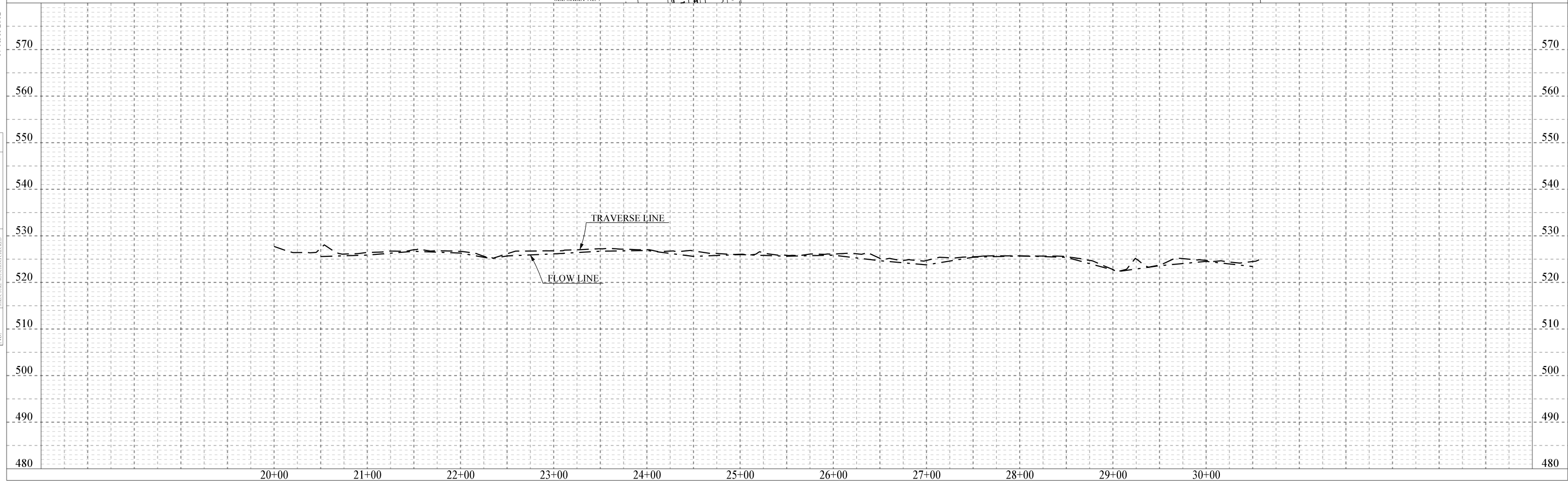
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OAK PARK ROAD



| PROFILE | | BY | DATE |
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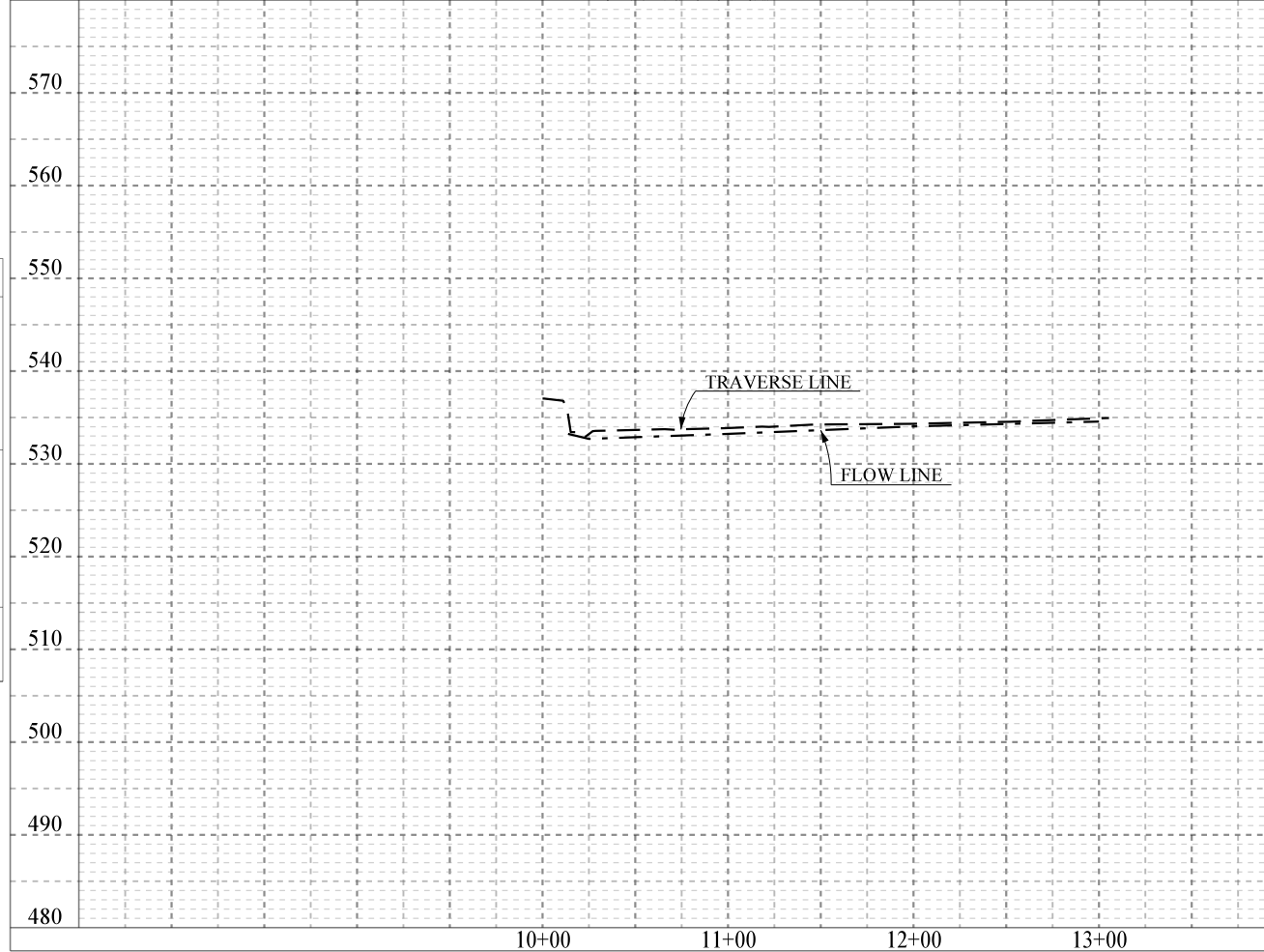
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FISHING CREEK

