PCN NO.	SHEET NO.	TOTAL SHEETS
32045 RD01	1	328

INDEX OF SHEETS

1	TITLE SHEET	1
2	QUANTITIES SHEET	-
3-3K	TYPICAL SECTION	12
4 - 4D	RIGHT-OF-WAY DATA SHEET	5
4E - 4J	PROPERTY STRIP MAP	6
5	GENERAL CONSTRUCTION SHEET	-
5A - 5F	REFERENCE DATA SHEET	6
6 - 28A	PLAN & PROFILE SHEETS	38
D1-D20	DRAINAGE SHEETS	24
EC1	EROSION CONTROL SHEET	-
L1-L13	LANDSCAPING SHEET	13
X1 - X223	CROSS SECTIONS	223
		TOTAL 328

SCDOT

South Carolina Department of Transportation

PROPOSED RIGHT OF WAY PLANS FOR

LEXINGTON COUNTY
PROJ. NO. P042383
COLUMBIA AVENUE (S–32–48) AND NEW ROAD 1 & 2 IMPROVEMENTS
FROM: US–76 CHAPIN ROAD TO: I–26 &
FROM: S–51 AMICK FERRY ROAD
TO: PROPOSED ROUNDABOUT AT E. BOUNDARY ST.

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

Disturbed Area = 39.96 Acre(s)

Permitted Area = 85.98 Acre(s)

Approximate Location of Roadway is

Begin
Latitude 34°10'03" N
Longitude 81°21'04" W

End
Latitude 34°10'50" N
Longitude 81°19'08" W

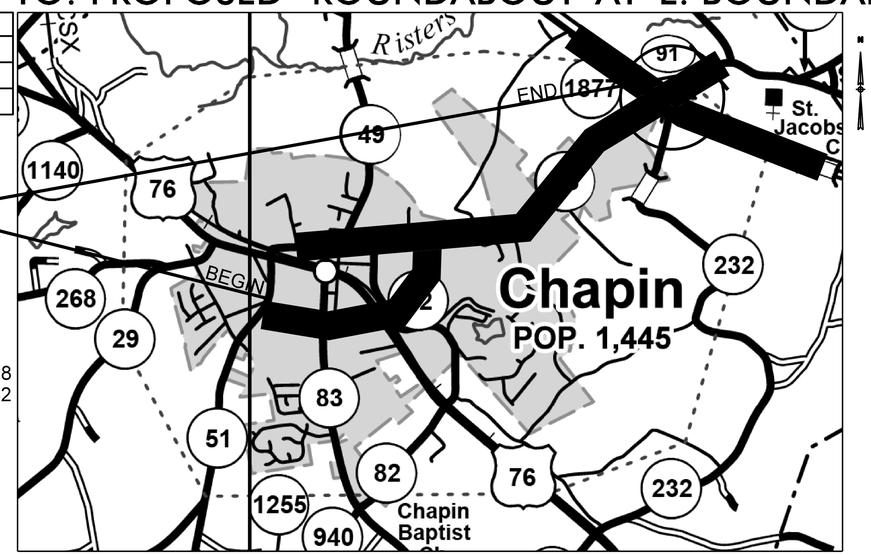
Hydraulic and NPDES Design provided by:

Designs may be obtained from the SCDOT Regional Production Group

BRIDGE PLANS BOUND UNDER SEPARATE COVER

BRIDGE NO.	STATION TO STATION	LENGTH	WIDTH	TYPE
1				
2				
3				

FILE: P042383
SEE SHEETS 6 - 28A
S-32-48 (COLUMBIA AVENUE)
BEGIN STA. 100+50.00 TO END STA. 212+50.00
NEW 185 LF CONCRETE BRIDGE CONSTRUCTED
FROM -S48- STA. 197+34.73 TO STA. 199+19.18
NEW 80 LF BRIDGE ON CROOKED CREEK
FROM -CC- STA. 20+35.00 TO 21+15.00
NEW ROAD 1 BEGIN STA. 400+20.75 TO END STA. 443+67.78
NEW ROAD 2 BEGIN STA. 900+49.00 TO END STA. 921+87.82



LEXINGTON COUNTY

LAYOUT

SCALE = NTS

SCDOT REVIEW	RIGHT-OF-WAY INITIAL	RIGHT-OF-WAY DATE	CONSTRUCTION INITIAL	CONSTRUCTION DATE
PRECONSTRUCTION SUPPORT - ROAD				
PRECONSTRUCTION SUPPORT - STRUCTURES				
RPG - DESIGN MANAGER				
RPG - PROGRAM MANAGER				

THE INITIALS ABOVE DO NOT RELIEVE THE ENGINEER OF RECORD OF THE RESPONSIBILITY TO DESIGN THIS PROJECT IN ACCORDANCE WITH ALL APPLICABLE CRITERIA.

ENVIRONMENTAL PERMIT INFORMATION

USACE PERMIT	X YES	___NO
NEPA DOCUMENT	X YES	___NO
401 CERTIFICATION	X YES	___NO
OCRM CAP	___YES	X NO

NAVIGABLE WATERS
X SC ___USCG ___USACE ___N/A

	S-48	NR1	NR1	SIDE ROADS	TOTAL	
NET LENGTH OF ROADWAY	3.039	0.823	0.405	1.990	6.257	MILES
NET LENGTH OF BRIDGES	0.035	0.000	0.000	0.010	0.045	MILES
NET LENGTH OF PROJECT	3.074	0.823	0.405	2.000	6.302	MILES
LENGTH OF EXCEPTIONS	0.000	0.000	0.000	0.000	0.000	MILES
GROSS LENGTH OF PROJECT	3.074	0.823	0.405	2.000	6.302	MILES

EQUALITIES IN STATIONING = NONE

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.

For Right Of Way Acquisition:

Zack Haney, PE
Consultant Engineer of Record — Date

John Boylston, PE
Regional Production Engineer — Date

RAILROAD INVOLVEMENT?
(YES) NO

TRAFFIC DATA

2020 ADT 15,260

2040 ADT 24,490

TRUCKS 6 %

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

CONSULTING ENGINEERING TEAM

Mead & Hunt

AECOM

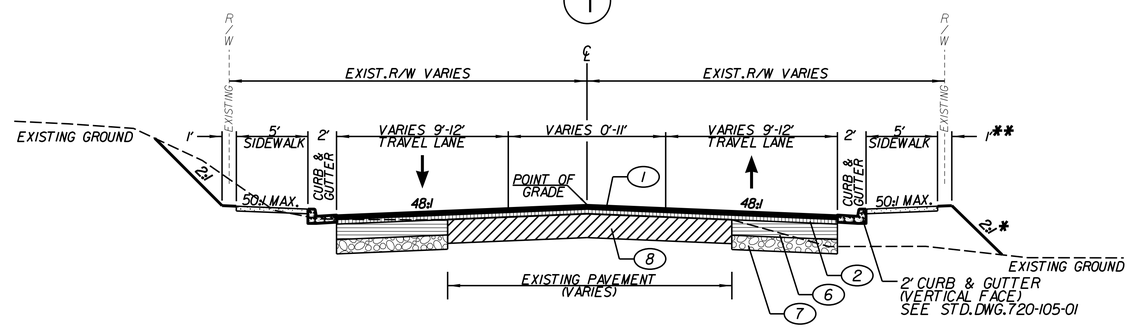
ENGINEER OF RECORD

FOR CONSTRUCTION: _____ DATE

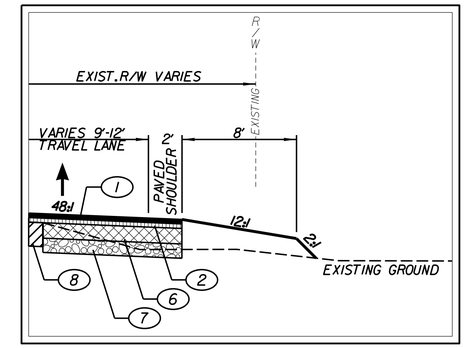
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

1

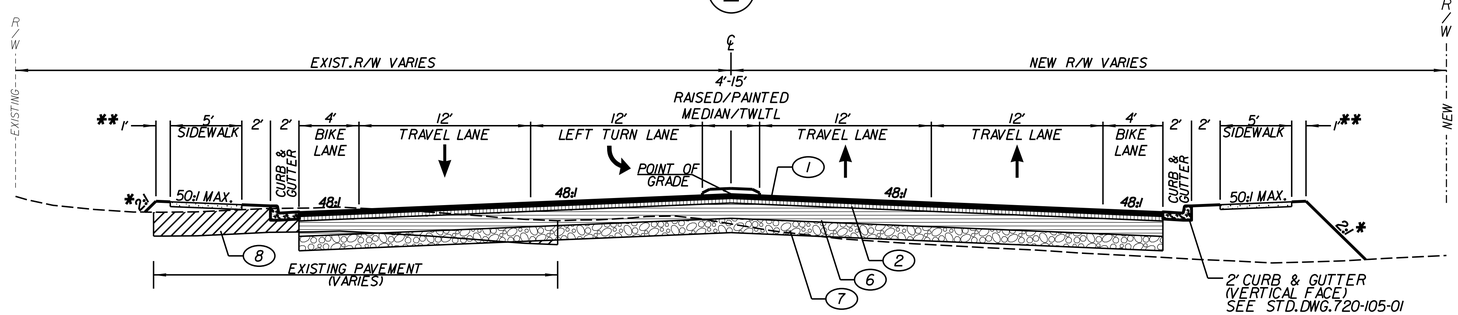


USE THIS SECTION ON COLUMBIA AVE.(S-48)
STA.100+50.00 TO STA.118+75.00



USE THIS SECTION ON COLUMBIA AVE.S-48
STA.100+50.00 TO STA.103+00.00 RT

2



USE THIS SECTION ON COLUMBIA AVE.(S-48)
STA.STA.118+75.00 TO STA.126+75.00

FUNCTIONAL CLASSIFICATION:
S-48 COLUMBIA AVE.- MINOR ARTERIAL

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP.
FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE A
GREATER THAN 6" - USE 8" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6" WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

DITCH SLOPES 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 PLACED FARTHER FROM THE C/L CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
S-48	40	100+50.00	212+50.00

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. DATE

CKD. DATE

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

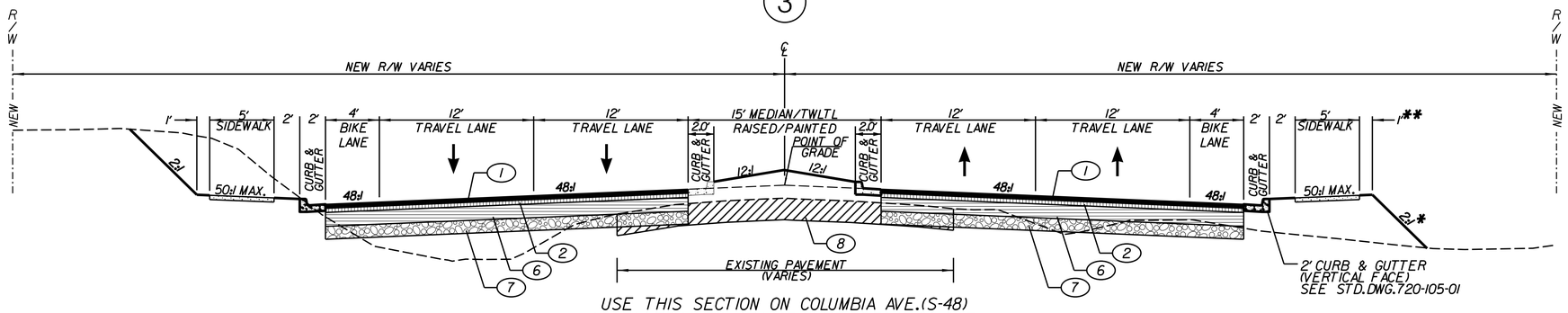
SCALE: 1" = NTS

SHEET 3

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3A

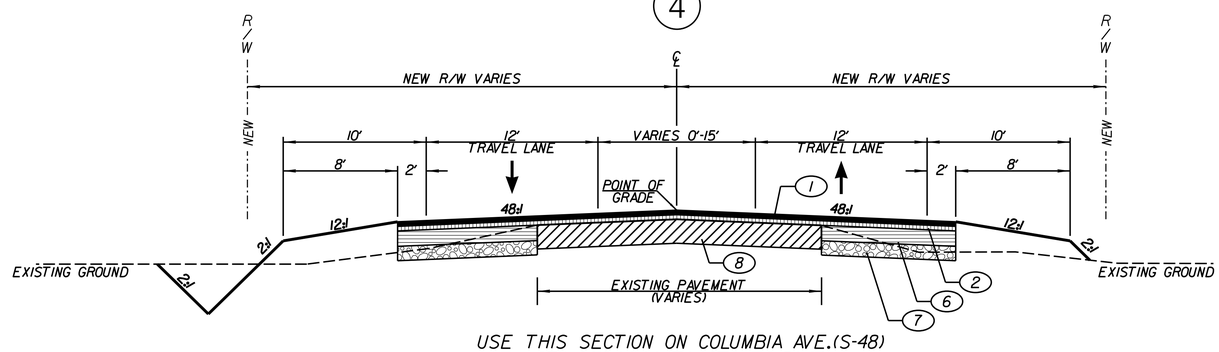
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

3



USE THIS SECTION ON COLUMBIA AVE.(S-48)
STA.126+75.00 TO STA.197+34.73 (BEGIN BRIDGE)
STA.199+19.18 (END BRIDGE) STA. TO STA.206+00.00

4



USE THIS SECTION ON COLUMBIA AVE.(S-48)
STA.206+00.00 TO STA.212+50.00

FUNCTIONAL CLASSIFICATION:
S-48 COLUMBIA AVE.- MINOR ARTERIAL

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP.
FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE A
GREATER THAN 6" - USE 8" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6' WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

DITCH SLOPES 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 PLACED FARTHER FROM THE C/L CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
S-48	40	100+50.00	212+50.00

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. ____ DATE ____
CKD. ____ DATE ____
FILE $FILE$
$DATE$ $TIME$

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

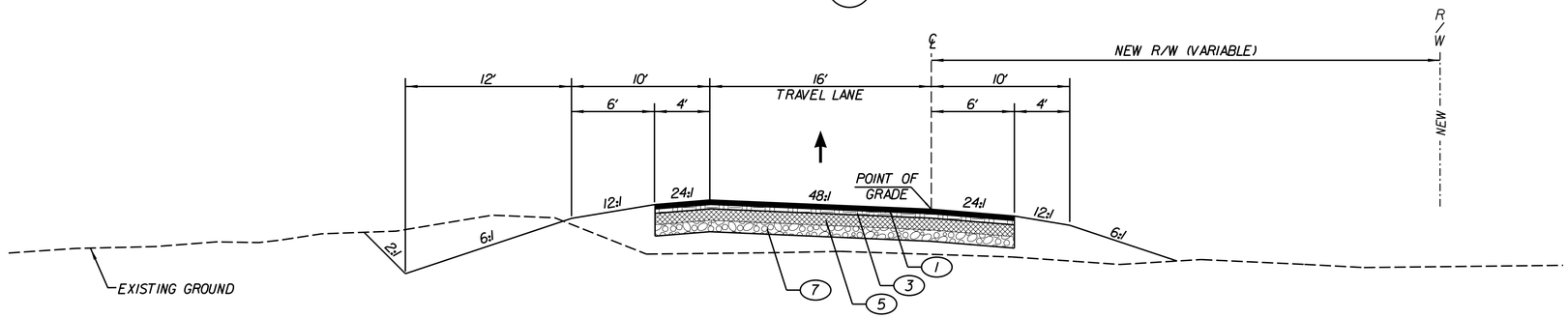
SCALE: 1" = NTS

SHEET 3A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3B

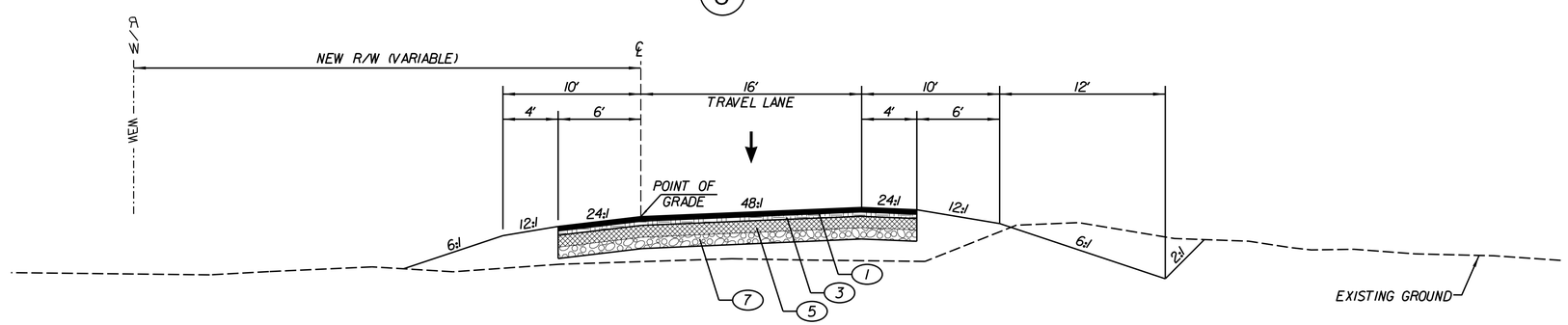
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

5



USE THIS SECTION ON
RAMP A FROM STA.1102+00.00 TO STA.1112+33.21
RAMP B FROM STA.1111+27.73 TO STA.1122+73.44

6



USE THIS SECTION ON
RAMP C FROM STA.1113+62.24 TO STA.1123+49.10
RAMP D FROM STA.1097+44.29 TO STA.1114+22.47

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

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ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

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SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED.
SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP.
FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
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- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
RMP A	N/A	1102+00.00	1112+33.21
RMP B	N/A	1111+27.73	1122+73.44
RMP C	N/A	1113+62.24	1123+49.10
RMP D	N/A	1097+44.29	1114+22.47

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. DATE

CKD. DATE

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

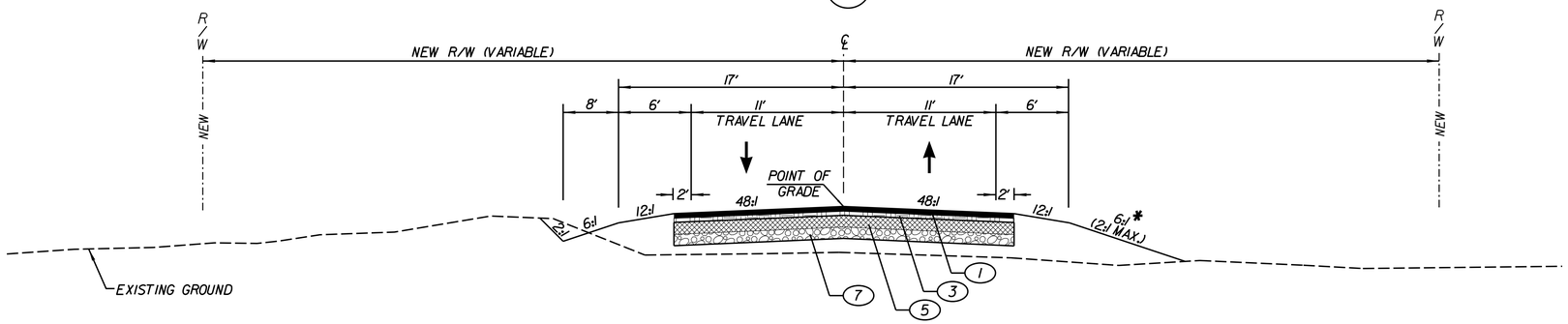
SCALE: 1" = NTS

SHEET 3B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3C

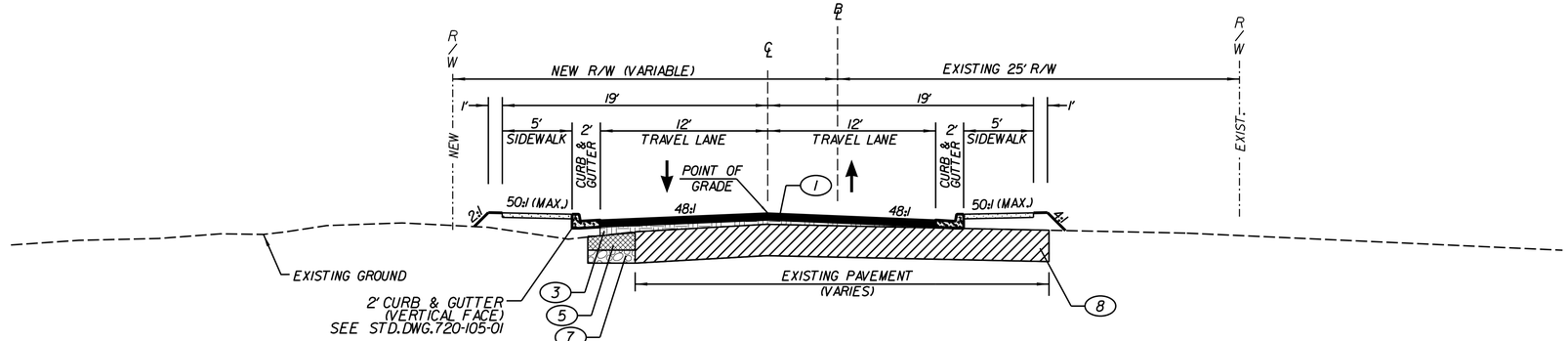
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

7



USE THIS SECTION ON CROOKED CREEK ROAD (S-232) (GROUP 1)
FROM STA. 10+31.87 TO STA. 22+96.25

8



USE THIS SECTION ON LEXINGTON AVE. (S-83) (GROUP 1)
FROM STA. 10+16.82 TO STA. 12+35.00

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

DITCH SLOPES 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 PLACED FARTHER FROM THE ℄ CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

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PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP. FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6" WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
-CC-	40	10+31.87	22+96.25
S-83	20	10+16.82	12+35.00

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. DATE

CKD. DATE

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

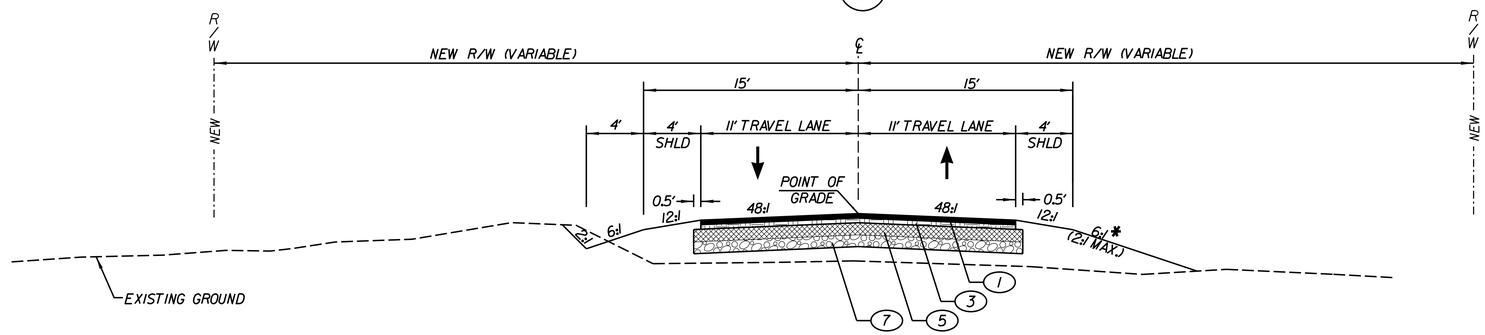
SCALE: 1" = NTS

SHEET 3C

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3D

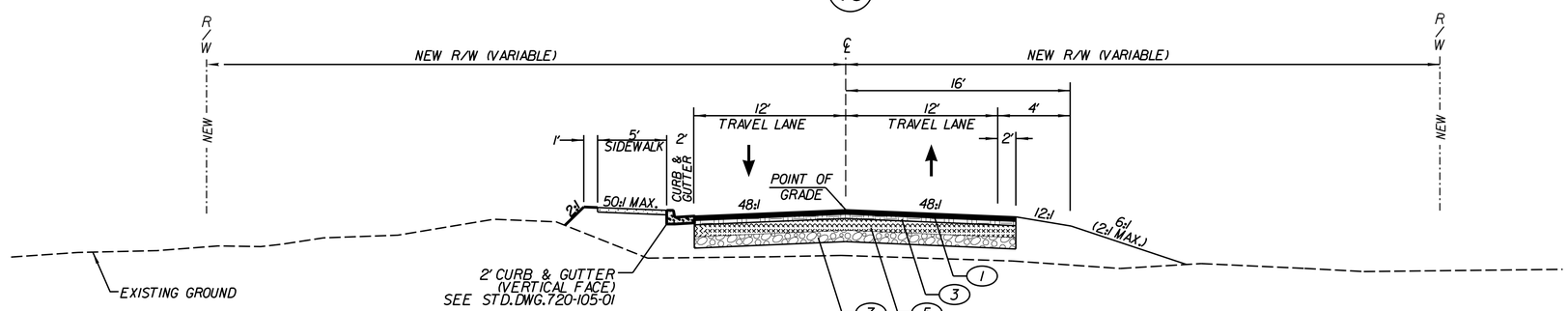
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

9



USE THIS SECTION ON NEW FRONTAGE ROAD 3 (-FR3-) (GROUP 1)
FROM STA.10+12.00 TO STA.13+98.00

10



USE THIS SECTION ON PEAK STREET (S-49) (GROUP 1)
FROM STA.10+17.50 TO STA.15+00.00
& ON E.BOUNDARY STREET (S-82) (GROUP 1)
FROM STA.10+12.00 TO STA.11+14.00

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP. FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6' WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

DITCH SLOPES 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 PLACED FARTHER FROM THE C/L CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
-FR3-	20	10+12.00	13+98.00
S-49 (PEAK)	20	10+17.50	15+00.00
S-82	20	10+12.00	11+14.00

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. ____ DATE _____

CKD. ____ DATE _____

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

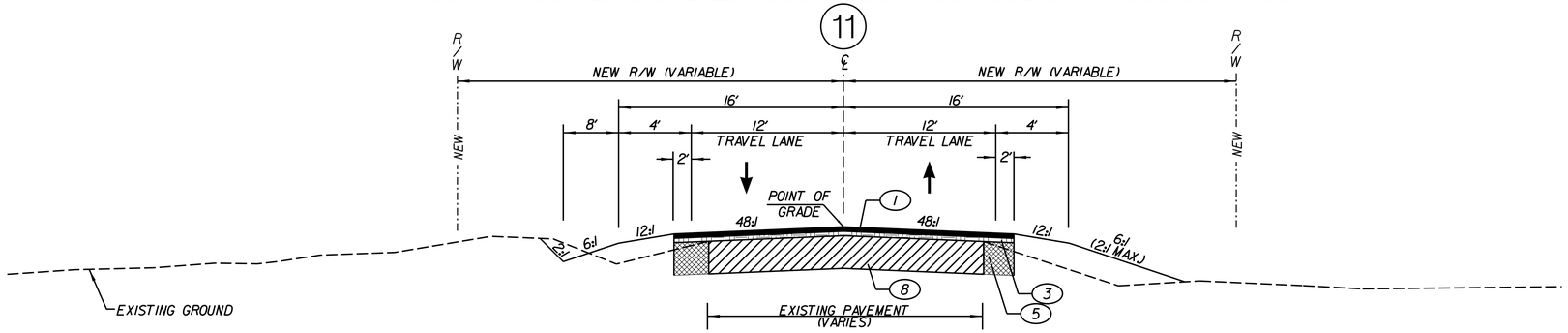
TYPICAL SECTIONS

SCALE: 1" = NTS

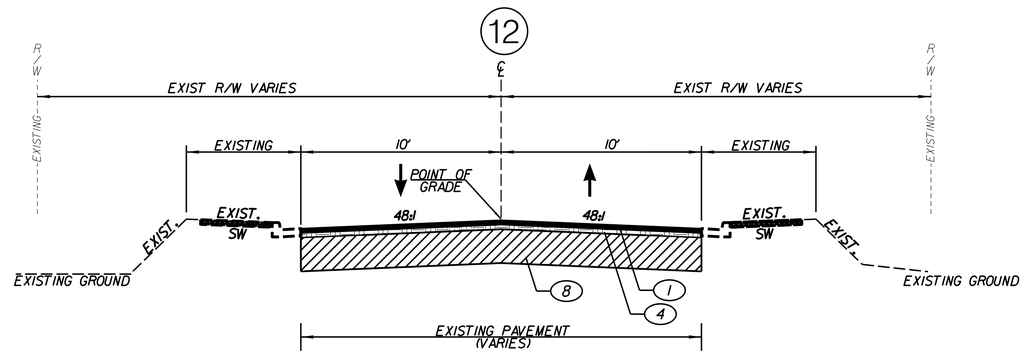
SHEET 3D

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3E

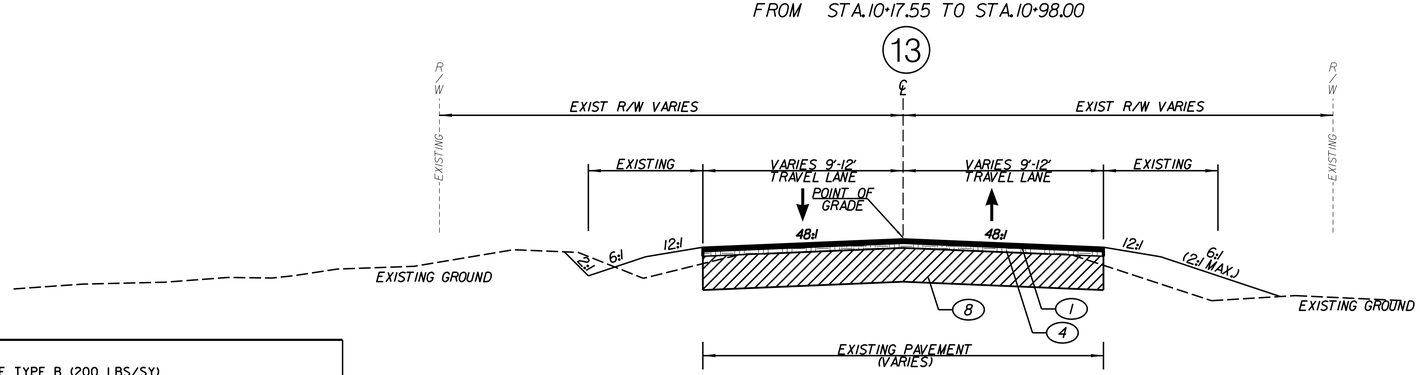
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



USE THIS SECTION ON PEAK STREET (S-49)(GROUP 1)
FROM STA.15+00.00 TO STA.15+25.00



USE THIS SECTION ON -CS- CLARK STREET (S-49)(GROUP 1)
FROM STA.10+17.55 TO STA.10+98.00



USE THIS SECTION ON -WR2- WOODTHRUSH ROAD (GROUP 1)
FROM STA.10+31.41 TO STA.12+73.75

DITCH SLOPES 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 PLACED FARTHER FROM THE ℄ CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP. FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6" WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

RTE.	DESIGN SPEED MPH	FROM STA.	TO STA.
S-49 (PEAK)	20	10+17.50	15+25.00
S-49 (CLARK)	20	10+17.55	10+98.00
-WR2-	20	10+31.41	12+73.75

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. ____ DATE _____
CKD. ____ DATE _____
FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

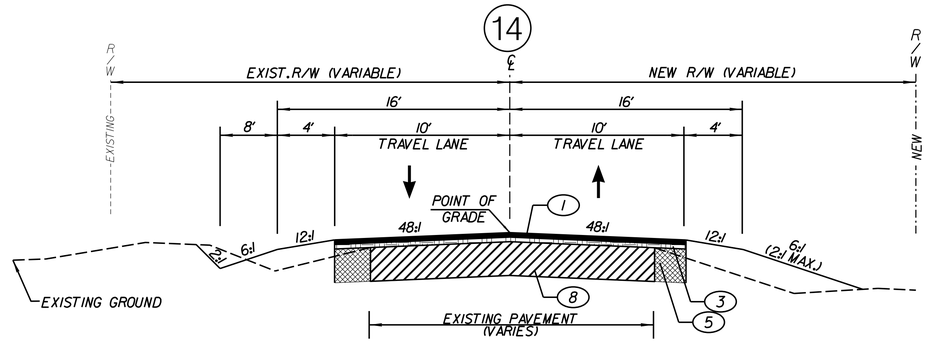
TYPICAL SECTIONS

SCALE: 1" = NTS

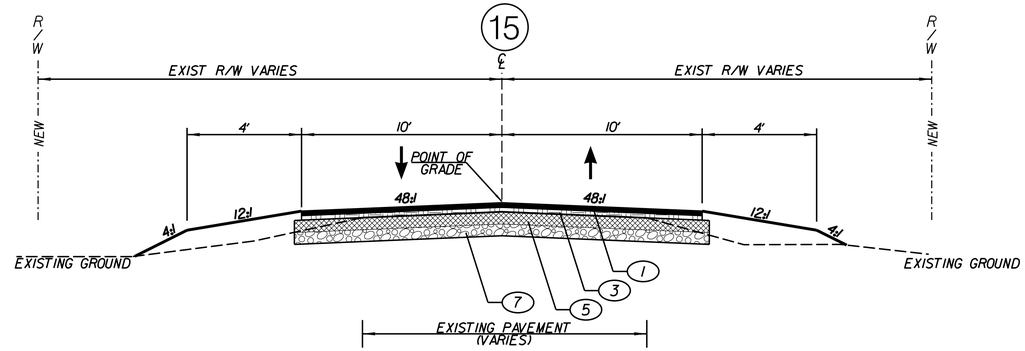
SHEET 3E

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3F

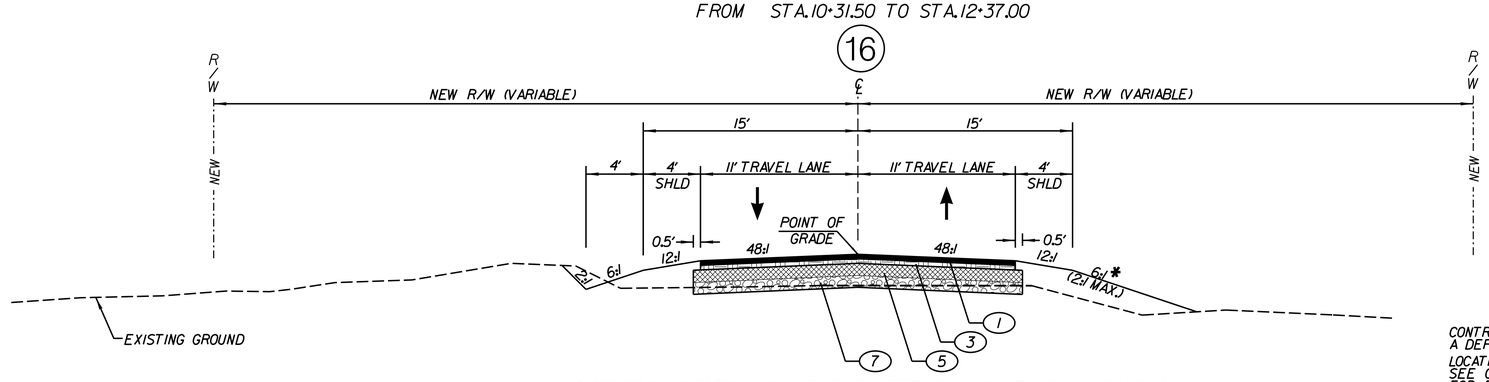
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



USE THIS SECTION ON -ERI- ELLETT ROAD (GROUP 1)
FROM STA.10+31.55 TO STA.11+55.00



USE THIS SECTION ON -ER2- ELLETT RD.(COUNTY RD.) (GROUP 1)
FROM STA.10+31.50 TO STA.12+37.00



USE THIS SECTION ON -ER3- ELLETT RD.(COUNTY RD.) (GROUP 1)
FROM STA.10+31.50 TO STA.20+87.00

DITCH SLOPES 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 PLACED FARTHER FROM THE C/L CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP. FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6' WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

RTE.	DESIGN SPEED		
	MPH	FROM STA	TO STA
-ER2-	20	10+31.50	12+37.00
-ER3-	20	10+31.50	20+87.00

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. ____ DATE _____
CKD. ____ DATE _____
FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

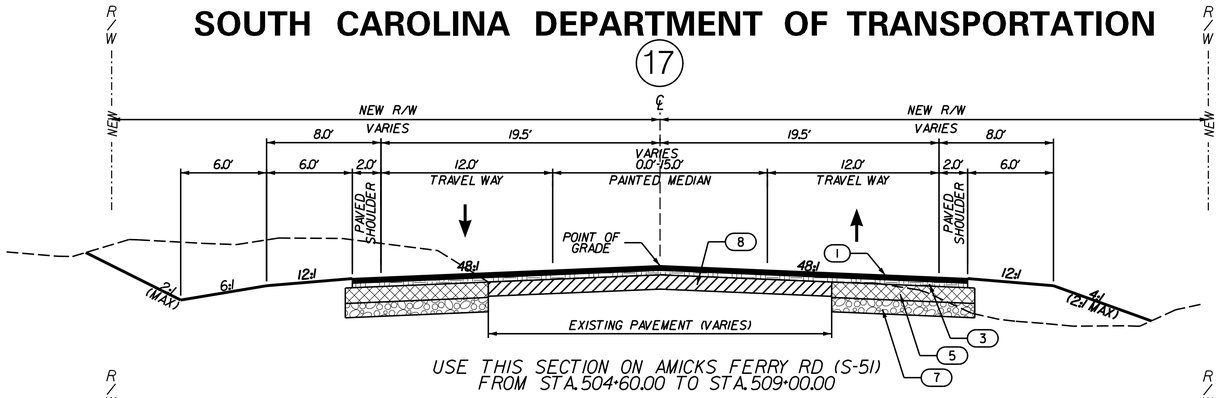
SCALE: 1" = NTS

SHEET 3F

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3G

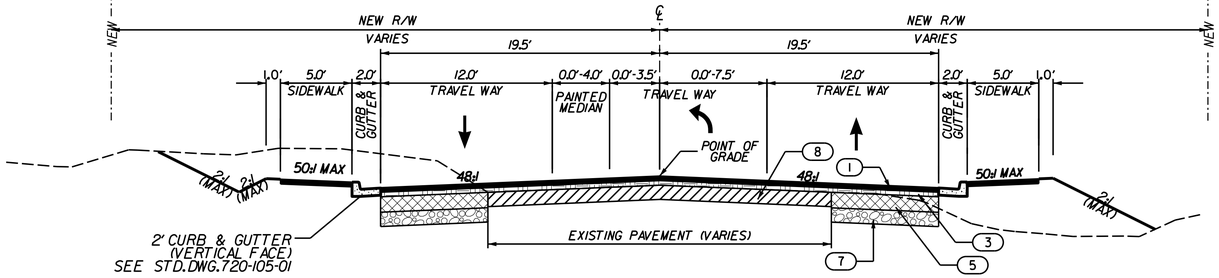
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

17



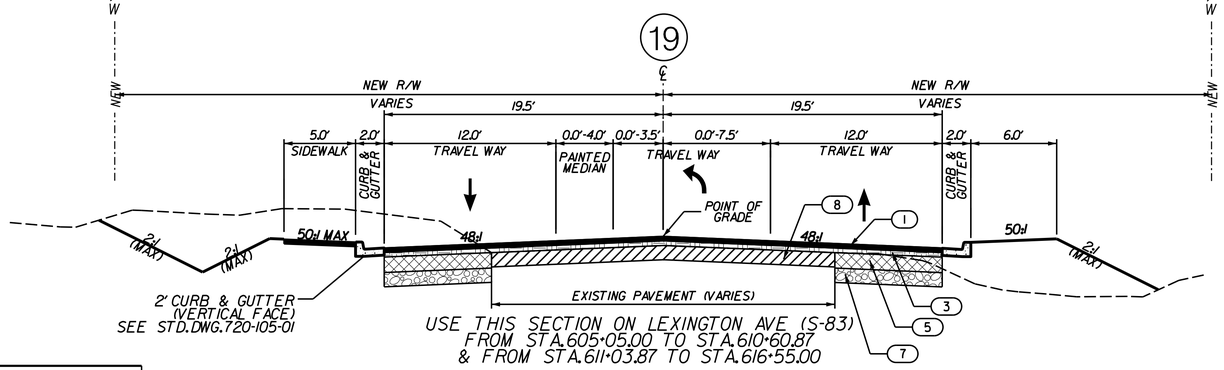
USE THIS SECTION ON AMICKS FERRY RD (S-51)
FROM STA.504+60.00 TO STA.509+00.00

18



USE THIS SECTION ON AMICKS FERRY RD (S-51)
FROM STA.509+00.00 TO STA.518+05.00

19



USE THIS SECTION ON LEXINGTON AVE (S-83)
FROM STA.605+05.00 TO STA.610+60.87
& FROM STA.611+03.87 TO STA.616+55.00

DITCH SLOPES 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 PLACED FARTHER FROM THE ℄ CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP. FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6" WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:
*** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.*
** TYPICAL FILL SLOPES*
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
S-51	40	504+60.00	518+05.00
S-83	40	605+05.00	616+55.00

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. ____ DATE _____
CKD. ____ DATE _____
FILE
$FILE$
$DATE$ $TIME$

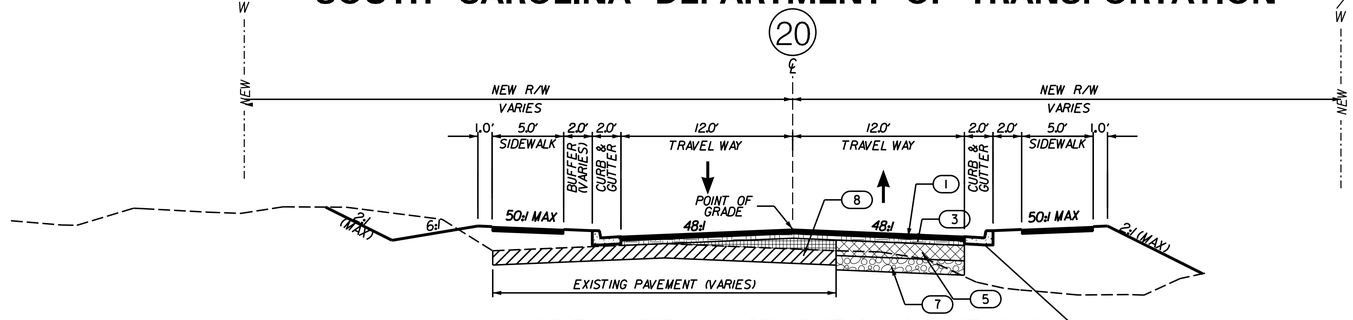
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

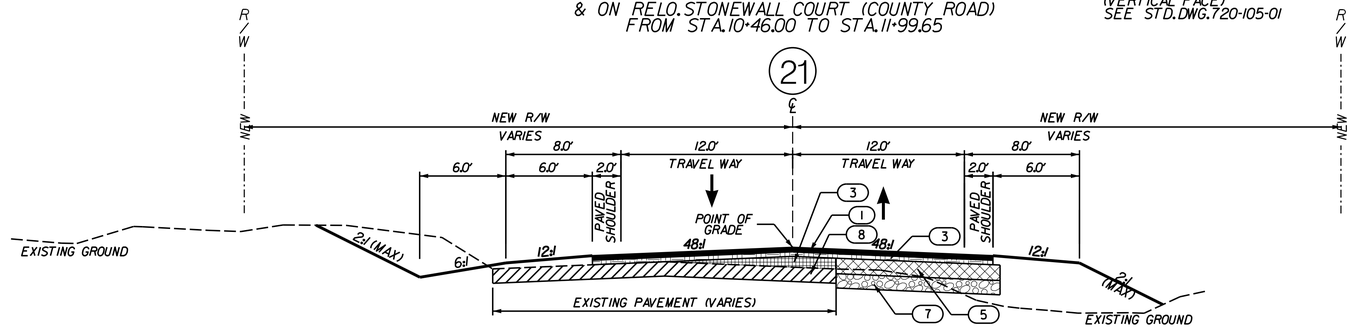
SCALE: 1" = NTS | SHEET 3G

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3H

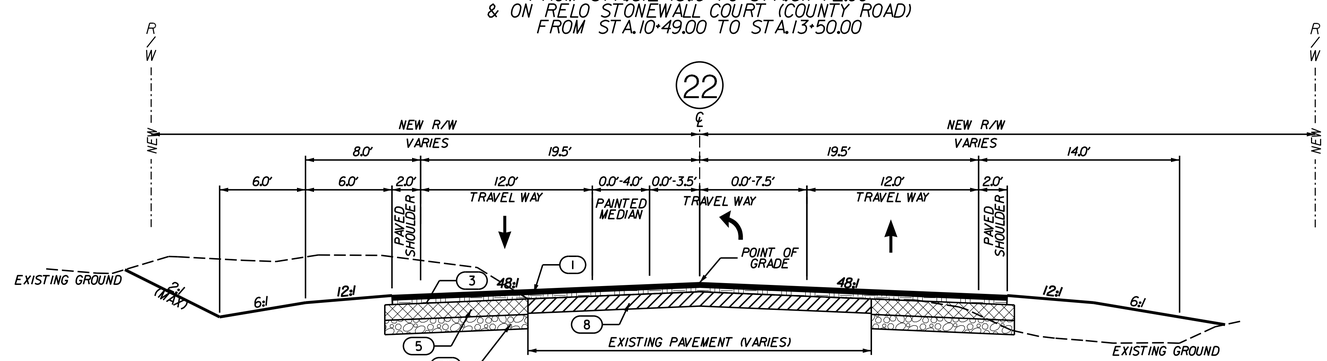
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



USE THIS SECTION ON RELO.EAST BOUNDARY ST.1 (S-82)
FROM STA.801+00.00 TO STA.804+49.66
& ON RELO.STONEWALL COURT (COUNTY ROAD)
FROM STA.10+46.00 TO STA.11+99.65



USE THIS SECTION ON RELO.EAST BOUNDARY ST.2 (S-82)
FROM STA.812+43.19 TO STA.817+72.00
& ON RELO STONEWALL COURT (COUNTY ROAD)
FROM STA.10+49.00 TO STA.13+50.00



USE THIS SECTION ON CHAPIN RD (US 76)
FROM STA.700+45.00 TO STA.706+59.37

DITCH SLOPES 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 PLACED FARTHER FROM THE ℄ CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP. FOR BULDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6' WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
S-82	25	801+00.00	804+49.66
S-82	25	812+43.19	817+72.00
US76	40	700+45.00	706+59.37

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. ____ DATE _____

CKD. ____ DATE _____

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

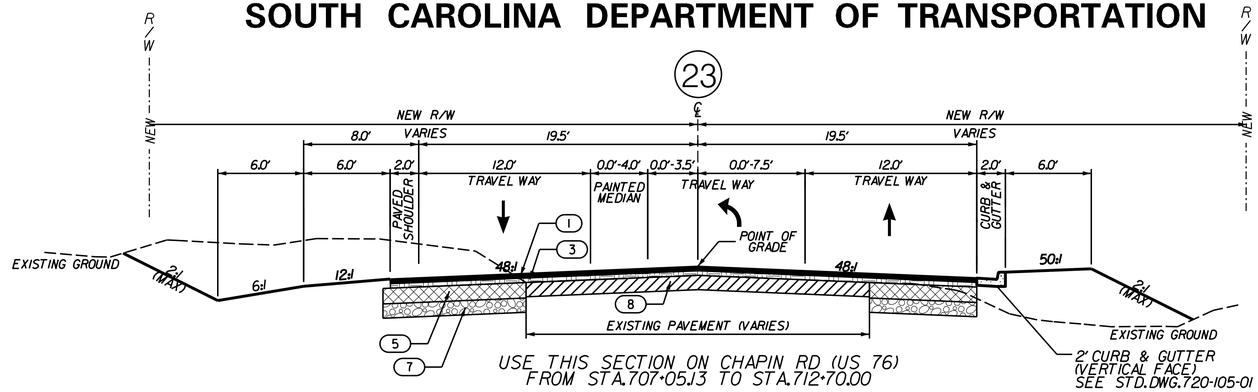
TYPICAL SECTIONS

SCALE: 1" = NTS

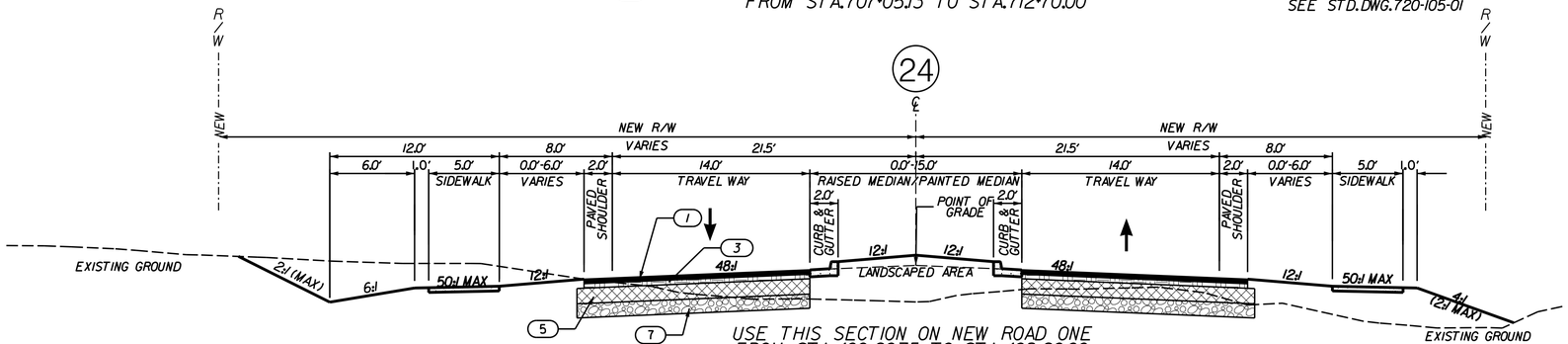
SHEET 3H

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	31

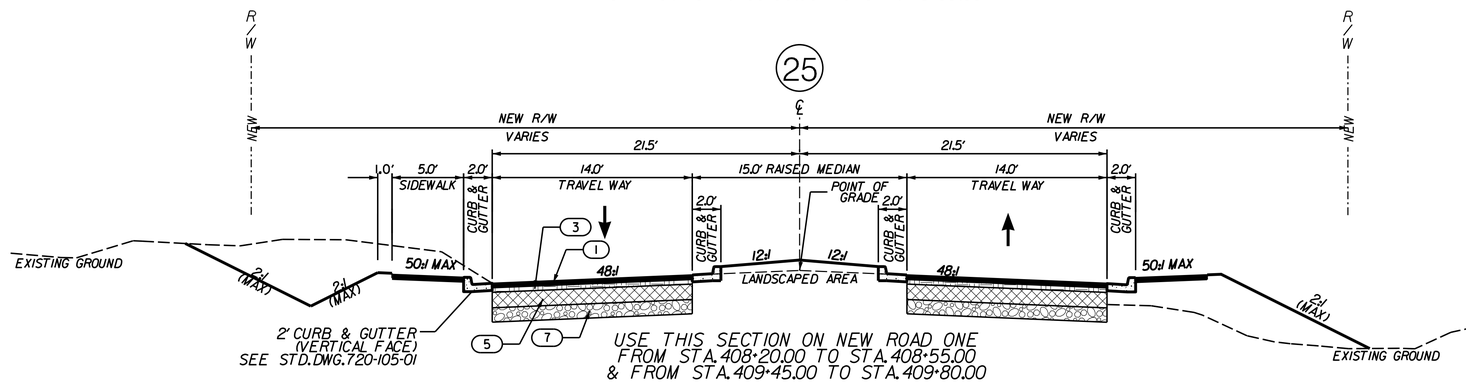
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



USE THIS SECTION ON CHAPIN RD (US 76)
FROM STA.707+05.13 TO STA.712+70.00



USE THIS SECTION ON NEW ROAD ONE
FROM STA.400+20.75 TO STA.408+20.00,
& FROM STA.409+80.00 TO STA.415+65.66



USE THIS SECTION ON NEW ROAD ONE
FROM STA.408+20.00 TO STA.408+55.00
& FROM STA.409+45.00 TO STA.409+80.00

DITCH SLOPES 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 PLACED FARTHER FROM THE ℄ CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.

LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP. FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6" WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
US76	40	707+05.13	712+70.00
NR1	40	400+20.75	408+20.00
NR1	40	408+20.00	408+55.00
NR1	40	409+45.00	409+80.00
NR1	40	409+80.00	415+65.66

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. ____ DATE _____

CKD. ____ DATE _____

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

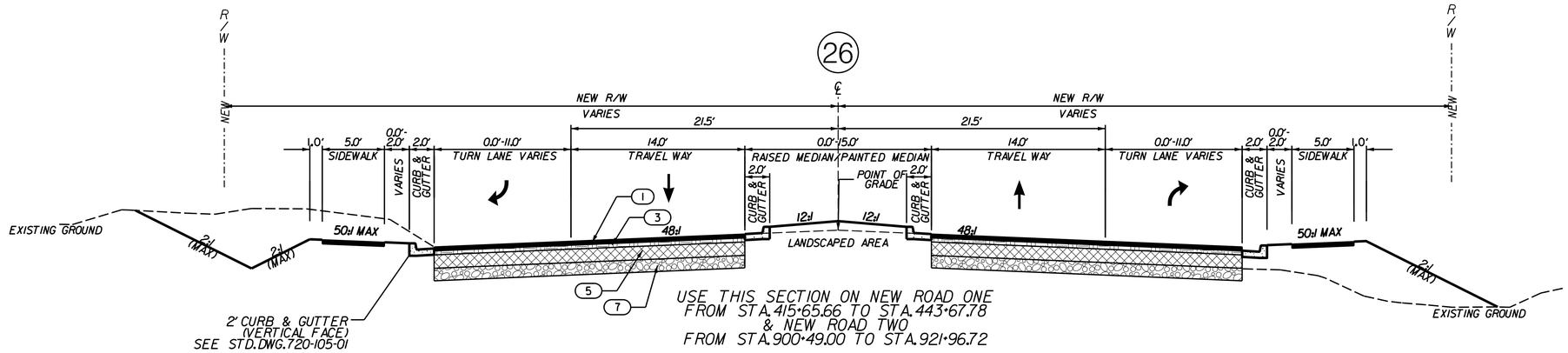
TYPICAL SECTIONS

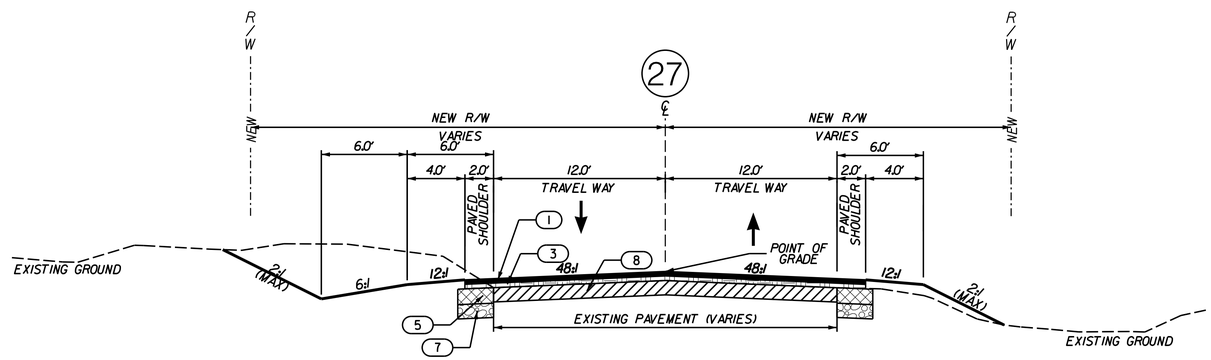
SCALE: 1" = NTS

SHEET 31

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3J

TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION





CONTRACTOR IS REQUIRED TO MILL EXISTING PAVEMENT TO A DEPTH NECESSARY TO INSTALL A FULL PAVEMENT LIFT.
LOCATION OF PAVEMENT BUILDUP VARIES WHERE REQUIRED. SEE CROSS SECTIONS FOR LOCATION AND AREAS OF PAVEMENT BUILDUP.
FOR BUILDUP USE:
UP TO 2" - ASPHALT SURFACE COURSE TYPE B
2" TO 5" - ASPHALT INTERMEDIATE COURSE TYPE B
GREATER THAN 6" - USE 6" GRADED AGGREGATE BASE COURSE FOR AREAS GREATER THAN OR EQUAL TO 6' WIDE.
- SCARIFY OR REMOVE EXISTING PAVEMENT AS NECESSARY.

LEGEND

1. HOT MIX ASPHALT SURFACE COURSE TYPE B (200 LBS/SY)
2. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE A (300 LBS/SY)
3. HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (400 LBS/SY)
4. HOT MIX ASPHALT SURFACE COURSE TYPE E (FOR LEVELING LESS THAN 2")
   HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B (FOR LEVELING GREATER THAN 2")
5. HOT MIX ASPHALT BASE COURSE TYPE A (450 LBS/SY)
6. HOT MIX ASPHALT BASE COURSE TYPE A (675 LBS/SY)
7. GRADED AGGREGATE BASE COURSE
8. EXISTING PAVEMENT
9. 8" STAINED CONCRETE

NOTE:

** INCREASE ADDITIONAL 3.5' WHERE GUARDRAIL IS REQUIRED.

* TYPICAL FILL SLOPES
0-5' HEIGHT 6:1
5'-10' HEIGHT 4:1
OVER 10' HEIGHT 2:1

DITCH SLOPES 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 PLACED FARTHER FROM THE C/L CONTINUING THE 4:1 SLOPE TO PROVIDE FOR THE NECESSARY DEPTH. SEE PROFILE FOR THE SPECIAL DITCH GRADES

ALL PAVEMENT SLOPES AND SHOULDER SLOPES ON TYPICAL SECTIONS ARE SHOWN SLOPES.

PAVEMENT SLOPES, SHOULDER SLOPES, DITCH FORESLOPES, AND DITCH BACKSLOPES MAY VARY FROM THOSE SHOWN ON TYPICAL SECTIONS (SEE CROSS SECTIONS).

SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
NR1	40	415+65.66	443+67.78
S-1644	25	10+00.00	12+00.00
	EXCEPTIONS TO DESIGN SPEED		
NR2	30	900+49.00	921+96.72

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. _____ DATE _____

CKD. _____ DATE _____

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION

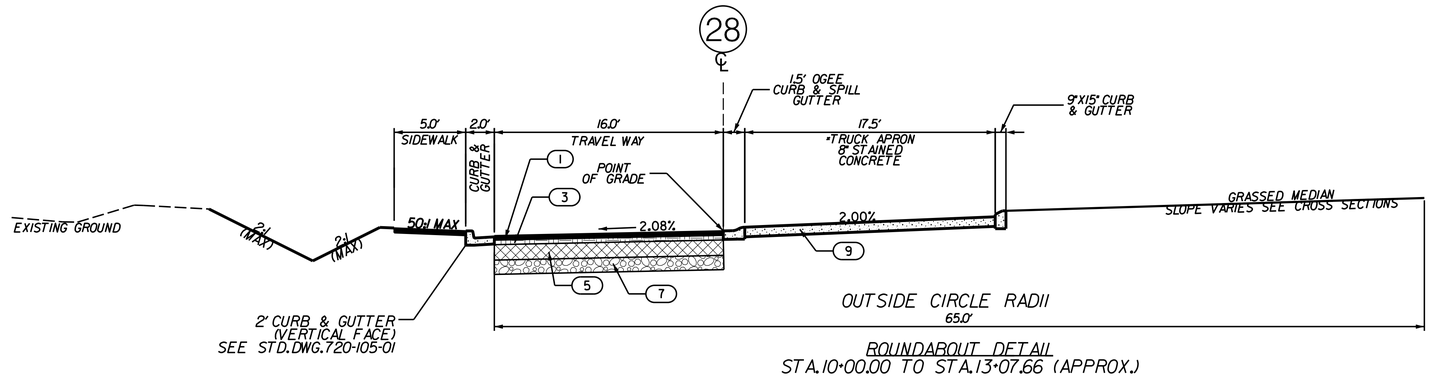
TYPICAL SECTIONS

SCALE: 1" = NTS

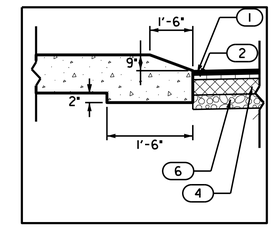
SHEET 3J

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	3K

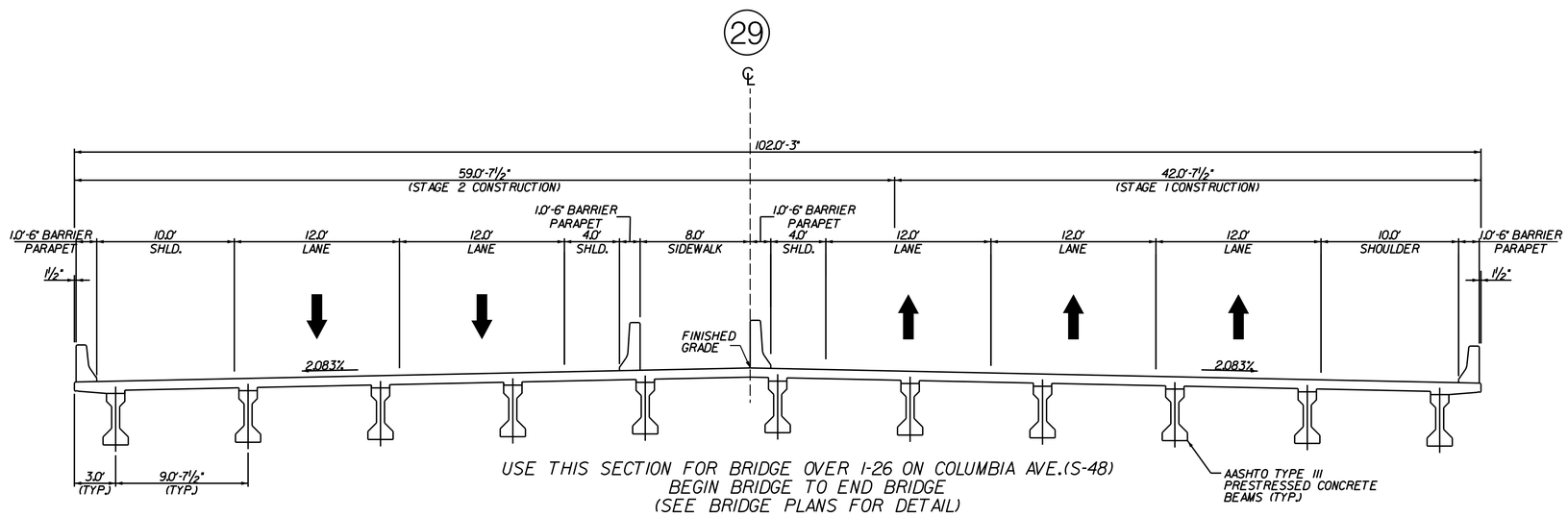
TYPICAL SECTION OF IMPROVEMENT
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION



ROUNDABOUT DETAIL
STA.10+00.00 TO STA.13+07.66 (APPROX.)



**NOTE: ALTERNATIVE OPTION FOR OGEE CURB AT TRUCK APRON



LEGEND

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SEE STANDARD DRAWING 805-105-00 FOR GUARDRAIL.

RTE.	DESIGN SPEED		
	MPH	FROM STA.	TO STA.
RAB	25	10+00.00	13+07.66
S-48	40	100+50.00	212+50.00

PAVEMENT DESIGN

APPROVED BY

DATE

DWG. _____ DATE _____

CKD. _____ DATE _____

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: 1" = NTS

SHEET 3K

SCDOT
South Carolina Department of Transportation

RIGHT-OF-WAY DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	LEXINGTON	028193	S-48	4

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN				REMAINDER LEFT ACRES [A]	REMAINDER RIGHT ACRES [A]	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
1	DERRIEL LIONELL AMICK & LYNNE F. AMICK	000300-01-036	4.22														0
2	MELISSA D. DILLE & JACK E. DILLE, ETAL	000300-01-015	4.57														0
3	DANIEL J. DOUGLAS & ROBERT E. WILDER, JR.	000300-01-055	0.64														0
4	F & D ELECTRIC OF SC LLC	000300-01-059	3.84														0
5	FRED A. COLE	000300-01-058	3.98														0
6	FRED A. COLE	000300-01-058	5.67		13661 SF *0.314 Ac*		13661 SF *0.314 Ac*	5.356									0
7	FRED A. COLE	000300-01-056	6.40		12391 SF *0.284 Ac*		12391 SF *0.284 Ac*	6.116									0
8	WD&L ENTERPRISES II LLC	000300-01-008	65.01		11763 SF *0.270 Ac*		11763 SF *0.270 Ac*	64.740									0
9	CP CHAPIN LLC	000300-04-013	1.86		2915 SF *0.067 Ac*		2915 SF *0.067 Ac*	1.793									0
10	GOLDEN ARCH LTD PARTNERSHIP	000300-04-049	1.12										YES			YES	0
11	OMMITTED	0	0.00		8885 SF *0.204 Ac*		8885 SF *0.204 Ac*	-0.204					YES			YES	0
12	RUBIN FAMILY PROPERTIES LLC	000300-04-011	0.58		1033 SF *0.024 Ac*		1033 SF *0.024 Ac*	0.556									0
13	RUBIN FAMILY PROPERTIES LLC	000300-04-050	95.29	3804 SF *0.087 Ac*	168690 SF *3.873 Ac*		172494 SF *3.960 Ac*	91.417					YES	YES	YES		0
14	LEXINGTON COUNTY HEALTH SERVICES DIST	000700-01-011	5.00		13491 SF *0.310 Ac*		13491 SF *0.310 Ac*	4.690					YES		YES	YES	0
15	RUSSELL-JEFFCOAT ENTERPRISES	000700-01-012	1.55		3405 SF *0.078 Ac*		3405 SF *0.078 Ac*	1.472					YES			YES	0
16	ALBERT W. GIBSON & CYNTHIA A. GIBSON	000700-01-013	1.71		3484 SF *0.080 Ac*		3484 SF *0.080 Ac*	1.630					YES			YES	0
17	EAGLES NEST PROPERTIES LLC	000700-01-017	5.17		8479 SF *0.195 Ac*		8479 SF *0.195 Ac*	4.975					YES			YES	0
18	CONTRACT HOLDINGS LLC	000700-01-004	5.13		6079 SF *0.140 Ac*		6079 SF *0.140 Ac*	4.990					YES			YES	0
19	COLUMBIA AVENUE PROPERTIES LLC	000700-01-015	21.39		1015 SF *0.023 Ac*		1015 SF *0.023 Ac*	21.367									0
20	BROAD RIVER-FRIARGATE LLC	000700-01-003	70.68	4708 SF *0.108 Ac*	34567 SF *0.794 Ac*		39275 SF *0.902 Ac*	69.886					YES				0
21	ORTHOPEDIC PROPERTIES LLC	000700-01-022	5.08		11520 SF *0.264 Ac*		11520 SF *0.264 Ac*	4.816					YES				0
22	W. BRINKLEY MELVIN	000700-02-076	4.73		14784 SF *0.339 Ac*		14784 SF *0.339 Ac*	4.391									0
23	ELLETT BROTHERS LLC	000700-01-019	0.98		4141 SF *0.095 Ac*		4141 SF *0.095 Ac*	0.885									0
24	ELLETT BROTHERS LLC	000700-01-018	2.07		1214 SF *0.028 Ac*		1214 SF *0.028 Ac*	2.042									0
25	ELLETT BROTHERS LLC	000700-01-016	0.87		4251 SF *0.098 Ac*		4251 SF *0.098 Ac*	0.772									0
26	ELLETT BROTHERS LLC	000719-04-001	1.90		6411 SF *0.147 Ac*		6411 SF *0.147 Ac*	1.753									0
27	LEWIS E. BALLINGTON & JOYCE S. BALLINGTON	000719-02-005	1.18		2817 SF *0.065 Ac*		2817 SF *0.065 Ac*	1.115									0
28	MELVIN CAPITAL INVESTMENTS LLC	000719-02-006	0.92		1593 SF *0.037 Ac*		1593 SF *0.037 Ac*	0.879									0
29	ELLETT BROTHERS LLC	000719-02-004	8.00		78 SF *0.002 Ac*		78 SF *0.002 Ac*	7.998									0
30	MT HOREB LUTHERAN CHURCH CEM	000719-02-007	3.29										YES			YES	0
31	OMMITTED	0	0.00														0
32	JUNE B. TUCKER ETAL	000719-02-008	1.06										YES			YES	0
33	TWIN FOXES LLC	000719-02-009	3.22										YES			YES	0
34	REIMBURSEMENT CONSULTANTS INC	000719-02-010	0.60										YES			YES	0
35	DANIEL J. DOUGLAS & ANN H. DOUGLAS	000719-02-011	0.50														0
36	WEST FAMILY PROPERTIES LLC	000719-02-012	0.63													YES	0
37	HUGGINS HOLDINGS LLC	000719-02-013	0.50														0
38	JUDITH L. FRICK ETALS	000719-02-027	3.38														0
39	FIRST CITIZENS BANK & TRUST COMPANY INC	000719-02-026	0.95		333 SF *0.008 Ac*		333 SF *0.008 Ac*	0.942									0
40	FIRST CITIZENS BANK & TRUST COMPANY INC	000719-02-014	0.78		19422 SF *0.446 Ac*		19422 SF *0.446 Ac*	0.334									0
41	BETTY JEAN COMALANDER	000718-02-019	0.99										YES			YES	0
42	THE BANK OF COMMERCE	000718-04-001	0.27										YES		YES		0
43	ROBERT PIERCE FRICK	000718-03-004	0.95										YES		YES		0
44	NANCY SHEALY DIMASCIO & JOHN ANTHONY D	000718-03-005	0.76										YES		YES	YES	0
45	CHARLIE H. FRICK & PEGGY S. FRICK	000718-03-006	0.46														0

DATE	TRACT NO.	REMARKS

R/W NOTE: THE DEPARTMENT WILL UTILIZE THE PRESENT RIGHT OF WAY AS SHOWN BELOW EXCEPT AS OTHERWISE SHOWN ON PLANS.

ROAD / ROUTE #	FILE #	R/W WIDTH	YEAR ACQ'D.
S 32-48	32.167B	VARIES	2006
S 32-51	32.304 & 32.311	VARIES	1950
S-83	32.863	VARIES	1984
S-83	32.830	VARIES	1984
S 32-48	32.340 & 40.393	VARIES	1952
S-82	32.875	VARIES	1987
ELLETT RD.	32.846	VARIES	1983
S 32-689	32.452	VARIES	1962
S-232	32.460	VARIES	1962
S 32-49 / 48 / 83	32.262	VARIES	1947
I-26	32.399	VARIES	1957

NOTES:

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

B. PER NOTE ON SHT. 6 OF DKT NO. 32.846
"THE ENTIRE ROAD HAS BEEN QUITCLAIMED TO TOWN OF CHAPIN ON 10-17-06 INDEX 32-152"

4/6/2017
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SCDOT
South Carolina Department of Transportation

RIGHT-OF-WAY DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	LEXINGTON	028193	S-48	4A

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN				REMAINDER LEFT ACRES A	REMAINDER RIGHT ACRES A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
46	JT LEWIS & CO LLC	000718-03-007	0.22										YES			YES	0
47	LAURIE G. GROOMS	000718-03-008	0.41										YES			YES	0
48	ALICE YOUNG WESSINGER	000718-03-009	0.40														0
49	MT HOREB LUTHERAN CHURCH	000718-03-001	1.72										YES				0
50	MARTINI & HOWE LLC	000719-03-003	0.29										YES		YES		0
51	DAVID W. KNIGHT & HELEN M. KNIGHT	000719-03-004	0.53			545 SF *0.013 Ac*	545 SF *0.013 Ac*		0.517								0
52	JERRY L. BOLAND	000719-03-005	1.06			2825 SF *0.065 Ac*	2825 SF *0.065 Ac*		0.995				YES				0
53	DANIEL A. SMITH & JENNETTE SMITH	000719-03-006	0.60			26136 SF *0.600 Ac*	26136 SF *0.600 Ac*		0.000								0
54	SC ELECTRIC & GAS CO	000719-03-007	3.44			21983 SF *0.505 Ac*	21983 SF *0.505 Ac*		2.935								0
55	BRENDAL INVESTMENTS LLC	000719-03-009	0.98			3618 SF *0.083 Ac*	3618 SF *0.083 Ac*		0.897								0
56	MIDLANDS NATIONAL BANK/TD BANK FINANCI	000719-03-008	0.90			2873 SF *0.066 Ac*	2873 SF *0.066 Ac*		0.834				YES		YES	YES	0
57	LEXINGTON SCHOOL DISTRICT 5	000700-03-029	39.83			82244 SF *1.888 Ac*	82244 SF *1.888 Ac*		37.942				YES	YES	YES	YES	0
58	LEXINGTON-RICHLAND CO SCH DIST #5	000700-03-030	35.07			18691 SF *0.429 Ac*	18691 SF *0.429 Ac*		34.641							YES	0
59	VALERIA S. BOWERS & ODELL STUCK	000700-03-202	10.02			4701 SF *0.108 Ac*	4701 SF *0.108 Ac*		9.912								0
60	WILLIAM W. STUCK & JULIANNE KLECKLEY, TR	000700-03-201	0.99			5056 SF *0.116 Ac*	5056 SF *0.116 Ac*		0.874								0
61	PALMETTO HEALTH	000700-03-208	2.95			7931 SF *0.182 Ac*	7931 SF *0.182 Ac*		2.768								0
62	BROAD RIVER-FRIARGATE LLC	000700-01-003	19.43			14033 SF *0.322 Ac*	14033 SF *0.322 Ac*		19.108								0
63	TOWN OF CHAPIN	000700-03-094	0.02			712 SF *0.016 Ac*	712 SF *0.016 Ac*		0.004								0
64	M. CLARK OCAIN & TAMMY OCAIN	000700-03-033	1.43			3690 SF *0.085 Ac*	3690 SF *0.085 Ac*		1.345							YES	0
65	WILLIAM E. BULL III	000700-03-035	1.32			3393 SF *0.078 Ac*	3393 SF *0.078 Ac*		1.242				YES		YES	YES	0
66	FRANCIS X. WALTON & KATHLEEN A. WALTON	000700-03-063	20.46			696 SF *0.016 Ac*	696 SF *0.016 Ac*		20.444				YES		YES		0
67	JOHN G. CORNETT II & MARGOT CORNETT	000700-03-119	2.30			685 SF *0.016 Ac*	685 SF *0.016 Ac*		2.284				YES		YES		0
68	WAYNE A. THOMPSON, A LIMITED PARTNERSHI	000700-03-031	3.63			2643 SF *0.061 Ac*	2643 SF *0.061 Ac*		3.569				YES		YES		0
69	CARL E. DERRICK & CHARLES S. SLICE	000700-03-182	0.68			2483 SF *0.057 Ac*	2483 SF *0.057 Ac*		0.623								0
70	BEAR CREEK INVESTMENTS	000700-03-051	4.43			6869 SF *0.158 Ac*	6869 SF *0.158 Ac*		4.272								0
71	FRANCES S. SHEALY	000700-03-056	2.01			3310 SF *0.076 Ac*	3310 SF *0.076 Ac*		1.934								0
72	JOHN J. STROKE	000700-03-002	41.11			53838 SF *1.236 Ac*	53838 SF *1.236 Ac*		39.874							YES	0
73	JOHN J. STROKE	000700-03-001	2.03			3369 SF *0.077 Ac*	3369 SF *0.077 Ac*		1.953							YES	0
74	HELEN R. COLE & FRED A COLE, TRUSTEES	000700-03-185	2.96			1536 SF *0.035 Ac*	1536 SF *0.035 Ac*		2.925								0
75	ARC BJCPNSC001 LLC	000700-03-204	1.05			1436 SF *0.033 Ac*	1436 SF *0.033 Ac*		1.017				YES			YES	0
76	VIRGINIA F. MEEHAN	000700-03-186	2.51			57966 SF *1.331 Ac*	57966 SF *1.331 Ac*		1.179								0
77	RE-STATION INC	000700-03-073	1.33			16045 SF *0.368 Ac*	16045 SF *0.368 Ac*		0.962							YES	0
78	THREE STAR INTERPRISES	000700-03-066	3.89			717 SF *0.016 Ac*	717 SF *0.016 Ac*		3.874							YES	0
79	COLCREEK DGK LLC	000700-02-078	2.51			3486 SF *0.080 Ac*	3486 SF *0.080 Ac*		2.430								0
80	DANIEL ONEIL LINDLER, SR & FLORIEDE R. LINI	000700-02-002	4.52			20605 SF *0.473 Ac*	20605 SF *0.473 Ac*		4.047								0
81	PATSY B. LINDLER & DANIEL O. LINDLER, JR	000700-02-048	7.40														0
82	DANIEL ONEIL LINDLER, SR & FLORIEDE R. LINI	000700-02-002	19.84			1981 SF *0.045 Ac*	1981 SF *0.045 Ac*		19.795								0
83	JAMES RICHARD LINDLER	000700-03-003	17.64														0
84	WD&L ENTERPRISES II LLC	000300-01-017	17.12		70446 SF *1.617 Ac*		70446 SF *1.617 Ac*	15.503									0
85	JO AMICK DAVID	000300-01-039	3.74														0
86	DANIEL J. DOUGLAS & ROBERT E. WILDER	000300-01-038	3.19														0
87	DERRIEL LIONELL AMICK & LYNNE F. AMICK	000300-01-035	7.54														0
88	DERRIEL LIONELL AMICK & LYNNE F. AMICK	000300-01-036	1.31														0
89	HENRY M. ALEWINE	000719-03-001	0.83														0
90	MT HOREB LUTHERAN CHURCH OF CHAPIN	000720-04-009	1.95		22153 SF *0.509 Ac*		22153 SF *0.509 Ac*	1.441									0

DATE	TRACT NO.	REMARKS

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NOTES:

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"THE ENTIRE ROAD HAS BEEN QUITCLAIMED TO TOWN OF CHAPIN ON 10-17-06 INDEX 32-152"

4/6/2017
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SCDOT
South Carolina Department of Transportation

RIGHT-OF-WAY DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	LEXINGTON	028193	S-48	4B

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN				REMAINDER LEFT ACRES A	REMAINDER RIGHT ACRES A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
91	SCHOOL DISTRICT FIVE OF LEXINGTON & RICH	000720-04-012	7.29			748 SF *0.017 Ac*	748 SF *0.017 Ac*		7.273								0
92	ABEL KNIGHT	000720-04-013	0.89														0
93	JAMES H. CATES & GEQUETTA D. CATES	000720-04-010	3.73		42596 SF *0.978 Ac*		42596 SF *0.978 Ac*	2.752							YES		0
94	MELVIN P. COLLINS	000720-04-007	1.03														0
95	DOUGLAS EARL SATTERFIELD & LYNN M. SATT	000720-04-005	2.99		21920 SF *0.503 Ac*		21920 SF *0.503 Ac*	2.487					YES		YES		0
96	FORDHAM ELECTRIC SOUTHEAST INC	000720-04-004	4.24		6590 SF *0.151 Ac*		6590 SF *0.151 Ac*	4.089									0
97	GEORGE R. WESSINGER, SR. LIFE ESTATE	000720-04-003	3.19			2025 SF *0.046 Ac*	2025 SF *0.046 Ac*		3.144								0
98	PREMARK PACKAGING LLC	000720-04-001	12.08		97705 SF *2.243 Ac*		97705 SF *2.243 Ac*	9.837					YES		YES	YES	0
99	GENERATIONS OF CHAPIN INC	000700-03-027	11.74			14287 SF *0.328 Ac*	14287 SF *0.328 Ac*		11.412				YES	YES	YES	YES	0
100	GENERATIONS OF CHAPIN INC	000700-03-027	4.10														0
101	COUNTY OF LEXINGTON	000700-03-083	3.52										YES		YES		0
102	CHAPIN CHILDRENS CENTER INC	000700-03-072	2.63			902 SF *0.021 Ac*	902 SF *0.021 Ac*		2.609				YES			YES	0
103	LAMPLIGHT LLC	000720-01-001	1.80			9660 SF *0.222 Ac*	9660 SF *0.222 Ac*		1.578				YES				0
104	DEWEY B. SHEALY	000700-03-026	1.99														0
105	PATRICK B. SHEALY	000717-02-030	0.61		2449 SF *0.056 Ac*		2449 SF *0.056 Ac*	0.554					YES			YES	0
106	BILLY B. SHEALY	000717-02-029	0.67														0
107	JOHN E. HOLLIS & KAY G. HOLLIS	000717-02-028	0.66														0
108	JOHN E. HOLLIS & KAY G. HOLLIS	000717-02-034	0.66														0
109	MALLORY B. REEDY & MATTIR P. SLACK	000717-02-039	0.63														0
110	GUY F. TAYLOR JR. & FAYE H. TAYLOR	000717-02-006	0.61														0
111	MICHAEL W. CLONTS & LETICA R. CLONTS	000717-02-040	0.95														0
112	RAYCO INC	000717-02-027	8.68			133582 SF *3.067 Ac*	133582 SF *3.067 Ac*		5.613				YES		YES	YES	0
113	RAYCO INC	000717-02-026	3.05										YES			YES	0
114	RAYCO INC	000717-02-033	2.85														0
115	ROBERT H. HAILE SR. & SYLVIA YELLEN	000717-02-020	2.26														0
116	R. GREGG WHITE & YVONNE D. WHITE	000717-02-019	1.10														0
117	RONALD L. CRAWFORD	000717-02-018	1.36		15973 SF *0.367 Ac*		15973 SF *0.367 Ac*	0.993									0
118	EDWARD E. SUMMER & CATHRYN S. SUMMER	000717-02-017	3.80			31399 SF *0.721 Ac*	31399 SF *0.721 Ac*		3.079						YES	YES	0
119	GEORGE J. LOVETT	000717-02-035	0.54			768 SF *0.018 Ac*	768 SF *0.018 Ac*		0.522							YES	0
120	MICHAEL O.W. EDENS	000717-02-013	0.60			1027 SF *0.024 Ac*	1027 SF *0.024 Ac*		0.576							YES	0
121	JERRY DEAN SHEALY, VICKY LYNN WINGARD &	000717-02-014	0.55			999 SF *0.023 Ac*	999 SF *0.023 Ac*		0.527							YES	0
122	JENNINGS L. SHEALY	000717-02-016	0.30														0
123	CHAPIN METHODIST CHURCH TRUSTEES	000717-02-015	0.35			1436 SF *0.033 Ac*	1436 SF *0.033 Ac*		0.317							YES	0
124	MARSHA L. MORGAN	000717-03-005	0.40		5163 SF *0.119 Ac*		5163 SF *0.119 Ac*	0.281									0
125	MARSHA L. MORGAN	000717-03-006	0.44			8689 SF *0.199 Ac*	8689 SF *0.199 Ac*		0.241				YES				0
126	SAMUEL EDWARD SMITH JR & GRACE M. SMITH	000717-03-004	0.45			1341 SF *0.031 Ac*	1341 SF *0.031 Ac*		0.419								0
127	CALVINS INVESTMENT GROUP LLC	000717-04-001	0.68		1116 SF *0.026 Ac*		1116 SF *0.026 Ac*	0.654									0
128	MELISSA G. SLICE	000717-04-002	1.40		9323 SF *0.214 Ac*		9323 SF *0.214 Ac*	1.186					YES		YES	YES	0
129	CHOLIE RAUCH SLICE	000717-04-003	0.92		17717 SF *0.407 Ac*		17717 SF *0.407 Ac*	0.513					YES				0
130	THE RAINEY COMPANY LLC	000717-04-004	1.08		1898 SF *0.044 Ac*		1898 SF *0.044 Ac*	1.036					YES			YES	0
131	DANIEL J. DOUGLAS & ANN H. DOUGLAS	000717-04-005	0.88		758 SF *0.017 Ac*		758 SF *0.017 Ac*	0.863									0
132	BISHOP OF CHARLESTON	000700-07-042	18.42			6600 SF *0.152 Ac*	6600 SF *0.152 Ac*		18.268				YES		YES	YES	0
133	YODER FULMER SHEALY	000700-07-046	13.29			124045 SF *2.848 Ac*	124045 SF *2.848 Ac*		10.442				YES		YES	YES	0
134	D G K LLC	000721-02-017	24.87		50843 SF *1.167 Ac*	2462 SF *0.057 Ac*	53306 SF *1.224 Ac*	0.000	0.000				YES		YES		0
135	GORE PROPERTIES LLC	000721-02-006	1.13			2298 SF *0.053 Ac*	2298 SF *0.053 Ac*		1.077						YES	YES	0

DATE	TRACT NO.	REMARKS

R/W NOTE: THE DEPARTMENT WILL UTILIZE THE PRESENT RIGHT OF WAY AS SHOWN BELOW EXCEPT AS OTHERWISE SHOWN ON PLANS.

ROAD / ROUTE #	FILE #	R/W WIDTH	YEAR ACQ'D.
S 32-48	32.167B	VARIES	2006
S 32-51	32.304 & 32.311	VARIES	1950
S-83	32.863	VARIES	1984
S-83	32.83	VARIES	1984
S 32-48	32.340 & 40.393	VARIES	1952
S-82	32.875	VARIES	1987
ELLETT RD.	32.846	VARIES	1983
S 32-689	32.452	VARIES	1962
S-232	32.46	VARIES	1962
S 32-49 / 48 / 83	32.262	VARIES	1947
I-26	32.399	VARIES	1957

NOTES:

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

B. PER NOTE ON SHT. 6 OF DKT NO. 32.846
"THE ENTIRE ROAD HAS BEEN QUITCLAIMED TO TOWN OF CHAPIN ON 10-17-06 INDEX 32-152"

4/6/2017
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SCDOT
South Carolina Department of Transportation

RIGHT-OF-WAY DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	LEXINGTON	028193	S-48	4C

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN				REMAINDER LEFT ACRES A	REMAINDER RIGHT ACRES A	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
136	MT ZION BAPTIST CHURCH OF CHAPIN	000722-01-002	2.43														0
137	G. LAMAR HUFFSTETLER	000722-01-003	3.96		9130 SF *0.210 Ac*		9130 SF *0.210 Ac*	3.750					YES				0
138	G. L. HUFFSTETLER & CAROLYN M. HUFFSTETLI	000722-01-001	0.93		7487 SF *0.172 Ac*		7487 SF *0.172 Ac*	0.758					YES		YES	YES	0
139	DOUG RAWL LLC	000723-02-027	1.02		2718 SF *0.062 Ac*		2718 SF *0.062 Ac*	0.958					YES		YES		0
140	S & W LAND CO LLC	000723-02-021	6.00													YES	0
141	MOUNT ZION BAPTIST CHURCH OF CHAPIN	000723-02-020	4.10														0
142	ROSEMARY C. FRICK, ETALS	000718-02-020	1.76										YES			YES	0
143	DOROTHY DERRICK AMICK, LIFE ESTATE	000718-02-021	1.83										YES			YES	0
144	DOROTHY DERRICK AMICK, LIFE ESTATE	000718-02-022	1.44														0
145	DOROTHY DERRICK AMICK, LIFE ESTATE	000718-02-023	0.22														0
146	PAMELA L. HARRELL	000718-02-024	0.98														0
147	G MEETZE PROPERTIES, LLC	000718-02-025	0.43														0
148	KEYSTONE AMERICA INC	000718-06-007	1.42														0
149	ROBERT E. WILDER, JR	000718-05-007	0.65														0
150	DOUGLAS-WILDER LLC	000718-05-006	3.14	10137 SF *0.233 Ac*			10137 SF *0.233 Ac*										0
151	CELIA YOUNG (NOW CANTRELL) ETALS	000718-05-001	0.43										YES				0
152	THE BANK OF COMMERCE	000718-04-001	0.28										YES				0
153	DELORES C. RICHARDSON ETALS	000719-02-015	3.61			2655 SF *0.061 Ac*	2655 SF *0.061 Ac*		3.549								0
154	FAYE METTZE REYNOLDS	000719-02-016	0.54			32 SF *0.001 Ac*	32 SF *0.001 Ac*		0.539								0
155	CYNTHIA LONG	000719-02-017	0.59														0
156	BLAIR FRAZIER BALDWIN & KIMBERLY JENSEN	000719-02-024	0.47														0
157	CHAPIN RURITAN CLUB	000718-02-013	0.29														0
158	TOWN OF CHAPIN	00718-02-014	0.27										YES				0
159	MARILYN GAIL C. BUNDRICK	000718-02-018	0.69										YES		YES		0
160	ERE AMICKS FERRY LLC	000723-02-001	1.12		1439 SF *0.033 Ac*		1439 SF *0.033 Ac*	1.087					YES				0
161	FIRST COMMUNITY BANK	000721-02-005	1.65			1960 SF *0.045 Ac*	1960 SF *0.045 Ac*		1.605				YES		YES	YES	0
162	DANIEL J. DOUGLAS	000700-07-001	0.48												YES	YES	0
163	411 LEXINGTON AVENUE LLC	000717-04-006	1.37										YES		YES	YES	0
164	JESSE R. FRICK & JANE S. FRICK	000717-02-012	2.75										YES		YES		0
165	SWAMPSCOTT VENTURES LLC	000717-03-003	0.26			1103 SF *0.025 Ac*	1103 SF *0.025 Ac*		0.235							YES	0
166	JERRY L. SHEALY	000717-03-002	1.43			2188 SF *0.050 Ac*	2188 SF *0.050 Ac*		1.380								0
167	STANLEY E. SHEALY	000717-02-001	0.60		755 SF *0.017 Ac*		755 SF *0.017 Ac*	0.583					YES		YES		0
168	PHILLIP A. STURKIE & REBEKAH L. STURKIE	000700-05-037	4.59														0
169	CAROLINE W. SHEALY LIFE ESTATE	000720-05-001	0.18			7948 SF *0.182 Ac*	7948 SF *0.182 Ac*		0								0
170	CAROLINE W. SHEALY LIFE ESTATE	000720-02-001	0.14			444 SF *0.010 Ac*	444 SF *0.010 Ac*		0.130				YES				0
171	CHAPIN ROAD PROPERTIES LLC	000720-02-002	1.25													YES	0
172	SOUTHWOOD HORIZONTAL PROPERTY REGIME	000700-03-125	16.28			1938 SF *0.044 Ac*	1938 SF *0.044 Ac*		16.236				YES	YES	YES		0
173	STONEWALL HOLINESS CHURCH	000700-03-053	3.23														0
174	LORETTA S. PRICE LIFE ESTATE	000718-05-002	0.20										YES			YES	0
175	LORETTA S. PRICE LIFE ESTATE	000718-05-003	0.10										YES			YES	0
176	TOWN OF CHAPIN	000718-05-004	0.19										YES			YES	0
177	JOHN R. SHEALY & KAREN L. SHEALY	000718-05-005	0.18										YES			YES	0
178	TOWN OF CHAPIN	000718-04-008	0.34										YES			YES	0
179	BONNETT HOLDINGS LLC	000721-02-007	1.00	0 SF *0.000 Ac*	0 SF *0.000 Ac*	0 SF *0.000 Ac*	0 SF *0.000 Ac*						YES			YES	0
180	SHEALY, JERRY L	000717-03-002	1.45	0 SF *0.000 Ac*	0 SF *0.000 Ac*	0 SF *0.000 Ac*	0 SF *0.000 Ac*						YES		YES	YES	0

DATE	TRACT NO.	REMARKS

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NOTES:

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

B. PER NOTE ON SHT. 6 OF DKT NO. 32.846
"THE ENTIRE ROAD HAS BEEN QUITCLAIMED TO TOWN OF CHAPIN ON 10-17-06 INDEX 32-152"

4/6/2017
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SCDOT
South Carolina Department of Transportation

RIGHT-OF-WAY DATA SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE/ROAD NO.	SHEET NO.
3	S.C.	LEXINGTON	028193	S-48	4E

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN				REMAINDER LEFT ACRES [A]	REMAINDER RIGHT ACRES [A]	DATE ACQUIRED	TYPE OF INSTRUMENT	PERMISSION (YES)					REMARKS
				OUTFALL DITCH	LEFT	RIGHT	TOTAL					OUTFALL DITCH	SLOPE	DRAINAGE STRUCTURE	EROSION CONTROL	ENTRANCE CONSTRUCTION	
181	SC ELECTRIC & GAS CO	000719-03-007	3.48												YES		
182	LAMKIN, DENNIS L & KATHLEEN C	000717-02-002	0.05										YES				
183	OWNERSHIP UNKNOWN												YES		YES		

DATE	TRACT NO.	REMARKS

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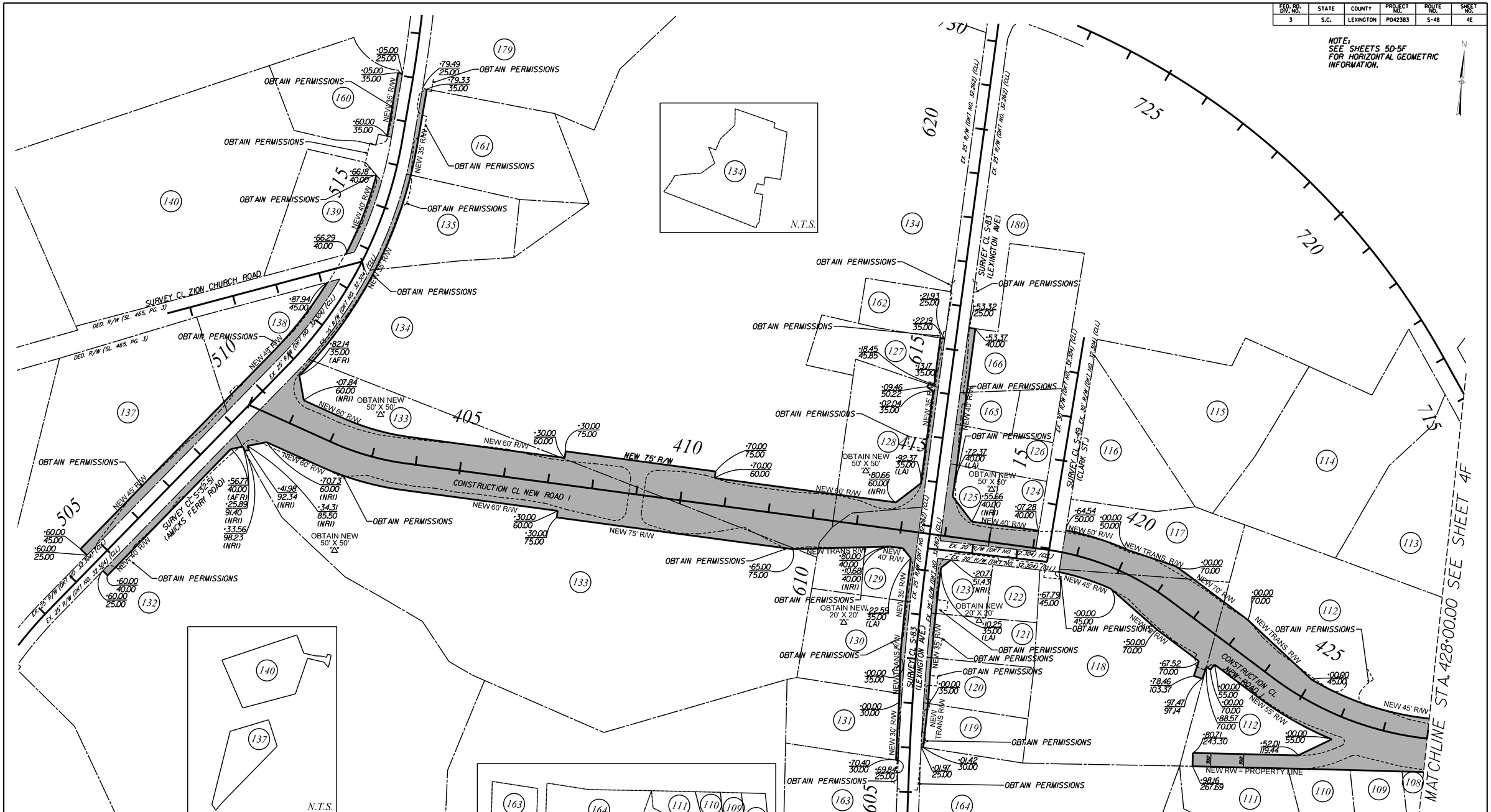
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	4E

NOTE:
SEE SHEETS 5D-5F
FOR HORIZONTAL GEOMETRIC
INFORMATION.



NOTE:
ALL STATIONS & OFFSETS ARE
FROM PROPOSED CENTERLINE
UNLESS OTHERWISE NOTED.

NOTE:
SEE SHEETS 5D-5F
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INFORMATION.

PRELIMINARY
NOT FOR CONSTRUCTION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
7			
6			
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DWG. _____ DATE _____
CKD. _____ DATE _____

FILE
$FILE$
$DATE$ $TIME$

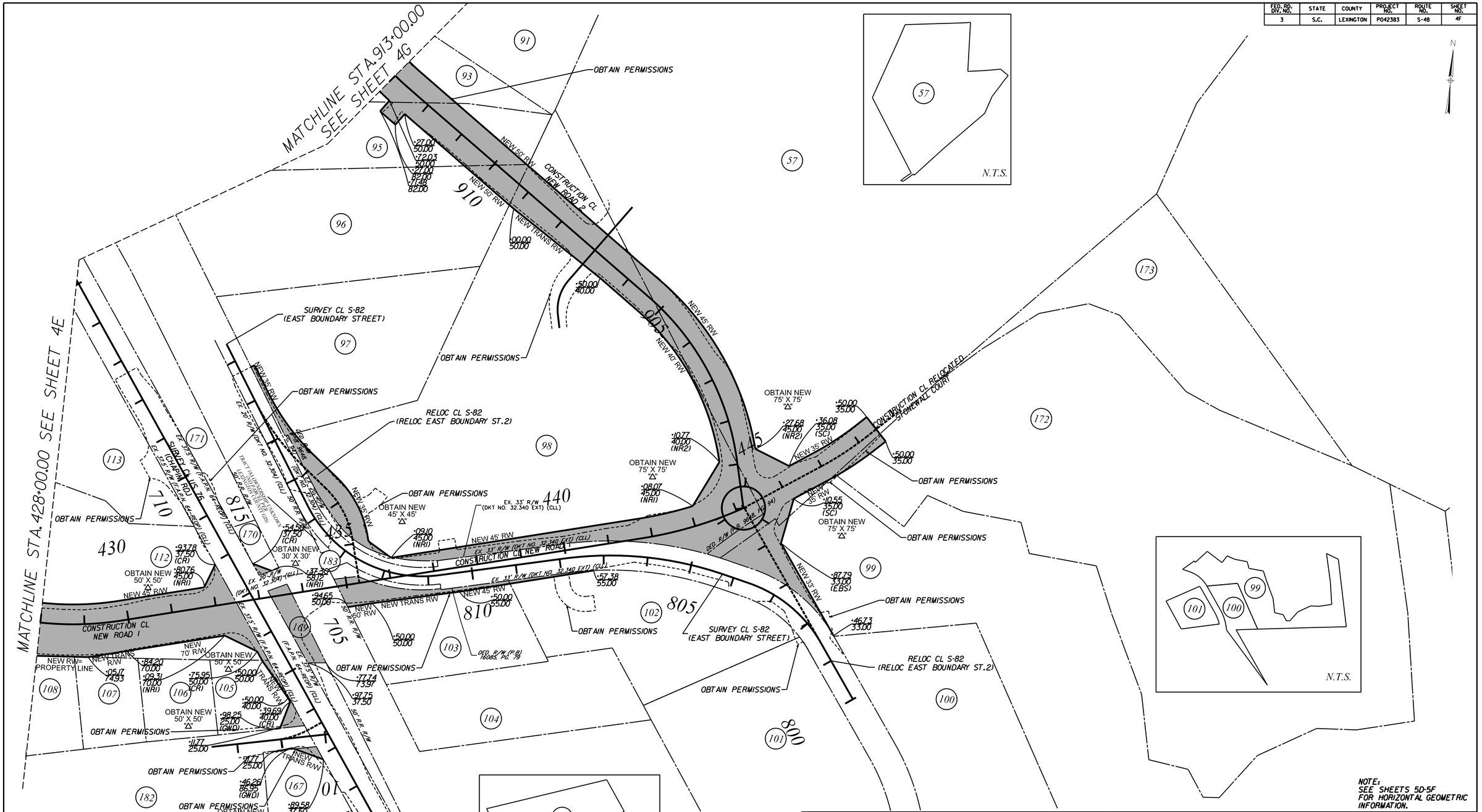
SCALE: 1" = 200' (11"x17") / 1" = 100' (22"x36")

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PROPERTY STRIP MAP

SHEET 4E

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	4F



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NOT FOR CONSTRUCTION

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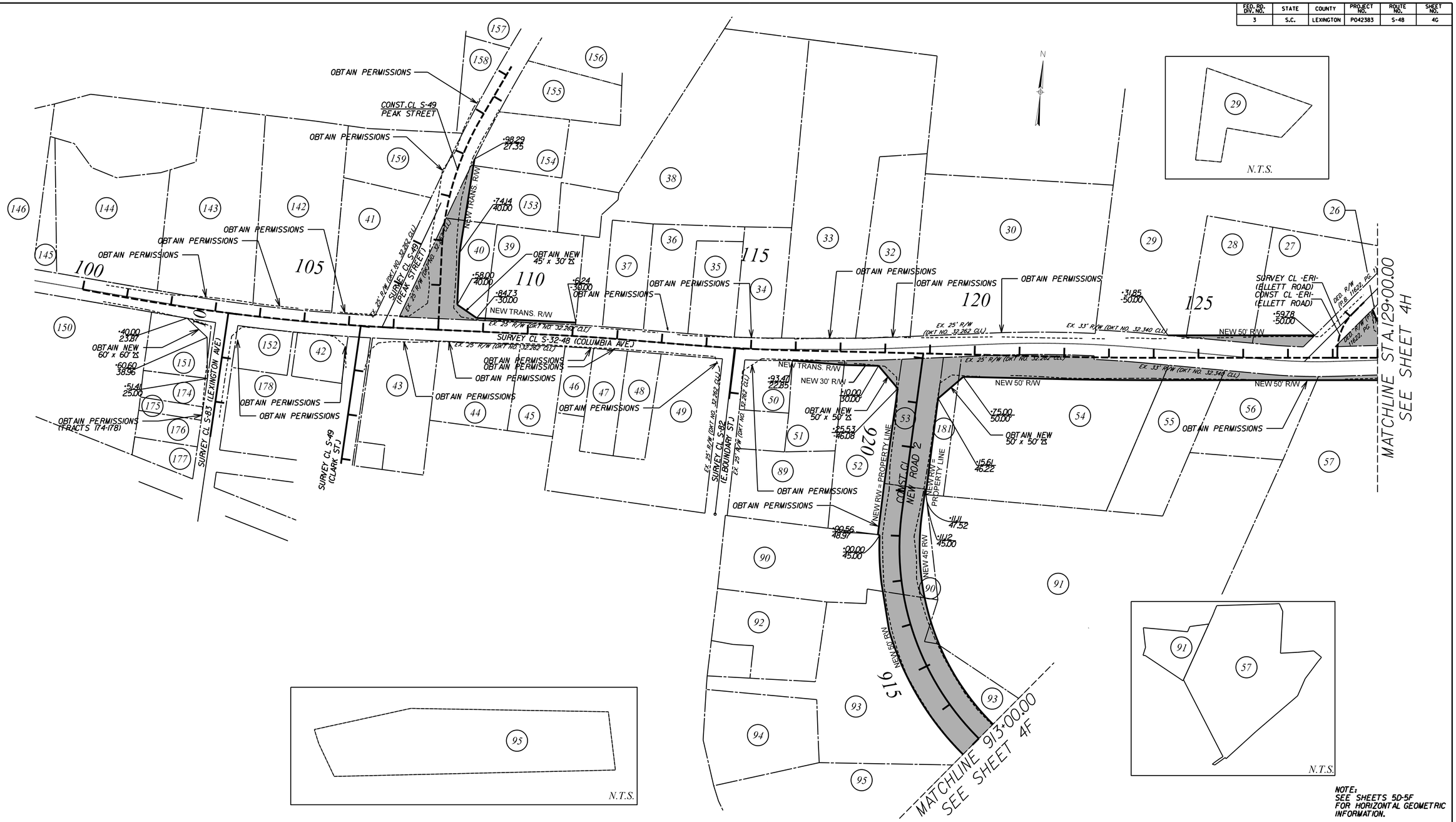
DWG. _____ DATE _____ FILE $FILE$
CKD. _____ DATE _____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PROPERTY STRIP MAP

SCALE: 1" = 200' (11"x17") / 1" = 100' (22"x36") | SHEET 4F

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	4G



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PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. _____ DATE _____
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FILE
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$DATE$ $TIME$

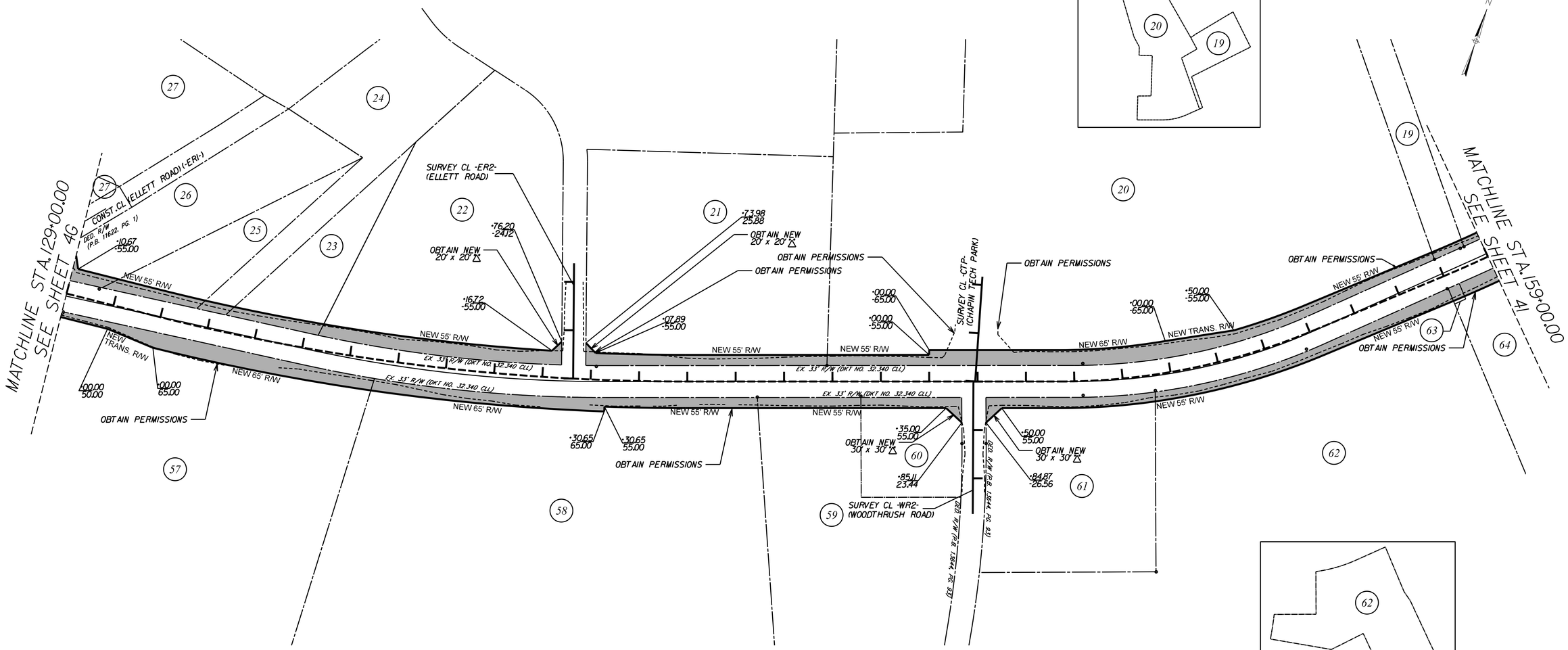
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

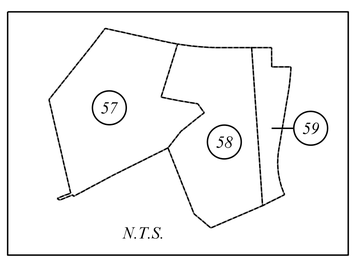
PROPERTY STRIP MAP

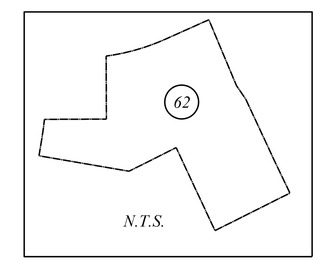
SCALE: 1" = 200' (11"x17") / 1" = 100' (22"x36")

SHEET 4G

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	4H







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PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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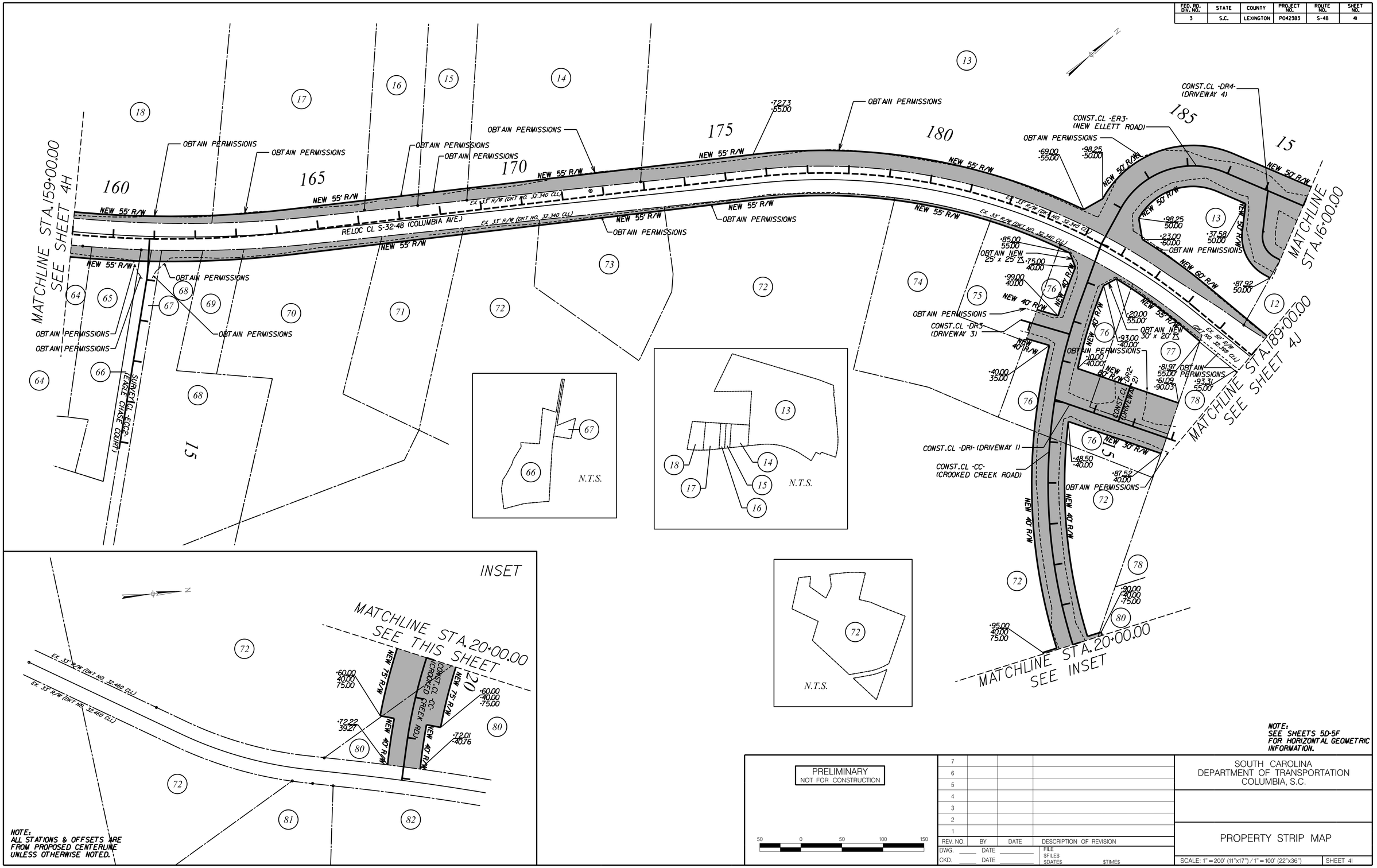
DWG. ____ DATE ____ FILE
CKD. ____ DATE ____ $FILE$ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PROPERTY STRIP MAP

SCALE: 1" = 200' (11"x17") / 1" = 100' (22"x36") | SHEET 4H

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	4I



PRELIMINARY
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. _____ DATE _____ FILE $FILE$
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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PROPERTY STRIP MAP

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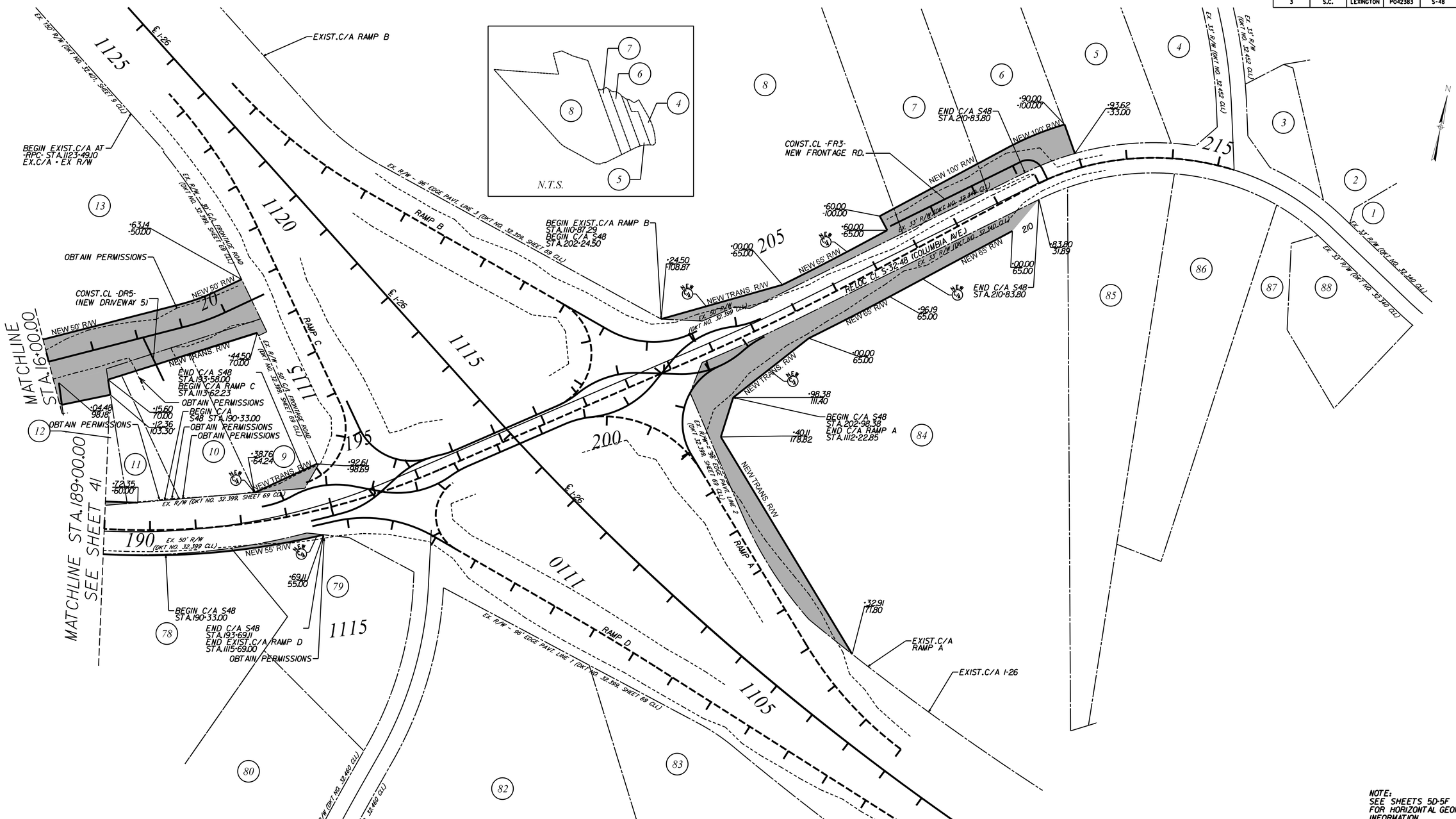
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	4J



NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

NOTE:
SEE SHEETS 5D-5F FOR HORIZONTAL GEOMETRIC INFORMATION.

PRELIMINARY
NOT FOR CONSTRUCTION

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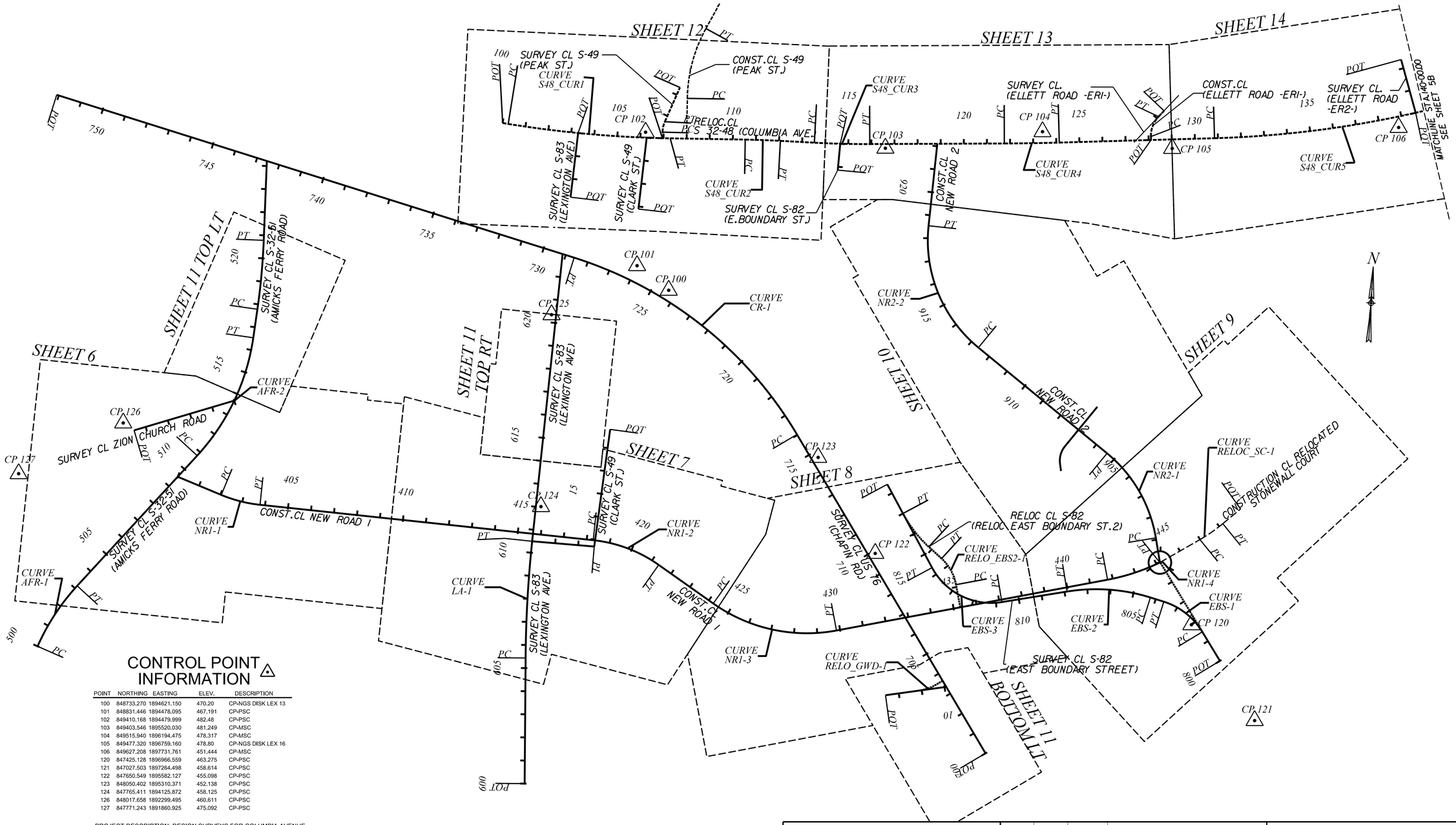
DWG. _____ DATE _____ FILE $FILE$
CKD. _____ DATE _____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PROPERTY STRIP MAP

SCALE: 1" = 200' (11"x17") / 1" = 100' (22"x36") | SHEET 4J

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	5A



CONTROL POINT INFORMATION

POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
100	848733.270	1894621.150	470.20	CP-NGS DISK LEX 13
101	848831.446	1894478.095	467.191	CP-PSC
102	849410.168	1894479.999	482.48	CP-PSC
103	849403.546	1895520.030	481.249	CP-MSC
104	849515.940	1896194.475	478.317	CP-MSC
105	849477.320	1896759.160	478.80	CP-NGS DISK LEX 16
106	849627.208	1897731.761	451.444	CP-MSC
120	847425.128	1896966.559	463.275	CP-PSC
121	847027.503	1897264.498	458.614	CP-PSC
122	847650.549	1895582.127	455.098	CP-PSC
123	848050.402	1895310.371	452.138	CP-PSC
124	847765.411	1894125.872	458.125	CP-PSC
126	848017.658	1892299.495	460.611	CP-PSC
127	847771.243	1891860.925	475.092	CP-PSC

PROJECT DESCRIPTION: DESIGN SURVEYS FOR COLUMBIA AVENUE
COUNTY: LEXINGTON, SOUTH CAROLINA

==========

DATUM DESCRIPTION:

THE GRID COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON NAD 83 (2011) SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM.
A COMBINED SCALE FACTOR FOR EACH PRIMARY SURVEY CONTROL POINT IS GIVEN AND MUST BE APPLIED TO HORIZONTAL GROUND DISTANCES.
ELEVATIONS FOR THIS PROJECT ARE BASED ON NAVD 88 VALUES FOR PSC NUMBER 105 WITH AN ELEVATION OF 478.80.

==========

NOTES:

SEE SHEET 5D THRU 5F
FOR CENTERLINE GEOMETRIC INFORMATION

SEE INDIVIDUAL PLAN SHEETS FOR SIDEROAD AND DRIVEWAY TIE EQUALITIES

PRELIMINARY
NOT FOR CONSTRUCTION

0 200 400 600 800

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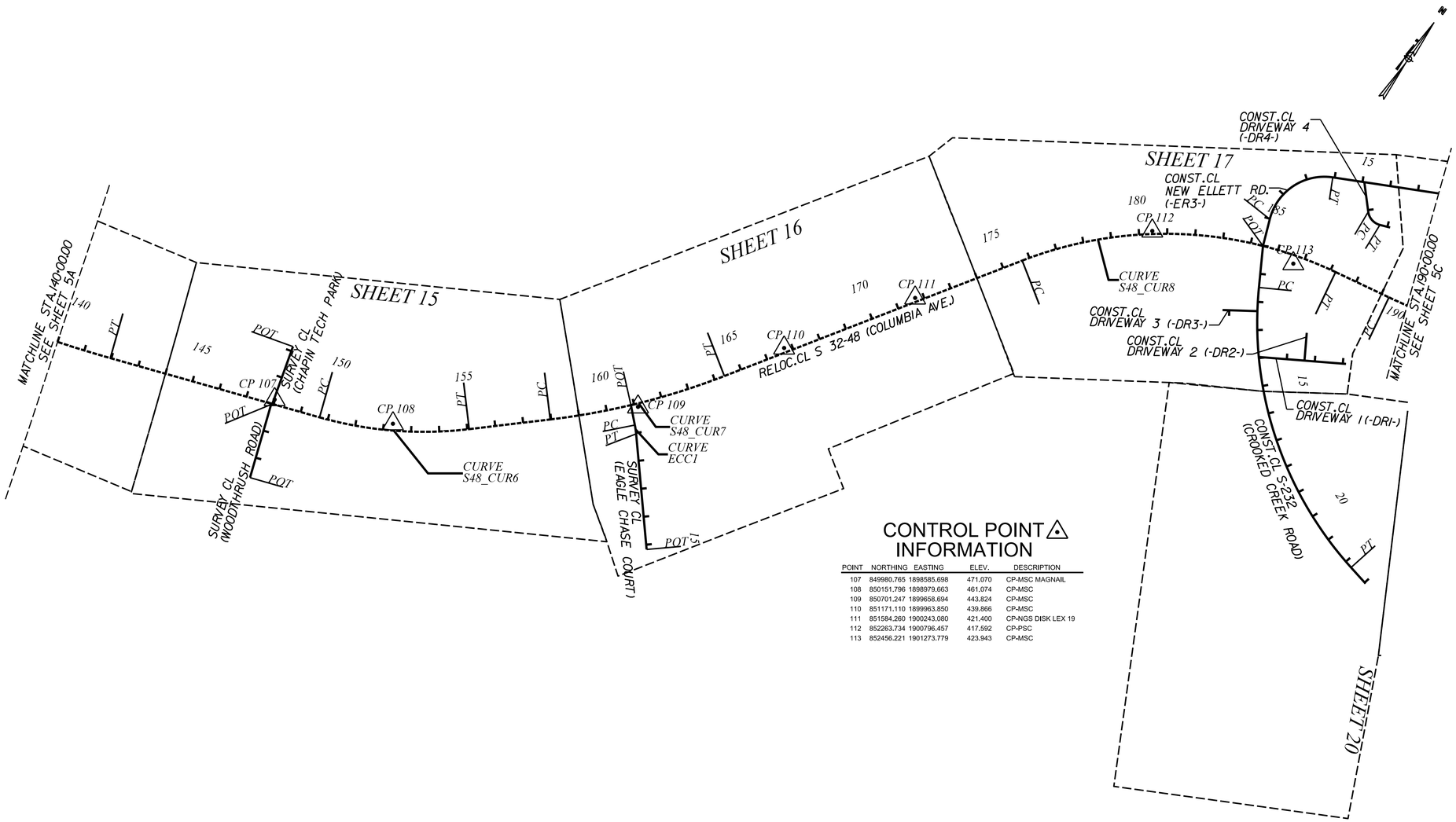
CKD. _____ DATE _____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

GEOMETRIC DATA
& REFERENCE SHEET

SCALE: 1" = 400' (11"x17") / 1" = 200' (22"x36") | SHEET 5A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	5B



CONTROL POINT INFORMATION

POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
107	849980.765	1898585.698	471.070	CP-MSC MAGNAIL
108	850151.796	1898979.663	461.074	CP-MSC
109	850701.247	1899658.694	443.824	CP-MSC
110	851171.110	1899963.850	439.866	CP-MSC
111	851584.260	1900243.080	421.400	CP-NGS DISK LEX 19
112	852263.734	1900796.457	417.592	CP-PSC
113	852456.221	1901273.779	423.943	CP-MSC

NOTES:

SEE SHEET 5D THRU 5F
FOR CENTERLINE GEOMETRIC INFORMATION

SEE INDIVIDUAL PLAN SHEETS FOR SIDEROAD
AND DRIVEWAY TIE EQUALITIES

PRELIMINARY
NOT FOR CONSTRUCTION

0 200 400 600 800

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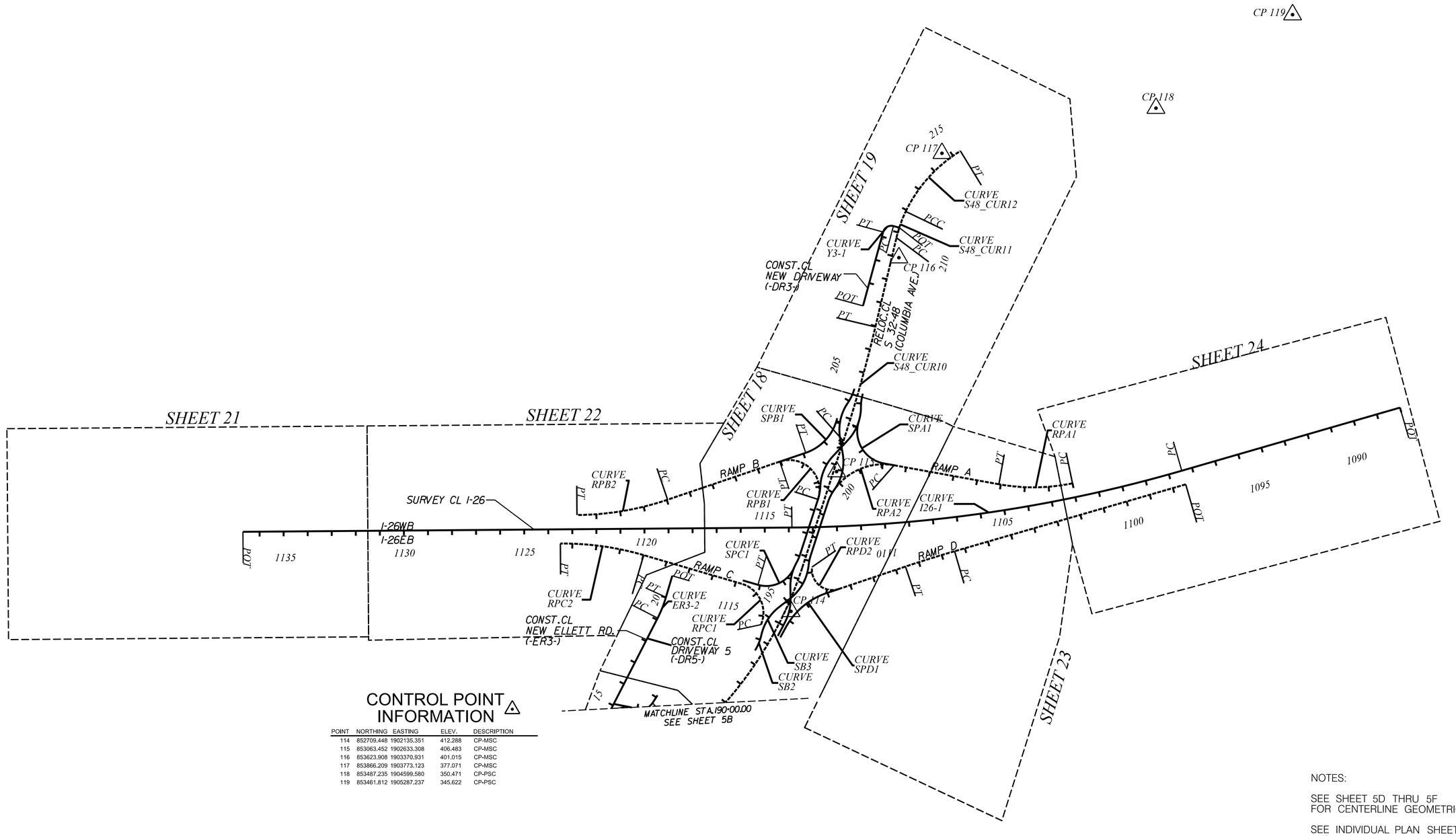
DWG. ____ DATE _____ FILE
CKD. ____ DATE _____ $FILE$ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

GEOMETRIC DATA
& REFERENCE SHEET

SCALE: 1" = 400' (11"x17") / 1" = 200' (22"x36") | SHEET 5B

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	5C



CONTROL POINT INFORMATION

POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
114	852709.448	1902135.351	412.288	CP-MSC
115	853063.452	1902633.308	406.483	CP-MSC
116	853623.908	1903370.931	401.015	CP-MSC
117	853866.209	1903773.123	377.071	CP-MSC
118	853487.235	1904599.580	350.471	CP-PSC
119	853461.812	1905287.237	345.622	CP-PSC

NOTES:

SEE SHEET 5D THRU 5F
FOR CENTERLINE GEOMETRIC INFORMATION

SEE INDIVIDUAL PLAN SHEETS FOR SIDEROAD
AND DRIVEWAY TIE EQUALITIES

PRELIMINARY
NOT FOR CONSTRUCTION

0 200 400 600 800

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

GEOMETRIC DATA
& REFERENCE SHEET

SCALE: 1" = 400' (11"x17") / 1" = 200' (22"x36") | SHEET 5C

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	50

S-48 (COLUMBIA AVE.) BASELINE

<* 1 Describe Chain S48

Chain S48 contains:
48000 CUR S48_CUR1 CUR S48_CUR2 CUR S48_CUR3 CUR S48_CUR4 CUR S48_CUR5 CUR S48-_CUR6 CUR S48_CUR7 CUR S48_CUR8 CUR S48_CUR9 CUR S48_CUR10 CUR S48_CUR11 CUR S4-8_CUR12

Beginning chain S48 description
==========

Point 48000 N 849,412.5000 E 1,893,860.2104 Sta 100+00.00

Course from 48000 to PC S48_CUR1 S 84^ 15' 42.50" E Dist 24.3427

Curve Data

Curve S48_CUR1
P.I. Station 103+77.12 N 849,374.7939 E 1,894,235.4452
Delta = 8^ 13' 24.87" (LT)
Degree = 1^ 10' 03.13"
Tangent = 352.7819
Length = 704.3521
Radius = 4,907.4042
External = 12.6640
Long Chord = 703.7477
Mid. Ord. = 12.6314
P.C. Station 100+24.34 N 849,410.0661 E 1,893,884.4311
P.T. Station 107+28.69 N 849,390.0921 E 1,894,587.8952
C.C. N 854,292.8800 E 1,894,375.0883
Back = S 84^ 15' 42.50" E
Ahead = N 87^ 30' 52.63" E
Chord Bear = S 88^ 22' 24.93" E

Course from PT S48_CUR1 to PC S48_CUR2 N 87^ 30' 52.63" E Dist 324.8604

Curve Data

Curve S48_CUR2
P.I. Station 111+29.69 N 849,407.4810 E 1,894,988.5114
Delta = 2^ 07' 40.67" (RT)
Degree = 1^ 23' 51.69"
Tangent = 76.1330
Length = 152.2484
Radius = 4,099.3160
External = 0.7069
Long Chord = 152.2397
Mid. Ord. = 0.7068
P.C. Station 110+53.56 N 849,404.1795 E 1,894,912.4500
P.T. Station 112+05.80 N 849,407.9559 E 1,895,064.6429
C.C. N 845,308.7196 E 1,895,090.2146
Back = N 87^ 30' 52.63" E
Ahead = N 89^ 38' 33.30" E
Chord Bear = N 88^ 34' 42.97" E

Course from PT S48_CUR2 to PC S48_CUR3 N 89^ 38' 33.30" E Dist 147.1633

Curve Data

Curve S48_CUR3
P.I. Station 114+73.05 N 849,409.6230 E 1,895,331.8805
Delta = 3^ 21' 18.59" (LT)
Degree = 1^ 23' 50.85"
Tangent = 120.0796
Length = 240.0905
Radius = 4,100.0000
External = 1.7580
Long Chord = 240.0562
Mid. Ord. = 1.7573
P.C. Station 113+52.97 N 849,408.8739 E 1,895,211.8033
P.T. Station 115+93.06 N 849,417.3983 E 1,895,451.7081
C.C. N 853,508.7941 E 1,895,186.2273
Back = N 89^ 38' 33.30" E
Ahead = N 86^ 17' 14.71" E
Chord Bear = N 87^ 57' 54.01" E

Course from PT S48_CUR3 to PC S48_CUR4 N 86^ 17' 14.71" E Dist 582.3045

Curve Data

Curve S48_CUR4
P.I. Station 122+94.29 N 849,462.8039 E 1,896,151.4656
Delta = 1^ 21' 45.76" (LT)
Degree = 0^ 34' 22.65"
Tangent = 118.9246
Length = 237.8379
Radius = 10,000.0000
External = 0.7071
Long Chord = 237.8323
Mid. Ord. = 0.7071
P.C. Station 121+75.36 N 849,455.1033 E 1,896,032.7906
P.T. Station 124+13.20 N 849,473.3245 E 1,896,269.9239
C.C. N 859,434.1176 E 1,895,385.2765
Back = N 86^ 17' 14.71" E
Ahead = N 84^ 55' 28.95" E
Chord Bear = N 85^ 36' 21.83" E

Course from PT S48_CUR4 to PC S48_CUR5 N 84^ 55' 28.95" E Dist 672.0077

Curve Data

Curve S48_CUR5
P.I. Station 136+43.52 N 849,582.1641 E 1,897,495.4164
Delta = 14^ 08' 41.73" (LT)
Degree = 1^ 16' 23.66"
Tangent = 558.3085
Length = 1,110.9399
Radius = 4,500.0000
External = 34.5020
Long Chord = 1,108.1208
Mid. Ord. = 34.2395
P.C. Station 130+85.21 N 849,532.7735 E 1,896,939.2969
P.T. Station 141+96.15 N 849,765.9592 E 1,898,022.6049
C.C. N 854,015.1304 E 1,896,541.2056
Back = N 84^ 55' 28.95" E
Ahead = N 70^ 46' 47.22" E
Chord Bear = N 77^ 51' 08.09" E

Course from PT S48_CUR5 to PC S48_CUR6 N 70^ 46' 47.22" E Dist 773.3312

Curve Data

Curve S48_CUR6
P.I. Station 152+41.63 N 850,110.1328 E 1,899,009.8153
Delta = 22^ 37' 56.51" (LT)
Degree = 4^ 12' 46.53"
Tangent = 272.1543
Length = 537.2126
Radius = 1,360.0000
External = 26.9636
Long Chord = 533.7268
Mid. Ord. = 26.4394
P.C. Station 149+69.48 N 850,020.5397 E 1,898,752.8308
P.T. Station 155+06.69 N 850,291.7186 E 1,899,212.5332
C.C. N 851,304.7336 E 1,898,305.1190
Back = N 70^ 46' 47.22" E
Ahead = N 48^ 08' 50.71" E
Chord Bear = N 59^ 27' 48.96" E

Course from PT S48_CUR6 to PC S48_CUR7 N 48^ 08' 50.71" E Dist 290.0534

Curve Data

Curve S48_CUR7
P.I. Station 161+18.47 N 850,699.9076 E 1,899,668.2255
Delta = 14^ 22' 54.06" (LT)
Degree = 2^ 14' 48.82"
Tangent = 321.7258
Length = 640.0697
Radius = 2,550.0000
External = 20.2155
Long Chord = 638.3907
Mid. Ord. = 20.0565
P.C. Station 157+96.74 N 850,485.2469 E 1,899,428.5835
P.T. Station 164+36.81 N 850,967.3638 E 1,899,847.0402
C.C. N 852,384.6502 E 1,897,727.1819
Back = N 48^ 08' 50.71" E
Ahead = N 33^ 45' 56.65" E
Chord Bear = N 40^ 57' 23.68" E

Course from PT S48_CUR7 to PC S48_CUR8 N 33^ 45' 56.65" E Dist 1,135.9131

Curve Data

Curve S48_CUR8
P.I. Station 181+79.68 N 852,416.2354 E 1,900,815.7211
Delta = 46^ 34' 47.93" (RT)
Degree = 4^ 03' 48.71"
Tangent = 606.9500
Length = 1,146.2934
Radius = 1,410.0000
External = 125.0857
Long Chord = 1,114.9858
Mid. Ord. = 114.8932
P.C. Station 175+72.73 N 851,911.6676 E 1,900,478.3791
P.T. Station 187+19.02 N 852,518.0226 E 1,901,414.0751
C.C. N 851,127.9916 E 1,901,650.5361
Back = N 33^ 45' 56.65" E
Ahead = N 80^ 20' 44.59" E
Chord Bear = N 57^ 03' 20.62" E

Course from PT S48_CUR8 to PC S48_CUR9 N 80^ 20' 44.59" E Dist 210.0999

Curve Data

Curve S48_CUR9
P.I. Station 192+95.86 N 852,614.7597 E 1,901,982.7426
Delta = 25^ 49' 10.56" (LT)
Degree = 3^ 34' 51.55"
Tangent = 366.7369
Length = 721.0192
Radius = 1,600.0000
External = 41.4920
Long Chord = 714.9339
Mid. Ord. = 40.4432
P.C. Station 189+29.12 N 852,553.2569 E 1,901,621.1996
P.T. Station 196+50.14 N 852,827.5888 E 1,902,281.4059
C.C. N 854,130.5971 E 1,901,352.8751
Back = N 80^ 20' 44.59" E
Ahead = N 54^ 31' 34.03" E
Chord Bear = N 67^ 26' 09.31" E

Course from PT S48_CUR9 to PC S48_CUR10 N 54^ 31' 34.03" E Dist 553.3208

Curve Data

Curve S48_CUR10
P.I. Station 204+49.96 N 853,291.7515 E 1,902,932.7658
Delta = 4^ 42' 18.71" (LT)
Degree = 0^ 57' 17.75"
Tangent = 246.5021
Length = 492.7271
Radius = 6,000.0000
External = 5.0615
Long Chord = 492.5887
Mid. Ord. = 5.0572
P.C. Station 202+03.46 N 853,148.6985 E 1,902,732.0194
P.T. Station 206+96.19 N 853,450.7894 E 1,903,121.1012
C.C. N 858,034.9794 E 1,899,250.0288
Back = N 54^ 31' 34.03" E
Ahead = N 49^ 49' 15.32" E
Chord Bear = N 52^ 10' 24.68" E

Course from PT S48_CUR10 to PC S48_CUR11 N 49^ 49' 15.32" E Dist 380.8938

Curve Data

Curve S48_CUR11
P.I. Station 211+35.34 N 853,734.1214 E 1,903,456.6290
Delta = 12^ 22' 01.51" (RT)
Degree = 10^ 39' 18.51"
Tangent = 58.2598
Length = 116.0668
Radius = 537.7290
External = 3.1468
Long Chord = 115.8417
Mid. Ord. = 3.1285
P.C. Station 210+77.08 N 853,696.5340 E 1,903,412.1162
P.T. Station 211+93.15 N 853,761.3031 E 1,903,508.1591
C.C. N 853,285.6877 E 1,903,759.0424
Back = N 49^ 49' 17.89" E
Ahead = N 62^ 11' 19.40" E
Chord Bear = N 56^ 00' 18.64" E

Curve Data

Curve S48_CUR12
P.I. Station 213+69.79 N 853,843.7173 E 1,903,664.4016
Delta = 32^ 55' 03.62" (RT)
Degree = 9^ 34' 56.83"
Tangent = 176.6460
Length = 343.5204
Radius = 597.9240
External = 25.5477
Long Chord = 338.8153
Mid. Ord. = 24.5008
P.C. Station 211+93.15 N 853,761.3031 E 1,903,508.1591
P.T. Station 215+36.67 N 853,827.9927 E 1,903,840.3463
C.C. N 853,232.4424 E 1,903,787.1205
Back = N 62^ 11' 21.92" E
Ahead = S 84^ 53' 34.46" E
Chord Bear = N 78^ 38' 53.73" E

==========
Ending chain S48 description

LEXINGTON AVENUE BASELINE

* 15 Describe Chain LA2

Chain LA2 contains:
48068 48069

Beginning chain LA2 description
==========

Point 48068 N 849,389.0070 E 1,894,188.9553 Sta 10+00.00

Course from 48068 to 48069 S 3^ 16' 53.9538" W Dist 279.4934

Point 48069 N 849,109.9719 E 1,894,172.9559 Sta 12+79.49

==========
Ending chain LA2 description

PEAK STREET BASELINE

* 1 Describe Chain PS2

Chain PS2 contains:
48145 CUR PS2-1 48146 48147

Beginning chain PS2 description
==========

Point 48145 N 849,393.1842 E 1,894,659.1334 Sta 10+00.00

Course from 48145 to PC PS2-1 N 2^ 29' 07.3660" W Dist 174.1430

Curve Data

Curve PS2-1
P.I. Station 13+35.29 N 849,728.1556 E 1,894,644.5939
Delta = 27^ 50' 50.4833" (RT)
Degree = 8^ 48' 53.0471"
Tangent = 161.1438
Length = 315.9182
Radius = 650.0000
External = 19.6770
Long Chord = 312.8179
Mid. Ord. = 19.0989
P.C. Station 11+74.14 N 849,567.1633 E 1,894,651.5818
P.T. Station 14+90.06 N 849,873.7684 E 1,894,713.6175
C.C. N 849,595.3502 E 1,895,300.9703
Back = N 2^ 29' 07.3660" W
Ahead = N 25^ 21' 43.1174" E
Chord Bear = N 11^ 26' 17.8757" E

Course from PT PS2-1 to 48146 N 25^ 21' 43.1174" E Dist 132.3117

Point 48146 N 849,993.3279 E 1,894,770.2913 Sta 16+22.37

Course from 48146 to 48147 S 25^ 21' 43.1173" W Dist 132.5183

Point 48147 N 849,873.5817 E 1,894,713.5290 Sta 17+54.89

==========
Ending chain PS2 description

CLARK STREET BASELINE

* 2 Describe Chain CS

Chain CS contains:
48136 48137

Beginning chain CS description
==========

Point 48136 N 849,386.7320 E 1,894,486.1178 Sta 10+00.00

Course from 48136 to 48137 S 3^ 06' 50.9074" W Dist 310.9192

Point 48137 N 849,076.2719 E 1,894,469.2271 Sta 13+10.92

==========
Ending chain CS description

E. BOUNDARY STREET BASELINE

* 8 Describe Chain EBS2

Chain EBS2 contains:
48074 48075

Beginning chain EBS2 description
==========

Point 48074 N 849,411.1081 E 1,895,323.9565 Sta 10+00.00

Course from 48074 to 48075 S 1^ 58' 27.8382" W Dist 114.5556

Point 48075 N 849,296.6205 E 1,895,320.0098 Sta 11+14.56

==========
Ending chain EBS2 description

PRELIMINARY
NOT FOR CONSTRUCTION

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

GEOMETRIC DATA
& REFERENCE SHEET

SHEET 5D

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	5E

ELLETT ROAD BASELINE (-ER1-)

* 10 Describe Chain ER1

Chain ER1 contains:
48062 CUR ER1-1 48063

Beginning chain ER1 description
==========

Point 48062 N 849,508.4367 E 1,896,665.4683 Sta 10+00.00

Course from 48062 to PC ER1-1 N 5^ 04' 22.5763" W Dist 15.0624

Curve Data

Curve ER1-1
P.I. Station 10+64.96 N 849,573.1382 E 1,896,659.7246
Delta = 45^ 09' 10.9938" (RT)
Degree = 47^ 44' 47.3385"
Tangent = 49.8935
Length = 94.5683
Radius = 120.0000
External = 9.9591
Long Chord = 92.1401
Mid. Ord. = 9.1959
P.C. Station 10+15.06 N 849,523.4401 E 1,896,664.1364
P.T. Station 11+09.63 N 849,611.3139 E 1,896,691.8490
C.C. N 849,534.0510 E 1,896,783.6664
Back = N 5^ 04' 22.5765" W
Ahead = N 40^ 04' 48.4173" E
Chord Bear = N 17^ 30' 12.9204" E

Course from PT ER1-1 to 48063 N 40^ 04' 48.4172" E Dist 34.4545

Point 48063 N 849,637.6766 E 1,896,714.0328 Sta 11+44.09

==========
Ending chain ER1 description

ELLETT ROAD BASELINE (-ER2-)

* 11 Describe Chain ER2

Chain ER2 contains:
48128 48129

Beginning chain ER2 description
==========

Point 48128 N 849,695.1923 E 1,897,801.4179 Sta 10+00.00

Course from 48128 to 48129 N 18^ 47' 09.7597" W Dist 238.3832

Point 48129 N 849,920.8763 E 1,897,724.6502 Sta 12+38.38

==========
Ending chain ER2 description

WOODTHRUSH ROAD BASELINE

* 26 Describe Chain WR2

Chain WR2 contains:
48072 48073

Beginning chain WR2 description
==========

Point 48072 N 849,961.9171 E 1,898,584.6809 Sta 10+00.00

Course from 48072 to 48073 S 18^ 56' 27.4973" E Dist 233.8432

Point 48073 N 849,740.7357 E 1,898,660.5849 Sta 12+33.84

==========
Ending chain WR2 description

CHAPIN TECH PARK BASELINE

* 3 Describe Chain CTP2

Chain CTP2 contains:
48082 48083

Beginning chain CTP2 description
==========

Point 48082 N 849,963.0969 E 1,898,588.0648 Sta 10+00.00

Course from 48082 to 48083 N 15^ 21' 21.0553" W Dist 217.0205

Point 48083 N 850,172.4696 E 1,898,530.9603 Sta 12+17.02

==========
Ending chain CTP2 description

EAGLE CHASE COURT BASELINE

* 9 Describe Chain ECC2

Chain ECC2 contains:
48070 CUR ECC1 48071

Beginning chain ECC2 description
==========

Point 48070 N 850,691.8323 E 1,899,634.2393 Sta 10+00.00

Course from 48070 to PC ECC1 S 46^ 17' 09.5377" E Dist 72.4451

Curve Data

Curve ECC1
P.I. Station 10+88.38 N 850,630.7564 E 1,899,698.1202
Delta = 6^ 04' 51.6204" (RT)
Degree = 19^ 05' 54.9354"
Tangent = 15.9350
Length = 31.8401
Radius = 300.0000
External = 0.4229
Long Chord = 31.8251
Mid. Ord. = 0.4223
P.C. Station 10+72.45 N 850,641.7684 E 1,899,686.6025
P.T. Station 11+04.29 N 850,618.5862 E 1,899,708.4067
C.C. N 850,424.9290 E 1,899,479.2847
Back = S 46^ 17' 09.5376" E
Ahead = S 40^ 12' 17.9172" E
Chord Bear = S 43^ 14' 43.7274" E

Course from PT ECC1 to 48071 S 40^ 12' 17.9172" E Dist 412.8724

Point 48071 N 850,303.2591 E 1,899,974.9257 Sta 15+17.16

==========
Ending chain ECC2 description

CROOKED CREEK ROAD BASELINE

* 1 Describe Chain CC

Chain CC contains:
48130 CUR CC-1 48131

Beginning chain CC description
==========

Point 48130 N 852,445.9278 E 1,901,149.3933 Sta 10+00.00

Course from 48130 to PC CC-1 S 29^ 27' 13.5469" E Dist 148.4403

Curve Data

Curve CC-1
P.I. Station 17+21.61 N 851,817.5799 E 1,901,504.2264
Delta = 47^ 35' 08.4515" (LT)
Degree = 4^ 24' 26.5236"
Tangent = 573.1743
Length = 1,079.6849
Radius = 1,300.0000
External = 120.7494
Long Chord = 1,048.9205
Mid. Ord. = 110.4869
P.C. Station 11+48.44 N 852,316.6730 E 1,901,222.3845
P.T. Station 22+28.13 N 851,689.0283 E 1,902,062.7988
C.C. N 852,955.9104 E 1,902,354.3631
Back = S 29^ 27' 13.5469" E
Ahead = S 77^ 02' 21.9983" E
Chord Bear = S 53^ 14' 47.7726" E

Course from PT CC-1 to 48131 S 77^ 02' 21.9983" E Dist 76.8536

Point 48131 N 851,671.7915 E 1,902,137.6946 Sta 23+04.98

==========
Ending chain CC description

ELLETT ROAD BASELINE (-ER3-)

* 12 Describe Chain ER3

Chain ER3 contains:
48080 CUR ER3-1 CUR ER3-2 48081

Beginning chain ER3 description
==========

Point 48080 N 852,445.9273 E 1,901,149.3920 Sta 10+00.00

Course from 48080 to PC ER3-1 N 20^ 49' 09.3664" W Dist 98.2541

Curve Data

Curve ER3-1
P.I. Station 12+79.66 N 852,707.3306 E 1,901,049.9936
Delta = 84^ 25' 08.4526" (RT)
Degree = 28^ 38' 52.4031"
Tangent = 181.4094
Length = 294.6780
Radius = 200.0000
External = 70.0174
Long Chord = 268.7374
Mid. Ord. = 51.8614
P.C. Station 10+98.25 N 852,537.7661 E 1,901,114.4704
P.T. Station 13+92.93 N 852,787.9923 E 1,901,212.4838
C.C. N 852,608.8503 E 1,901,301.4116
Back = N 20^ 49' 09.3665" W
Ahead = N 63^ 35' 59.0861" E
Chord Bear = N 21^ 23' 24.8598" E

Course from PT ER3-1 to PC ER3-2 N 63^ 35' 59.0860" E Dist 514.6222

Curve Data

Curve ER3-2
P.I. Station 19+54.29 N 853,037.5935 E 1,901,715.2965
Delta = 10^ 40' 47.0342" (LT)
Degree = 11^ 27' 32.9612"
Tangent = 46.7345
Length = 93.1982
Radius = 500.0000
External = 2.1794
Long Chord = 93.0634
Mid. Ord. = 2.1699
P.C. Station 19+07.55 N 853,016.8135 E 1,901,673.4360
P.T. Station 20+00.75 N 853,065.7711 E 1,901,752.5811
C.C. N 853,464.6684 E 1,901,451.1164
Back = N 63^ 35' 59.0861" E
Ahead = N 52^ 55' 12.0518" E
Chord Bear = N 58^ 15' 35.5689" E

Course from PT ER3-2 to 48081 N 52^ 55' 12.0519" E Dist 93.1390

Point 48081 N 853,121.9273 E 1,901,826.8868 Sta 20+93.89

==========
Ending chain ER3 description

DRIVEWAY 1 BASELINE

* 1 Describe Chain DR1

Chain DR1 contains:
48210 48211

Beginning chain DR1 description
==========

Point 48210 N 852,113.9717 E 1,901,363.8384 Sta 10+00.00

Course from 48210 to 48211 N 59^ 31' 45.6553" E Dist 311.0777

Point 48211 N 852,271.7183 E 1,901,631.9528 Sta 13+11.08

==========
Ending chain DR1 description

DRIVEWAY 2 BASELINE

* 2 Describe Chain DR2

Chain DR2 contains:
48212 48213

Beginning chain DR2 description
==========

Point 48212 N 852,196.7371 E 1,901,504.5108 Sta 10+00.00

Course from 48212 to 48213 N 30^ 28' 14.3447" W Dist 98.9651

Point 48213 N 852,282.0341 E 1,901,454.3259 Sta 10+98.97

==========
Ending chain DR2 description

DRIVEWAY 3 BASELINE

* 3 Describe Chain DR3

Chain DR3 contains:
48214 48215

Beginning chain DR3 description
==========

Point 48214 N 852,244.5370 E 1,901,266.2694 Sta 10+00.00

Course from 48214 to 48215 S 56^ 49' 26.9870" W Dist 124.1166

Point 48215 N 852,176.6191 E 1,901,162.3845 Sta 11+24.12

==========
Ending chain DR3 description

DRIVEWAY 4 BASELINE

* 4 Describe Chain DR4

Chain DR4 contains:
48245 CUR DR4-1 48246

Beginning chain DR4 description
==========

Point 48245 N 852,838.4785 E 1,901,314.1865 Sta 10+00.00

Course from 48245 to PC DR4-1 S 42^ 33' 00.5889" E Dist 106.1407

Curve Data

Curve DR4-1
P.I. Station 11+43.81 N 852,732.5364 E 1,901,411.4353
Delta = 68^ 11' 17.4158" (LT)
Degree = 102^ 57' 37.4820"
Tangent = 37.6684
Length = 66.2276
Radius = 55.6484
External = 11.5502
Long Chord = 62.3878
Mid. Ord. = 9.5649
P.C. Station 11+06.14 N 852,760.2862 E 1,901,385.9626
P.T. Station 11+72.37 N 852,745.8748 E 1,901,446.6630
C.C. N 852,797.9176 E 1,901,426.9579
Back = S 42^ 33' 00.5888" E
Ahead = N 69^ 15' 41.9955" E
Chord Bear = S 76^ 38' 39.2967" E

Course from PT DR4-1 to 48246 N 69^ 15' 41.9954" E Dist 37.6171

Point 48246 N 852,759.1950 E 1,901,481.8428 Sta 12+09.99

==========
Ending chain DR4 description

DRIVEWAY 5 BASELINE

* 5 Describe Chain DR5

Chain DR5 contains:
48238 48239

Beginning chain DR5 description
==========

Point 48238 N 852,974.5560 E 1,901,588.3098 Sta 10+00.00

Course from 48238 to 48239 S 37^ 32' 53.9379" E Dist 105.0750

Point 48239 N 852,891.2484 E 1,901,652.3456 Sta 11+05.07

==========
Ending chain DR5 description

PRELIMINARY
NOT FOR CONSTRUCTION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
7			
6			
5			
4			
3			
2			
1			

DWG. _____ DATE _____
CKD. _____ DATE _____

FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

GEOMETRIC DATA
& REFERENCE SHEET

SHEET 5E

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	5F

-FR3- FRONTAGE RD. BASELINE

* 7 Describe Chain FR3

Chain FR3 contains:
48125 CUR Y3-1 48126

Beginning chain FR3 description
==========

Point 48125 N 853,723.2699 E 1,903,446.5136 Sta 10+00.00

Course from 48125 to PC Y3-1 N 38^ 22' 28.4009" W Dist 25.0918

Curve Data

Curve Y3-1
P.I. Station 10+60.03 N 853,770.3300 E 1,903,409.2482
Delta = 89^ 53' 43.3296" (LT)
Degree = 163^ 42' 08.0178"
Tangent = 34.9361
Length = 54.9140
Radius = 35.0000
External = 14.4523
Long Chord = 49.4523
Mid. Ord. = 10.2287
P.C. Station 10+25.09 N 853,742.9411 E 1,903,430.9366
P.T. Station 10+80.01 N 853,748.6917 E 1,903,381.8198
C.C. N 853,721.2131 E 1,903,403.4977
Back = N 38^ 22' 28.4011" W
Ahead = S 51^ 43' 48.2693" W
Chord Bear = N 83^ 19' 20.0659" W

Course from PT Y3-1 to 48126 S 51^ 43' 48.2693" W Dist 318.2758

Point 48126 N 853,551.5622 E 1,903,131.9410 Sta 13+98.28

==========
Ending chain FR3 description

INTERSTATE 26 BASELINE

* 13 Describe Chain I26

Chain I26 contains:
26300 CUR I26-1 26302

Beginning chain I26 description
==========

Point 26300 N 851,883.2746 E 1,904,673.8350 Sta 1088+00.00

Course from 26300 to PC I26-1 N 69^ 36' 32.8497" W Dist 944.2873

Curve Data

Curve I26-1
P.I. Station 1105+70.91 N 852,500.2985 E 1,903,013.8986
Delta = 15^ 41' 18.5587" (RT)
Degree = 0^ 57' 17.7468"
Tangent = 826.6185
Length = 1,642.8947
Radius = 6,000.0000
External = 56.6738
Long Chord = 1,637.7671
Mid. Ord. = 56.1435
P.C. Station 1097+44.29 N 852,212.2858 E 1,903,788.7190
P.T. Station 1113+87.18 N 852,987.0985 E 1,902,345.8239
C.C. N 857,836.3108 E 1,905,879.2557
Back = N 69^ 36' 32.8497" W
Ahead = N 53^ 55' 14.2910" W
Chord Bear = N 61^ 45' 53.5704" W

Course from PT I26-1 to 26302 N 53^ 55' 14.2910" W Dist 2,281.9650

Point 26302 N 854,330.9598 E 1,900,501.5351 Sta 1136+69.15

==========
Ending chain I26 description

RAMP A BASELINE

* 17 Describe Chain RPA

Chain RPA contains:
26500 CUR RPA1 CUR RPA2 26501

Beginning chain RPA description
==========

Point 26500 N 852,440.7114 E 1,903,392.6940 Sta 1102+00.00

Curve Data

Curve RPA1
P.I. Station 1103+55.90 N 852,505.9604 E 1,903,251.1100
Delta = 22^ 03' 14.4792" (RT)
Degree = 7^ 09' 43.1008"
Tangent = 155.8957
Length = 307.9322
Radius = 800.0000
External = 15.0481
Long Chord = 306.0348
Mid. Ord. = 14.7703
P.C. Station 1102+00.00 N 852,440.7114 E 1,903,392.6940
P.T. Station 1105+07.93 N 852,619.5972 E 1,903,144.3854
C.C. N 853,167.2691 E 1,903,727.5281
Back = N 65^ 15' 26.6000" W
Ahead = N 43^ 12' 12.1208" W
Chord Bear = N 54^ 13' 49.3604" W

Course from PT RPA1 to PC RPA2 N 43^ 12' 12.1208" W Dist 442.6588

Curve Data

Curve RPA2
P.I. Station 1111+09.16 N 853,057.8460 E 1,902,732.7939
Delta = 64^ 46' 13.8492" (LT)
Degree = 22^ 55' 05.9225"
Tangent = 158.5646
Length = 282.6147
Radius = 250.0000
External = 46.0452
Long Chord = 267.8048
Mid. Ord. = 38.8836
P.C. Station 1109+50.59 N 852,942.2638 E 1,902,841.3456
P.T. Station 1112+33.21 N 853,008.9156 E 1,902,581.9677
C.C. N 852,771.1163 E 1,902,659.1135
Back = N 43^ 12' 12.1208" W
Ahead = S 72^ 01' 34.0300" W
Chord Bear = N 75^ 35' 19.0454" W

Point 26501 N 853,008.9156 E 1,902,581.9677 Sta 1112+33.21

==========
Ending chain RPA description

RAMP B BASELINE

* 18 Describe Chain RPB

Chain RPB contains:
26600 CUR RPB1 CUR RPB2 26601

Beginning chain RPB description
==========

Point 26600 N 853,016.5705 E 1,902,502.6637 Sta 1111+27.67

Curve Data

Curve RPB1
P.I. Station 1113+77.05 N 853,161.2924 E 1,902,705.7521
Delta = 126^ 45' 20.1523" (LT)
Degree = 45^ 50' 11.8450"
Tangent = 249.3778
Length = 276.5378
Radius = 125.0000
External = 153.9522
Long Chord = 223.4952
Mid. Ord. = 68.9868
P.C. Station 1111+27.67 N 853,016.5705 E 1,902,502.6637
P.T. Station 1114+04.21 N 853,237.4039 E 1,902,468.2730
C.C. N 853,118.3681 E 1,902,430.1223
Back = N 54^ 31' 34.0300" E
Ahead = N 72^ 13' 46.1223" W
Chord Bear = N 8^ 51' 06.0462" W

Course from PT RPB1 to PC RPB2 N 72^ 13' 46.1223" W Dist 492.3320

Curve Data

Curve RPB2
P.I. Station 1120+89.92 N 853,446.6863 E 1,901,815.2805
Delta = 18^ 18' 31.8323" (RT)
Degree = 4^ 46' 28.7339"
Tangent = 193.3781
Length = 383.4595
Radius = 1,200.0000
External = 15.4814
Long Chord = 381.8301
Mid. Ord. = 15.2842
P.C. Station 1118+96.54 N 853,387.6662 E 1,901,999.4318
P.T. Station 1122+80.00 N 853,560.5677 E 1,901,658.9920
C.C. N 854,530.4101 E 1,902,365.6783
Back = N 72^ 13' 46.1223" W
Ahead = N 53^ 55' 14.2900" W
Chord Bear = N 63^ 04' 30.2062" W

Point 26601 N 853,560.5677 E 1,901,658.9920 Sta 1122+80.00

==========
Ending chain RPB description

RAMP C BASELINE

* 19 Describe Chain RPC

Chain RPC contains:
26700 CUR RPC1 CUR RPC2 26701

Beginning chain RPC description
==========

Point 26700 N 852,739.1747 E 1,902,002.1514 Sta 1113+62.23

Curve Data

Curve RPC1
P.I. Station 1115+03.88 N 852,810.0449 E 1,902,124.8006
Delta = 97^ 08' 49.0258" (LT)
Degree = 45^ 50' 11.8450"
Tangent = 141.6524
Length = 211.9418
Radius = 125.0000
External = 63.9191
Long Chord = 187.4512
Mid. Ord. = 42.2926
P.C. Station 1113+62.23 N 852,739.1747 E 1,902,002.1514
P.T. Station 1115+74.17 N 852,922.9239 E 1,902,039.2218
C.C. N 852,847.4055 E 1,901,939.6126
Back = N 59^ 58' 46.1600" E
Ahead = N 37^ 10' 02.8658" W
Chord Bear = N 11^ 24' 21.6471" E

Course from PT RPC1 to PC RPC2 N 37^ 10' 02.8658" W Dist 424.9521

Curve Data

Curve RPC2
P.I. Station 1121+75.82 N 853,402.3639 E 1,901,675.7359
Delta = 16^ 45' 11.4242" (LT)
Degree = 4^ 46' 28.7339"
Tangent = 176.6996
Length = 350.8776
Radius = 1,200.0000
External = 12.9397
Long Chord = 349.6290
Mid. Ord. = 12.8017
P.C. Station 1119+99.12 N 853,261.5568 E 1,901,782.4884
P.T. Station 1123+50.00 N 853,506.4232 E 1,901,532.9270
C.C. N 852,536.5807 E 1,900,826.2406
Back = N 37^ 10' 02.8658" W
Ahead = N 53^ 55' 14.2900" W
Chord Bear = N 45^ 32' 38.5779" W

Point 26701 N 853,506.4232 E 1,901,532.9270 Sta 1123+50.00

==========
Ending chain RPC description

RAMP D BASELINE

* 20 Describe Chain RPD

Chain RPD contains:
26800 CUR RPD1 CUR RPD2 26801

Beginning chain RPD description
==========

Point 26800 N 852,156.9838 E 1,903,768.1596 Sta 1097+44.29

Course from 26800 to PC RPD1 N 69^ 36' 32.8500" W Dist 1,000.0000

Curve Data

Curve RPD1
P.I. Station 1108+51.29 N 852,542.6895 E 1,902,730.5226
Delta = 2^ 27' 07.1772" (LT)
Degree = 1^ 08' 45.2961"
Tangent = 107.0047
Length = 213.9768
Radius = 5,000.0000
External = 1.1449
Long Chord = 213.9605
Mid. Ord. = 1.1446
P.C. Station 1107+44.29 N 852,505.4066 E 1,902,830.8221
P.T. Station 1109+58.27 N 852,575.6472 E 1,902,628.7198
C.C. N 847,818.7191 E 1,901,088.7083
Back = N 69^ 36' 32.8500" W
Ahead = N 72^ 03' 40.0272" W
Chord Bear = N 70^ 50' 06.4386" W

Course from PT RPD1 to PC RPD2 N 72^ 03' 40.0272" W Dist 292.2690

Curve Data

Curve RPD2
P.I. Station 1113+86.28 N 852,707.4775 E 1,902,221.5102
Delta = 115^ 53' 37.8372" (RT)
Degree = 67^ 24' 24.4779"
Tangent = 135.7484
Length = 171.9320
Radius = 85.0000
External = 75.1644
Long Chord = 144.0847
Mid. Ord. = 39.8901
P.C. Station 1112+50.54 N 852,665.6667 E 1,902,350.6593
P.T. Station 1114+22.47 N 852,805.4017 E 1,902,315.5235
C.C. N 852,746.5345 E 1,902,376.8395
Back = N 72^ 03' 40.0272" W
Ahead = N 43^ 49' 57.8100" E
Chord Bear = N 14^ 06' 51.1086" W

Point 26801 N 852,805.4017 E 1,902,315.5235 Sta 1114+22.47

==========
Ending chain RPD description

SUPERELEVATION TABLE

RTE.	D.S. (mph)	CURVE	RADIUS	E max	E	LG%(IN)	LG%(OUT)
AFR	40	AFR–2	954.91	4.00%	3.55%	0.58	0.58
NR1	40	NR1–1	600.00	4.00%	4.00%	0.58	0.58
NR1	40	NR1–2	600.00	4.00%	4.00%	0.58	0.58
NR1	40	NR1–3	700.00	4.00%	3.90%	0.58	0.58
NR1	40	NR1–4	900.17	4.00%	2.08%	0.58	0.58
NR2	40	NR2–1	600.00	4.00%	4.00%	0.58	0.58
NR2	40	NR2–2	600.00	4.00%	4.00%	0.58	0.58
RELO_EBS	25	RELO_EBS–1	205.00	4.00%	4.00%	0.70	0.70
RELO_EBS	25	RELO_EBS–2	550.00	4.00%	3.00%	0.70	0.70
LA	40	LA–1	5207.00	4.00%	RC	0.58	0.58

SUPERELEVATION TABLE

RTE.	D.S. (mph)	CURVE	RADIUS	E max	E	LG%(IN)	LG%(OUT)
S–48	40	S48 CUR1	4907.40'	4.0%	NC	0.58	0.58
S–48	40	S48 CUR2	4099.31'	4.0%	NC	0.58	0.58
S–48	40	S48 CUR3	4100.00'	4.0%	NC	0.58	0.58
S–48	40	S48 CUR4	10000.00'	4.0%	NC	0.58	0.58
S–48	40	S48 CUR5	4500.00'	4.0%	NC	0.58	0.58
S–48	40	S48 CUR6	1360.00'	4.0%	3.1%	0.58	0.58
S–48	40	S48 CUR7	2550.00'	4.0%	2.3%	0.58	0.58
S–48	40	S48 CUR8	1410.00'	4.0%	3.0%	0.58	0.58
S–48	40	S48 CUR9	1600.00'	4.0%	2.9%	0.58	0.58
S–48	40	S48 CUR10	6000.00'	4.0%	NC	0.58	0.58
S–48	40	S48 CUR11	537.73'	4.0%	4.0%	0.58	0.58
S–48	40	S48 CUR12	597.93'	4.0%	4.0%	0.58	0.58
CROOKED CREEK	40	CC1	510.00'	4.0%	4.0%	0.58	0.58
CROOKED CREEK	40	CC2	900.00'	4.0%	3.6%	0.58	0.58

NOTE: ALL ADDITIONAL SIDEROADS OR DRIVEWAYS TIE TO MATCH EXISTING CONDITIONS USING NC OR RC CROSS SLOPES. SEE CROSS SECTION SHEETS.

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NOT FOR CONSTRUCTION

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
7			
6			
5			
4			
3			
2			
1			

DWG. _____ DATE _____ FILE
CKD. _____ DATE _____ $FILE$ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

GEOMETRIC DATA
& REFERENCE SHEET

SHEET 5F

UTILITY OWNER INFORMATION

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SE Construction & Engineering
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PBT Comporium
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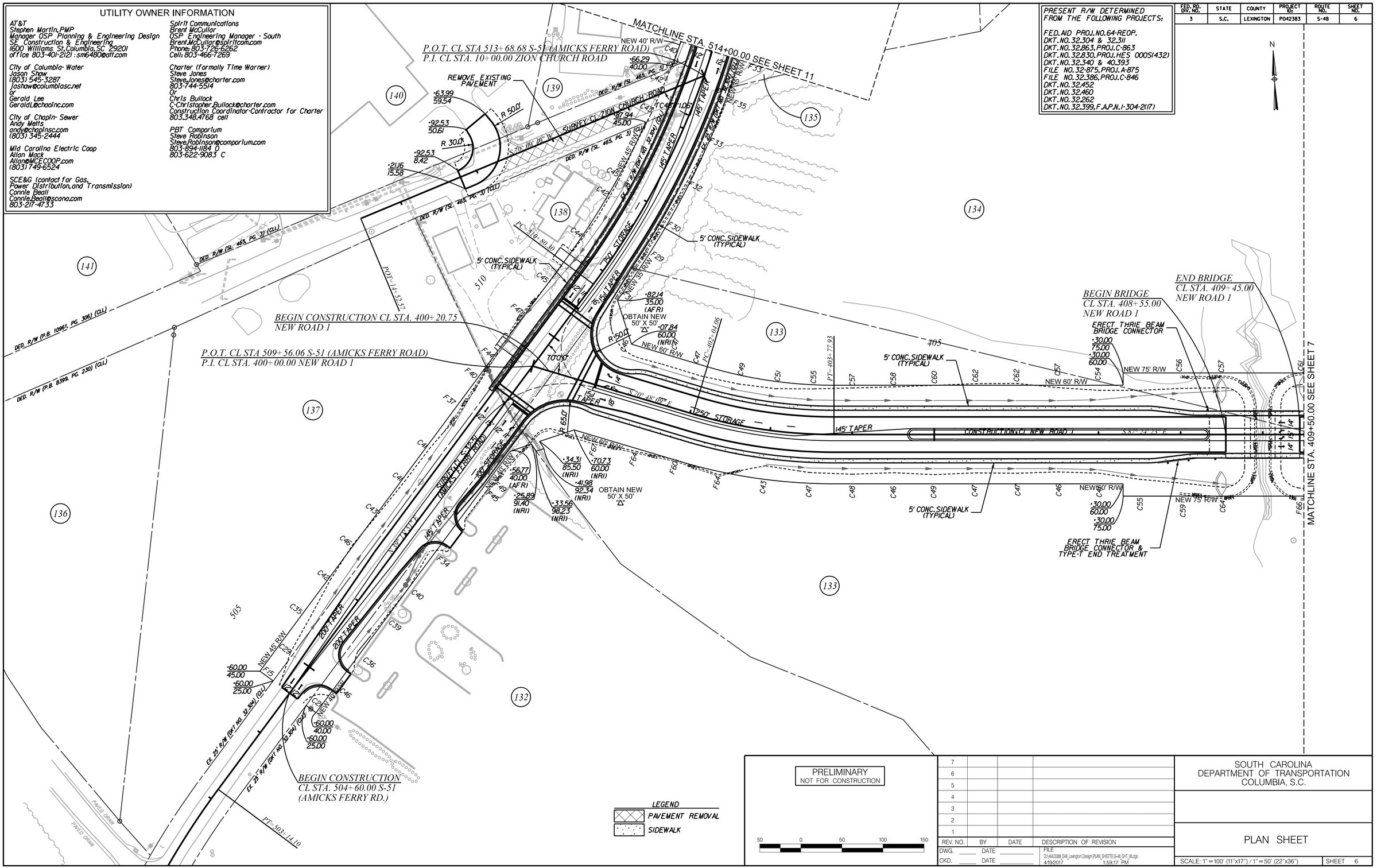
803-622-9083 C

PRESENT R/W DETERMINED FROM THE FOLLOWING PROJECTS:

FED. AID PROJ. NO. 64-REOP.
DKT. NO. 32.304 & 32.311
DKT. NO. 32.863, PROJ. C-863
DKT. NO. 32.830, PROJ. HES 0005(432)
DKT. NO. 32.340 & 40.393
FILE NO. 32-875, PROJ. A-875
FILE NO. 32.386, PROJ. C-846
DKT. NO. 32.452
DKT. NO. 32.460
DKT. NO. 32.262
DKT. NO. 32.399, F.A.P.N. I-304-2(17)

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	6



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NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____
CKD. ____ DATE ____

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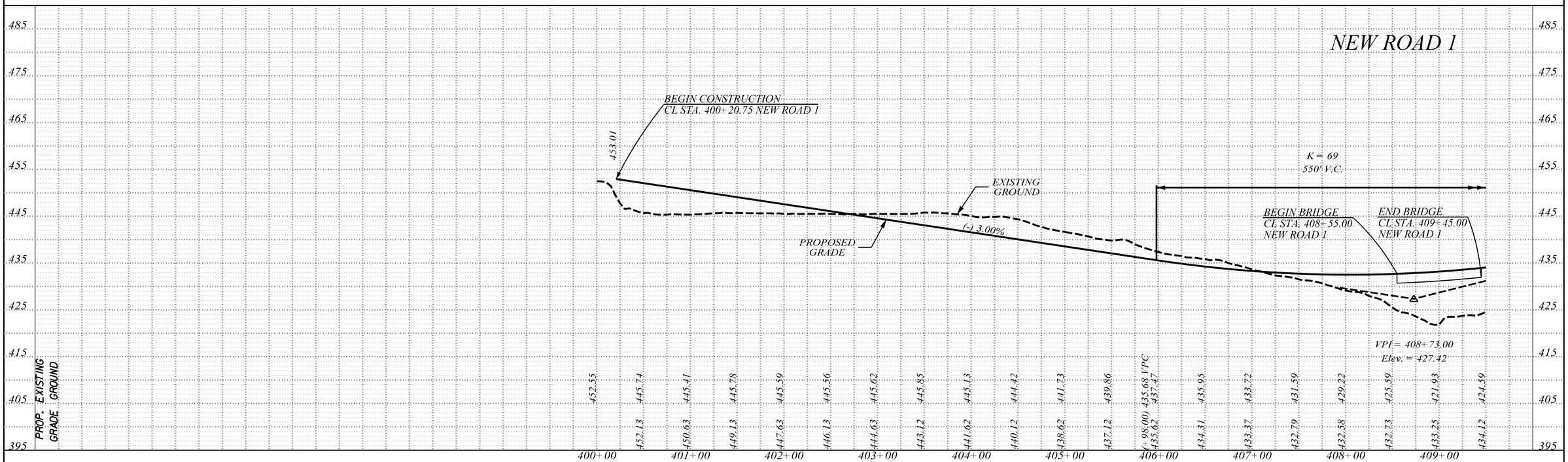
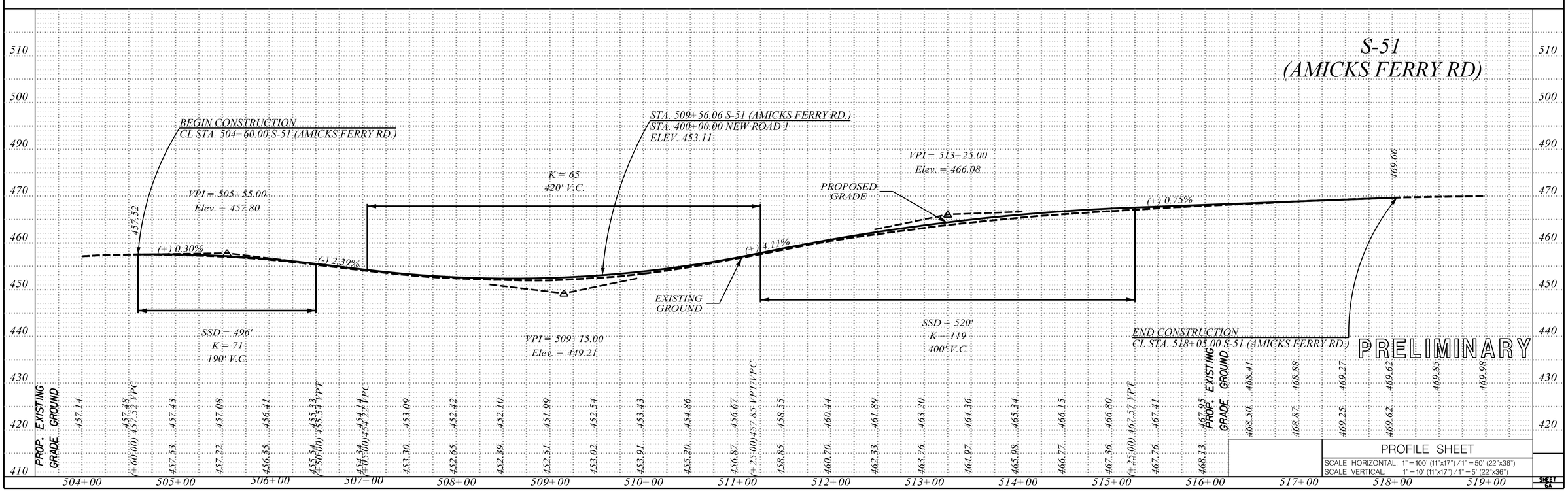
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 6

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	6A





PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 6A

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	CHECKED		
	GRADES CHECKED		
	B.M.'S NOTED		
No.	STRUCTURE NOTATIONS CHECKED		

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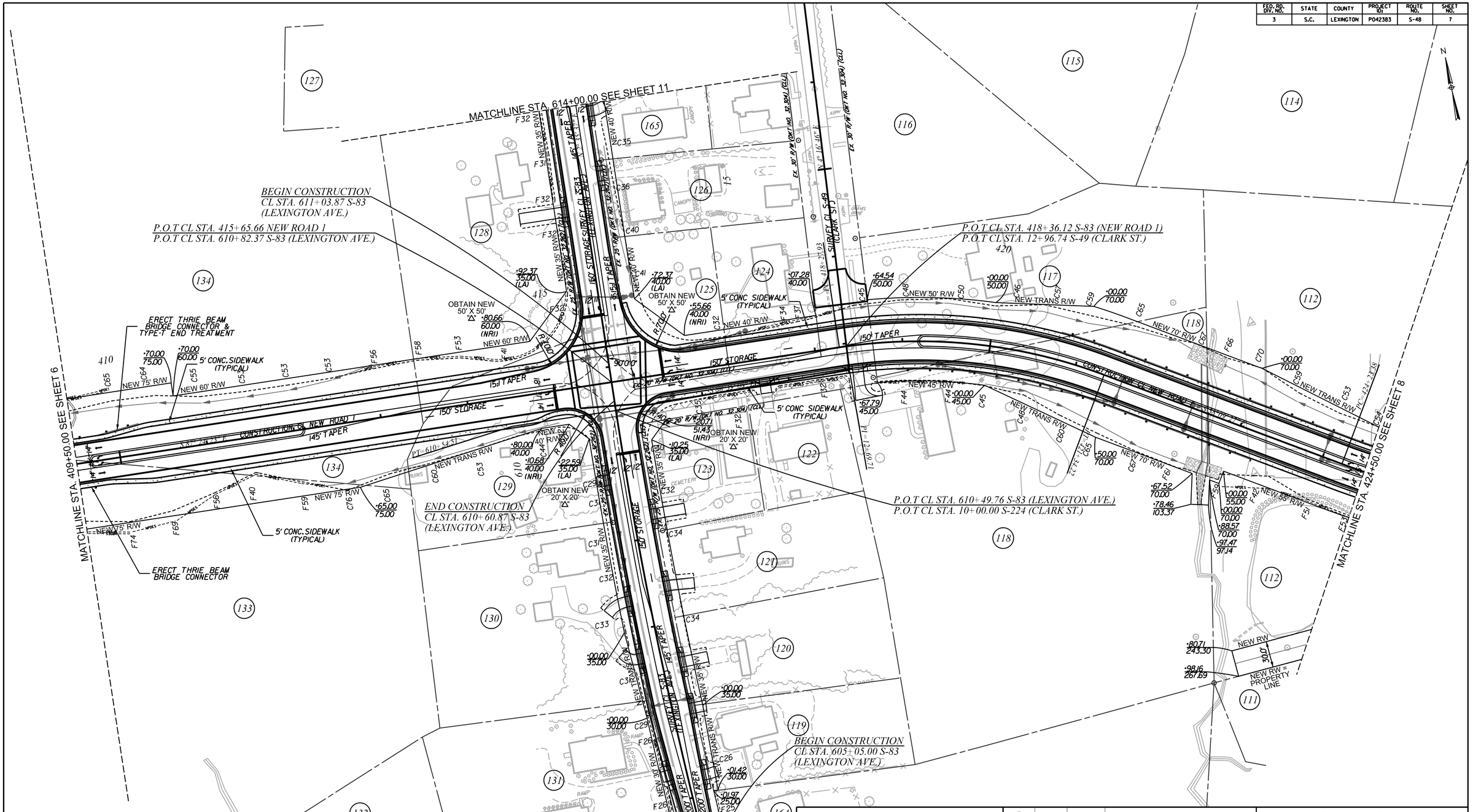
3	S.C.	LEXINGTON	P042383	S-48	7



PRELIMINARY
NOT FOR CONSTRUCTION

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DWG. _____ DATE _____
CKD. _____ DATE _____

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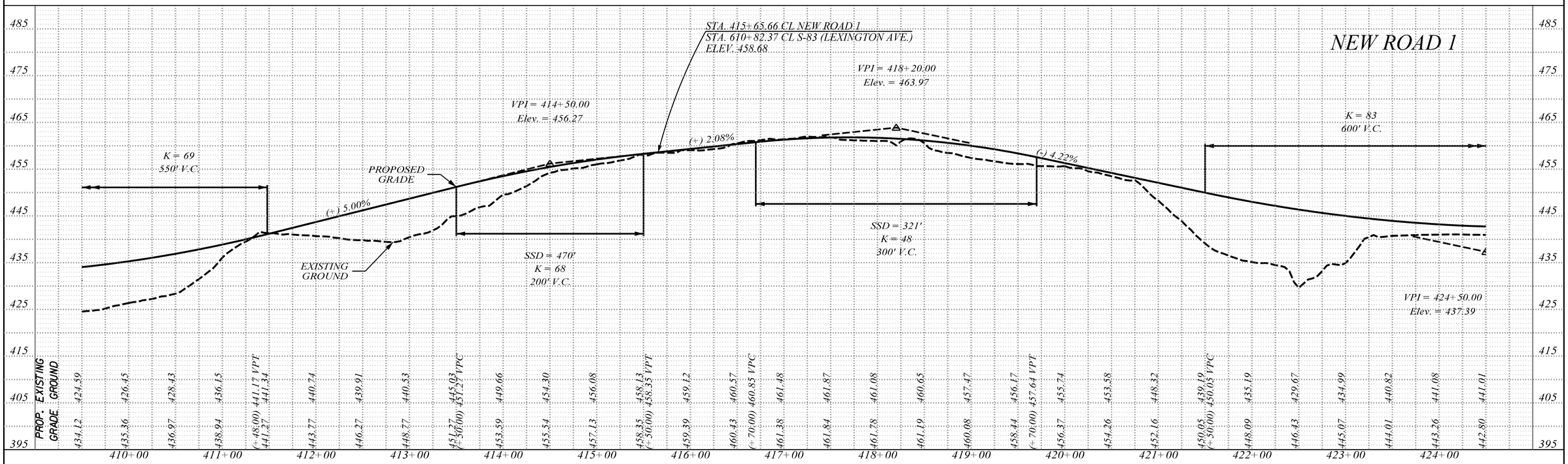
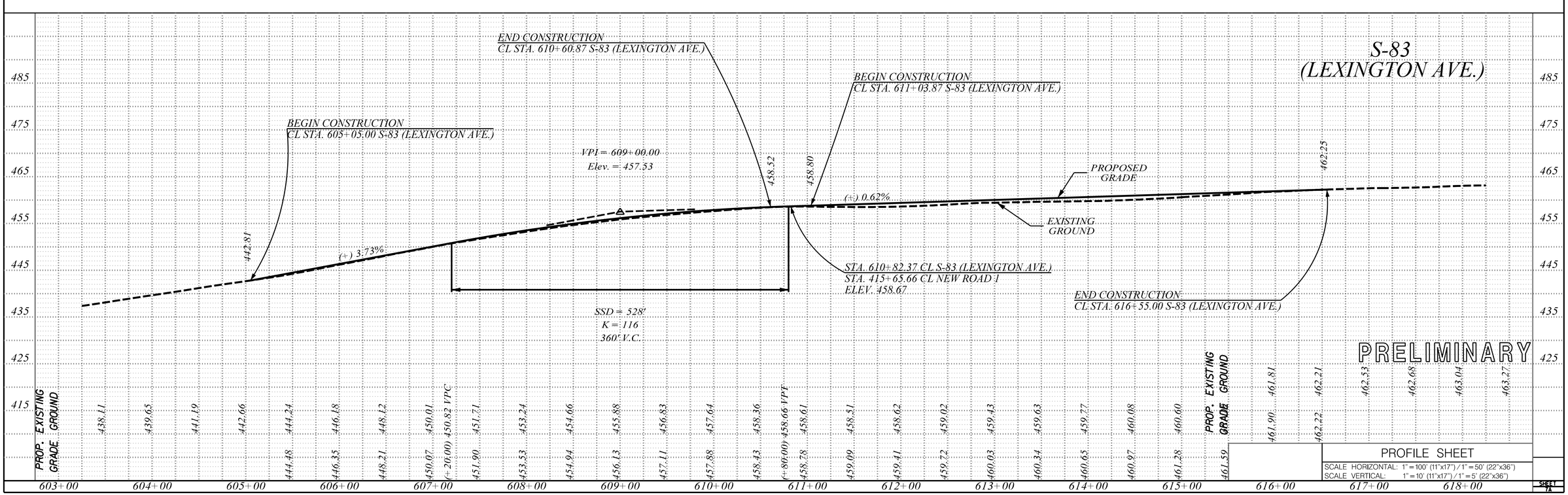
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 7

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	7A





PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 7A

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

PROFILE | SURVEYED | PLOTTED | GRADES CHECKED | B.M.'S NOTED | STRUCTURE NOTATIONS CHECKED | BY | DATE
NOTE BOOK
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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	8

END CONSTRUCTION
CL STA. 712+70.00 US 76
(CHAPIN RD.)

END CONSTRUCTION
CL STA. 817+72.00 S-82
(EAST BOUNDARY ST.)

P.O.T CL STA. 817+00.00 RELOCATED S-82
(EAST BOUNDARY ST. 2)
P.O.T CL STA. 817+00.00 S-82
(EAST BOUNDARY ST.)

RELOC. PT=817+00.00

RELOC CL S-82
(RELOC EAST BOUNDARY ST.2)

RELOC. PC=815+16.77

RELOC. PT=814+41.77

BEGIN CONSTRUCTION
CL STA. 707+05.13 US 76
(CHAPIN RD.)

STA. 432+87.04 P.O.T CL STA. NEW ROAD 1
STA.706+82.25 US 76 (CHAPIN RD)

BEGIN CONSTRUCTION
CL STA. 812+43.19 RELOCATED S-82
(EAST BOUNDARY ST. 2)

MATCHLINE STA. 424+50.00 SEE SHEET 7

MATCHLINE STA. 438+50.00 SEE SHEET 9

MATCHLINE STA. 704+75.00 SEE SHEET 11

5' CONC SIDEWALK (TYPICAL)

REMOVE EXISTING PAVEMENT

OBTAIN NEW 50' X 50'

OBTAIN NEW 30' X 30'

OBTAIN NEW 45' X 45'

NEW 45' R/W

NEW 35' R/W

NEW 55' R/W

NEW 70' R/W

NEW TRANS R/W

NEW RW = PROPERTY LINE

CONSTRUCTION CL NEW ROAD 1

S 73°56'20" E CONSTRUCTION CL NEW ROAD 1

S 77° 20' 53" W

145' TAPER

150' STORAGE

100' STORAGE

260' STORAGE

200' STORAGE

200' TAPER

SURVEY CL S-82
(EAST BOUNDARY STREET)

DED. R/W (P.B) 16085, PG. 79 (CL)

P.O.T CL STA. 812+10.69 RELOCATED S-82
(EAST BOUNDARY ST. 2)
P.O.T CL STA. 435+29.10 NEW ROAD 1

P.O.T CL STA.434+26.86 NEW ROAD 1
CL RAILROAD

END CONSTRUCTION
CL STA. 706+59.37 US 76
(CHAPIN RD.)

LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____
CKD. ____ DATE ____

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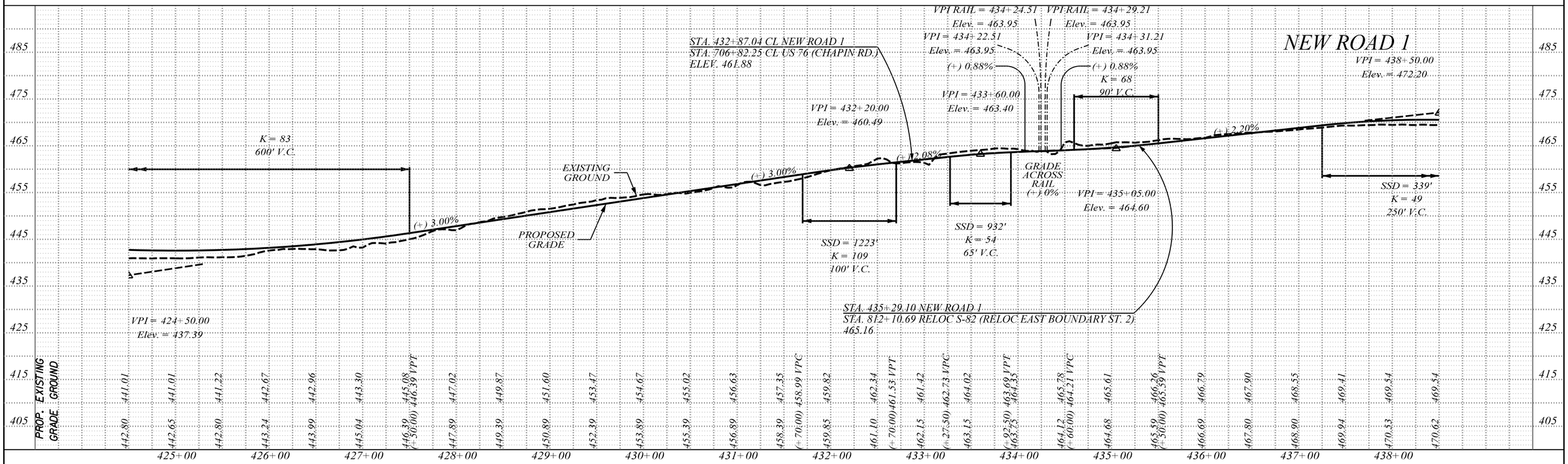
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

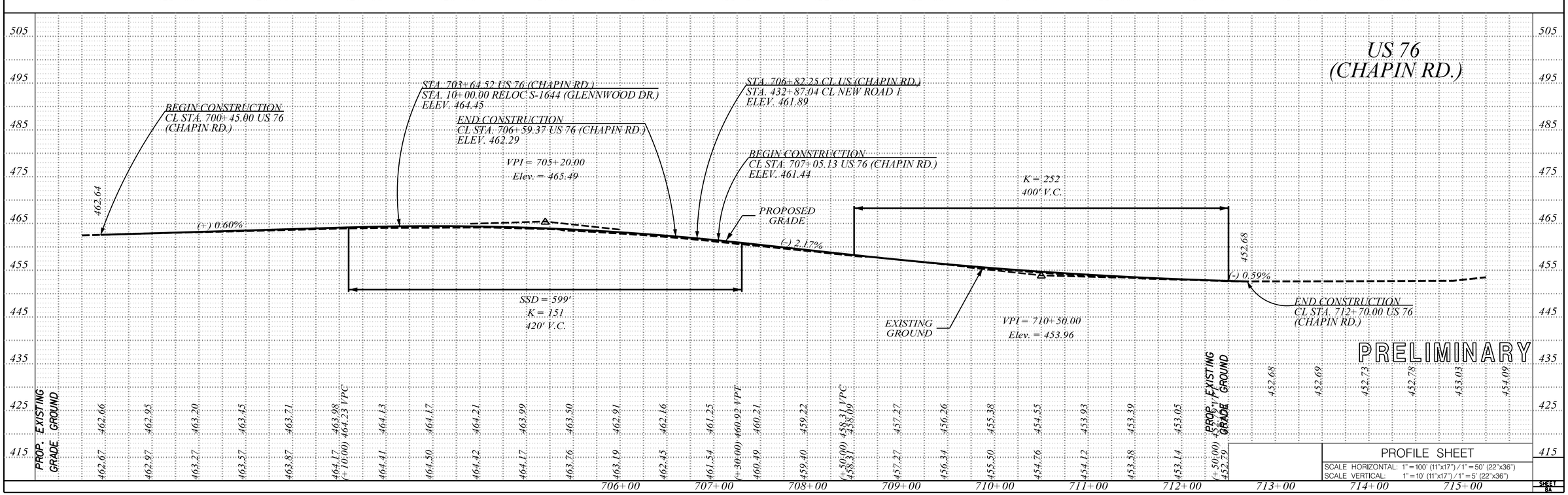
PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET 8

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	8A





PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 8A

No.	NOTE BOOK	PROFILE	BY	DATE
		SURVEYED		
		PLOTTED		
		GRADES CHECKED		
		B.M.'S NOTED		
		STRUCTURE NOTATIONS CHECKED		

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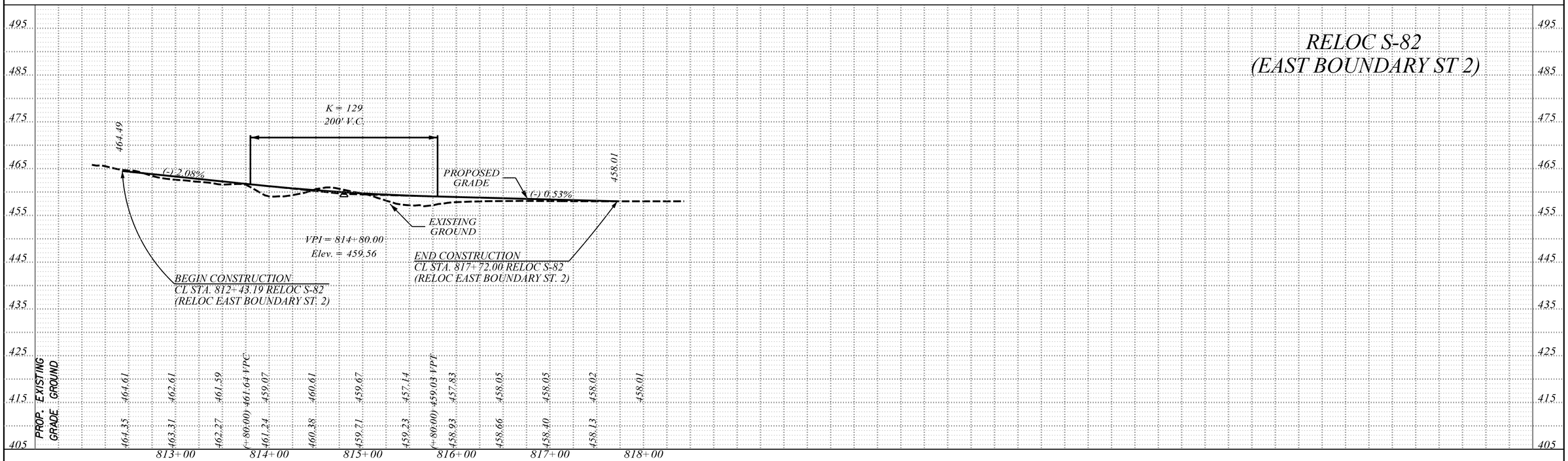
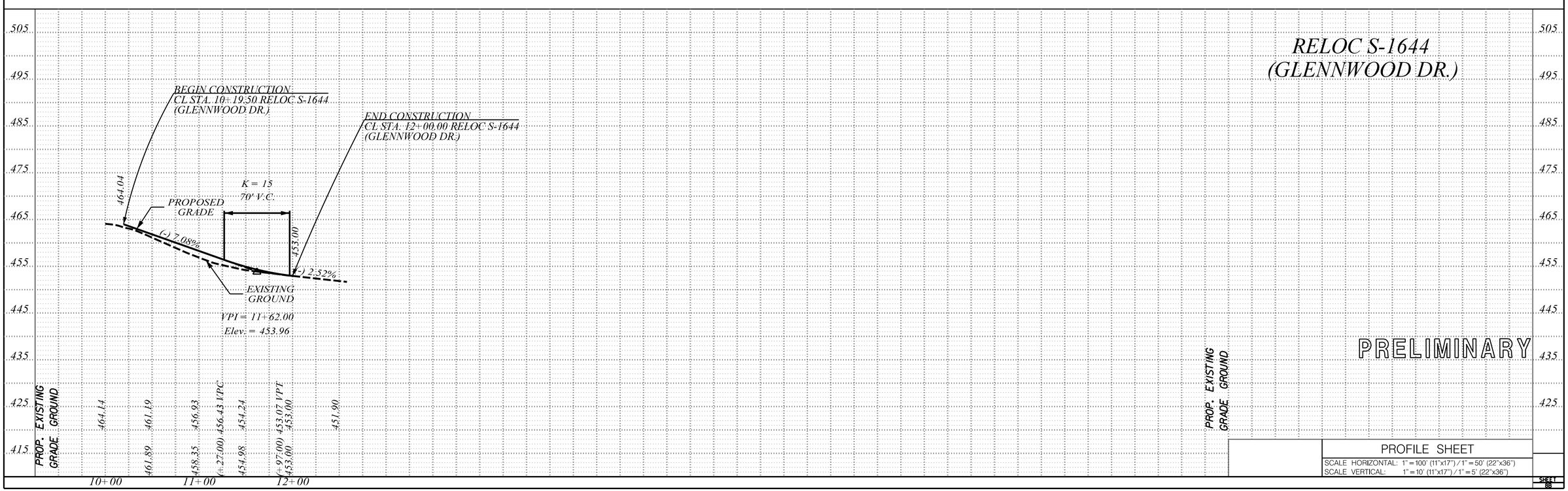
3	S.C.	LEXINGTON	P042383	S-48	8B





PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 8B

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
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DATE

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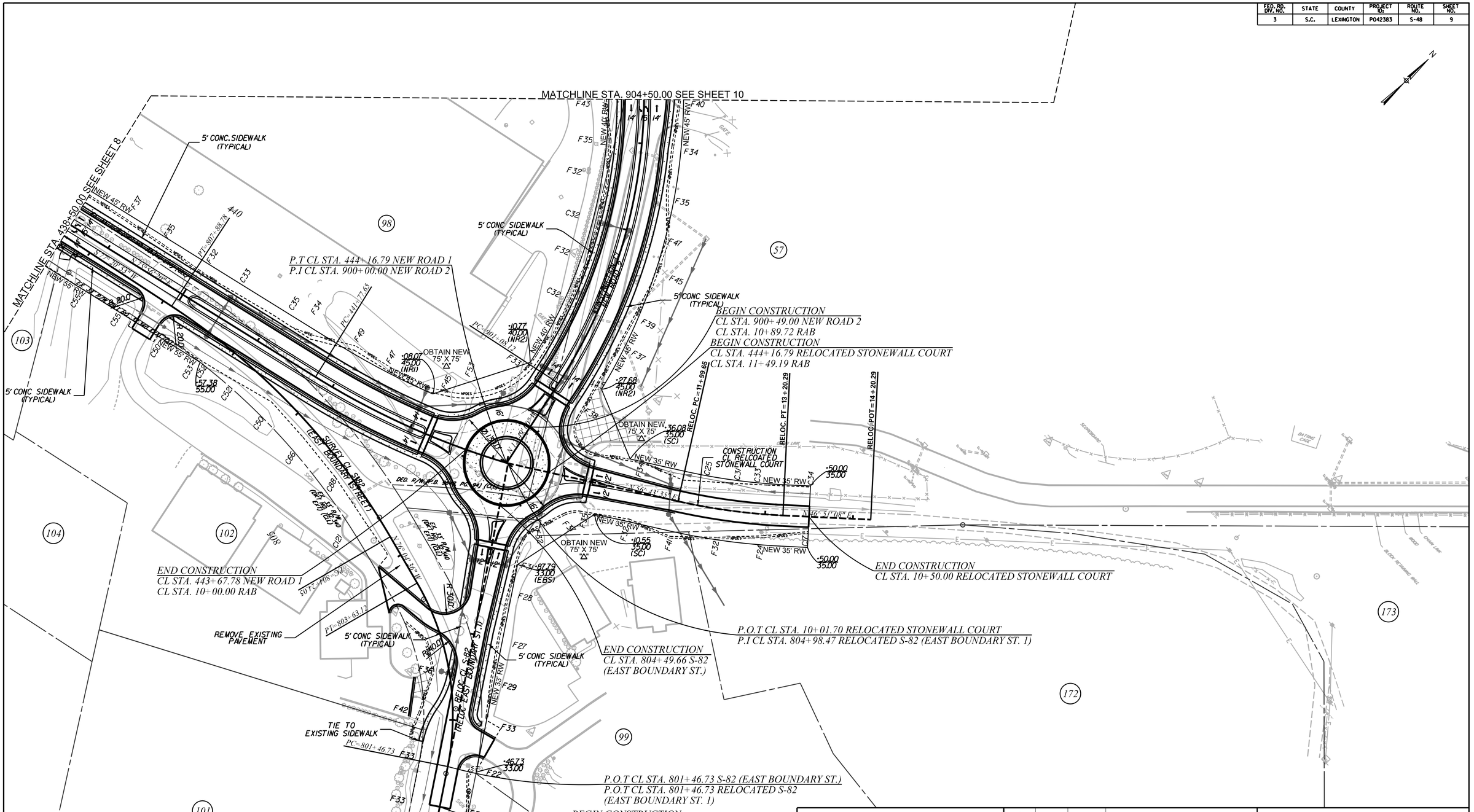
3	S.C.	LEXINGTON	P042383	S-48	9



PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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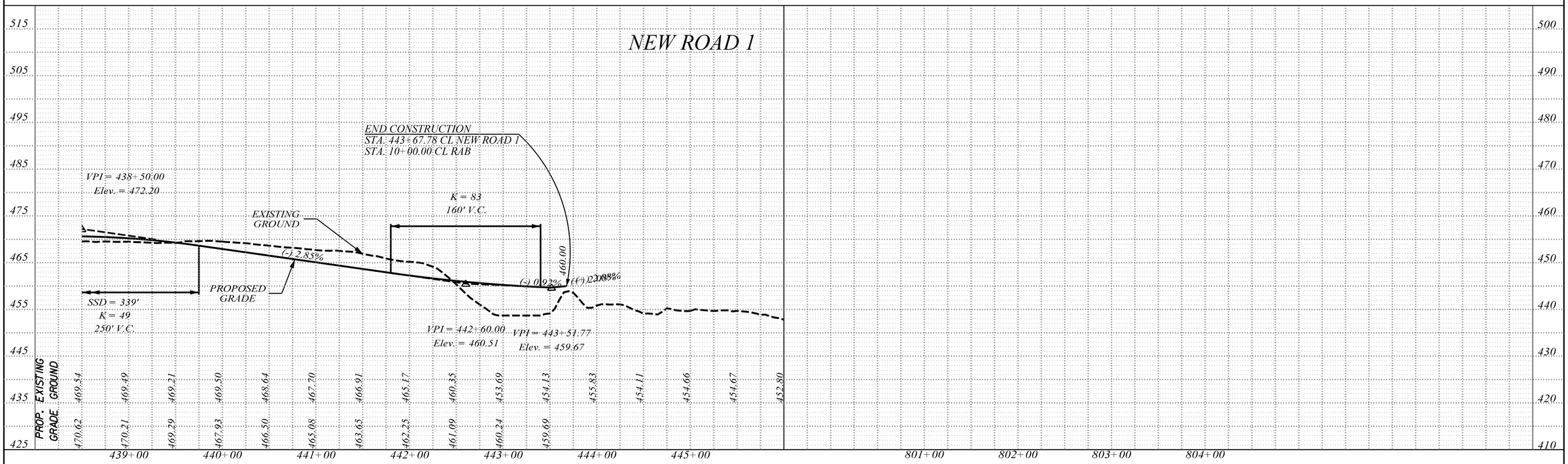
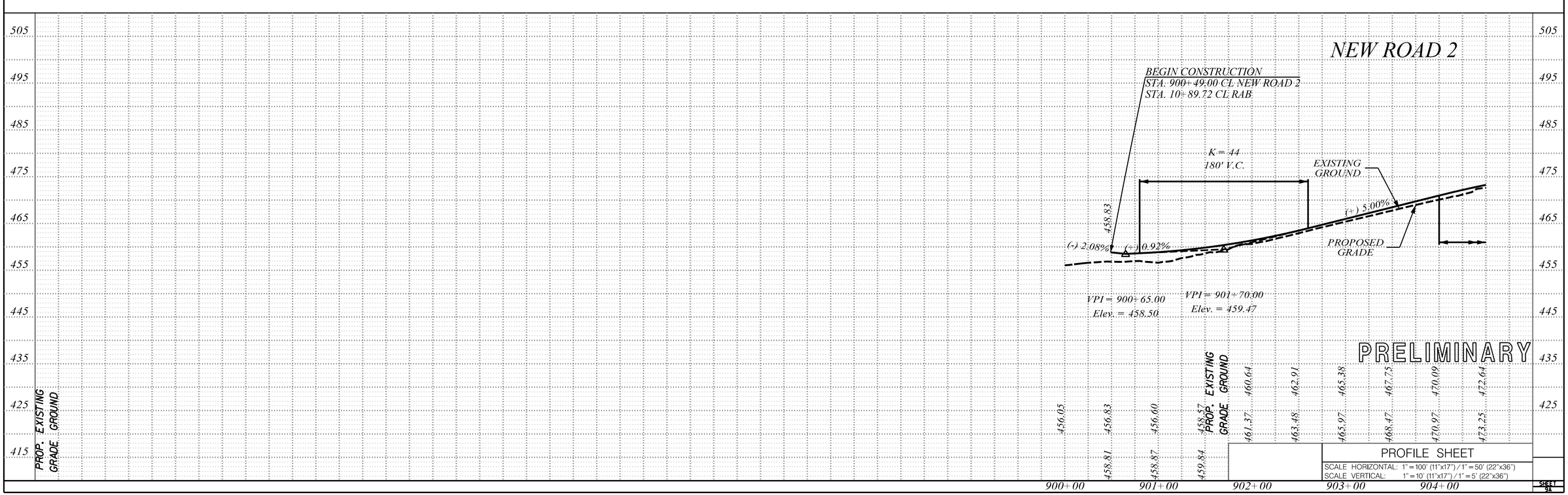
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 9

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	9A





PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 9A

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M.'S NOTED		
No.	STRUCTURE NOTATIONS CHECKED		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	GRADES CHECKED		
	B.M.'S NOTED		
No.	STRUCTURE NOTATIONS CHECKED		

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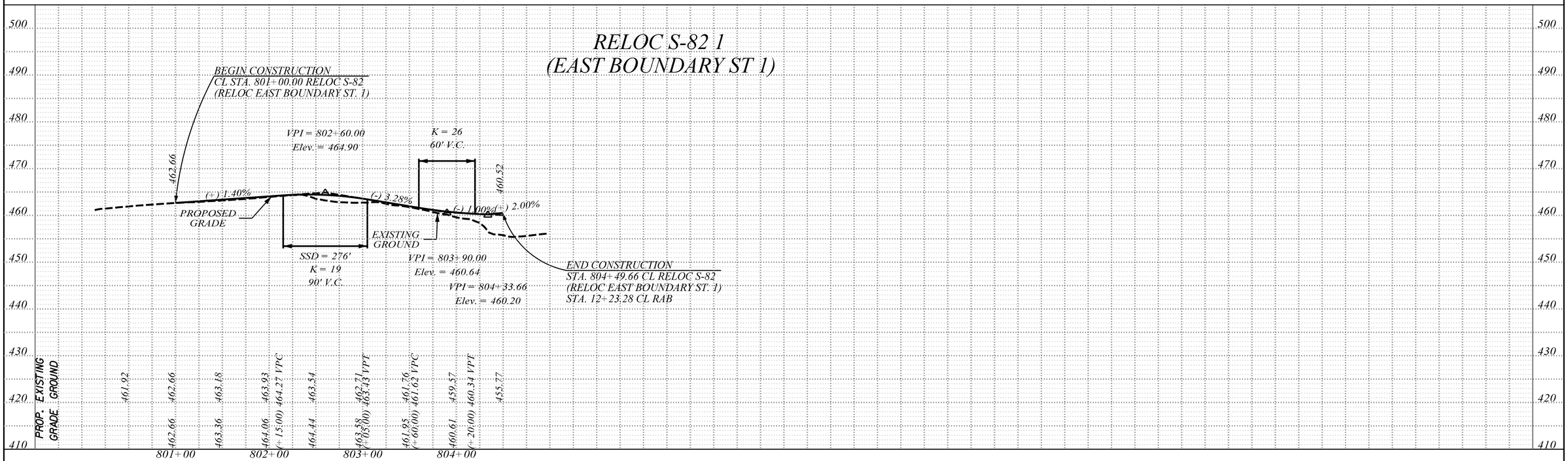
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	9B

RELOC S-82 1
(EAST BOUNDARY ST 1)



PRELIMINARY

PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 9B

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	CHECKED		
	GRADES CHECKED		
	B.M.'S NOTED		
No.	STRUCTURE NOTATIONS CHECKED		

PROFILE	SURVEYED	BY	DATE
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NOTE BOOK	CHECKED		
	GRADES CHECKED		
	B.M.'S NOTED		
No.	STRUCTURE NOTATIONS CHECKED		

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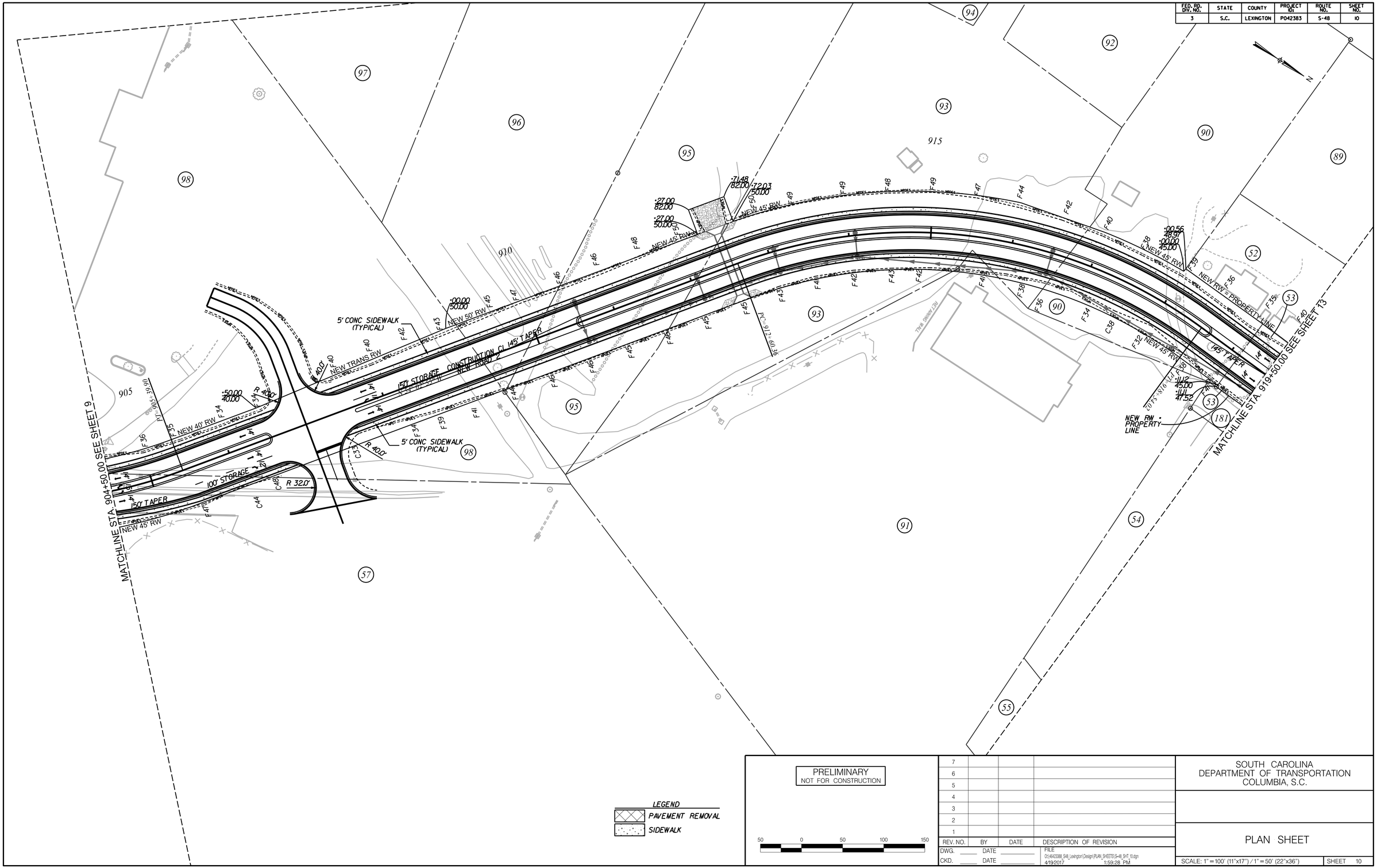

PRELIMINARY
NOT FOR CONSTRUCTION

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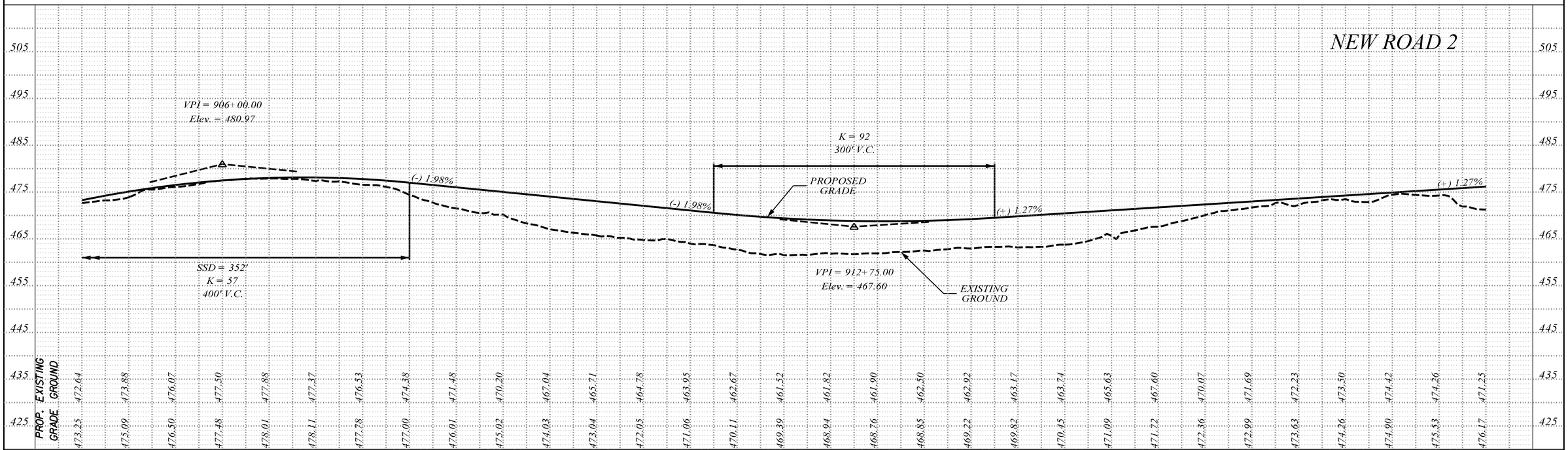
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

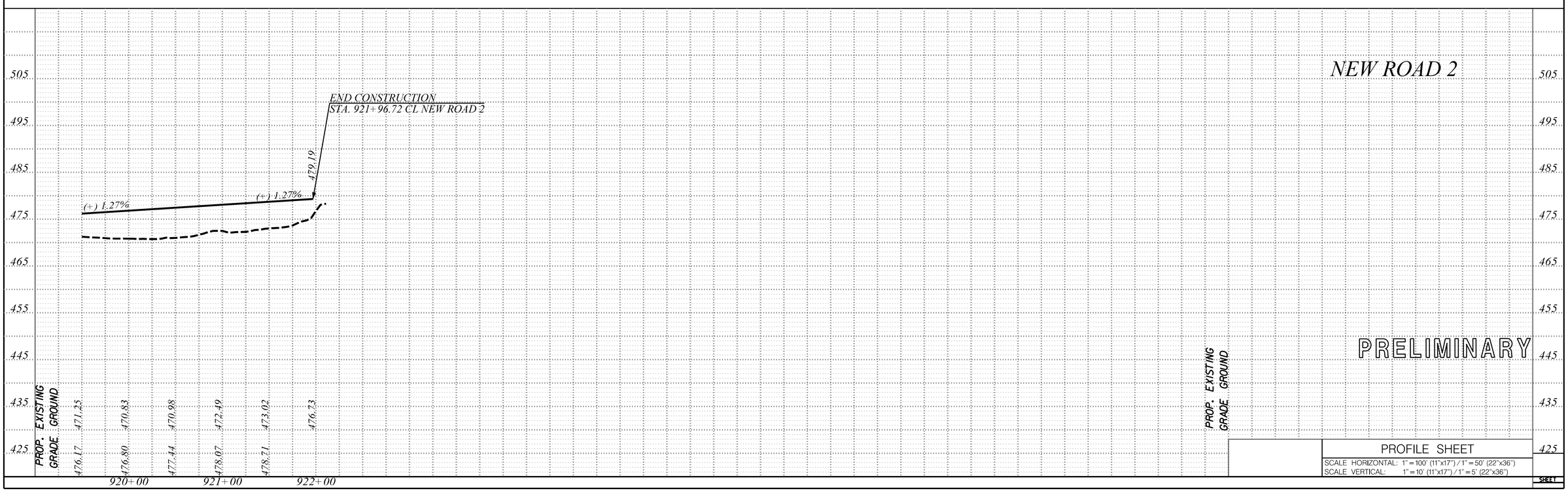
PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET 10

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	10A





PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET

PROFILE
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PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
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BY
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PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
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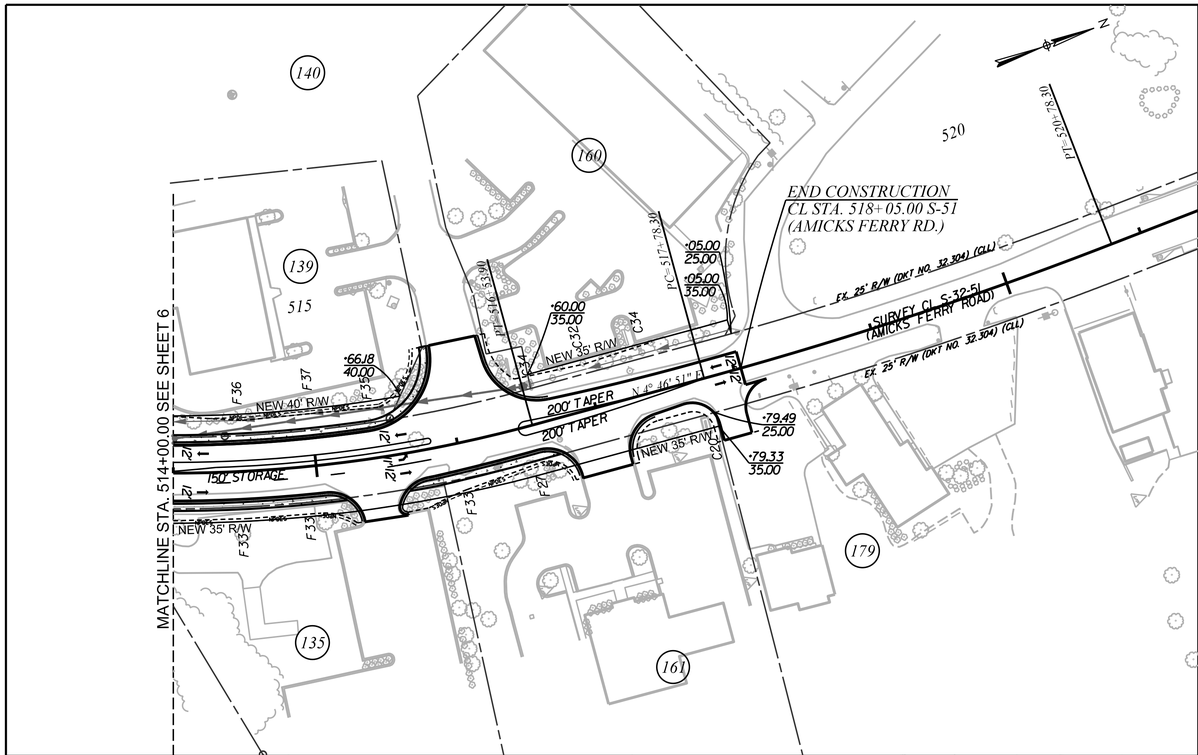
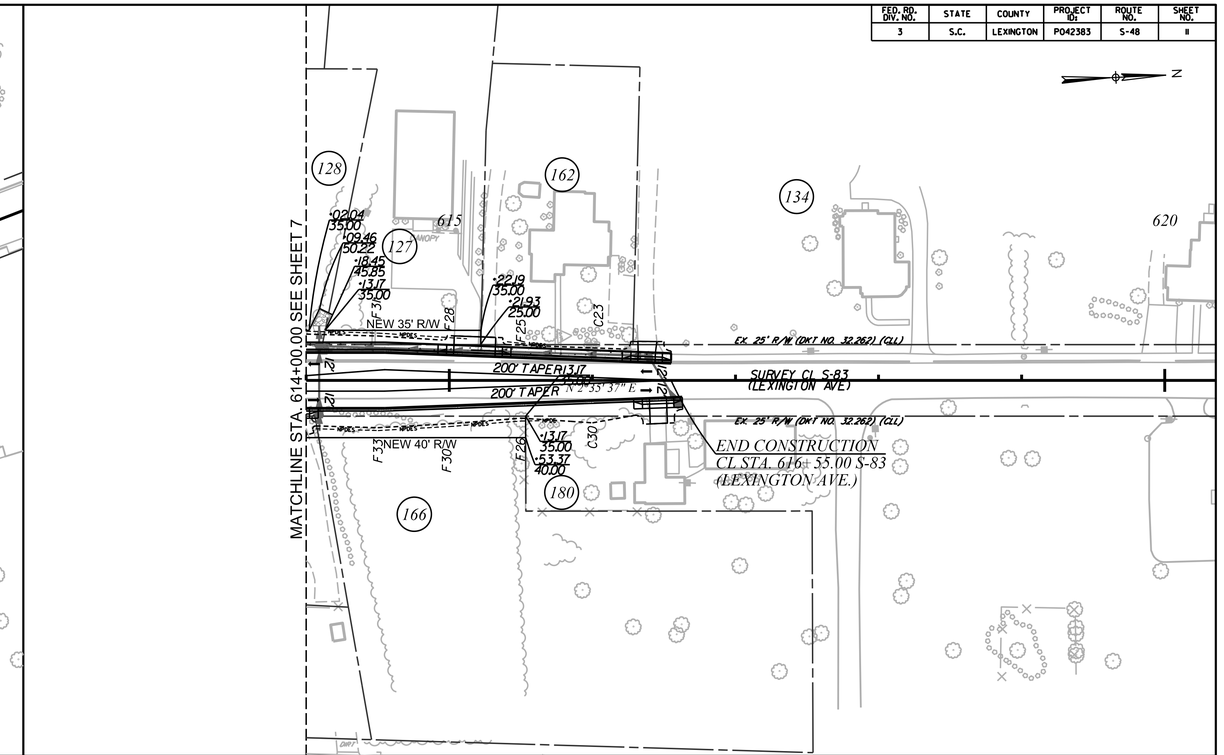
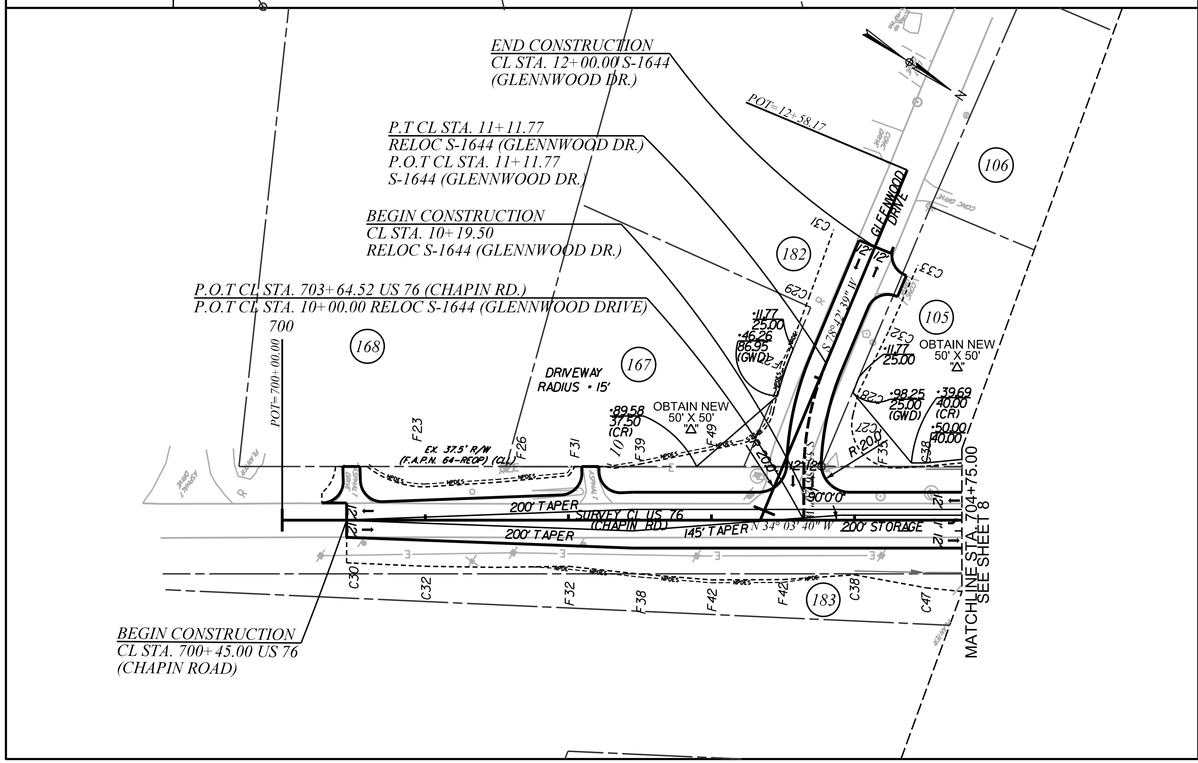
3	S.C.	LEXINGTON	P042383	S-48	11







LEGEND

PAVEMENT REMOVAL

SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____

CKD. ____ DATE ____

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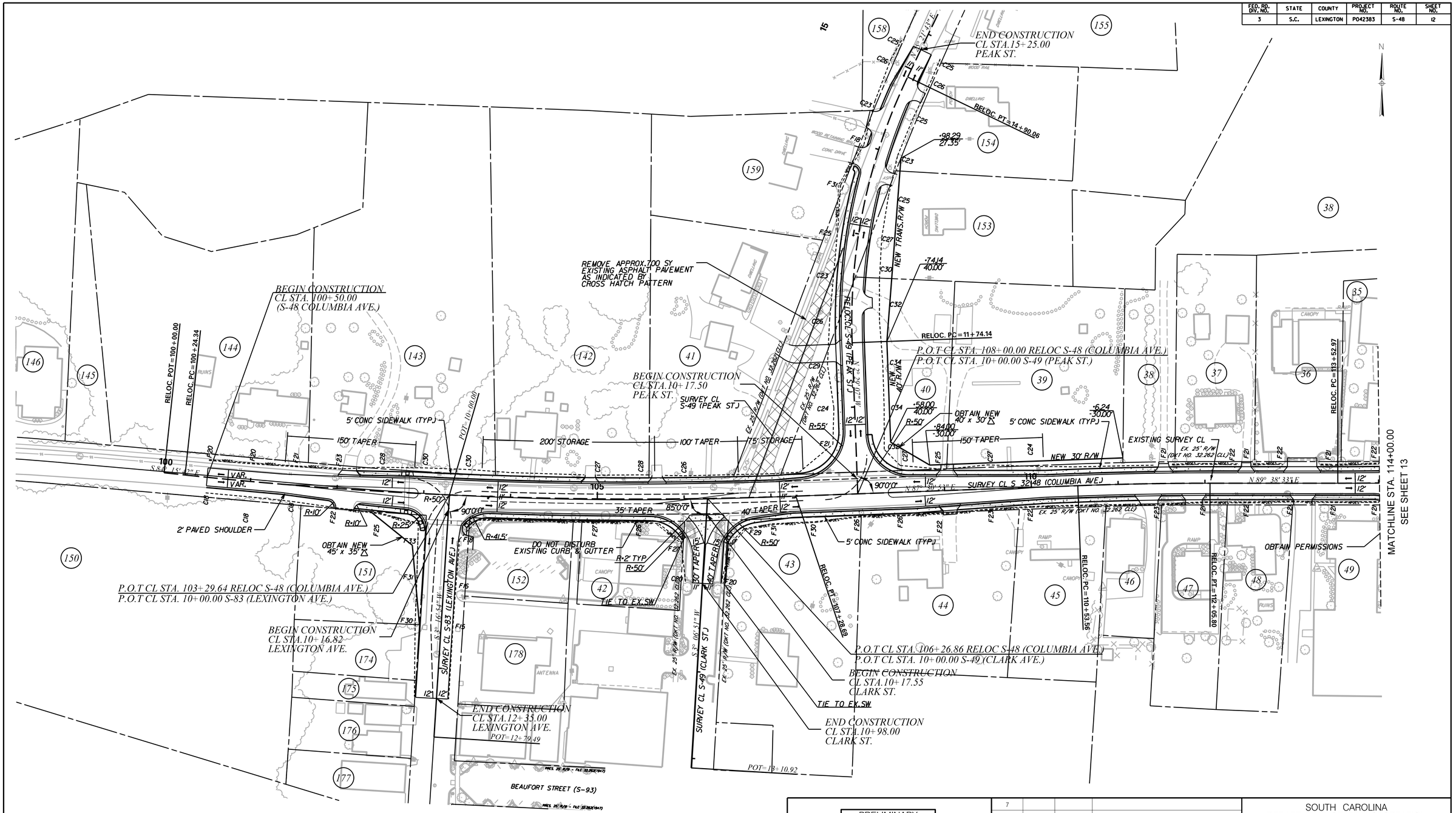
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET 11

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	12



NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. _____ DATE _____ FILE $FILE$
CKD. _____ DATE _____ $DATE$ $TIME$

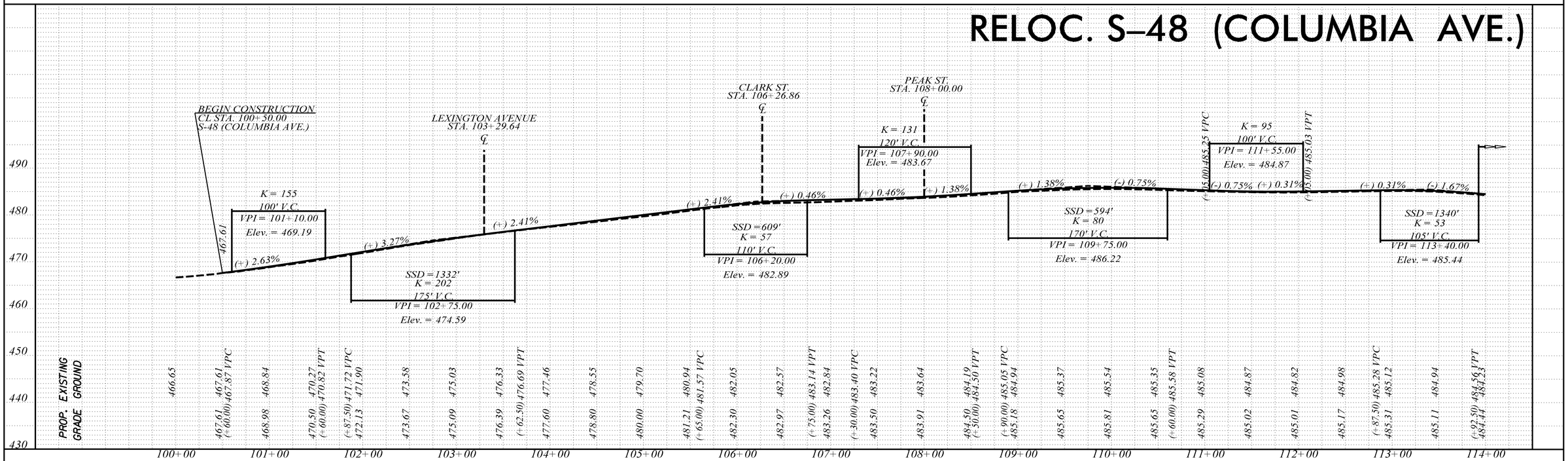
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 12

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	12A

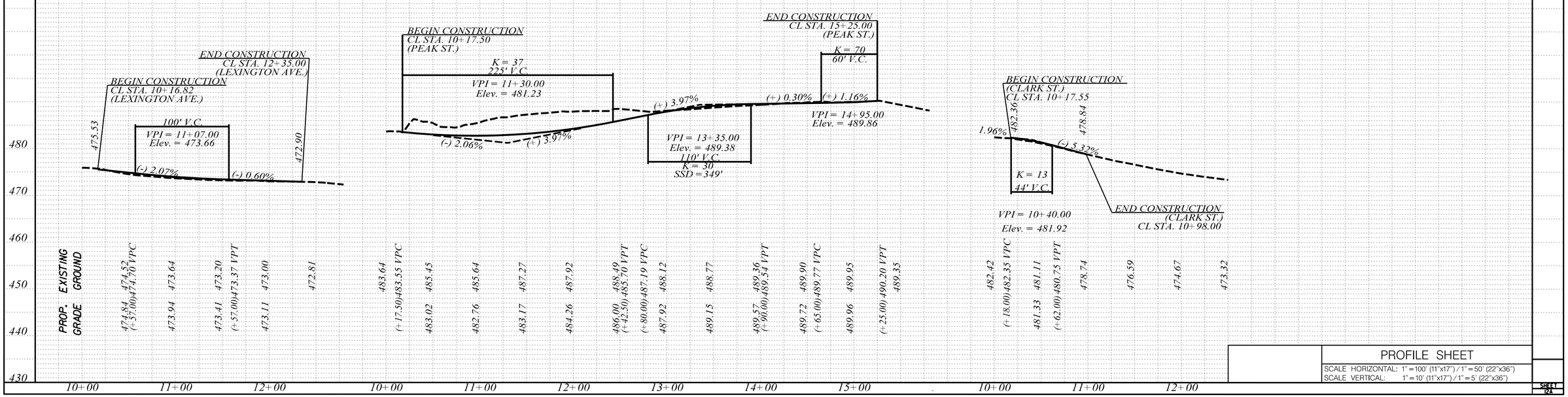
RELOC. S–48 (COLUMBIA AVE.)



S–83 (LEXINGTON AVE)

S–49 (PEAK STREET)

S–49 (CLARK STREET)



PROFILE SHEET

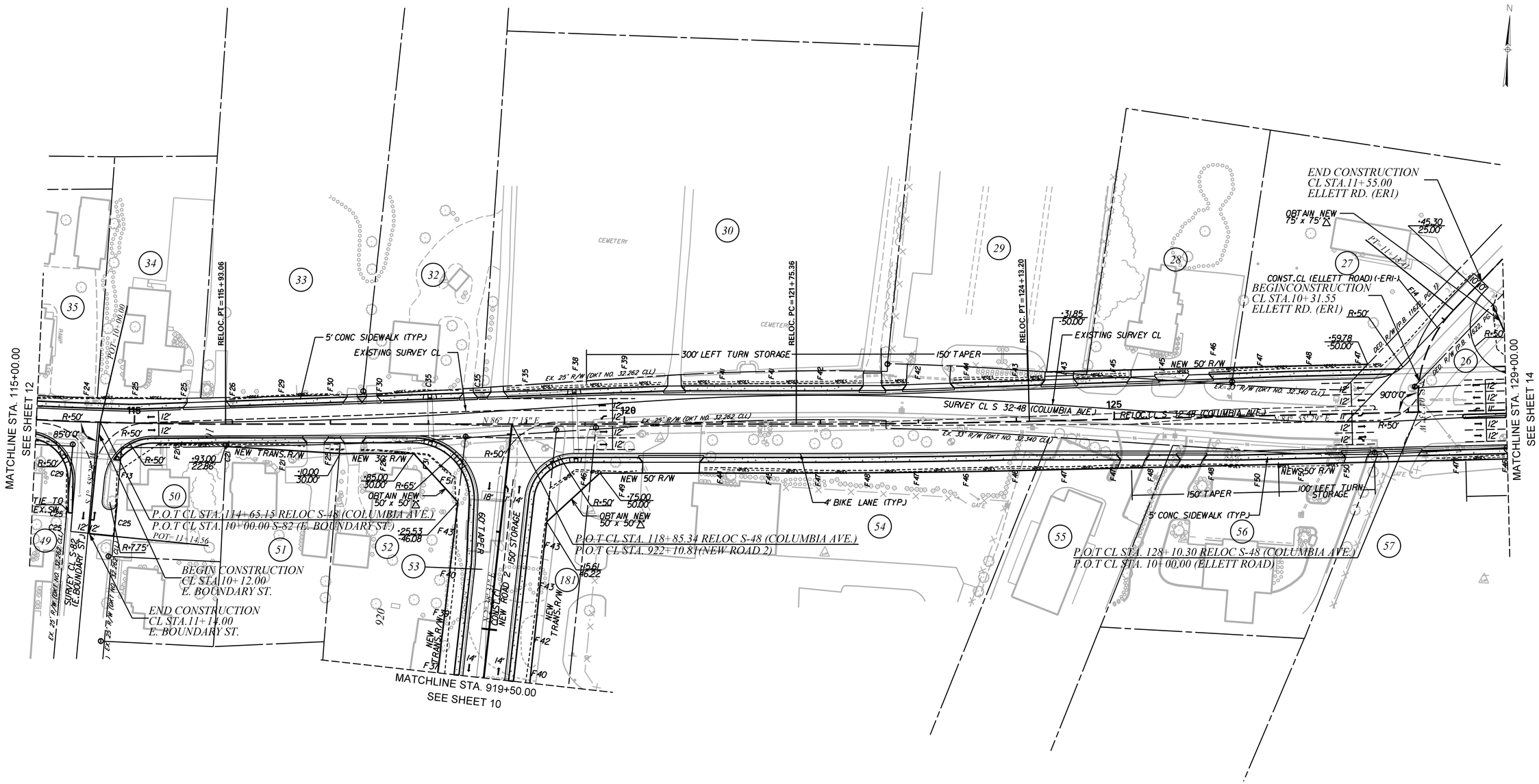
SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 12A

PROFILE
NOTE BOOK No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE

$FILE$
$DATE$
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	13



NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____ FILE
CKD. ____ DATE ____ $FILE$ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

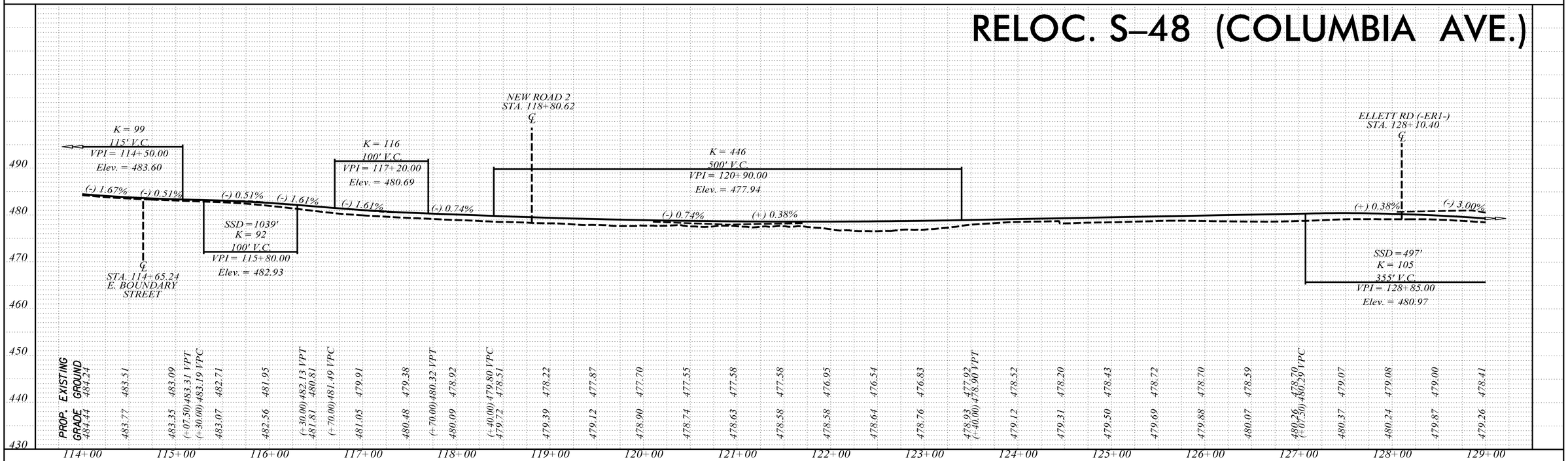
PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

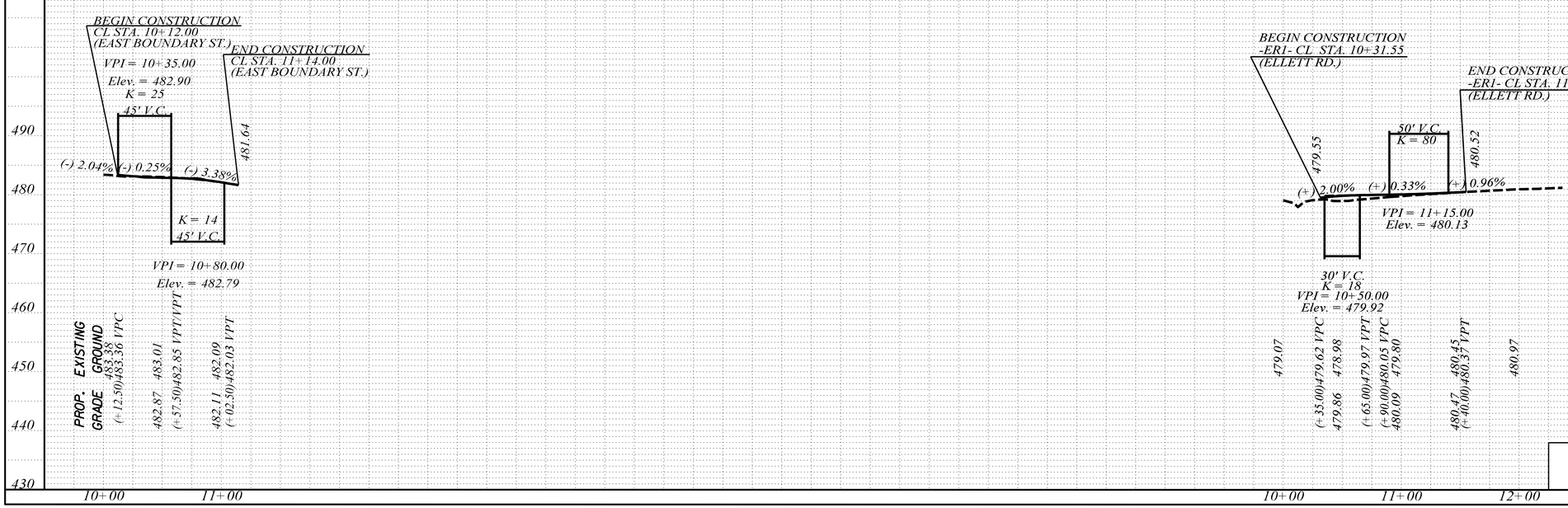
SHEET 13

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	13A

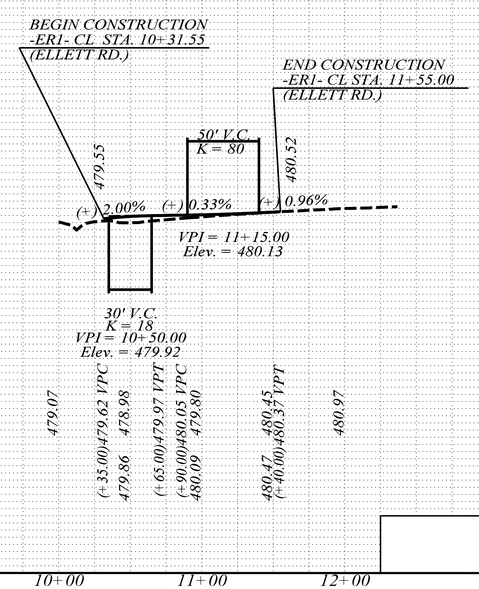
RELOC. S–48 (COLUMBIA AVE.)



S–82
E. BOUNDARY STREET



ELLETT ROAD (–ER1–)



PROFILE SHEET

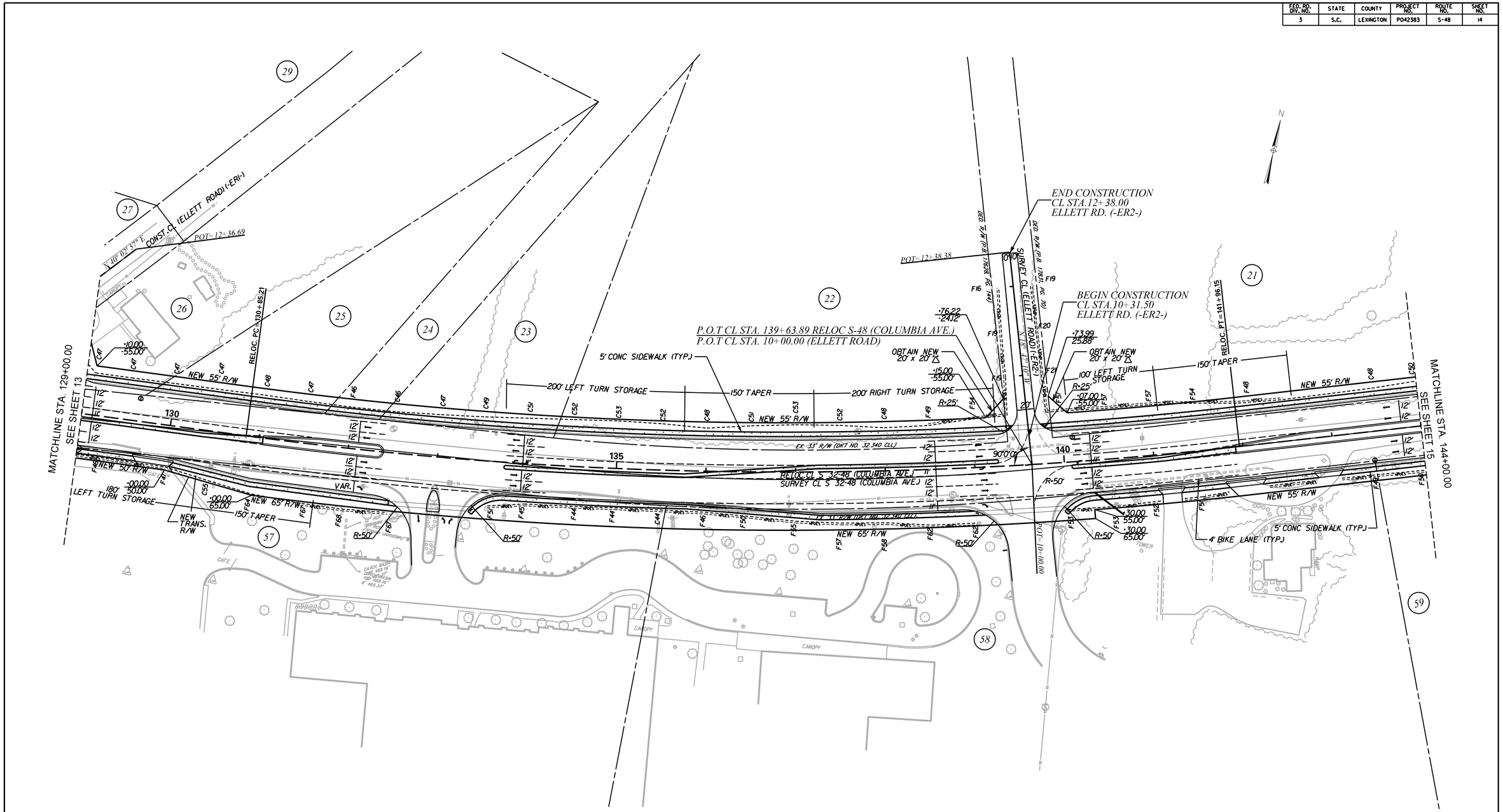
SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 13A

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE

$FILE$
$DATE$
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	14



NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____ FILE $FILE$
CKD. ____ DATE ____ $DATE$ $TIME$

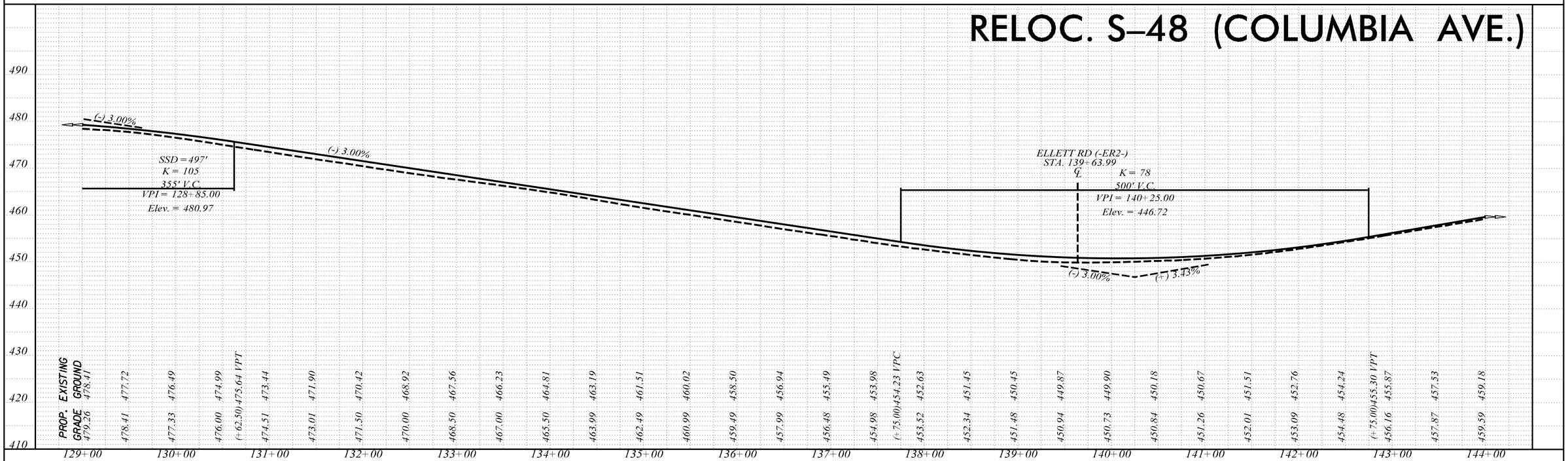
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

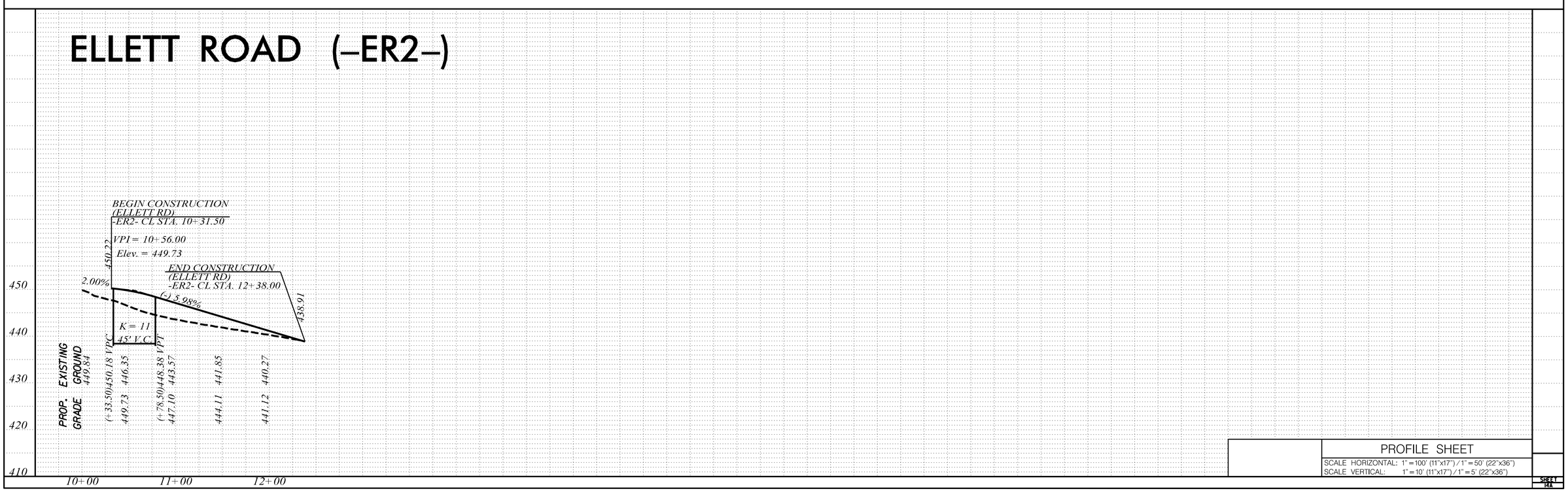
SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 14

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	14A

RELOC. S–48 (COLUMBIA AVE.)



ELLETT ROAD (–ER2–)



PROFILE SHEET

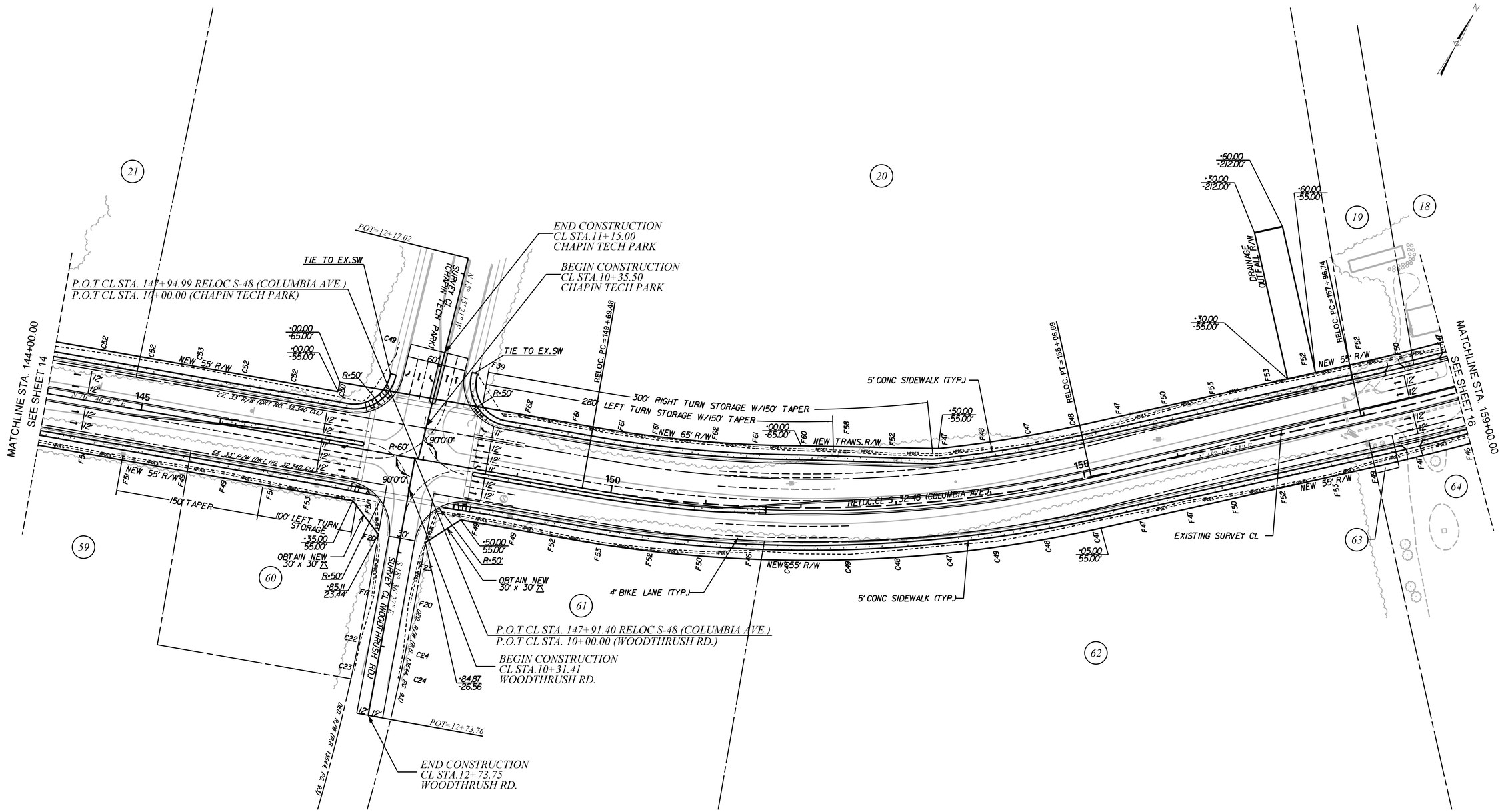
SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 14A

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
No.	B.M.'S NOTED		
	STRUCTURE NOTATIONS CHECKED		

$FILE$
$DATE$
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	15



NOTE:
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LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____ FILE
CKD. ____ DATE ____ $FILE$ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

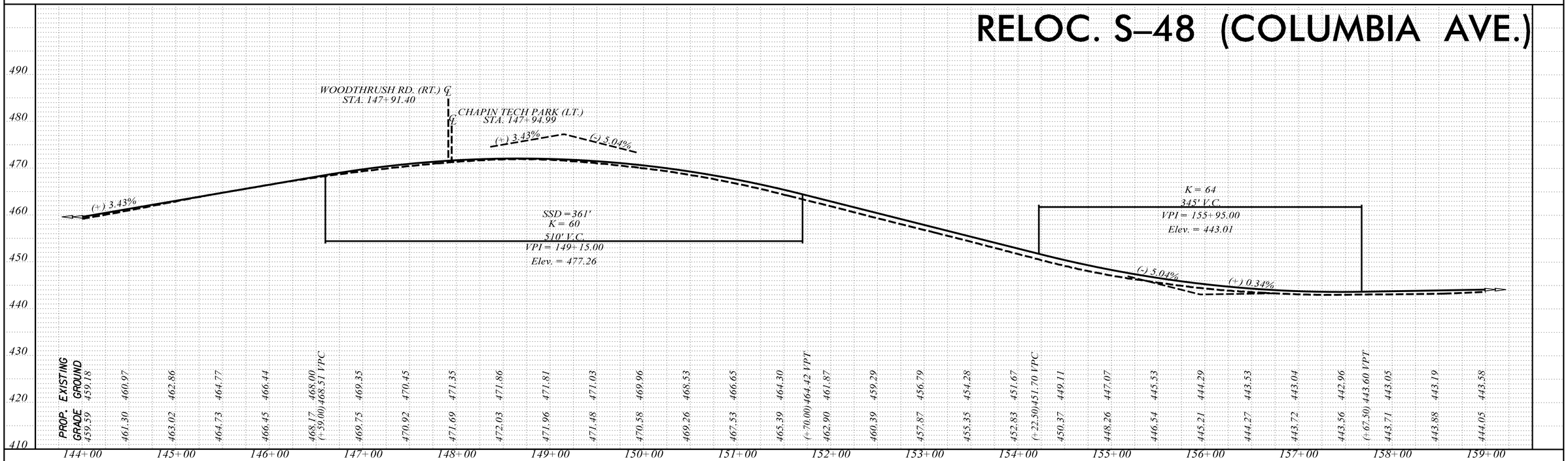
PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET 15

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	15A

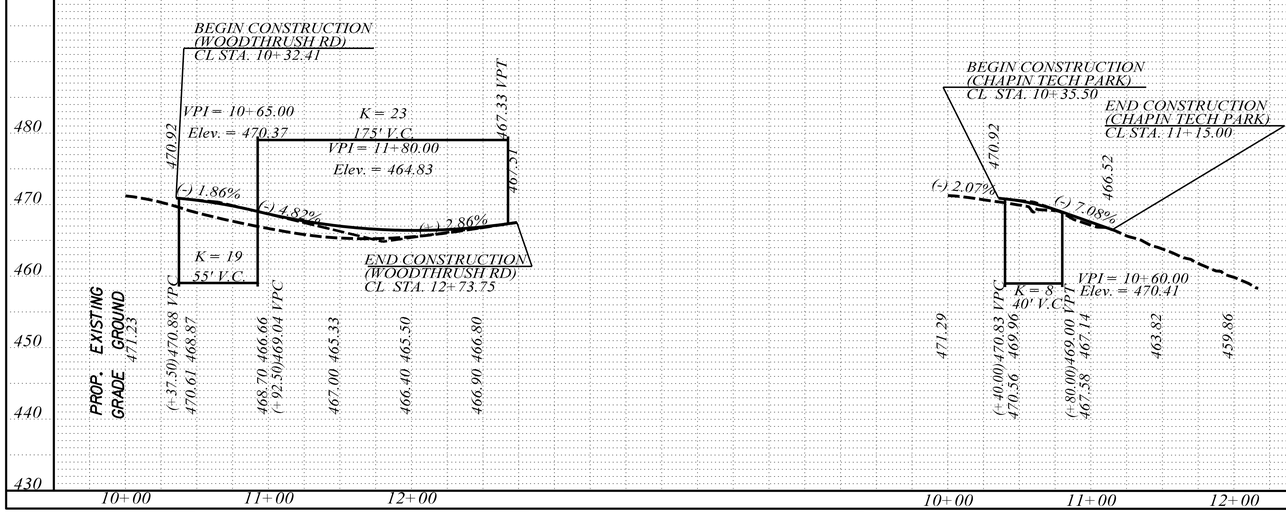
RELOC. S–48 (COLUMBIA AVE.)



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
No.	B.M.'S NOTED		
	STRUCTURE NOTATIONS CHECKED		

$FILE$
$DATE$
$TIME$

WOODTHRUSH ROAD CHAPIN TECH PARK



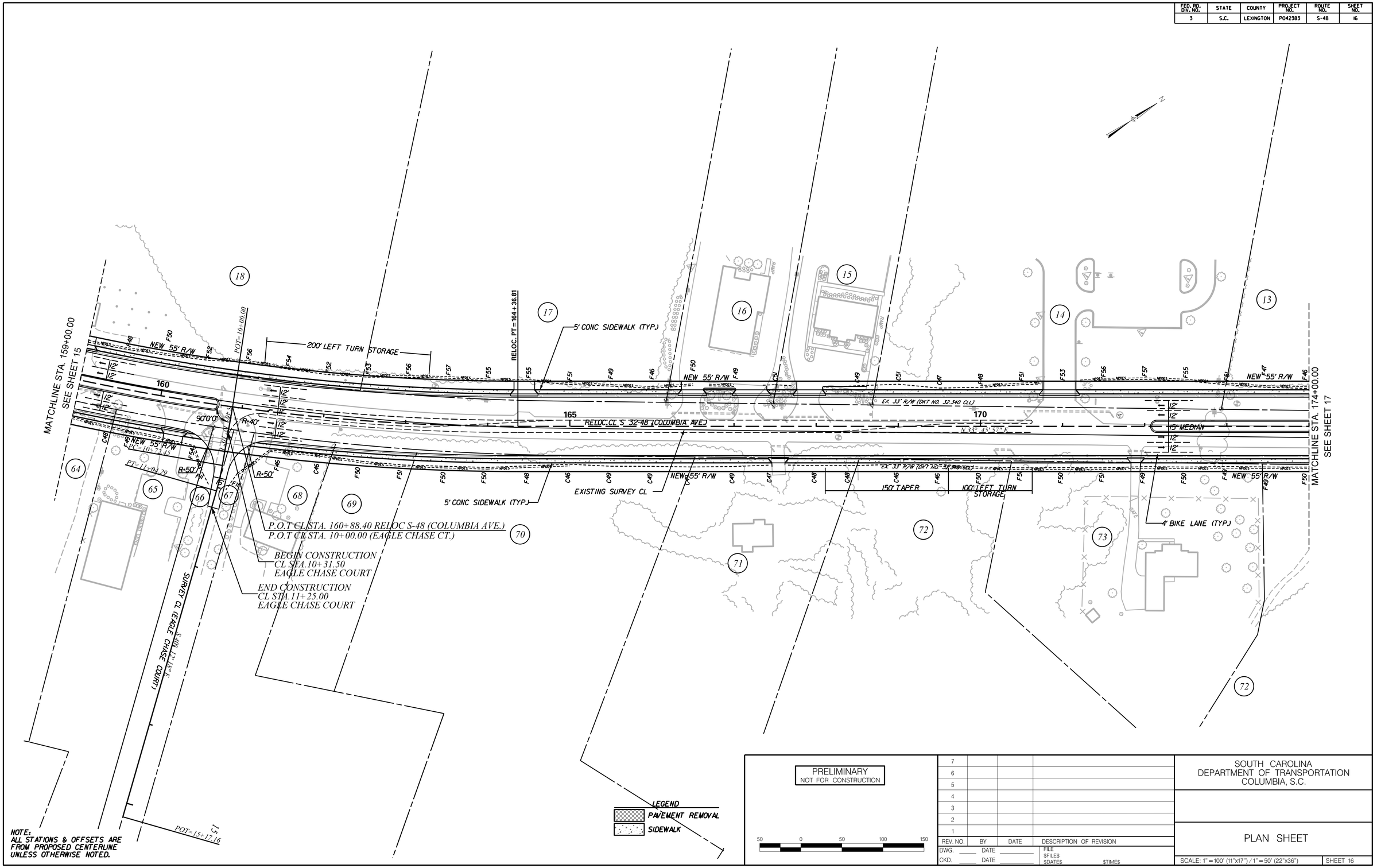
PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
No.	B.M.'S NOTED		
	STRUCTURE NOTATIONS CHECKED		

PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

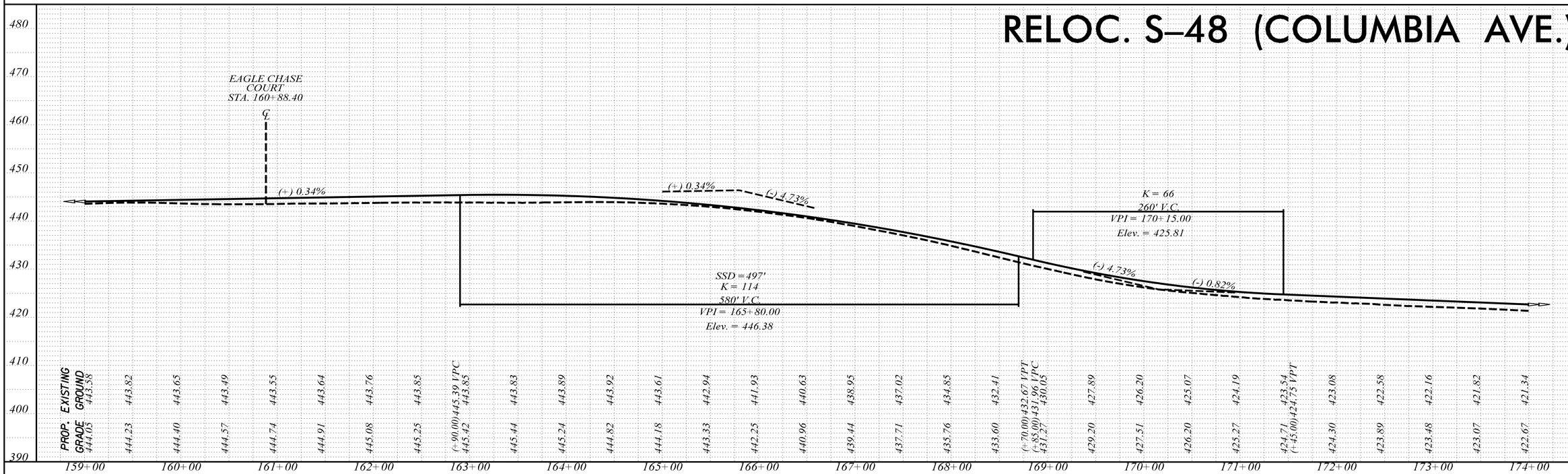
SHEET 15A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	16

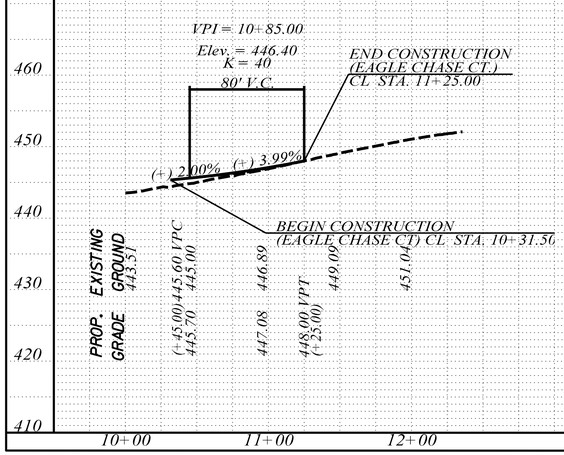


FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	16A

RELOC. S–48 (COLUMBIA AVE.)



EAGLE CHASE COURT



PROFILE SHEET

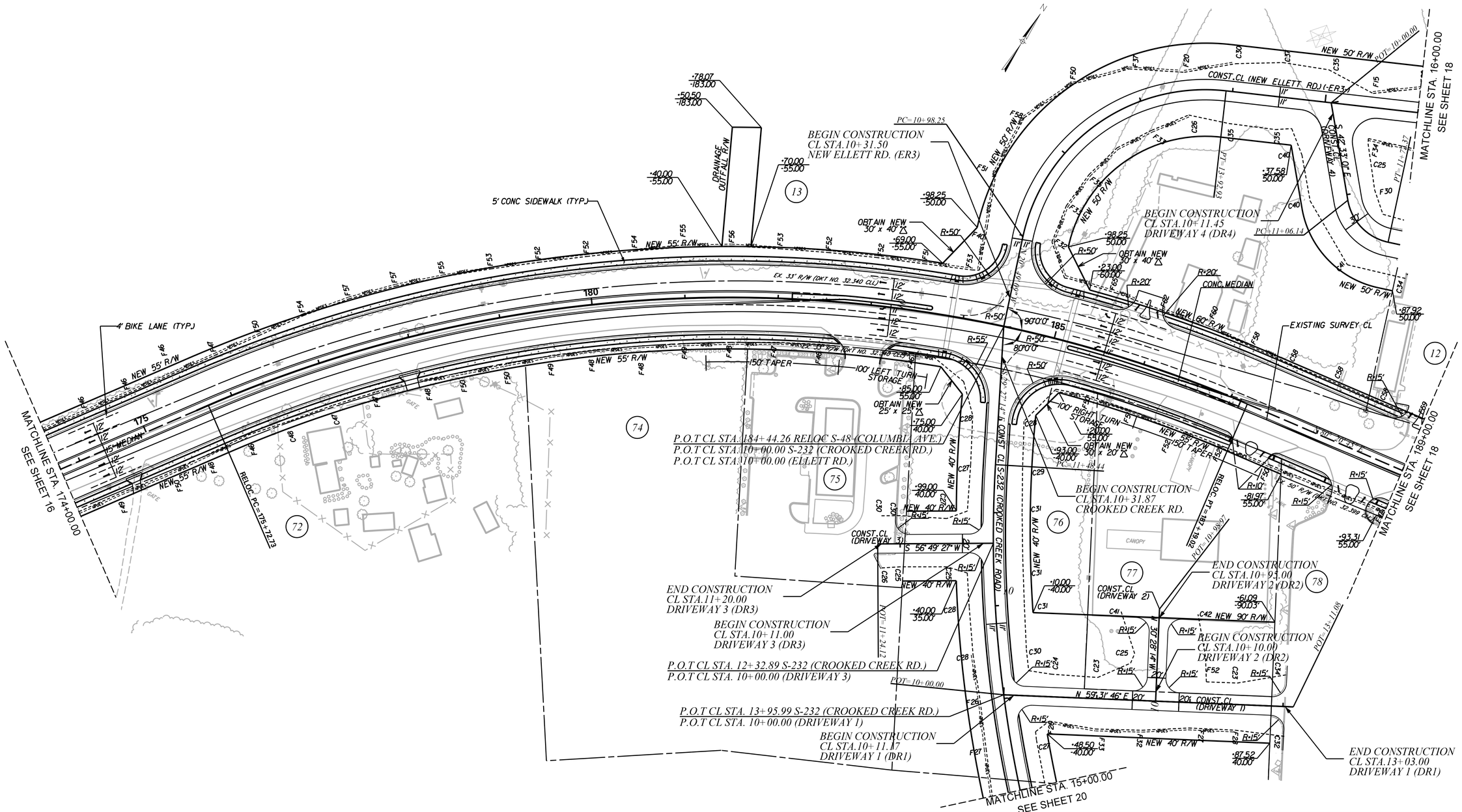
SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 16A

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

$FILE$
$DATE$
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	17



NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____
CKD. ____ DATE ____
FILE
$FILE$
$DATE$ $TIME$

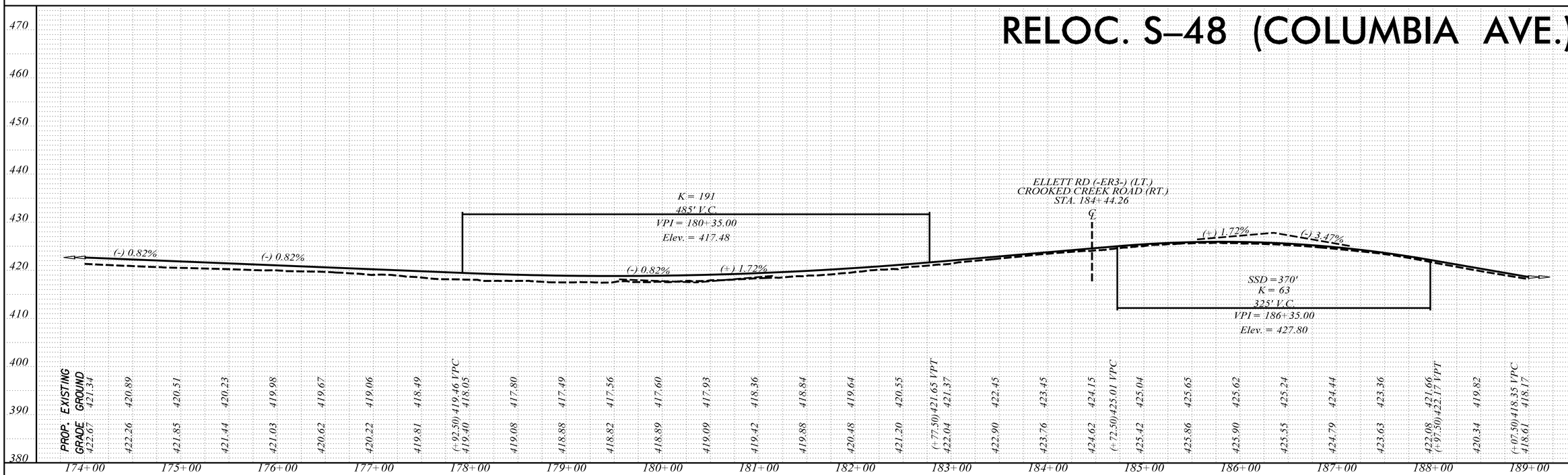
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 17

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	17A

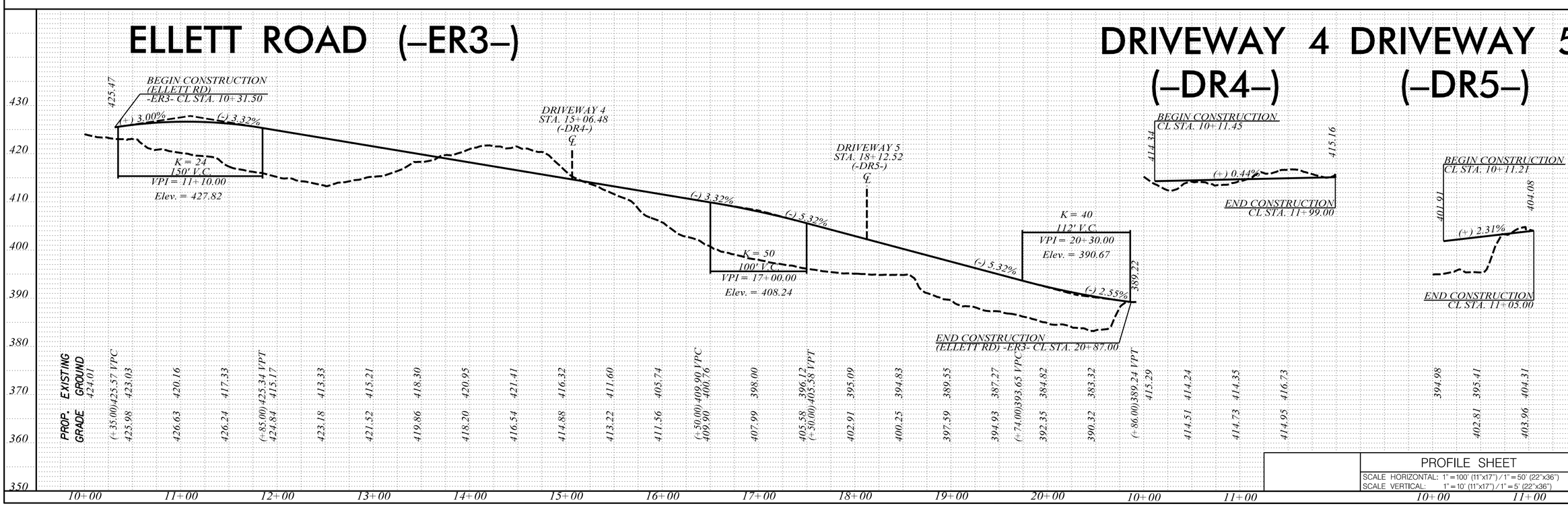
RELOC. S–48 (COLUMBIA AVE.)



ELLETT ROAD (–ER3–)

DRIVEWAY 4 (–DR4–)

DRIVEWAY 5 (–DR5–)



PROFILE SHEET

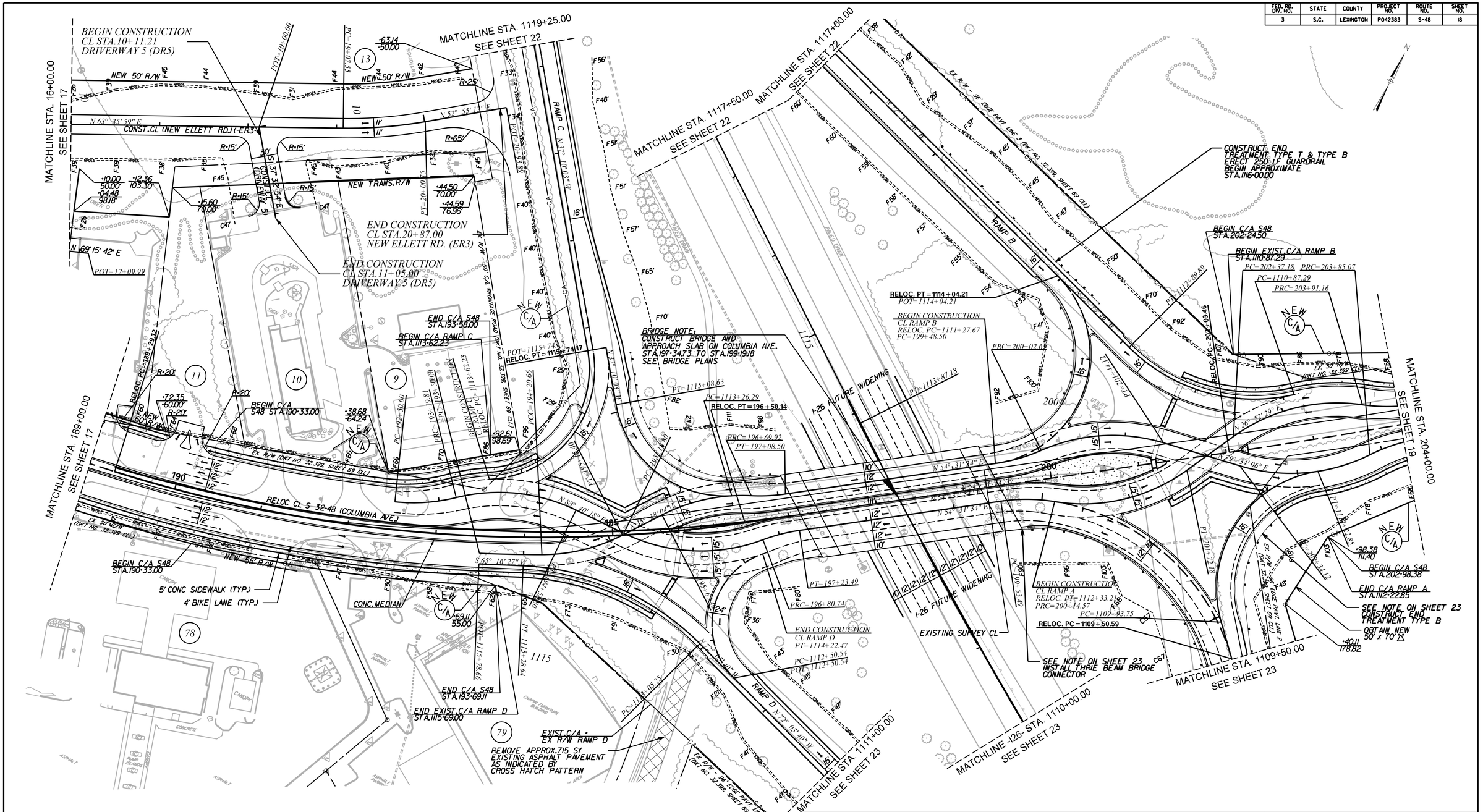
SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 17A

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
No.
BY
DATE

$FILE$
$DATE$
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	18



NOTE:
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FROM PROPOSED CENTERLINE
UNLESS OTHERWISE NOTED.

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. _____ DATE _____ FILE $FILE$
CKD. _____ DATE _____ $DATE$ $TIME$

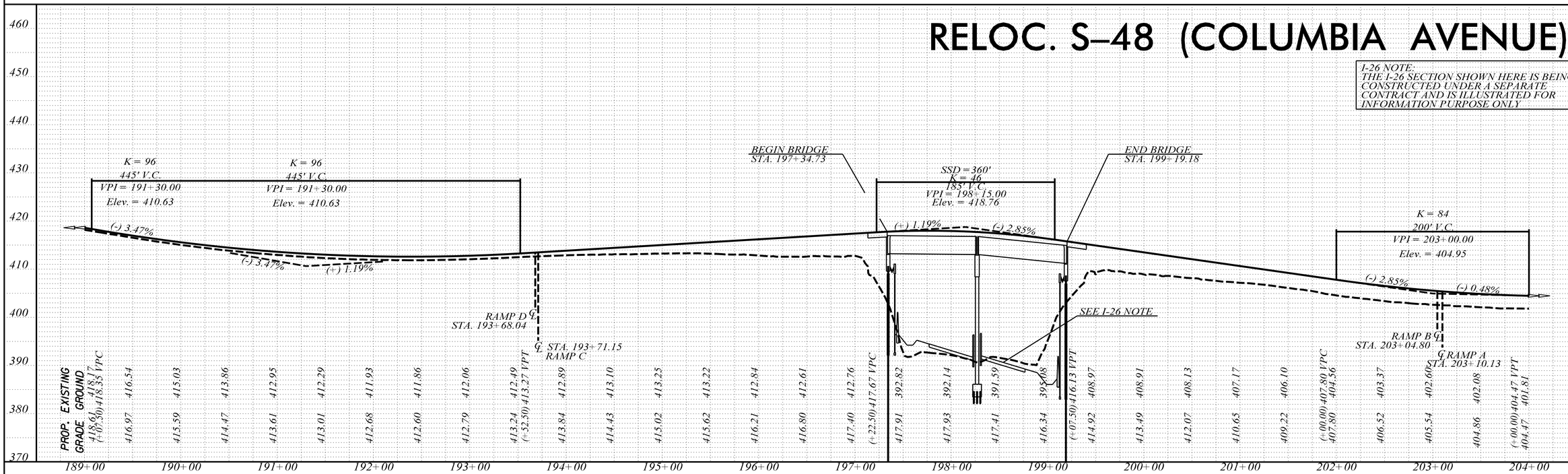
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

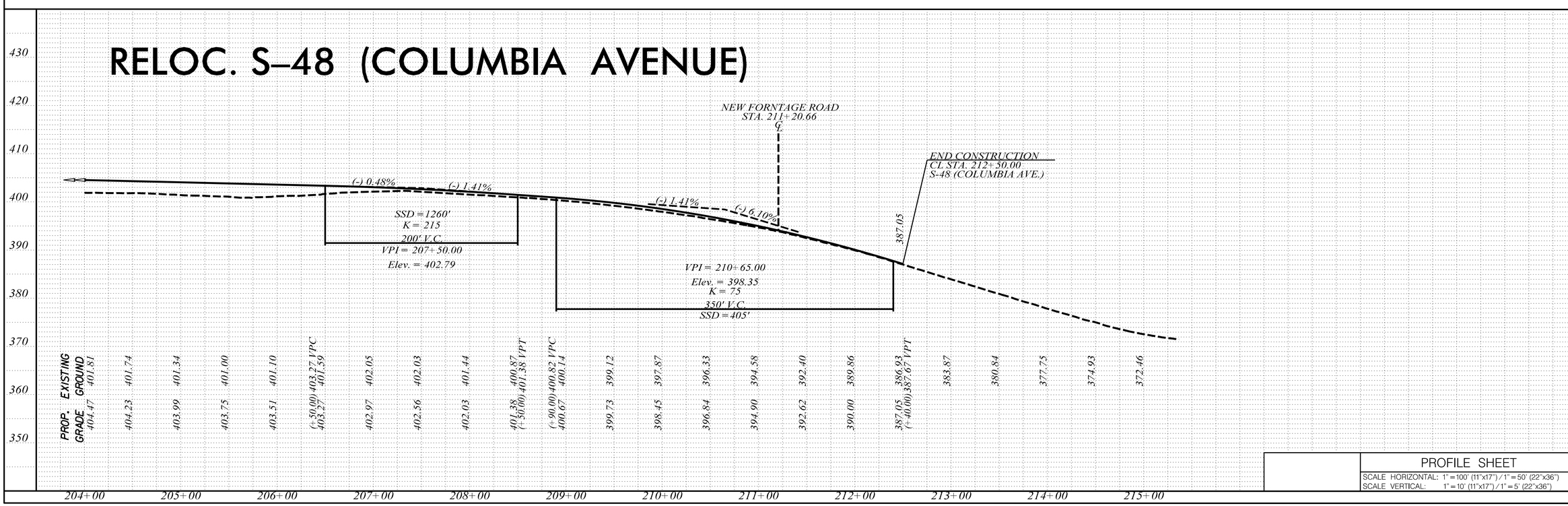
SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 18

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	18A

RELOC. S–48 (COLUMBIA AVENUE)



RELOC. S–48 (COLUMBIA AVENUE)



PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 18A

PROFILE
NOTE BOOK No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
BY
DATE

$FILE$
$DATE$
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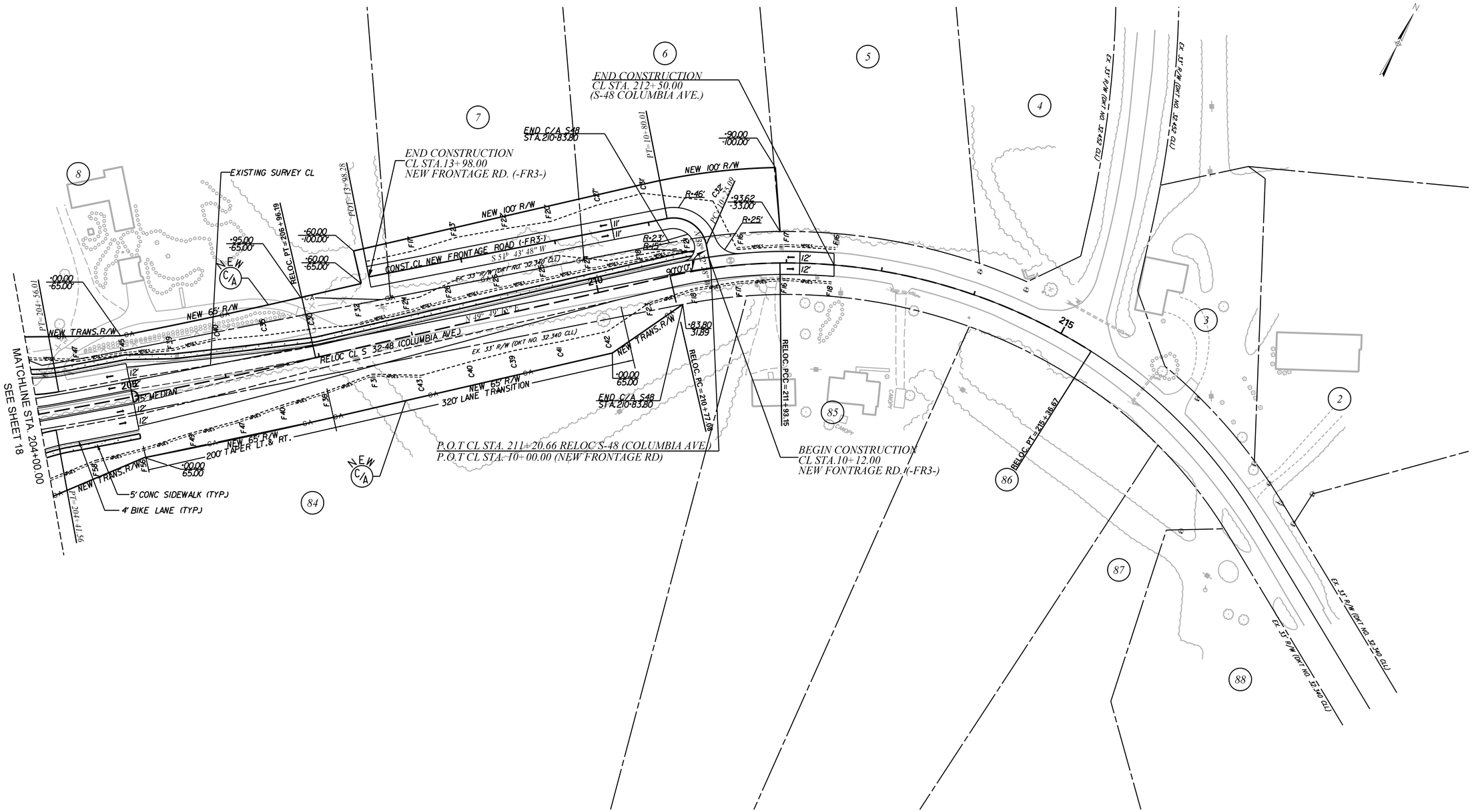
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	19



NOTE:
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LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____
CKD. ____ DATE ____
FILE
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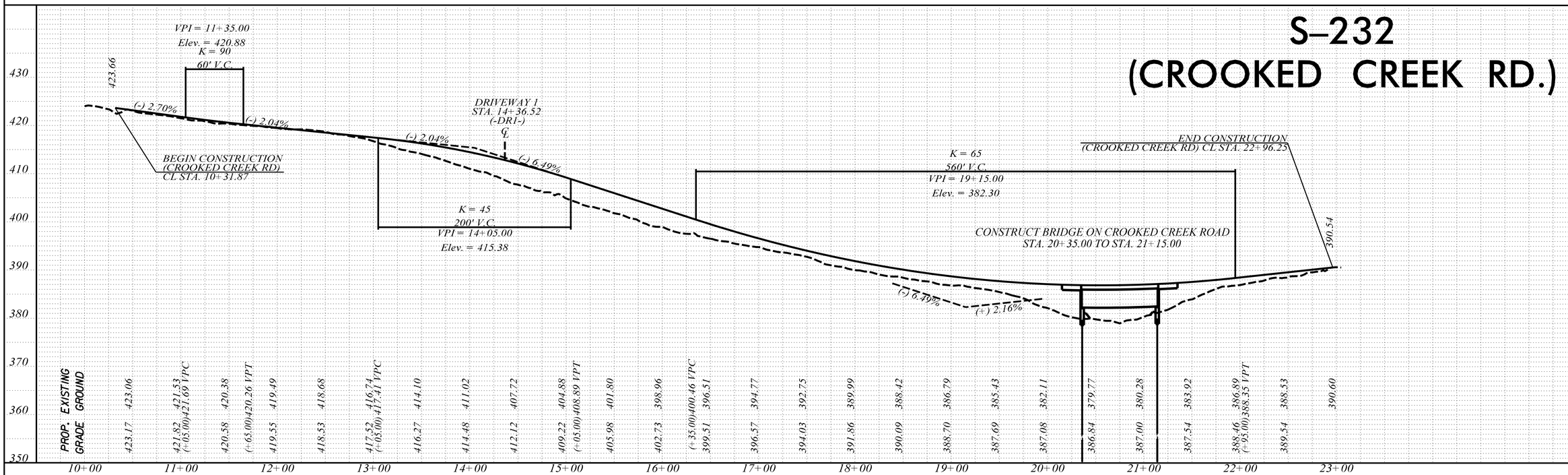
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

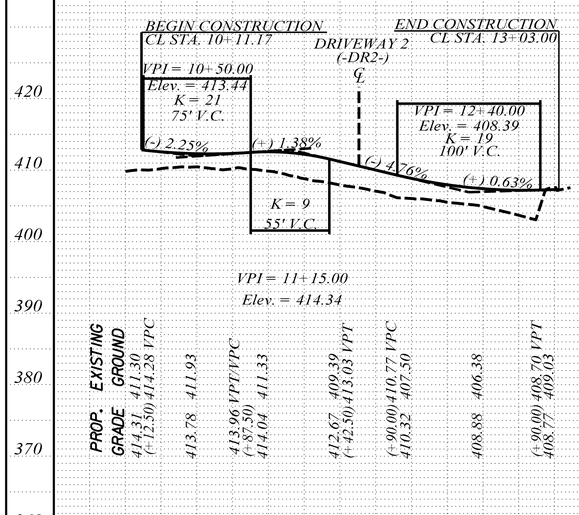
SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 19

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	19A

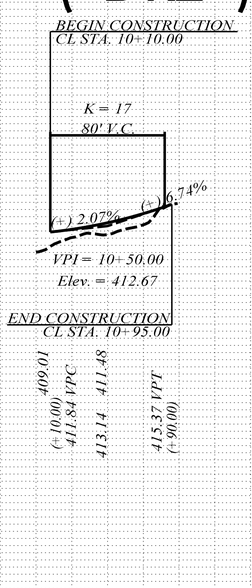
S–232 (CROOKED CREEK RD.)