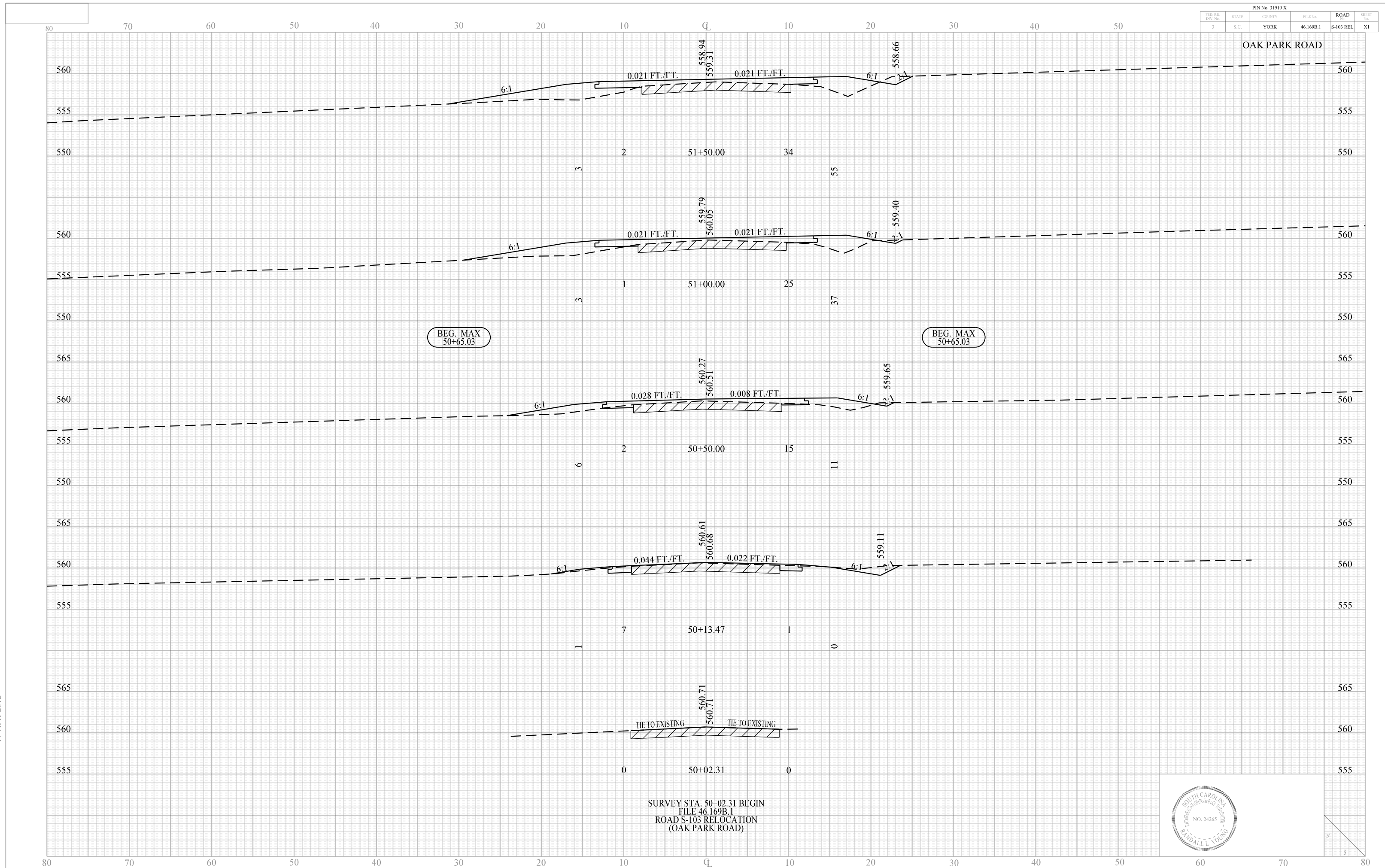


ALIGNMENT CONTROL CAN BE FOUND ON REFERENCE SHEET

| | | | |
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| | B.M.'S NOTED _____ | | |
| | STRUCTURE NOTATIONS CHECKED _____ | | |

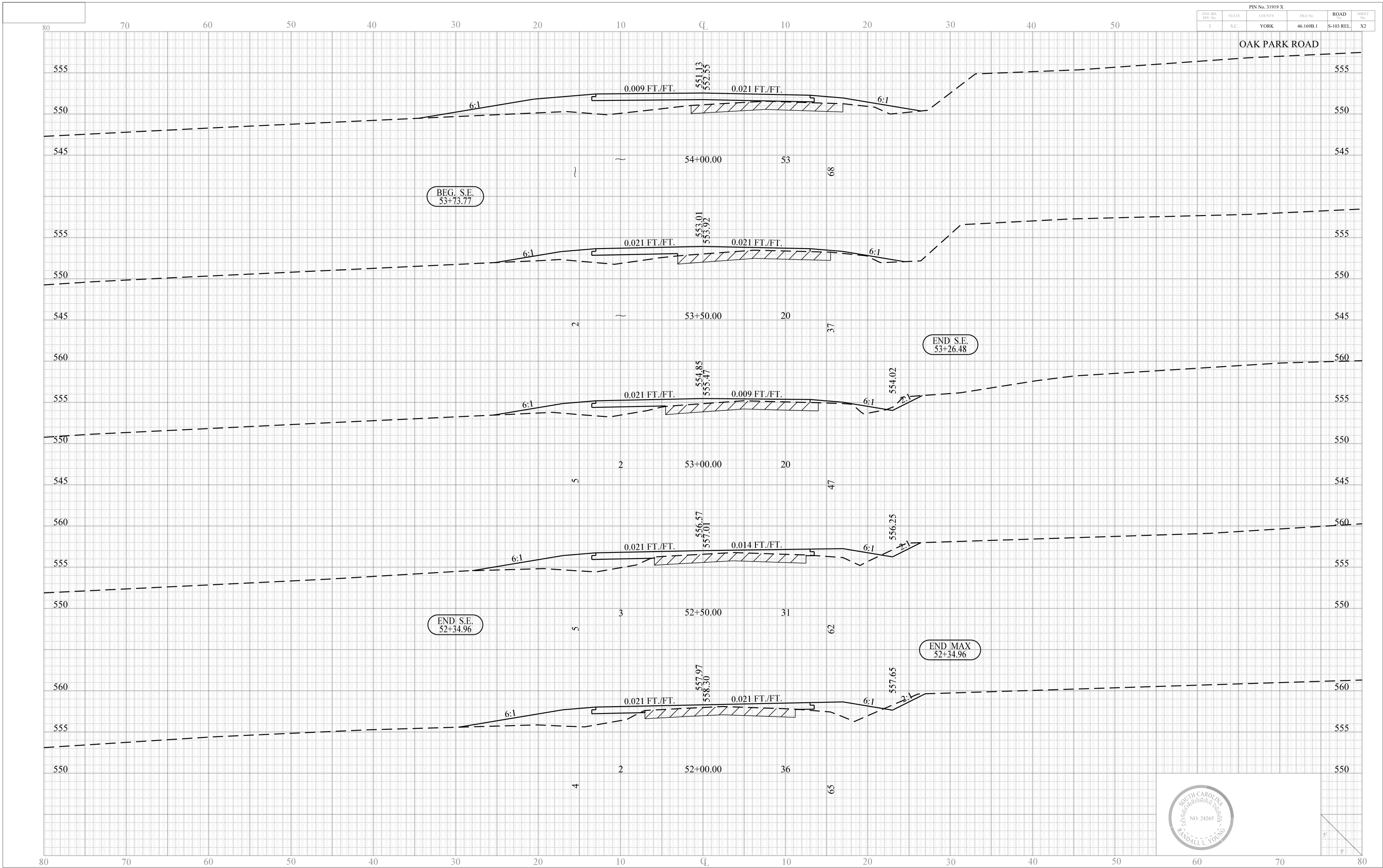