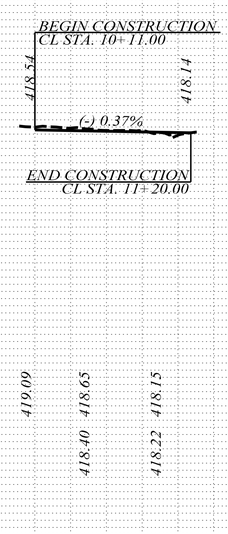
DRIVEWAY 1 (–DR1–)



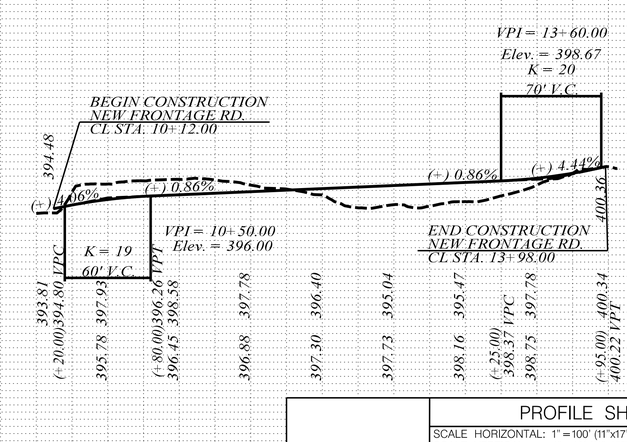
DRIVEWAY 2 (–DR2–)



DRIVEWAY 3 (–DR3–)



NEW FRONTAGE ROAD (–FR3–)



PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 19A

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

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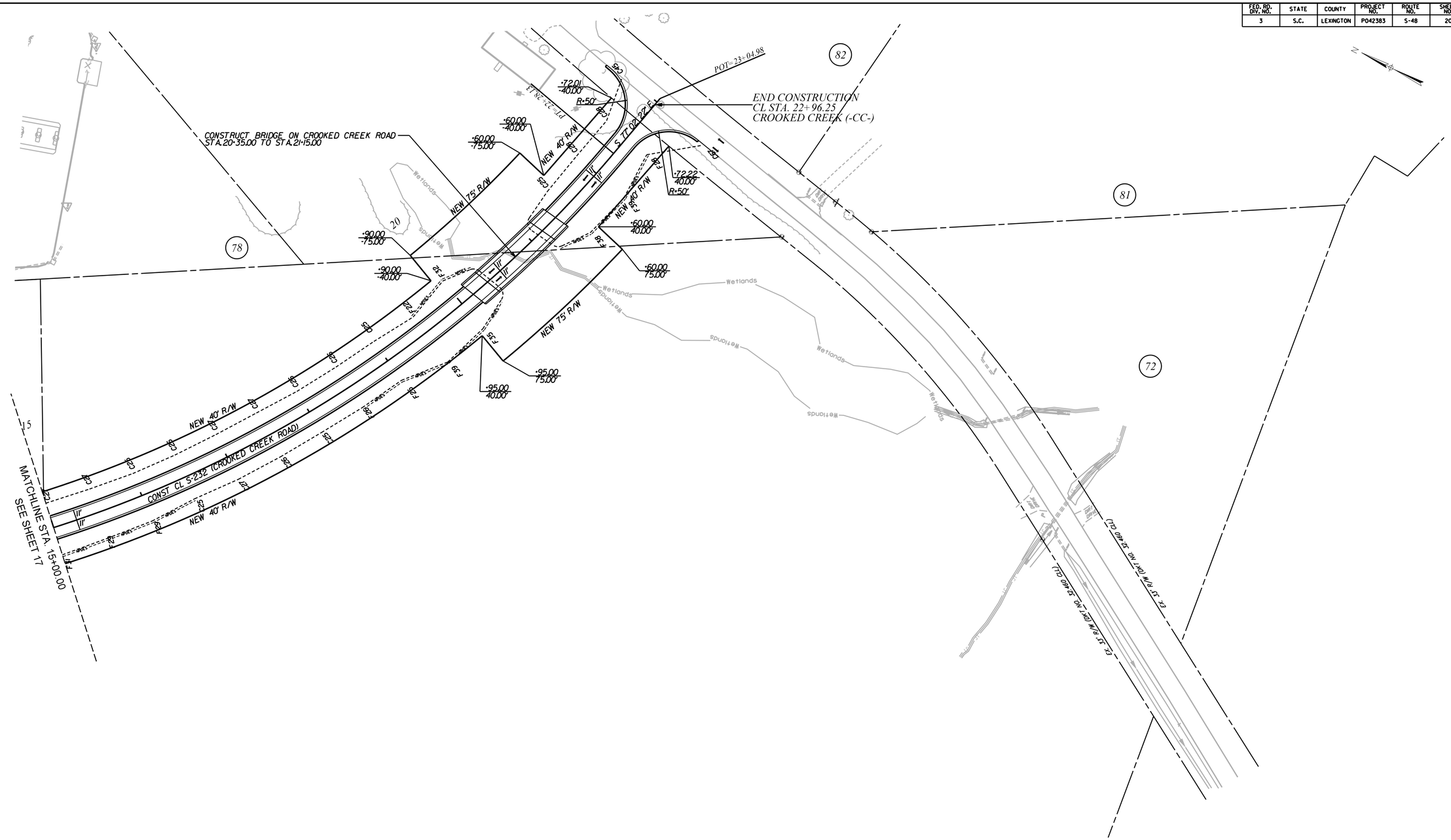
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	20



NOTE:
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LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE _____ FILE $FILE$
CKD. ____ DATE _____ $DATE$ $TIME$

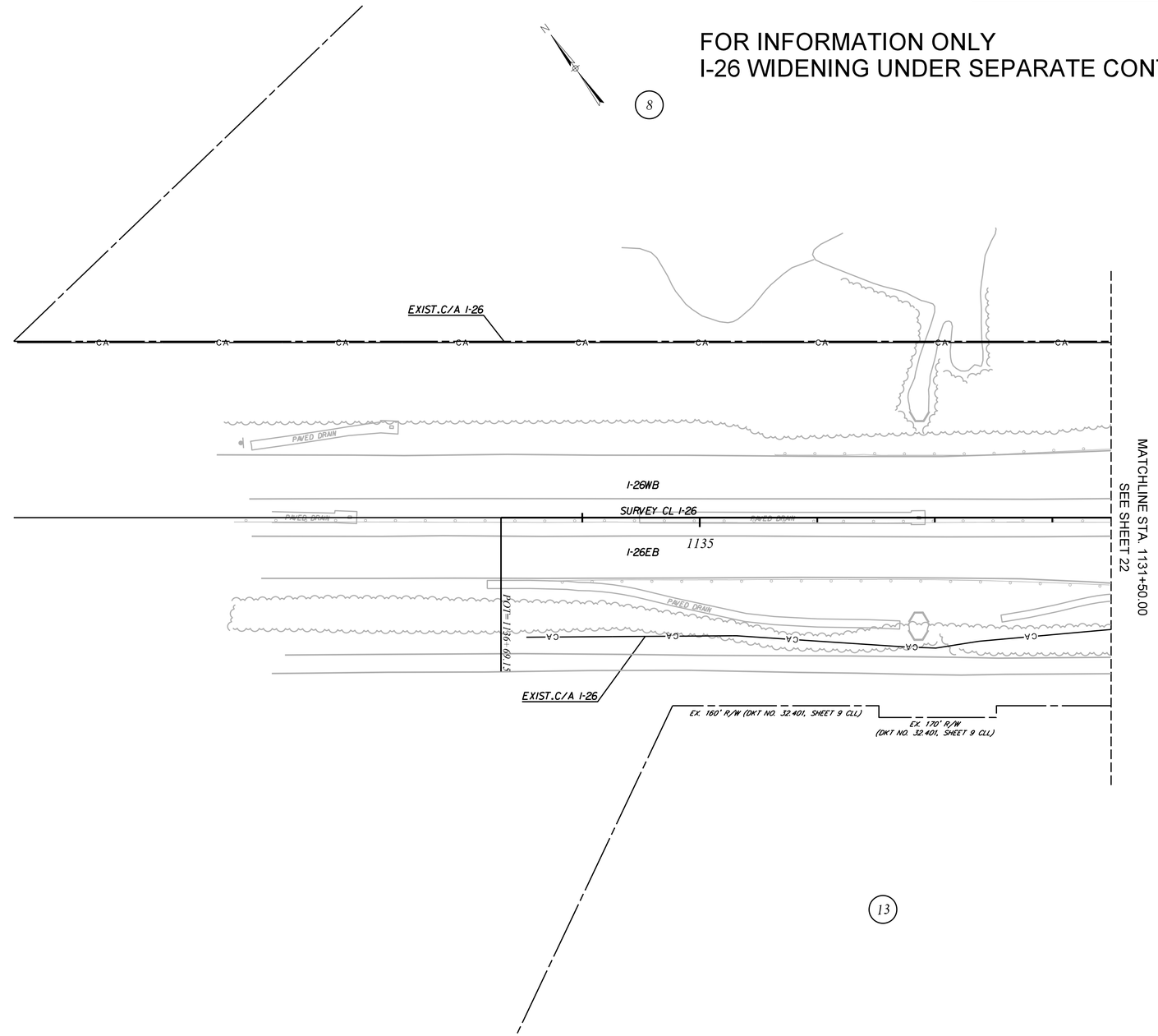
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 20

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	21

FOR INFORMATION ONLY
I-26 WIDENING UNDER SEPARATE CONTRACT



MATCHLINE STA. 1131+50.00
SEE SHEET 22

LEGEND
PAVEMENT REMOVAL
SIDEWALK

NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

PRELIMINARY
NOT FOR CONSTRUCTION

50 0 50 100 150

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE _____
CKD. ____ DATE _____

FILE
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$DATE$ 15 $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

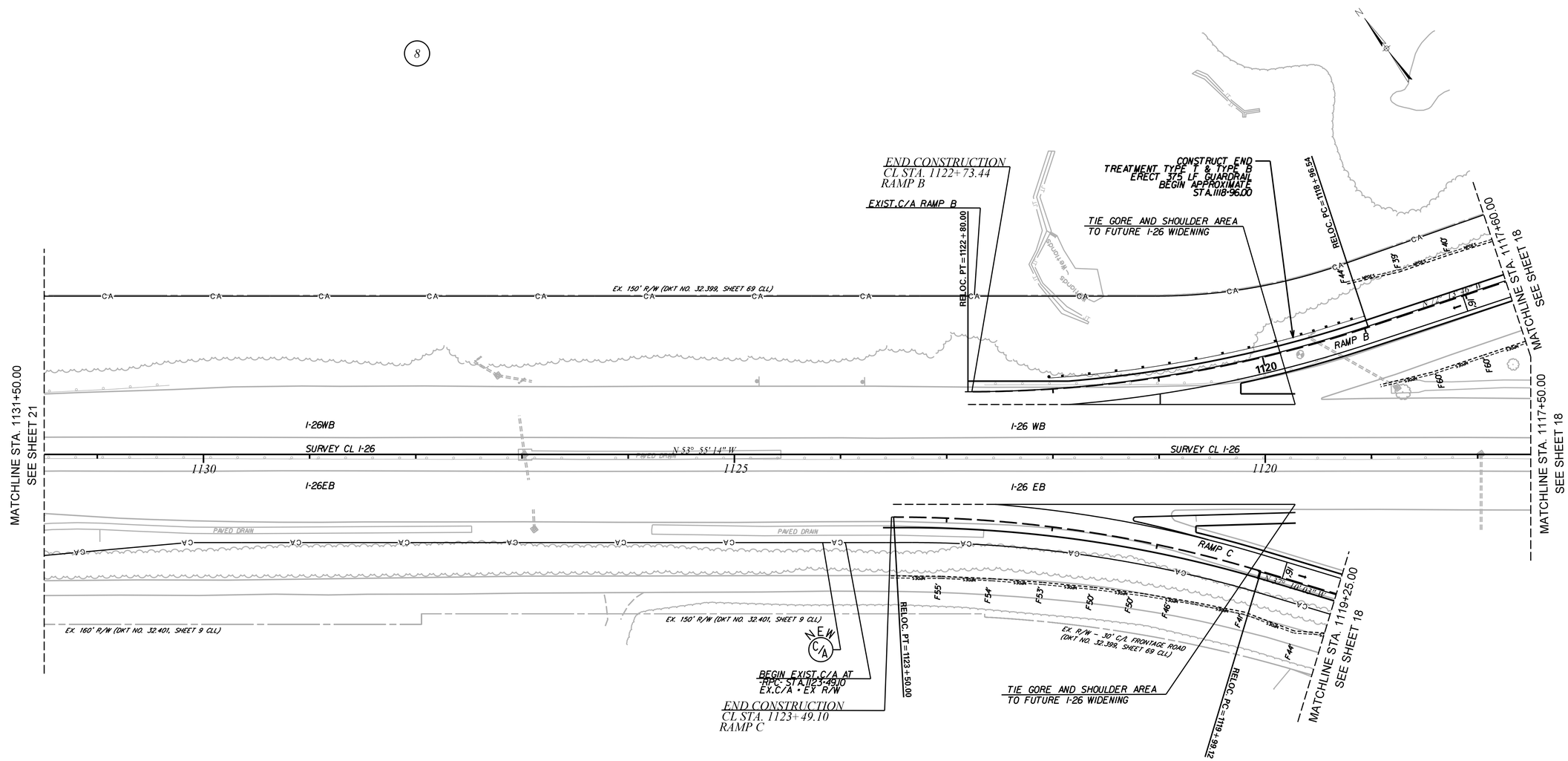
PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET 21

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	22

8



13

NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DWG. ____ DATE ____
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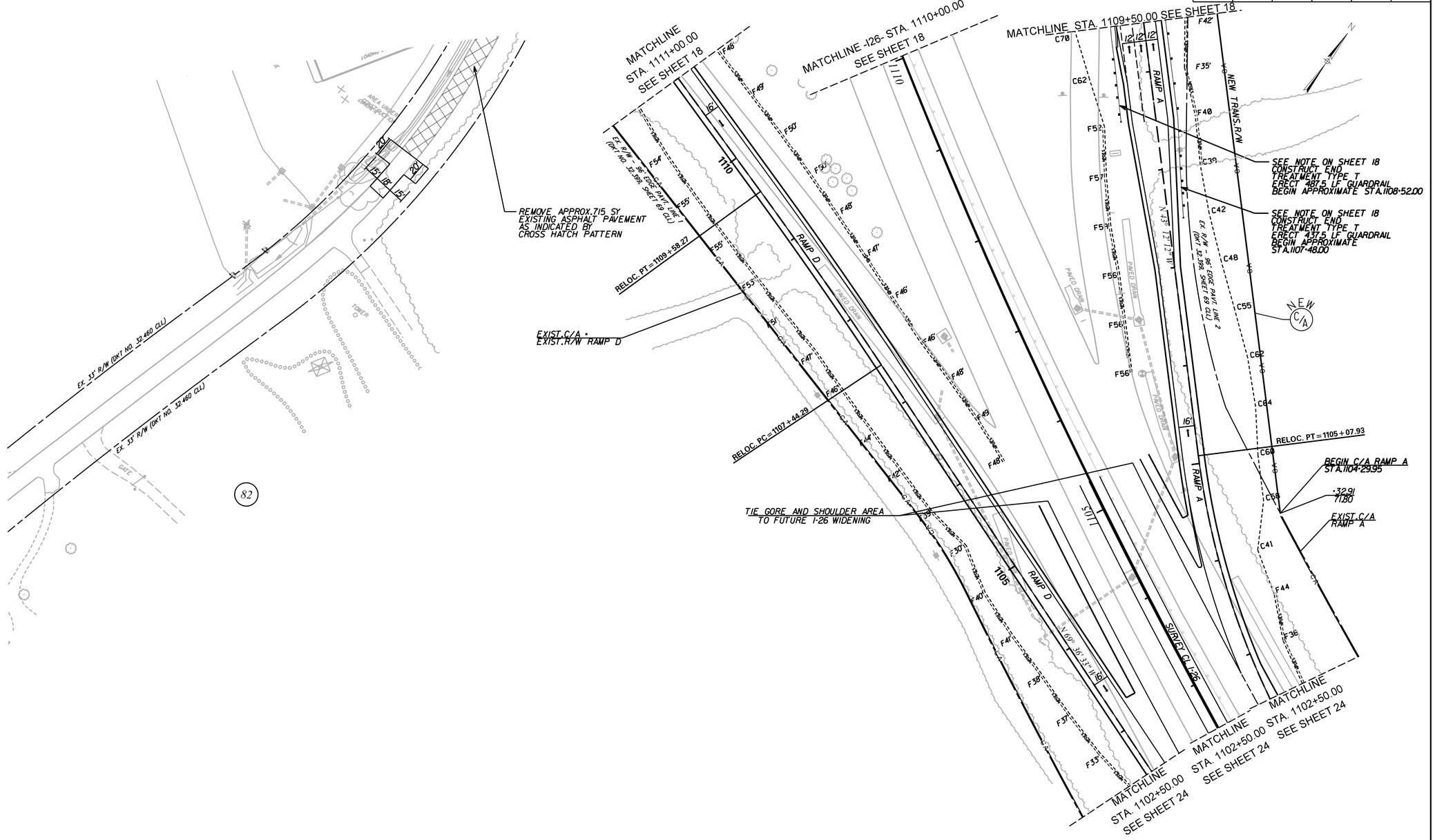
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET 22

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	23



LEGEND

- PAVEMENT REMOVAL
- SIDEWALK

NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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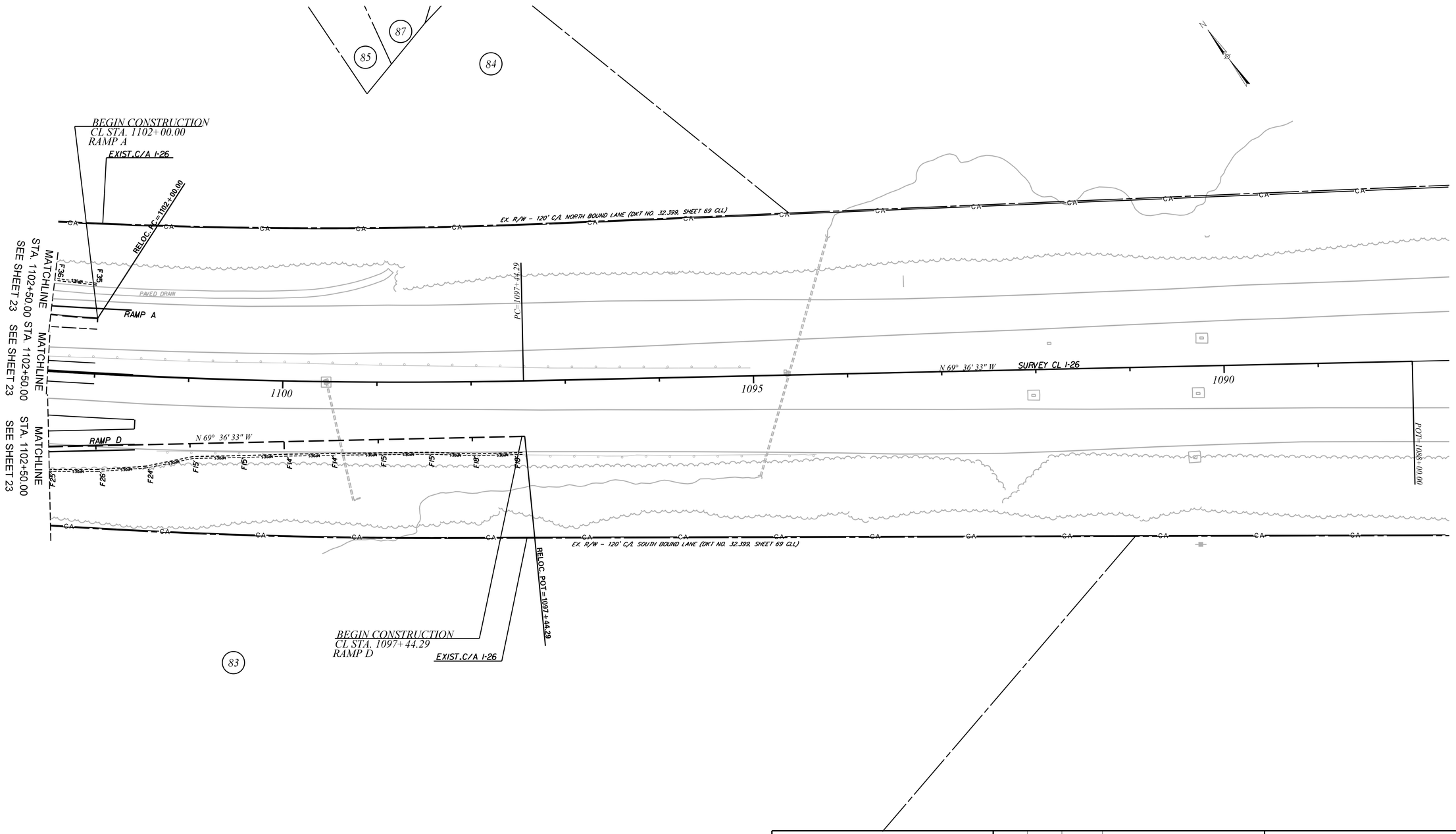
DWG. ____ DATE ____ FILE $FILE$
CKD. ____ DATE ____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") | SHEET 23

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	24



NOTE:
ALL STATIONS & OFFSETS ARE FROM PROPOSED CENTERLINE UNLESS OTHERWISE NOTED.

LEGEND
PAVEMENT REMOVAL
SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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CKD. ____ DATE ____
FILE
$FILE$
$DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

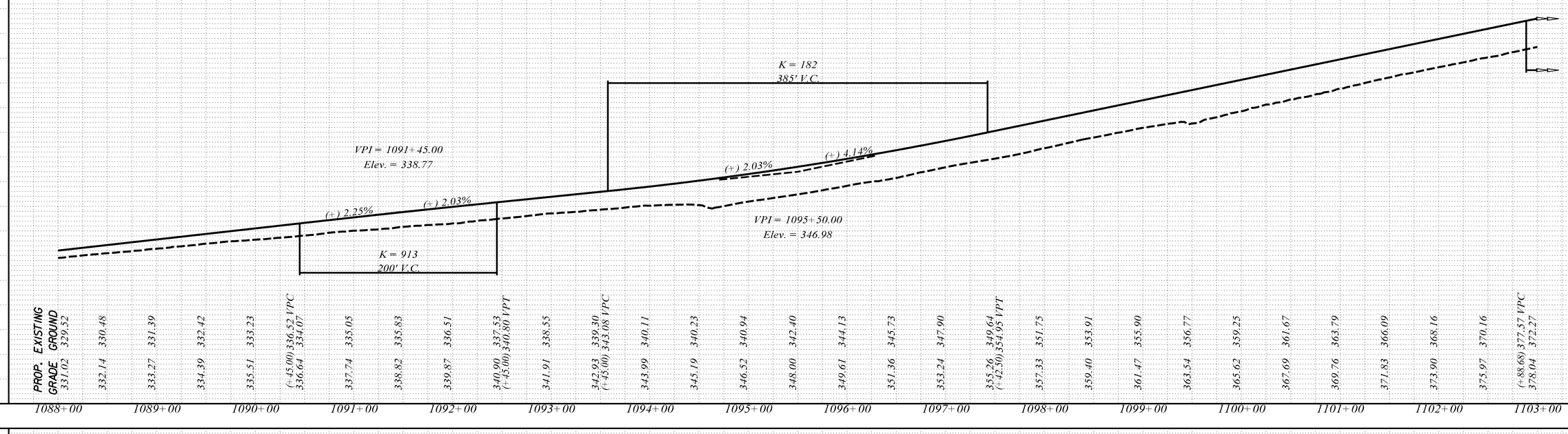
PLAN SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET 24

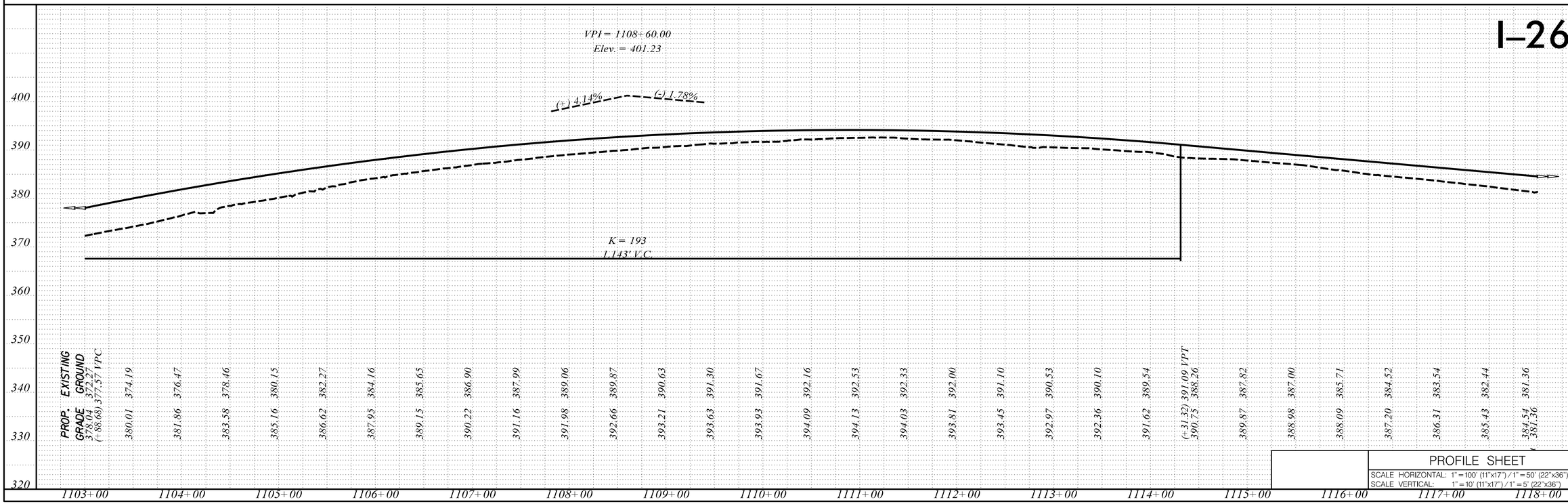
FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	25A

FOR INFORMATION ONLY.
I-26 WIDENING UNDER SEPARATE CONTRACT

I-26



I-26



PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 25A

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
	B.M.'S NOTED		
No.	STRUCTURE NOTATIONS CHECKED		

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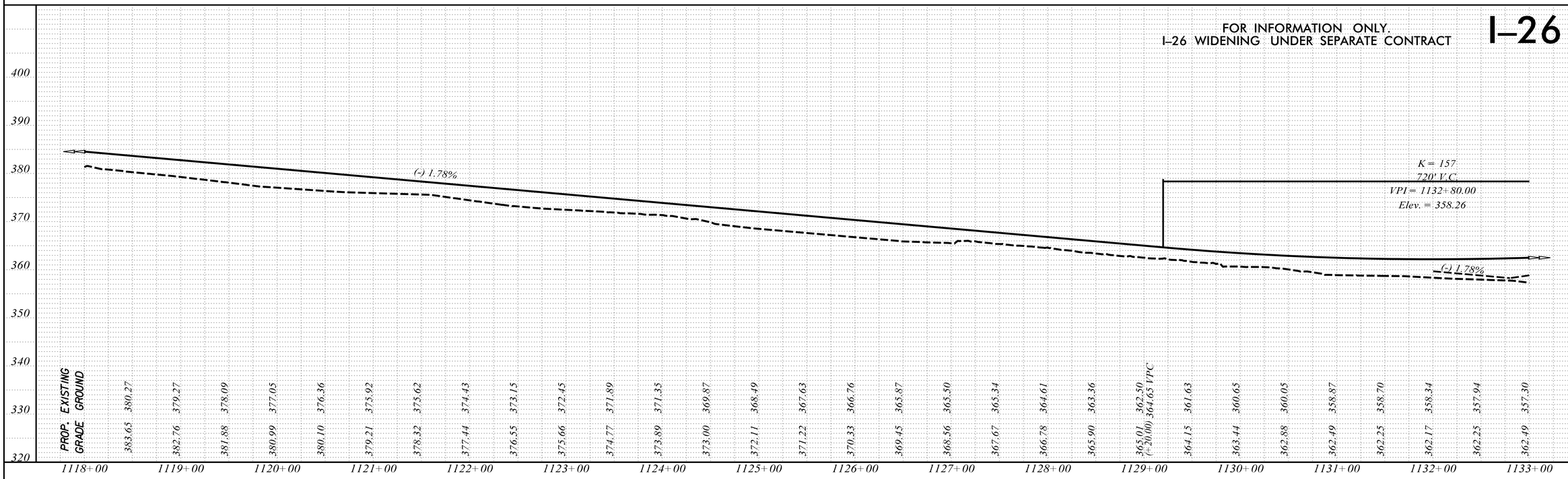
$DATE$
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	26A

FOR INFORMATION ONLY.
I-26 WIDENING UNDER SEPARATE CONTRACT

I-26



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
No.	B.M.'S NOTED		
	STRUCTURE NOTATIONS CHECKED		

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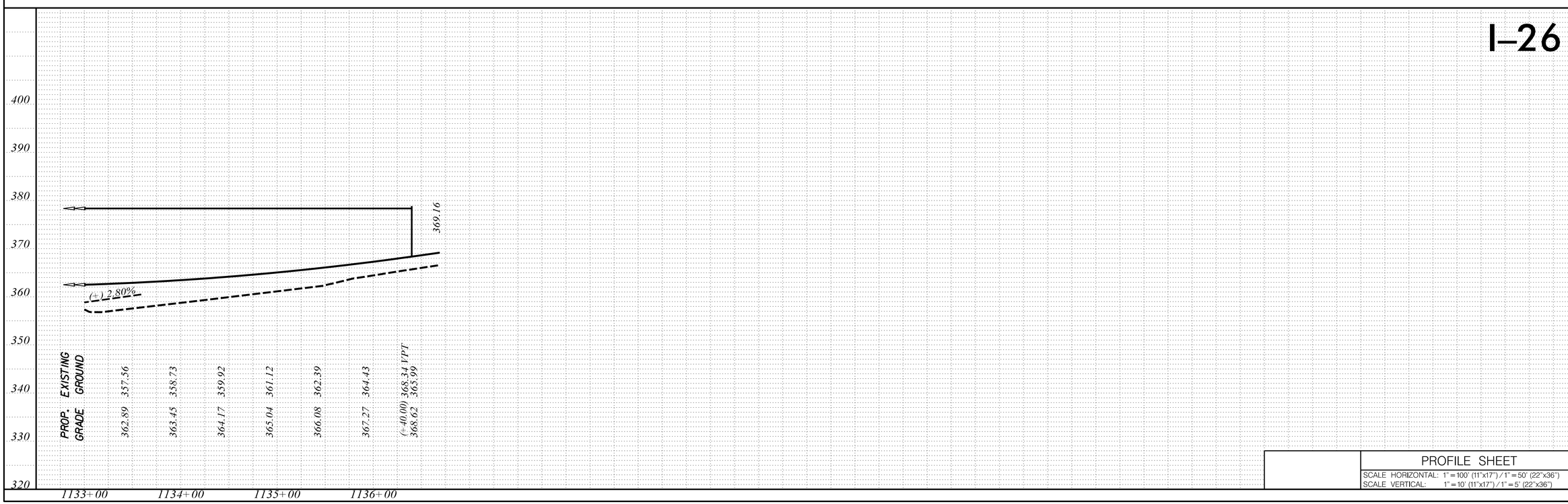
$TIME$

I-26



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	GRADES CHECKED		
No.	B.M.'S NOTED		
	STRUCTURE NOTATIONS CHECKED		

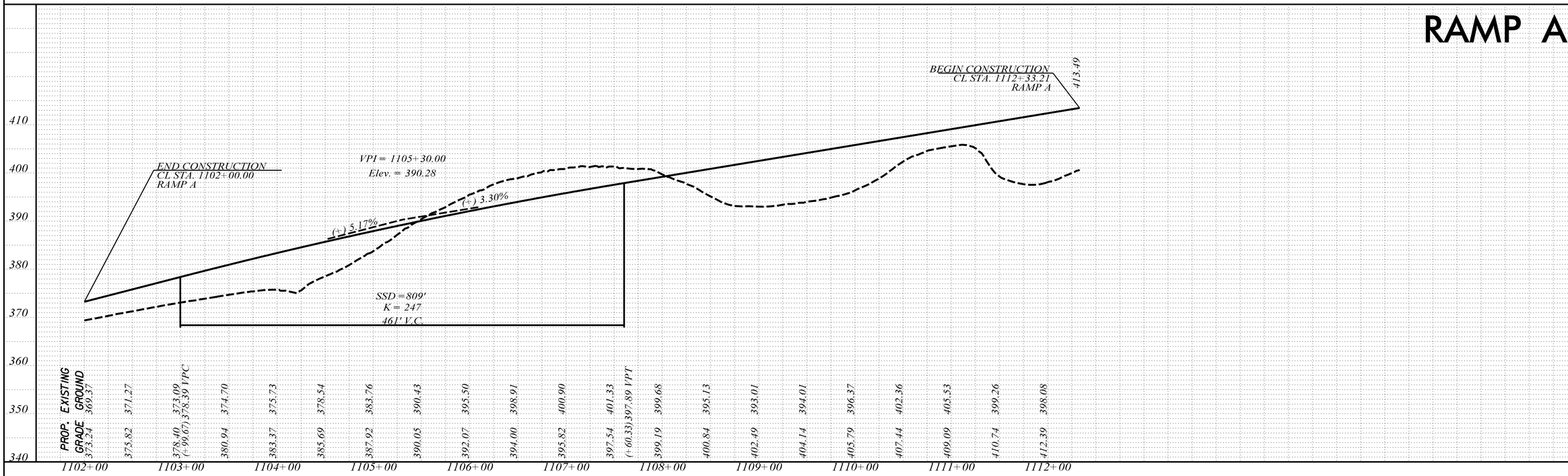
PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 26A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	27A

RAMP A



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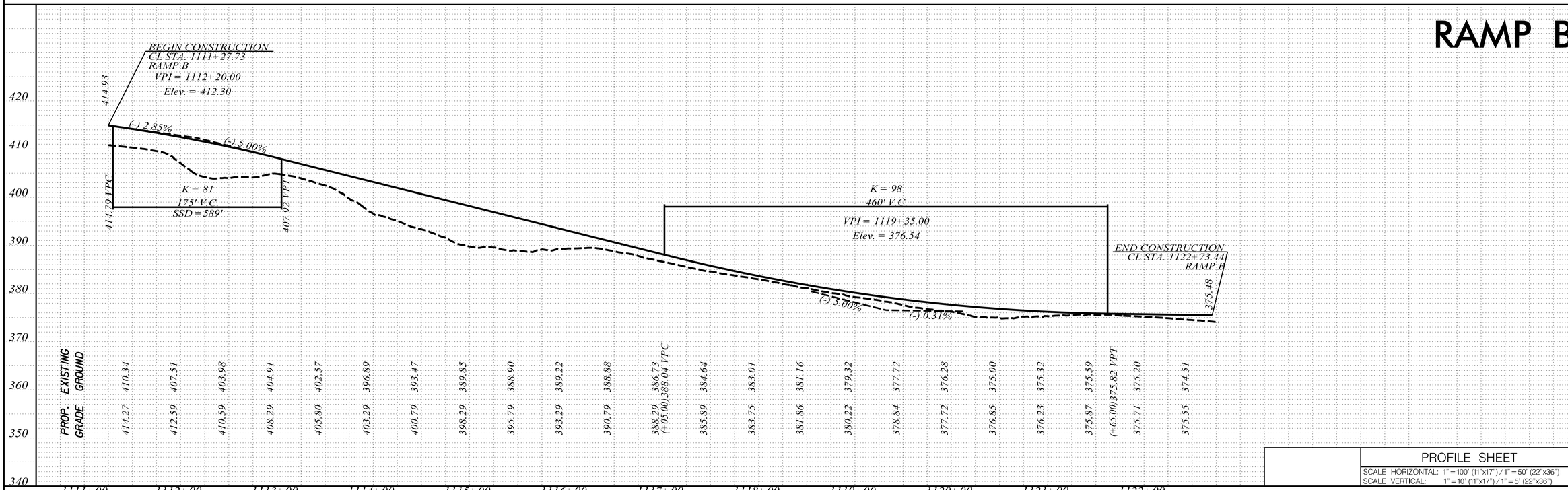

PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 27A

PROFILE	BY	DATE
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PLOTTED		
NOTE BOOK / GRADES CHECKED		
B.M.'S NOTED		
No. / STRUCTURE NOTATIONS CHECKED		

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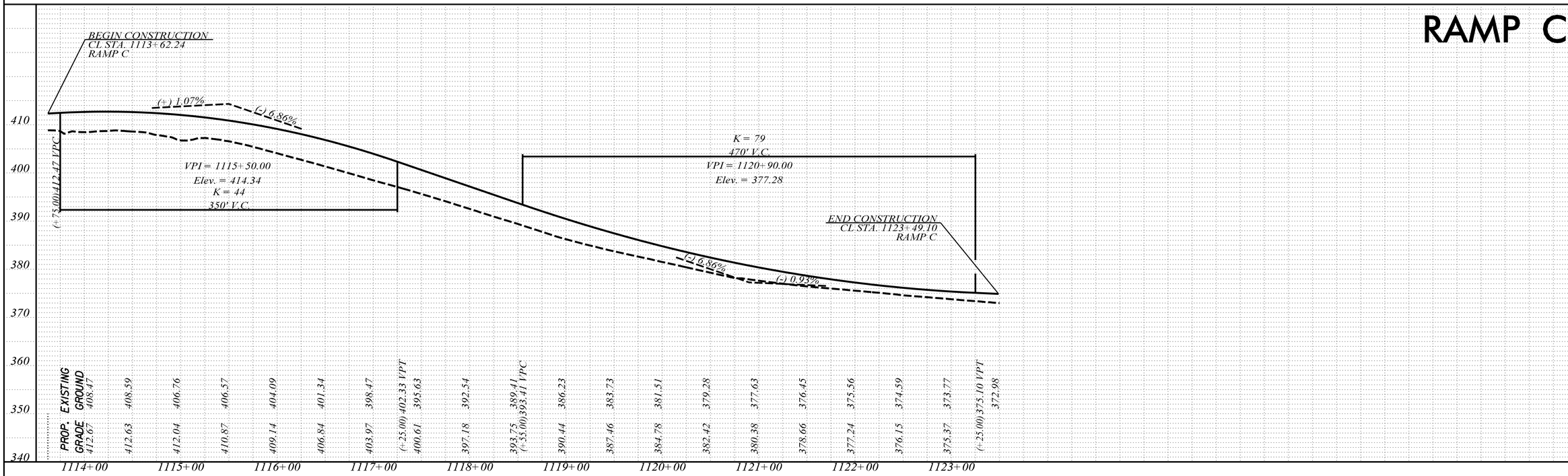
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	28A

RAMP C



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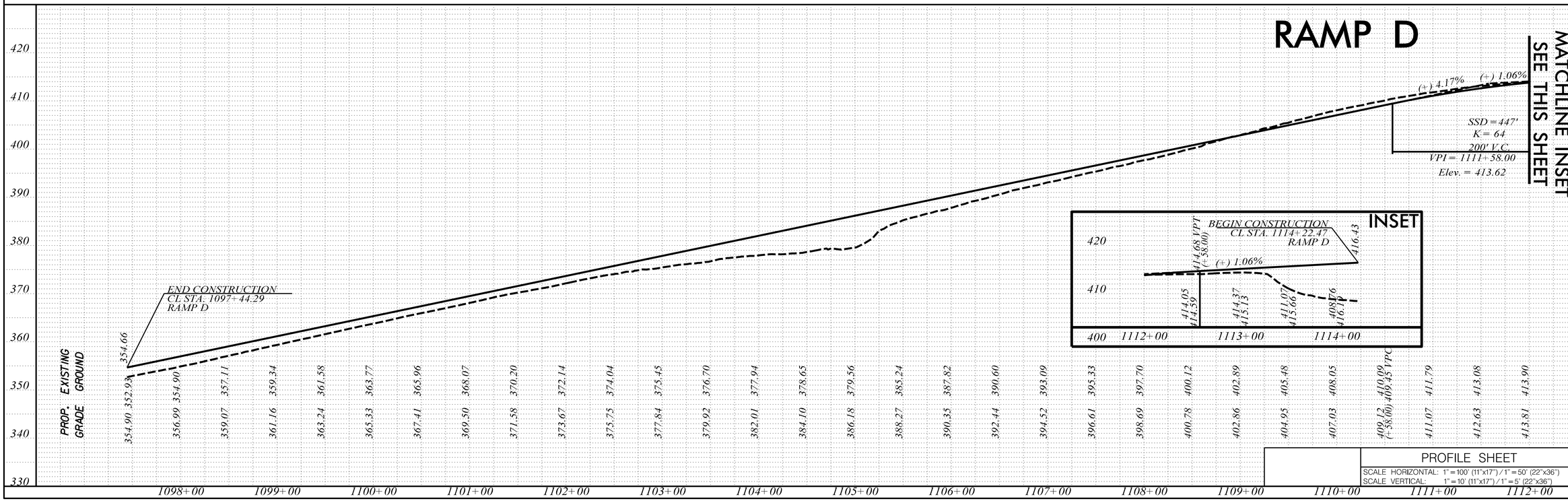

PROFILE SHEET

SCALE HORIZONTAL: 1" = 100' (11"x17") / 1" = 50' (22"x36")
SCALE VERTICAL: 1" = 10' (11"x17") / 1" = 5' (22"x36")

SHEET 28A

PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHECKED
BY
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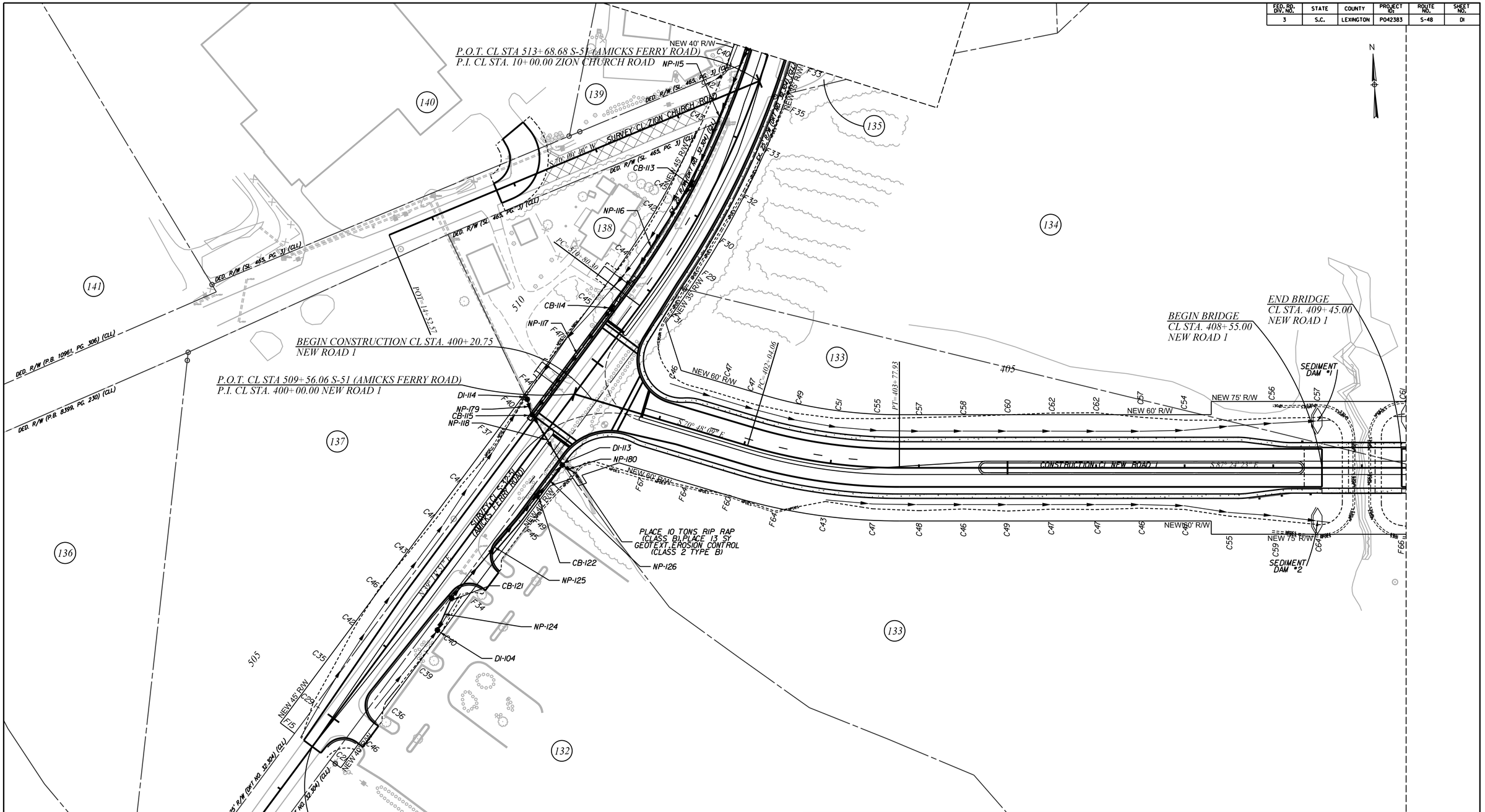
$TIME$

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D1



LEGEND

PAVEMENT REMOVAL

SIDEWALK

PRELIMINARY
NOT FOR CONSTRUCTION

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D1

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D1A

Smooth

System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Upstream Node	Upstream Node	Upstream Node	Upstream Link Invert	Downstream Node	Downstream Node	Downstream Node	Downstream Link Invert	Fill Height Min	Fill Height Max	Min Field SPT "N"	Joint Pressure	Smooth Wall Options HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
Amicks Ferry	NP-115	18.00	1	167.49	2.63	CB-112	CB-16	514+00.00	461.75	CB-113	CB-16	512+28.51	457.35										
Amicks Ferry	NP-116	18.00	1	167.38	2.72	CB-113	CB-16	512+28.51	457.35	CB-114	CB-16	510+57.67	452.80										
Amicks Ferry	NP-117	18.00	1	148.63	3.53	CB-114	CB-16	510+57.67	452.80	CB-115	CB-16	509+09.04	447.56										
Amicks Ferry	NP-118	30.00	1	61.38	0.30	CB-115	CB-16	509+09.04	446.56	DI-113	C.B. TYPE 9	508+85.56	446.37										
Amicks Ferry	NP-124	18.00	1	40.40	0.30	DI-104	C.B. TYPE 9	506+51.86	449.00	CB-121	CB-16	506+88.60	448.88										
Amicks Ferry	NP-125	18.00	1	150.31	1.06	CB-121	CB-16	506+88.60	448.88	CB-122	CB-18	508+38.66	447.28										
Amicks Ferry	NP-126	18.00	1	46.66	0.30	CB-122	CB-18	508+38.66	447.51	DI-113	C.B. TYPE 9	508+85.56	447.37										
Amicks Ferry	NP-179	18.00	1	16.65	0.30	DI-114	C.B. TYPE 9	509+21.62	447.60	CB-115	CB-16	509+09.04	447.56										
Amicks Ferry	NP-180	30.00	1	17.54	7.81	DI-113	C.B. TYPE 9	508+85.56	446.37	OP-102	OP	508+76.70	445.00										
	DP-1	18.00	1	24.00	0.50			509+69.45	448.25			509+45.45	448.13							Class V			
	DP-2	18.00	1	24.00	5.00			510+98.53	454.87			510+74.53	453.64							Class V			

PRELIMINARY
NOT FOR CONSTRUCTION

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D1A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D2

PRELIMINARY
NOT FOR CONSTRUCTION

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D2

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D2A

Smooth

System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Upstream Node	Upstream Node	Upstream Node	Upstream Link Invert	Downstream Node	Downstream Node	Downstream Node	Downstream Link Invert	Fill Height Min	Fill Height Max	Min Field SPT "N"	Joint Pressure	Smooth Wall Options HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
Amicks Ferry	NP-115	18.00	1	167.49	2.63	CB-112	CB-16	514+00.00	461.75	CB-113	CB-16	512+28.51	457.35										
Amicks Ferry	NP-116	18.00	1	167.38	2.72	CB-113	CB-16	512+28.51	457.35	CB-114	CB-16	510+57.67	452.80										
Amicks Ferry	NP-117	18.00	1	148.63	3.53	CB-114	CB-16	510+57.67	452.80	CB-115	CB-16	509+09.04	447.56										
Amicks Ferry	NP-118	30.00	1	61.38	0.30	CB-115	CB-16	509+09.04	446.56	DI-113	C.B. TYPE 9	508+85.56	446.37										
Amicks Ferry	NP-124	18.00	1	40.40	0.30	DI-104	C.B. TYPE 9	506+51.86	449.00	CB-121	CB-16	506+88.60	448.88										
Amicks Ferry	NP-125	18.00	1	150.31	1.06	CB-121	CB-16	506+88.60	448.88	CB-122	CB-18	508+38.66	447.28										
Amicks Ferry	NP-126	18.00	1	46.66	0.30	CB-122	CB-18	508+38.66	447.51	DI-113	C.B. TYPE 9	508+85.56	447.37										
Amicks Ferry	NP-179	18.00	1	16.65	0.30	DI-114	C.B. TYPE 9	509+21.62	447.60	CB-115	CB-16	509+09.04	447.56										
Amicks Ferry	NP-180	30.00	1	17.54	7.81	DI-113	C.B. TYPE 9	508+85.56	446.37	OP-102	OP	508+76.70	445.00										
	DP-1	18.00	1	24.00	0.50			509+69.45	448.25			509+45.45	448.13							Class V			
	DP-2	18.00	1	24.00	5.00			510+98.53	454.87			510+74.53	453.64							Class V			

PRELIMINARY
NOT FOR CONSTRUCTION

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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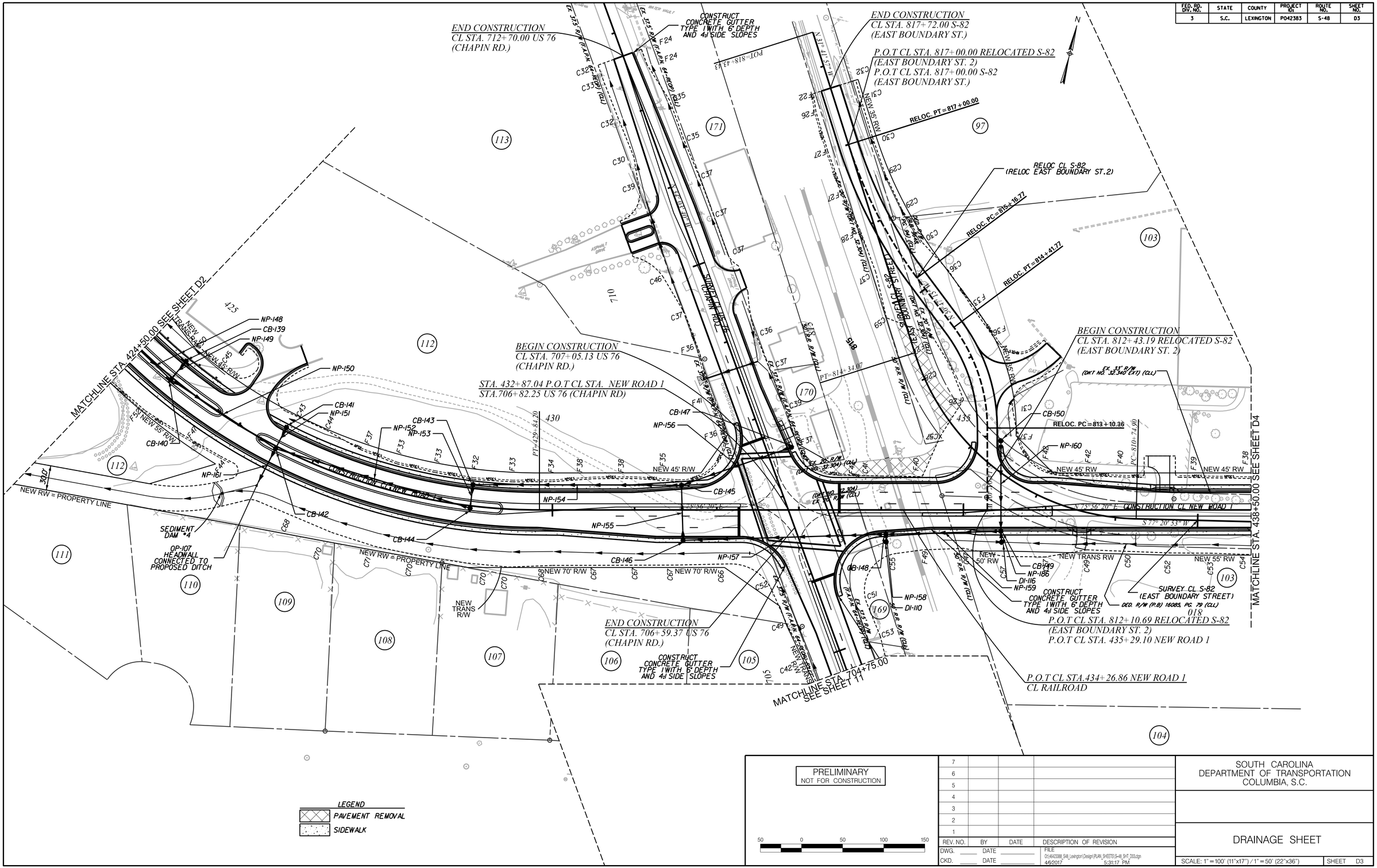
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D2A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D3



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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET D3

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D3A

Smooth

System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Upstream Node	Upstream Node Description	Upstream Node Station	Upstream Link Invert	Downstream Node	Downstream Node Description	Downstream Node Station	Downstream Link Invert	Fill Height Min	Fill Height Max	Min Field SPT "N"	Joint Pressure	Smooth Wall Options HDPE Type	HDPE Built	RCP Highest Class	RCP Built	SRAP Thickest Gage	SRAP Built
		(in)	Barrels	(ft)	(%)				(ft)				(ft)	(ft)	(ft)	below invert	(psi)		✓		✓		✓
New Road 1	NP-148	18.00	1	102.14	1.95	CB-137	CB-16	424+00.00	439.62	CB-140	CB-18	425+00.00	437.62										
New Road 1	NP-149	18.00	1	27.07	0.30	CB-139	CB-18	425+00.00	437.70	CB-140	CB-18	425+00.00	437.62										
New Road 1	NP-150	18.00	1	150.40	0.30	CB-140	CB-18	425+00.00	437.62	CB-142	CB-16	426+52.24	437.17										
New Road 1	NP-151	18.00	1	29.00	8.53	CB-141	CB-16	426+52.26	439.64	CB-142	CB-16	426+52.24	437.17										
New Road 1	NP-152	24.00	1	247.55	3.74	CB-144	CB-16	429+00.02	445.93	CB-142	CB-16	426+52.24	436.67										
New Road 1	NP-153	24.00	1	29.27	0.30	CB-143	CB-16	429+00.02	446.02	CB-144	CB-16	429+00.02	445.93										
New Road 1	NP-154	18.00	1	257.65	3.02	CB-145	CB-16	431+57.20	454.31	CB-143	CB-16	429+00.02	446.52										
New Road 1	NP-155	18.00	1	67.11	0.30	CB-146	CB-16	431+59.00	454.51	CB-145	CB-16	431+57.20	454.31										
New Road 1	NP-156	18.00	1	139.40	2.32	CB-147	CB-16	707+52.39	457.53	CB-145	CB-16	431+57.20	454.31										
New Road 1	NP-157	18.00	1	244.77	1.74	CB-148	CB-16	434+05.52	458.76	CB-146	CB-16	431+59.00	454.51										
New Road 1	NP-158	18.00	1	11.92	10.00	DI-110	C.B. TYPE 9	434+05.35	459.95	CB-148	CB-16	434+05.52	458.76										
New Road 1	NP-159	18.00	1	139.92	0.30	CB-149	CB-16	435+45.60	459.18	CB-148	CB-16	434+05.52	458.76										
New Road 1	NP-160	18.00	1	109.17	0.30	CB-150	CB-16	435+42.60	459.51	CB-149	CB-16	435+45.60	459.18										
New Road 1	NP-161	24.00	1	45.74	0.37	CB-142	CB-16	426+52.24	436.67	OP-107	OP	426+52.20	436.50										
New Road 1	NP-186	18.00	1	13.74	8.32	DI-116	C.B. TYPE 9	435+47.15	460.33	CB-149	CB-16	435+45.60	459.18										
	DP-4	18.00	1	64.00	1.00			710+29.95	452.11			710+93.95	451.47							Class V			
	DP-5	18.00	1	24.00	4.50			436+56.04	466.00			436+32.04	464.92							Class V			
	DP-6	18.00	1	40.00	2.80			439+63.72	467.01			440+03.72	465.89							Class V			
	CLP-1	18.00	1	76.20	1.00			708+65.85	454.00			708+65.85	453.24										

PRELIMINARY
NOT FOR CONSTRUCTION

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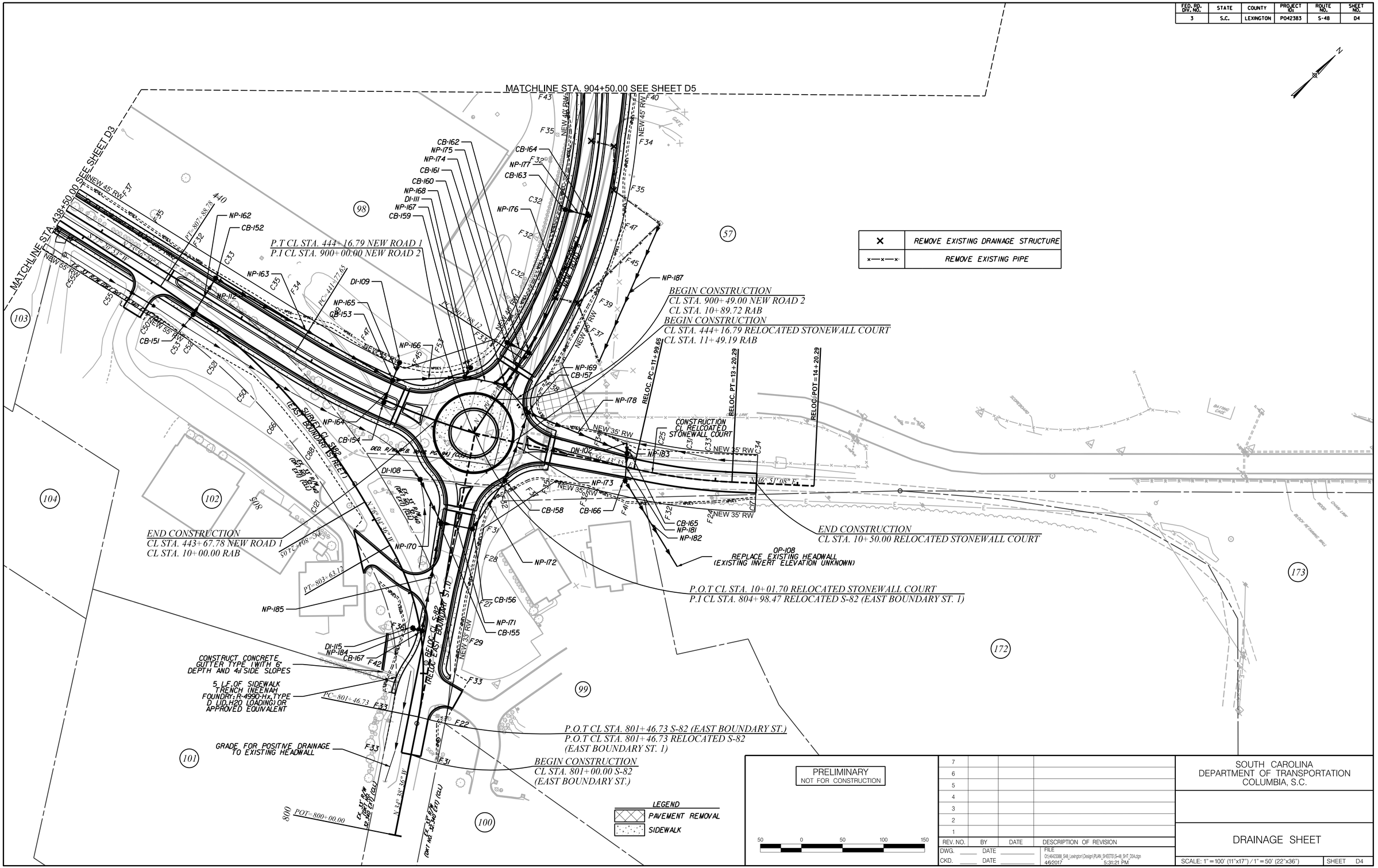
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D3A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D4



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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") | SHEET D4

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D4A

Smooth

System ID	Link ID	Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Upstream Node	Upstream Node Description	Upstream Node Station	Upstream Link Invert (ft)	Downstream Node	Downstream Node Description	Downstream Node Station	Downstream Link Invert (ft)	Fill Height Min (ft)	Fill Height Max (ft)	Min Field SPT "N" below invert	Joint Pressure (psi)	Smooth Wall Options HDPE Type	HDPE Built ✓	RCP Highest Class	RCP Built ✓	SRAP Thickest Gage	SRAP Built ✓
New Road 2	NP-100	18.00	1	62.61	0.30	DI-100	C.B. TYPE 9	920+32.58	469.88	CB-100	CB-16	919+70.87	469.69										
New Road 2	NP-101	18.00	1	46.00	2.47	CB-100	CB-16	919+70.87	469.69	CB-101	CB-16	919+70.87	468.55										
New Road 2	NP-102	36.00	1	311.05	0.30	CB-101	CB-16	919+70.87	467.05	CB-103	CB-16	916+50.00	466.12										
New Road 2	NP-103	18.00	1	29.00	6.65	CB-102	CB-16	916+50.00	469.55	CB-103	CB-16	916+50.00	467.62										
New Road 2	NP-104	36.00	1	231.86	1.19	CB-103	CB-16	916+50.00	466.12	CB-105	CB-16	914+07.25	463.35										
New Road 2	NP-105	18.00	1	29.01	4.04	CB-104	CB-16	914+07.93	466.02	CB-105	CB-16	914+07.25	464.85										
New Road 2	NP-106	36.00	1	96.06	0.94	CB-105	CB-16	914+07.25	463.35	CB-107	CB-18	913+07.25	462.45										
New Road 2	NP-107	18.00	1	29.00	3.77	CB-106	CB-18	913+07.25	465.05	CB-107	CB-18	913+07.25	463.95										
New Road 2	NP-108	36.00	1	50.76	0.30	CB-107	CB-18	913+07.25	462.45	OP-100	OP	912+54.67	462.30										
New Road 2	NP-109	18.00	1	46.00	0.50	CB-109	CB-16	910+57.91	467.41	CB-108	CB-16	910+57.91	467.18										
New Road 2	NP-110	18.00	1	150.00	1.00	CB-108	CB-16	910+57.91	467.18	CB-110	CB-16	912+07.91	465.68										
New Road 2	NP-111	18.00	1	37.54	7.00	CB-110	CB-16	912+07.91	465.68	OP-101	OP	912+45.33	463.05										
New Road 2	NP-112	18.00	1	31.05	2.01	CB-111	CB-16	912+07.76	466.30	CB-110	CB-16	912+07.91	465.68										
New Road 2	NP-113	24.00	1	154.20	4.22	DN-100	DUMMY JOINT	921+25.04	474.56	CB-101	CB-16	919+70.87	468.05										
New Road 1	NP-162	18.00	1	50.04	0.30	CB-151	CB-16	440+48.00	463.00	CB-152	CB-16	440+48.00	462.85										
New Road 1	NP-163	18.00	1	248.46	2.67	CB-152	CB-16	440+48.00	462.85	CB-153	CB-16	443+00.24	456.22										
New Road 1	NP-164	18.00	1	29.02	1.94	CB-154	CB-16	443+01.47	456.79	CB-153	CB-16	443+00.24	456.22										
New Road 1	NP-165	18.00	1	24.12	1.14	DI-109	C.B. TYPE 9	443+00.15	456.50	CB-153	CB-16	443+00.24	456.22										
Roundabout	NP-166	18.00	1	86.08	2.63	CB-153	CB-16	443+00.24	456.22	CB-159	C.B. TYPE 1	10+53.82	453.96										
Roundabout	NP-167	18.00	1	12.82	0.30	DI-111	C.B. TYPE 9	900+66.86	454.00	CB-159	C.B. TYPE 1	10+53.82	453.96										
Roundabout	NP-168	24.00	1	52.49	1.55	CB-159	C.B. TYPE 1	10+53.82	453.46	CB-160	C.B. TYPE 1	10+89.84	452.65										
Roundabout	NP-169	30.00	1	40.38	0.30	CB-160	C.B. TYPE 1	10+89.84	452.15	CB-157	C.B. TYPE 1	11+20.92	452.03										
East Boundary	NP-170	24.00	1	59.35	0.30	DI-108	C.B. TYPE 9	443+75.08	456.00	CB-155	CB-16	803+83.94	455.82										
East Boundary	NP-171	24.00	1	37.23	0.30	CB-155	CB-16	803+83.94	455.82	CB-156	CB-16	803+83.88	455.71										
East Boundary	NP-172	24.00	1	70.33	2.37	CB-156	CB-16	803+83.88	455.71	CB-158	C.B. TYPE 1	11+86.62	454.04										
Roundabout	NP-173	24.00	1	87.26	1.73	CB-158	C.B. TYPE 1	11+86.62	454.04	CB-157	C.B. TYPE 1	11+20.92	452.53										
New Road 2	NP-174	18.00	1	48.23	4.34	CB-162	CB-16	901+18.30	455.24	CB-160	C.B. TYPE 1	10+89.84	453.15										
New Road 2	NP-175	18.00	1	31.03	0.30	CB-161	CB-16	901+14.65	455.34	CB-162	CB-16	901+18.30	455.24										
New Road 2	NP-176	18.00	1	182.50	3.65	CB-164	CB-16	902+99.98	461.90	CB-162	CB-16	901+18.30	455.24										
New Road 2	NP-177	18.00	1	29.00	0.30	CB-163	CB-16	902+99.98	461.99	CB-164	CB-16	902+99.98	461.90										
Roundabout	NP-178	36.00	1	126.56	1.42	CB-157	C.B. TYPE 1	11+20.92	451.53	CB-165	CB-16	11+87.43	449.72										
New Road 1 East	NP-181	42	1	33.41	0.48	CB-165	CB-16	11+87.43	449.22	CB-166	CB-16	11+92.42	449.06										
New Road 1 East	NP-182	42	1	120.72	5.44	CB-166	CB-16	11+92.42	449.06	OP-108	OP	12+66.84	442.50										
New Road 1 East	NP-183	24	1	13.71	2.00	DN-102	DUMMY JOINT	11+84.24	454.23	CB-165	CB-16	11+87.43	453.96										
East Boundary	NP-184	18	1	15.49	0.30	DI-115	C.B. TYPE 9	802+53.61	460.37	CB-167	CB-16	802+50.27	460.32										
East Boundary	NP-185	18	1	133.67	2.99	CB-167	CB-16	802+50.27	460.32	CB-155	CB-16	803+83.94	456.32										
New Road 2	NP-187	18	1	184.51	1.28	DN-103	DUMMY JOINT	903+11.52	454.67	DN-104	DUMMY JOINT	901+49.82	452.31										

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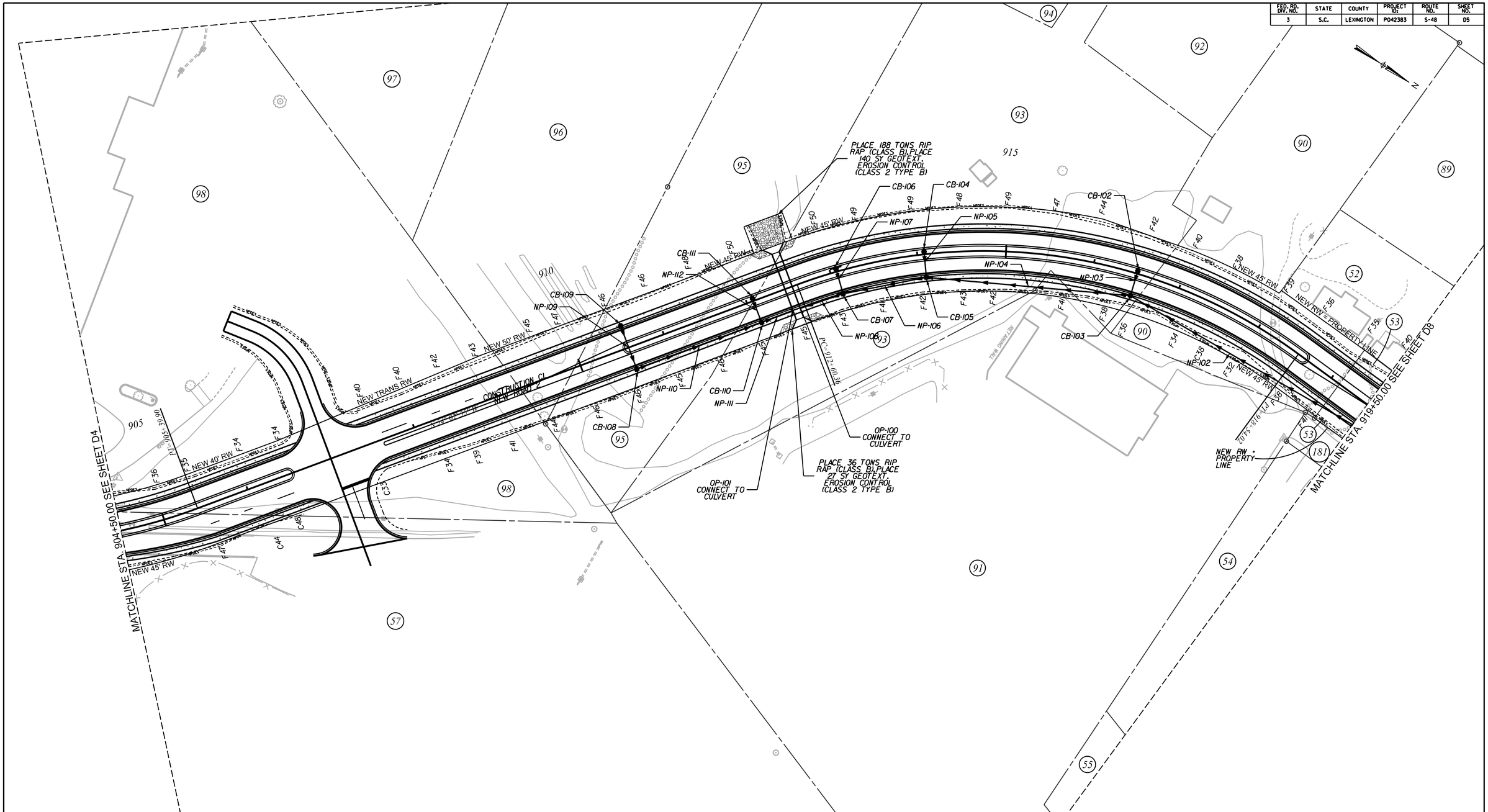
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D4A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D5



LEGEND

PAVEMENT REMOVAL

SIDEWALK

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36")

SHEET D5

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D5A

Smooth

System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Upstream Node	Upstream Node Description	Upstream Node Station	Upstream Link Invert	Downstream Node	Downstream Node Description	Downstream Node Station	Downstream Link Invert	Fill Height Min	Fill Height Max	Min Field SPT "N"	Joint Pressure	Smooth Wall Options HDPE Type	HDPE Built ✓	RCP Highest Class	RCP Built ✓	SRAP Thickest Gage	SRAP Built ✓
		(in)	Barrels	(ft)	(%)				(ft)				(ft)	(ft)	(ft)	below invert	(psi)						
New Road 2	NP-102	36.00	1	311.05	0.30	CB-101	CB-16	919+70.87	467.05	CB-103	CB-16	916+50.00	466.12										
New Road 2	NP-103	18.00	1	29.00	6.65	CB-102	CB-16	916+50.00	469.55	CB-103	CB-16	916+50.00	467.62										
New Road 2	NP-104	36.00	1	231.86	1.19	CB-103	CB-16	916+50.00	466.12	CB-105	CB-16	914+07.25	463.35										
New Road 2	NP-105	18.00	1	29.01	4.04	CB-104	CB-16	914+07.93	466.02	CB-105	CB-16	914+07.25	464.85										
New Road 2	NP-106	36.00	1	96.06	0.94	CB-105	CB-16	914+07.25	463.35	CB-107	CB-18	913+07.25	462.45										
New Road 2	NP-107	18.00	1	29.00	3.77	CB-106	CB-18	913+07.25	465.05	CB-107	CB-18	913+07.25	463.95										
New Road 2	NP-108	36.00	1	50.76	0.30	CB-107	CB-18	913+07.25	462.45	OP-100	OP	912+54.67	462.30										
New Road 2	NP-109	18.00	1	46.00	0.50	CB-109	CB-16	910+57.91	467.41	CB-108	CB-16	910+57.91	467.18										
New Road 2	NP-110	18.00	1	150.00	1.00	CB-108	CB-16	910+57.91	467.18	CB-110	CB-16	912+07.91	465.68										
New Road 2	NP-111	18.00	1	37.54	7.00	CB-110	CB-16	912+07.91	465.68	OP-101	OP	912+45.33	463.05										
New Road 2	NP-112	18.00	1	31.05	2.01	CB-111	CB-16	912+07.76	466.30	CB-110	CB-16	912+07.91	465.68										

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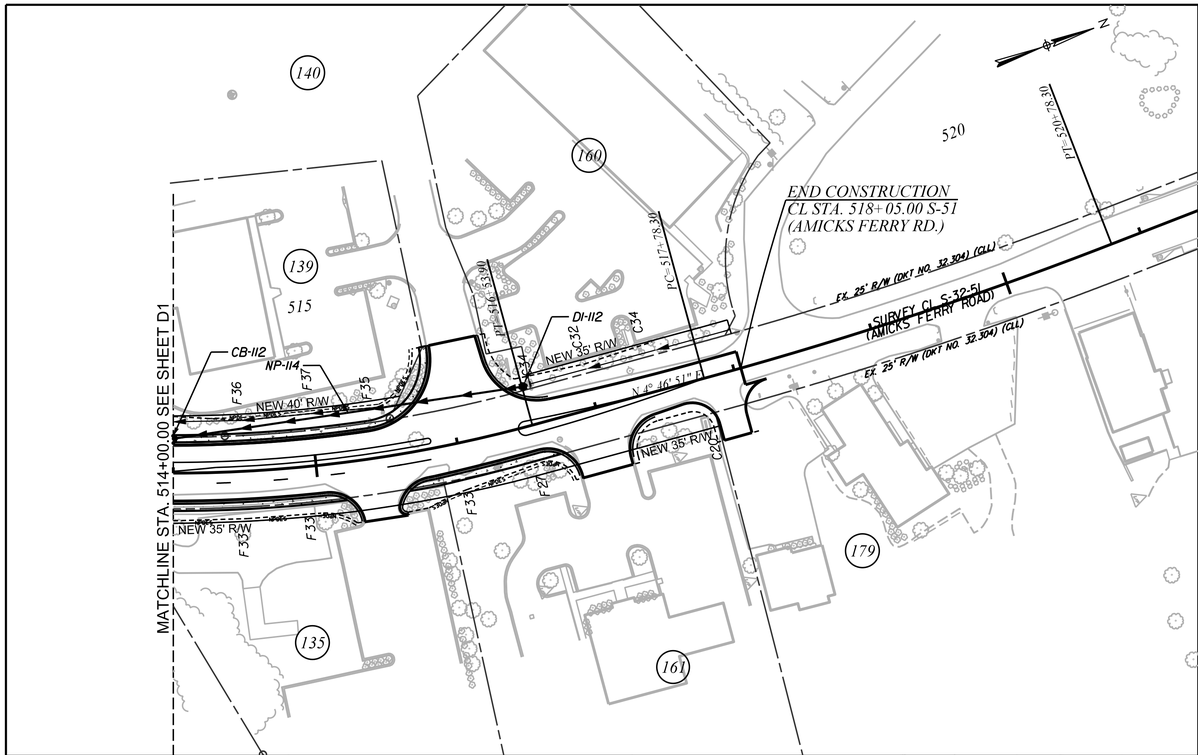
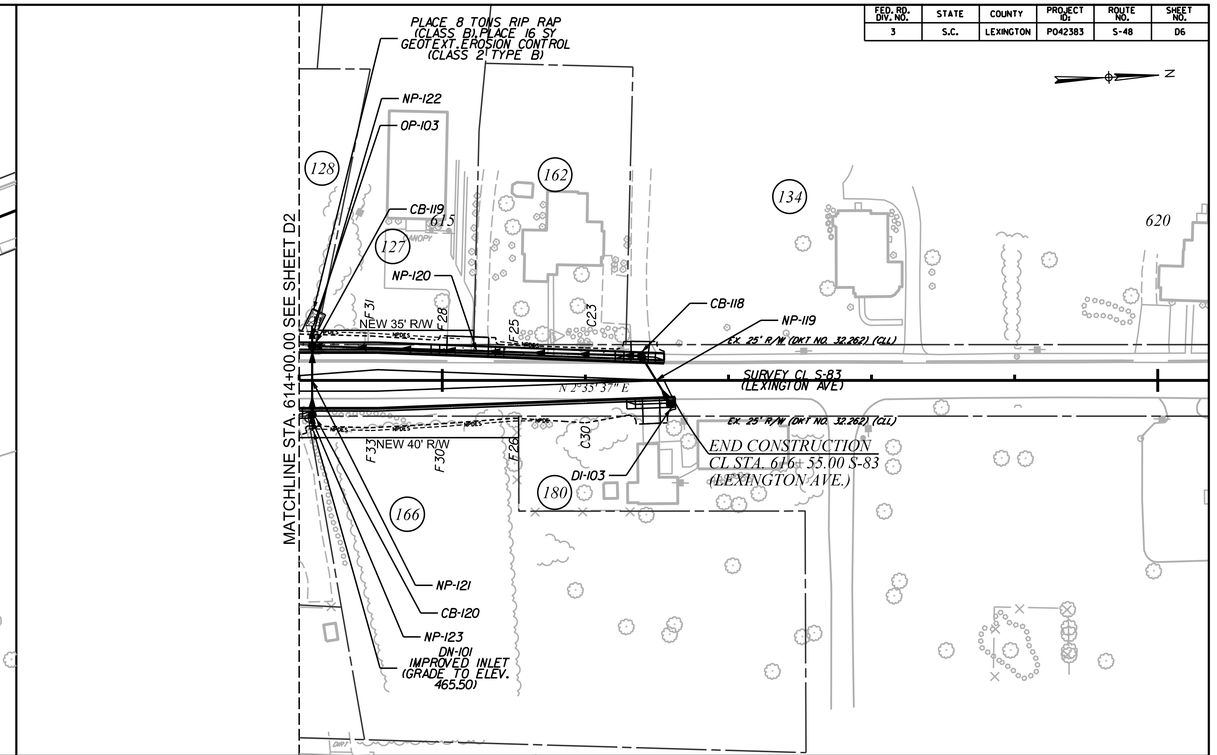
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

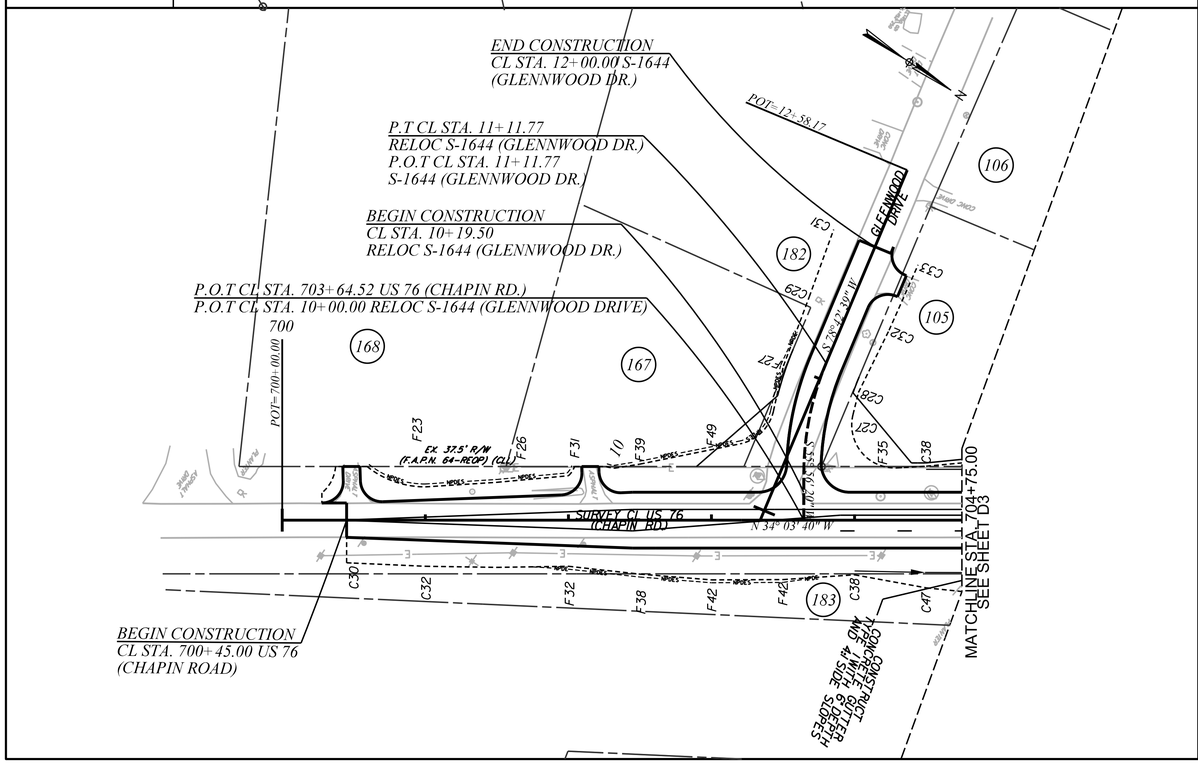
DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D5A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D6







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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRIANAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D6

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT ID:	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D6A

Smooth

System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Upstream Node	Upstream Node	Upstream Node	Upstream Link Invert	Downstream Node	Downstream Node	Downstream Node	Downstream Link Invert	Fill Height Min	Fill Height Max	Min Field SPT "N"	Joint Pressure	Smooth Wall Options HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
Amicks Ferry	NP-114	18.00	1	247.52	1.11	DI-112	C.B. TYPE 9	516+57.13	464.50	CB-112	CB-16	514+00.00	461.75										
Lexington	NP-119	18.00	1	39.68	0.30	DI-103	C.B. TYPE 9	616+62.20	457.87	CB-118	CB-16	616+38.93	457.75										
Lexington	NP-120	18.00	1	231.96	0.48	CB-118	CB-16	616+38.93	457.75	CB-119	CB-16	614+09.14	456.62										
Lexington	NP-121	24.00	1	44.00	1.77	CB-120	CB-16	614+09.10	456.36	CB-119	CB-16	614+09.14	455.58										
Lexington	NP-122	24.00	1	16.15	0.50	CB-119	CB-16	614+09.14	455.58	OP-103	OP	614+09.14	455.50										
Lexington	NP-123	24.00	1	14.41	0.95	DN-101	DUMMY JOINT	614+09.29	456.50	CB-120	CB-16	614+09.10	456.36										

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

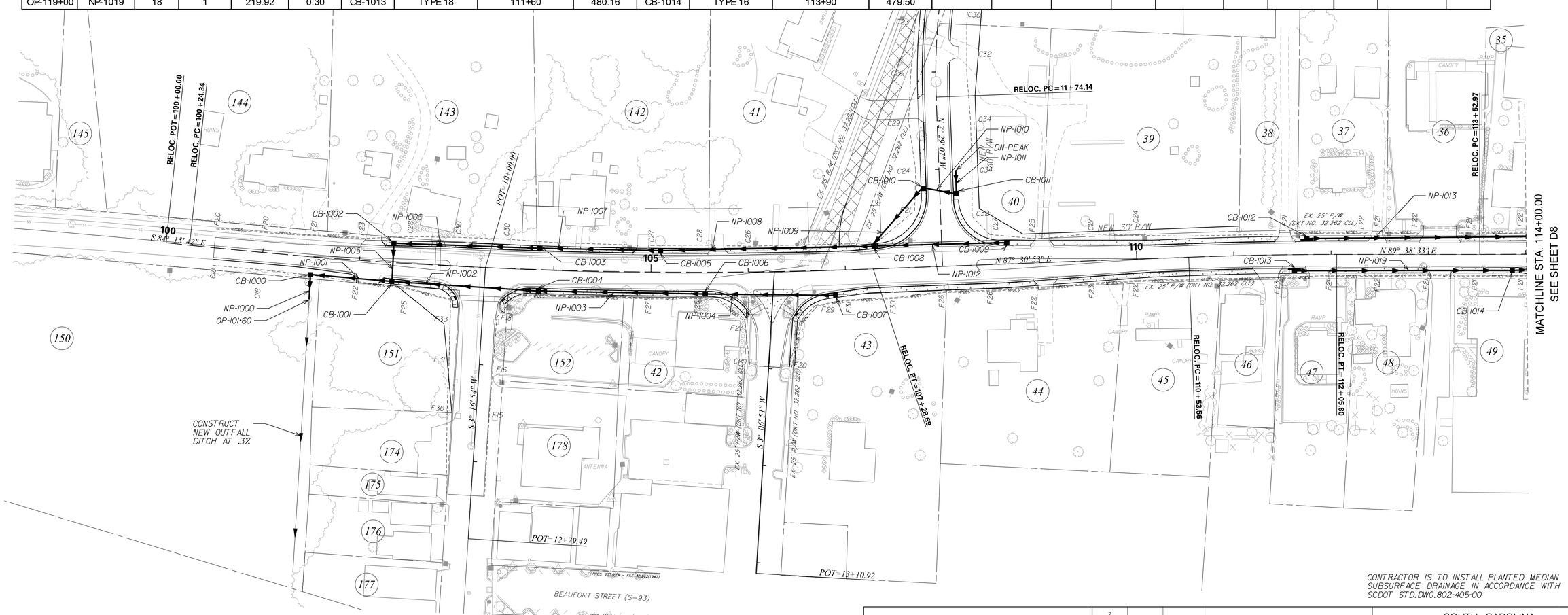
DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET D6A

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D7

Smooth

System ID	Link ID	Geometry: Diameter (in)	Geometry: No. of Barrels	Geometry: Pipe Length (ft)	Geometry: Slope (%)	Upstream: Node	Upstream: Node Description	Upstream: Node Station	Upstream: Link Invert (ft)	Downstream: Node	Downstream: Node Description	Downstream: Node Station	Downstream: Link Invert (ft)	Fill Height: Min (ft)	Fill Height: Max (ft)	Min Field SPT "N" below invert	Joint Pressure (psi)	Smooth Wall Options: HDPE Type	HDPE Built ✓	RCP Highest Class	RCP Built ✓	SRAP Thickest Gage	SRAP Built ✓
OP-101+60	NP-1000	18	1	23.40	2.14	CB-1000	TYPE 9	101+60	466.50	OP-101+60	OUTFALL	101+60	466.00										
OP-101+60	NP-1001	18	1	71.13	3.52	CB-1001	TYPE 16	102+35	469.00	CB-1000	TYPE 9	101+60	466.50										
OP-101+60	NP-1002	18	1	147.11	3.23	CB-1004	TYPE 16	103+85	473.75	CB-1001	TYPE 16	102+35	469.00										
OP-101+60	NP-1003	18	1	167.69	2.45	CB-1006	TYPE 16	105+55	477.85	CB-1004	TYPE 16	103+85	473.75										
OP-101+60	NP-1004	18	1	130.09	1.48	CB-1007	TYPE 16	106+90	479.78	CB-1006	TYPE 16	105+55	477.85										
OP-101+60	NP-1005	18	1	35.43	2.82	CB-1002	TYPE 16	102+35	470.00	CB-1001	TYPE 16	102+35	469.00										
OP-101+60	NP-1006	18	1	146.14	2.22	CB-1003	TYPE 16	103+85	473.25	CB-1002	TYPE 16	102+35	470.00										
OP-101+60	NP-1007	18	1	120.35	2.50	CB-1005	TYPE 16	105+10	476.26	CB-1003	TYPE 16	103+85	473.25										
OP-101+60	NP-1008	18	1	215.53	1.40	CB-1008	TYPE 16	107+30	479.28	CB-1005	TYPE 16	105+10	476.26										
OP-101+60	NP-1009	18	1	75.45	1.50	CB-1010	TYPE 16	107+85	480.41	CB-1008	TYPE 16	107+30	479.28										
OP-101+60	NP-1010	18	1	30.20	0.30	CB-1011	TYPE 16	108+15	480.50	CB-1010	TYPE 16	107+85	480.41										
OP-101+60	NP-1011	18	1	21.95	9.10	DN-PEAK	DUMMY JOINT	108+17	482.50	CB-1011	TYPE 16	108+15	480.50										
OP-101+60	NP-1012	18	1	132.71	0.92	CB-1009	TYPE 16	108+65	480.50	CB-1008	TYPE 16	107+30	479.28										
OP-119+00	NP-1013	18	1	322.19	0.30	CB-1012	TYPE 18	111+75	480.65		TYPE 16	115+00	479.68										
OP-119+00	NP-1019	18	1	219.92	0.30	CB-1013	TYPE 18	111+60	480.16	CB-1014	TYPE 16	113+90	479.50										



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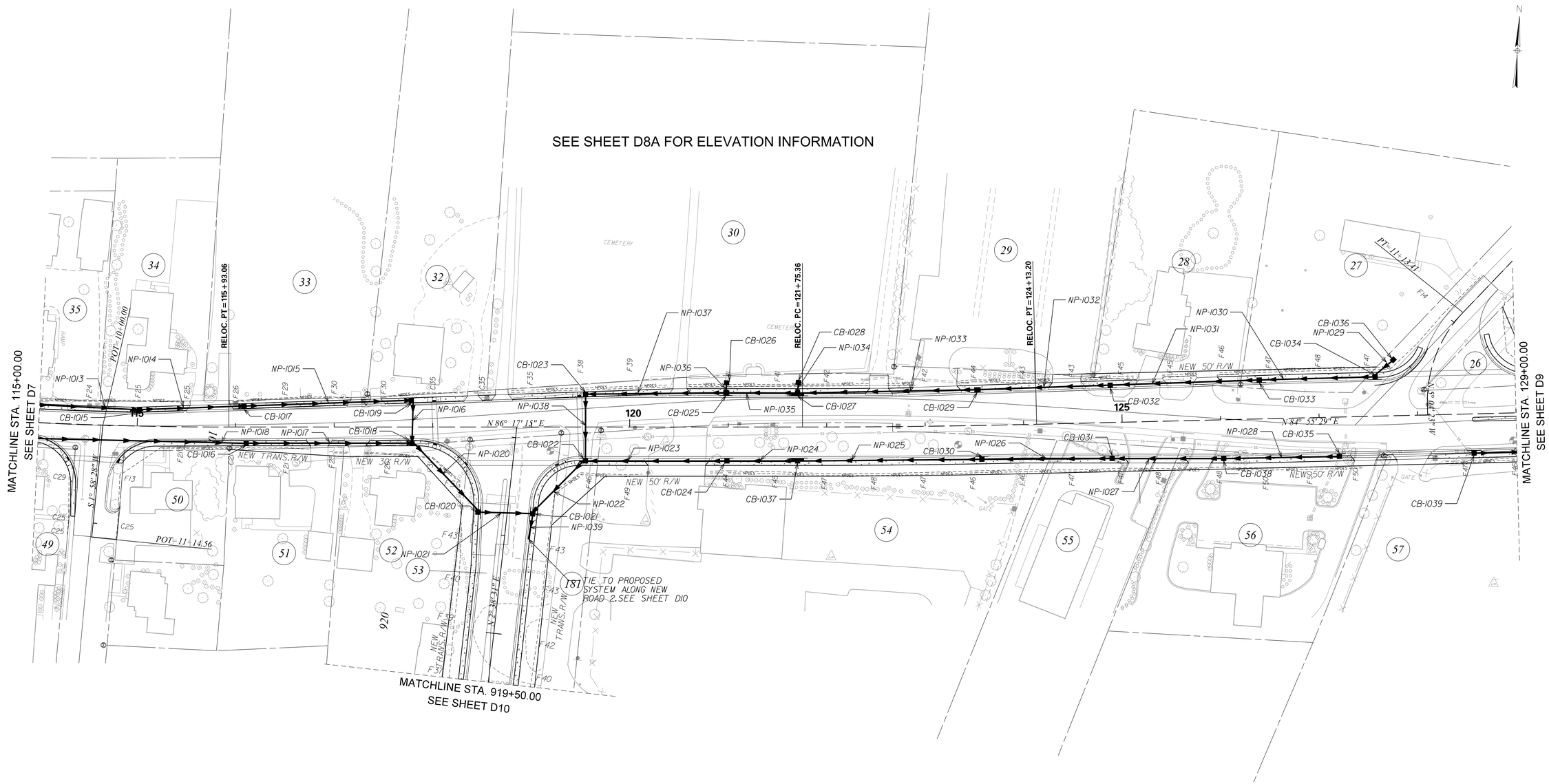
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D8



CONTRACTOR IS TO INSTALL PLANTED MEDIAN SUBSURFACE DRAINAGE IN ACCORDANCE WITH SCDOT STD.DWG.802-405-00

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D8A

Smooth																							
		Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					
System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Node	Node	Node	Link Invert	Node	Node	Node	Link Invert	Min	Max	SPT "N"	Pressure	HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
OP-119+00	NP-1013	18	1	322.19	0.30	CB-1012	TYPE 18	111+75	480.65	CB-1015	TYPE 16	115+00	479.68										
OP-119+00	NP-1014	18	1	102.15	0.74	CB-1015	TYPE 16	115+00	479.68	CB-1017	TYPE 16	116+10	478.92										
OP-119+00	NP-1015	18	1	165.91	1.38	CB-1017	TYPE 16	116+10	478.92	CB-1019	TYPE 16	117+80	476.63										
OP-119+00	NP-1016	18	1	41.76	0.38	CB-1019	TYPE 16	117+80	476.63	CB-1018	TYPE 16	117+80	476.47										
OP-119+00	NP-1017	18	1	164.42	1.25	CB-1016	TYPE 16	116+10	478.53	CB-1018	TYPE 16	117+80	476.47										
OP-119+00	NP-1018	18	1	221.18	0.43	CB-1014	TYPE 16	113+90	479.50	CB-1016	TYPE 16	116+10	478.54										
OP-119+00	NP-1020	18	1	93.90	9.33	CB-1018	TYPE 16	117+80	476.47	CB-1020	TYPE 16	118+45	467.71										
OP-119+00	NP-1021	18	1	51.90	4.26	CB-1020	TYPE 16	118+45	467.71	CB-1021	TYPE 16	119+00	465.50										
OP-119+00	NP-1022	24	1	72.66	1.86	CB-1022	TYPE 16	119+55	468.85	CB-1021	TYPE 16	119+00	467.50										
OP-119+00	NP-1023	18	1	139.70	2.63	CB-1024	TYPE 16	121+00	473.17	CB-1022	TYPE 16	119+55	469.50										
OP-119+00	NP-1024	18	1	67.69	0.30	CB-1037	TYPE 18	121+70	473.37	CB-1024	TYPE 16	121+00	473.17										
OP-119+00	NP-1025	18	1	183.17	0.30	CB-1030	TYPE 16	123+55	473.92	CB-1037	TYPE 18	121+70	473.37										
OP-119+00	NP-1026	18	1	128.23	0.30	CB-1031	TYPE 16	124+90	474.31	CB-1030	TYPE 16	123+55	473.92										
OP-119+00	NP-1027	18	1	109.29	0.30	CB-1038	TYPE 16	126+00	474.64	CB-1031	TYPE 16	124+90	474.31										
OP-119+00	NP-1028	18	1	113.52	0.30	CB-1035	TYPE 16	127+20	474.98	CB-1038	TYPE 16	126+00	474.64										
OP-119+00	NP-1029	18	1	21.93	0.32	CB-1036	TYPE 9	127+75	475.05	CB-1034	TYPE 16	127+60	474.98										
OP-119+00	NP-1030	18	1	113.76	0.30	CB-1034	TYPE 16	127+60	474.98	CB-1033	TYPE 16	126+40	474.64										
OP-119+00	NP-1031	18	1	147.37	0.30	CB-1033	TYPE 16	126+40	474.64	CB-1032	TYPE 16	124+90	474.20										
OP-119+00	NP-1032	24	1	131.43	0.30	CB-1032	TYPE 16	124+90	473.70	CB-1029	TYPE 16	123+55	473.31										
OP-119+00	NP-1033	24	1	178.12	0.74	CB-1029	TYPE 16	123+55	473.31	CB-1027	TYPE 18	121+70	472.00										
OP-119+00	NP-1034	18	1	6.82	2.05	CB-1028	TYPE 9	121+75	473.41	CB-1027	TYPE 18	121+70	473.27										
OP-119+00	NP-1035	24	1	68.75	0.73	CB-1027	TYPE 18	121+70	472.00	CB-1025	TYPE 16	121+00	471.50										
OP-119+00	NP-1036	18	1	6.12	1.96	CB-1026	TYPE 9	121+00	473.19	CB-1025	TYPE 16	121+00	473.07										
OP-119+00	NP-1037	24	1	138.51	1.08	CB-1025	TYPE 16	121+00	471.50	CB-1023	TYPE 16	119+55	470.00										
OP-119+00	NP-1038	24	1	63.78	1.80	CB-1023	TYPE 16	119+55	470.00	CB-1022	TYPE 16	119+55	468.85										
OP-119+00	NP-1039	30	1	24.06	4.16	CB-1021	TYPE 16	119+00	467.50	OP-119+00	OUTFALL	119+00	466.50										

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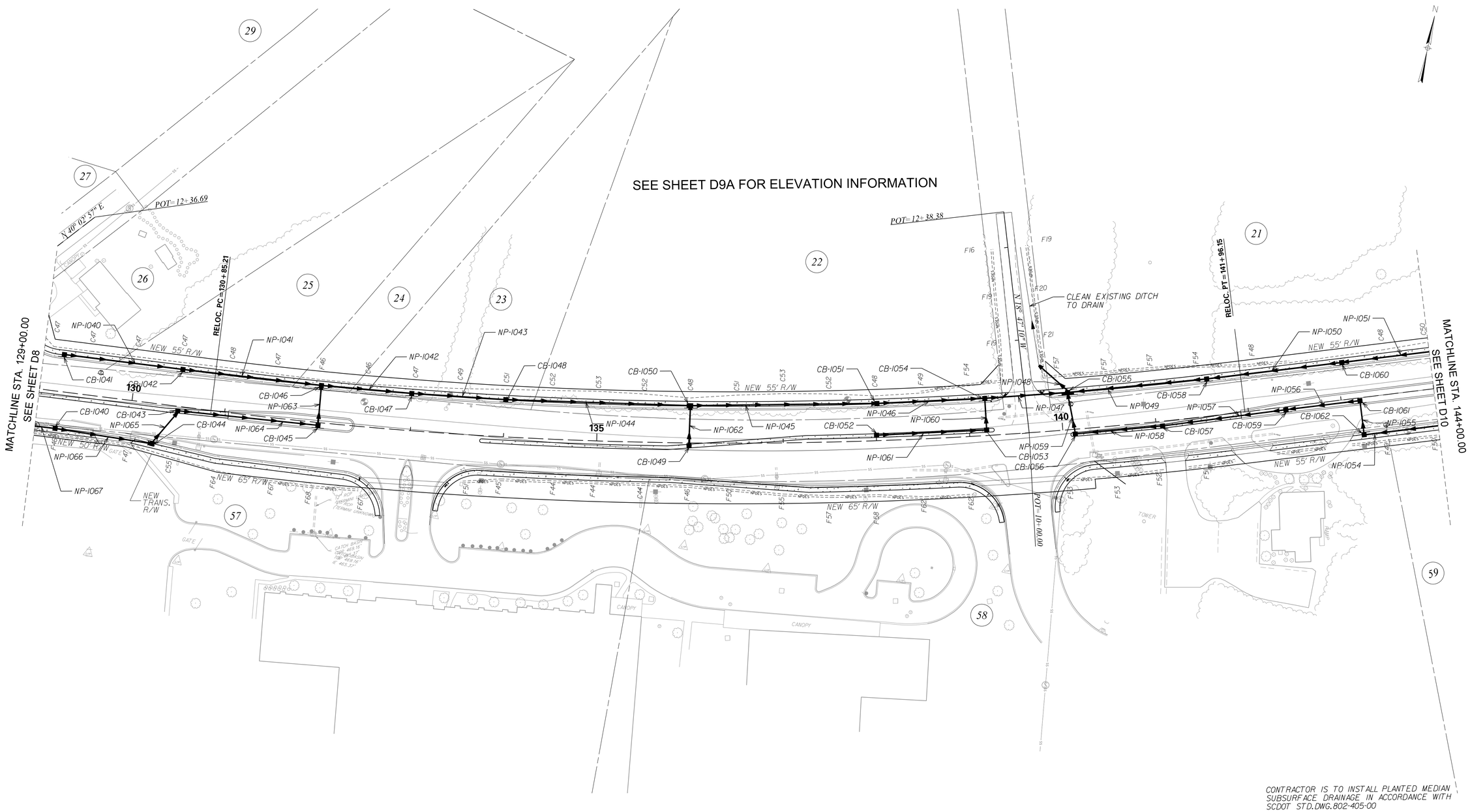
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D9



CONTRACTOR IS TO INSTALL PLANTED MEDIAN SUBSURFACE DRAINAGE IN ACCORDANCE WITH SCDOT STD.DWG.802-405-00

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D9A

Smooth

System ID	Link ID	Geometry: Diameter (in)	Geometry: No. of Barrels	Geometry: Pipe Length (ft)	Geometry: Slope (%)	Upstream: Node	Upstream: Node Description	Upstream: Node Station	Upstream: Link Invert (ft)	Downstream: Node	Downstream: Node Description	Downstream: Node Station	Downstream: Link Invert (ft)	Fill Height: Min (ft)	Fill Height: Max (ft)	Min Field SPT "N" below invert	Joint Pressure (psi)	Smooth Wall Options: HDPE Type	HDPE Built ✓	RCP Highest Class	RCP Built ✓	SRAP Thickest Gage	SRAP Built ✓
OP-139+80	NP-1040	18	1	124.02	3.78	CB-1041	TYPE 16	129+20	476.30	CB-1042	TYPE 16	130+50	471.61										
OP-139+80	NP-1041	18	1	145.44	3.72	CB-1042	TYPE 16	130+50	471.61	CB-1046	TYPE 16	132+00	466.20										
OP-139+80	NP-1042	24	1	93.17	1.61	CB-1046	TYPE 16	132+00	465.70	CB-1047	TYPE 16	133+00	464.20										
OP-139+80	NP-1043	24	1	97.02	1.55	CB-1047	TYPE 16	133+00	464.20	CB-1048	TYPE 16	134+00	462.70										
OP-139+80	NP-1044	24	1	193.97	4.73	CB-1048	TYPE 16	134+00	462.70	CB-1050	TYPE 16	136+00	453.53										
OP-139+80	NP-1045	24	1	195.92	1.88	CB-1050	TYPE 16	136+00	453.53	CB-1051	TYPE 16	138+00	449.84										
OP-139+80	NP-1046	24	1	111.67	5.70	CB-1051	TYPE 16	138+00	449.84	CB-1054	TYPE 16	139+20	443.48										
OP-139+80	NP-1047	24	1	85.07	2.80	CB-1054	TYPE 16	139+20	443.48	CB-1055	TYPE 18	140+10	441.10										
OP-139+80	NP-1048	30	1	40.88	1.47	CB-1055	TYPE 18	140+10	440.60	OP 139+80	OUTFALL	139+80	440.00										
OP-139+80	NP-1049	18	1	145.68	2.42	CB-1058	TYPE 16	141+60	445.12	CB-1055	TYPE 18	140+10	441.60										
OP-139+80	NP-1050	18	1	141.98	4.17	CB-1060	TYPE 16	143+05	451.04	CB-1058	TYPE 16	141+60	445.12										
OP-139+80	NP-1051	18	1	135.25	4.96				457.75	CB-1060	TYPE 16	143+05	451.04										
OP-139+80	NP-1054	18	1	121.00	2.74				455.90	CB-1062	TYPE 16	143+20	452.58										
OP-139+80	NP-1055	18	1	33.00	0.30	CB-1062	TYPE 16	143+20	452.58	CB-1061	TYPE 16	143+20	452.48										
OP-139+80	NP-1056	18	1	76.05	2.81	CB-1061	TYPE 16	143+20	452.48	CB-1059	TYPE 16	142+40	450.34										
OP-139+80	NP-1057	18	1	129.20	2.41	CB-1059	TYPE 16	142+40	450.34	CB-1057	TYPE 16	141+10	447.22										
OP-139+80	NP-1058	18	1	90.00	3.58	CB-1057	TYPE 16	141+10	447.22	CB-1056	DI 24 X 24	140+15	444.00										
OP-139+80	NP-1059	18	1	41.25	5.82	CB-1056	DI 24 X 24	140+15	444.00	CB-1055	TYPE 18	140+10	441.60										
OP-139+80	NP-1060	18	1	30.00	7.43	CB-1053	DI 24 X 24	139+20	446.21	CB-1054	TYPE 16	139+20	443.98										
OP-139+80	NP-1061	18	1	114.15	2.11	CB-1052	DI 24 X 24	138+00	448.62	CB-1053	DI 24 X 24	139+20	446.21										
OP-139+80	NP-1062	18	1	38.97	3.03	CB-1049	DI 24 X 24	135+75	455.21	CB-1050	TYPE 16	136+00	454.03										
OP-139+80	NP-1063	24	1	39.00	0.31	CB-1045	TYPE 16	132+00	465.82	CB-1046	TYPE 16	132+00	465.70										
OP-139+80	NP-1064	18	1	147.11	3.58	CB-1043	DI 24 X 24	130+50	471.58	CB-1045	TYPE 16	132+00	466.32										
OP-139+80	NP-1065	18	1	41.49	4.70	CB-1044	TYPE 16	130+30	473.53	CB-1043	DI 24 X 24	130+50	471.58										
OP-139+80	NP-1066	18	1	101.16	1.52	CB-1040	TYPE 16	129+20	475.07	CB-1044	TYPE 16	130+30	473.53										
OP-139+80	NP-1067	18	1	61.40	1.03	CB-1039	TYPE 16	128+55	475.70	CB-1040	TYPE 16	129+20	475.07										

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

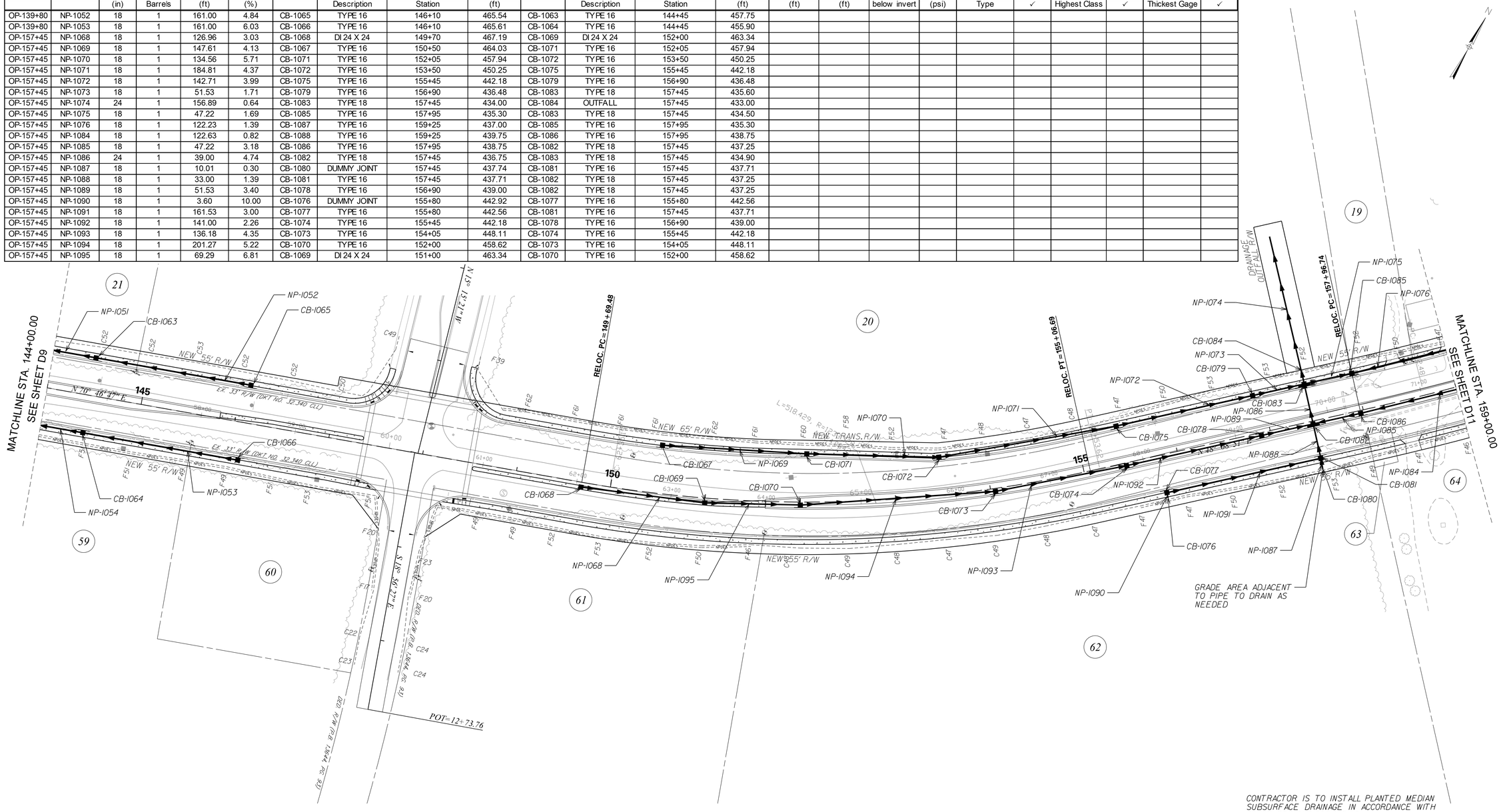
DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D10

Smooth

System ID	Link ID	Geometry Diameter (in)	No. of Barrels	Pipe Length (ft)	Slope (%)	Upstream Node	Node Description	Node Station	Link Invert (ft)	Downstream Node	Node Description	Node Station	Link Invert (ft)	Fill Height Min (ft)	Max (ft)	Min Field SPT "N" below invert	Joint Pressure (psi)	Smooth Wall Options HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓
OP-139+80	NP-1052	18	1	161.00	4.84	CB-1065	TYPE 16	146+10	465.54	CB-1063	TYPE 16	144+45	457.75										
OP-139+80	NP-1053	18	1	161.00	6.03	CB-1066	TYPE 16	146+10	465.61	CB-1064	TYPE 16	144+45	455.90										
OP-157+45	NP-1068	18	1	126.96	3.03	CB-1068	DI 24 X 24	149+70	467.19	CB-1069	DI 24 X 24	152+00	463.34										
OP-157+45	NP-1069	18	1	147.61	4.13	CB-1067	TYPE 16	150+50	464.03	CB-1071	TYPE 16	152+05	457.94										
OP-157+45	NP-1070	18	1	134.56	5.71	CB-1071	TYPE 16	152+05	457.94	CB-1072	TYPE 16	153+50	450.25										
OP-157+45	NP-1071	18	1	184.81	4.37	CB-1072	TYPE 16	153+50	450.25	CB-1075	TYPE 16	155+45	442.18										
OP-157+45	NP-1072	18	1	142.71	3.99	CB-1075	TYPE 16	155+45	442.18	CB-1079	TYPE 16	156+90	436.48										
OP-157+45	NP-1073	18	1	51.53	1.71	CB-1079	TYPE 16	156+90	436.48	CB-1083	TYPE 18	157+45	435.60										
OP-157+45	NP-1074	24	1	156.89	0.64	CB-1083	TYPE 18	157+45	434.00	CB-1084	OUTFALL	157+45	433.00										
OP-157+45	NP-1075	18	1	47.22	1.69	CB-1085	TYPE 16	157+95	435.30	CB-1083	TYPE 18	157+45	434.50										
OP-157+45	NP-1076	18	1	122.23	1.39	CB-1087	TYPE 16	159+25	437.00	CB-1085	TYPE 16	157+95	435.30										
OP-157+45	NP-1084	18	1	122.63	0.82	CB-1088	TYPE 16	159+25	439.75	CB-1086	TYPE 16	157+95	438.75										
OP-157+45	NP-1085	18	1	47.22	3.18	CB-1086	TYPE 16	157+95	438.75	CB-1082	TYPE 18	157+45	437.25										
OP-157+45	NP-1086	24	1	39.00	4.74	CB-1082	TYPE 18	157+45	436.75	CB-1083	TYPE 18	157+45	434.90										
OP-157+45	NP-1087	18	1	10.01	0.30	CB-1080	DUMMY JOINT	157+45	437.74	CB-1081	TYPE 16	157+45	437.71										
OP-157+45	NP-1088	18	1	33.00	1.39	CB-1081	TYPE 16	157+45	437.71	CB-1082	TYPE 18	157+45	437.25										
OP-157+45	NP-1089	18	1	51.53	3.40	CB-1078	TYPE 16	156+90	439.00	CB-1082	TYPE 18	157+45	437.25										
OP-157+45	NP-1090	18	1	3.60	10.00	CB-1076	DUMMY JOINT	155+80	442.92	CB-1077	TYPE 16	155+80	442.56										
OP-157+45	NP-1091	18	1	161.53	3.00	CB-1077	TYPE 16	155+80	442.56	CB-1081	TYPE 16	157+45	437.71										
OP-157+45	NP-1092	18	1	141.00	2.26	CB-1074	TYPE 16	155+45	442.18	CB-1078	TYPE 16	156+90	439.00										
OP-157+45	NP-1093	18	1	136.18	4.35	CB-1073	TYPE 16	154+05	448.11	CB-1074	TYPE 16	155+45	442.18										
OP-157+45	NP-1094	18	1	201.27	5.22	CB-1070	TYPE 16	152+00	458.62	CB-1073	TYPE 16	154+05	448.11										
OP-157+45	NP-1095	18	1	69.29	6.81	CB-1069	DI 24 X 24	151+00	463.34	CB-1070	TYPE 16	152+00	458.62										



CONTRACTOR IS TO INSTALL PLANTED MEDIAN SUBSURFACE DRAINAGE IN ACCORDANCE WITH SCDOT STD.DWG.802-405-00

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

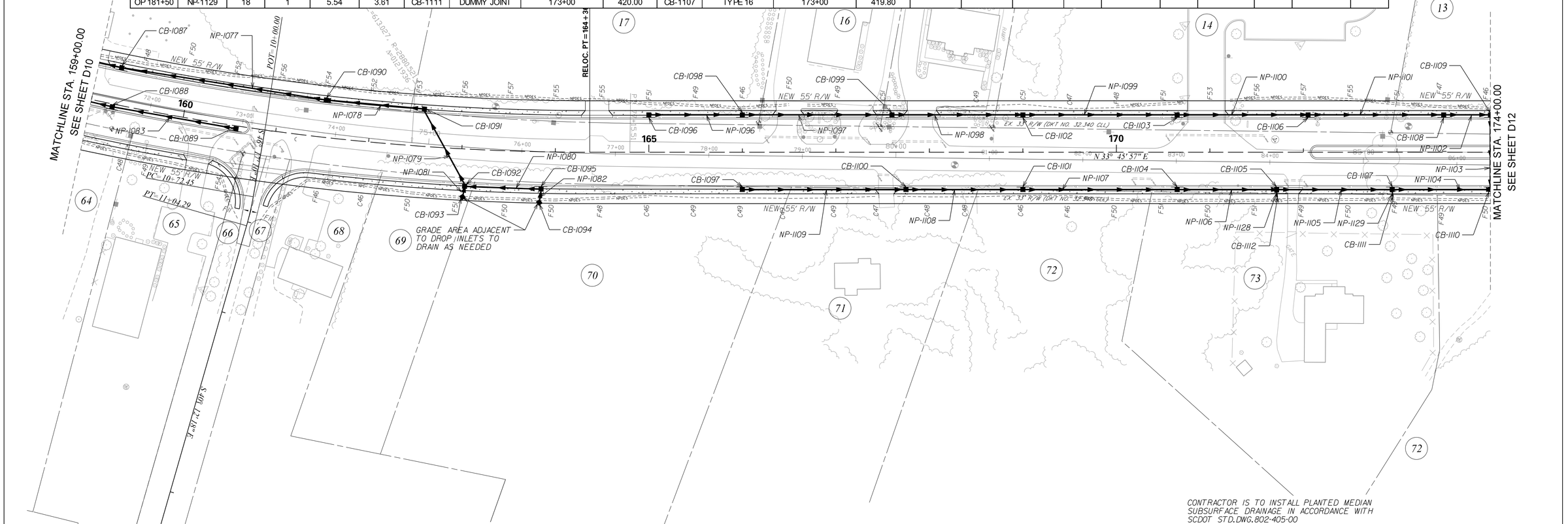
DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D11

Smooth

		Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					
System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Node	Node	Node	Link Invert	Node	Node	Node	Link Invert	Min	Max	SPT "N"	Pressure	HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
OP-157+45	NP-1077	18	1	217.40	0.92	CB-1090	TYPE 16	161+50	439.00	CB-1087	TYPE 16	159+25	437.00										
OP-157+45	NP-1078	18	1	101.37	0.79	CB-1091	TYPE 16	162+60	439.80	CB-1090	TYPE 16	161+50	439.00										
OP-157+45	NP-1079	18	1	89.86	0.78	CB-1092	TYPE 16	163+05	440.50	CB-1091	TYPE 16	162+60	439.80										
OP-157+45	NP-1080	18	1	77.83	1.28	CB-1095	TYPE 16	163+85	441.50	CB-1092	TYPE 16	163+05	440.50										
OP-157+45	NP-1081	18	1	9.53	6.90	CB-1093	DI 24 X 24	163+05	440.61	CB-1092	TYPE 16	163+05	439.95										
OP-157+45	NP-1082	18	1	12.40	0.81	CB-1094	DI 24 X 24	163+85	441.60	CB-1095	TYPE 16	163+85	441.50										
OP-157+45	NP-1083	18	1	130.46	0.96	CB-1089	TYPE 16	160+55	441.00	CB-1088	TYPE 16	159+25	439.75										
OP 181+50	NP-1096	18	1	96.00	2.04	CB-1096	TYPE 16	165+00	439.85	CB-1098	TYPE 16	166+00	437.89										
OP 181+50	NP-1097	18	1	156.00	3.16	CB-1098	TYPE 16	166+00	437.89	CB-1099	TYPE 16	167+60	432.96										
OP 181+50	NP-1098	18	1	136.00	4.45	CB-1099	TYPE 16	167+60	432.96	CB-1102	TYPE 16	169+00	426.91										
OP 181+50	NP-1099	18	1	161.00	3.32	CB-1102	TYPE 16	169+00	426.91	CB-1103	TYPE 16	170+65	421.56										
OP 181+50	NP-1100	18	1	136.00	1.22	CB-1103	TYPE 16	170+65	421.56	CB-1106	TYPE 16	172+05	419.90										
OP 181+50	NP-1101	18	1	141.00	0.84	CB-1106	TYPE 16	172+05	419.90	CB-1108	TYPE 16	173+50	418.71										
OP 181+50	NP-1102	18	1	46.00	0.87	CB-1108	TYPE 16	173+50	418.71	CB-1109	TYPE 16	174+00	418.31										
OP 181+50	NP-1103	18	1	76.00	0.30	CB-1109	TYPE 16	174+00	418.31	CB-1110	TYPE 16	174+00	418.08										
OP 181+50	NP-1104	18	1	101.00	1.07	CB-1107	TYPE 16	173+00	419.16	CB-1110	TYPE 16	174+00	418.08										
OP 181+50	NP-1105	18	1	119.62	0.84	CB-1105	TYPE 16	171+75	420.17	CB-1107	TYPE 16	173+00	419.16										
OP 181+50	NP-1106	18	1	102.38	1.36	CB-1104	TYPE 16	170+65	421.56	CB-1105	TYPE 16	171+75	420.17										
OP 181+50	NP-1107	18	1	161.00	3.32	CB-1101	TYPE 16	169+00	426.91	CB-1104	TYPE 16	170+65	421.56										
OP 181+50	NP-1108	18	1	121.00	4.52	CB-1100	TYPE 16	167+75	432.38	CB-1101	TYPE 16	169+00	426.91										
OP 181+50	NP-1109	18	1	171.00	3.22	CB-1097	TYPE 16	166+00	437.89	CB-1100	TYPE 16	167+75	432.38										
OP 181+50	NP-1128	18	1	6.09	13.63	CB-1112	DUMMY JOINT	171+75	421.00	CB-1105	TYPE 16	171+75	420.17										
OP 181+50	NP-1129	18	1	5.54	3.61	CB-1111	DUMMY JOINT	173+00	420.00	CB-1107	TYPE 16	173+00	419.80										



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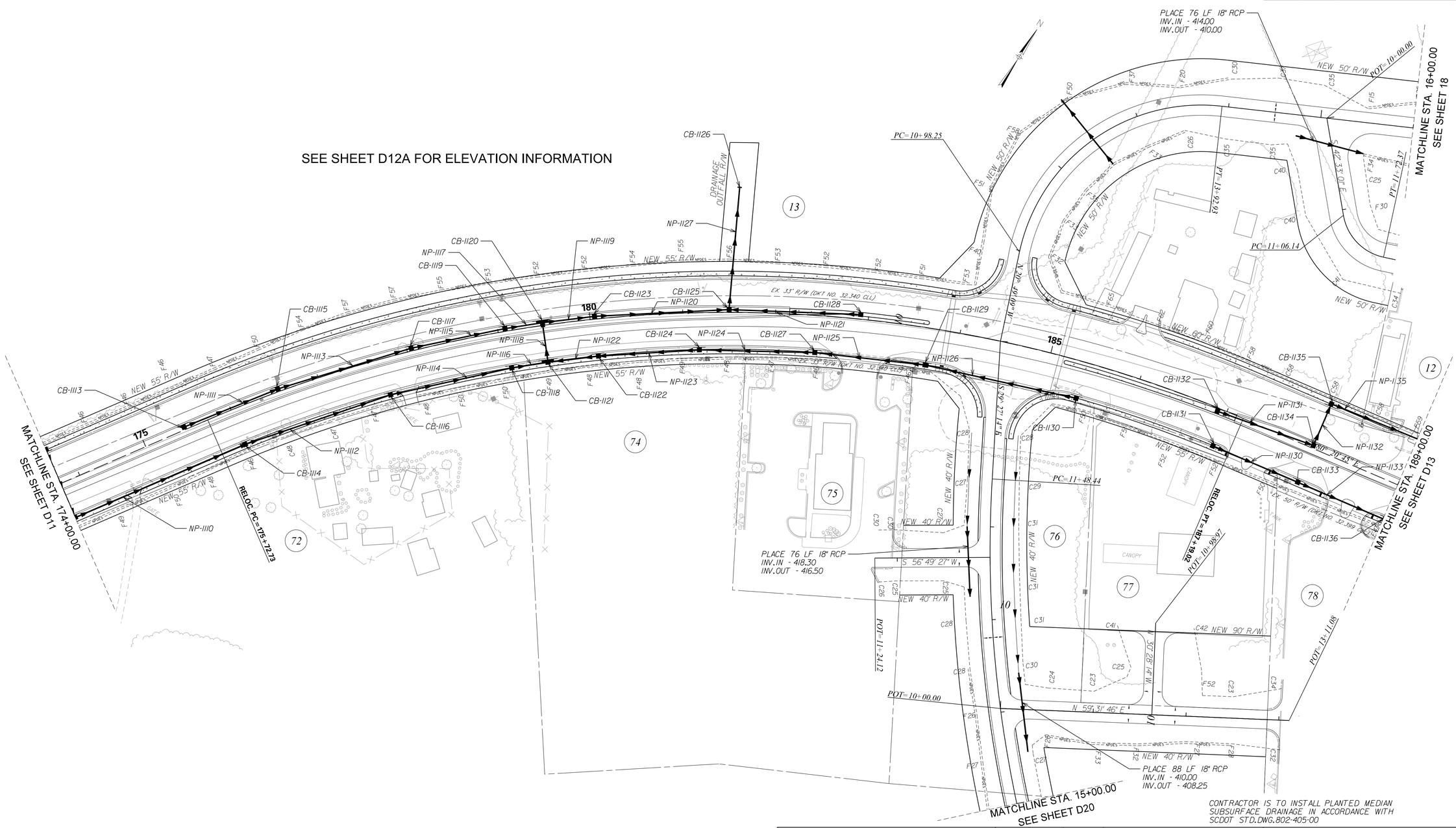
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D12



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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D12A

Smooth

System ID	Link ID	Geometry: Diameter (in)	Geometry: No. of Barrels	Geometry: Pipe Length (ft)	Geometry: Slope (%)	Upstream: Node	Upstream: Node Description	Upstream: Node Station	Upstream: Link Invert (ft)	Downstream: Node	Downstream: Node Description	Downstream: Node Station	Downstream: Link Invert (ft)	Fill Height: Min (ft)	Fill Height: Max (ft)	Min Field SPT "N" below invert	Joint Pressure (psi)	Smooth Wall Options: HDPE Type	Built ✓	RCP Highest Class	Built ✓	SRAP Thickest Gage	Built ✓
OP 181+50	NP-1110	24	1	195.23	0.81	CB-1110	TYPE 16	174+00	417.58	CB-1114	TYPE 16	176+00	416.00										
OP 181+50	NP-1111	18	1	105.05	0.77	CB-1113	TYPE 16	175+50	418.48	CB-1115	TYPE 16	176+50	417.67										
OP 181+50	NP-1112	24	1	161.43	0.62	CB-1114	TYPE 16	176+00	416.00	CB-1116	TYPE 16	177+75	415.00										
OP 181+50	NP-1113	18	1	146.25	0.76	CB-1115	TYPE 16	176+50	417.67	CB-1117	TYPE 16	178+05	416.56										
OP 181+50	NP-1114	24	1	129.62	0.77	CB-1116	TYPE 16	177+75	415.00	CB-1118	TYPE 16	179+10	414.00										
OP 181+50	NP-1115	18	1	99.13	1.98	CB-1117	TYPE 16	178+05	416.46	CB-1119	TYPE 16	179+10	414.50										
OP 181+50	NP-1116	24	1	35.54	1.83	CB-1118	TYPE 16	179+10	414.00	CB-1121	TYPE 18	179+50	413.35										
OP 181+50	NP-1117	18	1	36.78	1.09	CB-1119	TYPE 16	179+10	414.50	CB-1120	TYPE 18	179+50	414.10										
OP 181+50	NP-1118	24	1	39.00	0.90	CB-1121	TYPE 18	179+50	413.35	CB-1120	TYPE 18	179+50	413.00										
OP 181+50	NP-1119	30	1	52.50	0.95	CB-1120	TYPE 18	179+50	412.50	CB-1123	TYPE 16	180+05	412.00										
OP 181+50	NP-1120	30	1	141.25	0.71	CB-1123	TYPE 16	180+05	412.00	CB-1125	TYPE 16	181+50	411.00										
OP 181+50	NP-1121	18	1	137.79	1.81	CB-1128	DI 24 X 24	182+95	415.00	CB-1125	TYPE 16	181+50	412.50										
OP 181+50	NP-1122	18	1	50.78	0.20	CB-1122	TYPE 16	180+05	414.40	CB-1121	TYPE 18	179+50	414.30										
OP 181+50	NP-1123	18	1	104.81	0.95	CB-1124	TYPE 16	181+20	415.00	CB-1122	TYPE 16	180+05	414.00										
OP 181+50	NP-1124	18	1	120.31	1.19	CB-1127	TYPE 16	182+45	416.43	CB-1124	TYPE 16	181+20	415.00										
OP 181+50	NP-1125	18	1	115.50	1.81	CB-1129	TYPE 16	183+65	418.52	CB-1127	TYPE 16	182+45	416.43										
OP 181+50	NP-1126	18	1	162.49	1.58	CB-1130	TYPE 16	185+30	421.08	CB-1129	TYPE 16	183+65	418.52										
OP 181+50	NP-1127	30	1	130.93	0.38	CB-1125	TYPE 16	181+50	411.00	CB-1126	OUTFALL	181+60	410.50										
OP 196+40 R	NP-1130	18	1	95.46	2.66	CB-1131	TYPE 16	187+00	420.28	CB-1133	TYPE 16	188+00	417.74										
OP 196+25 L	NP-1131	18	1	105.92	2.96	CB-1132	DI 24 X 24	186+90	422.14	CB-1134	TYPE 16	188+00	419.00										
OP 196+25 L	NP-1132	18	1	45.00	1.00	CB-1134	TYPE 16	188+00	419.00	CB-1135	TYPE 16	188+00	418.55										
OP 196+40 R	NP-1133	18	1	98.00	3.62	CB-1133	TYPE 16	188+00	417.74	CB-1136	TYPE 16	189+00	414.19										
OP 196+25 L	NP-1135	18	1	242.00	3.59	CB-1135	TYPE 16	188+00	418.55	CB-1137	TYPE 16	190+50	409.86										

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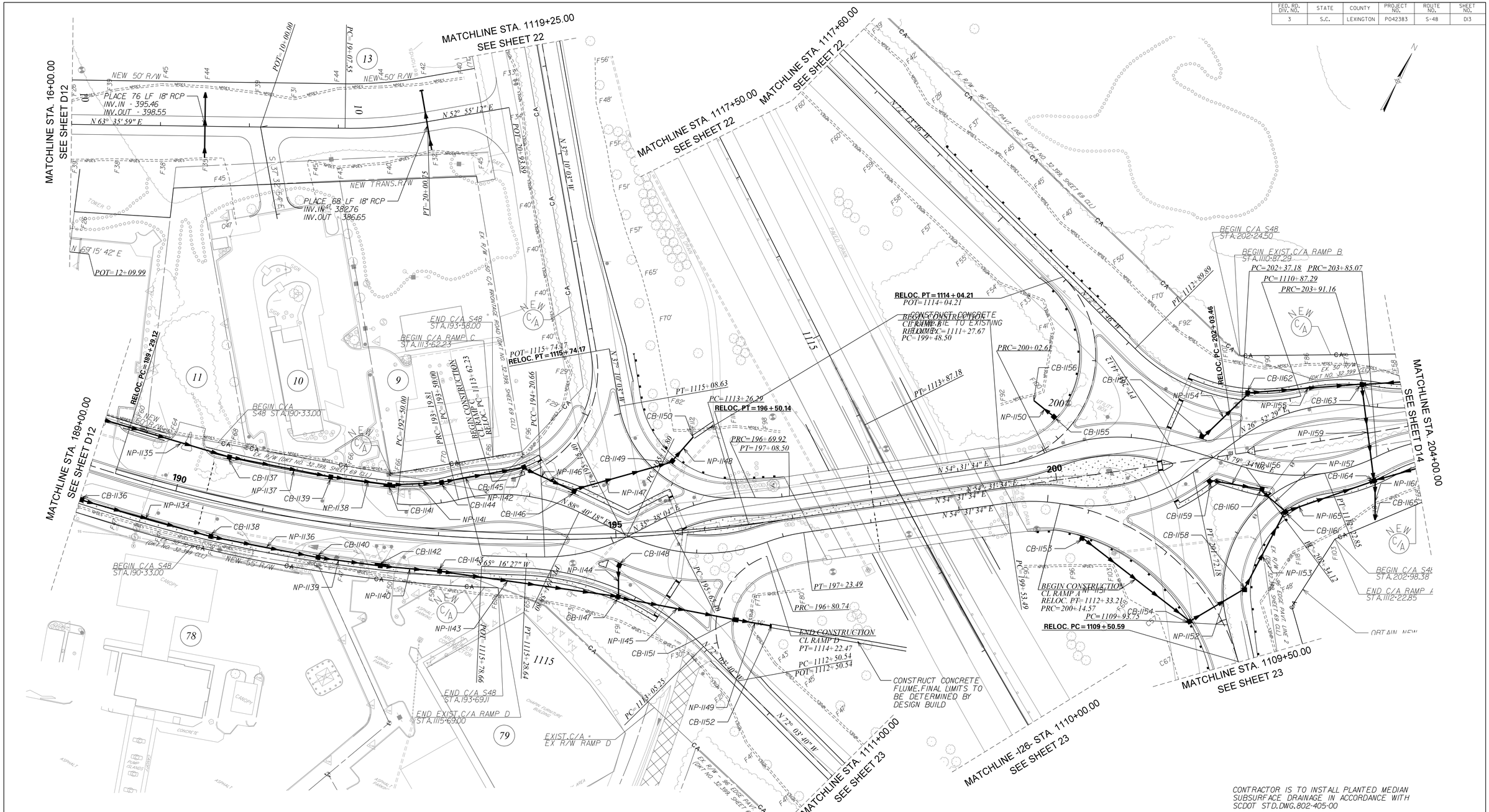
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D13



CONTRACTOR IS TO INSTALL PLANTED MEDIAN SUBSURFACE DRAINAGE IN ACCORDANCE WITH SCDOT STD.DWG.802-405-00

SEE SHEET D13A FOR ELEVATION INFORMATION

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

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FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	13A

Smooth

System ID	Link ID	Geometry: Diameter (in)	Geometry: No. of Barrels	Geometry: Pipe Length (ft)	Geometry: Slope (%)	Upstream: Node	Upstream: Node Description	Upstream: Node Station	Upstream: Link Invert (ft)	Downstream: Node	Downstream: Node Description	Downstream: Node Station	Downstream: Link Invert (ft)	Fill Height: Min (ft)	Fill Height: Max (ft)	Min Field SPT "N" below invert	Joint Pressure (psi)	Smooth Wall Options: HDPE Type	HDPE Built ✓	RCP Highest Class	RCP Built ✓	SRAP Thickest Gage	SRAP Built ✓
OP 196+40 R	NP-1134	18	1	146.98	2.78	CB-1136	TYPE 16	189+00	414.19	CB-1138	TYPE 16	19+50	410.11										
OP 196+25 L	NP-1135	18	1	242.00	3.59	CB-1135	TYPE 16	188+00	418.55	CB-1137	TYPE 16	190+50	409.86										
OP 196+40 R	NP-1136	18	1	118.97	0.92	CB-1138	TYPE 16	19+50	410.11	CB-1140	TYPE 16	191+70	409.02										
OP 196+25 L	NP-1137	18	1	112.08	1.40	CB-1137	TYPE 16	190+50	409.86	CB-1139	TYPE 16	191+75	408.29										
OP 196+25 L	NP-1138	18	1	63.79	0.61	CB-1139	TYPE 16	191+75	408.29	CB-1141	TYPE 18	192+40	407.90										
OP 196+40 R	NP-1139	18	1	66.76	0.39	CB-1140	TYPE 16	191+70	409.02	CB-1142	TYPE 18	192+40	408.76										
OP 196+40 R	NP-1140	18	1	62.92	0.30	CB-1142	TYPE 18	192+40	408.76	CB-1143	TYPE 16	193+00	408.57										
OP 196+25 L	NP-1141	18	1	54.60	1.10	CB-1141	TYPE 18	192+40	407.90	CB-1144	TYPE 16	193+00	407.30										
OP 196+25 L	NP-1142	18	1	90.10	1.44	CB-1144	TYPE 16	193+00	407.30	CB-1145	TYPE 16	193+95	406.00										
OP 196+40 R	NP-1143	18	1	198.57	0.30	CB-1143	TYPE 16	193+00	408.57	CB-1147	TYPE 16	195+00	407.98										
OP 196+40 R	NP-1144	18	1	31.71	9.40	CB-1148	TYPE 16	195+00	410.96	CB-1147	TYPE 16	195+00	407.98										
OP 196+40 R	NP-1145	18	1	131.80	0.82	CB-1147	TYPE 16	195+00	407.98	CB-1151	TYPE 16	196+20	406.90										
OP 196+25 L	NP-1146	18	1	59.39	2.53	CB-1145	TYPE 16	193+95	406.00	CB-1146	TYPE 16	194+50	404.50										
OP 196+25 L	NP-1147	18	1	112.83	1.33	CB-1146	TYPE 16	194+50	404.50	CB-1149	TYPE 16	195+70	403.00										
OP 196+25 L	NP-1148	18	1	33.74	2.96	CB-1149	TYPE 16	195+70	403.00	CB-1150	OUTFALL	196+25	402.00										
OP 196+40 R	NP-1149	18	1	38.30	1.44	CB-1151	TYPE 16	196+20	406.90	CB-1152	OUTFALL	196+40	406.35										
OP 200+10 L	NP-1150	18	1	26.86	9.98	CB-1155	TYPE 16	200+10	398.66	CB-1156	OUTFALL	199+90	395.98										
OP 203+65 R	NP-1151	18	1	149.01	2.18	CB-1153	TYPE 16	200+20	406.00	CB-1154	TYPE 16	201+30	402.75										
OP 203+65 R	NP-1152	18	1	68.35	4.02	CB-1154	TYPE 16	201+30	402.75	CB-1158	TYPE 16	201+90	400.00										
OP 203+65 R	NP-1153	18	1	95.06	3.16	CB-1158	TYPE 16	201+90	400.00	CB-1161	TYPE 16	202+40	397.00										
OP 203+65 R	NP-1154	18	1	68.65	3.60	CB-1157	TYPE 16	201+70	404.75	CB-1162	TYPE 16	202+30	402.28										
OP 203+65 R	NP-1155	18	1	124.92	1.93	CB-1162	TYPE 16	202+30	402.28	CB-1163	TYPE 16	203+50	399.87										
OP 203+65 R	NP-1156	18	1	56.09	3.55	CB-1159	TYPE 16	207+70	404.70	CB-1160	TYPE 16	202+30	402.71										
OP 203+65 R	NP-1157	18	1	33.91	10.00	CB-1160	TYPE 16	202+30	400.39	CB-1161	TYPE 16	202+40	397.00										
OP 203+65 R	NP-1159	18	1	105.46	4.12	CB-1163	TYPE 16	203+50	396.34	CB-1164	TYPE 16	203+50	392.00										
OP 203+65 R	NP-1161	18	1	42.48	6.59	CB-1164	TYPE 16	203+50	392.00	CB-1165	OUTFALL	203+65	389.20										
OP 203+65 R	NP-1165	18	1	102.07	4.90	CB-1161	TYPE 16	202+40	397.00	CB-1164	TYPE 16	203+50	392.00										

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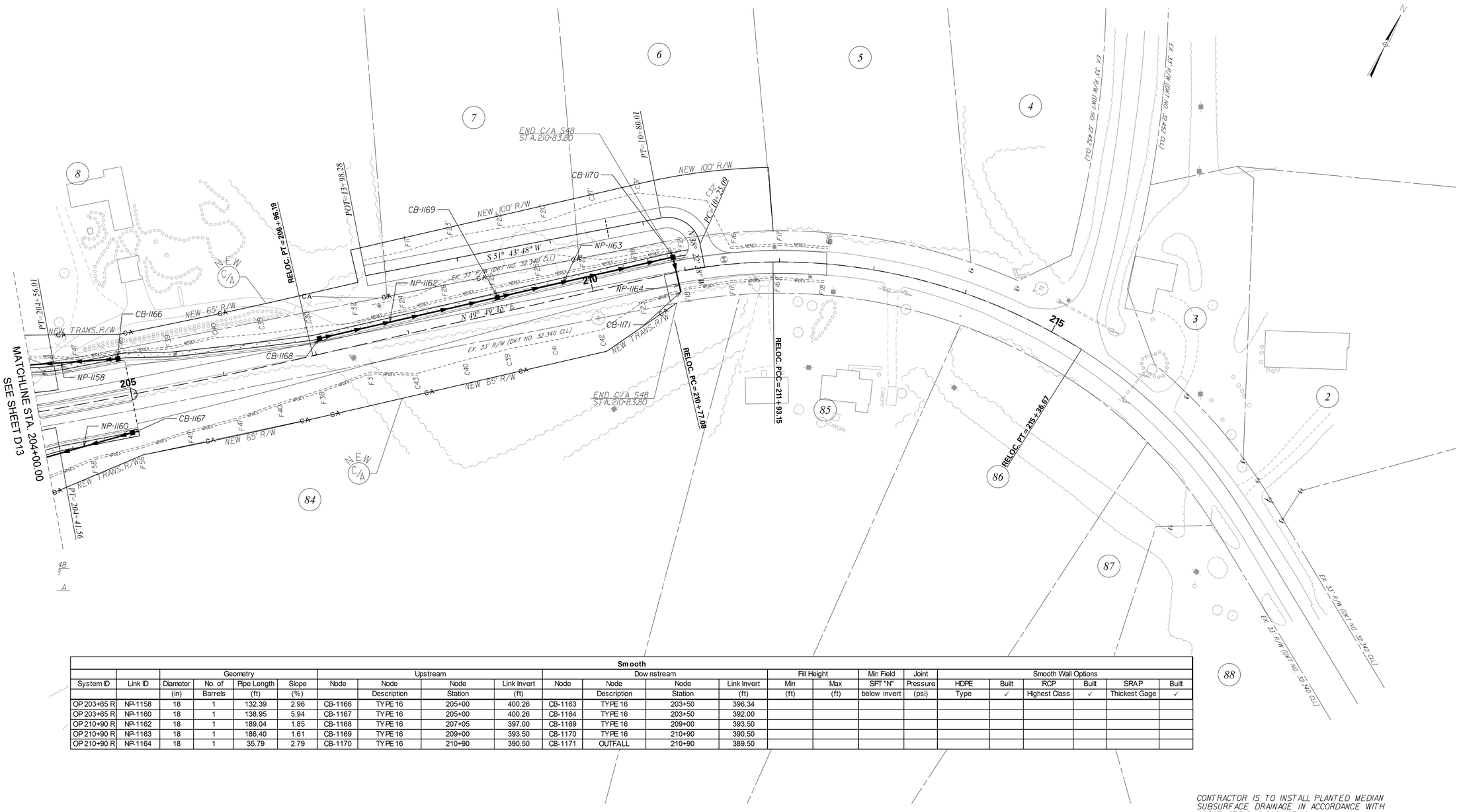
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

FED. RD. DIV. NO.	STATE	COUNTY	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	D14



Smooth																						
		Geometry				Upstream				Downstream				Fill Height		Min Field	Joint	Smooth Wall Options					
System ID	Link ID	Diameter	No. of	Pipe Length	Slope	Node	Node	Node	Link Invert	Node	Node	Node	Link Invert	Min	Max	SPT "N"	Pressure	HDPE	Built	RCP	Built	SRAP	Built
		(in)	Barrels	(ft)	(%)		Description	Station	(ft)		Description	Station	(ft)	(ft)	(ft)	below invert	(psi)	Type	✓	Highest Class	✓	Thickest Gage	✓
OP 203+65 R	NP-1158	18	1	132.39	2.96	CB-1166	TYPE 16	205+00	400.26	CB-1163	TYPE 16	203+50	396.34										
OP 203+65 R	NP-1160	18	1	138.95	5.94	CB-1167	TYPE 16	205+00	400.26	CB-1164	TYPE 16	203+50	392.00										
OP 210+90 R	NP-1162	18	1	189.04	1.85	CB-1168	TYPE 16	207+05	397.00	CB-1169	TYPE 16	209+00	393.50										
OP 210+90 R	NP-1163	18	1	186.40	1.61	CB-1169	TYPE 16	209+00	393.50	CB-1170	TYPE 16	210+90	390.50										
OP 210+90 R	NP-1164	18	1	35.79	2.79	CB-1170	TYPE 16	210+90	390.50	CB-1171	OUTFALL	210+90	389.50										

CONTRACTOR IS TO INSTALL PLANTED MEDIAN SUBSURFACE DRAINAGE IN ACCORDANCE WITH SCDOT STD.DWG.802-405-00

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COLUMBIA, S.C.

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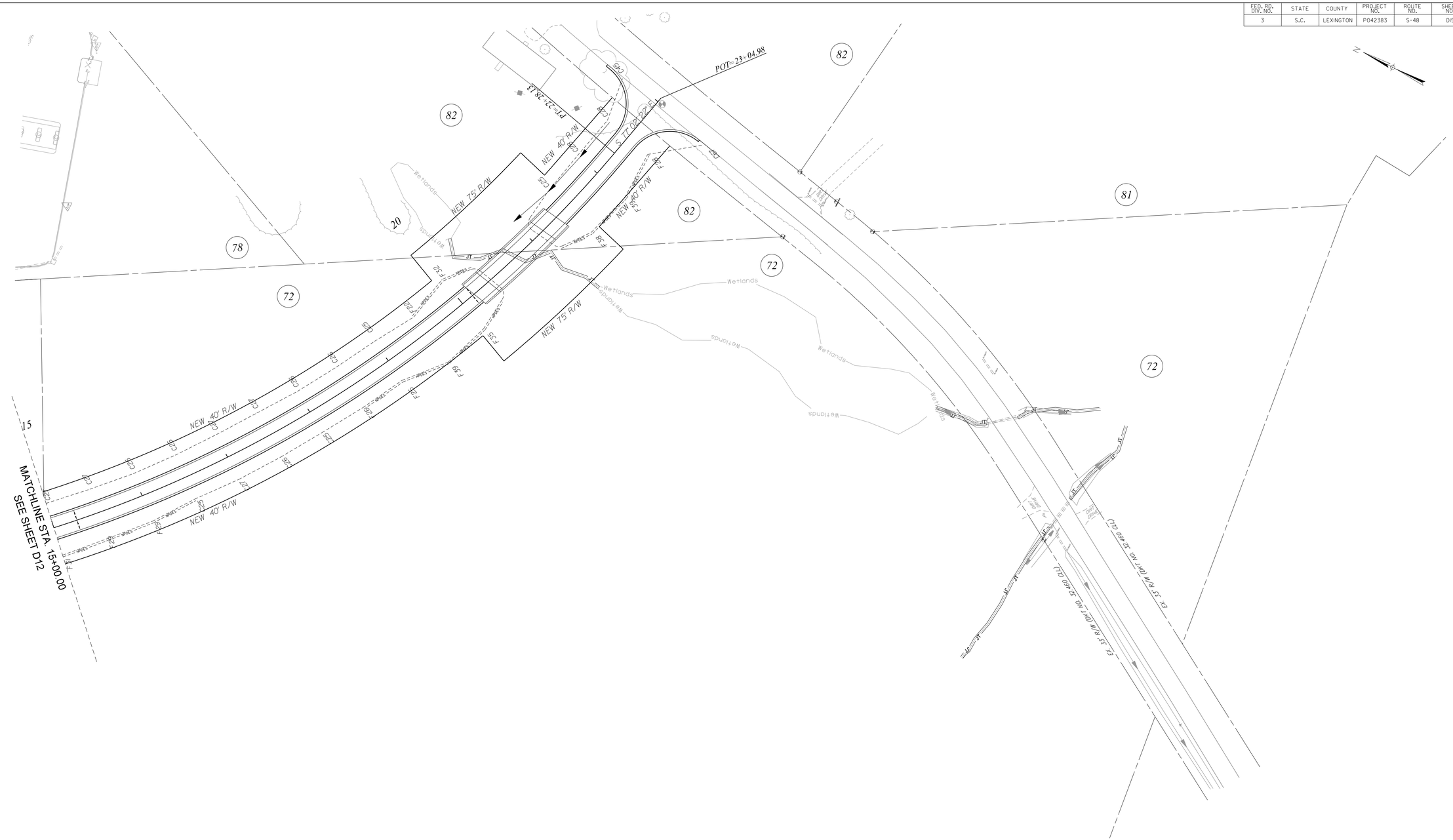

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

DRAINAGE SHEET

SCALE: 1" = 100' (11"x17") / 1" = 50' (22"x36") SHEET

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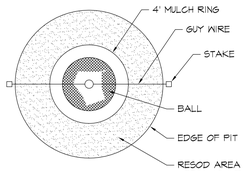
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-13

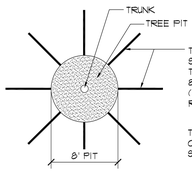


PLAN DETAIL

NO SCALE

NOTES:

1. TEST FOR PERCOLATION PRIOR TO PLANTING.
2. WATER AFTER PLANTING.
3. DO NOT WRAP TREES
4. REMOVE BURLAP/STRAPPING AND WIRE FROM TOP 1/3 OF ROOT BALL.
5. DIG TREE PIT WITH BACKHOE OR SIMILAR EQUIPMENT.
6. NO TREE IS TO BE PLANTED LOWER THAN THE ELEVATION THAT THE TREE WAS GROWN AT THE NURSERY. REMOVE BUILT UP SOIL AS NECESSARY.

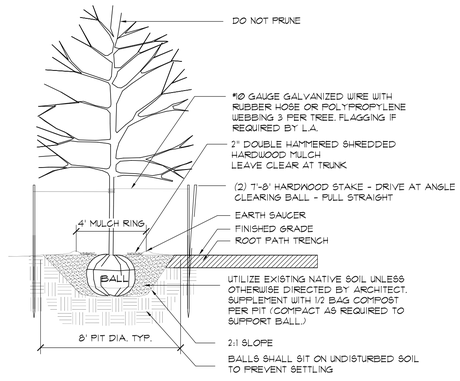


TRENCH/TILL SOIL OUTWARD FROM TREE PIT SPACE TRENCH PATHS AT 136° O.C. TRENCH OR TILL TO A DEPTH AND WIDTH OF 8" AND TO A DISTANCE OF 6' FROM TRUNK (TYP.) LOOSEN SOIL AND BACKFILL, AVOID RE-COMPACTING AREA.

TRENCH PATHS MAY VARY WITH CONFIGURATION OF PLANTING AREA BUT SHOULD PROVIDE 36° O.C. SPACING

PLAN DETAIL: ROOT PATH TRENCHES

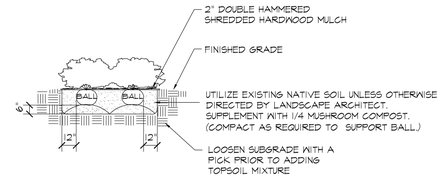
NO SCALE



A / L-13 TREE PLANTING AND STAKING

SECTION

NOT TO SCALE



NOTES:

1. TEST FOR PERCOLATION PRIOR TO PLANTING.
2. REMOVE PAPER, PLASTIC OR METAL CONTAINER THAT MAY BE AROUND ROOTS
3. WATER AFTER PLANTING
4. DO BED PREPARATION ON ALL SHRUB & GROUNDCOVER AREAS

B / L-13 SHRUB PLANTING

NOT TO SCALE

PLANTING NOTES

1. PLANTS LABELED NIC ARE NOT IN CONTRACT AND ARE NOT A PART OF THIS PHASE OF WORK.

2. REQUIREMENTS FOR THE MEASUREMENTS, BRANCHING, GRADING, QUALITY, BALLING AND BURLAPPING OF PLANTS IN THE PLANT LIST GENERALLY FOLLOWS OR EXCEEDS A CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE AMERICAN STANDARD FOR NURSERY STOCKS. SEE THE PLANT LIST FOR MORE RESTRICTIVE REQUIREMENTS.

3. ALL PLANTS SHALL HAVE A WELL FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.

4. MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY (50) PER CENT OF THIS YEARS' VERTICAL GROWTH (TOP CANDLE).

5. THE LANDSCAPE CONTRACTOR IS HEREBY NOTIFIED OF THE EXISTENCE OF UNDERGROUND UTILITIES WITHIN THE LIMITS OF THE PROJECT AREA. THE CONTRACTOR SHOULD VERIFY THE EXACT LOCATION OF ALL UTILITY LINES PRIOR TO COMMENCEMENT OF DIGGING OPERATIONS.

6. THE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO OPENING ANY PLANTING PITS.

7. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL DO PERCOLATION TEST AS DETAILED ON DETAIL H/L-102. THE OWNER OR LANDSCAPE ARCHITECT SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT GIVEN AREA DOES NOT DRAIN PROPERLY, A PVC DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTINGS RELOCATED.

8. SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARD PANS, STEAM OR OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS. OTHERWISE, THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE FOR PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.

9. PLANTING PITS FOR TREE AND SHRUBS SHALL BE PREPARED AS PER DETAILS.

10. DOUBLE HAMMERED SHREDDED HARDWOOD MULCH SHALL BE APPLIED TO ALL SHRUB BEDS BY THE CONTRACTOR. BEDS SHALL BE TREATED WITH PREEMERGENT HERBICIDE BY THE CONTRACTOR BEFORE MULCH IS APPLIED. SHREDDED HARDWOOD MULCH SHALL BE TWO INCHES DEEP. A SAMPLE OF SHREDDED HARDWOOD MULCH SHALL BE PRESENTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL.

11. ALL TREES ARE TO BE STAKED IMMEDIATELY AFTER PLANTING AS DETAILED. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF STAKING HOSES, ETC. AT THE END OF THE ONE YEAR GUARANTEE PERIOD.

12. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE SITE AT THE COMPLETION OF THE PROJECT AND SHALL MAINTAIN THE SITE IN A REASONABLY NEAT AND CLEAN STATE THROUGHOUT THE INSTALLATION PROCESS. STREETS AND PAVED AREAS SHALL BE CLEANED REGULARLY TO REMOVE CONSTRUCTION MATERIALS AND OTHER DEBRIS RESULTING FROM WORK OF THE PROJECT.

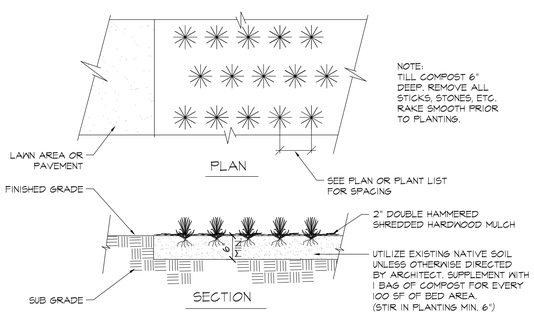
13. PLANTS SHALL BE GUARANTEED FOR THE DURATION OF ONE (1) FULL YEAR AFTER THE FINAL ACCEPTANCE OF THE PLANTING BY THE OWNER AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ANY PLANT NOT IN A HEALTHY AND VIGOROUS STATE AT THE END OF THE GUARANTEE PERIOD SHALL BE REPLACED AT NO COST TO THE OWNER. PLANTS SEVERELY DAMAGED BY VANDALS ARE NOT SUBJECT TO REPLACEMENT BY THE CONTRACTOR DURING THE ONE YEAR GUARANTEE PERIOD.

14. REPLACEMENTS OF DEAD OR UNSATISFACTORY MATERIAL SHALL BE MADE AS SPECIFIED IN THE PLANT LIST. THE OWNER OR LANDSCAPE ARCHITECT SHALL INSPECT REPLACED PLANTS WHEN ALL REPLACEMENTS HAVE BEEN MADE. REPLACEMENTS ARE TO BE ALIVE AND IN A HEALTHY CONDITION WHEN THE REPLACEMENTS ARE COMPLETE, AND SHALL BE SUBJECT TO A ONE (1) YEAR GUARANTEE FROM THE DATE OF SATISFACTORY REPLACEMENT.

15. SHOULD THE CONTRACTOR NOT MAKE REPLACEMENTS IN A SATISFACTORY AND TIMELY FASHION IN ACCORD WITH THE PLANTING NOTES, THE OWNER, AFTER PROPER NOTIFICATION TO THE CONTRACTOR MAY UTILIZE THE FUNDS OF THE RETAINAGE TO HAVE THE REPLACEMENTS MADE IN ACCORD WITH THE SPECIFICATIONS BY ANOTHER CONTRACTOR.

16. NO EXCAVATION OR PLANTING PIT SHALL BE LEFT OPEN OR UNATTENDED OVERNIGHT.

17. PLANT MATERIAL QUANTITIES PROVIDED IN THE PLANT LIST ARE FOR REFERENCE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR THE ACTUAL PLANT MATERIAL COUNTS. DISCREPANCIES BETWEEN QUANTITIES SHOWN ON THE PLANTING PLAN AND THOSE IN THE PLANT LIST SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION. IF CLARIFICATION OF DISCREPANCIES FROM THE LANDSCAPE ARCHITECT IS NOT POSSIBLE, THEN QUANTITIES SHOWN ON THE PLANTING PLAN SHALL TAKE PRECEDENCE.



NOTE:
TILL COMPOST 6" DEEP. REMOVE ALL STICKS, STONES, ETC. RAKE SMOOTH PRIOR TO PLANTING.

C / L-13 TYPICAL GROUNDCOVER PLANTING

NOT TO SCALE

INSTRUCTIONS FOR PERFORMING A PERCOLATION TEST

1. WITH A SHOVEL OR POSTHOLE DIGGER, DIG HOLE 18" TO 24" DEEP. HOLE DIAMETER SHOULD BE A MINIMUM OF 4 INCHES. THE DIAMETER OF THE HOLE SHOULD BE UNIFORM FROM TOP TO BOTTOM WITH THE BOTTOM BEING FLAT.

2. FILL HOLE WITH WATER TO THE TOP AND LET STAND FOR AT LEAST AN HOUR TO PRE-WET THE SOIL.

3. REFILL HOLE TO WITHIN A COUPLE INCHES OF THE TOP. DON'T OVERFLOW THE HOLE.

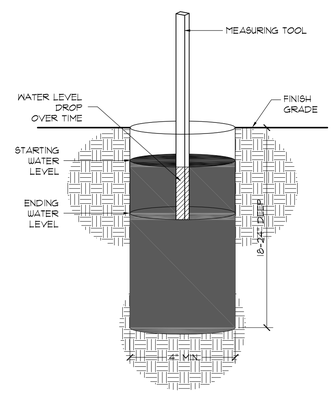
4. TO AID IN MEASUREMENT, PLACE A STICK ACROSS THE TOP OF THE HOLE AND USE A RULER OR MEASURING TAPE TO MARK PERIODIC DROPS IN WATER LEVEL.

5. ALLOW THE HOLE TO DRAIN FOR AT LEAST ONE HOUR. A LONGER PERIOD OF TIME (2 TO 3 HOURS) WILL GIVE A MORE ACCURATE READING OF AVERAGE PERCOLATION RATES.

6. DETERMINE AVERAGE DROP IN WATER LEVEL PER HOUR AND REFER TO THE TABLE BELOW TO INTERPRET RESULTS.

HOW TO INTERPRET RESULTS	
IF WATER LEVEL IN HOLE DROPS...	SITE IS...
LESS THAN ONE-HALF INCH PER HOUR	POORLY DRAINED AND SUITED TO WET -SITE SPECIES
ONE HALF-INCH TO ONE INCH PER HOUR	MODERATELY WELL DRAINED AND ACCEPTABLE FOR MANY SPECIES INCLUDING WET SITE SPECIES
MORE THAN ONE INCH PER HOUR	WELL DRAINED AND SUITABLE FOR ALL SPECIES INCLUDING SENSITIVE SPECIES

PERCOLATION TEST HOLE



D / L-13 PERCOLATION TEST

ISOMETRIC

NOT TO SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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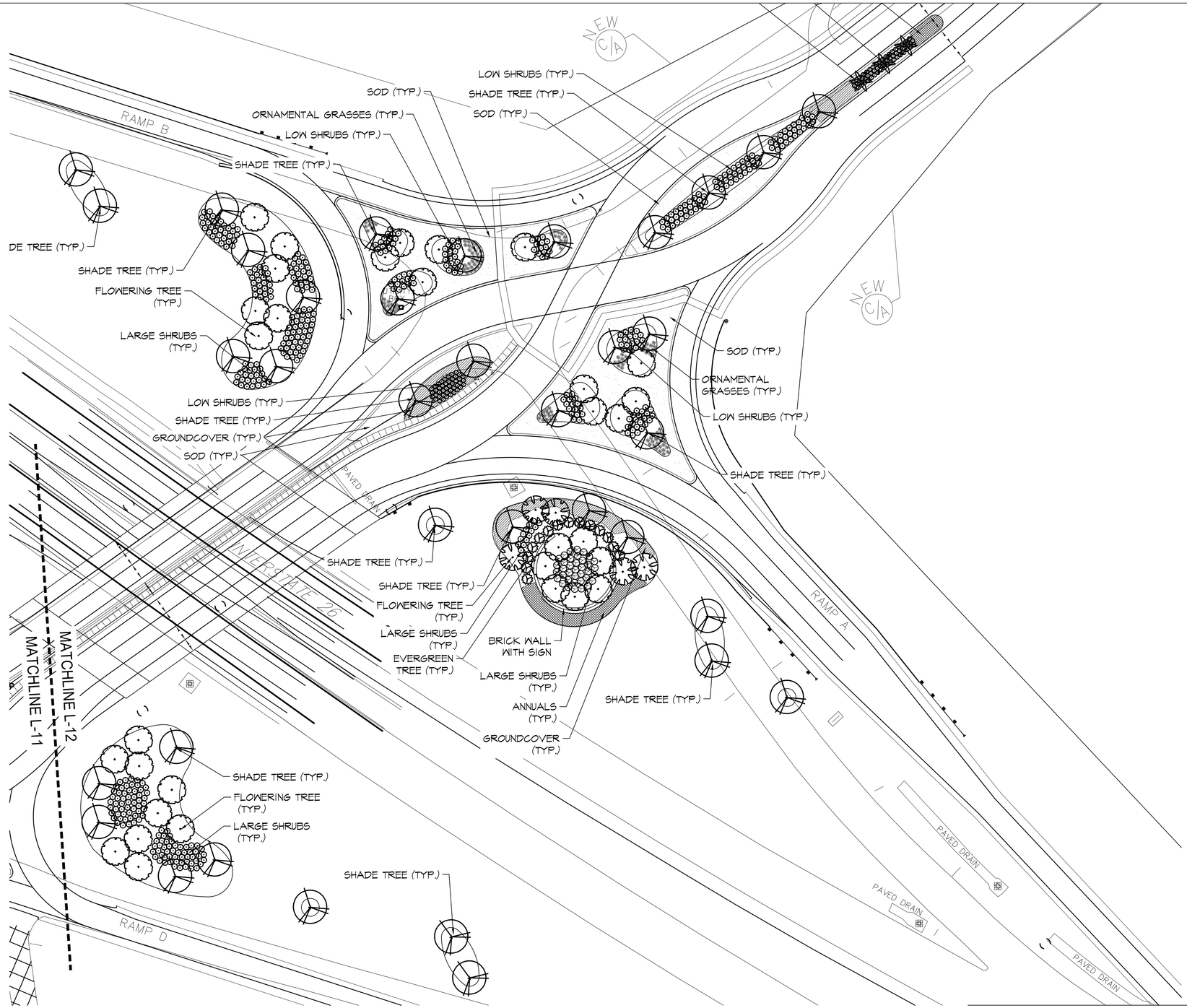
DWG. ____ DATE _____ FILE $FILE$
CKD. ____ DATE _____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING DETAILS AND PAY ITEMS

SHEET L-13

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-12



PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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CKD. ____ DATE _____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-12

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
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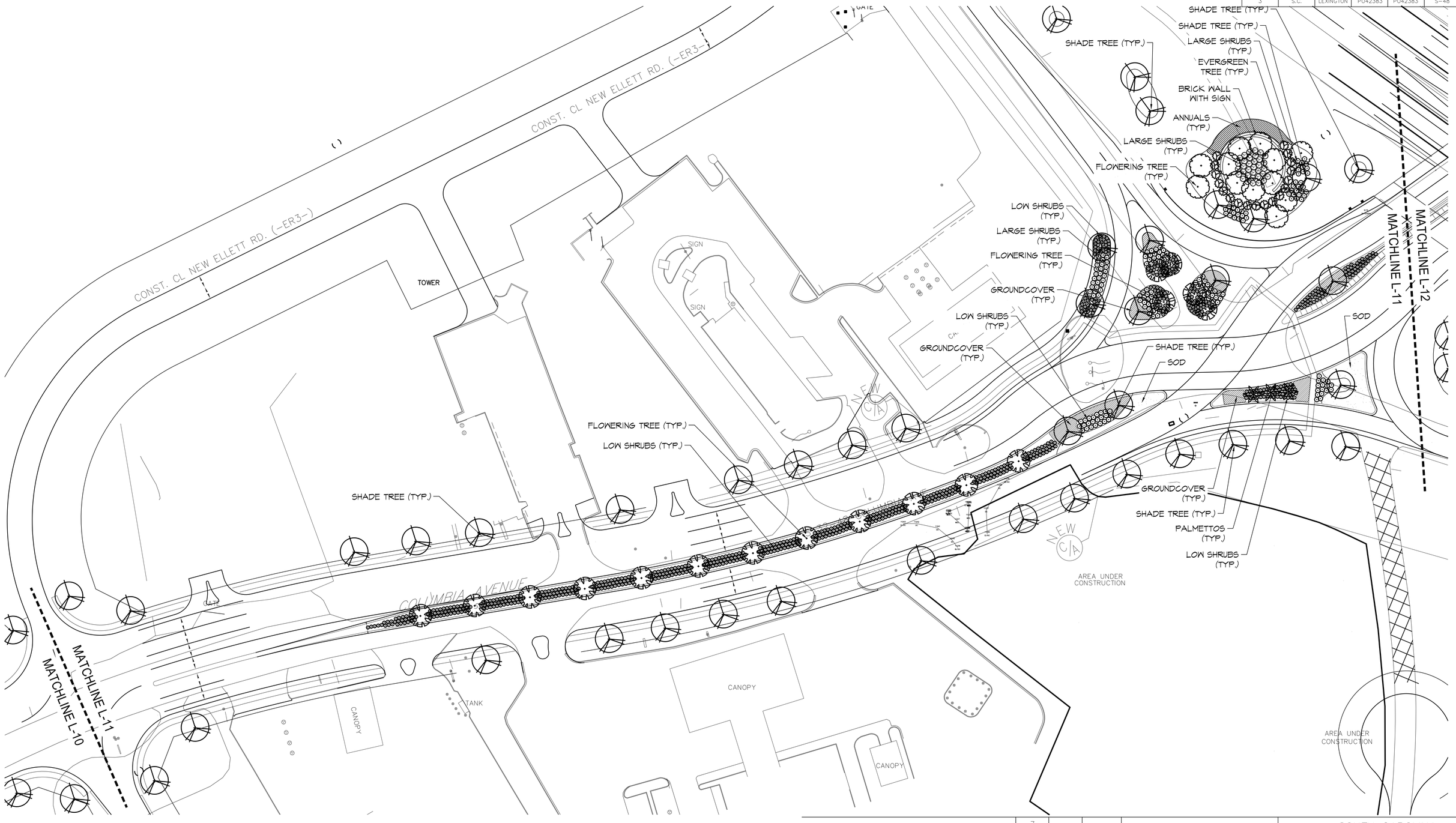

PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-11

CO. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
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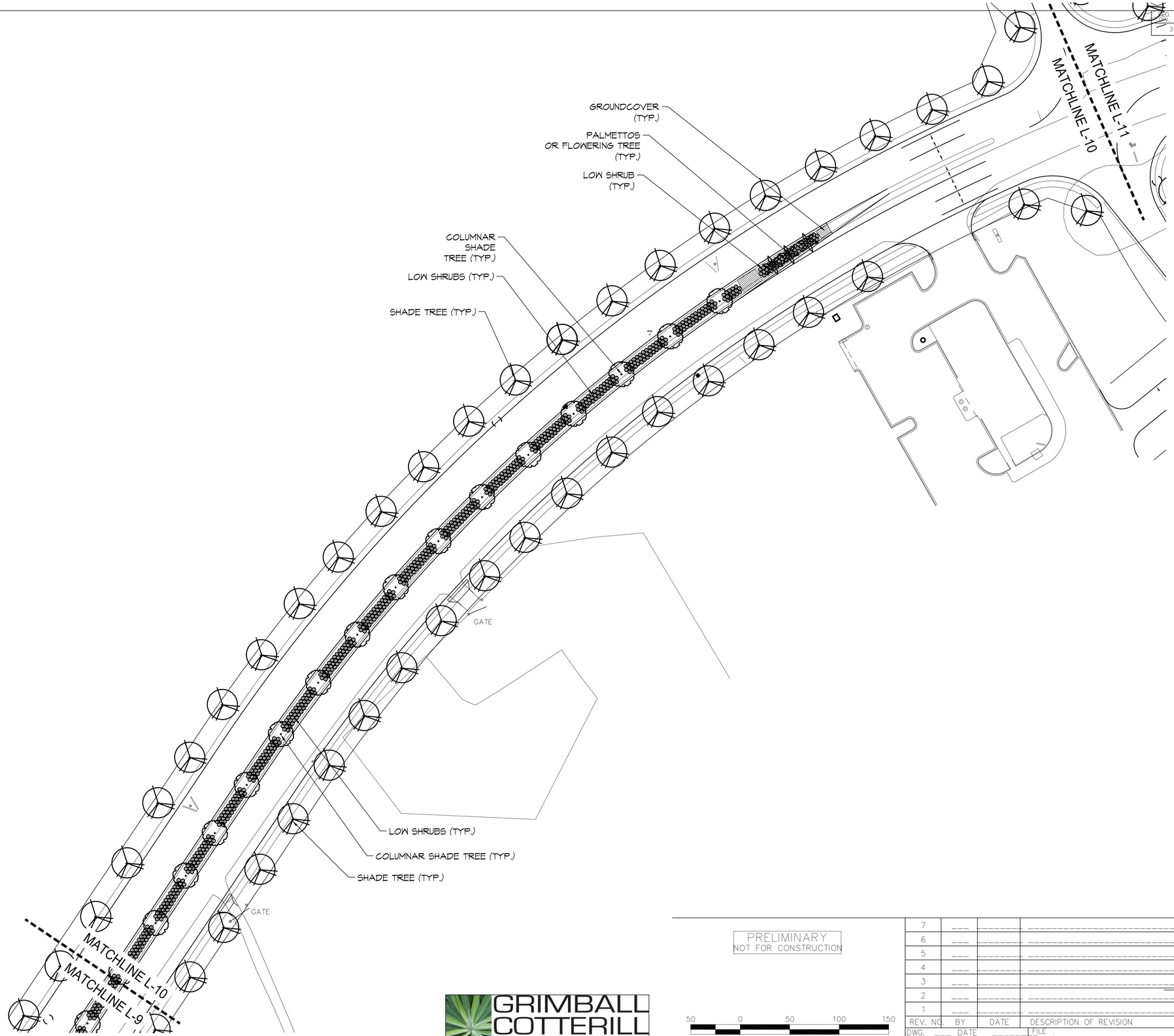

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

PRELIMINARY
NOT FOR CONSTRUCTION

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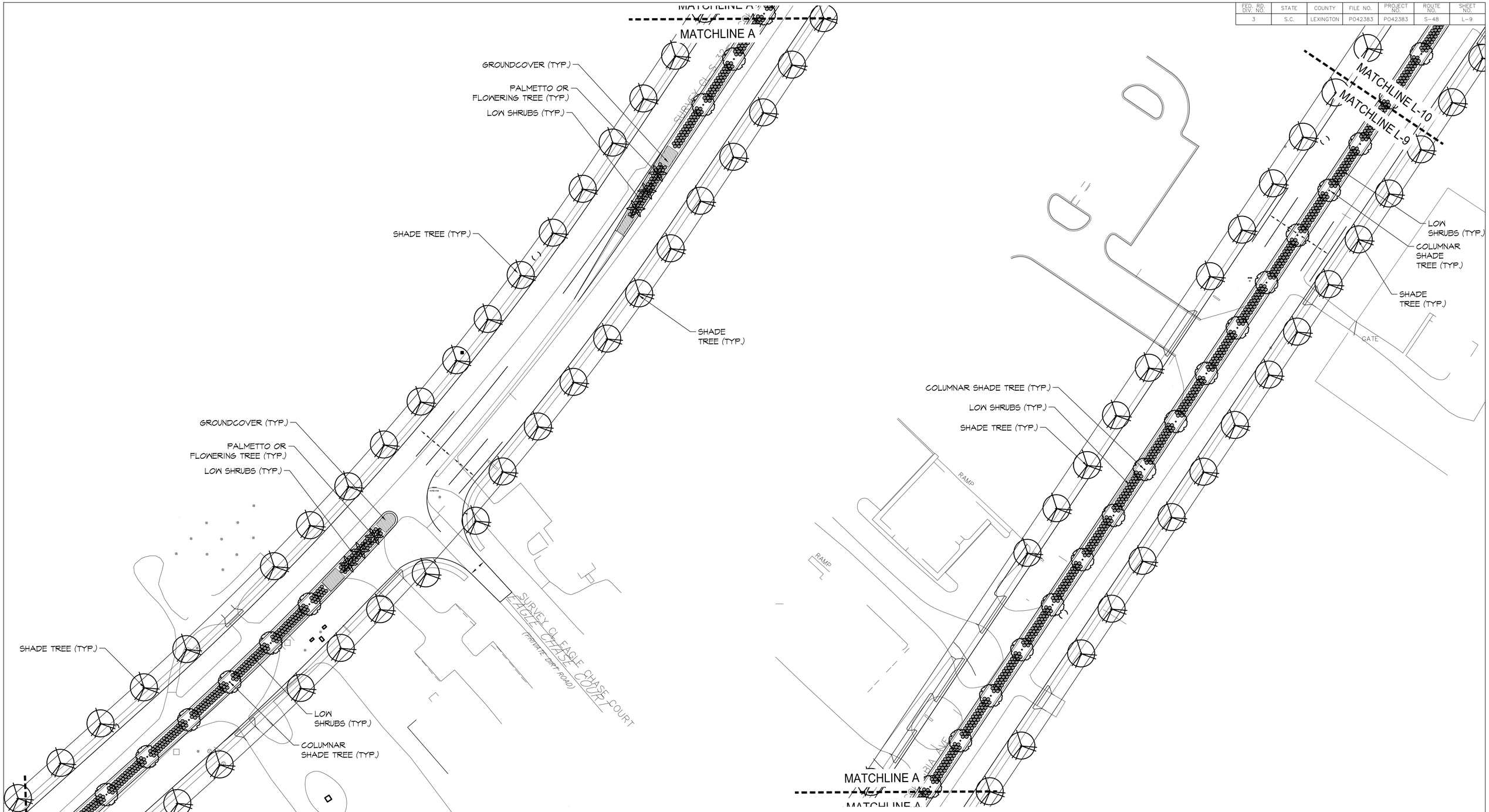
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-10

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-9



PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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DWG. ____ DATE _____ FILE $FILE$
CKD. ____ DATE _____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-9

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
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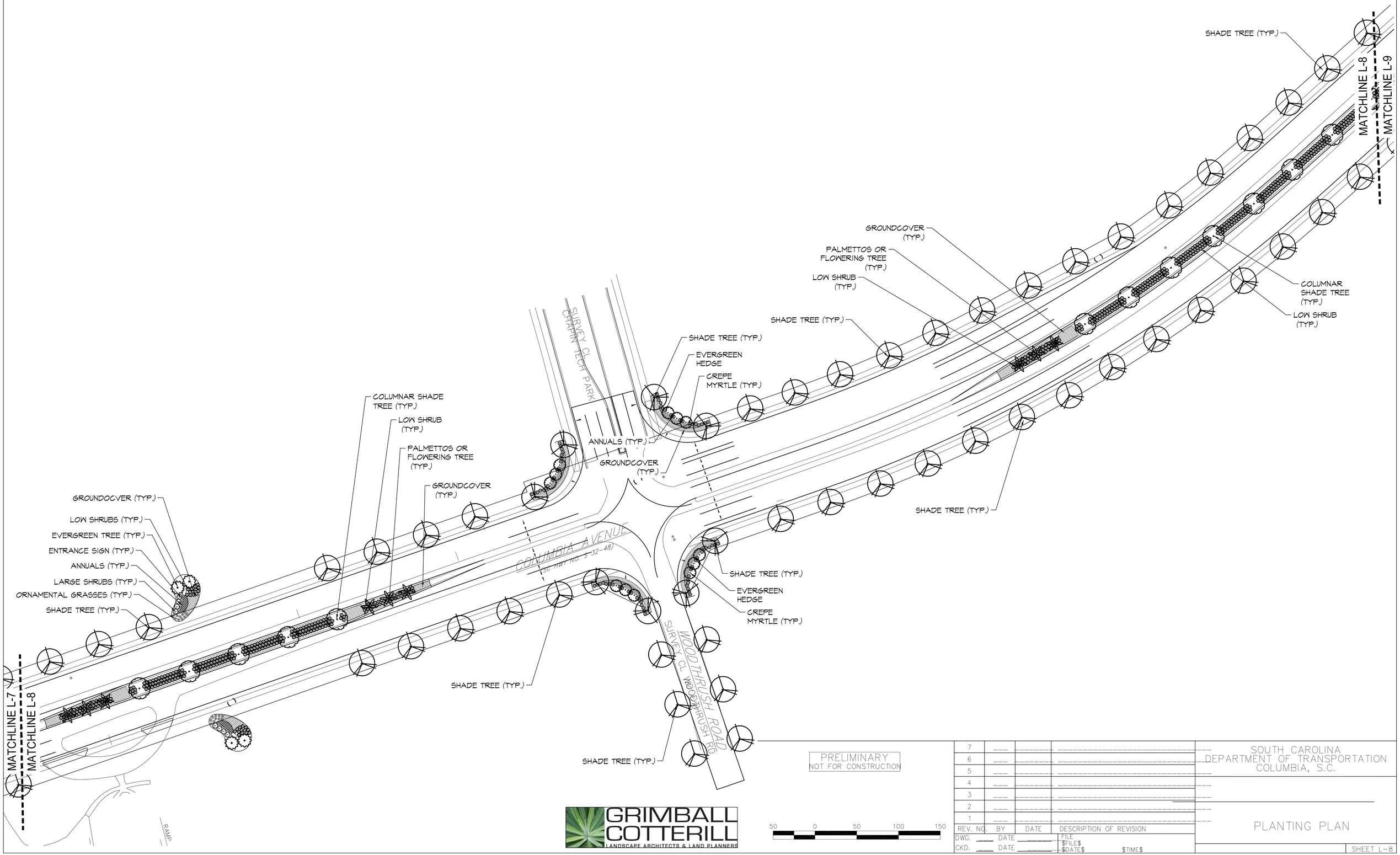

PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-8

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
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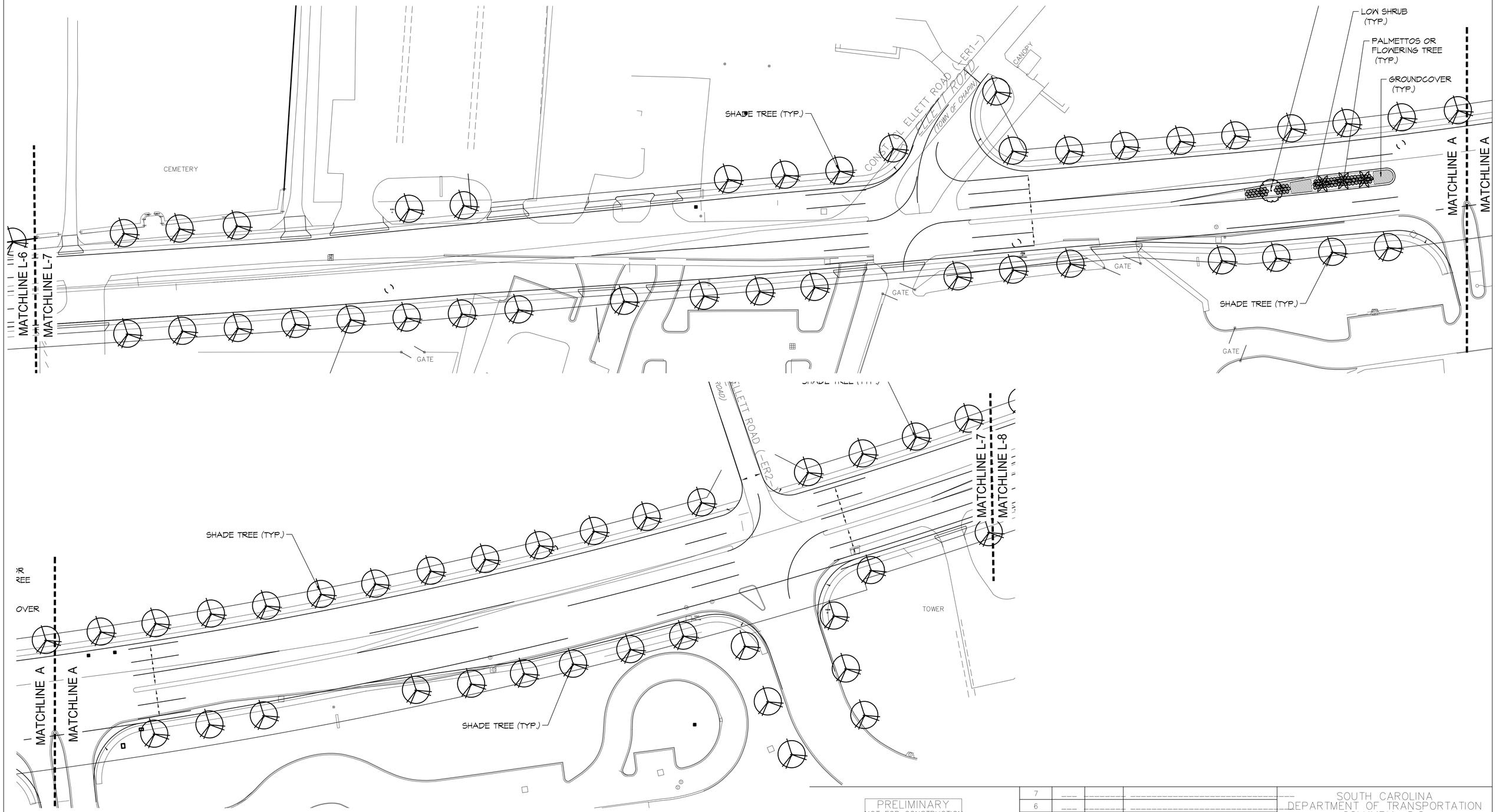

PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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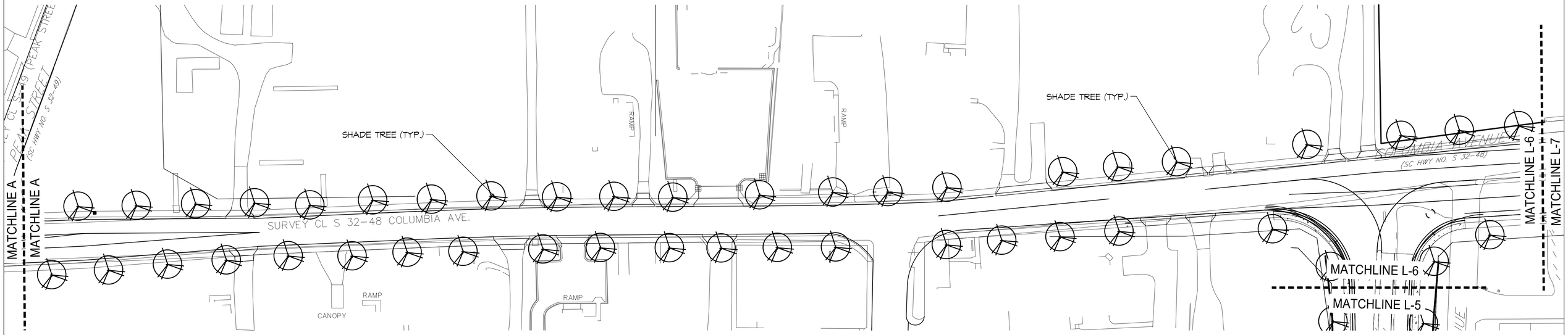
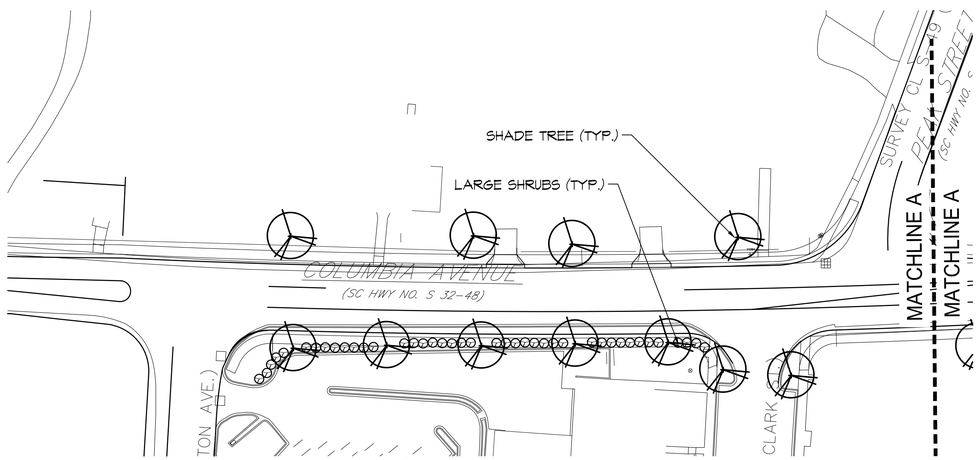
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-7

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-6





PRELIMINARY
NOT FOR CONSTRUCTION

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GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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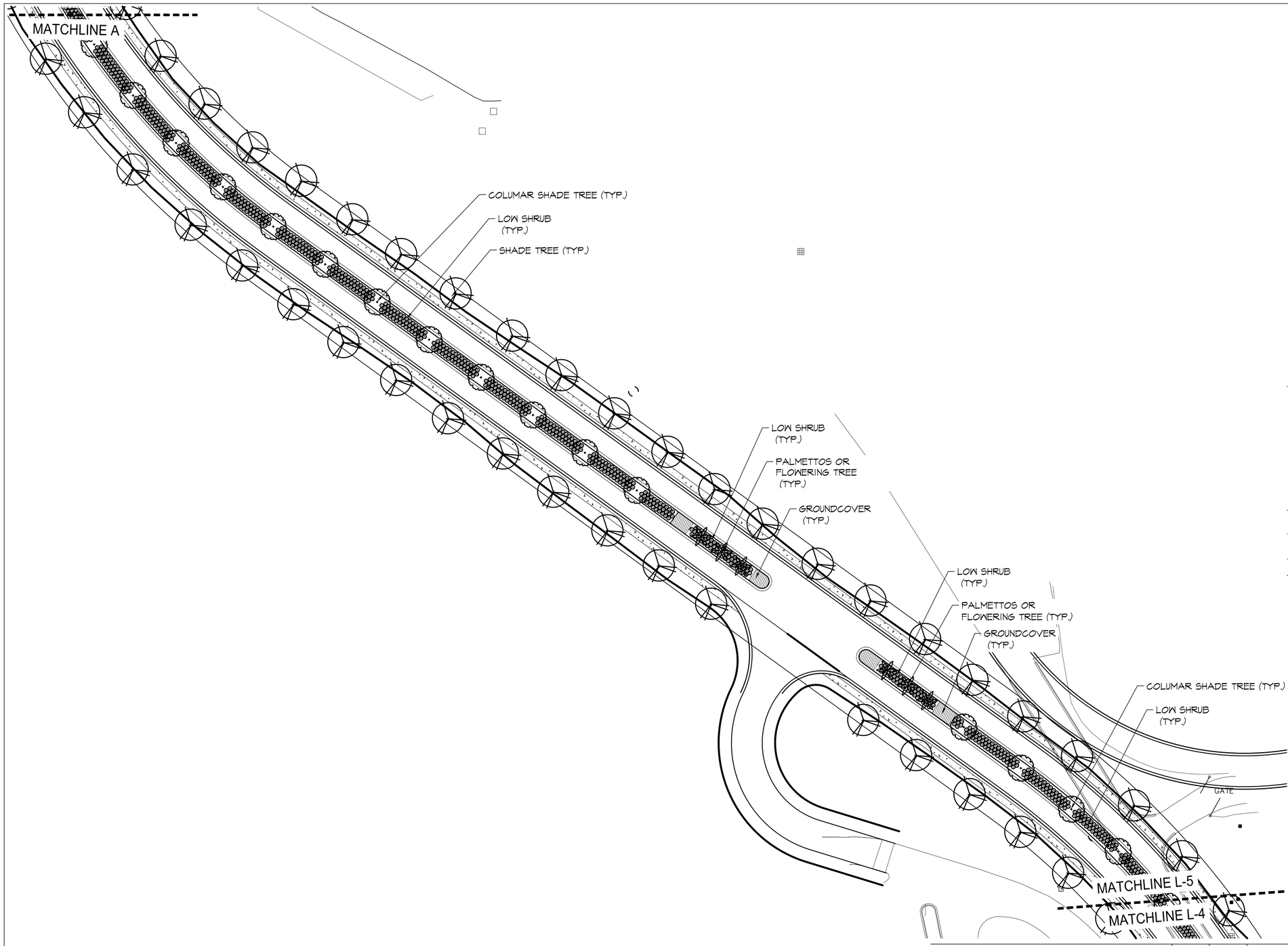
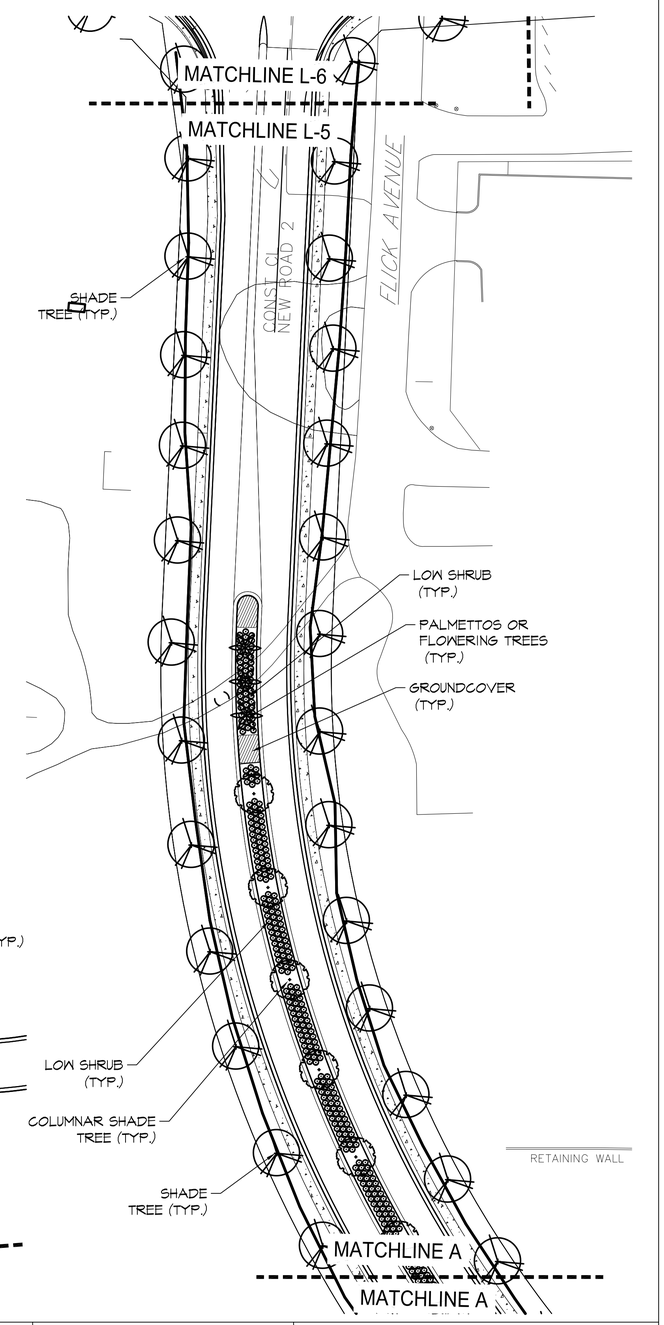
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-6

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-5





PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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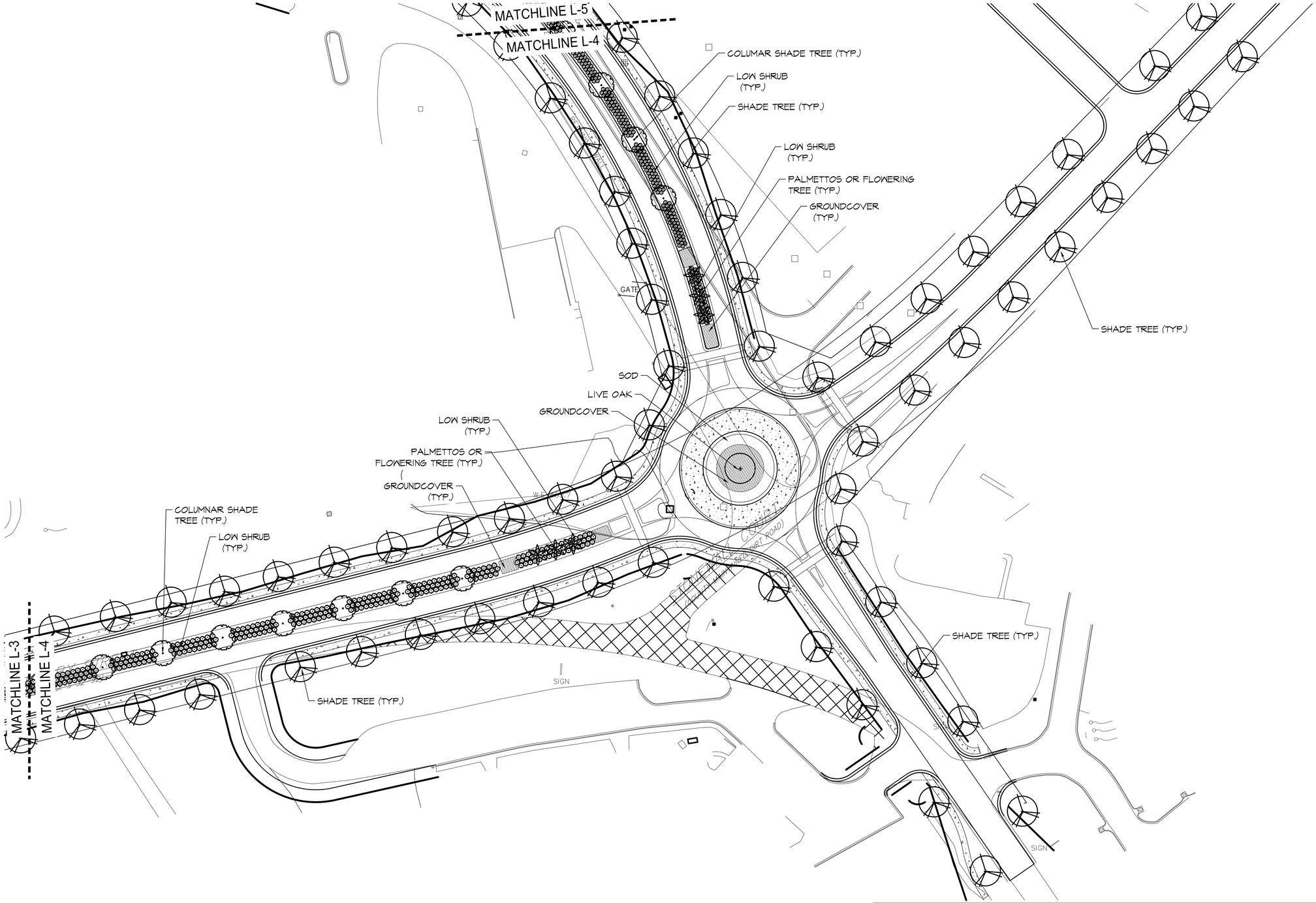
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-5

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-4



PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-4

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
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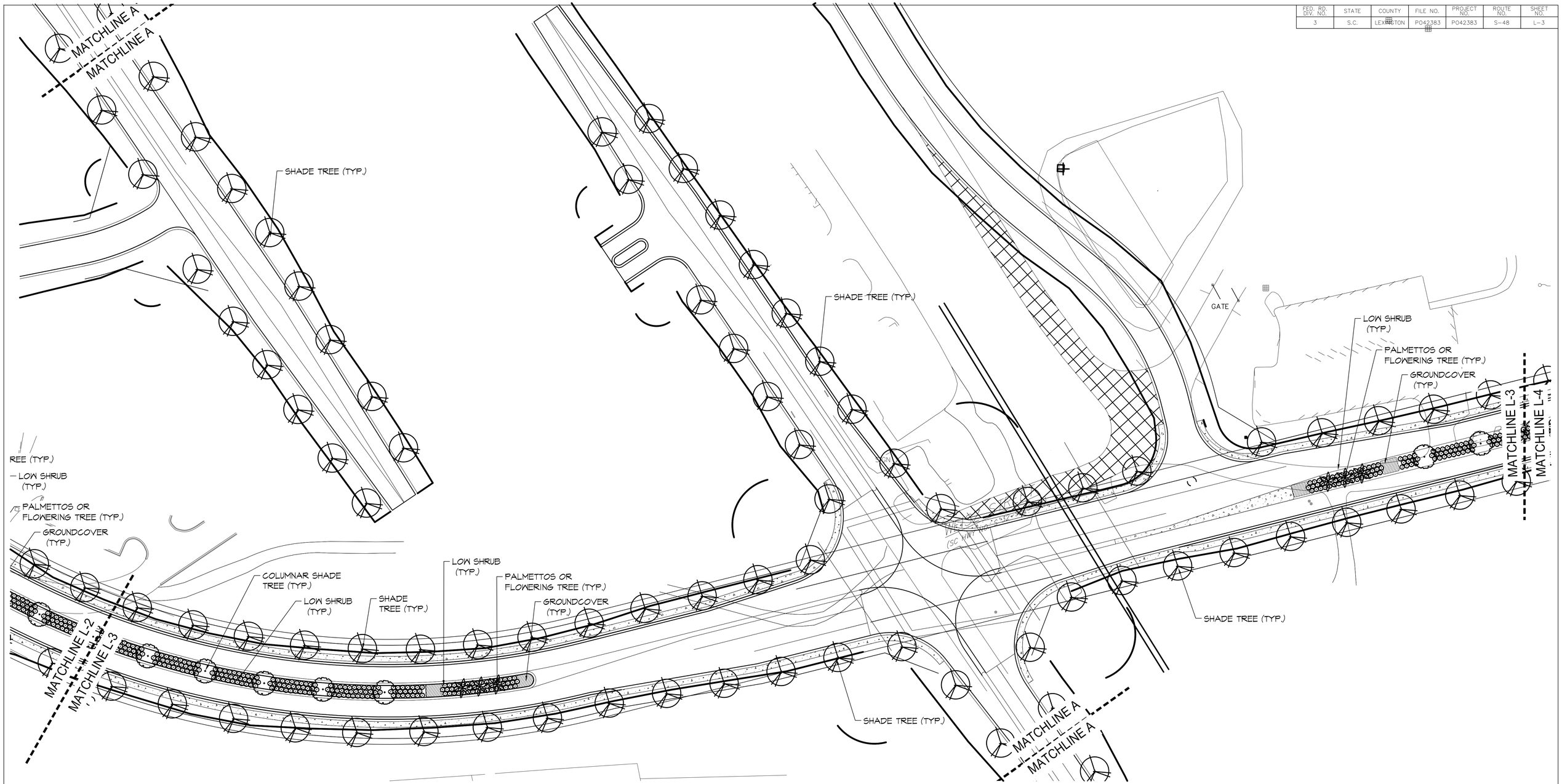

PRELIMINARY
NOT FOR CONSTRUCTION

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GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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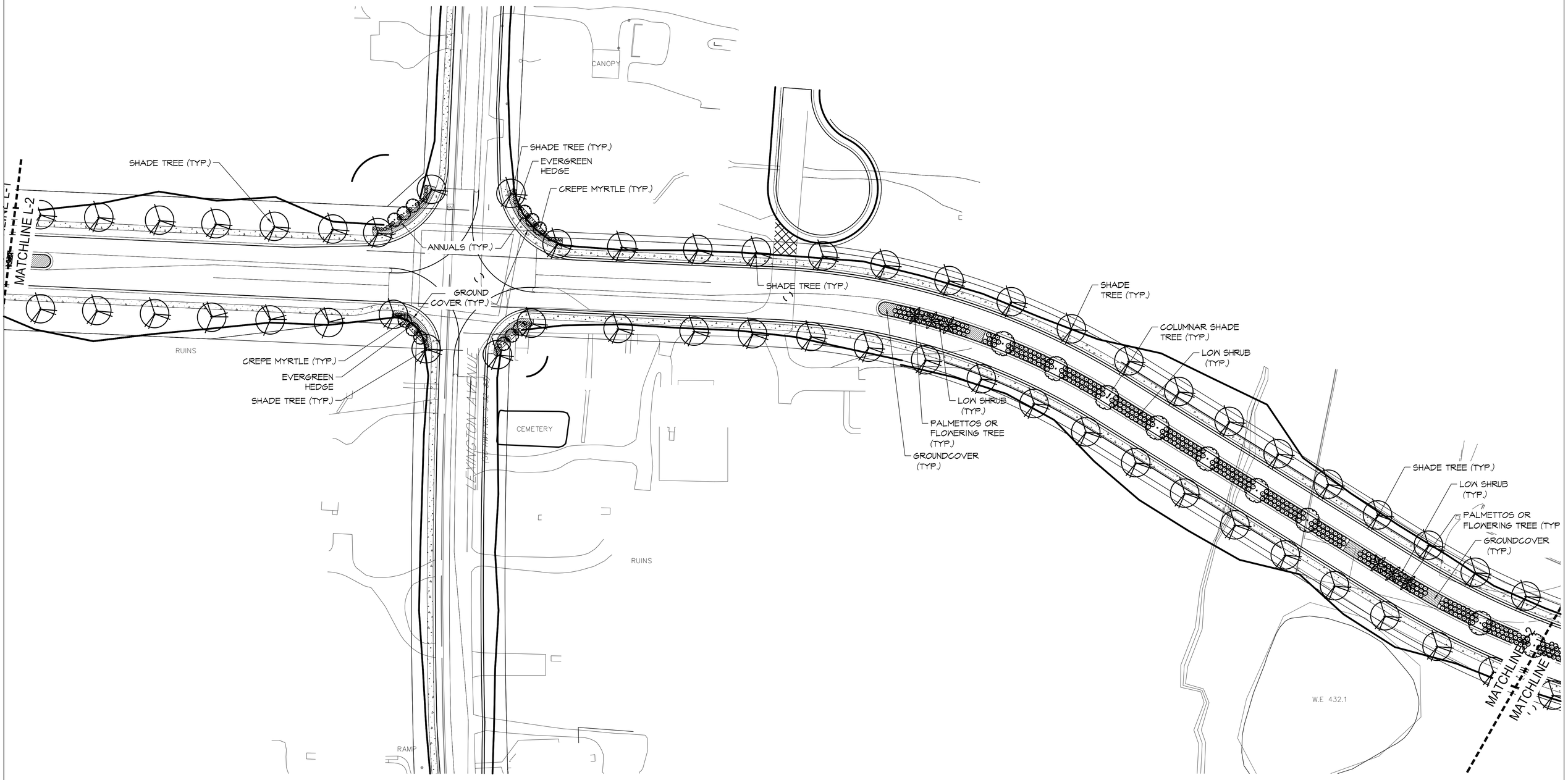
CKD. ____ DATE _____ $DATE$ $TIME$

SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-3

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-2



PRELIMINARY
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GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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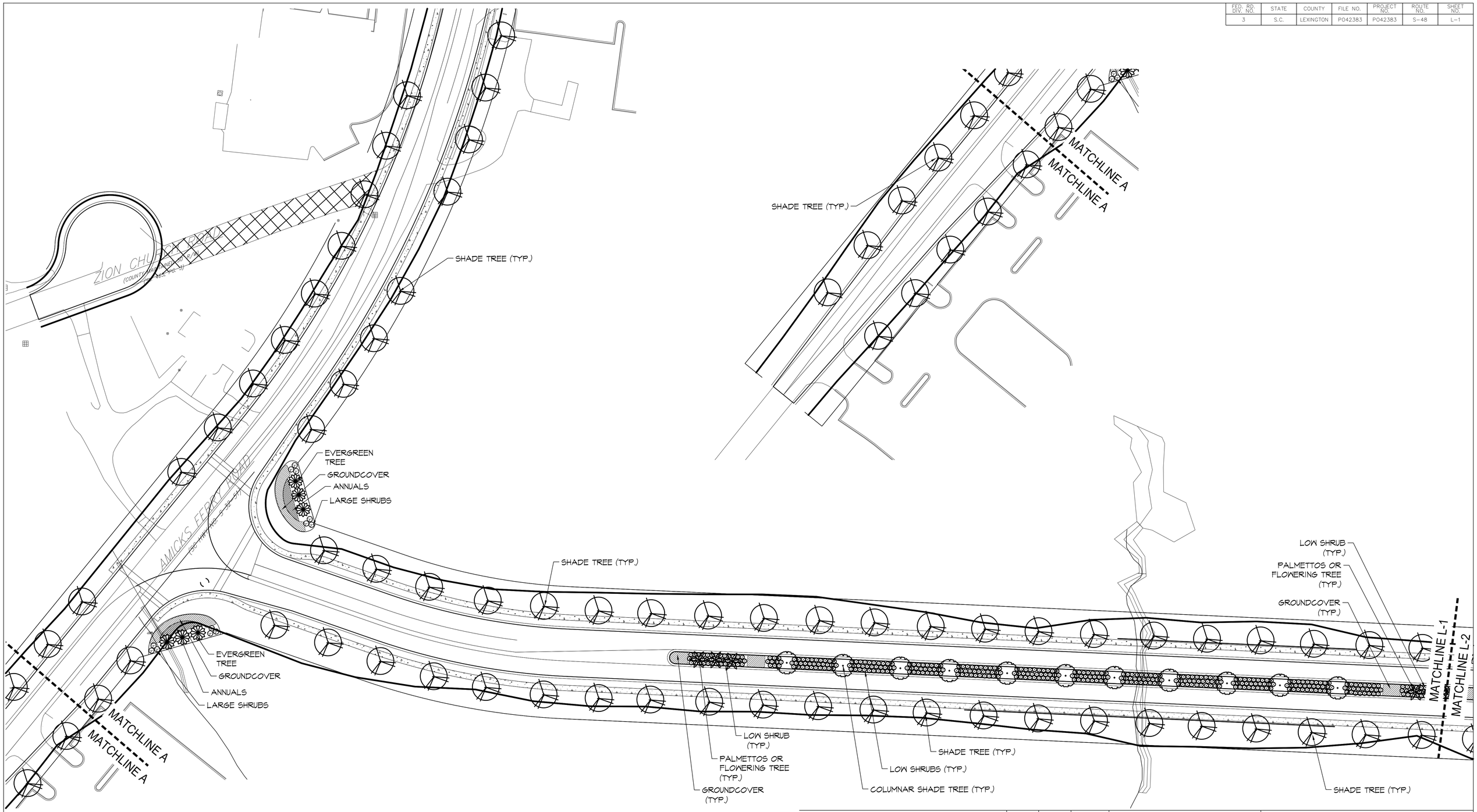
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-2

FED. RD. DIV. NO.	STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	P042383	S-48	L-1



PRELIMINARY
NOT FOR CONSTRUCTION

GRIMBALL COTTERILL
LANDSCAPE ARCHITECTS & LAND PLANNERS

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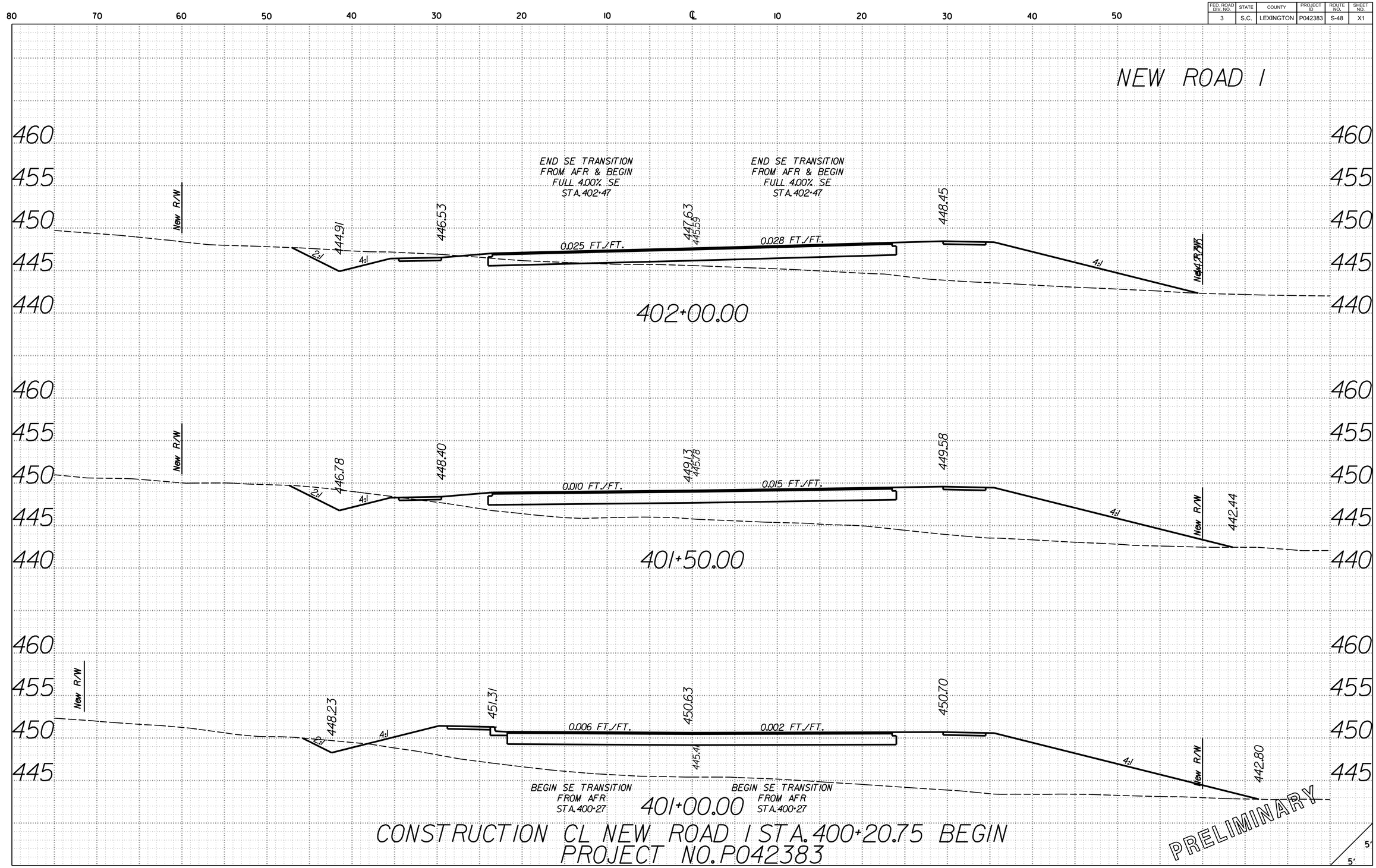
SOUTH CAROLINA
DEPARTMENT OF TRANSPORTATION
COLUMBIA, S.C.