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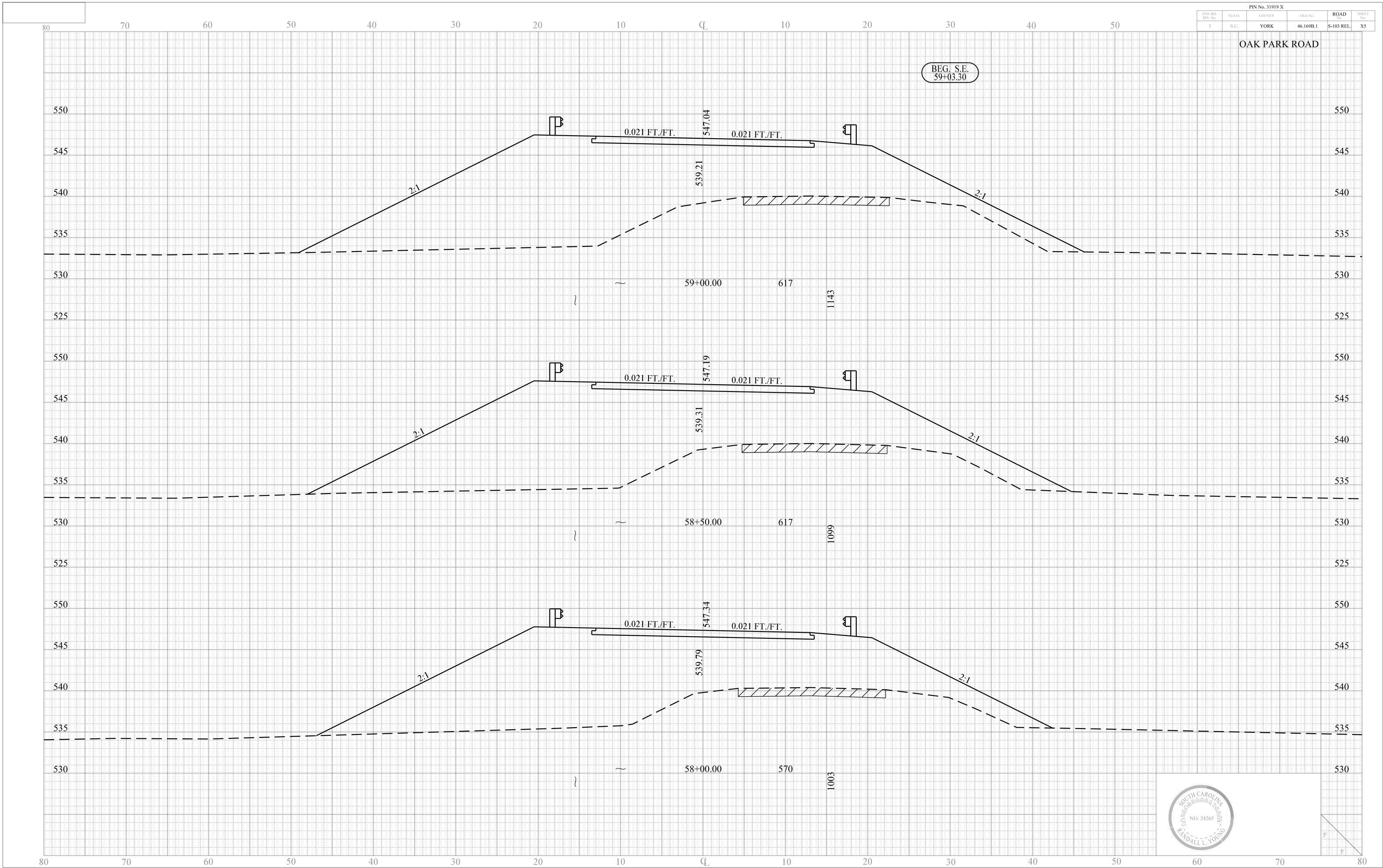
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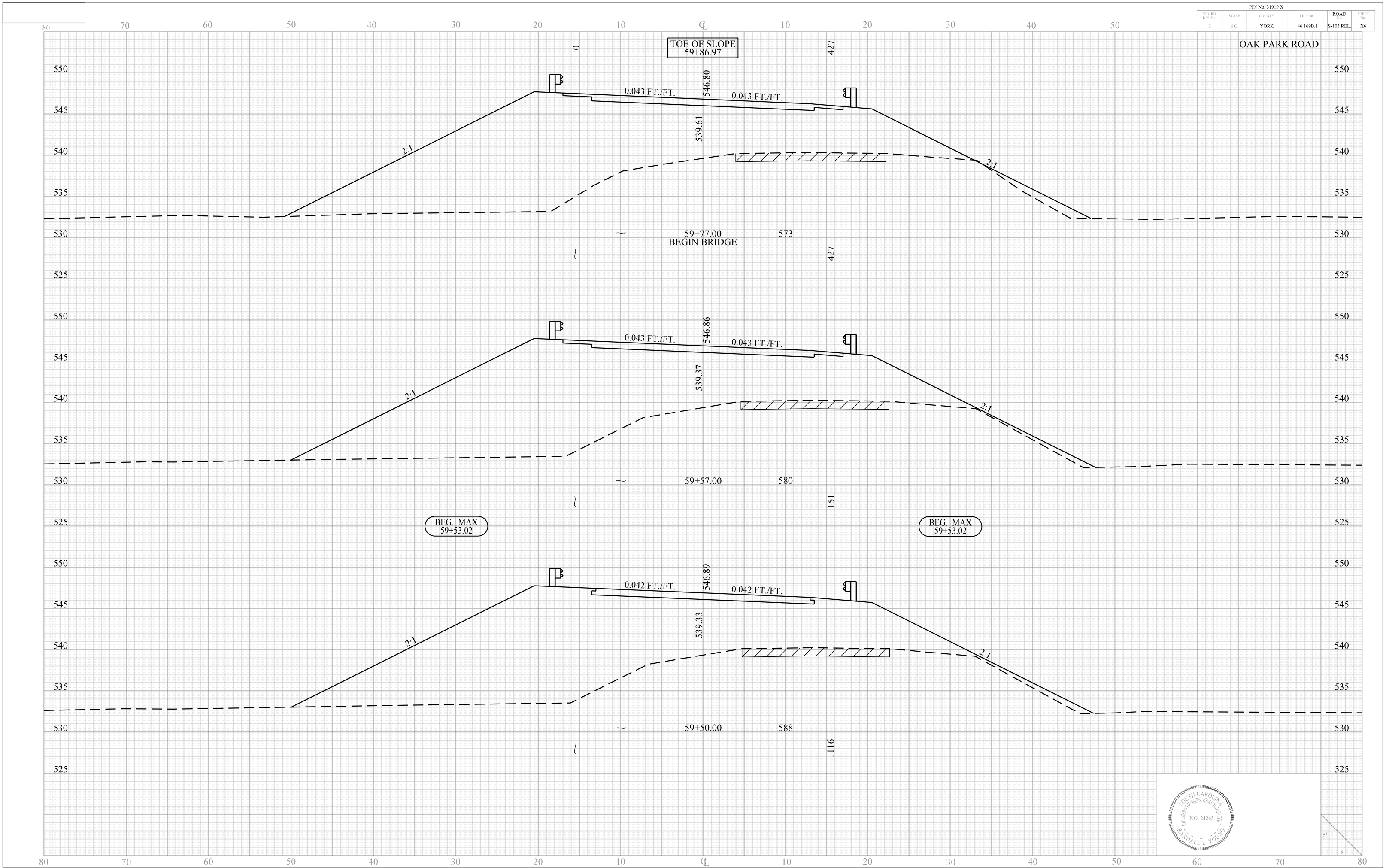
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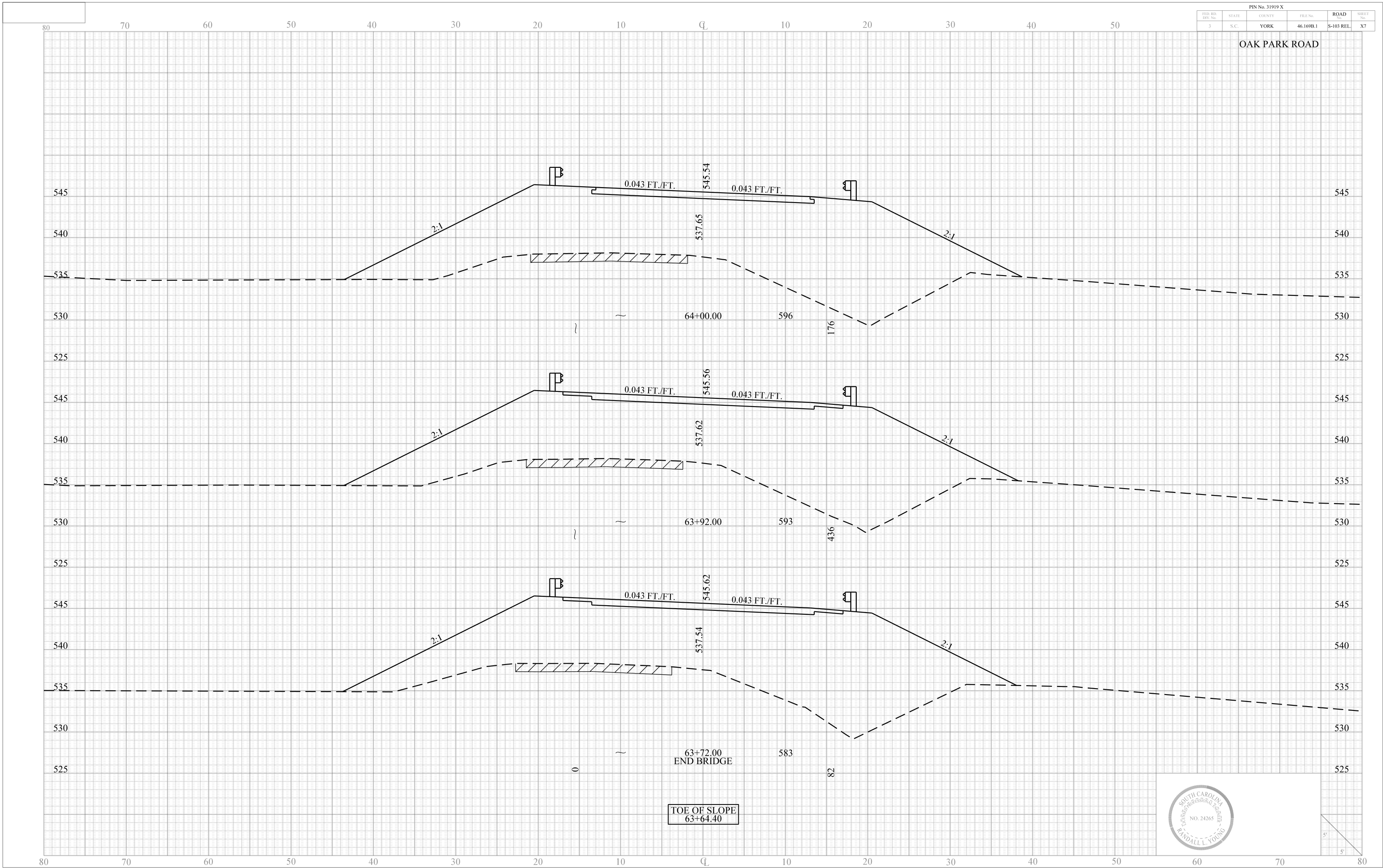