PLANTING PLAN

SHEET L-1

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X1



CONSTRUCTION CL NEW ROAD 1 STA. 400+20.75 BEGIN
PROJECT NO. P042383

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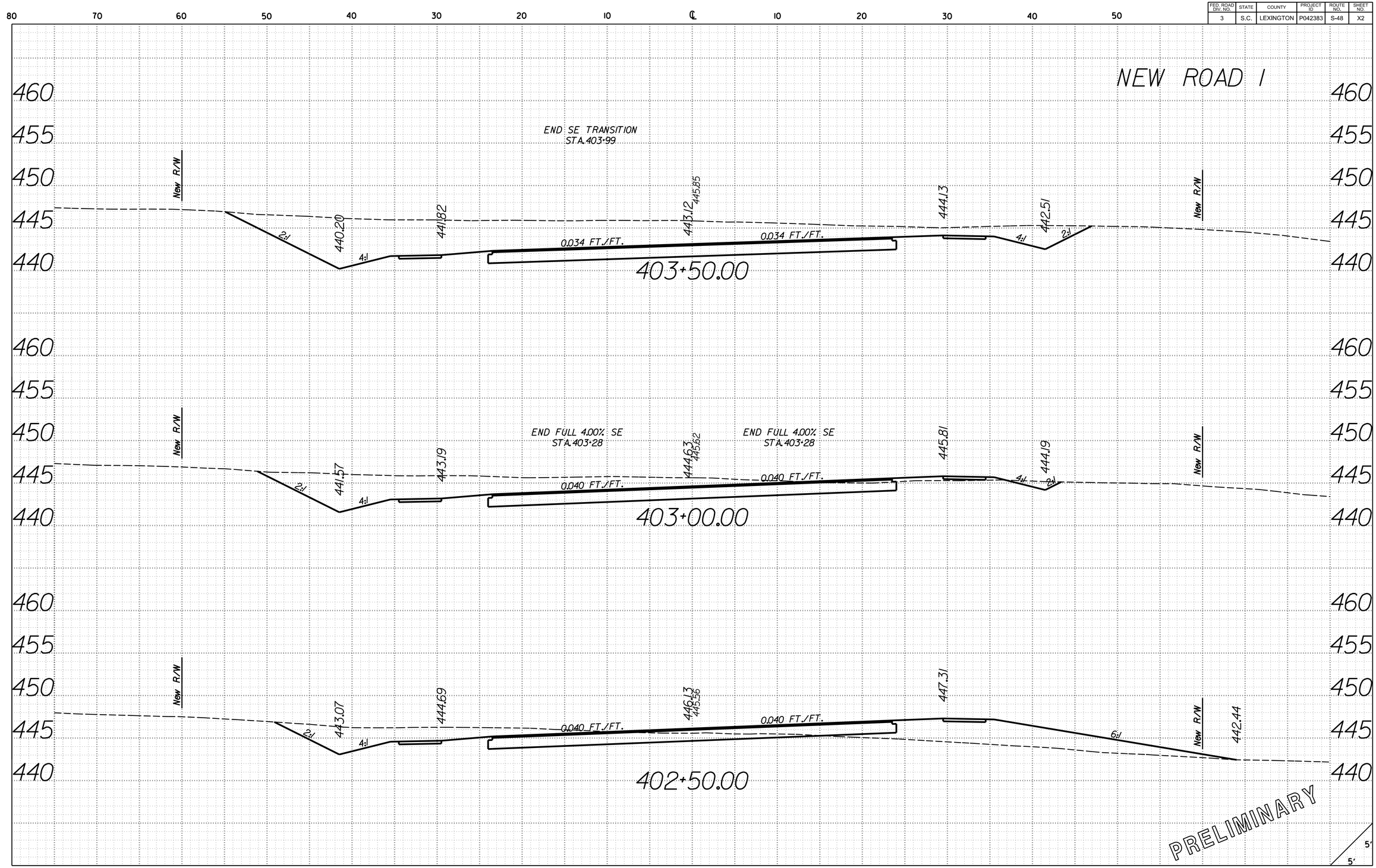
3	S.C.	LEXINGTON	P042383	S-48	X2



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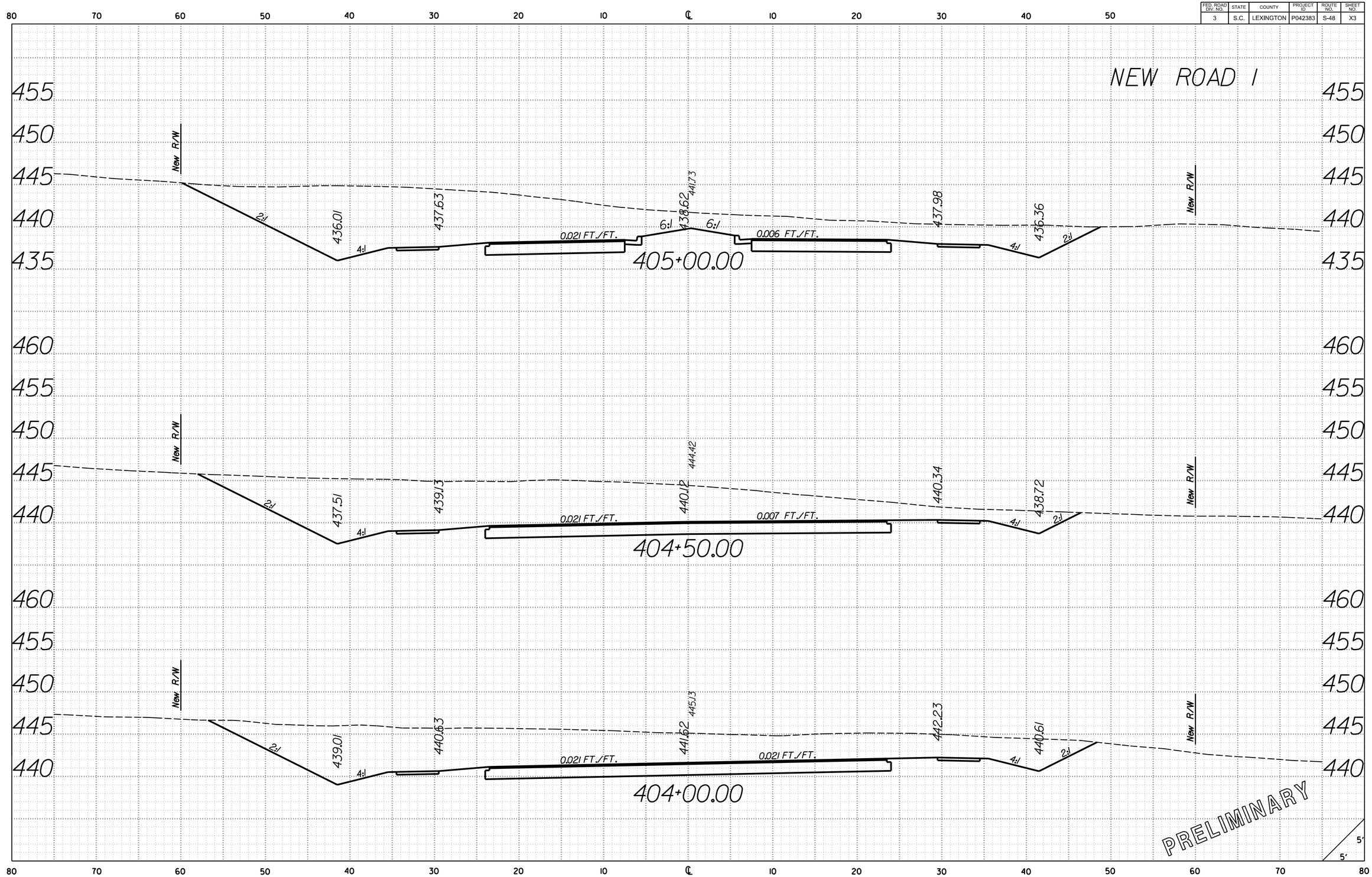
3	S.C.	LEXINGTON	P042383	S-48	X3



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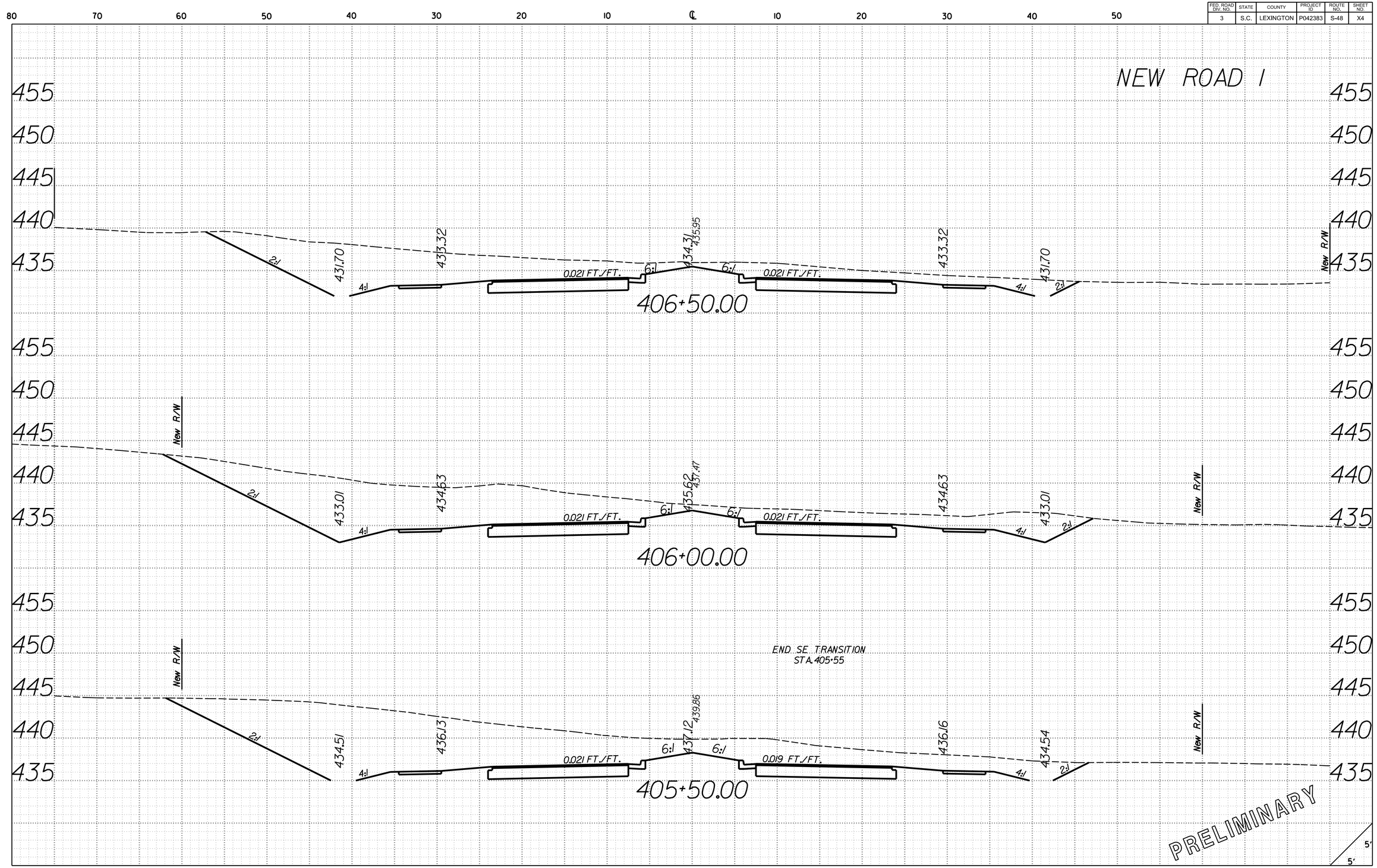
3	S.C.	LEXINGTON	P042383	S-48	X4



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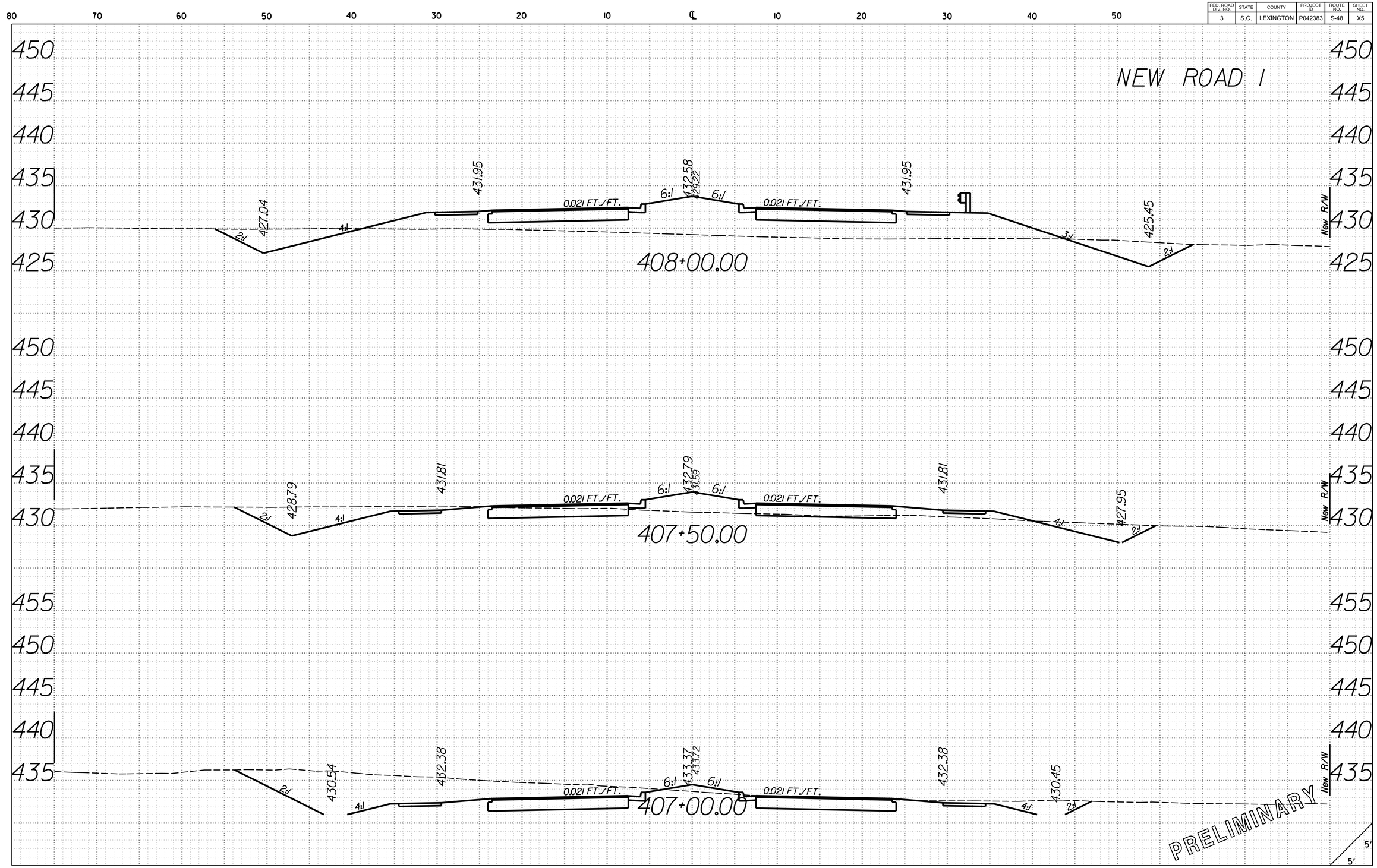
3	S.C.	LEXINGTON	P042383	S-48	X5



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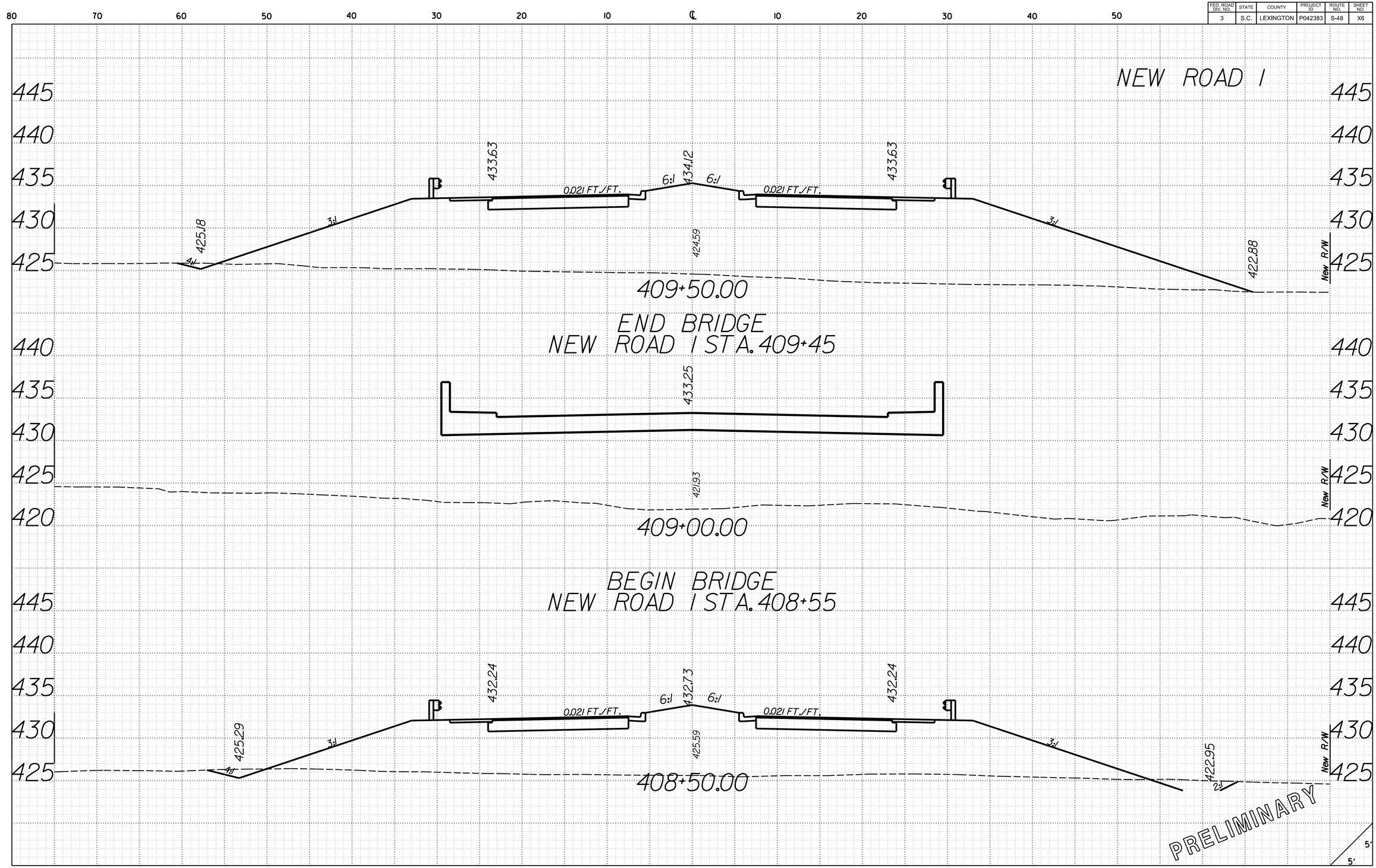

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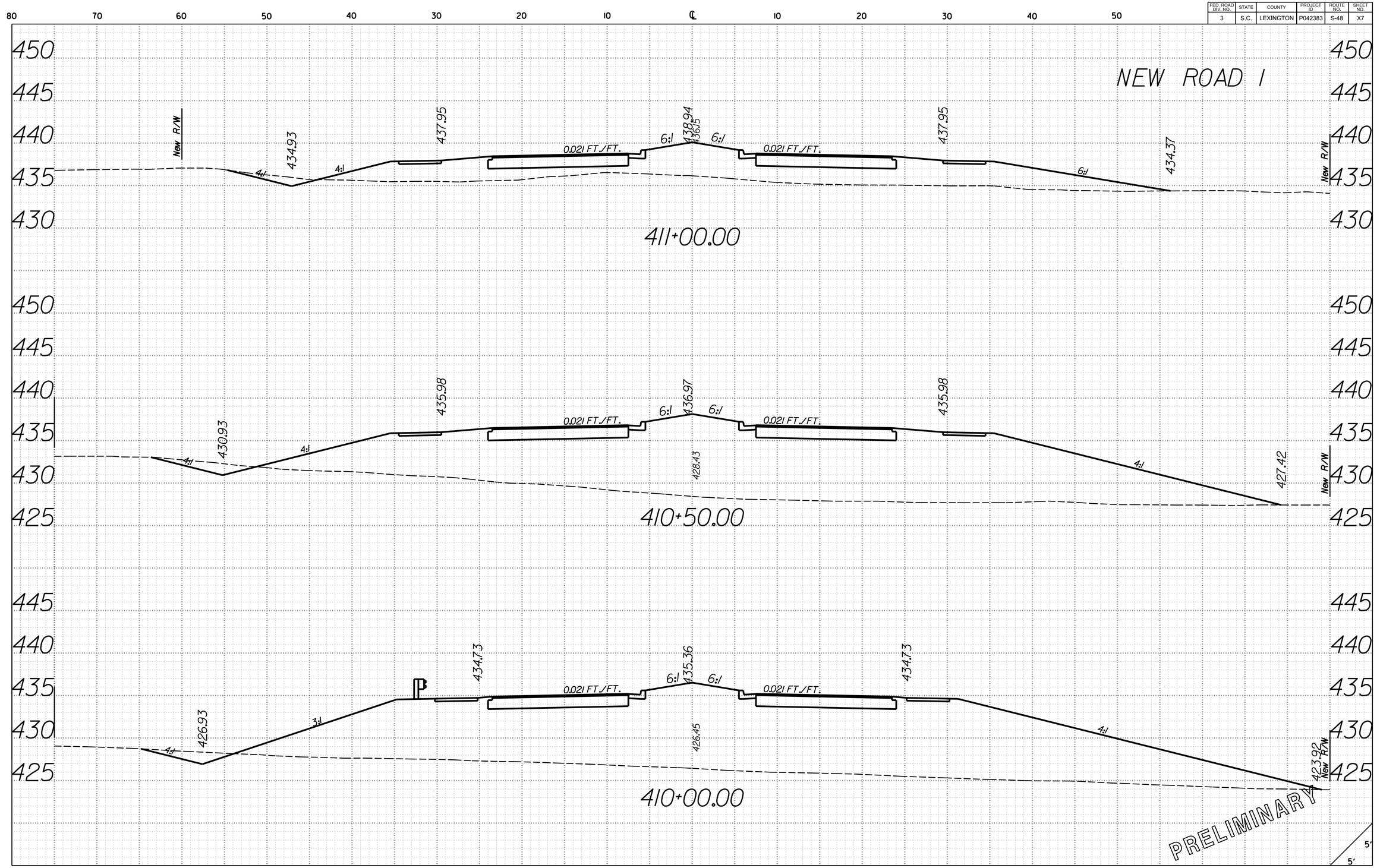

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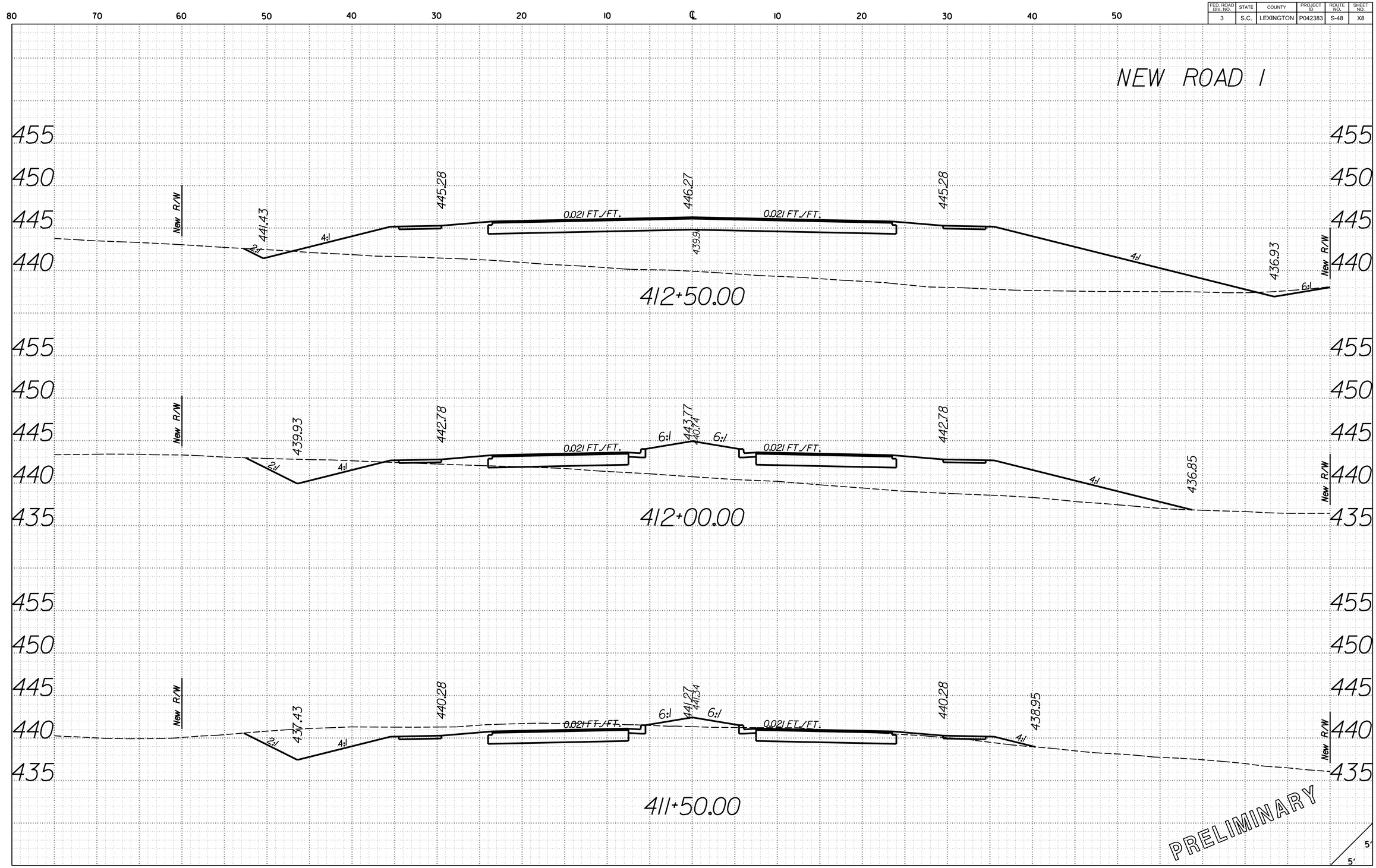
3	S.C.	LEXINGTON	P042383	S-48	X8



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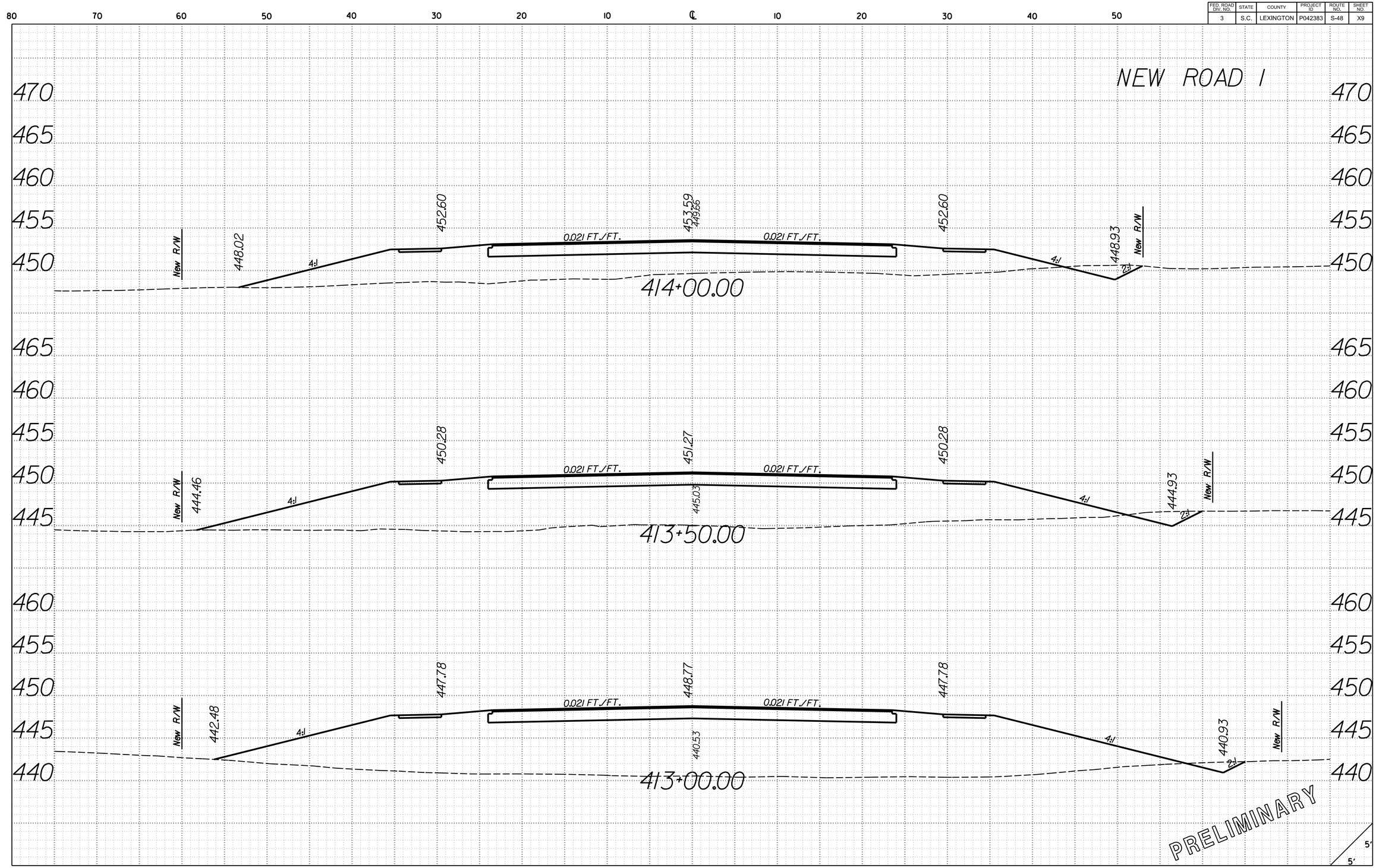
3	S.C.	LEXINGTON	P042383	S-48	X9



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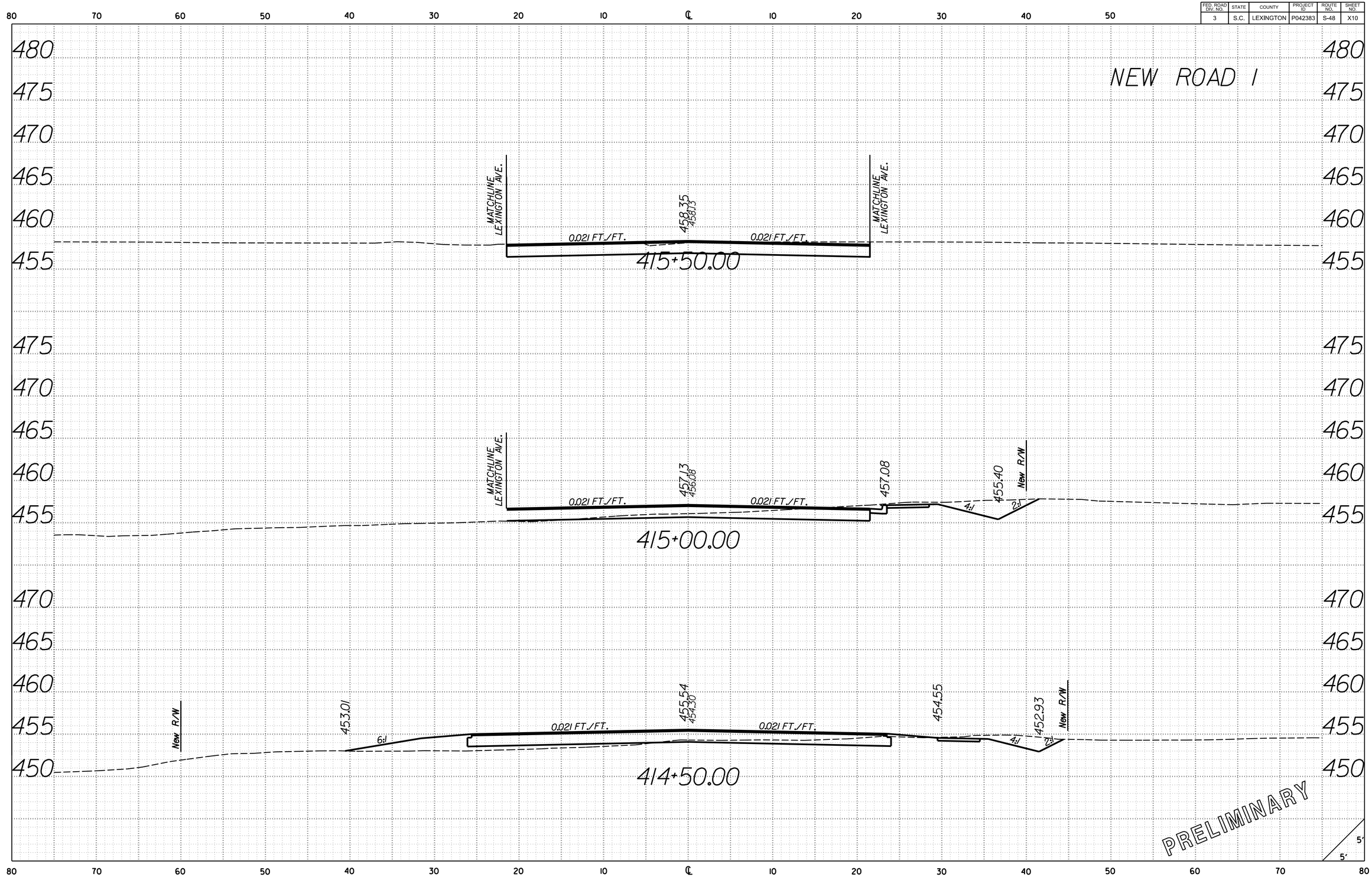
3	S.C.	LEXINGTON	P042383	S-48	X10



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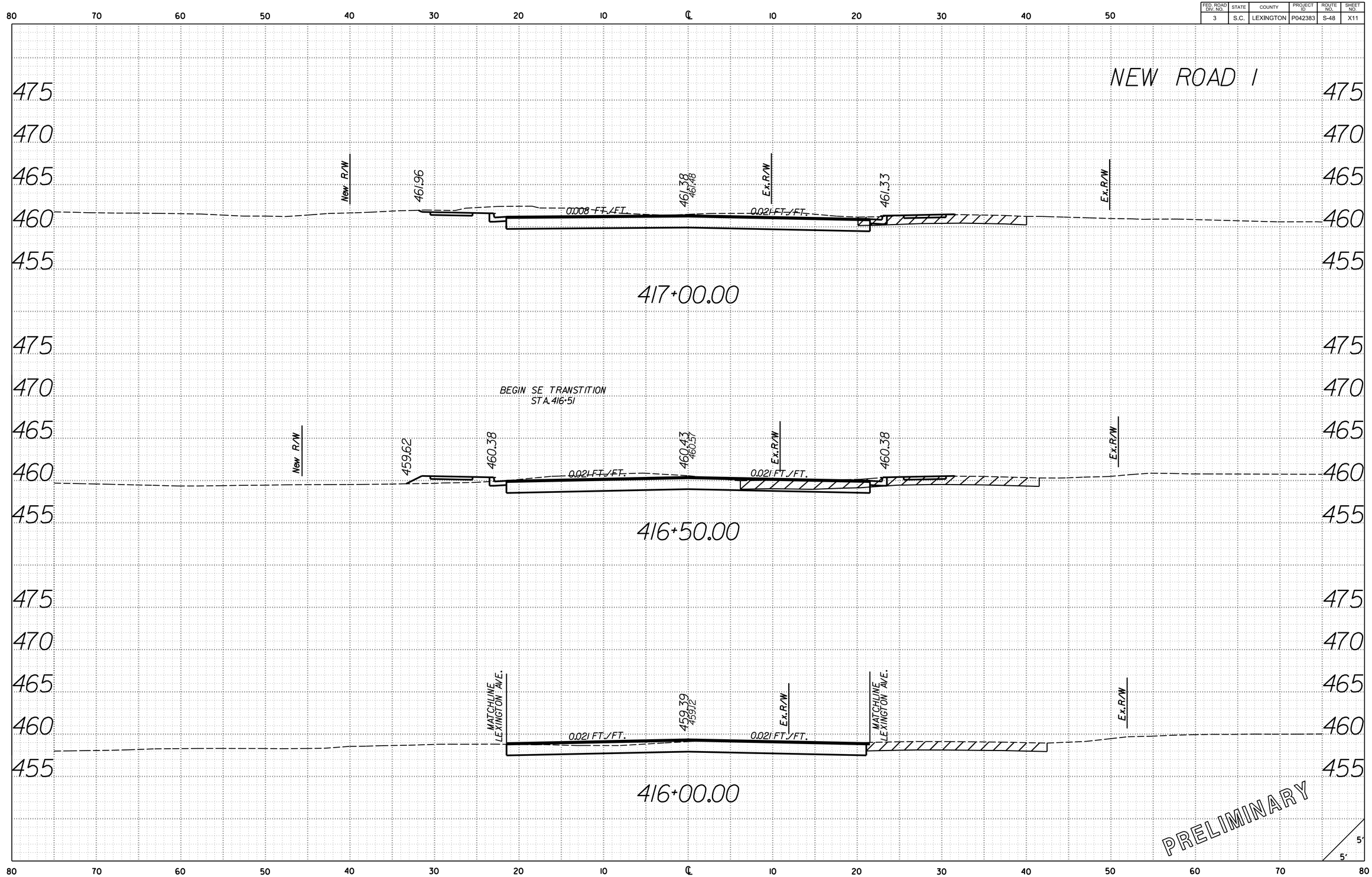
3	S.C.	LEXINGTON	P042383	S-48	X11



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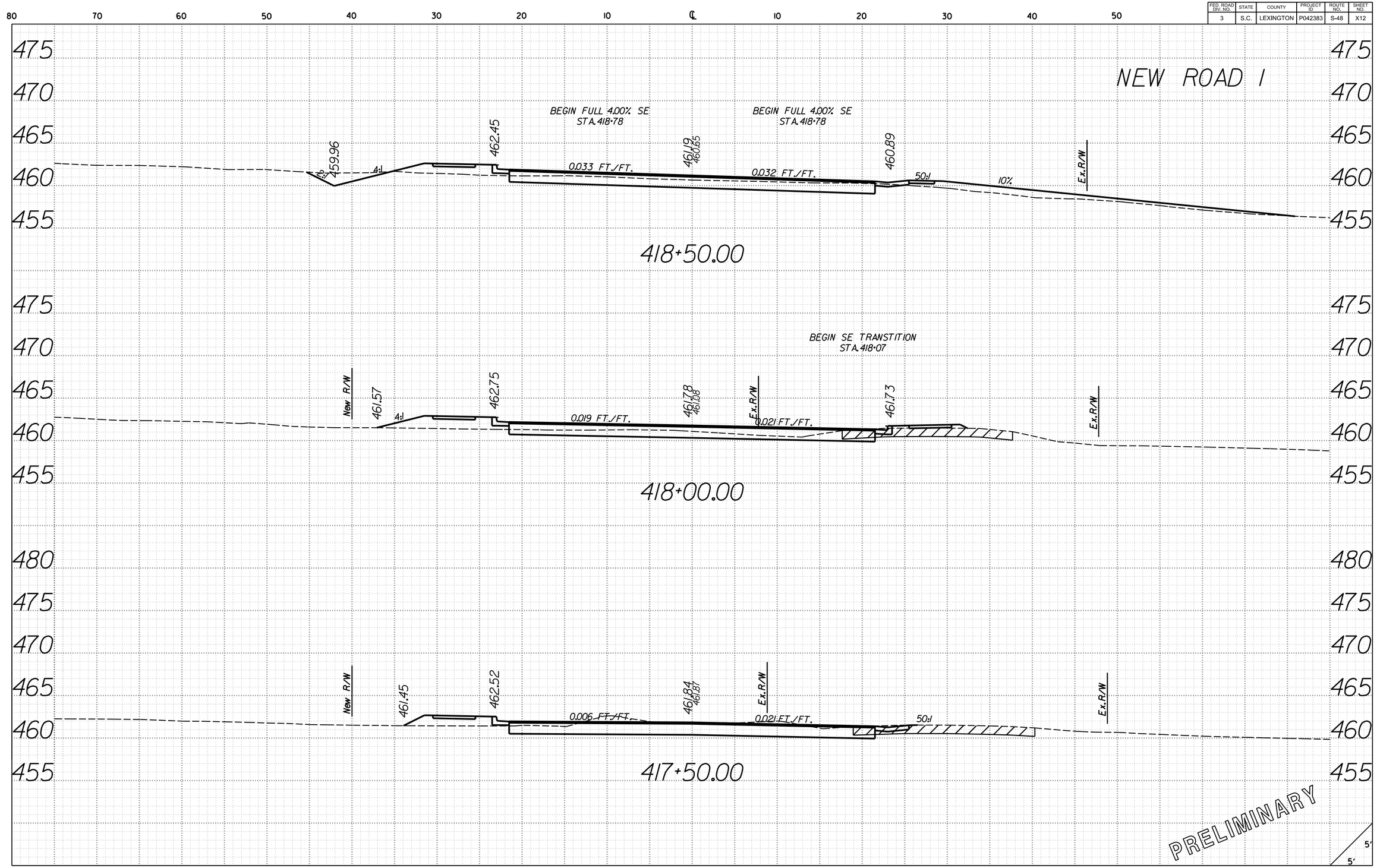
3	S.C.	LEXINGTON	P042383	S-48	X12



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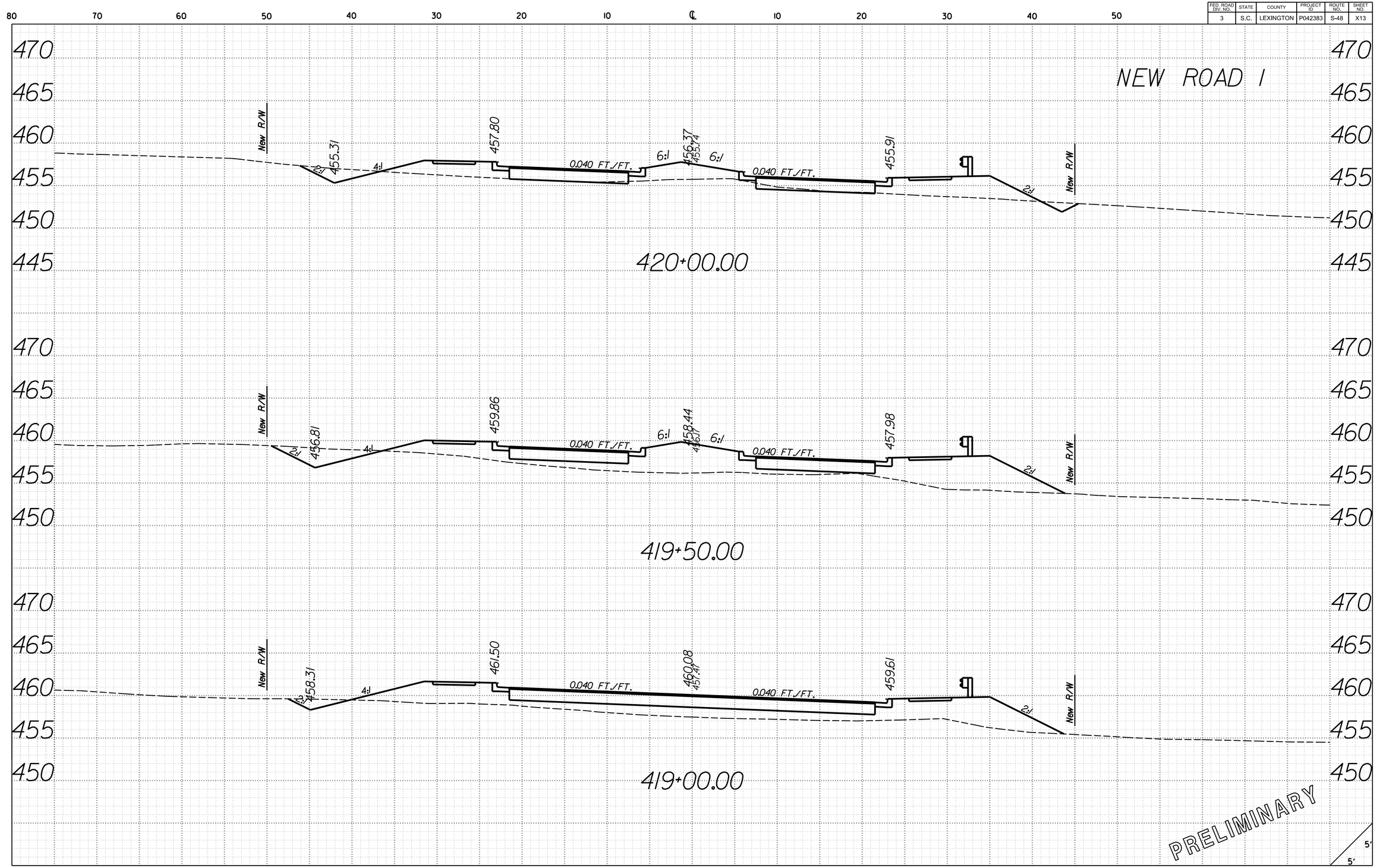

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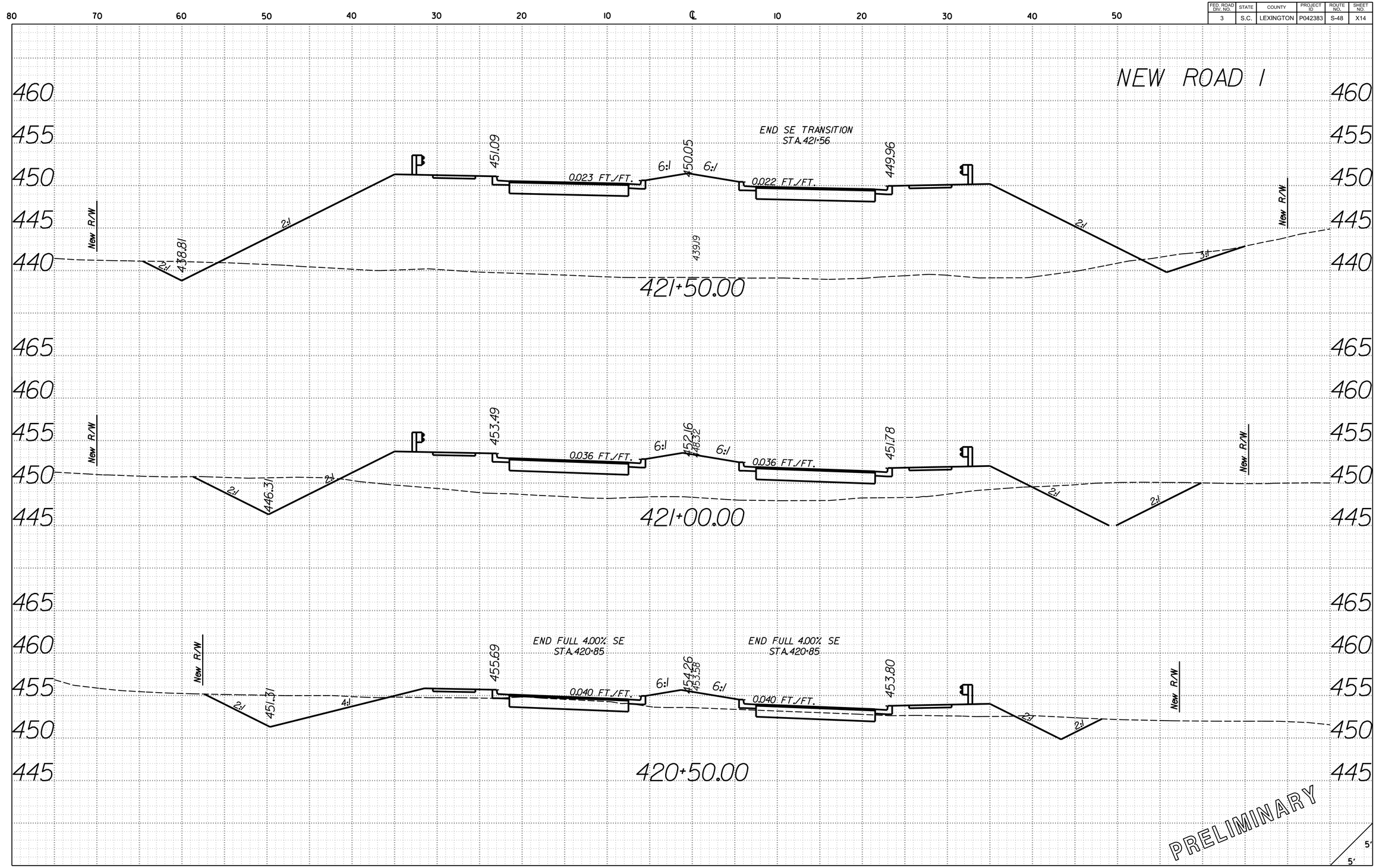

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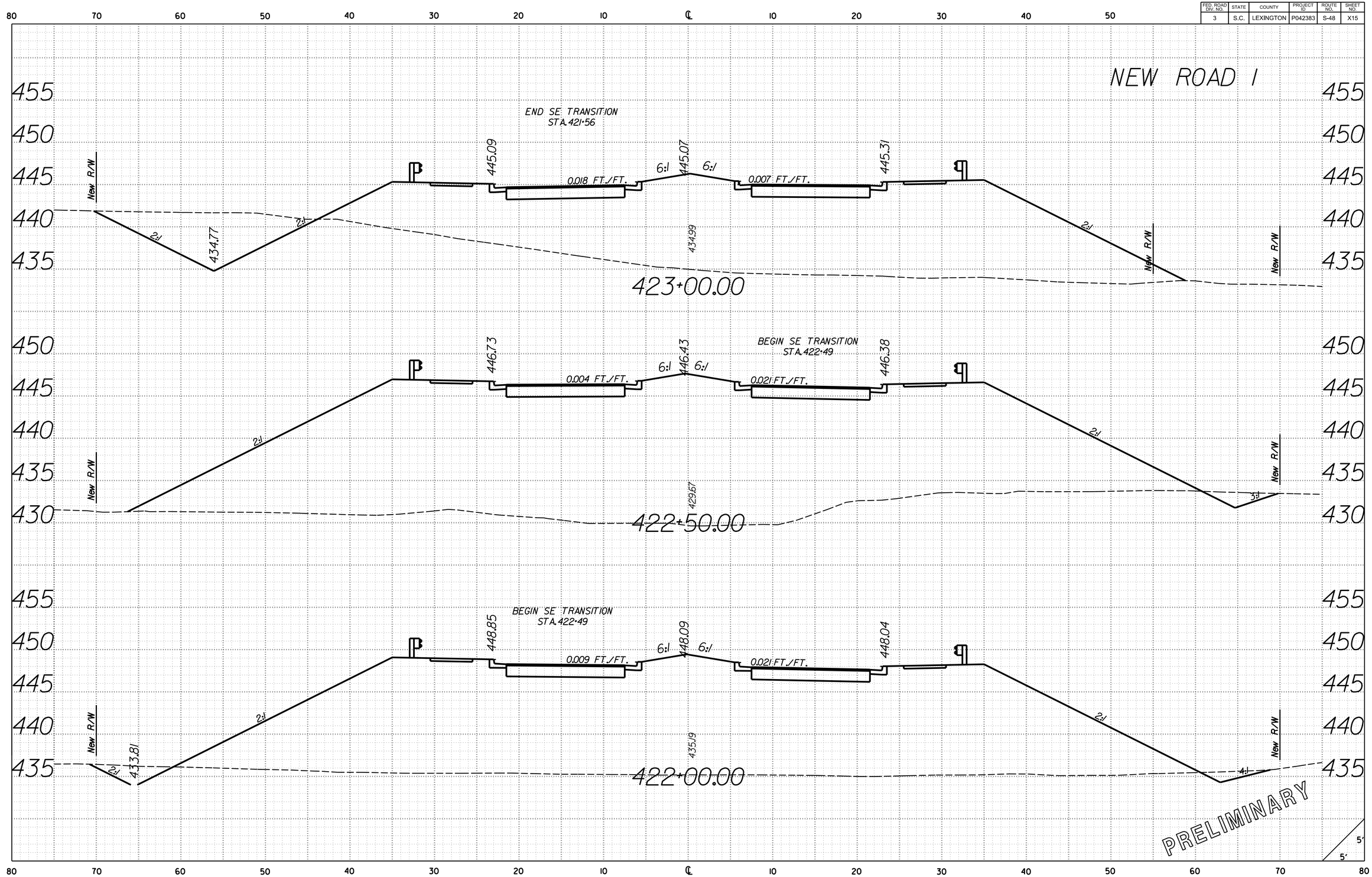

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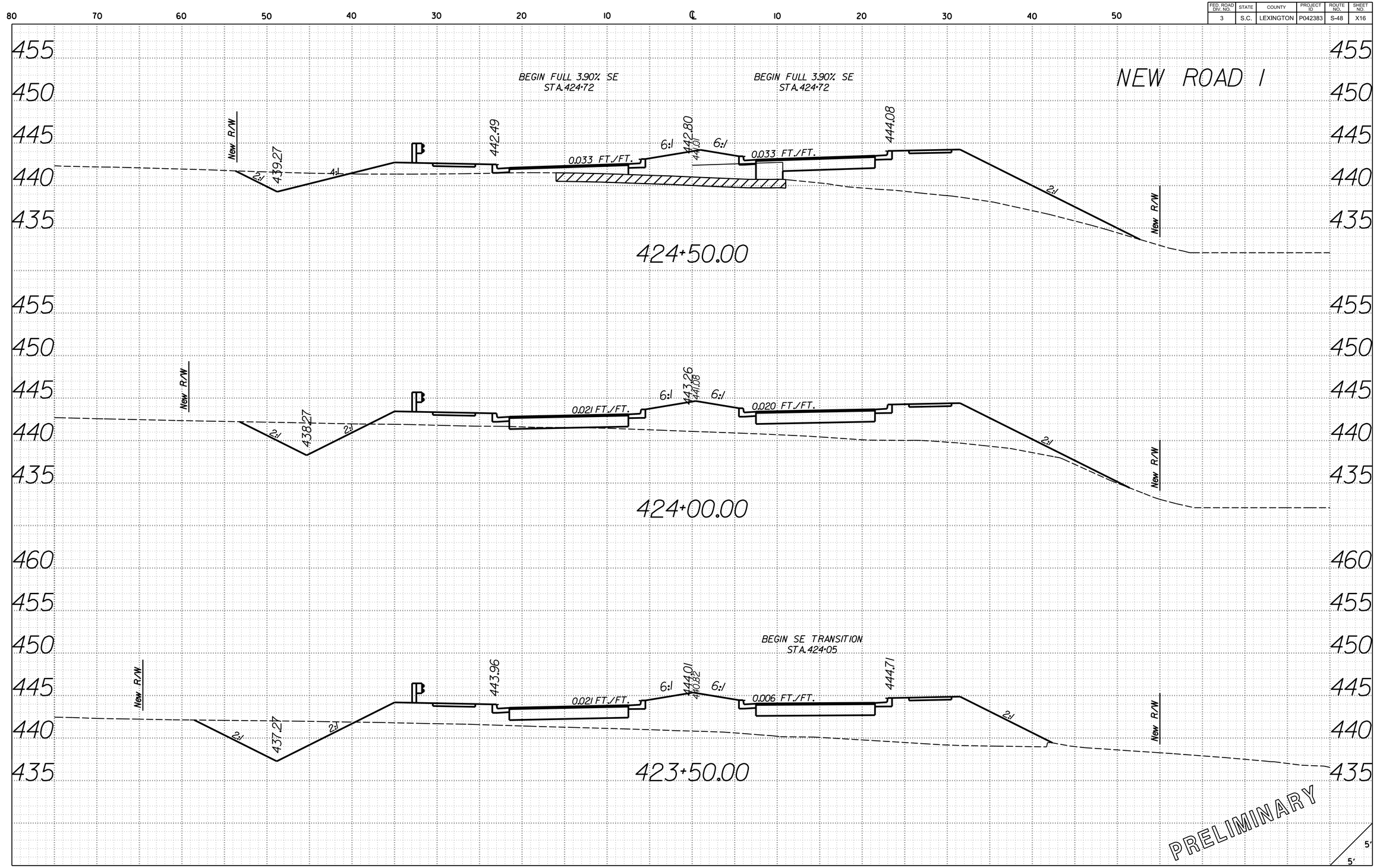

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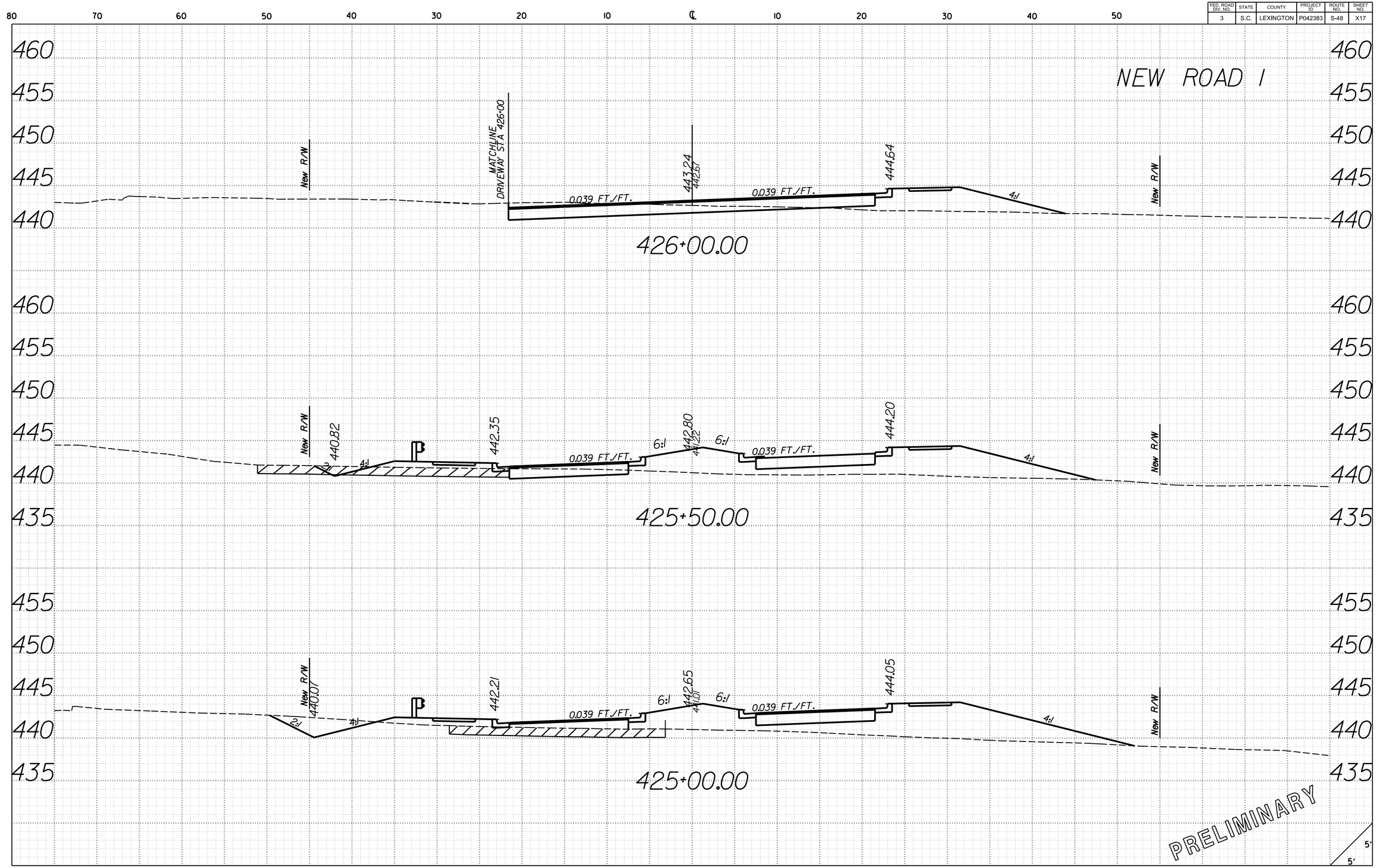

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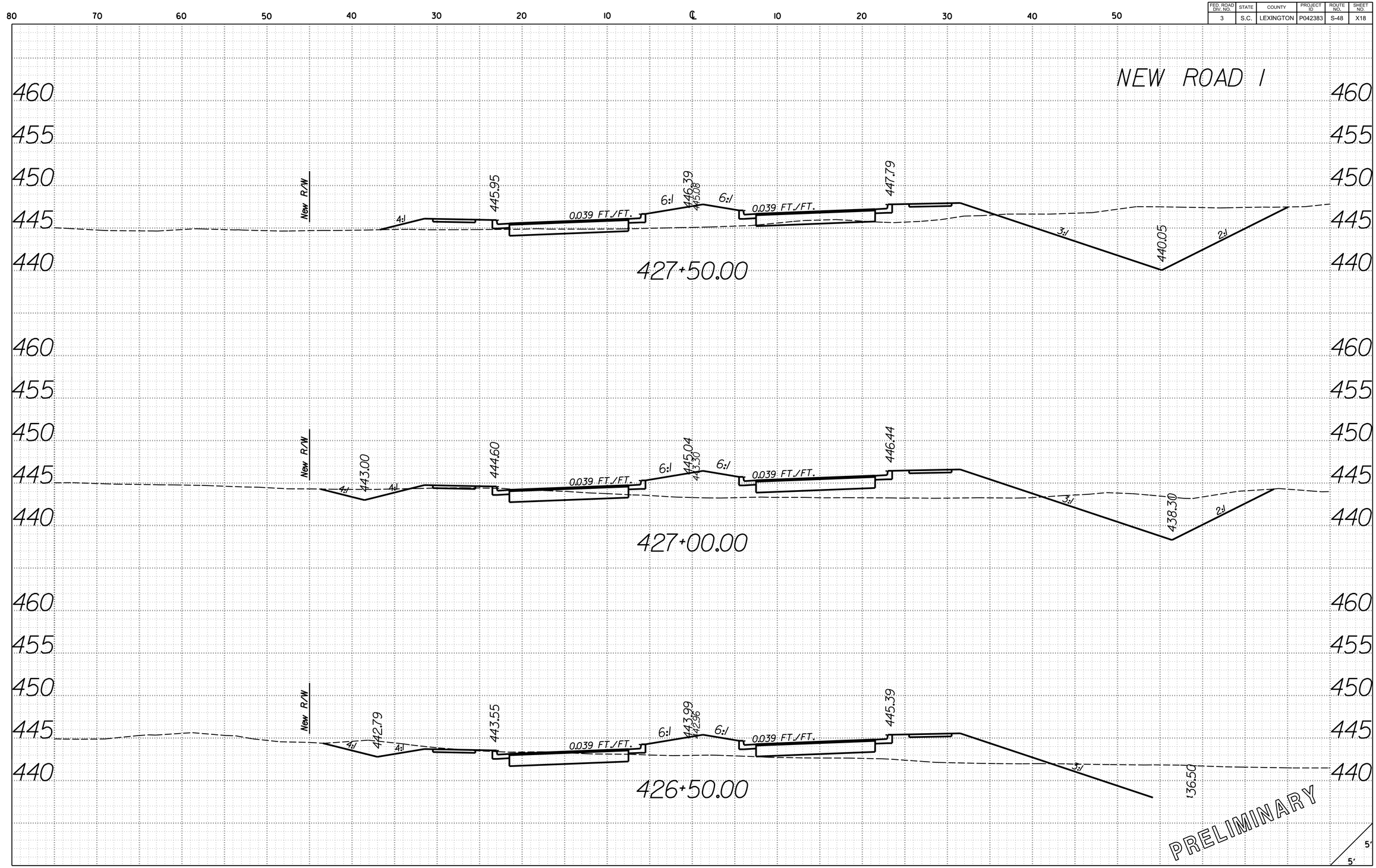

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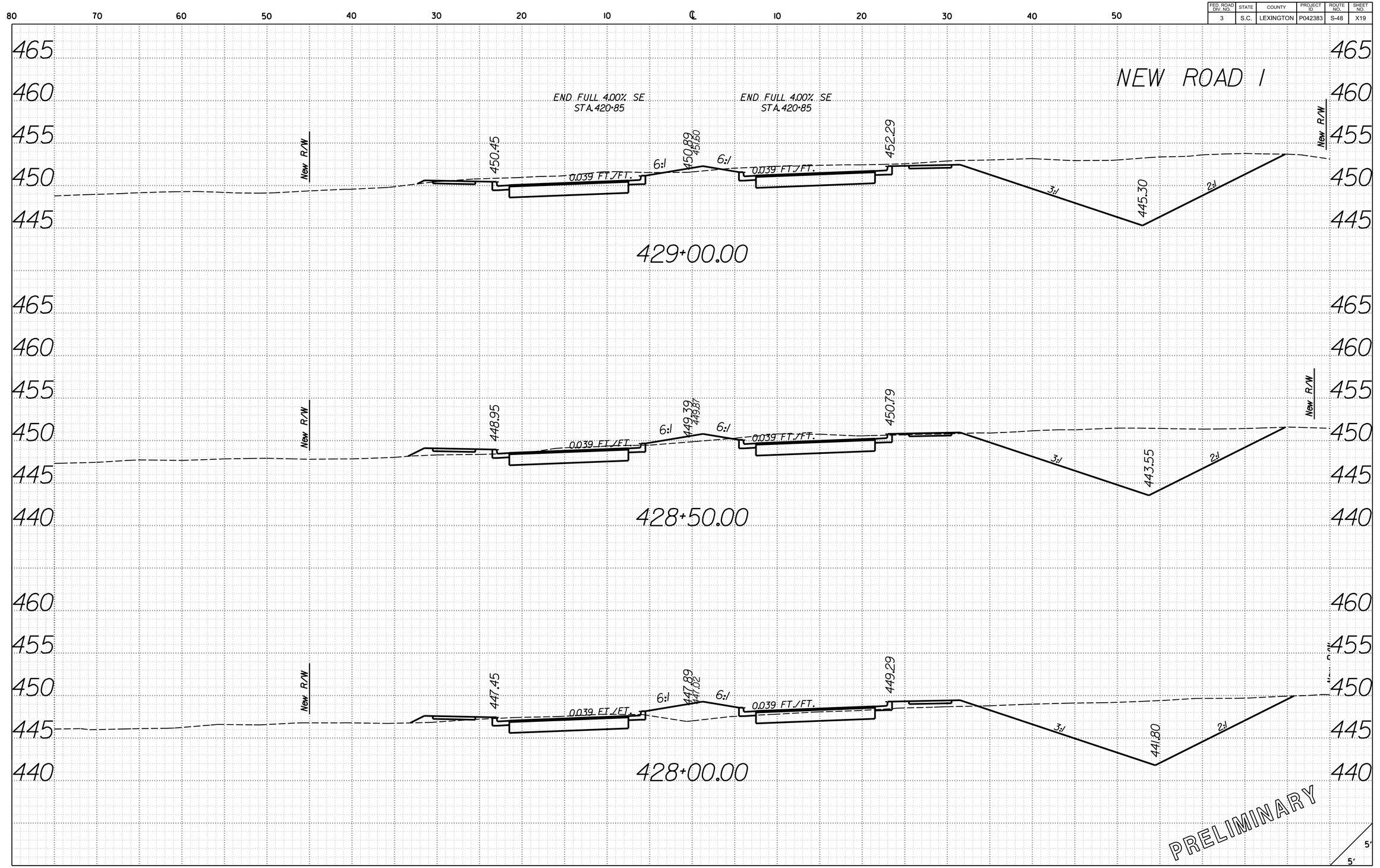

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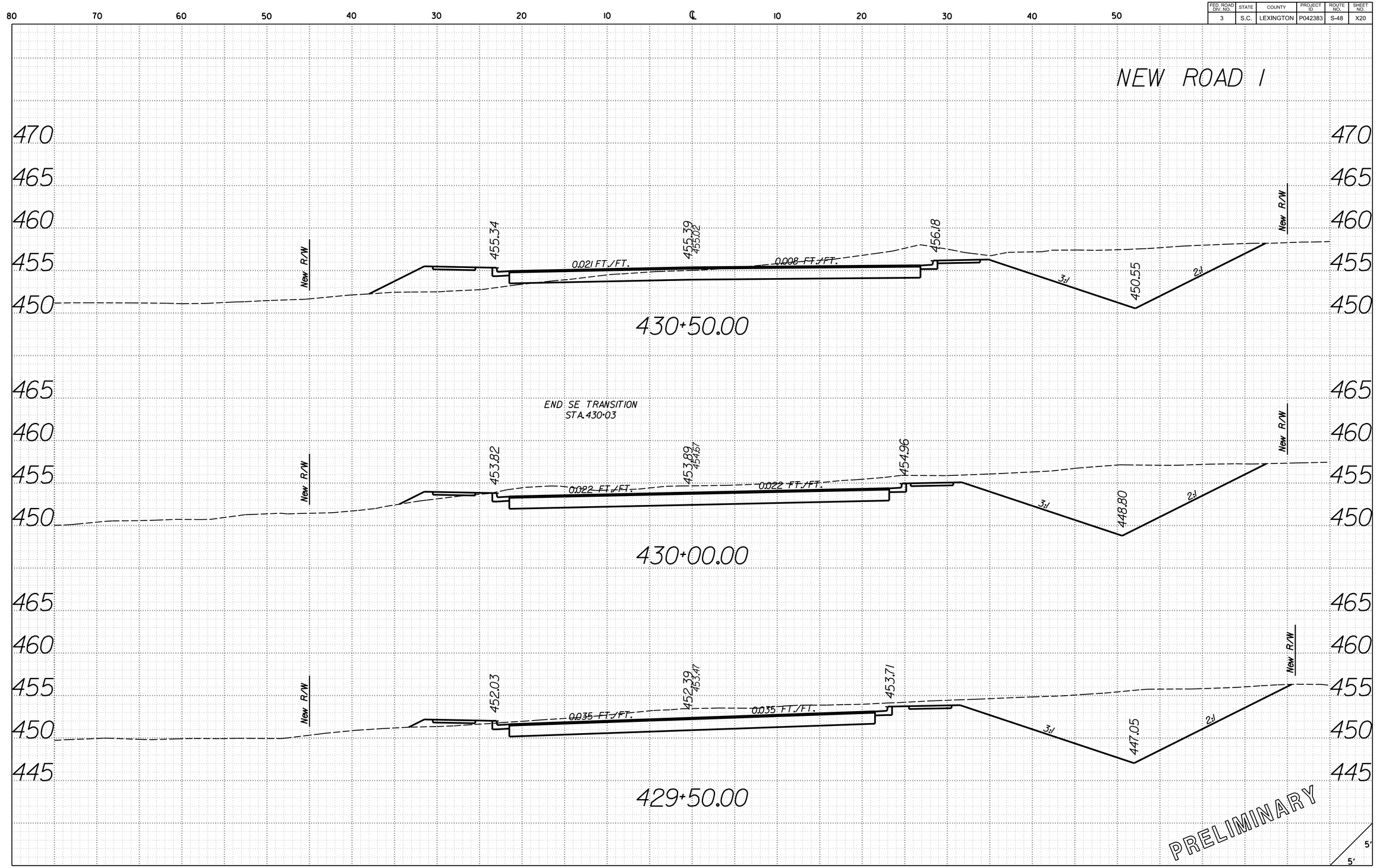

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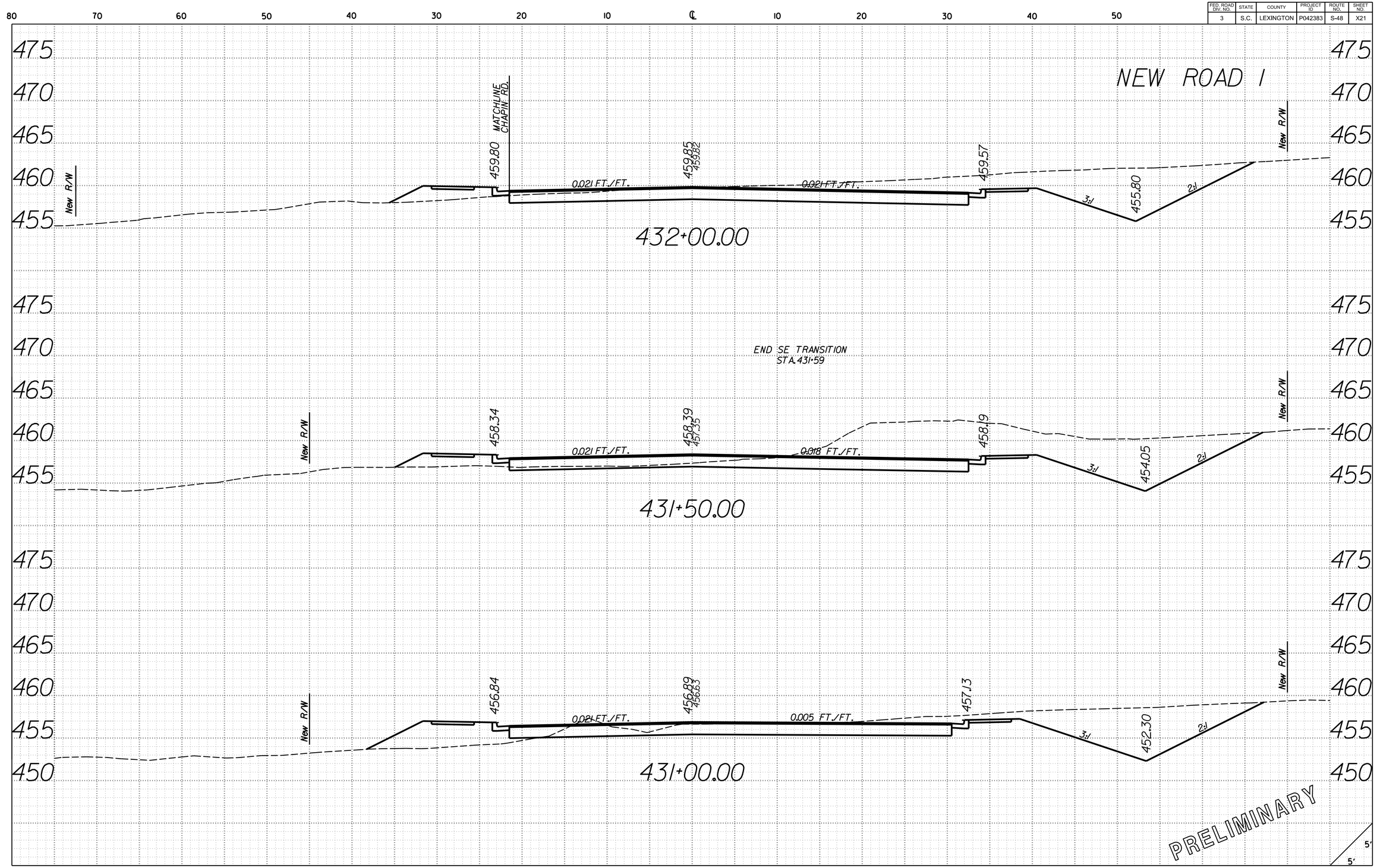

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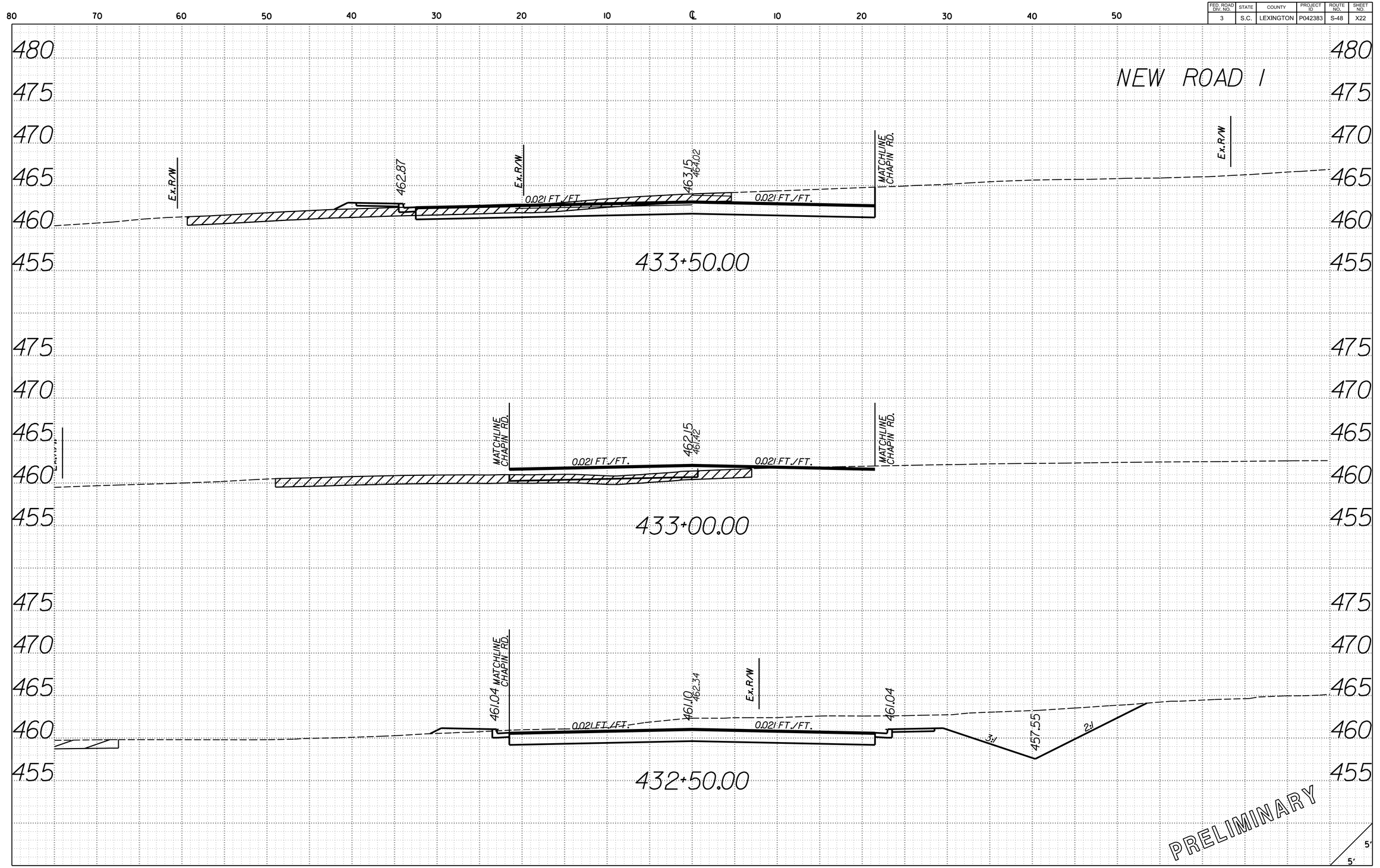

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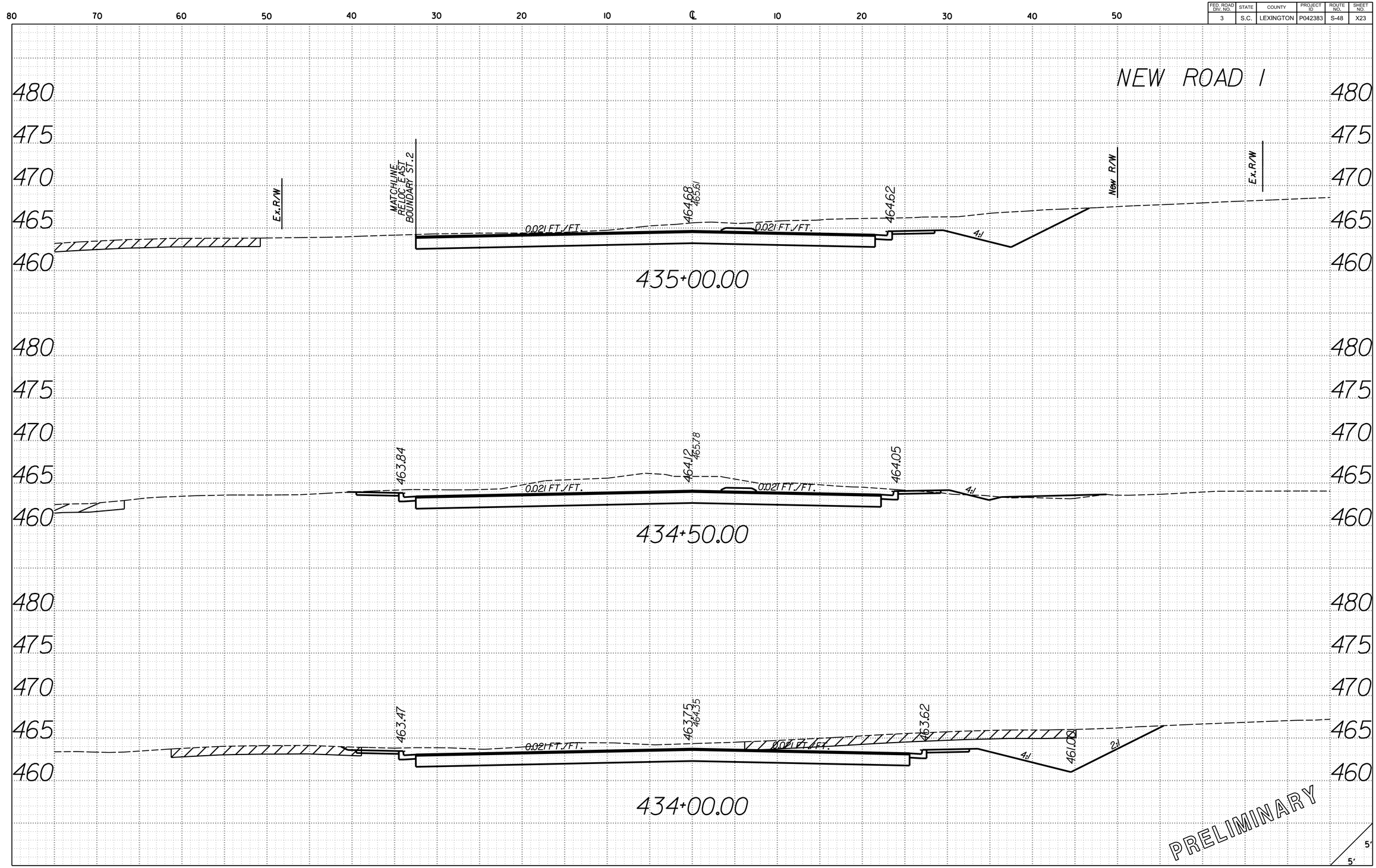

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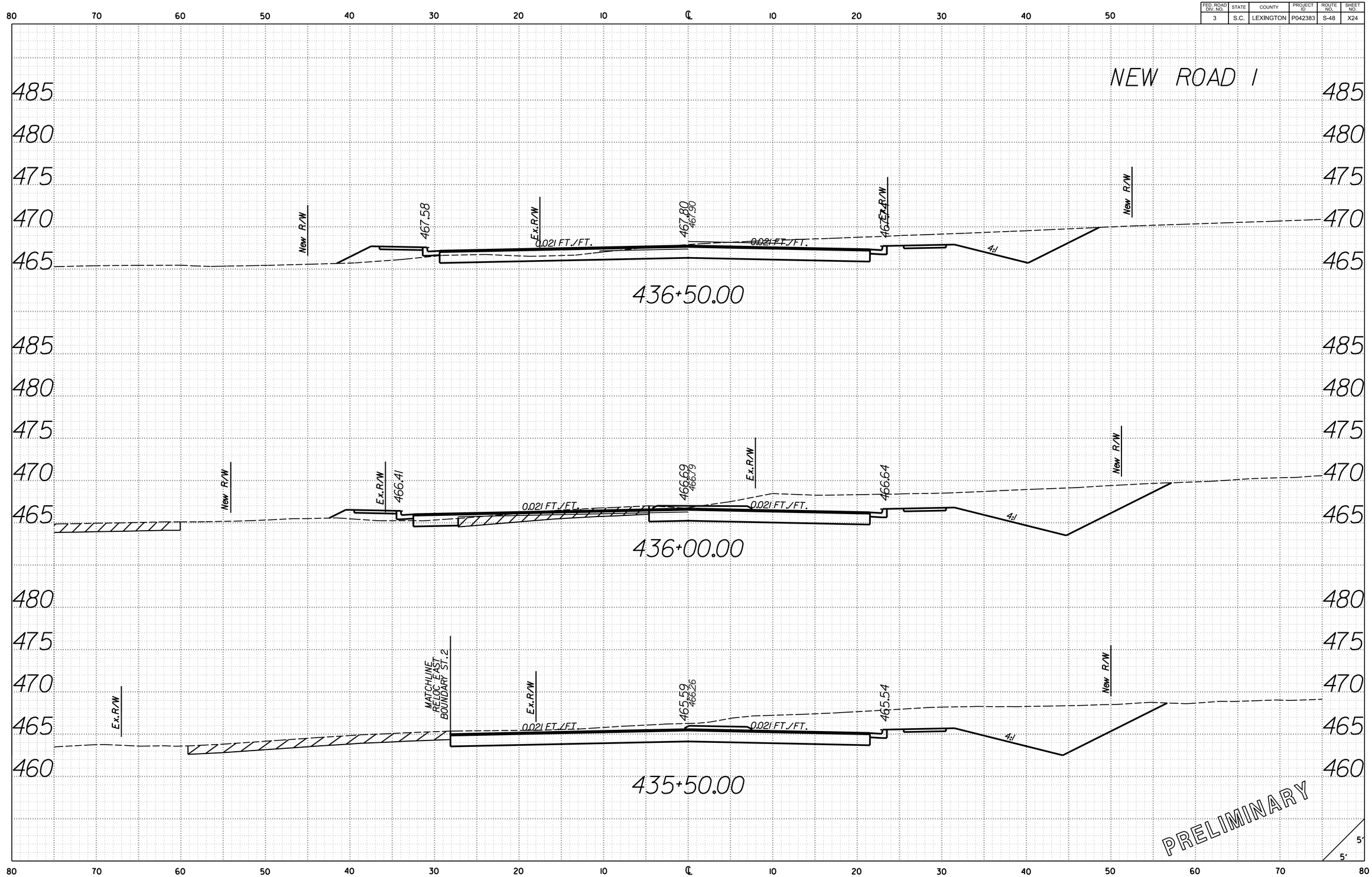

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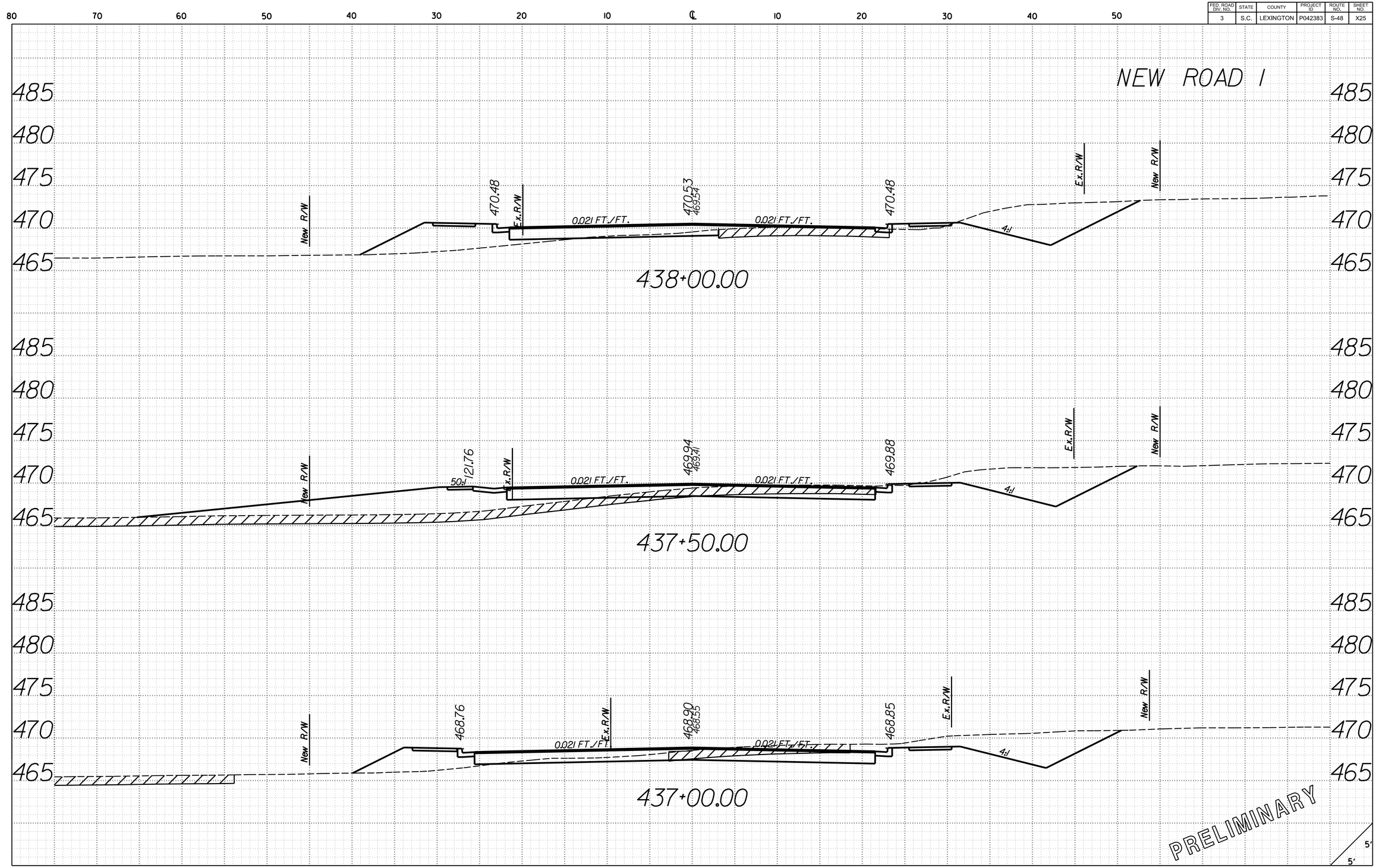
3	S.C.	LEXINGTON	P042383	S-48	X25



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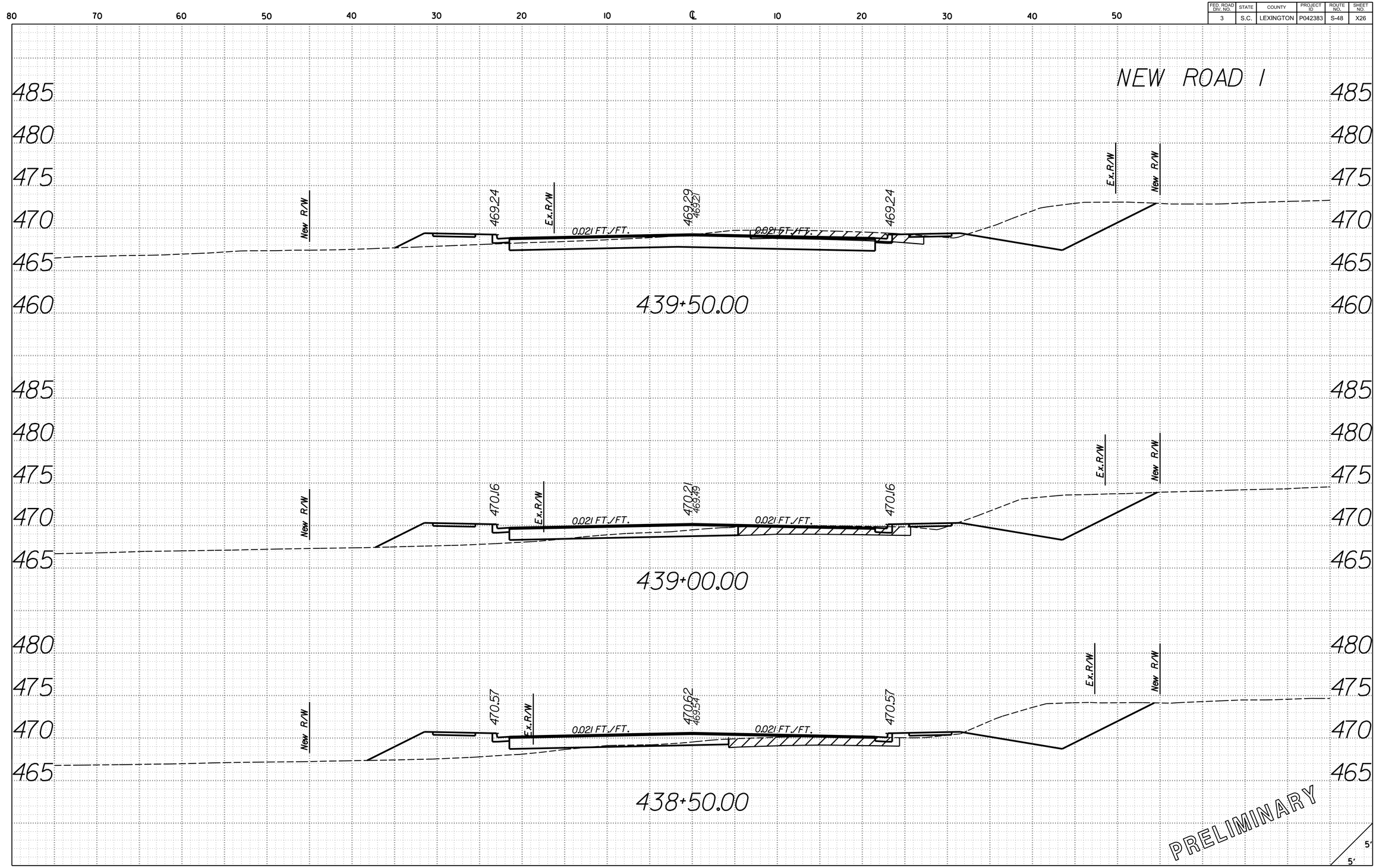

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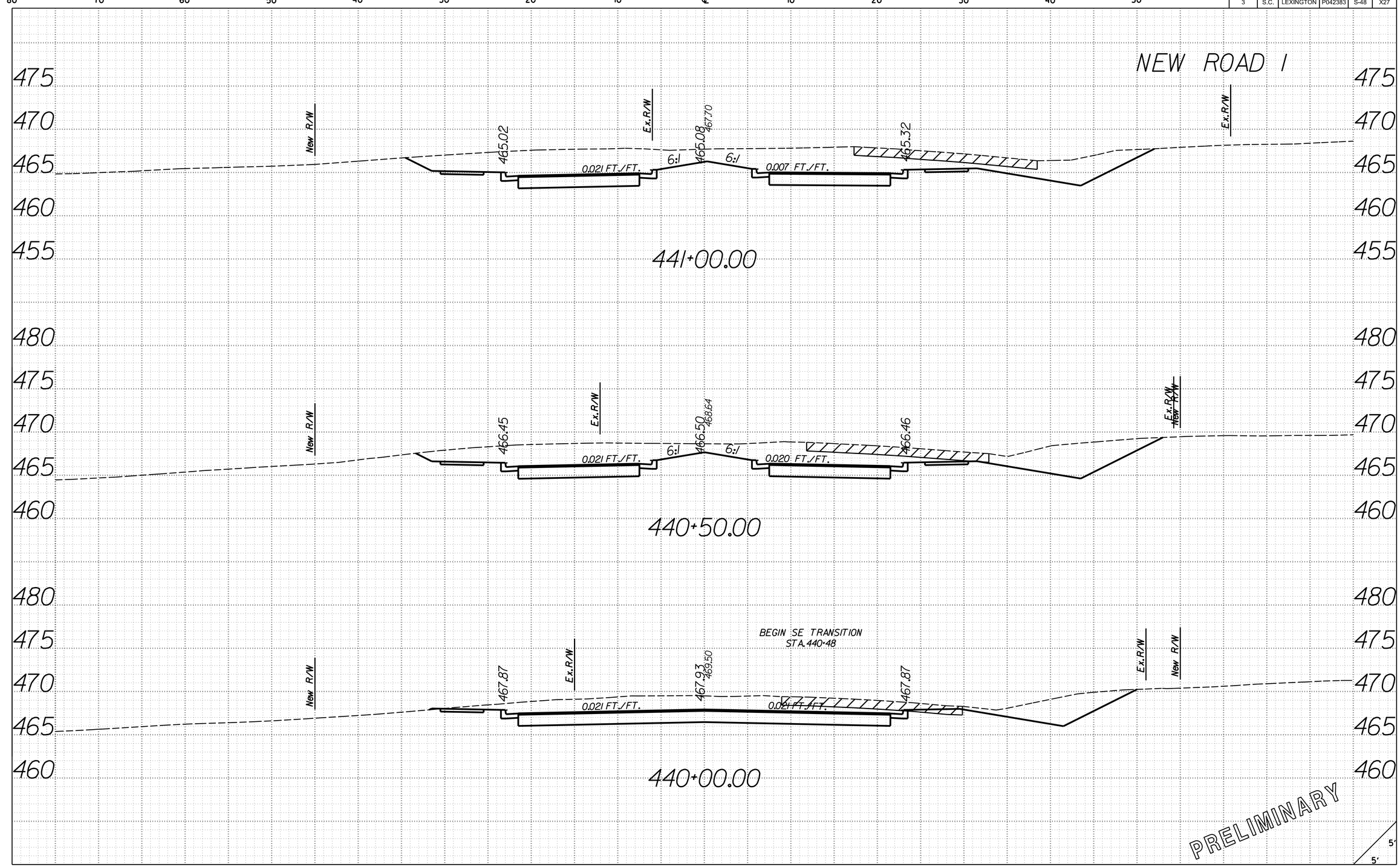
3	S.C.	LEXINGTON	P042383	S-48	X27



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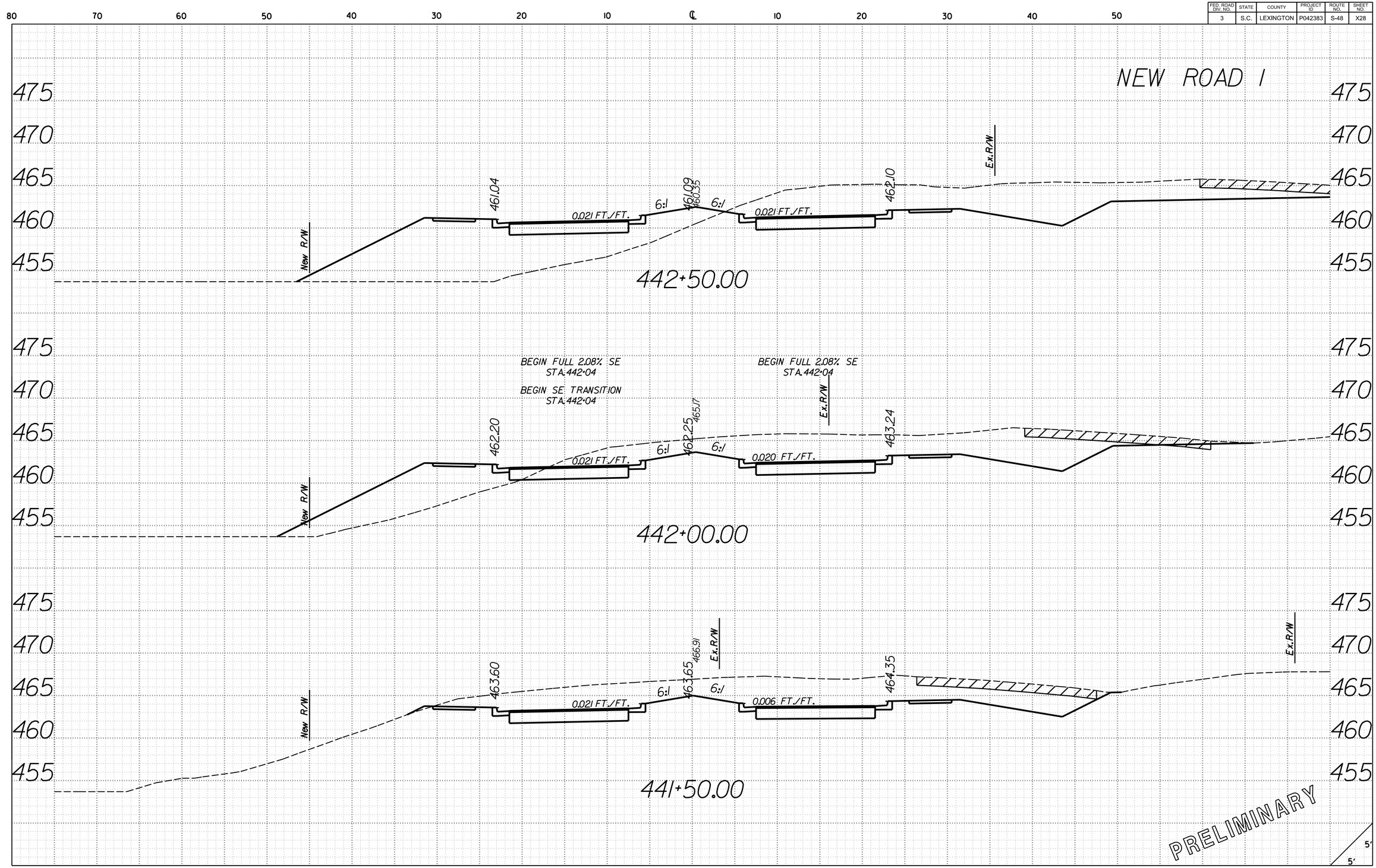

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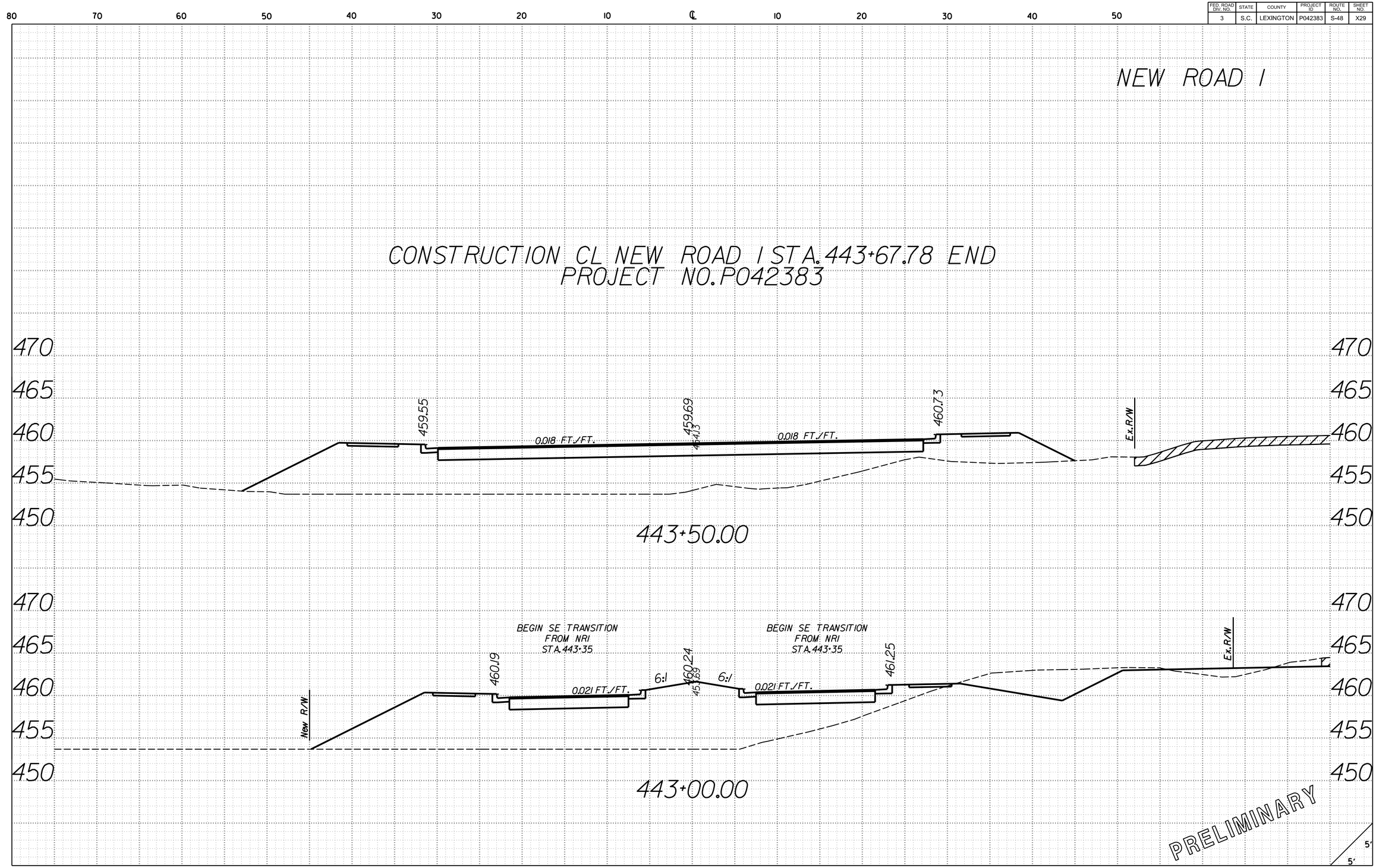

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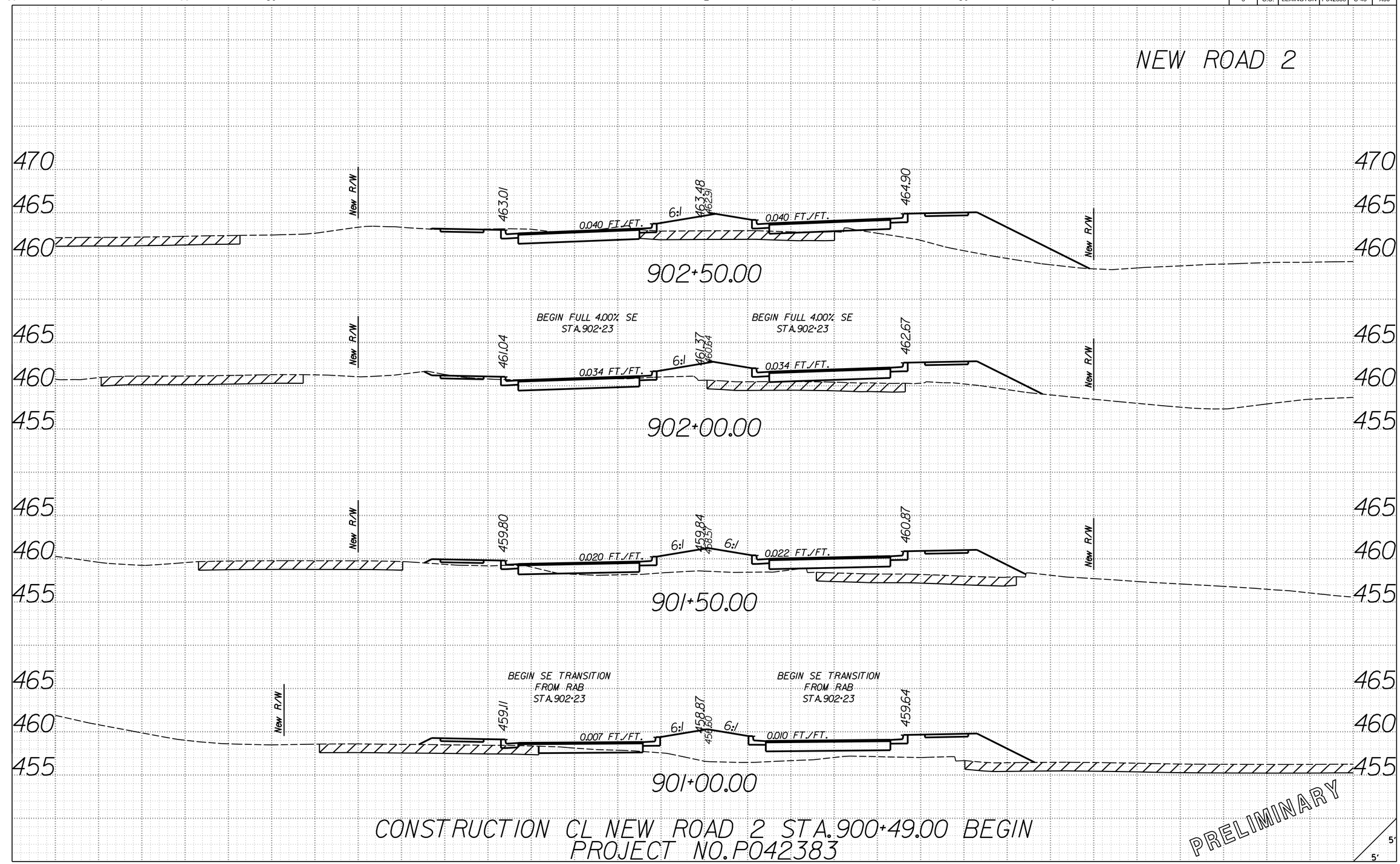

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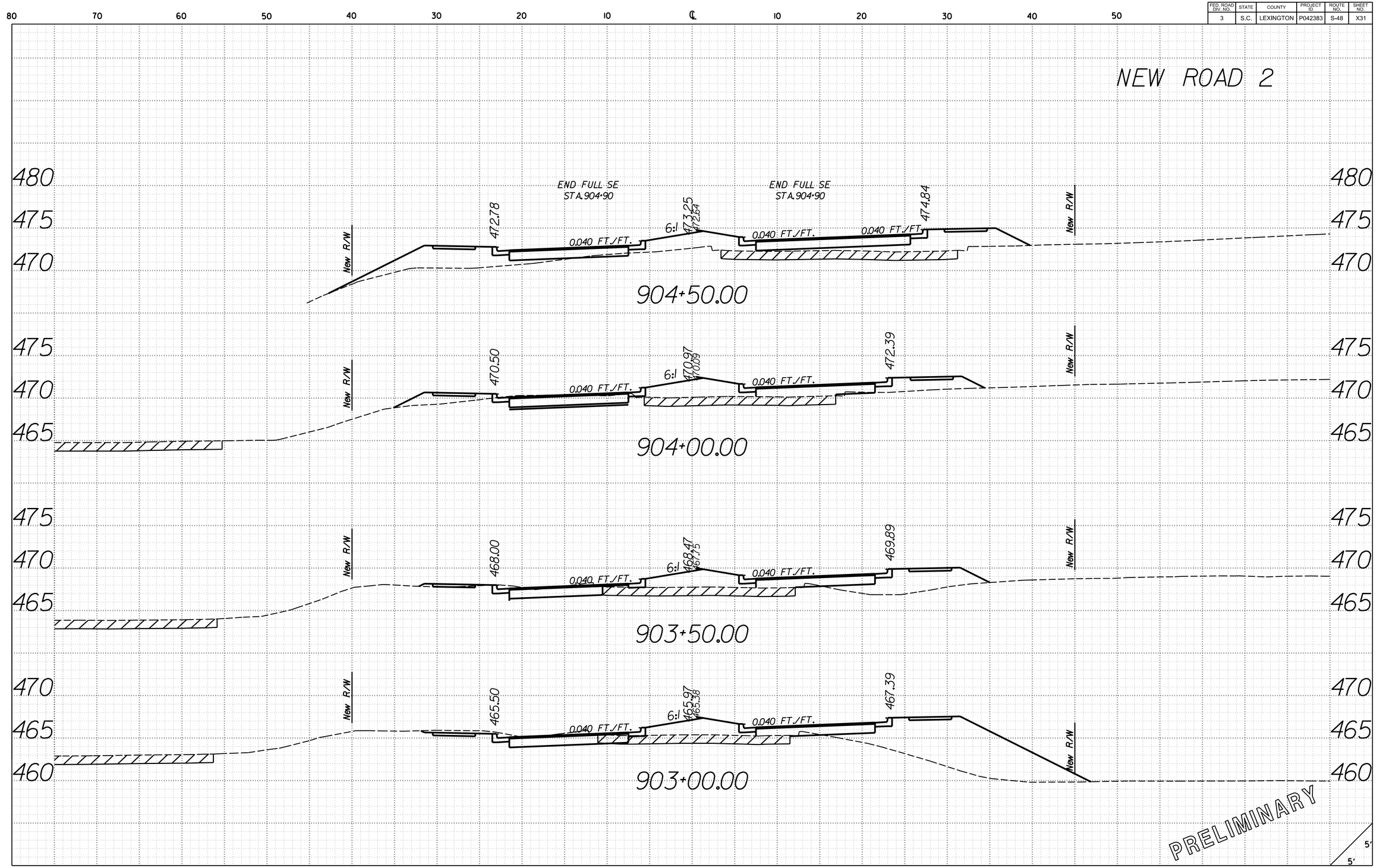

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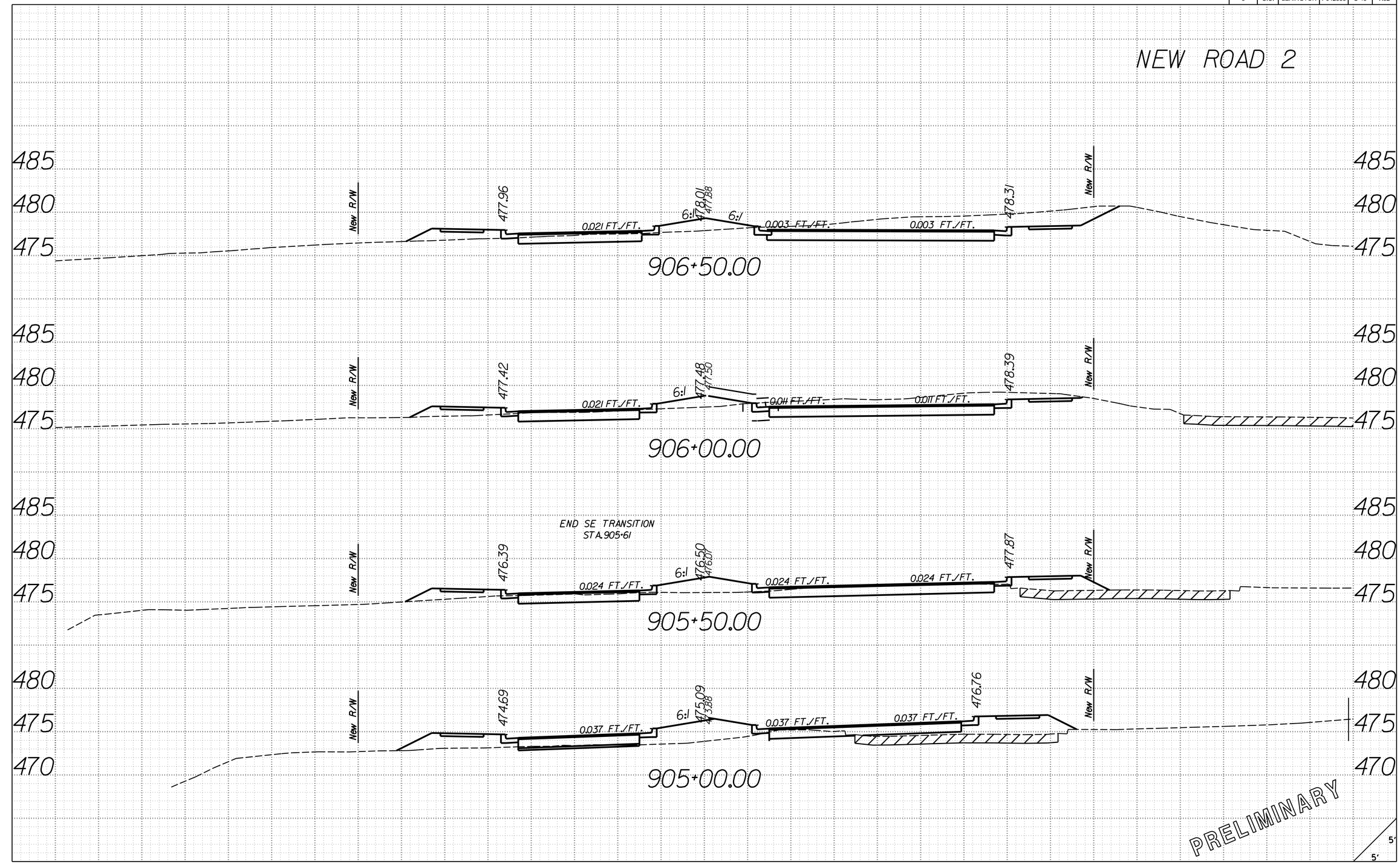
3	S.C.	LEXINGTON	P042383	S-48	X32



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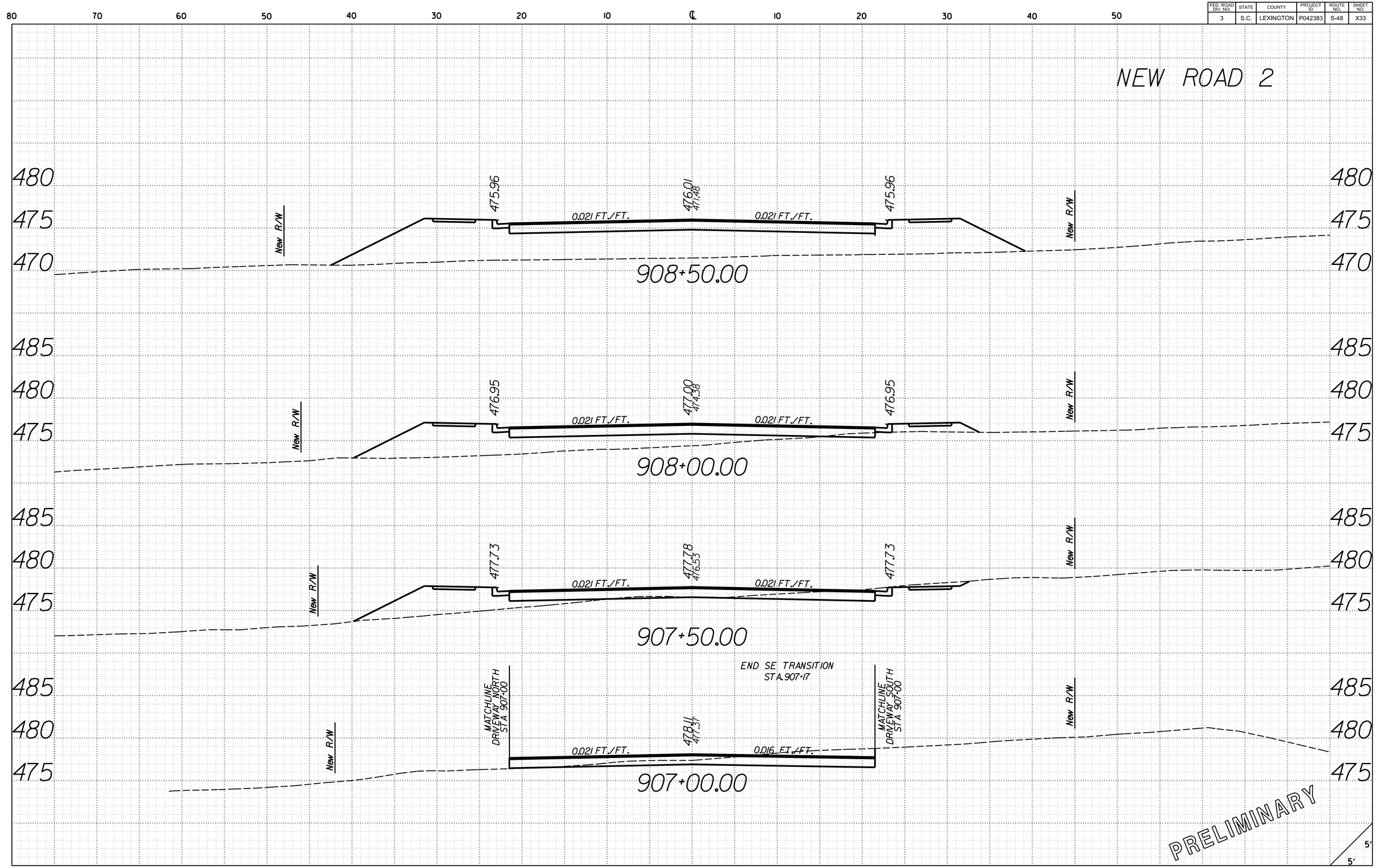
3	S.C.	LEXINGTON	P042383	S-48	X33



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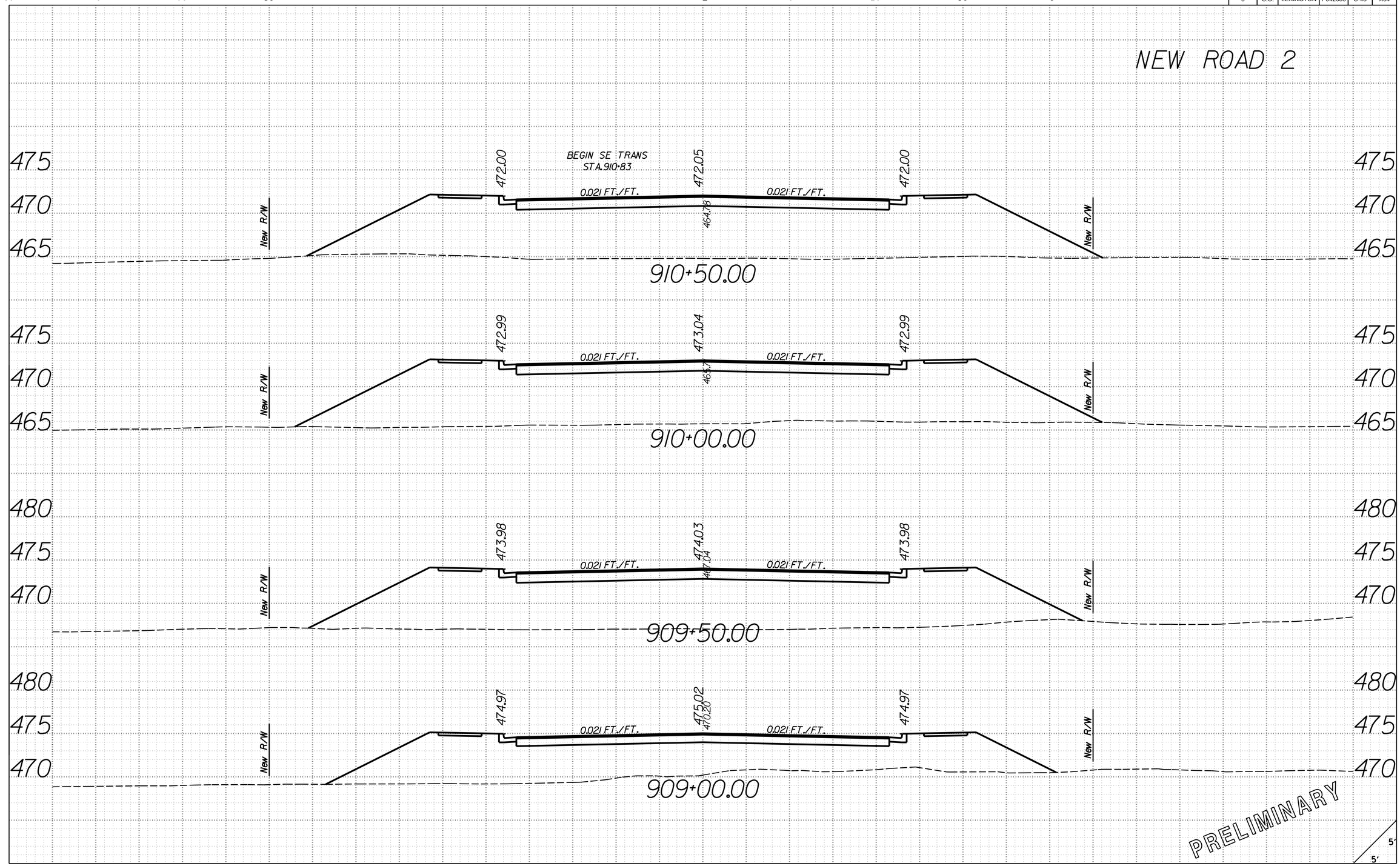

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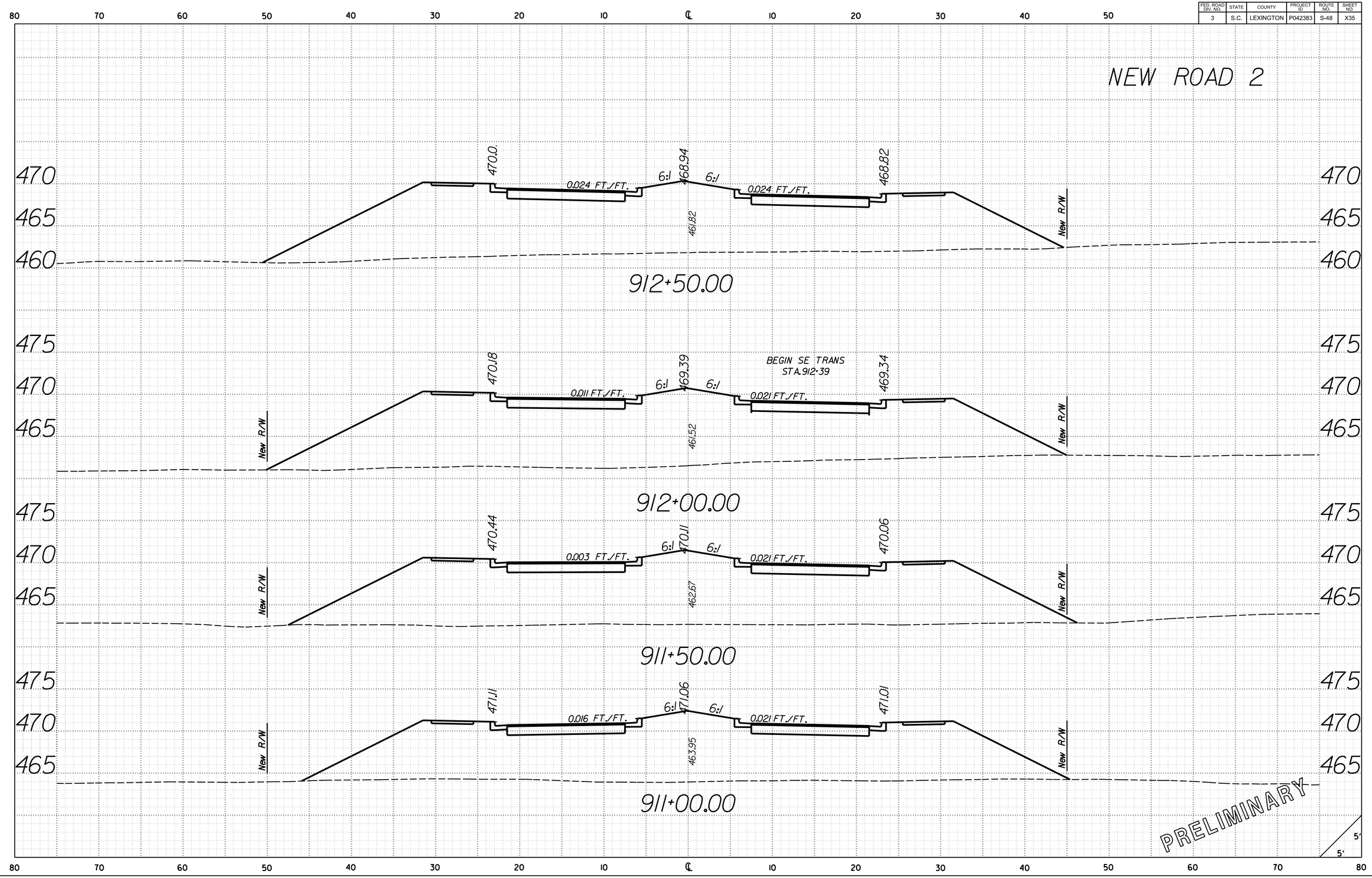

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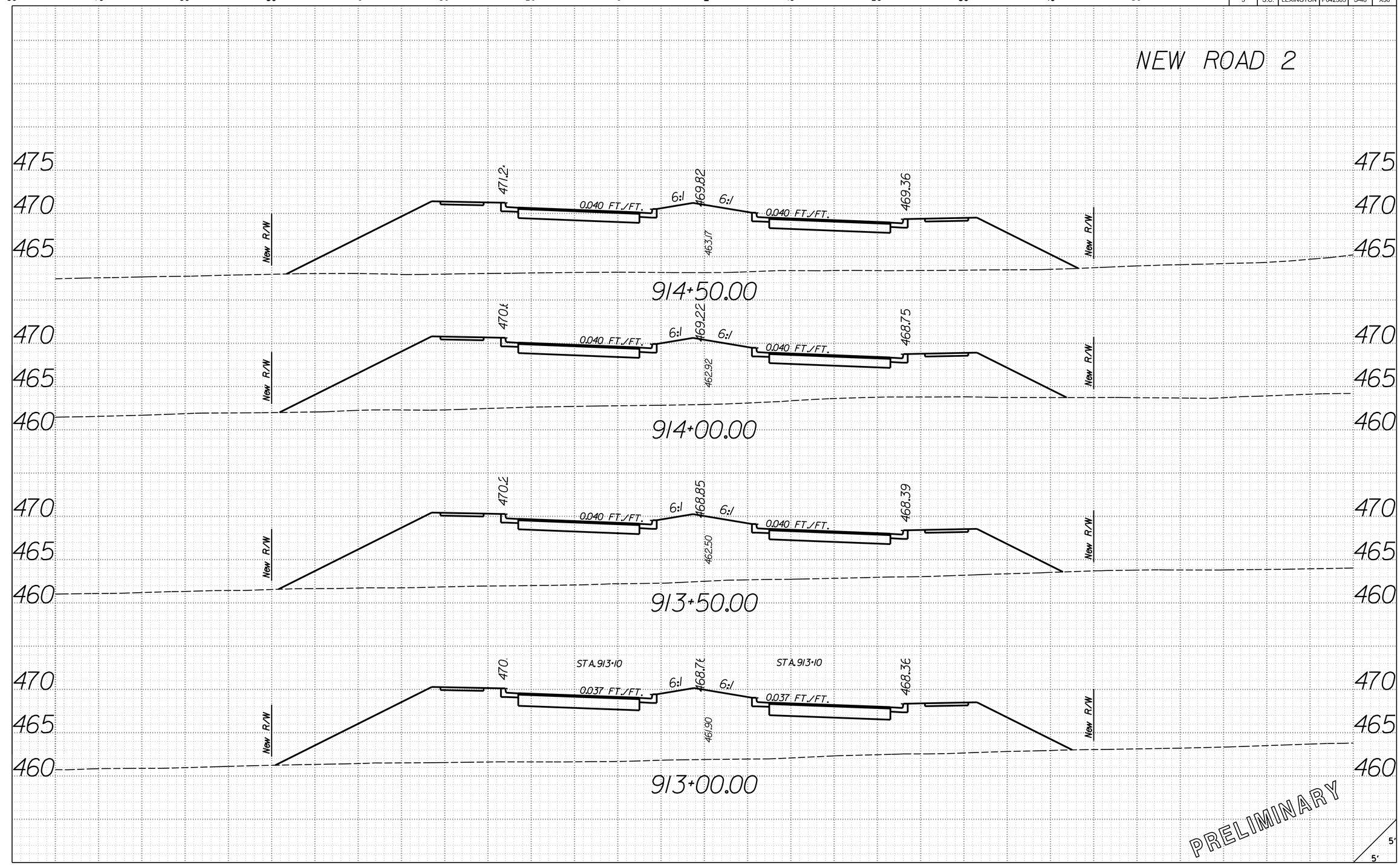
3	S.C.	LEXINGTON	P042383	S-48	X36



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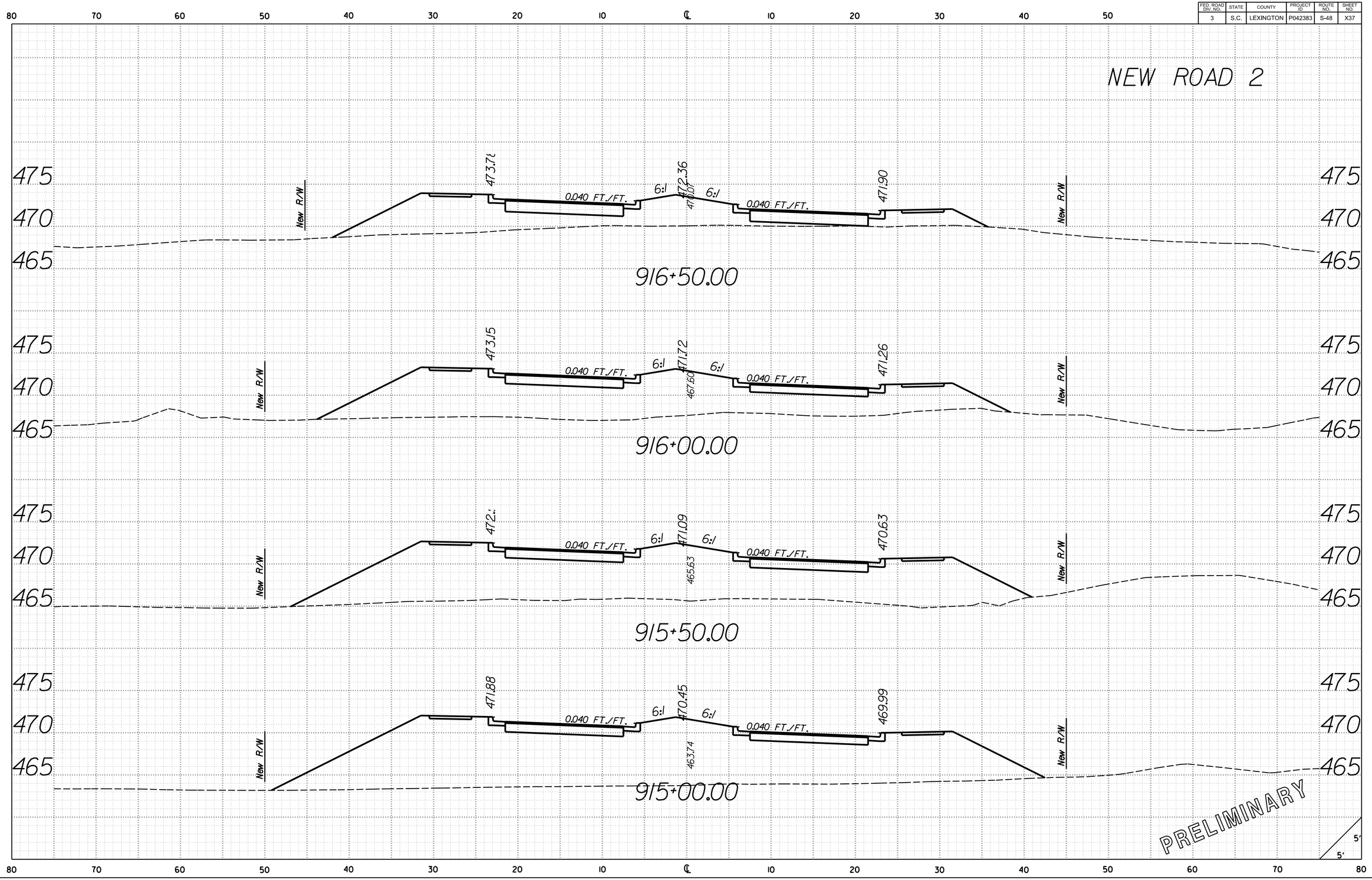

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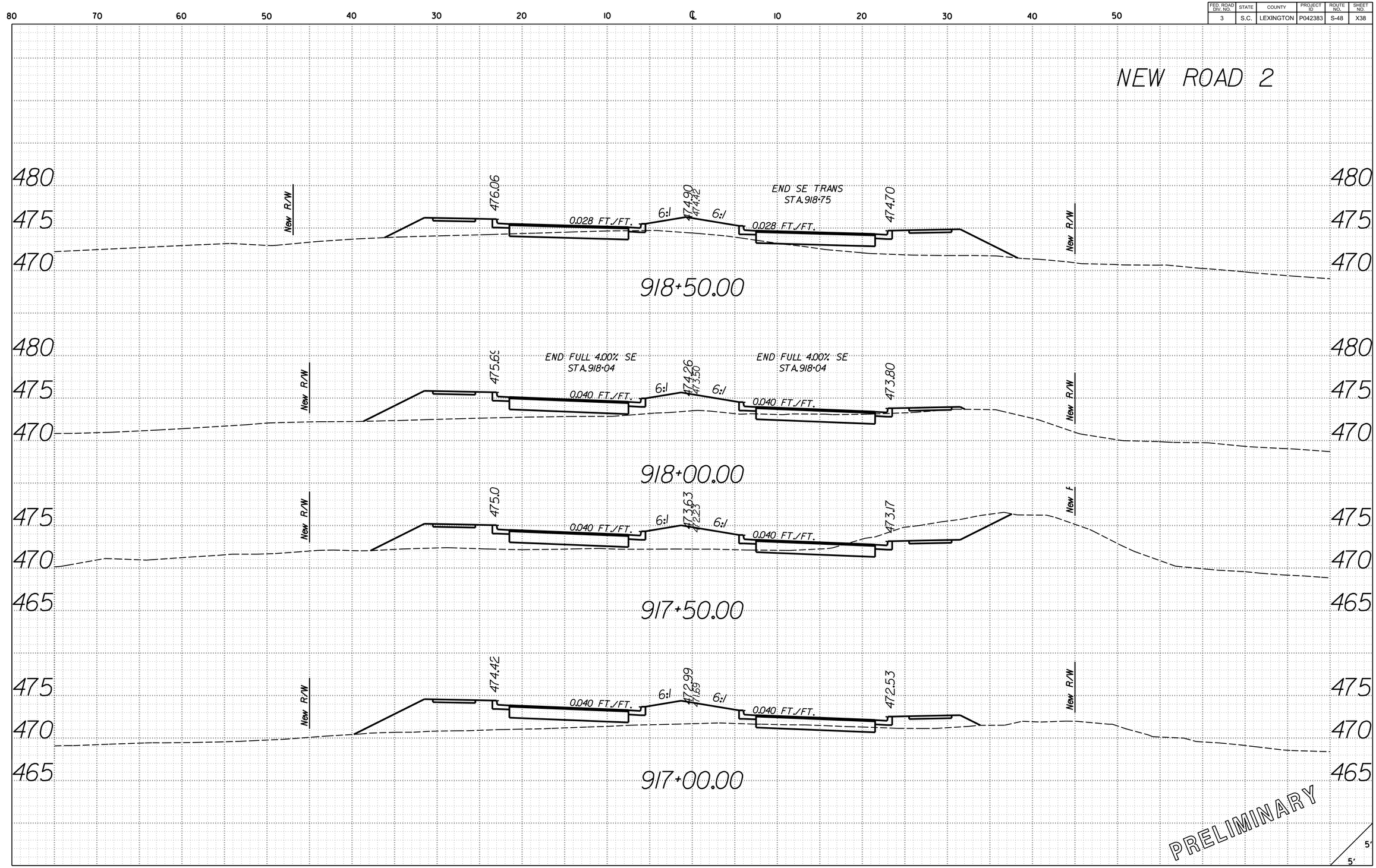

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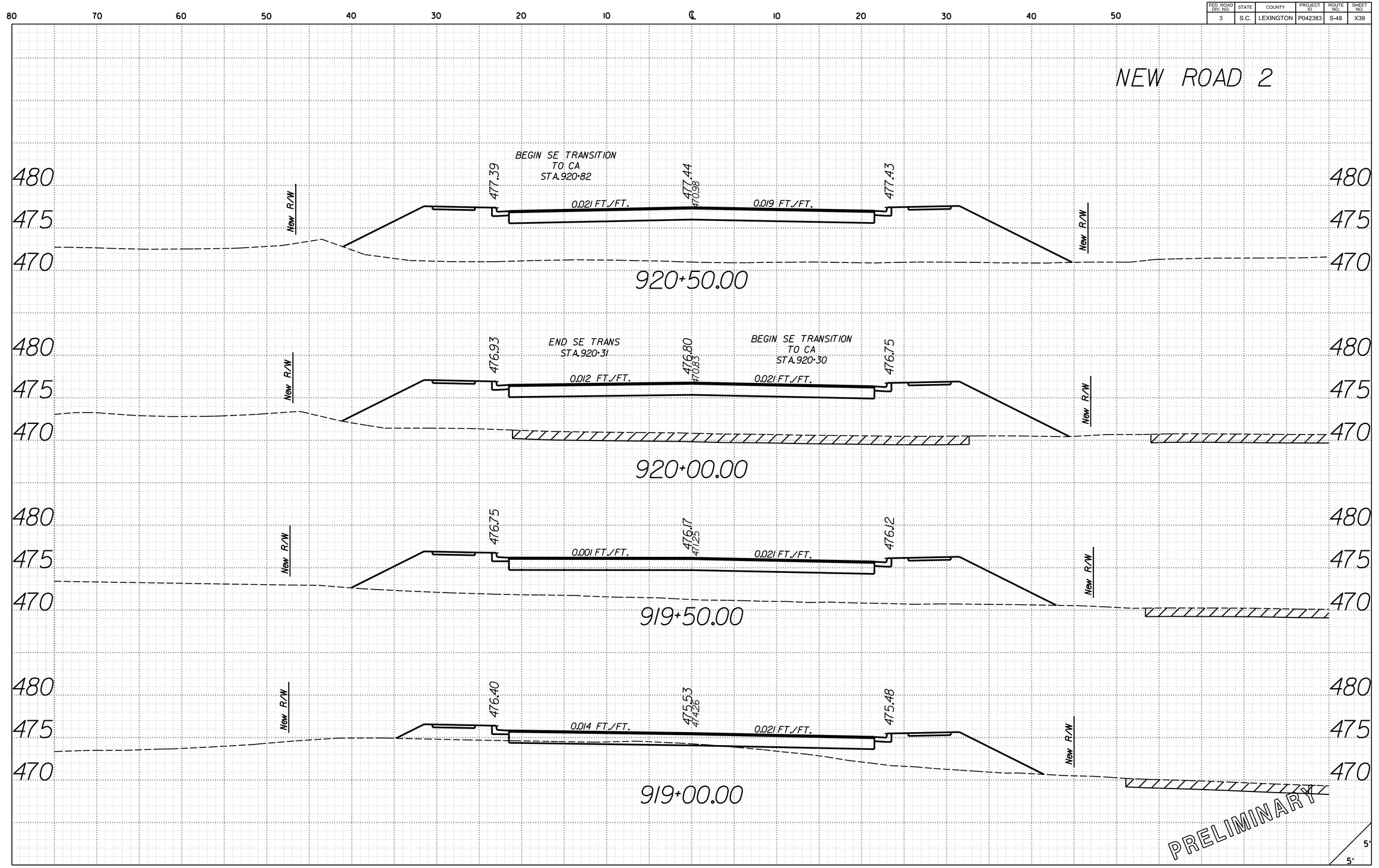

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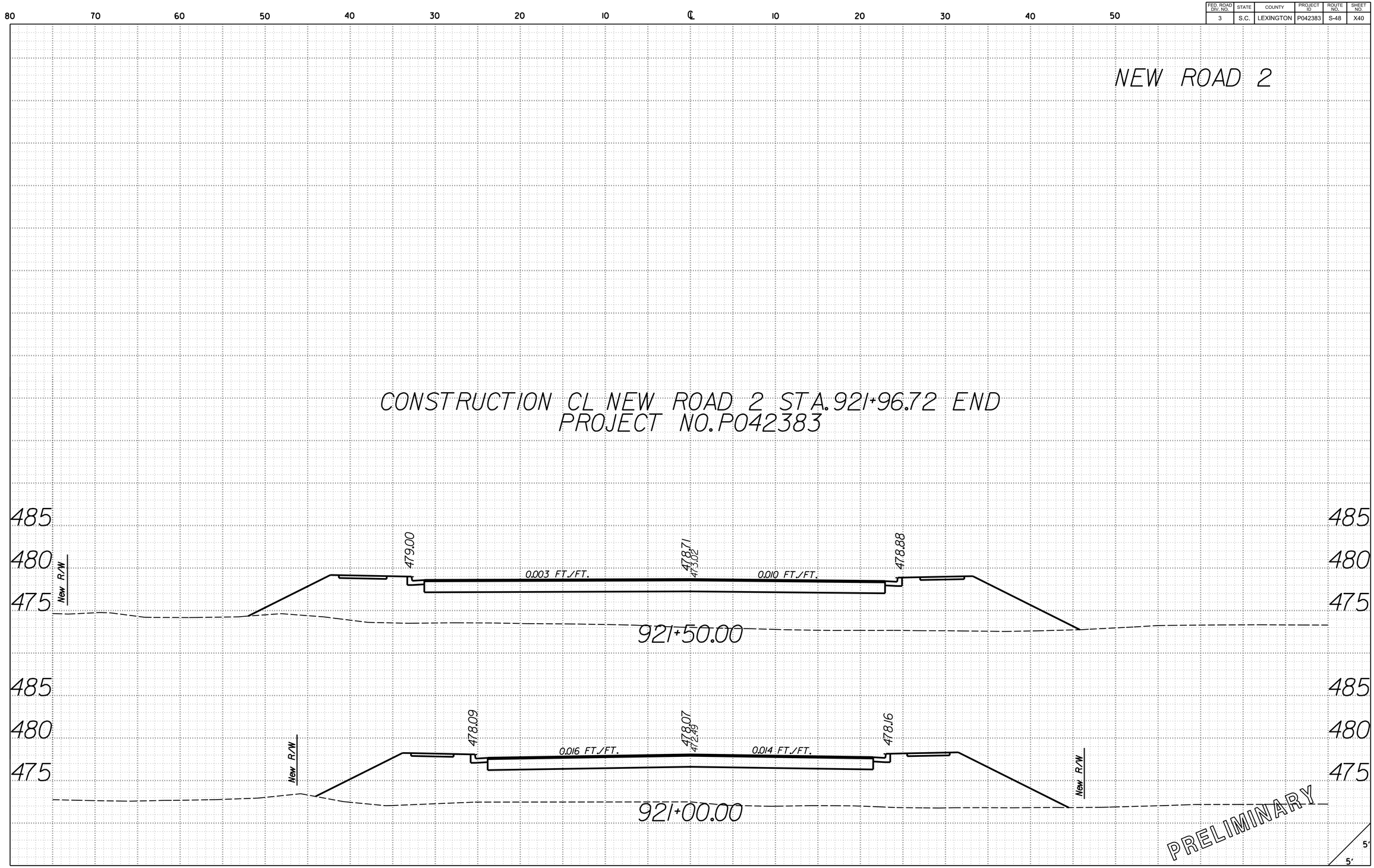

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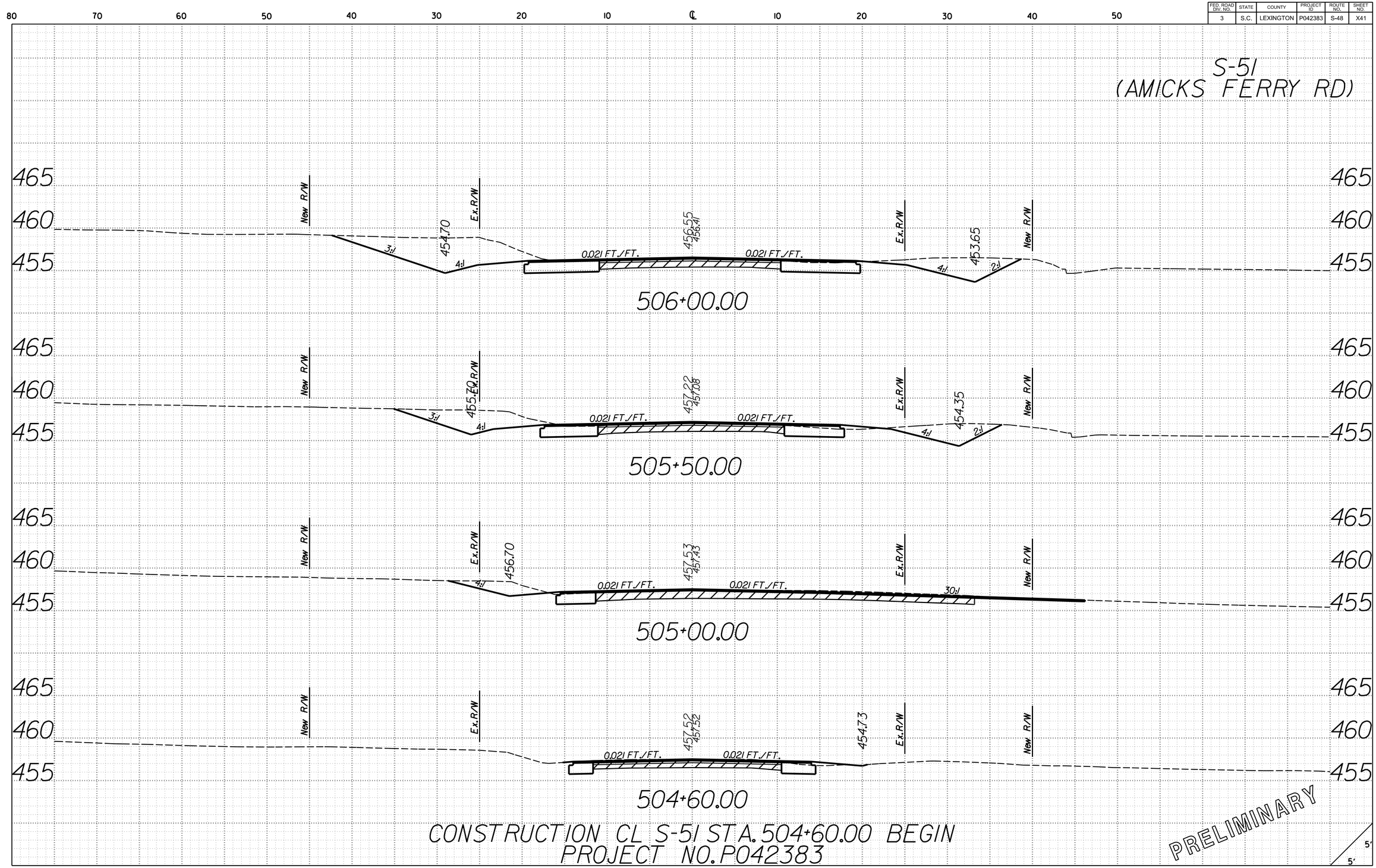

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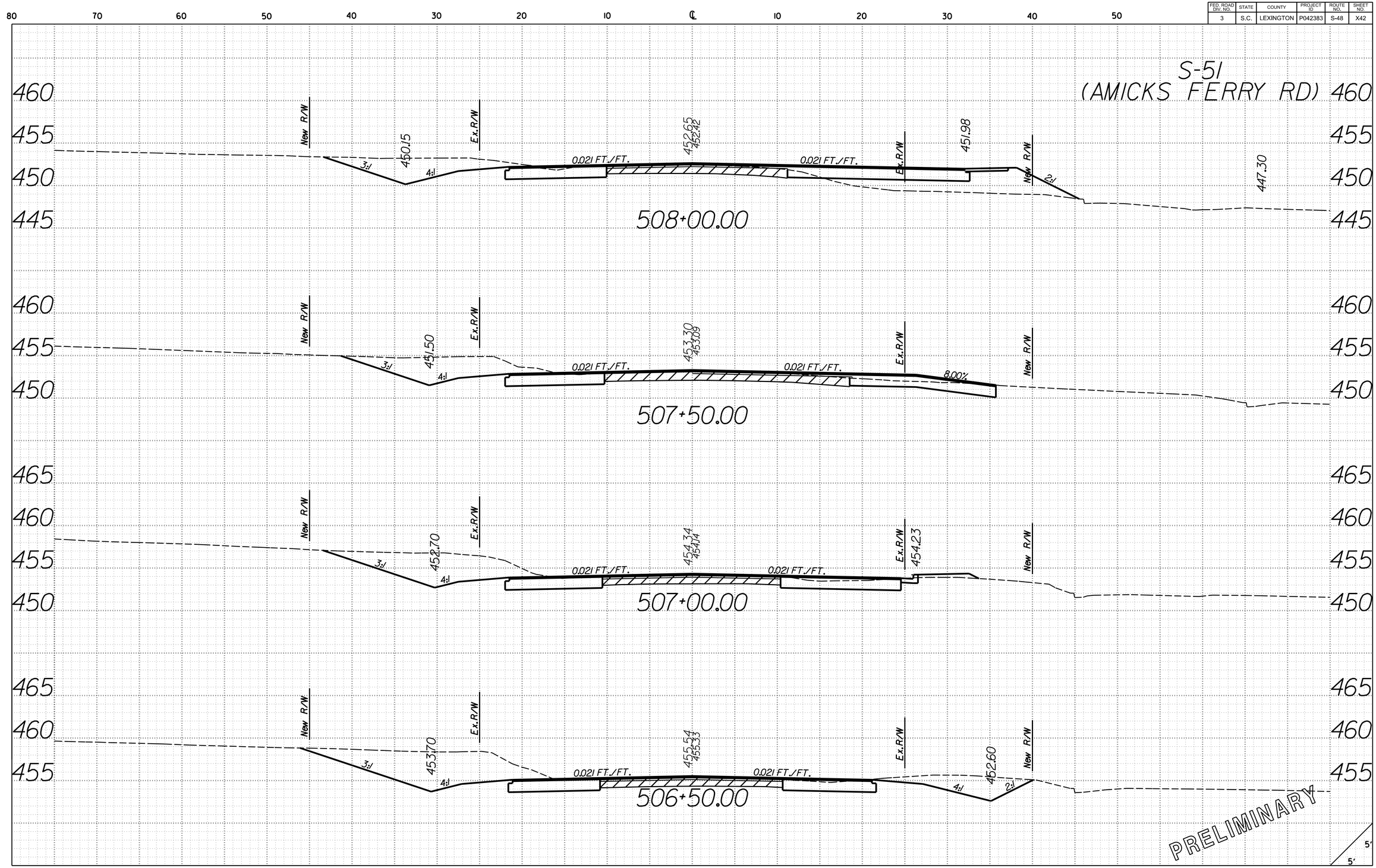

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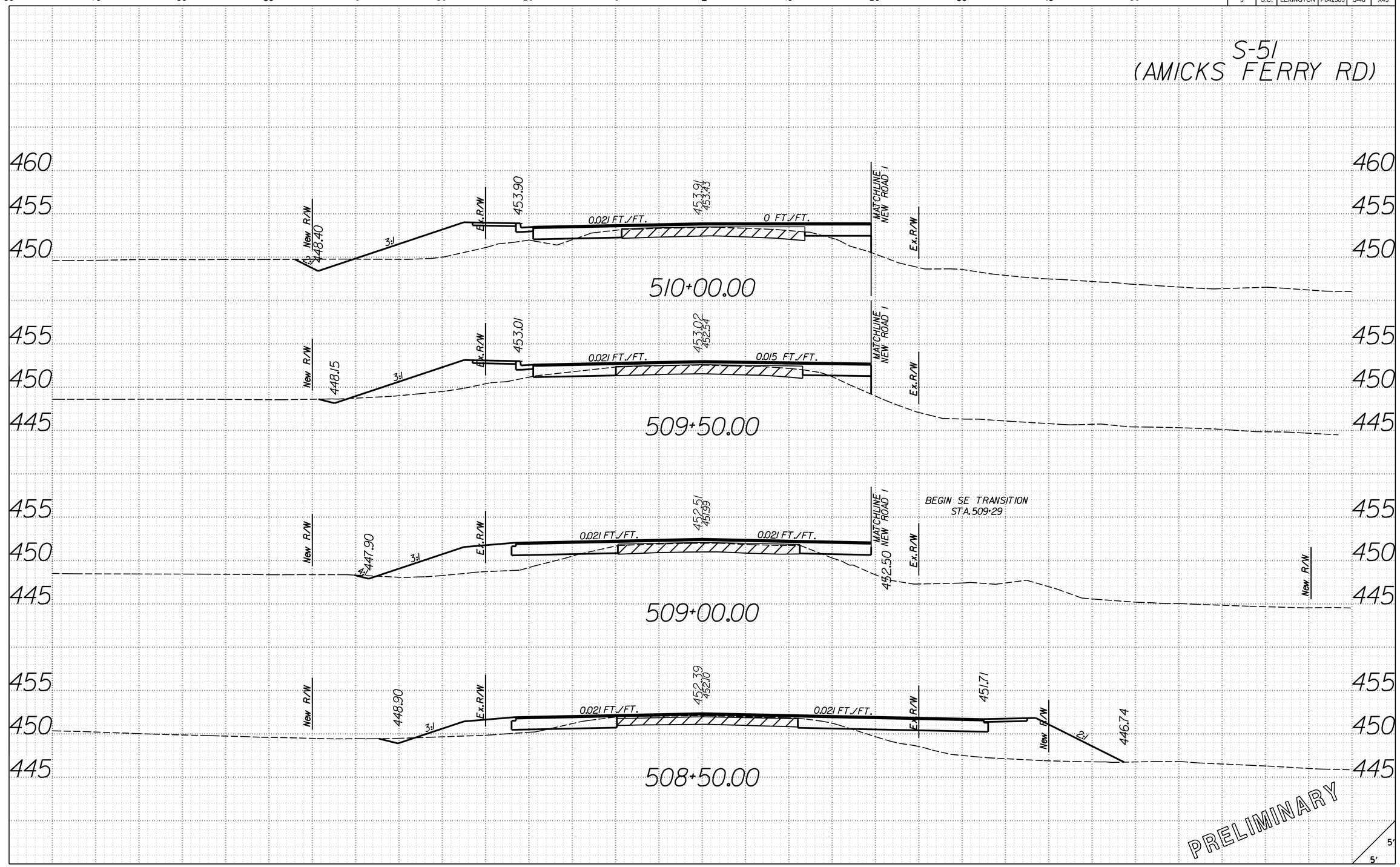

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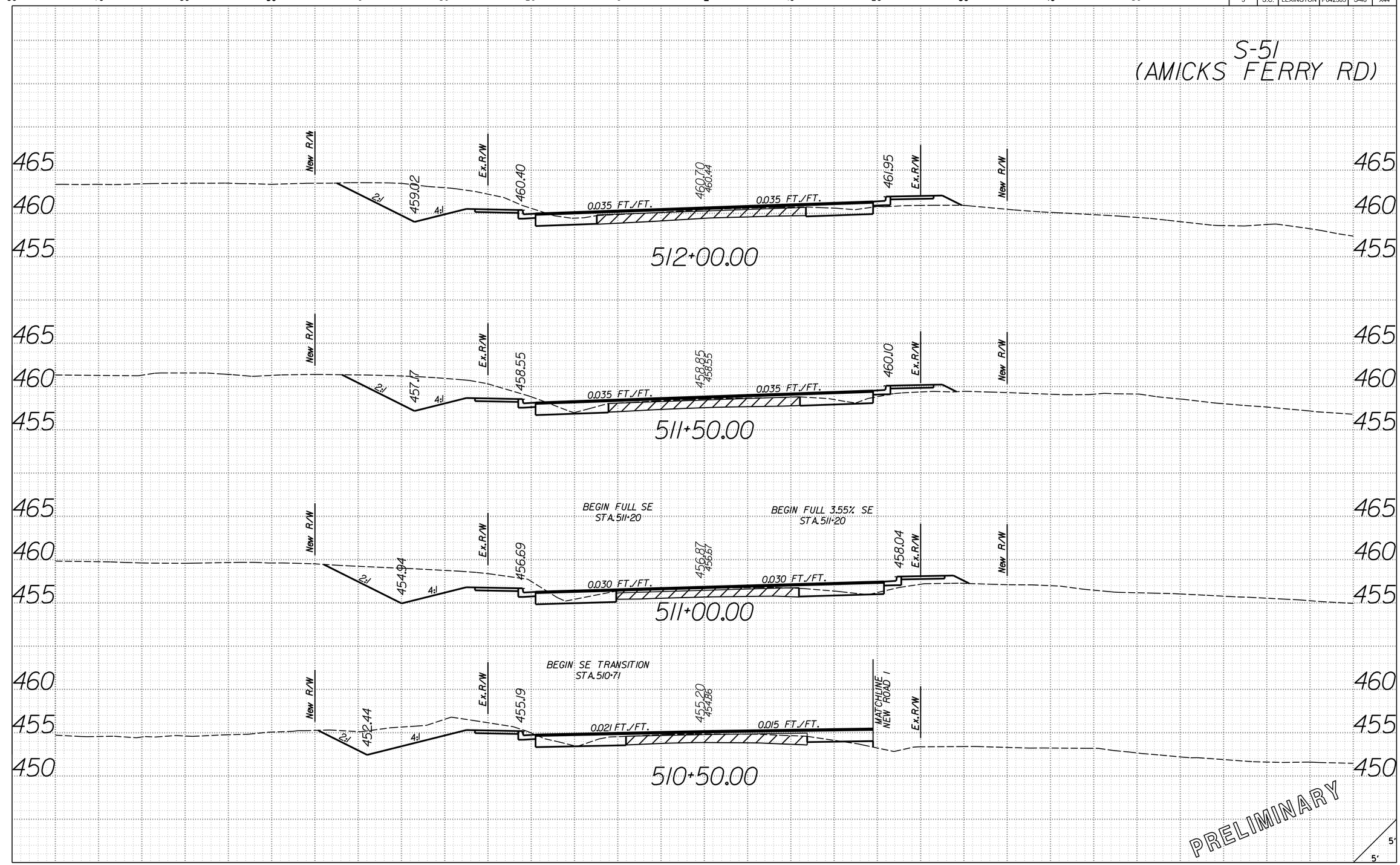

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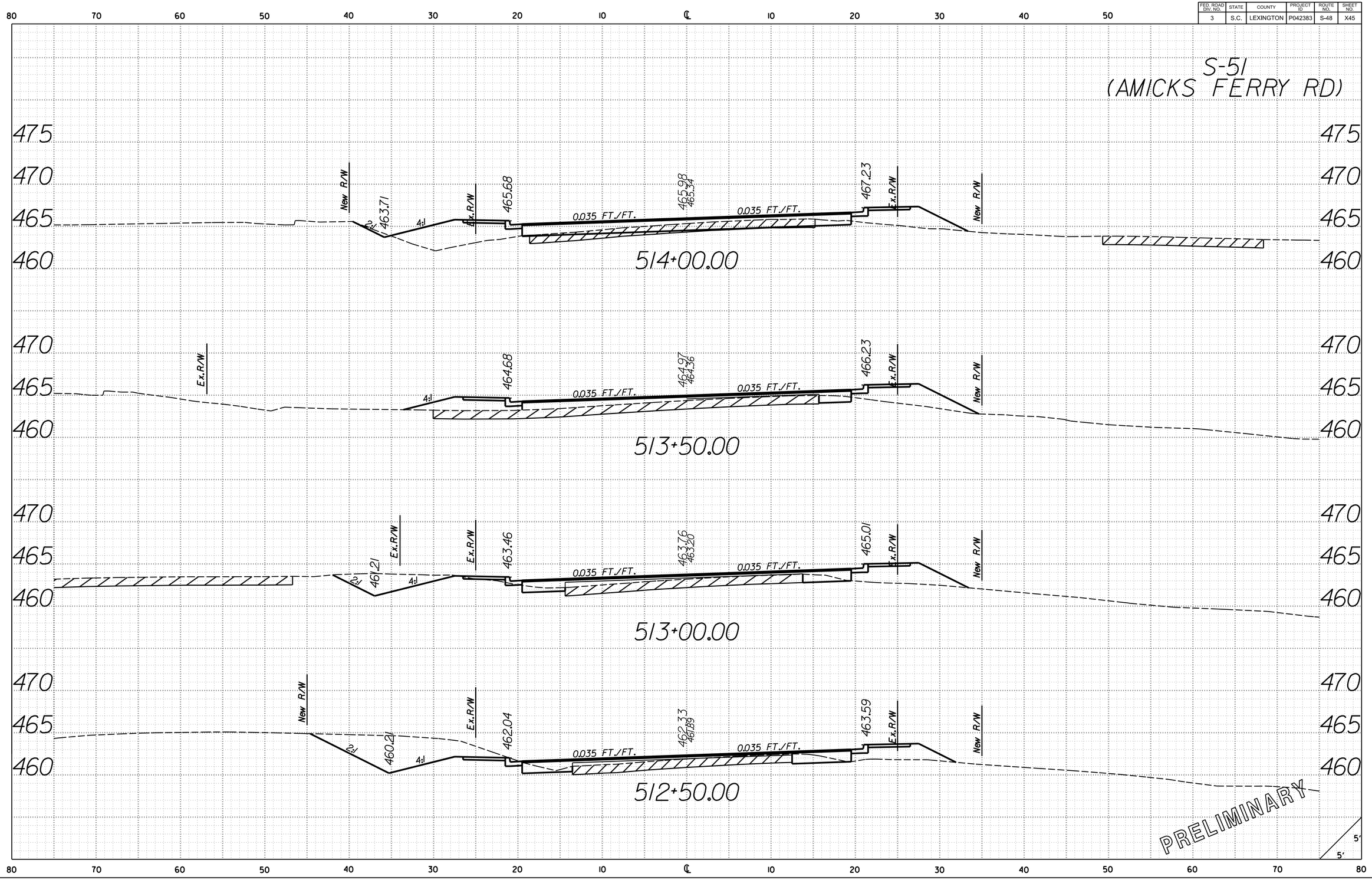
3	S.C.	LEXINGTON	P042383	S-48	X45



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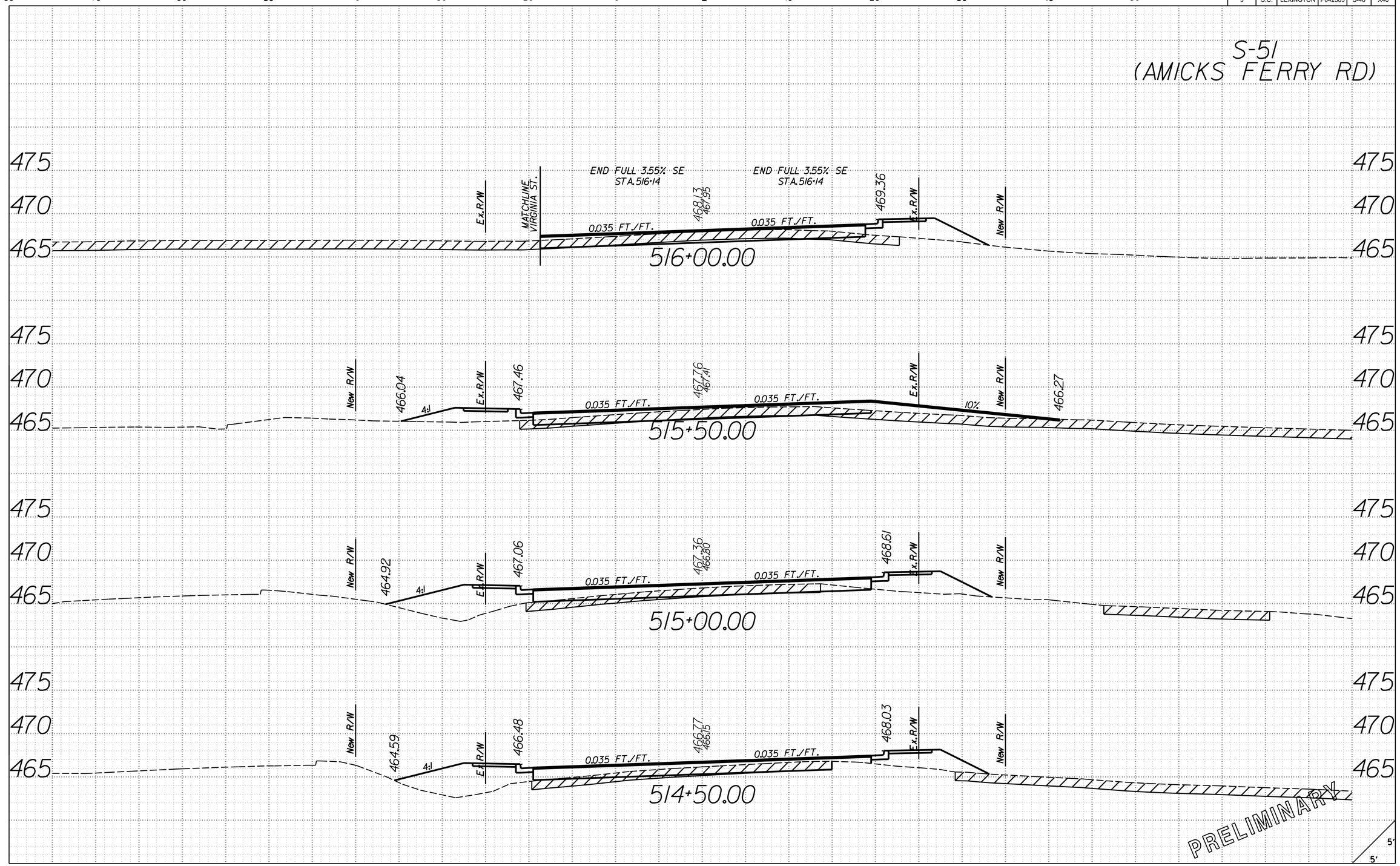

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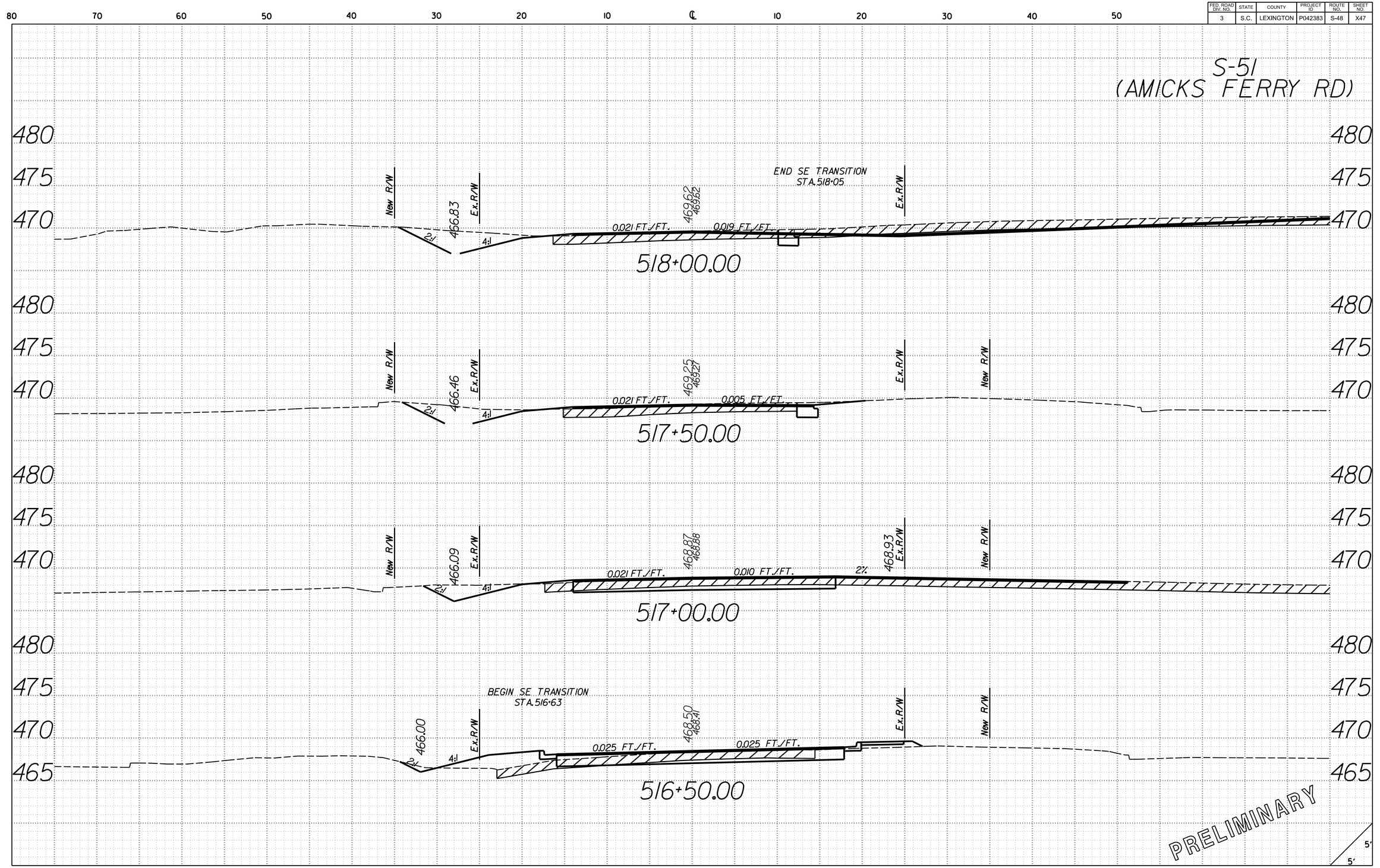
3	S.C.	LEXINGTON	P042383	S-48	X47



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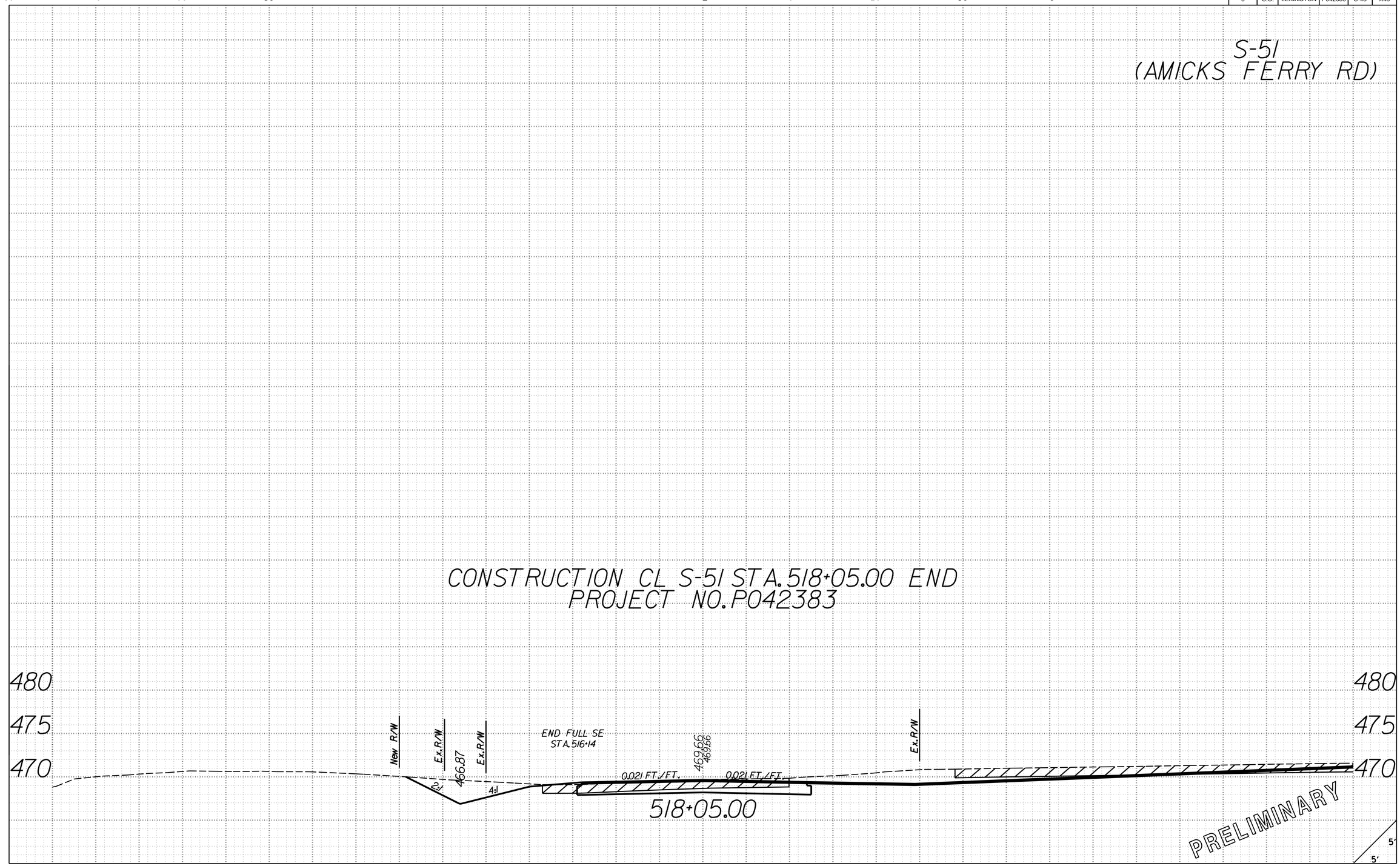
3	S.C.	LEXINGTON	P042383	S-48	X48



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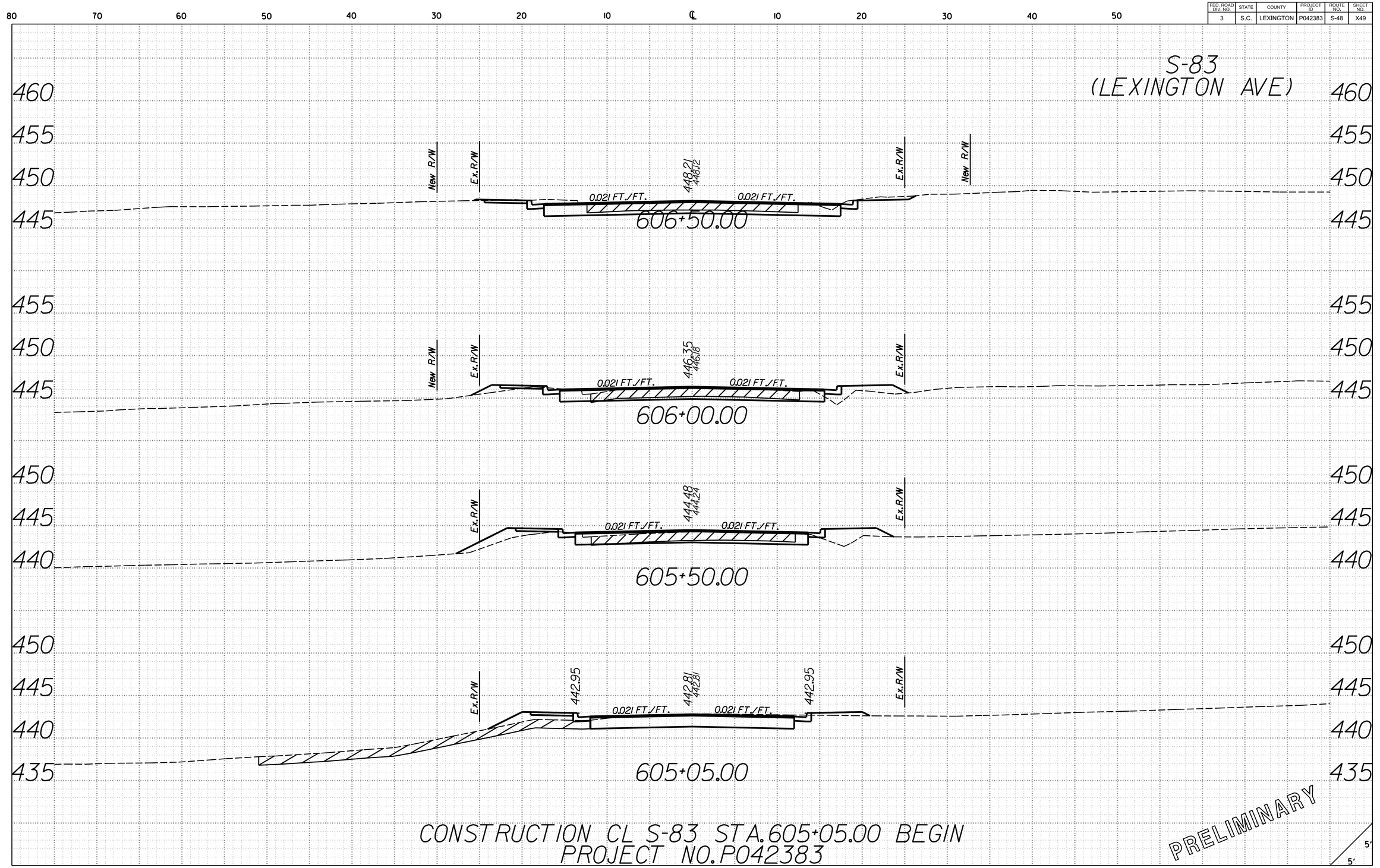

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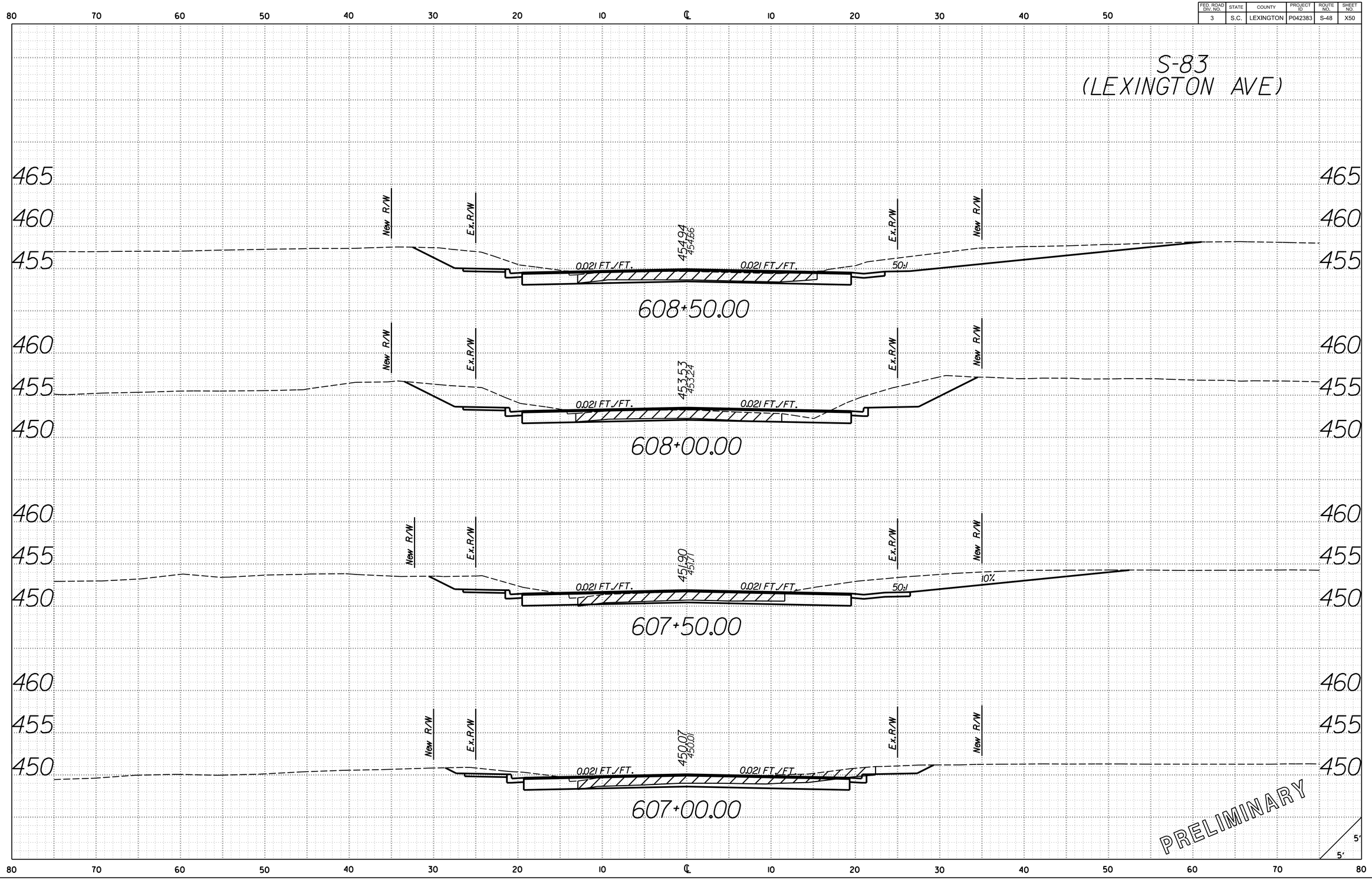
3	S.C.	LEXINGTON	P042383	S-48	X50