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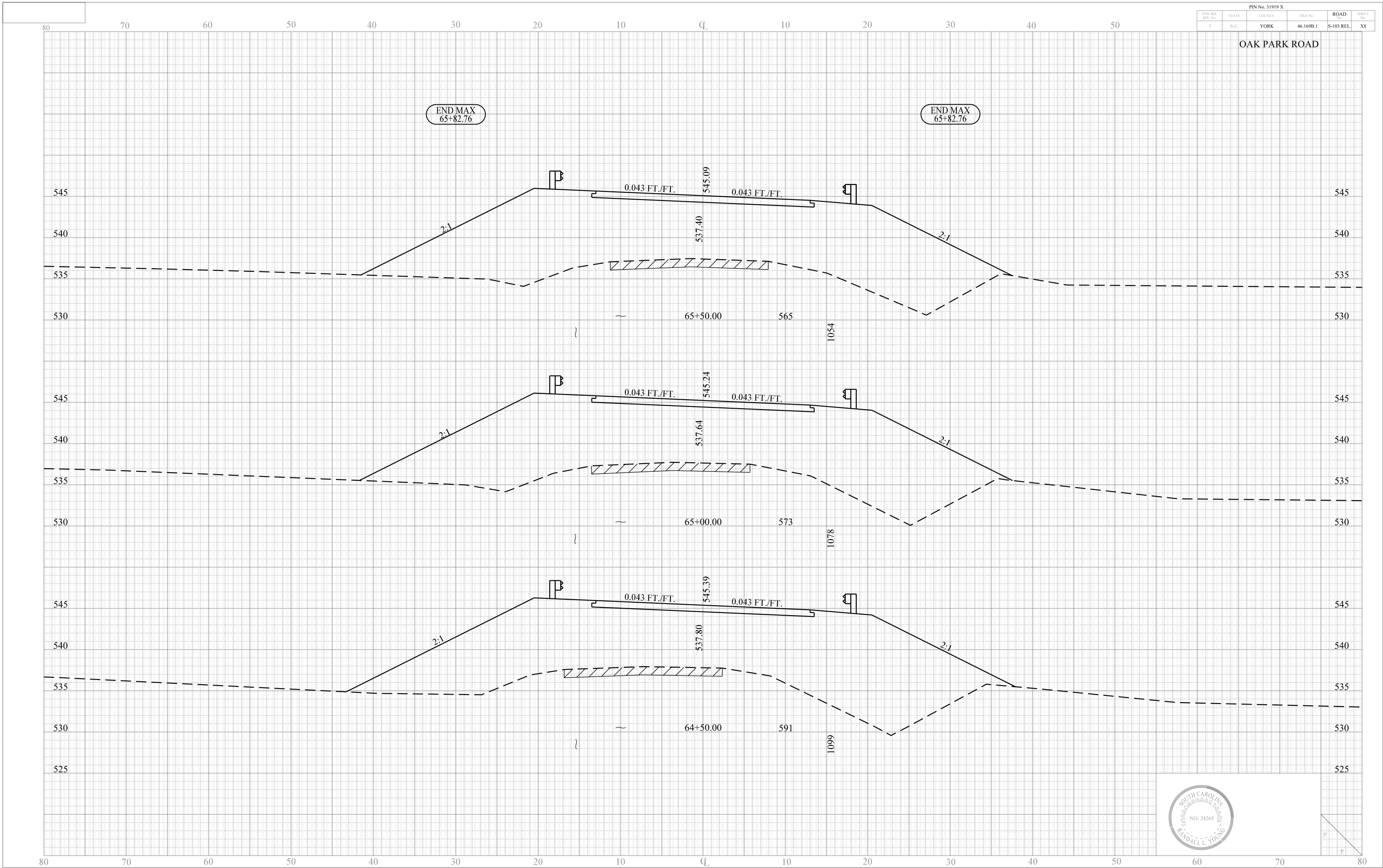
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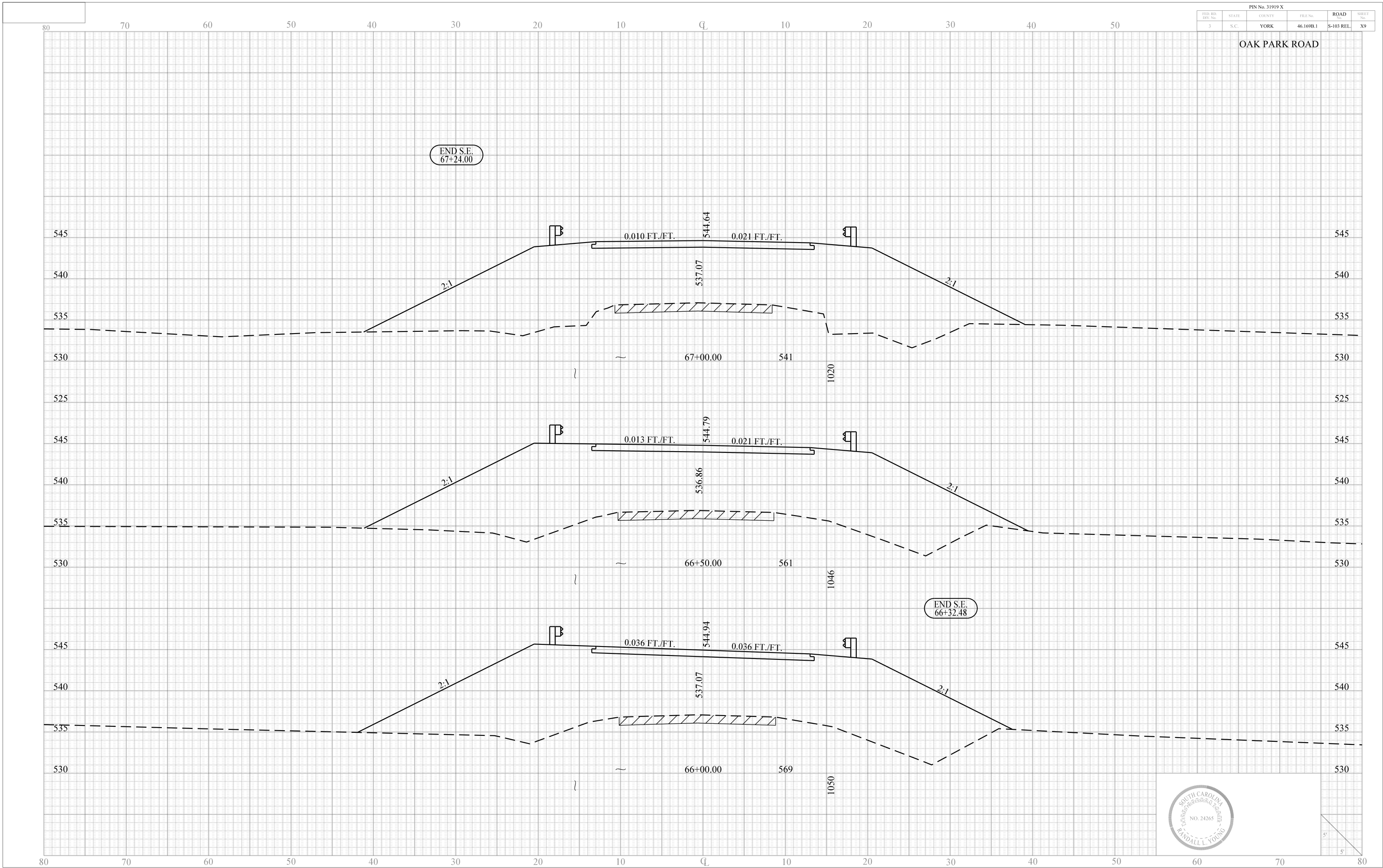
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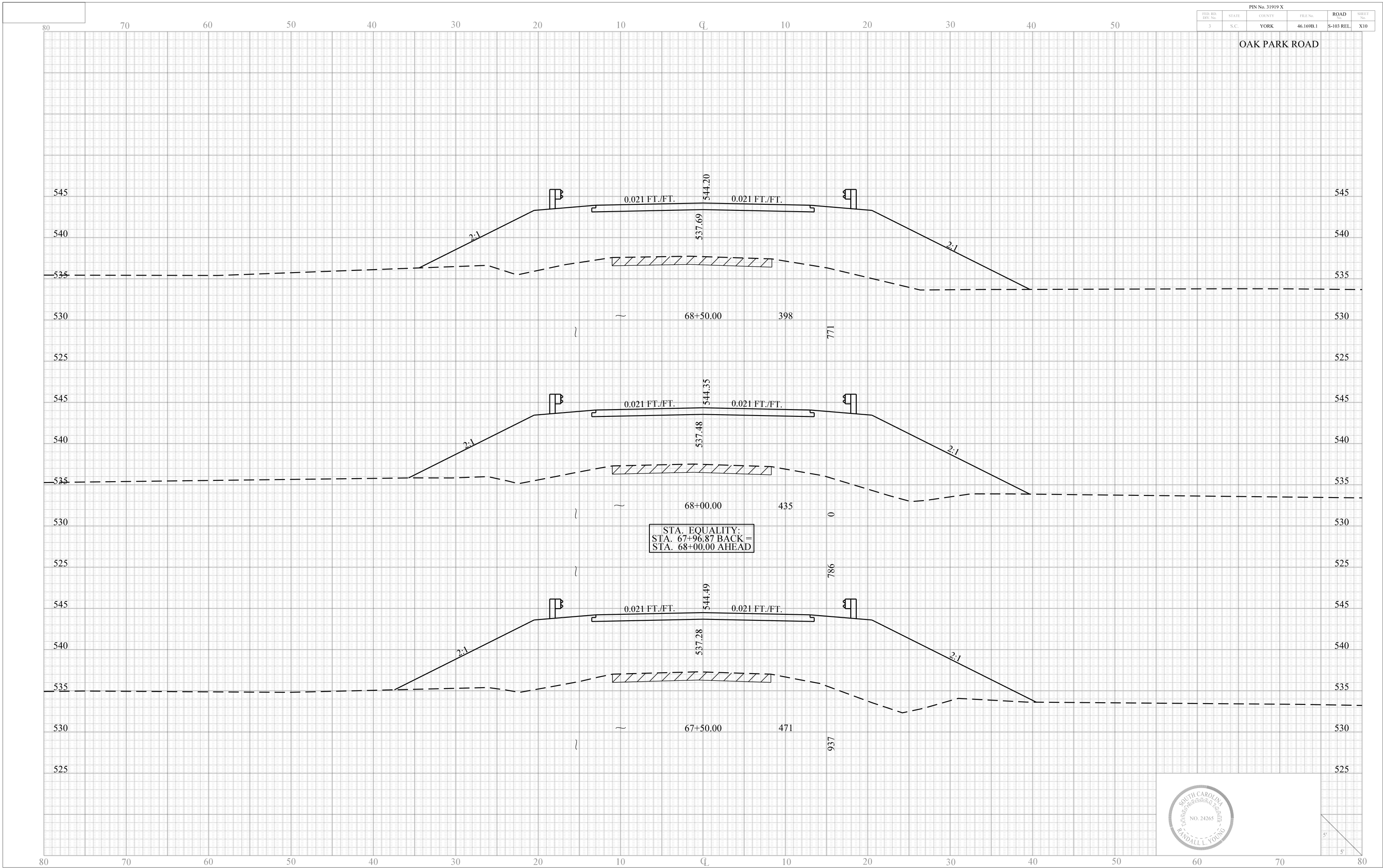
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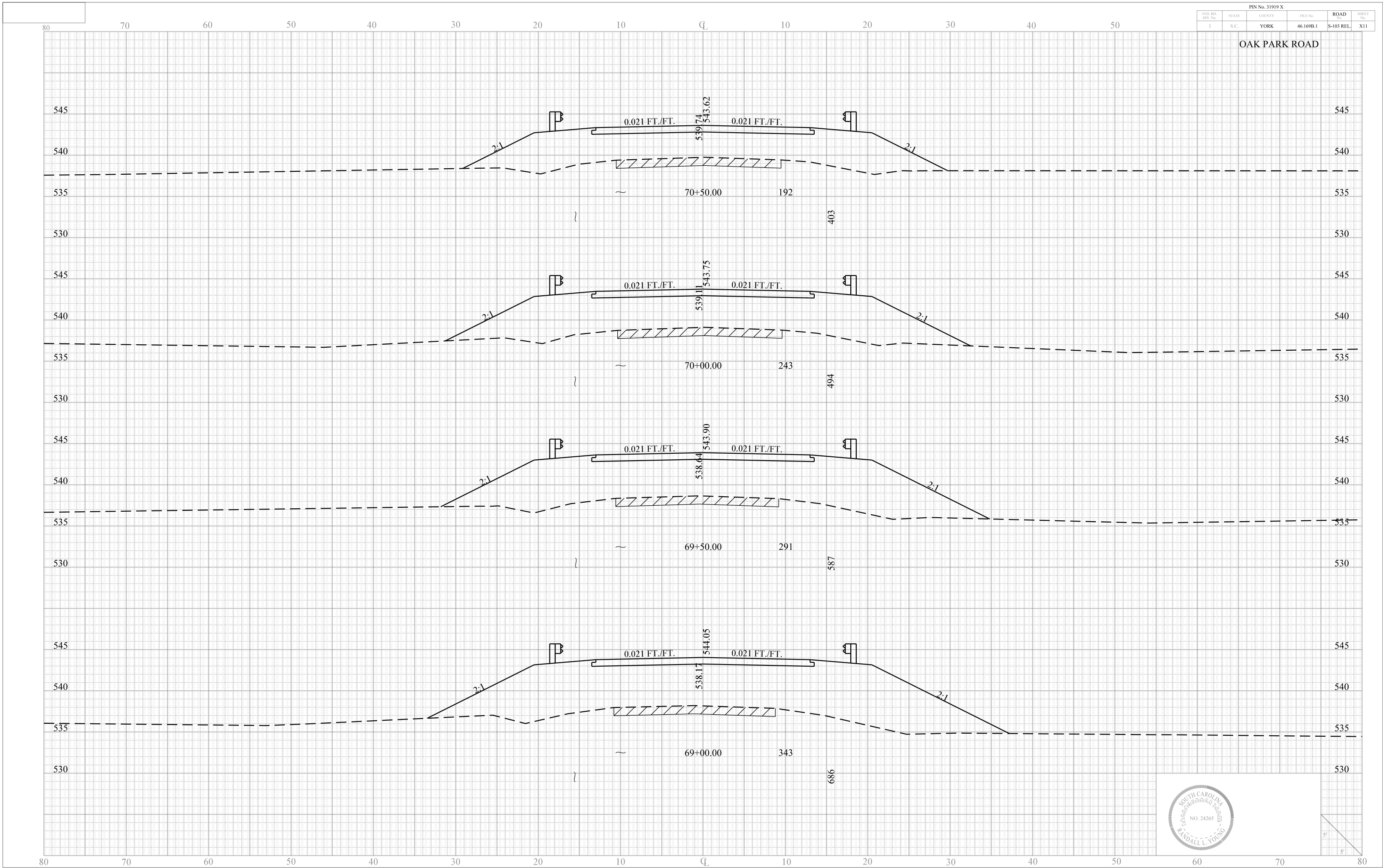
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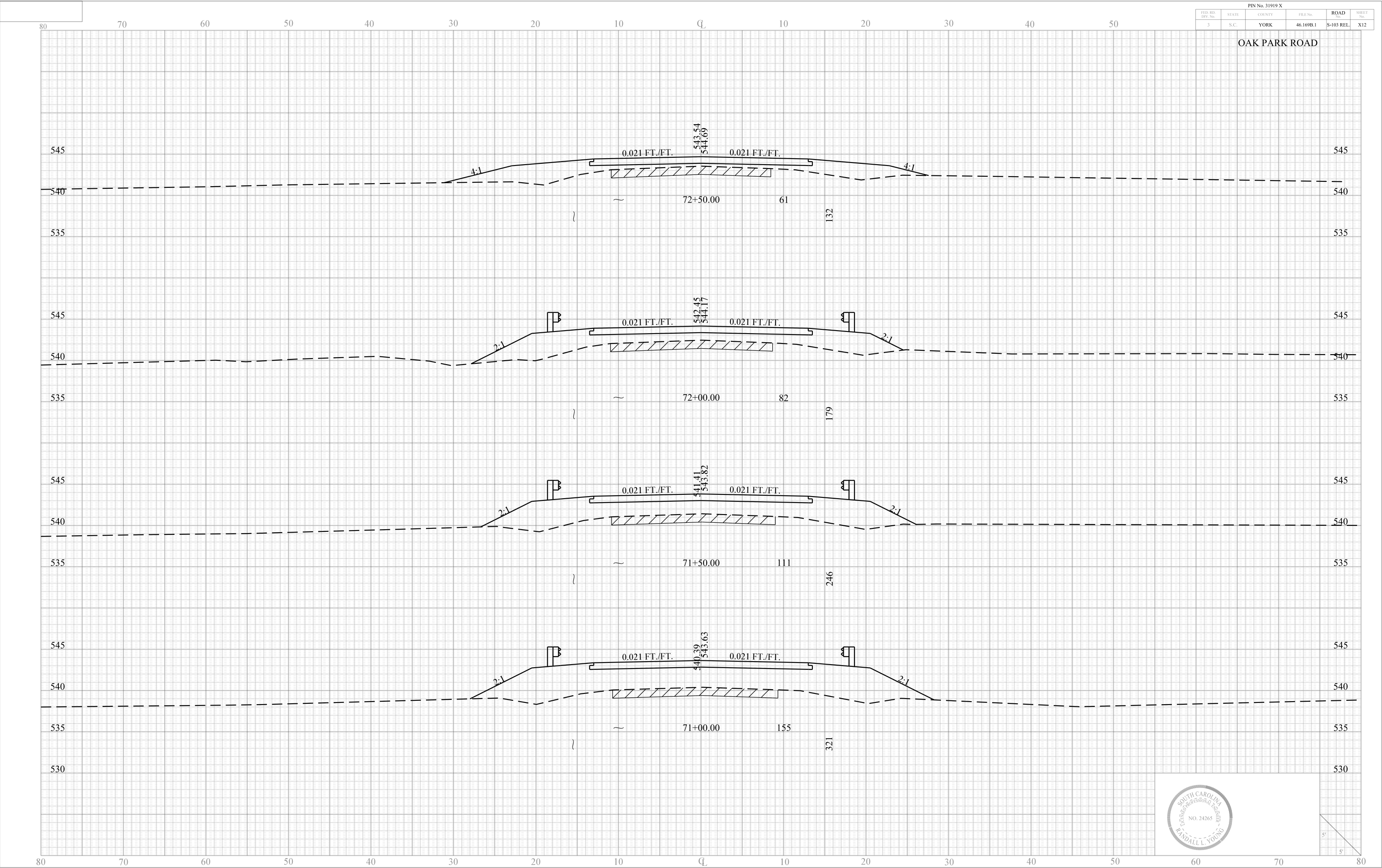


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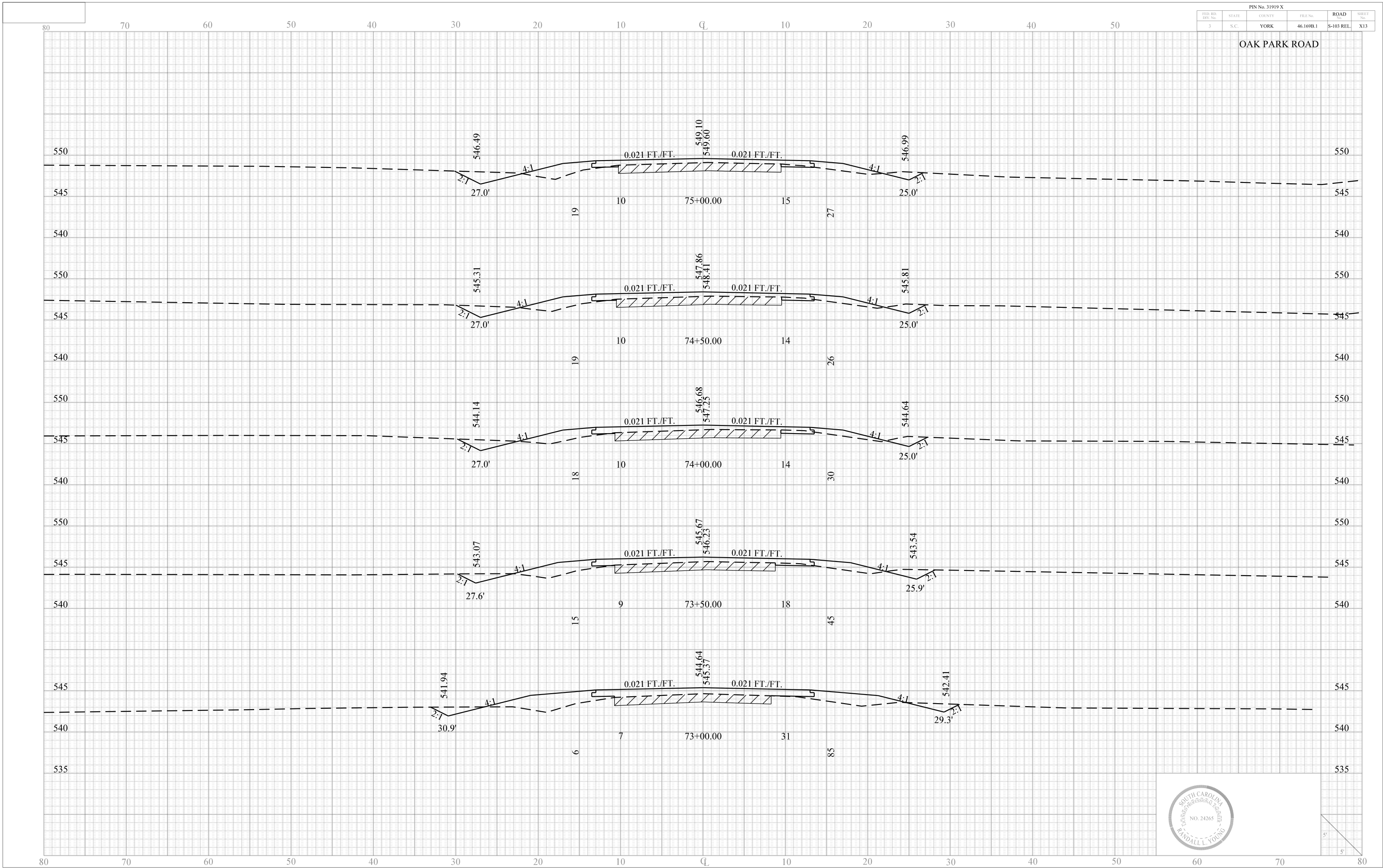
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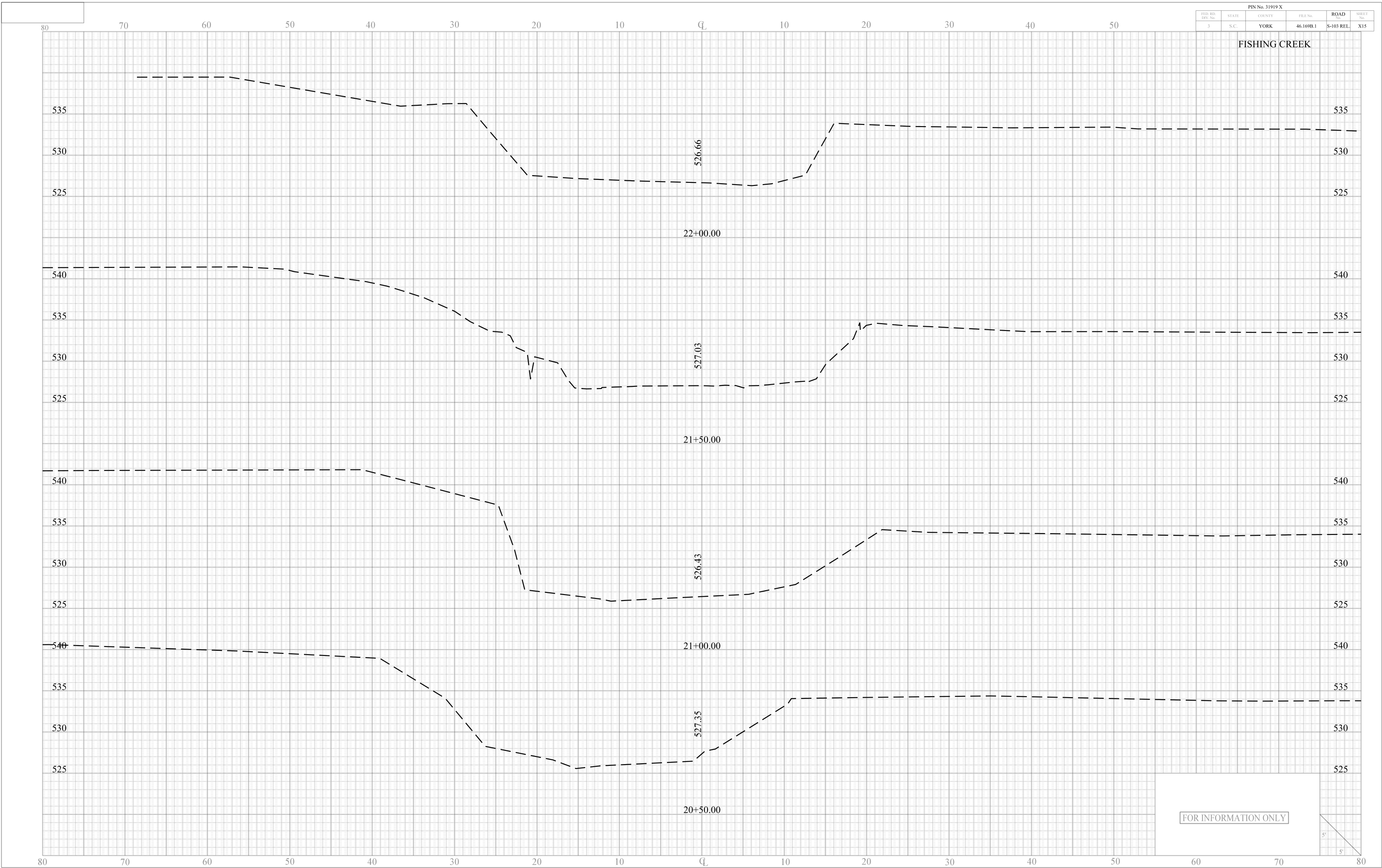
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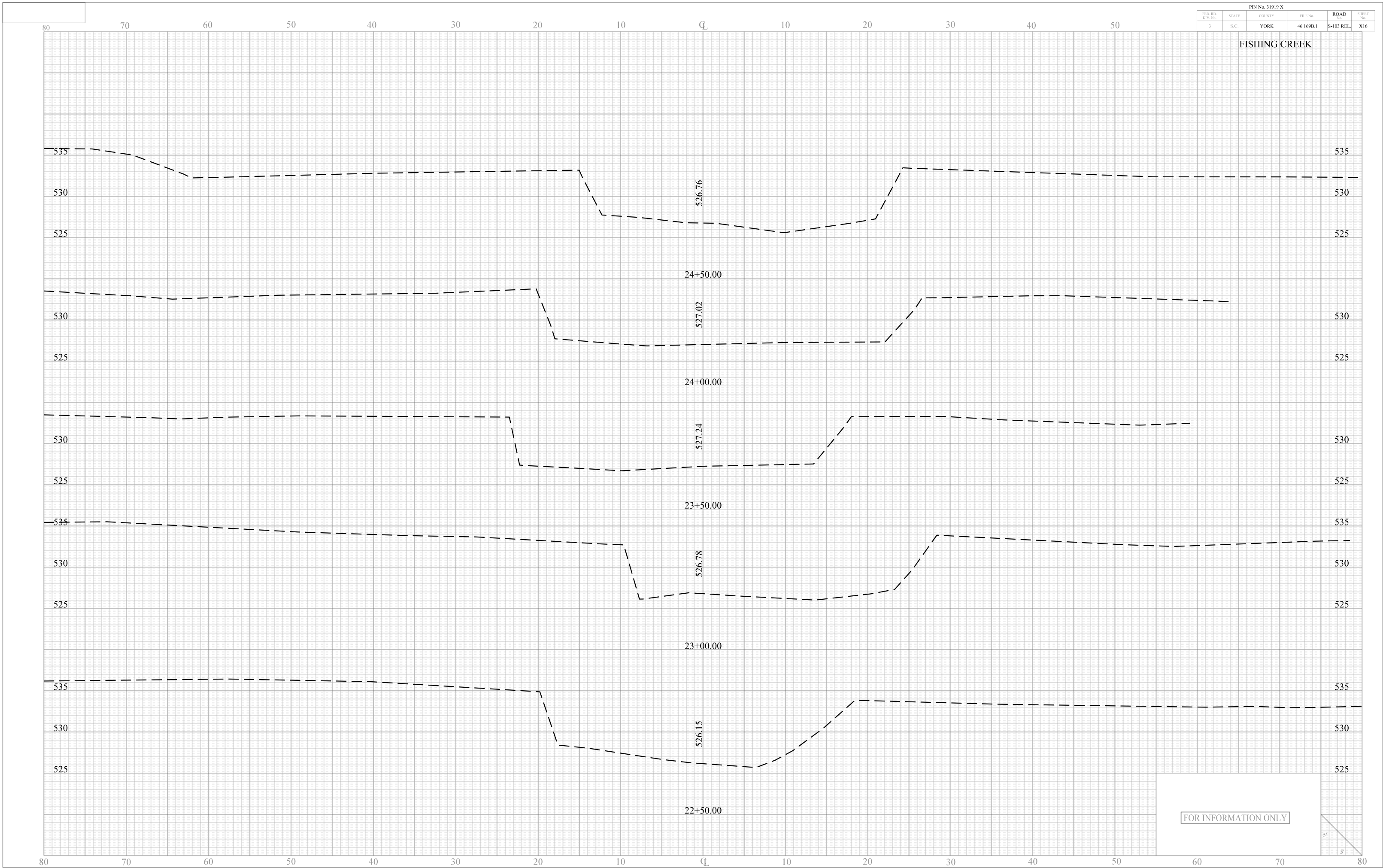
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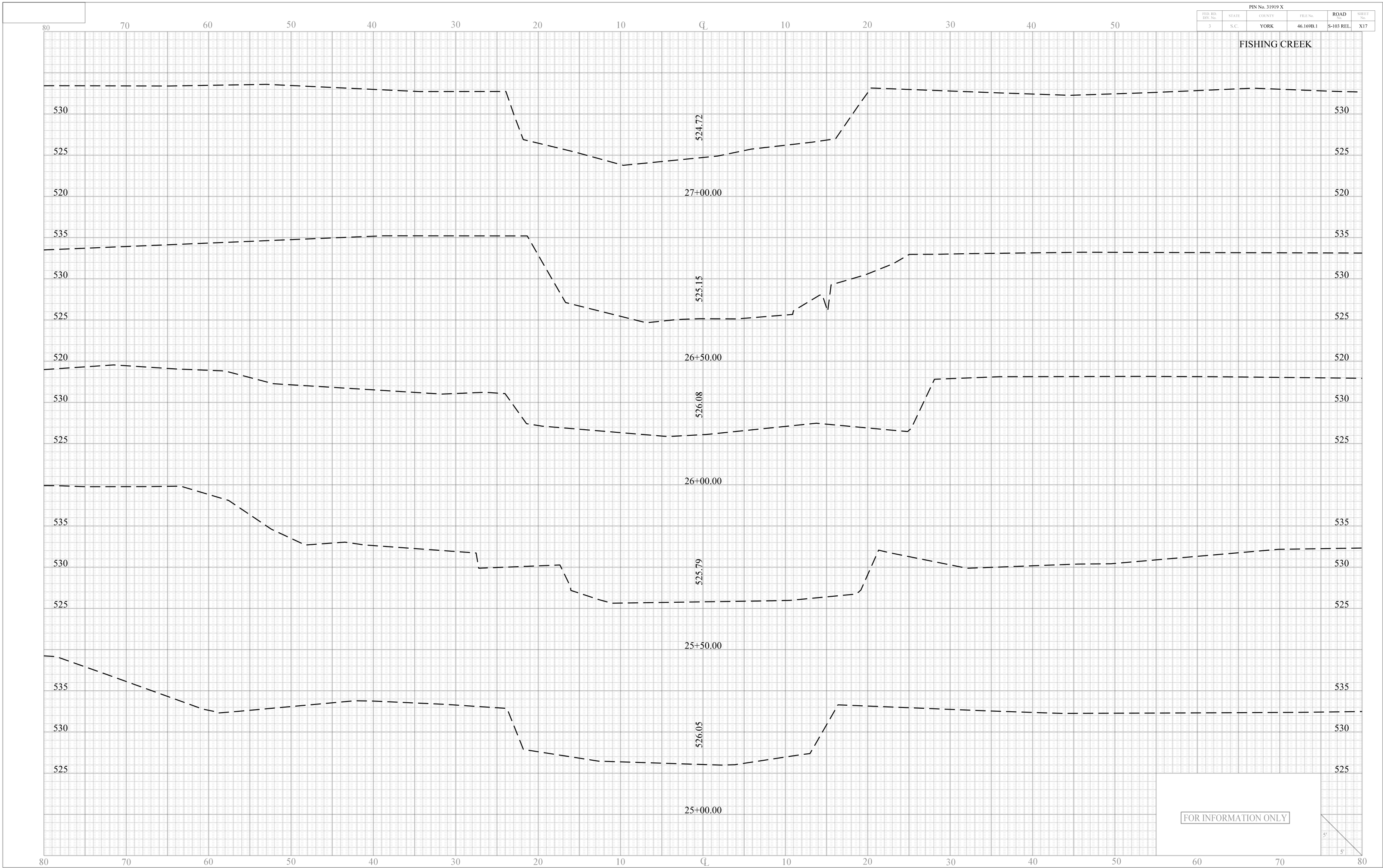
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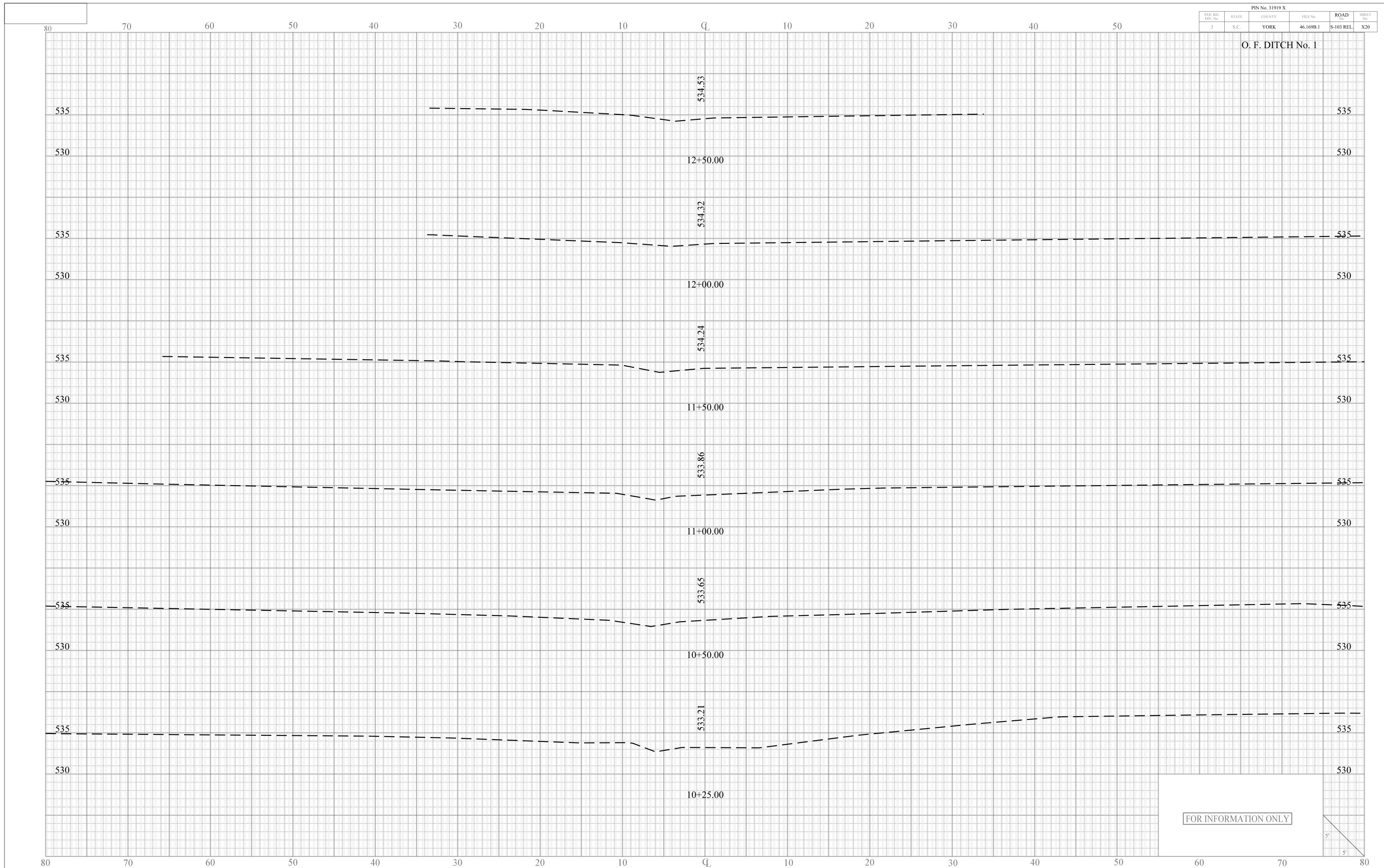
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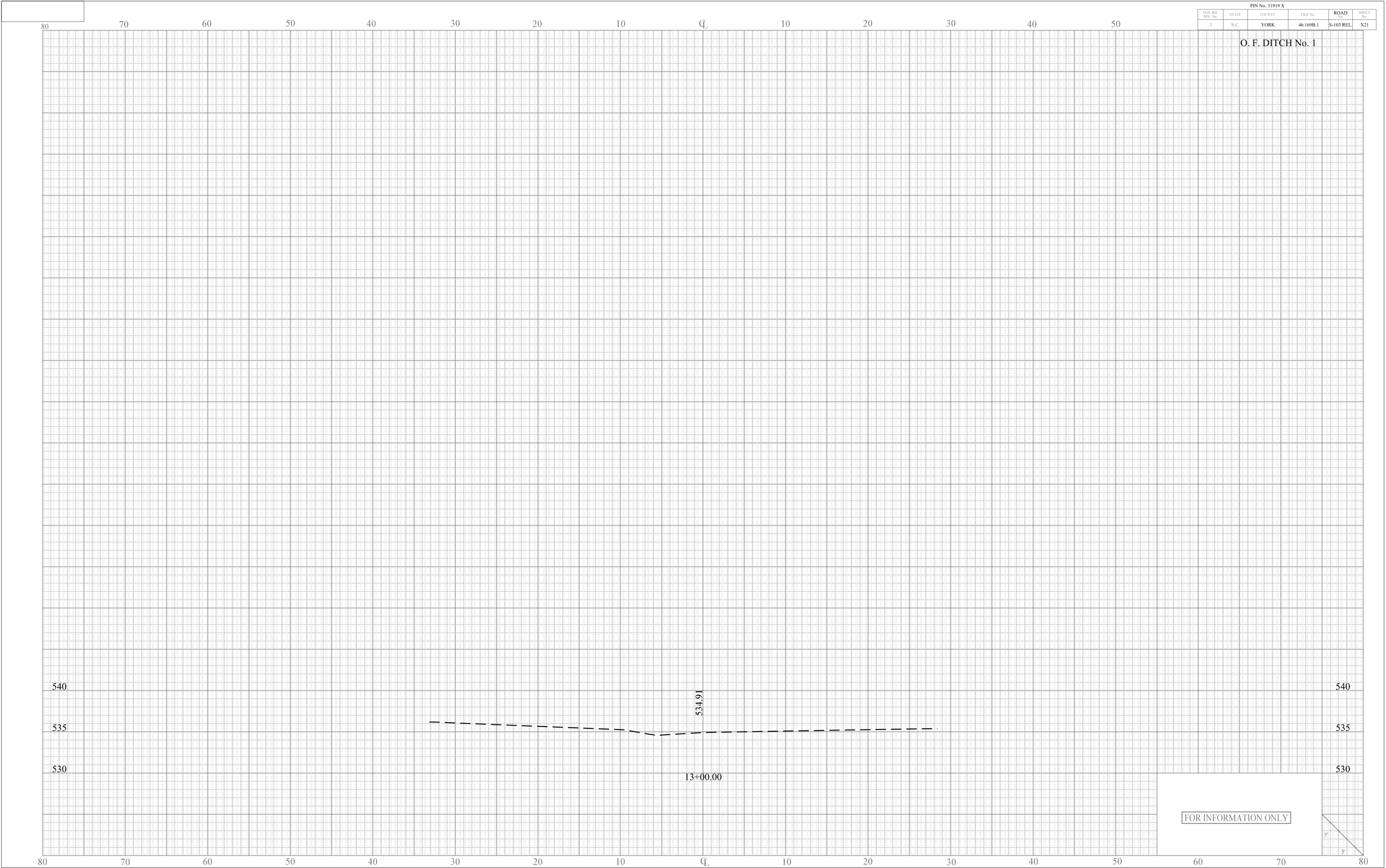
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| FED. RD. DIV. No. | STATE | COUNTY | FILE No. | ROAD No. | SHEET No. |
| 3 | S.C. | YORK | 46.169B.1 | S-103 REL. | X20 |



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| FED. RD. DIV. No. | STATE | COUNTY | FILE No. | ROAD | SHEET No. |
| 3 | S.C. | YORK | 46.169B.1 | S-103 REL. | X21 |

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