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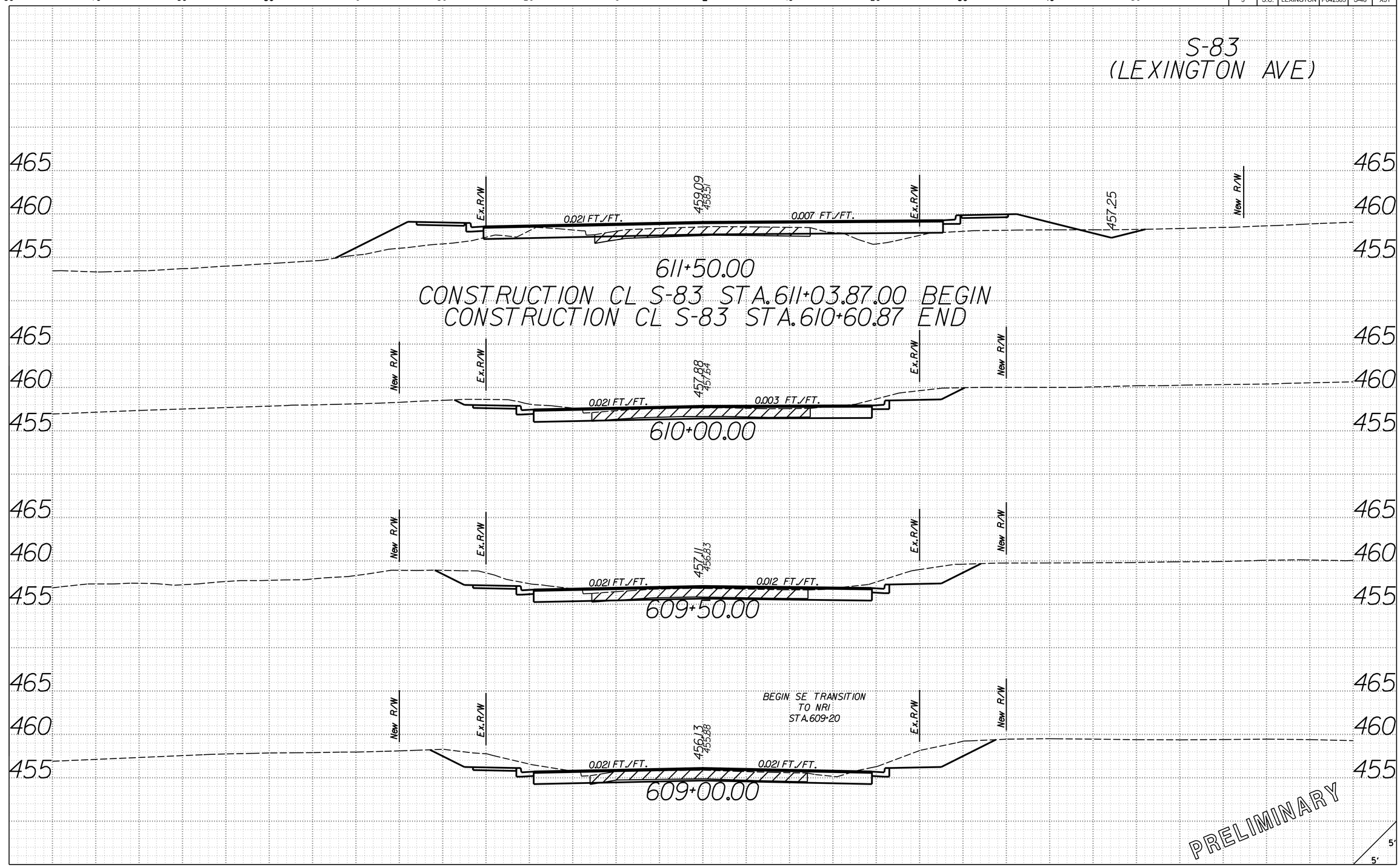
3	S.C.	LEXINGTON	P042383	S-48	X51



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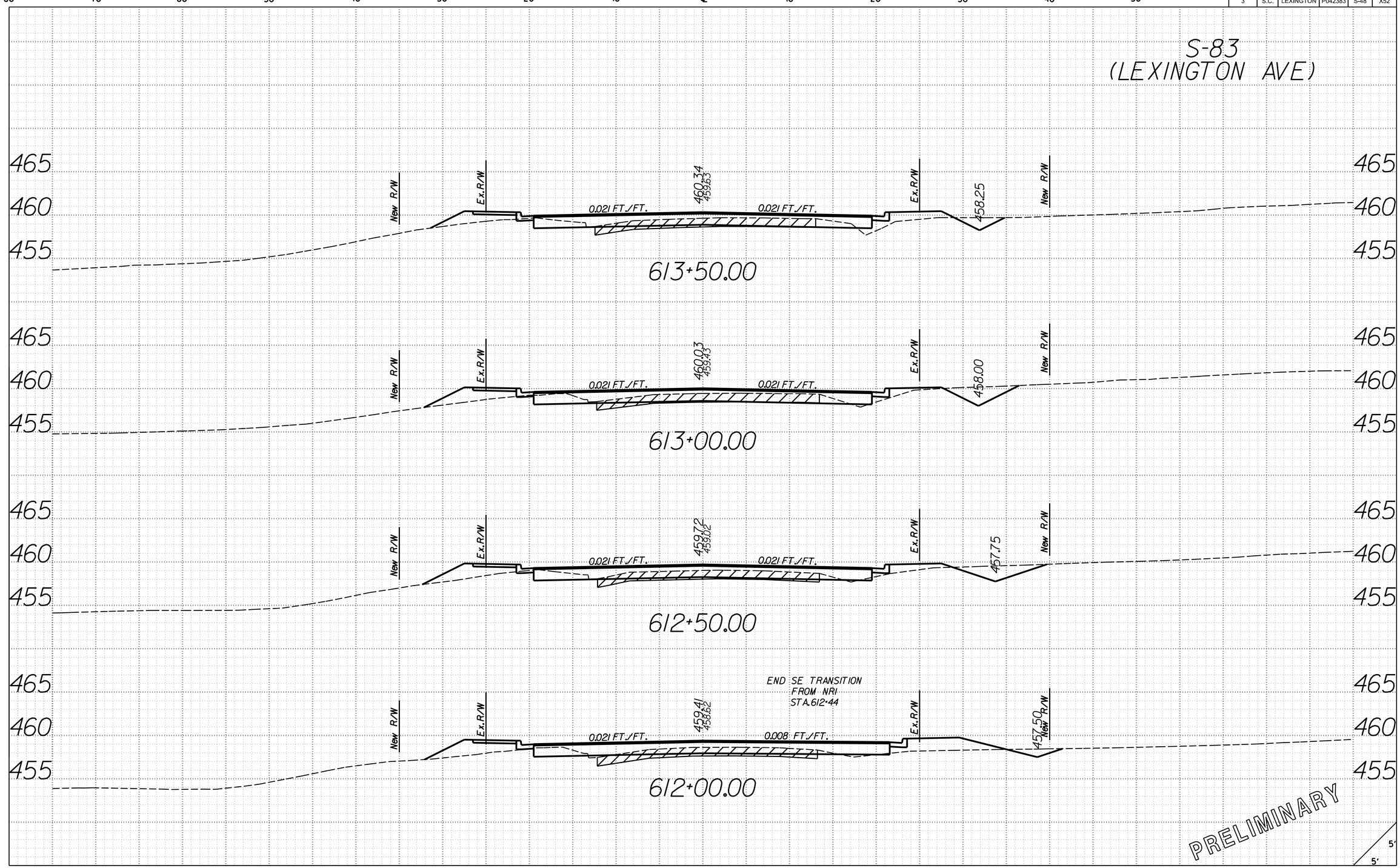

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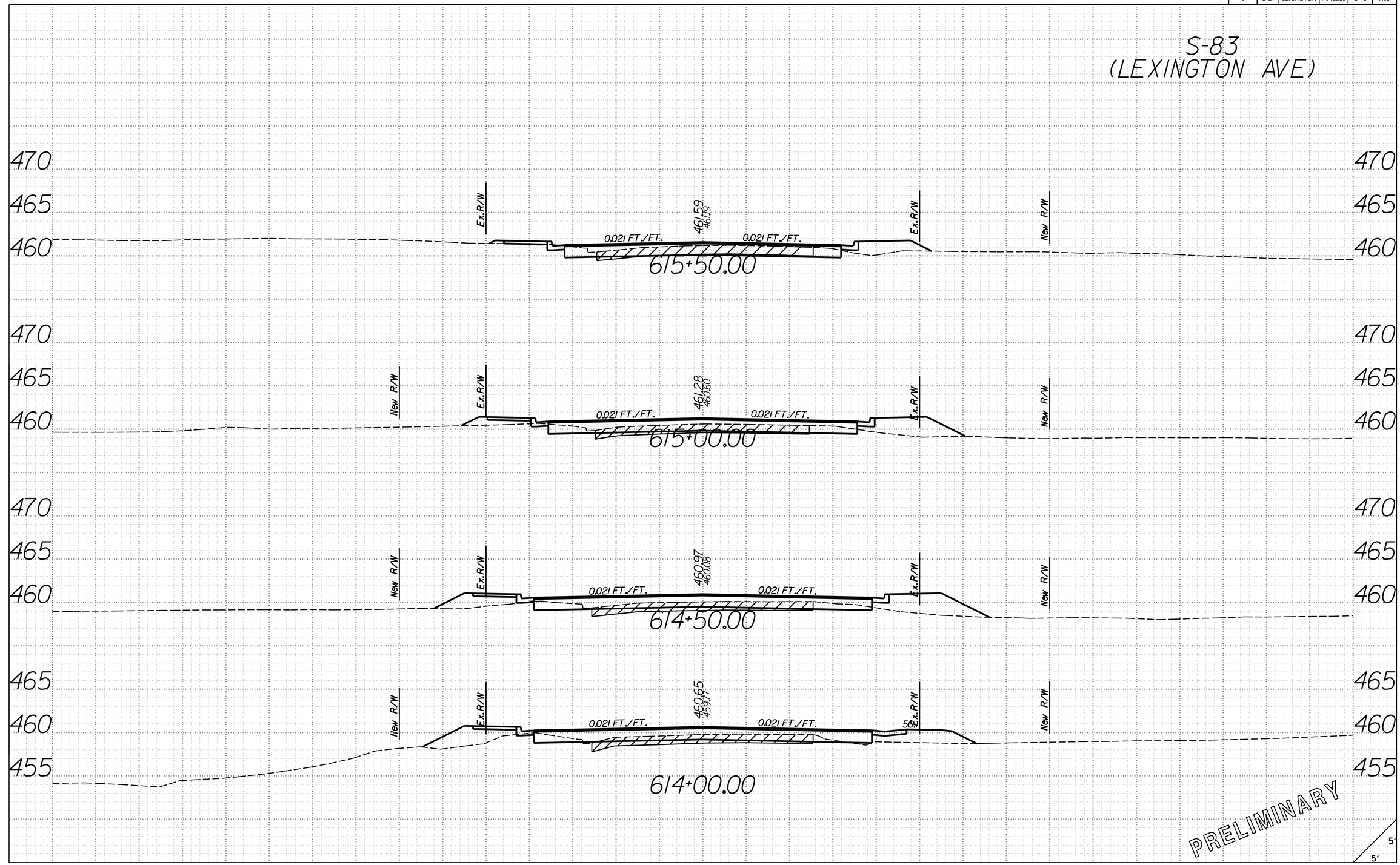
3	S.C.	LEXINGTON	P042383	S-48	X53



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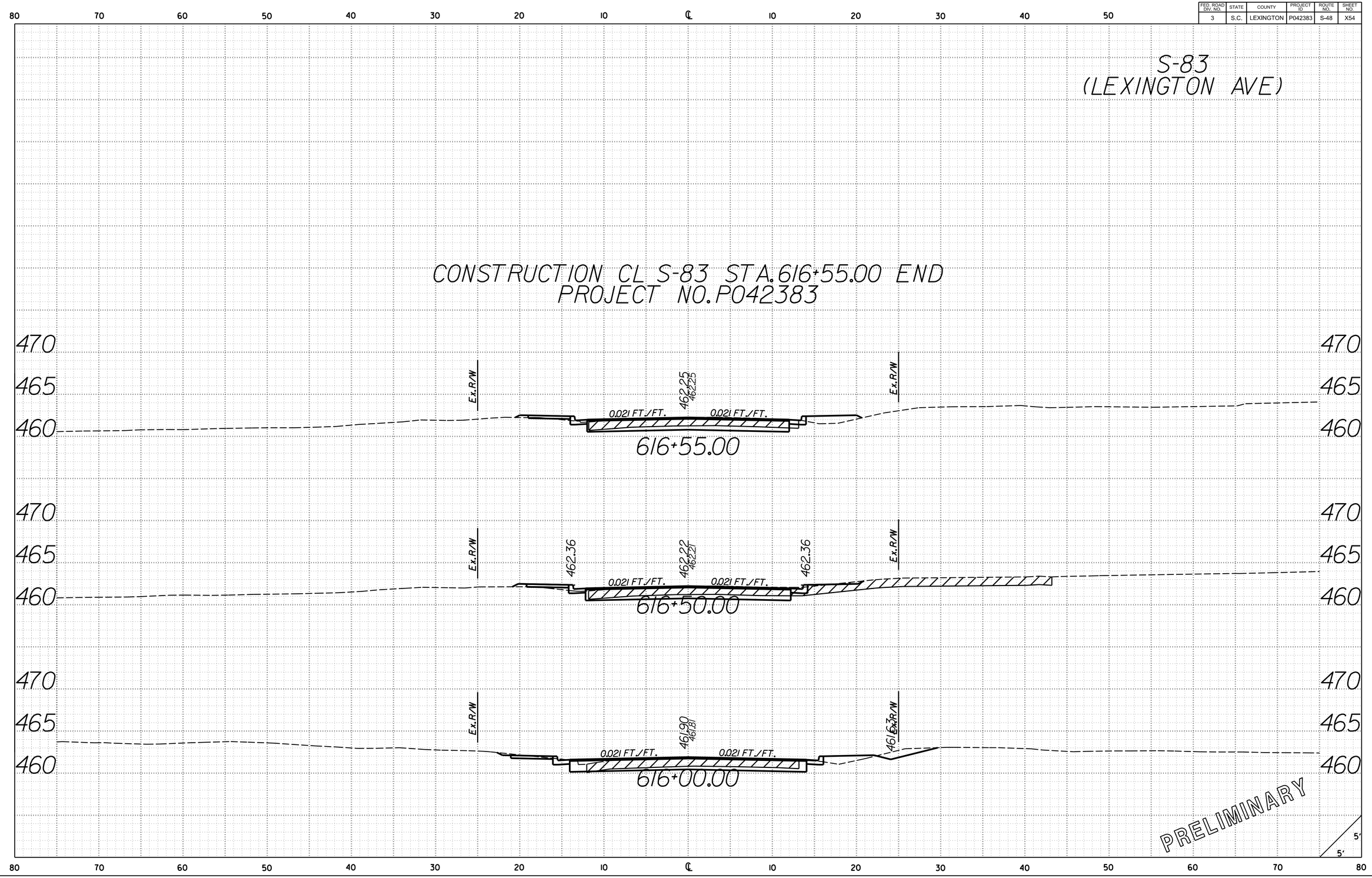
3	S.C.	LEXINGTON	P042383	S-48	X54



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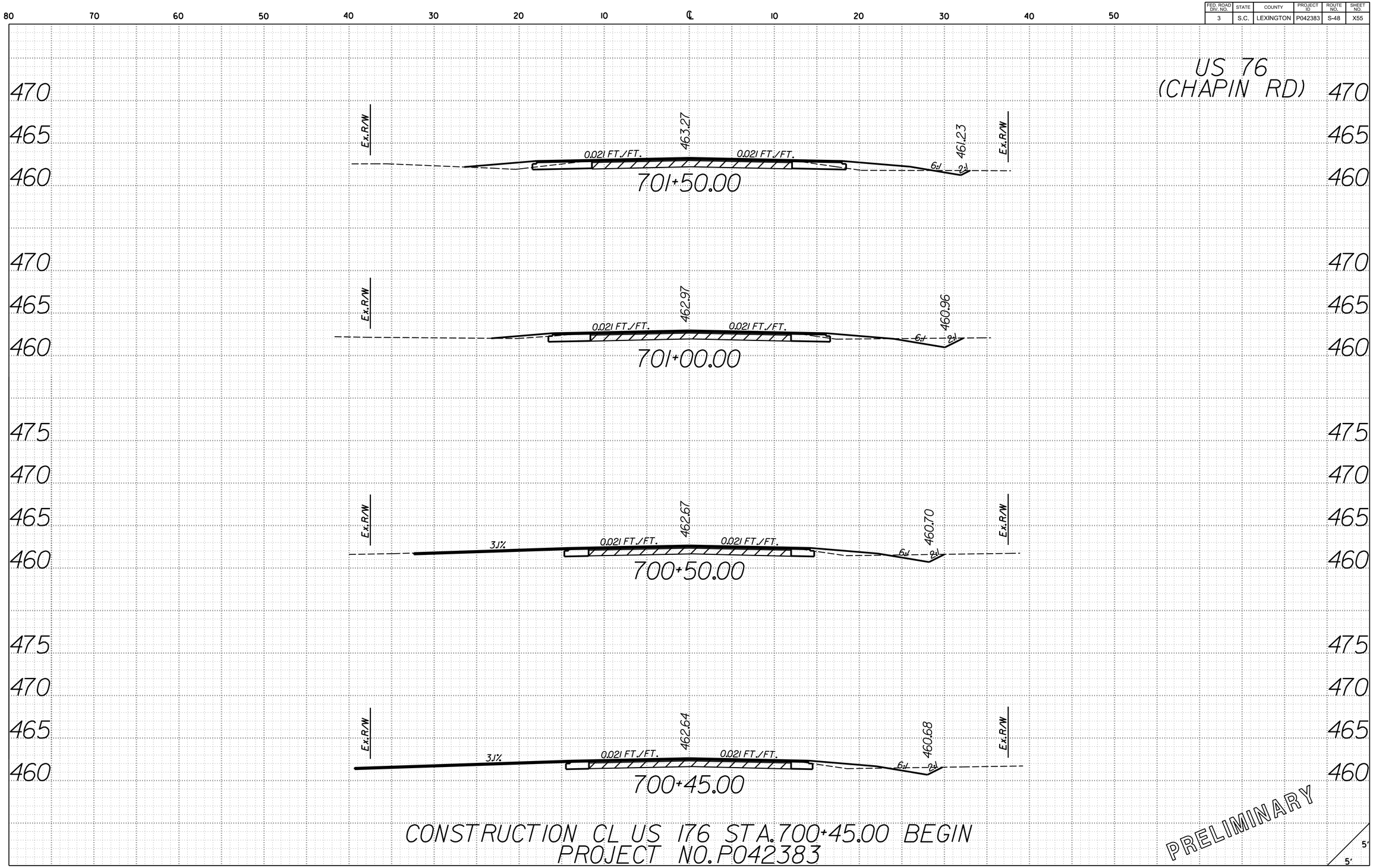

CONSTRUCTION CL US 176 STA.700+45.00 BEGIN
PROJECT NO.P042383

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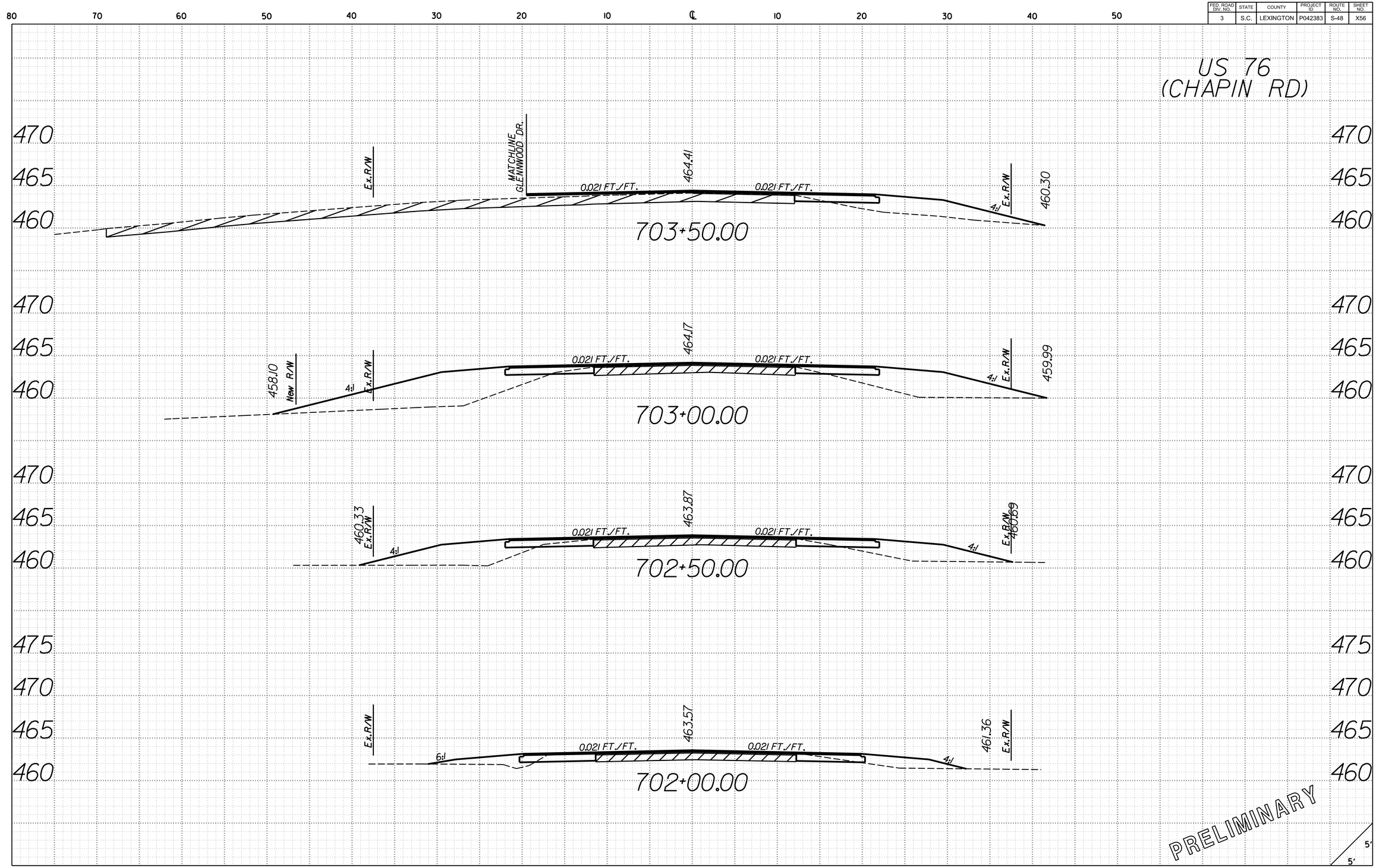
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X56



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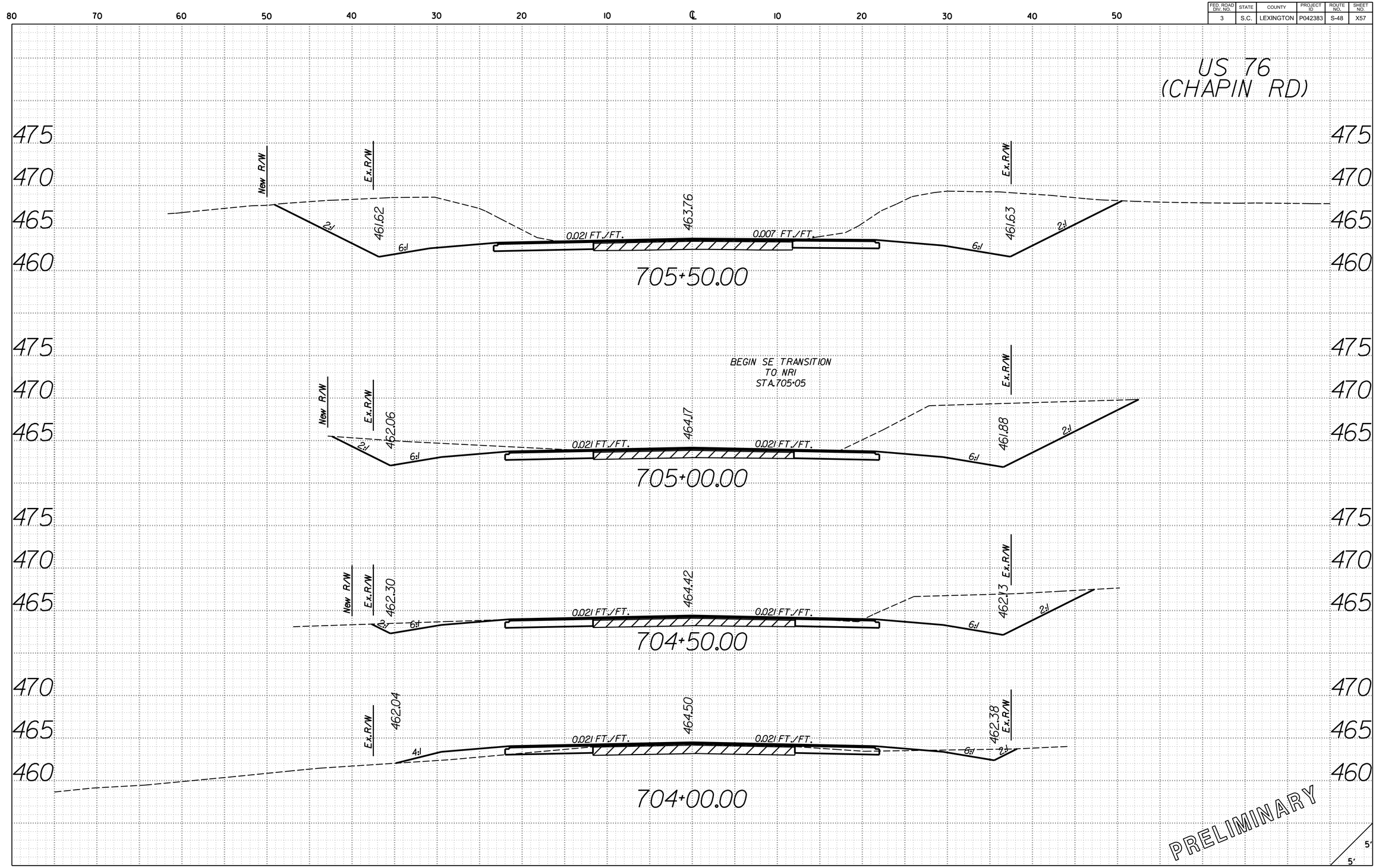

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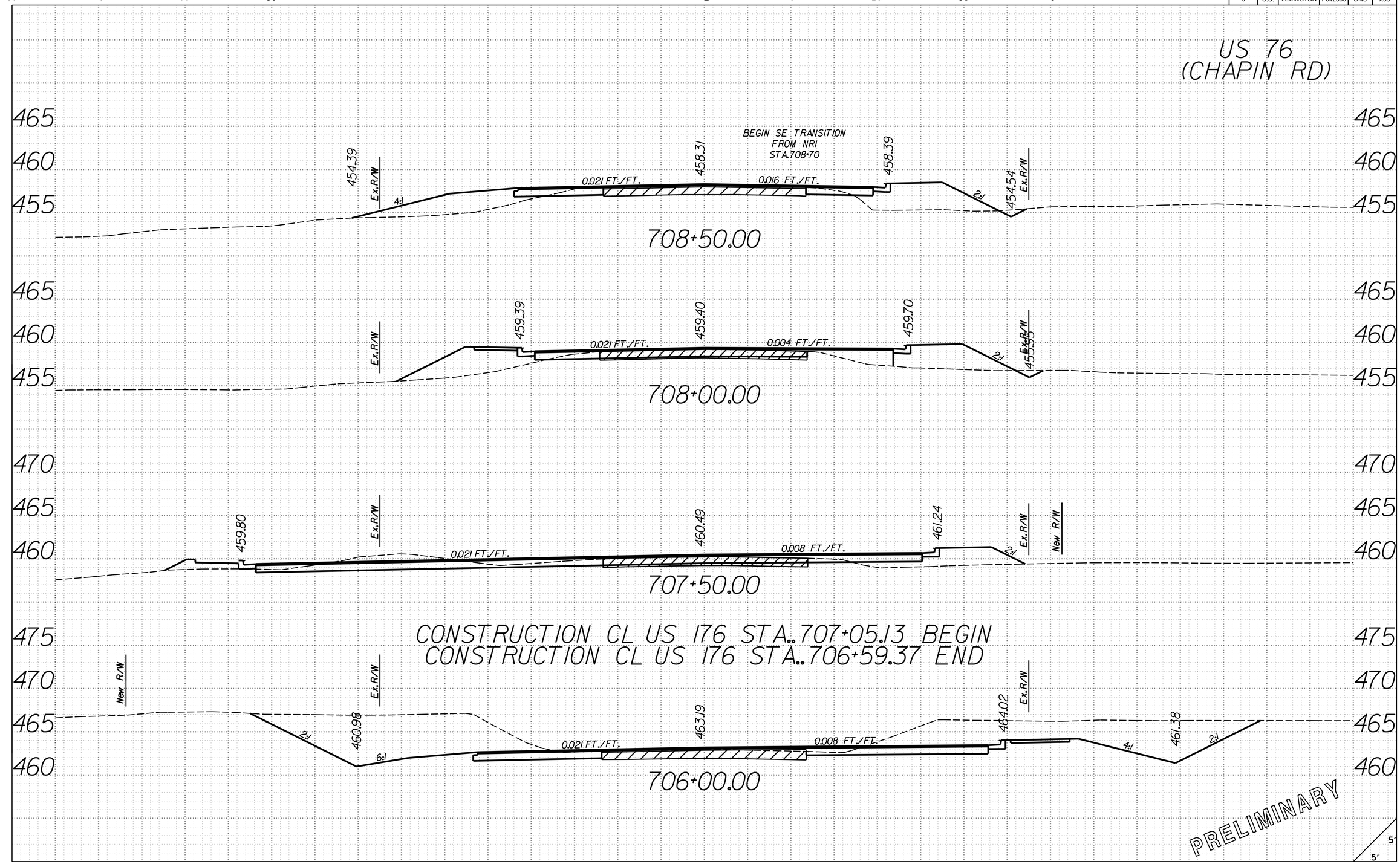
3	S.C.	LEXINGTON	P042383	S-48	X58



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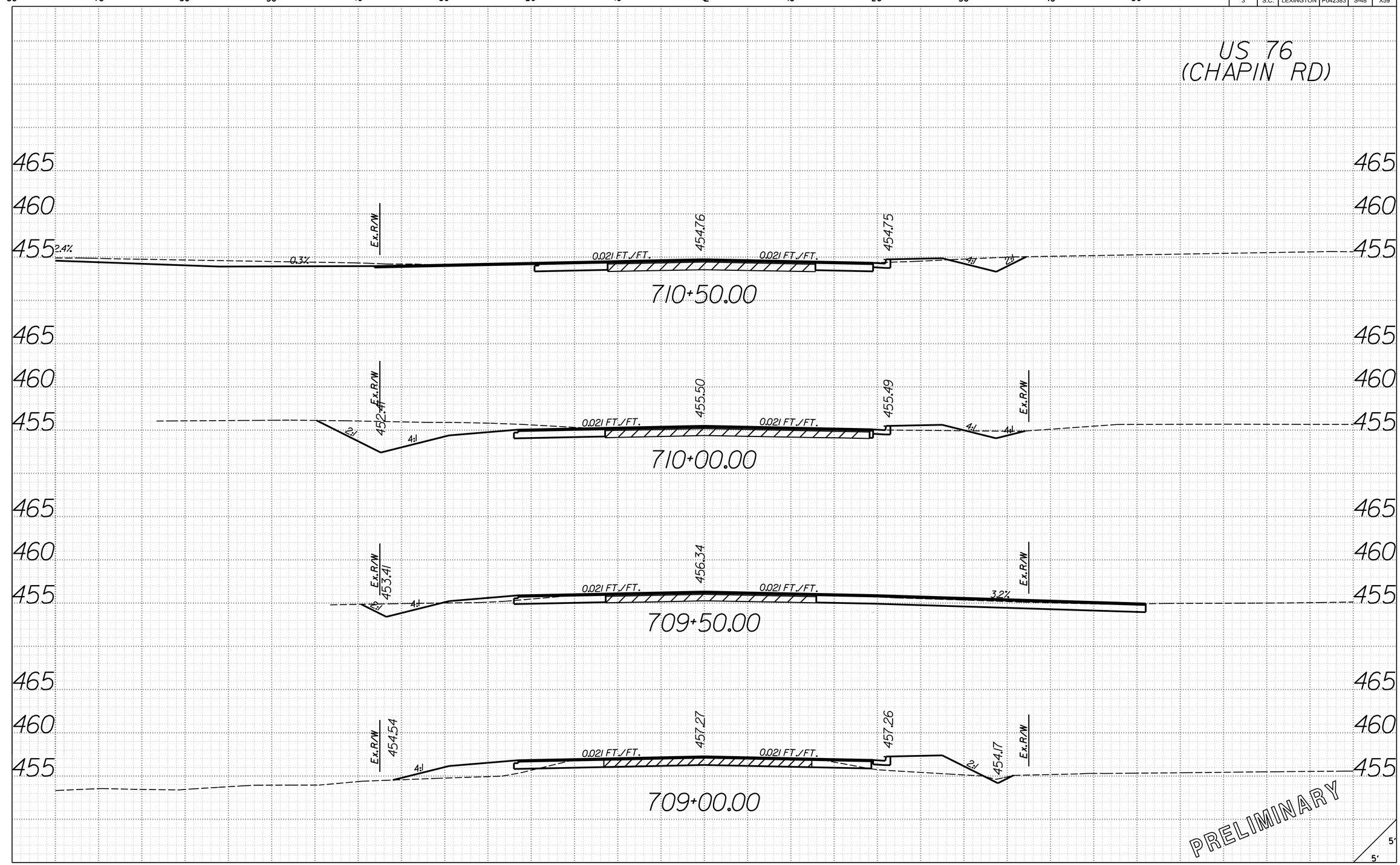
3	S.C.	LEXINGTON	P042383	S-48	X59



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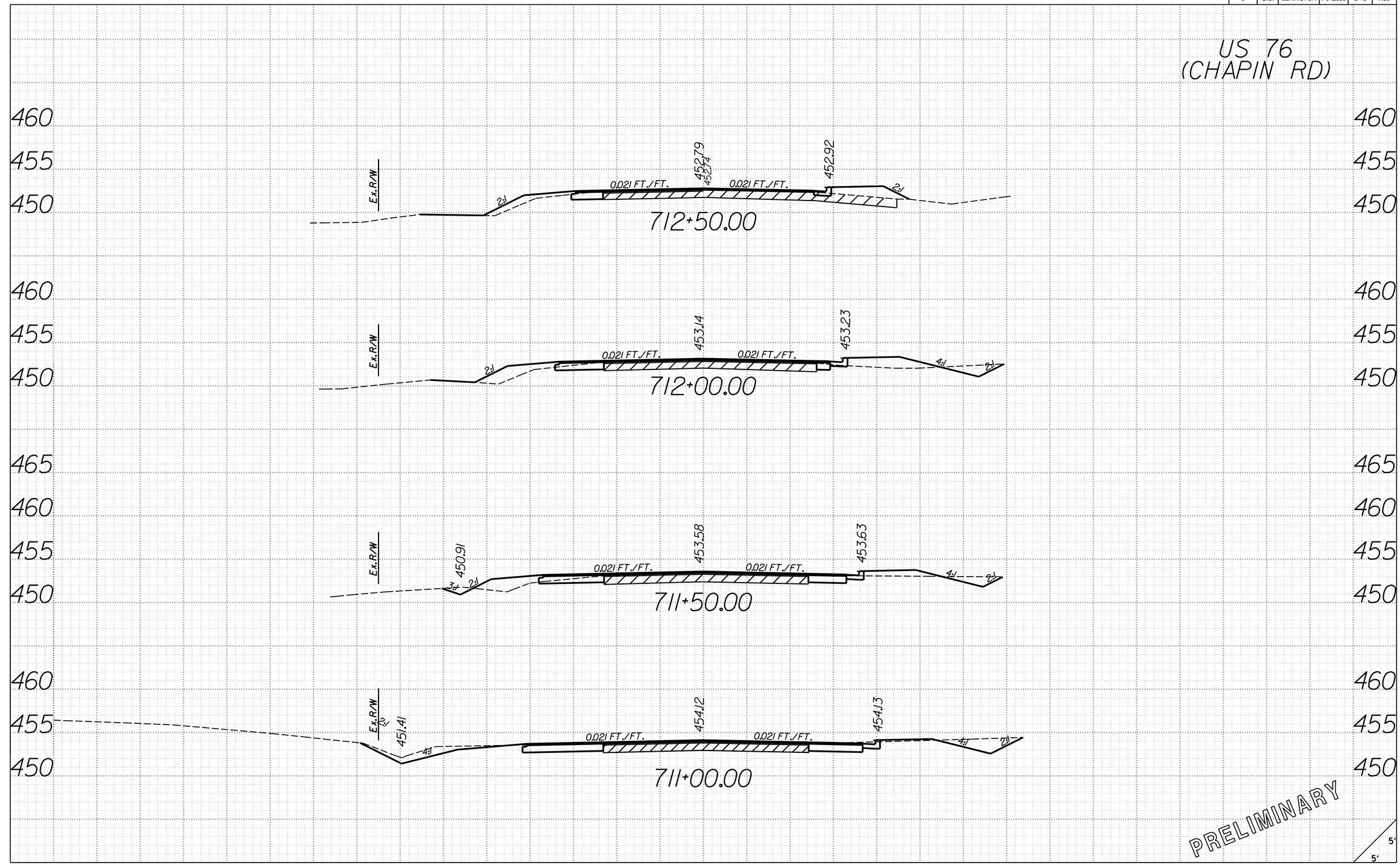
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X60

US 76 (CHAPIN RD)



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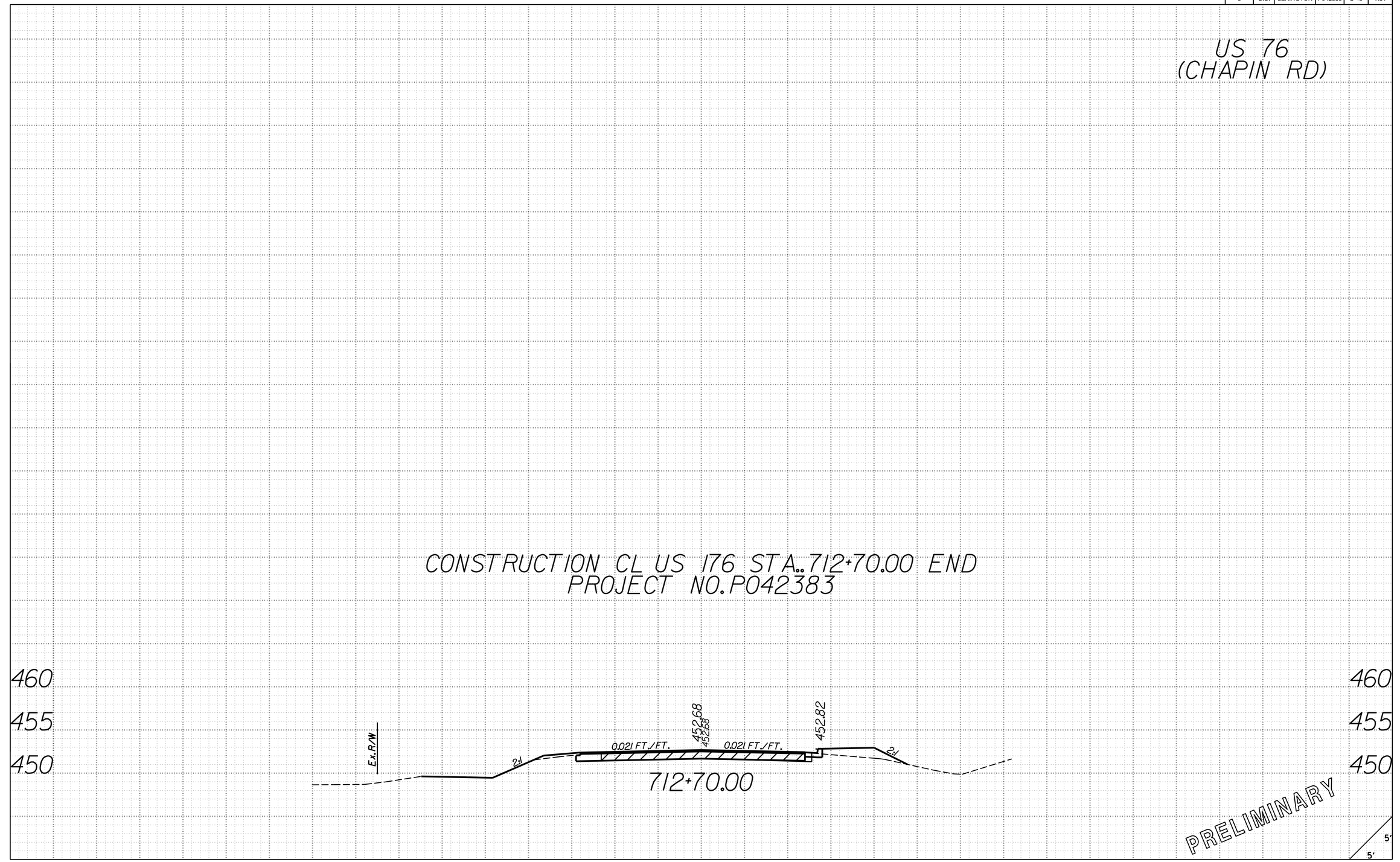

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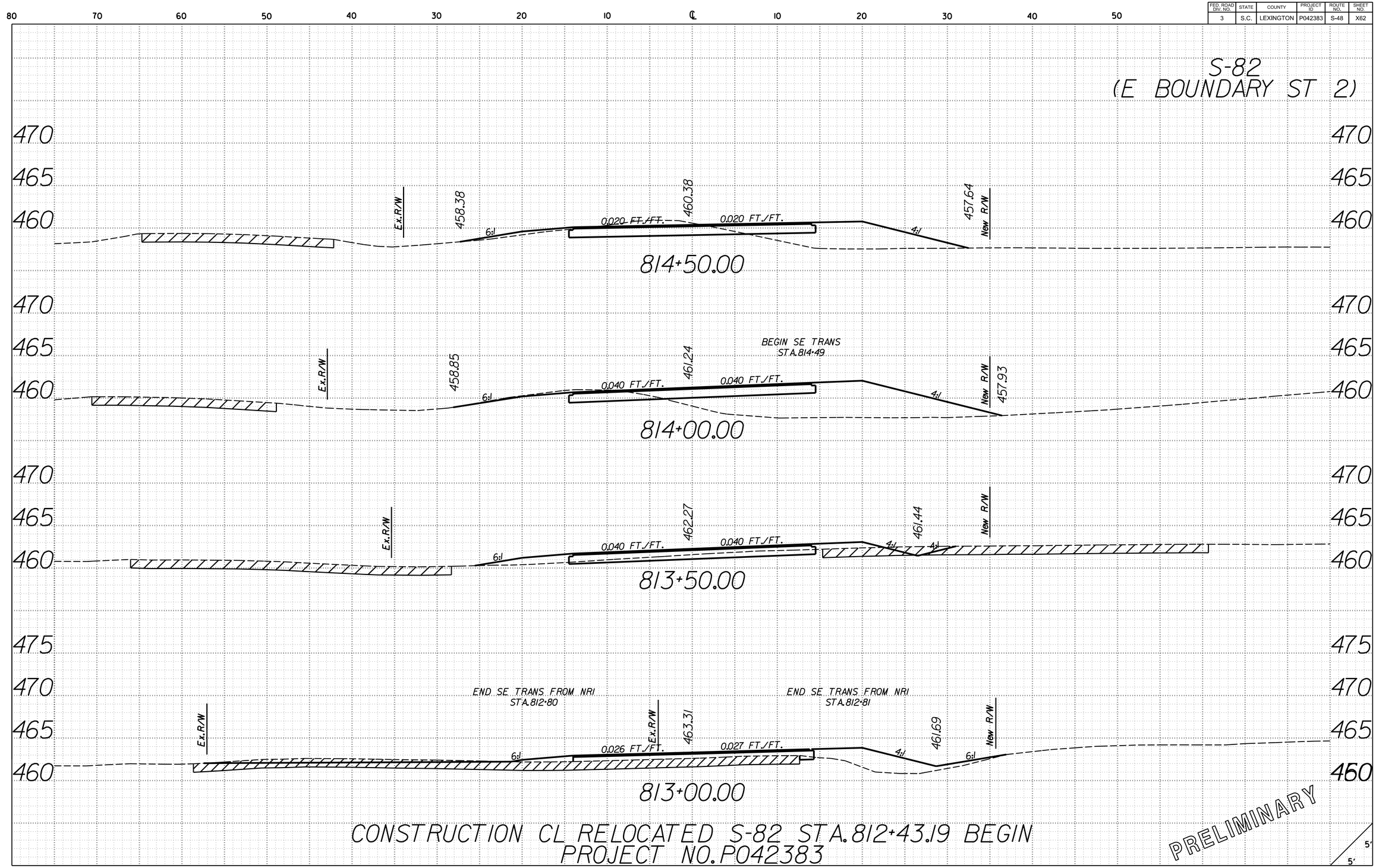
3	S.C.	LEXINGTON	P042383	S-48	X62



CONSTRUCTION CL RELOCATED S-82 STA.812+43.19 BEGIN
PROJECT NO.P042383

PRELIMINARY

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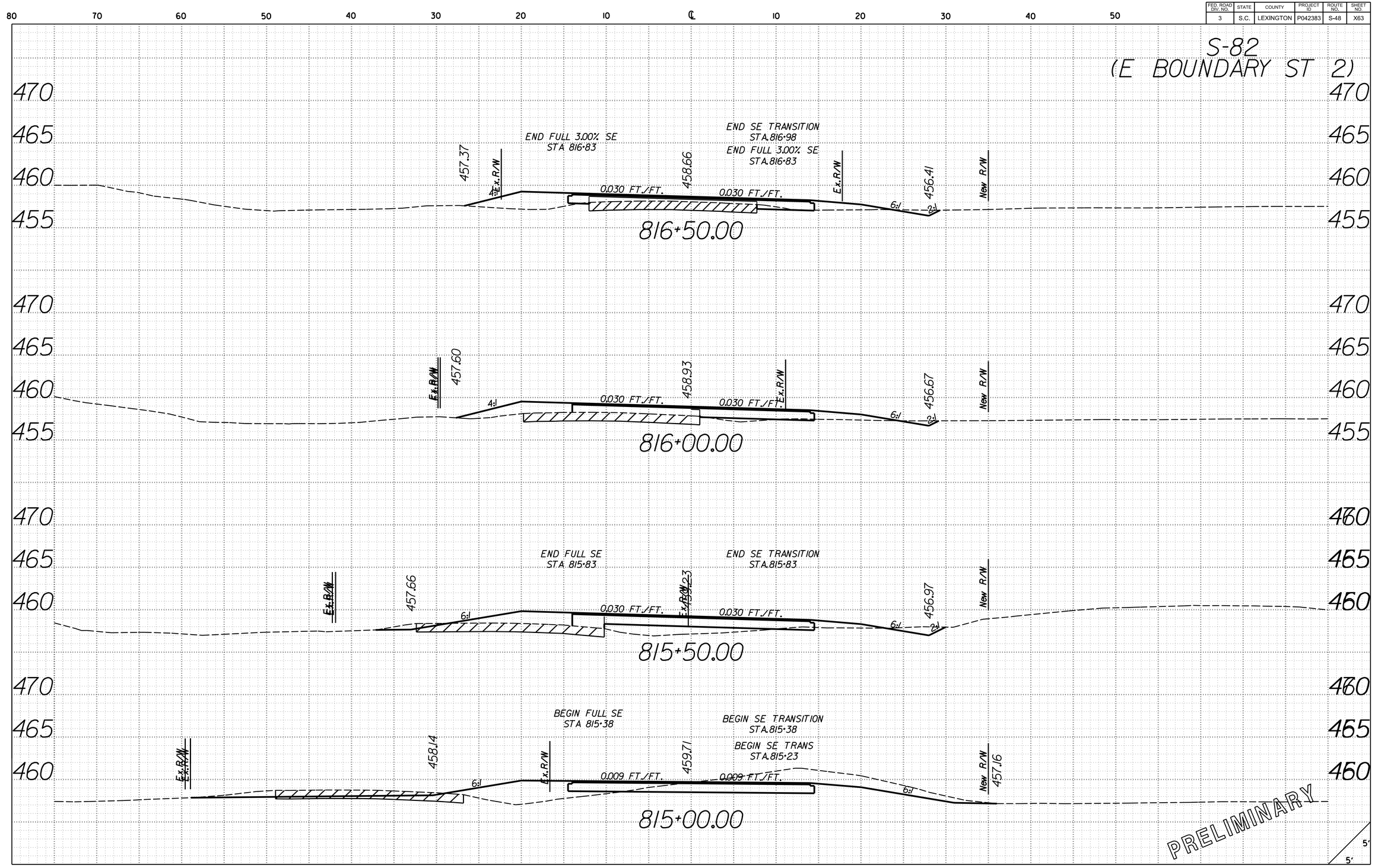
3	S.C.	LEXINGTON	P042383	S-48	X63



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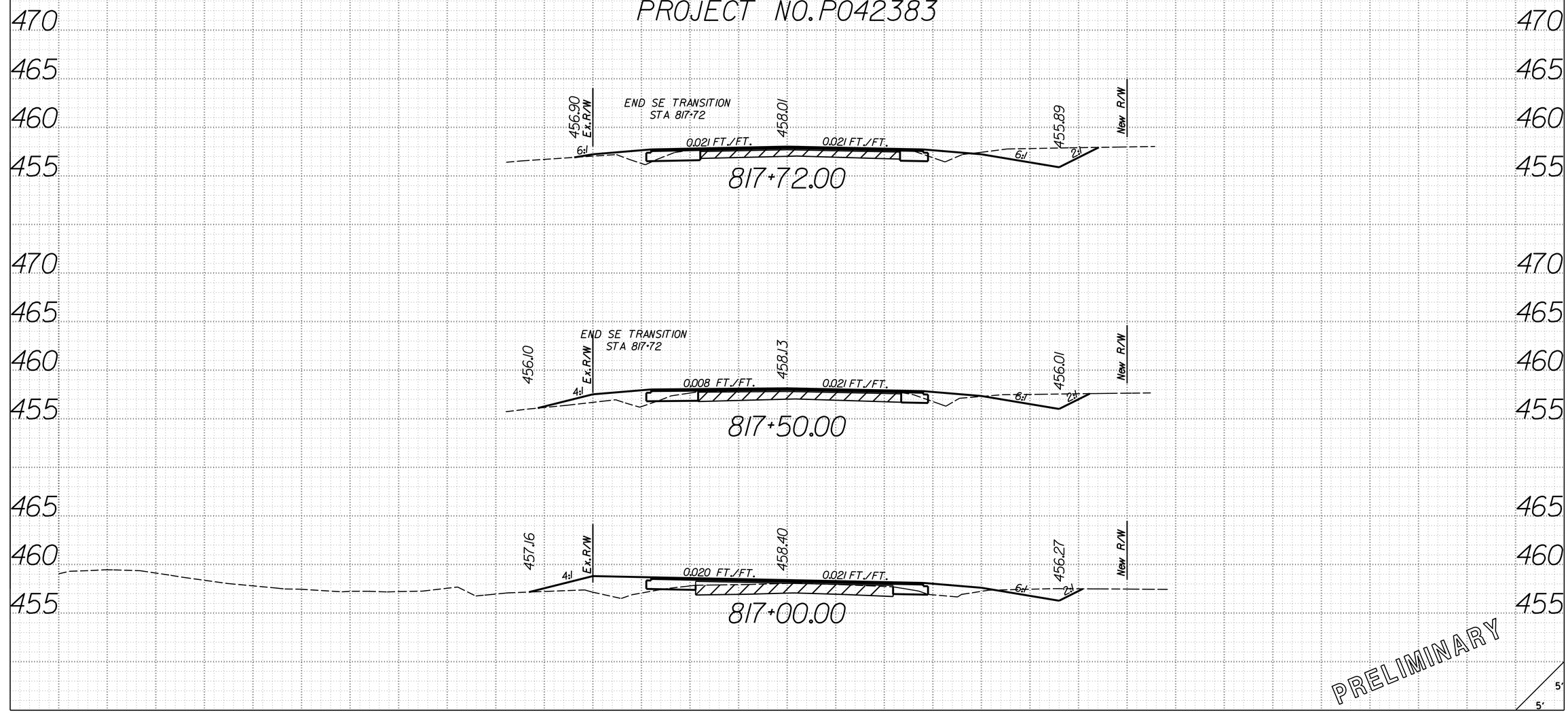
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X64

S-82
(E BOUNDARY ST 2)

CONSTRUCTION CL RELOCATED S-82 STA.817+72.00 END
PROJECT NO.P042383



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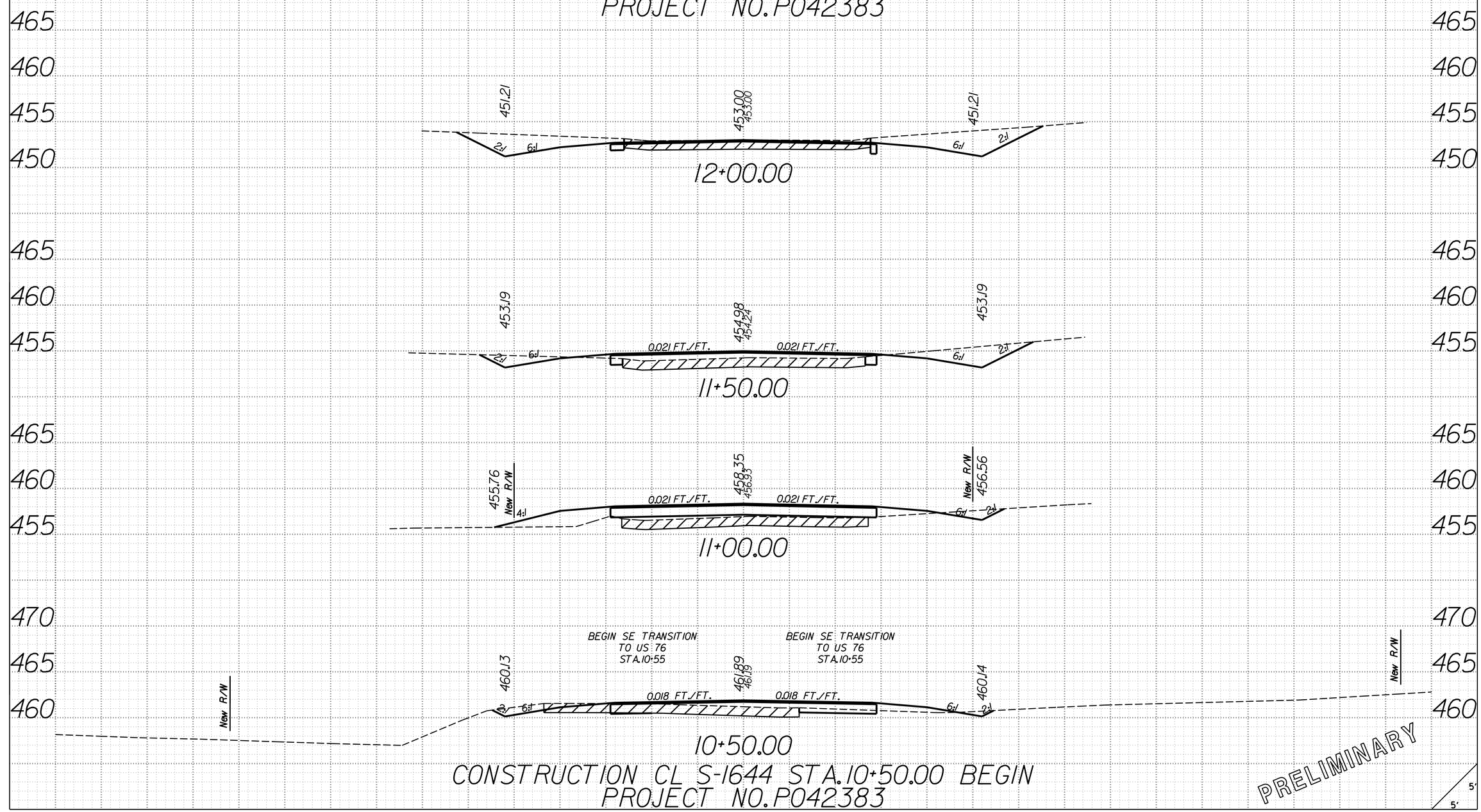
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X65

S-1644
(GLENNWOOD DR)

CONSTRUCTION CL S-1644 STA.10+50.00 END
PROJECT NO.P042383



CONSTRUCTION CL S-1644 STA.10+50.00 BEGIN
PROJECT NO.P042383

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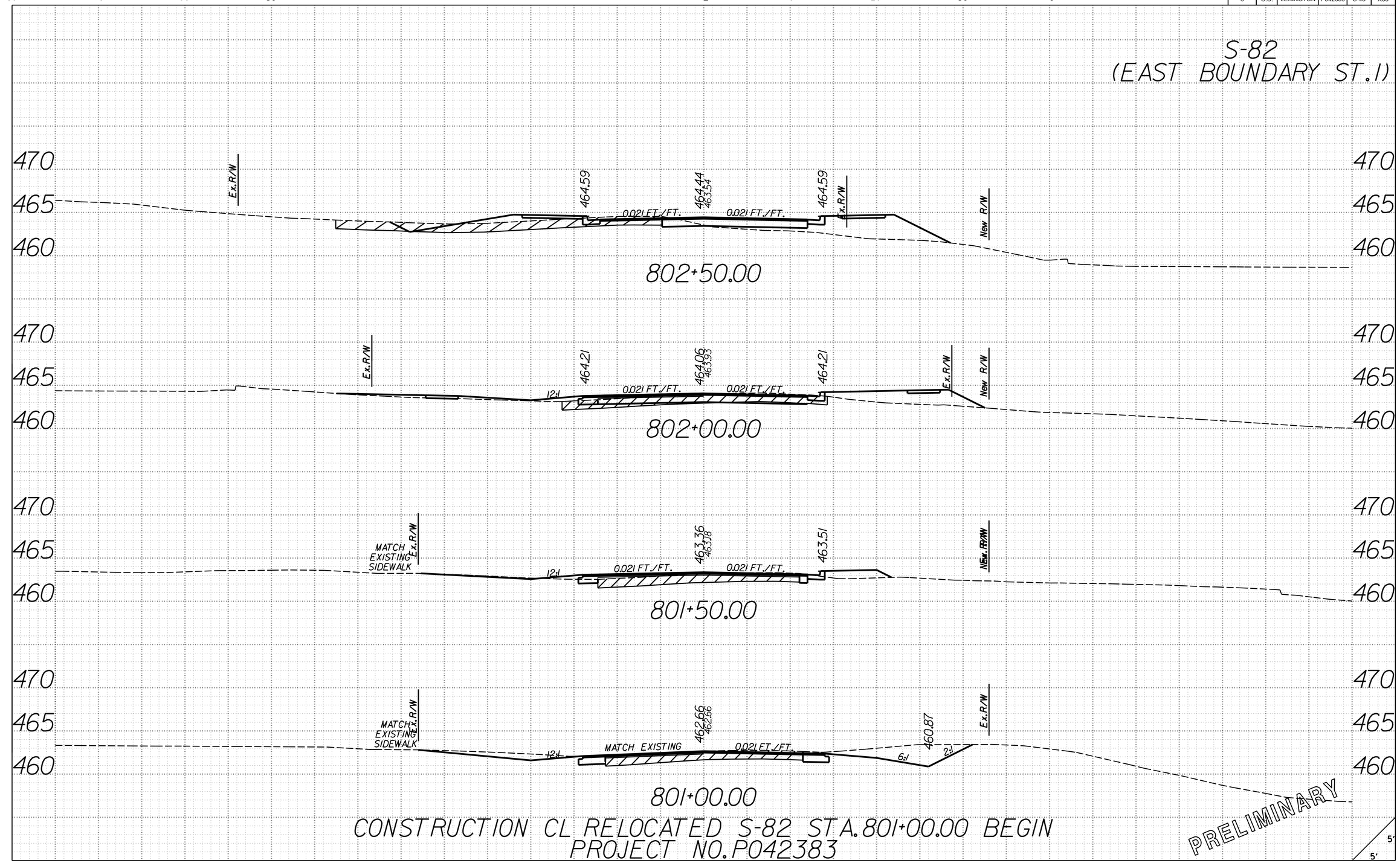
3	S.C.	LEXINGTON	P042383	S-48	X66



CONSTRUCTION CL RELOCATED S-82 STA. 801+00.00 BEGIN
PROJECT NO. P042383

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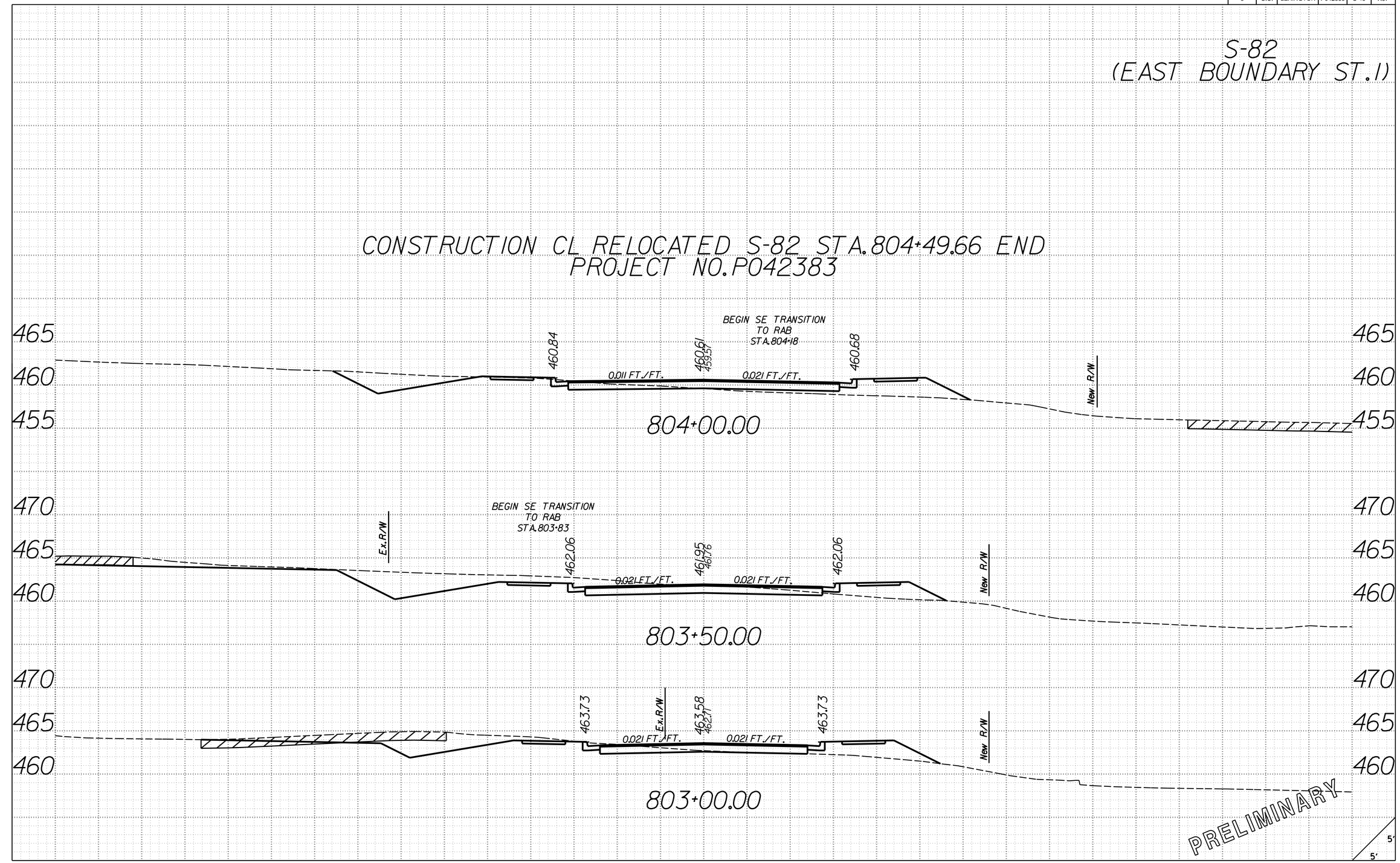
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X67



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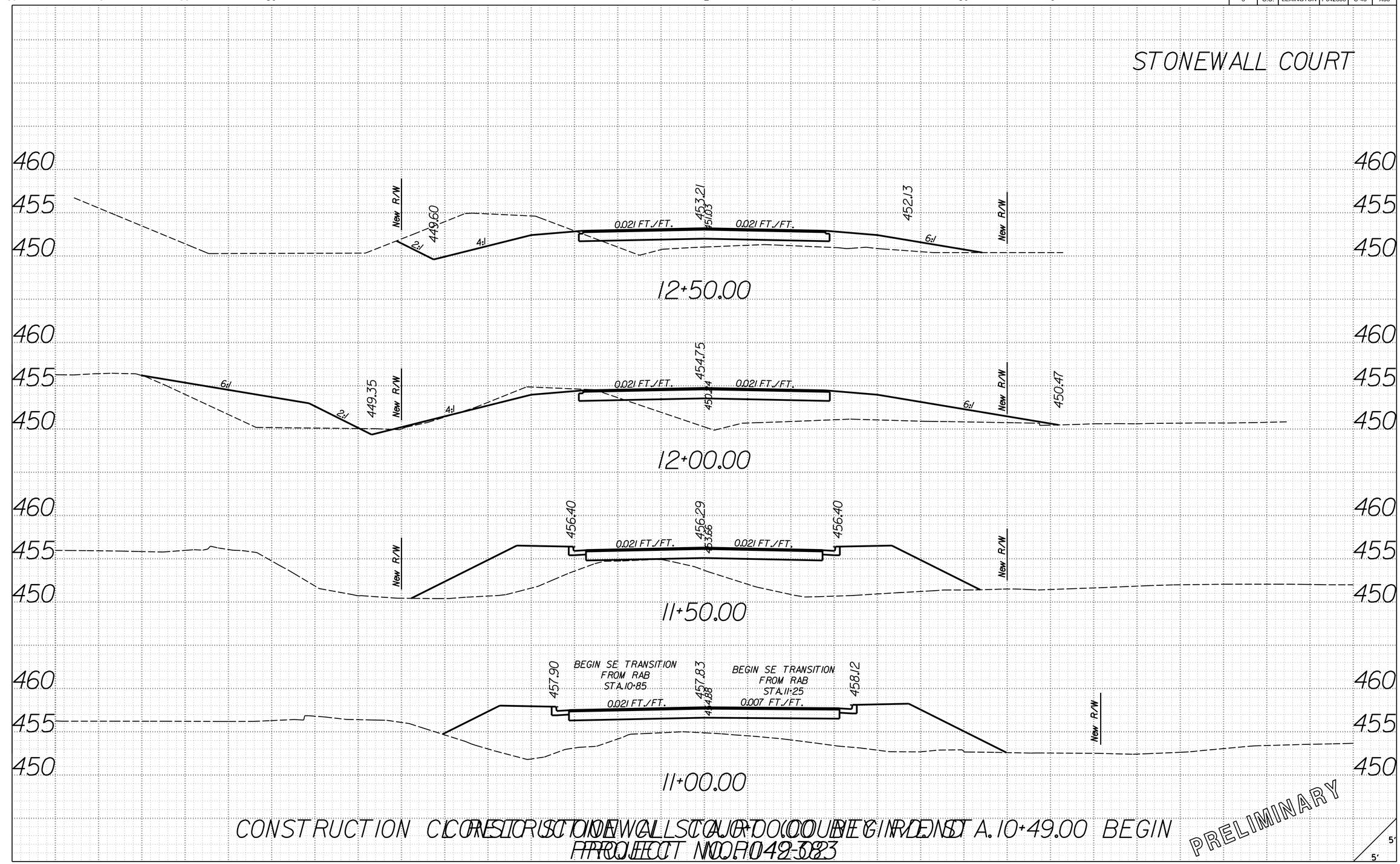

CONSTRUCTION CLOSE STONEWALL COURT (COUNTY RD.) STA.10+49.00 BEGIN
PROJECT NO. P042383

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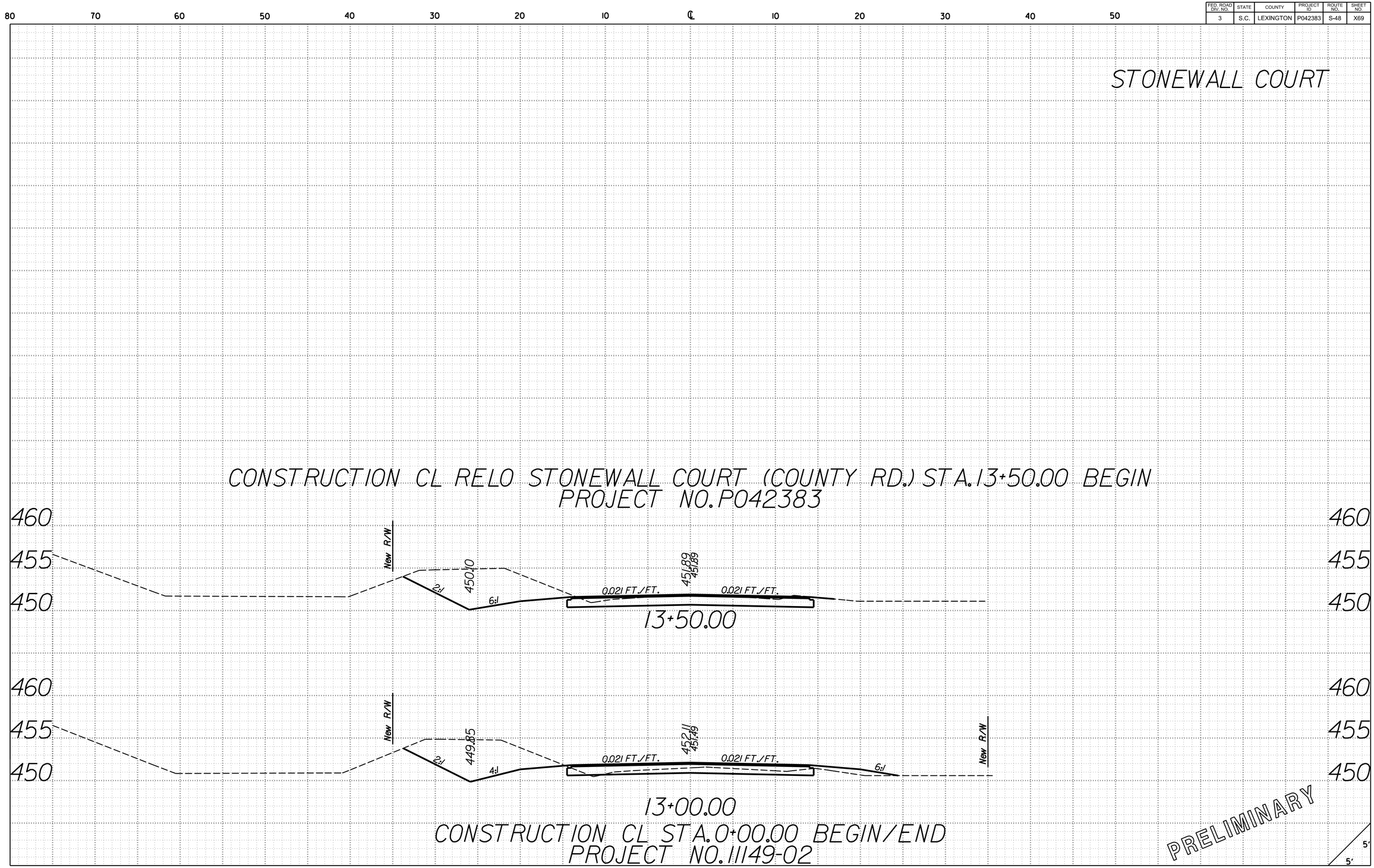
3	S.C.	LEXINGTON	P042383	S-48	X69



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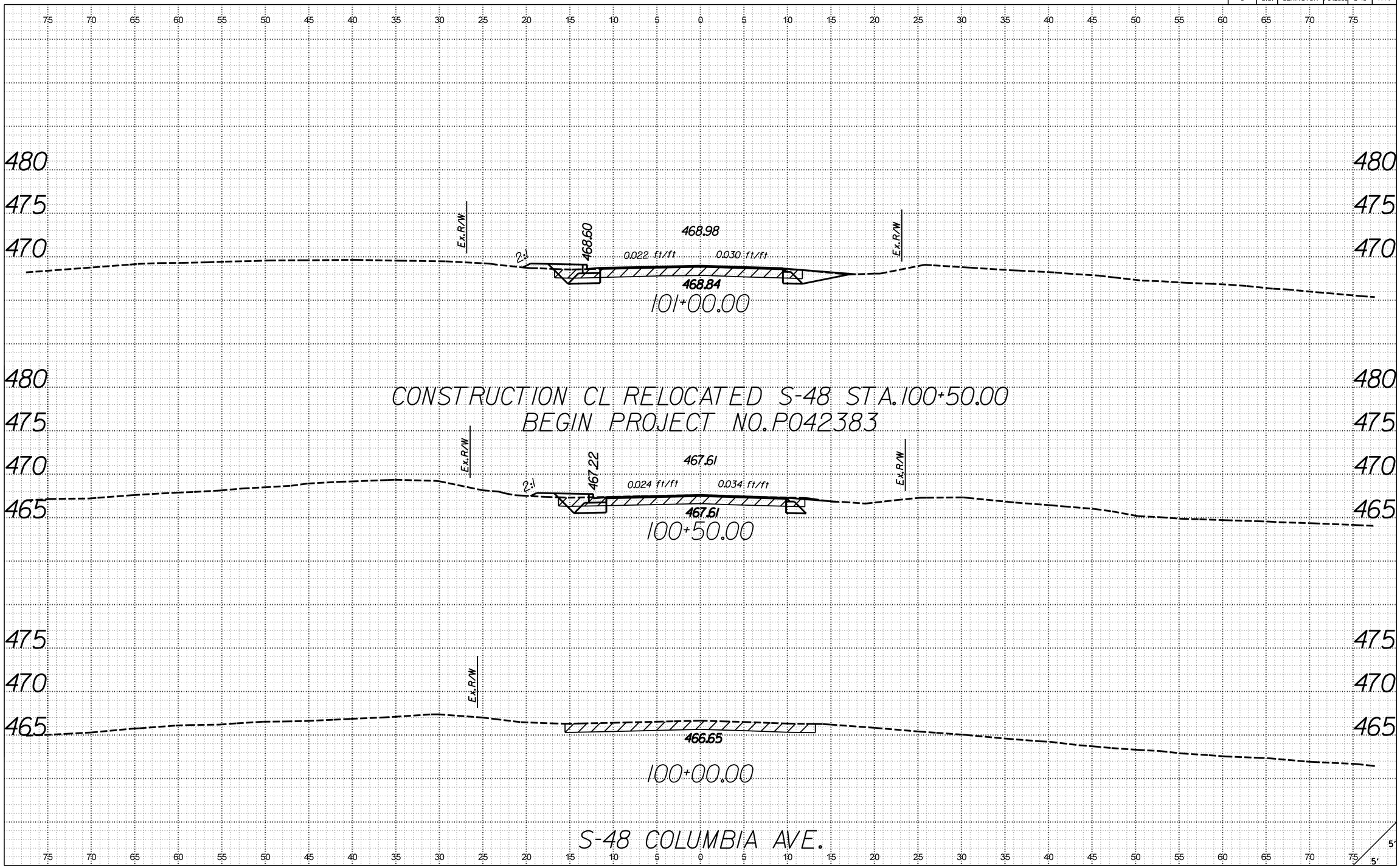
3	S.C.	LEXINGTON	P042383	S-48	X-70



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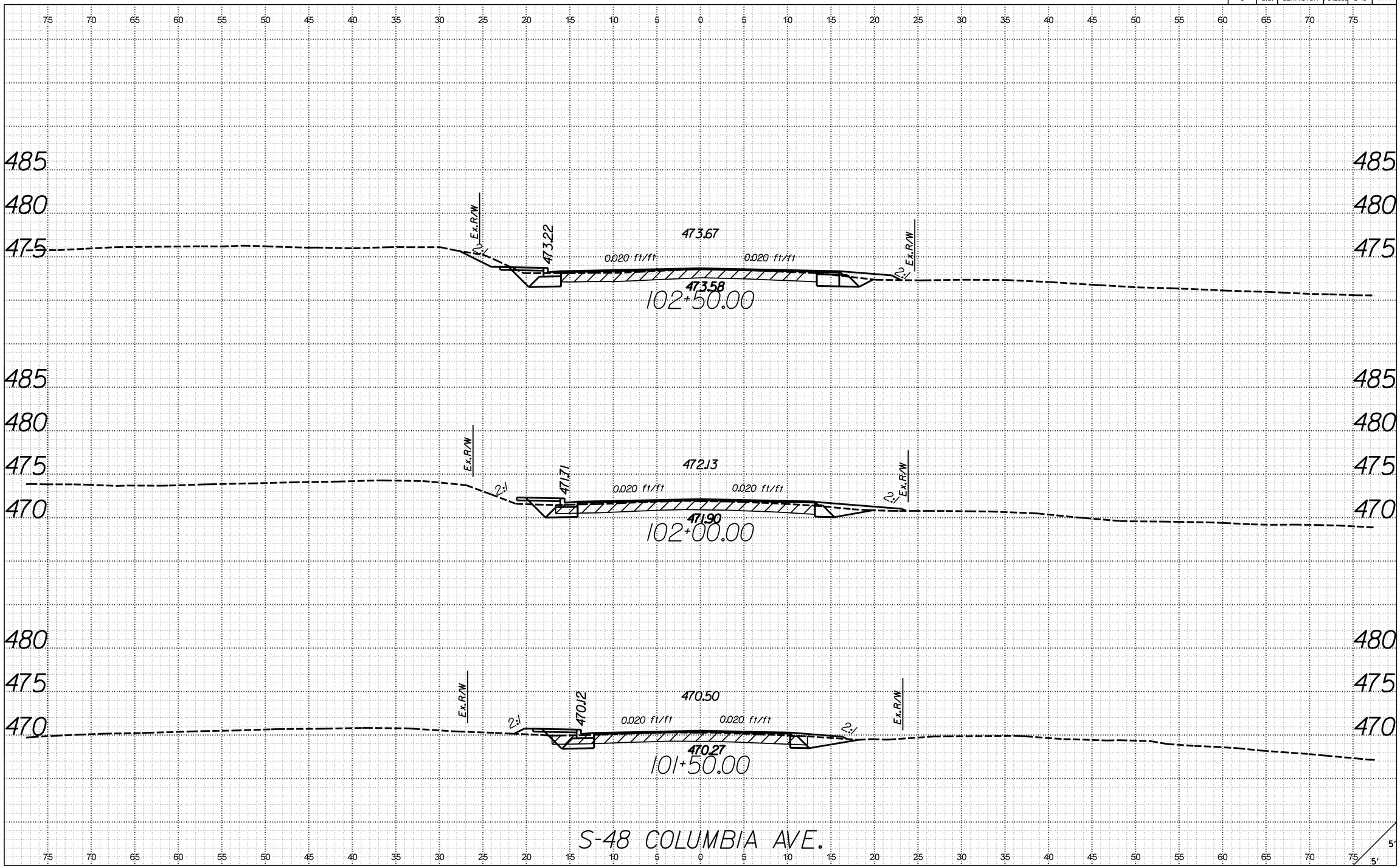

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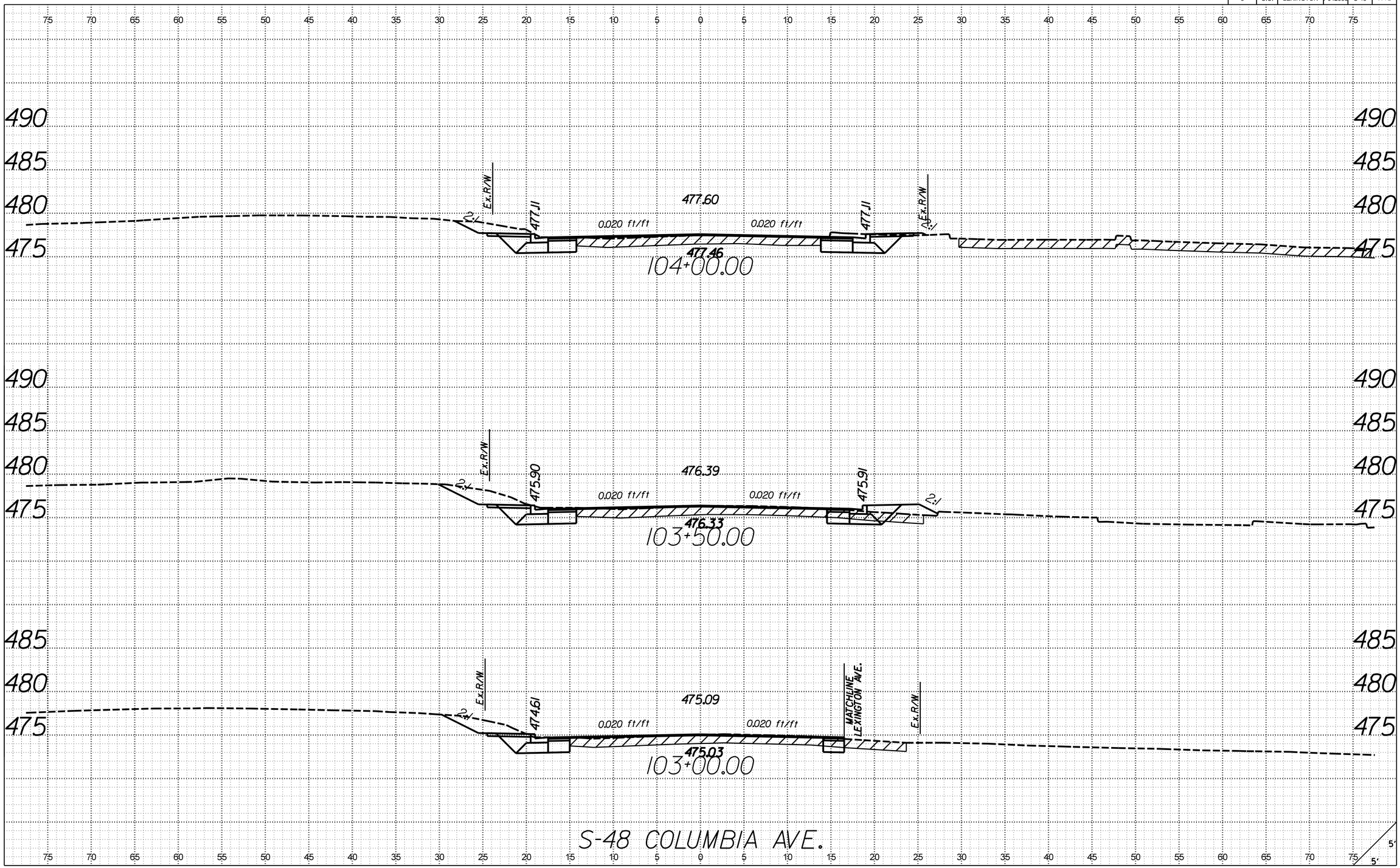

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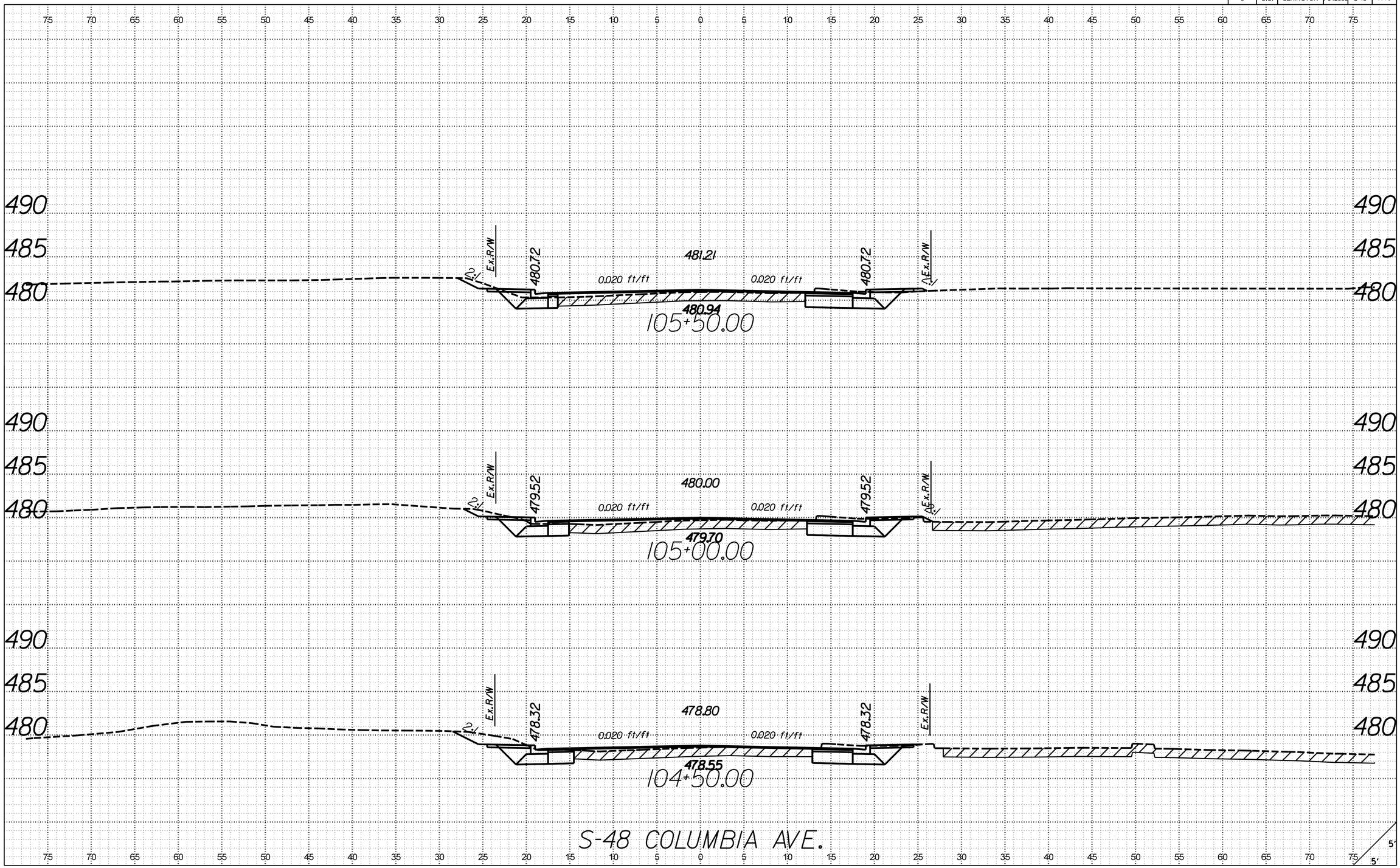

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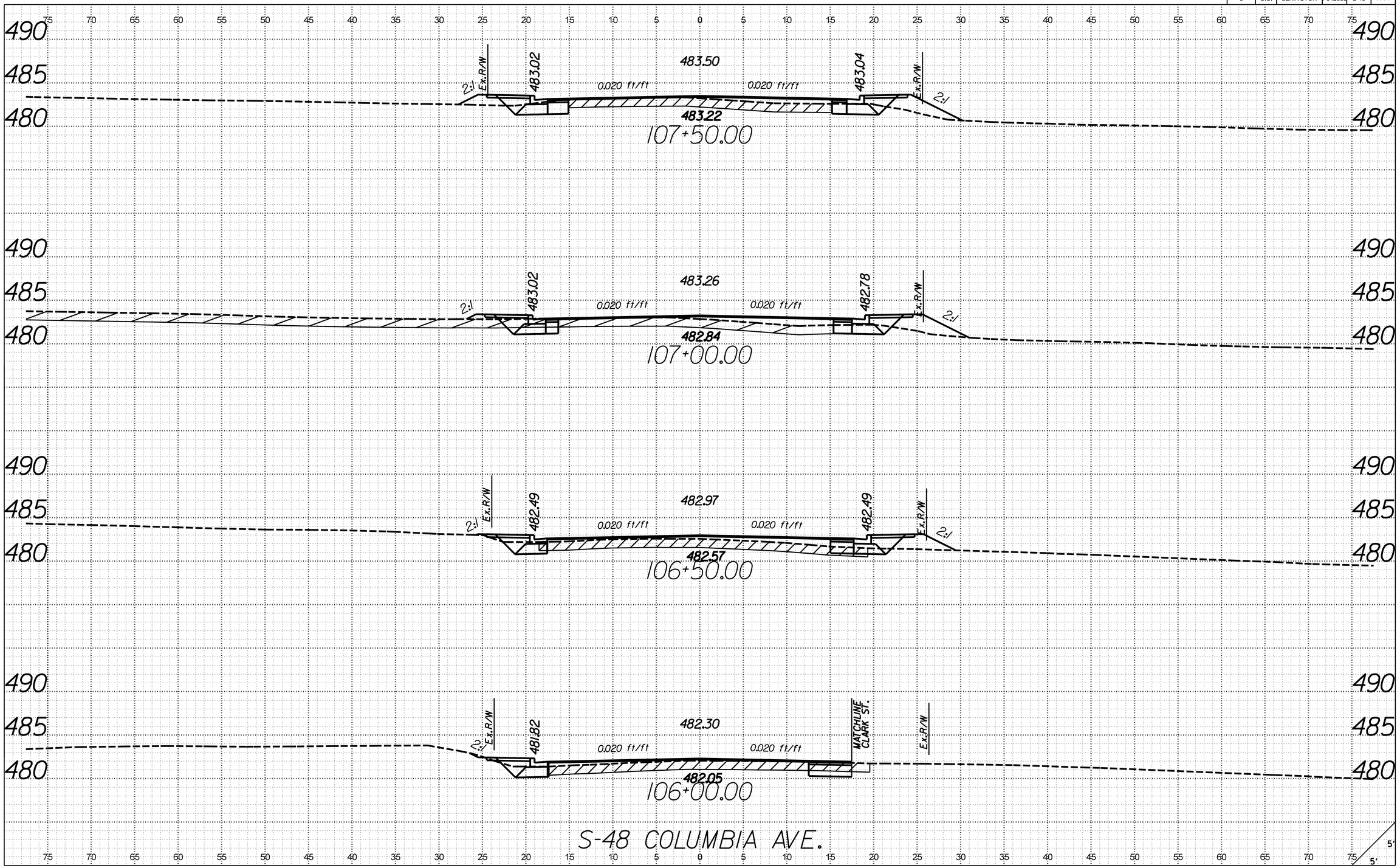

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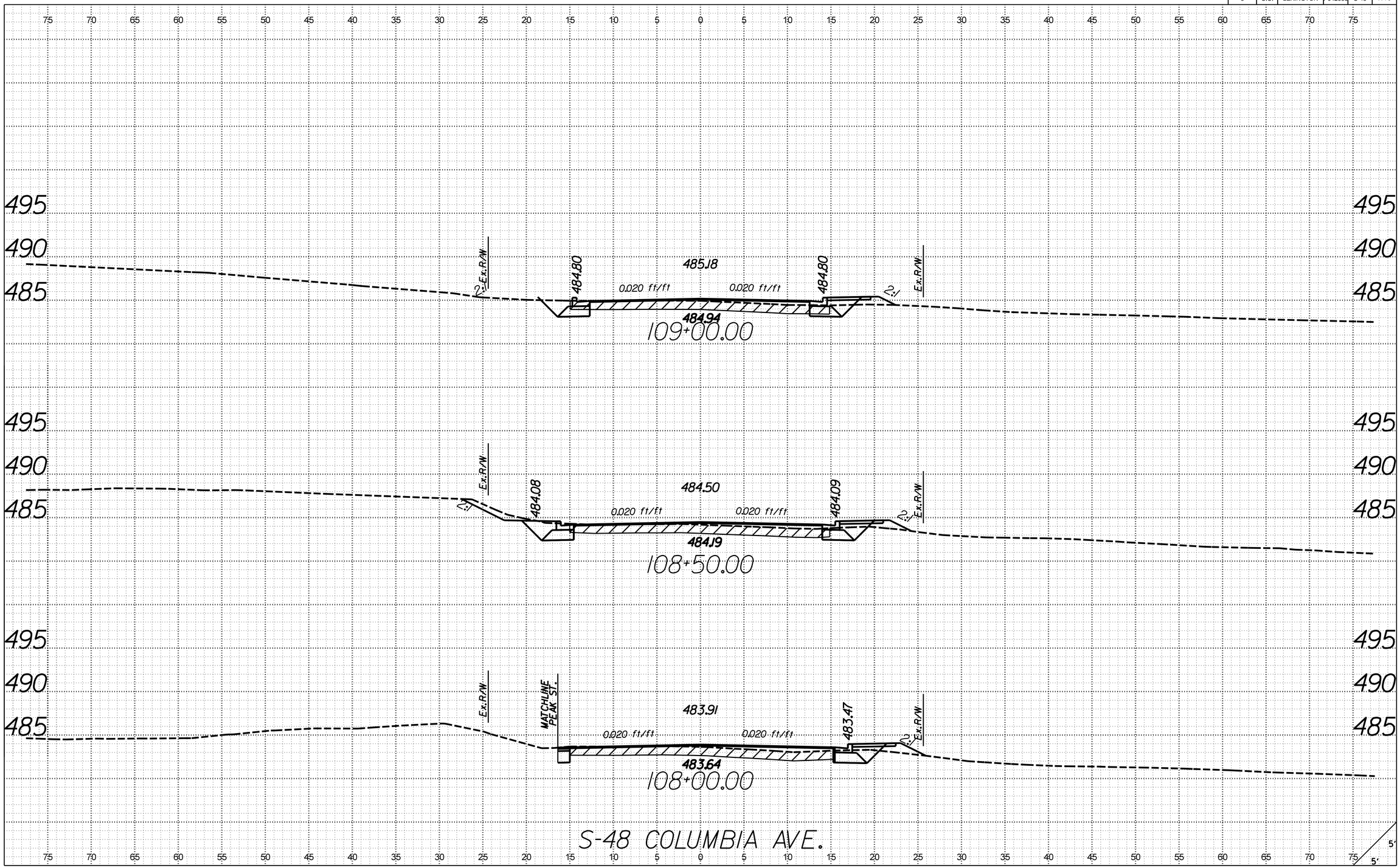
3	S.C.	LEXINGTON	P042383	S-48	X-75



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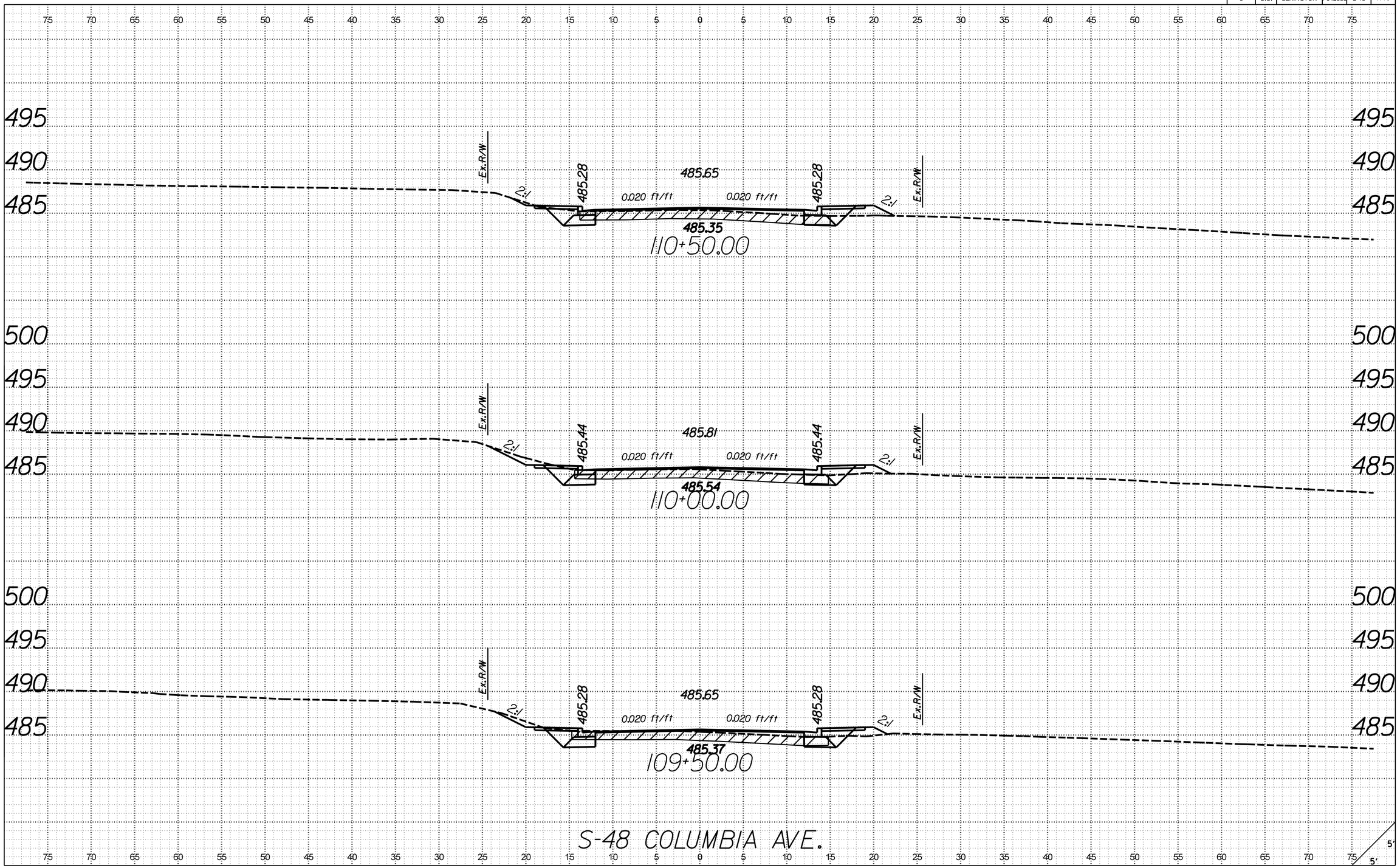
3	S.C.	LEXINGTON	P042383	S-48	X-76



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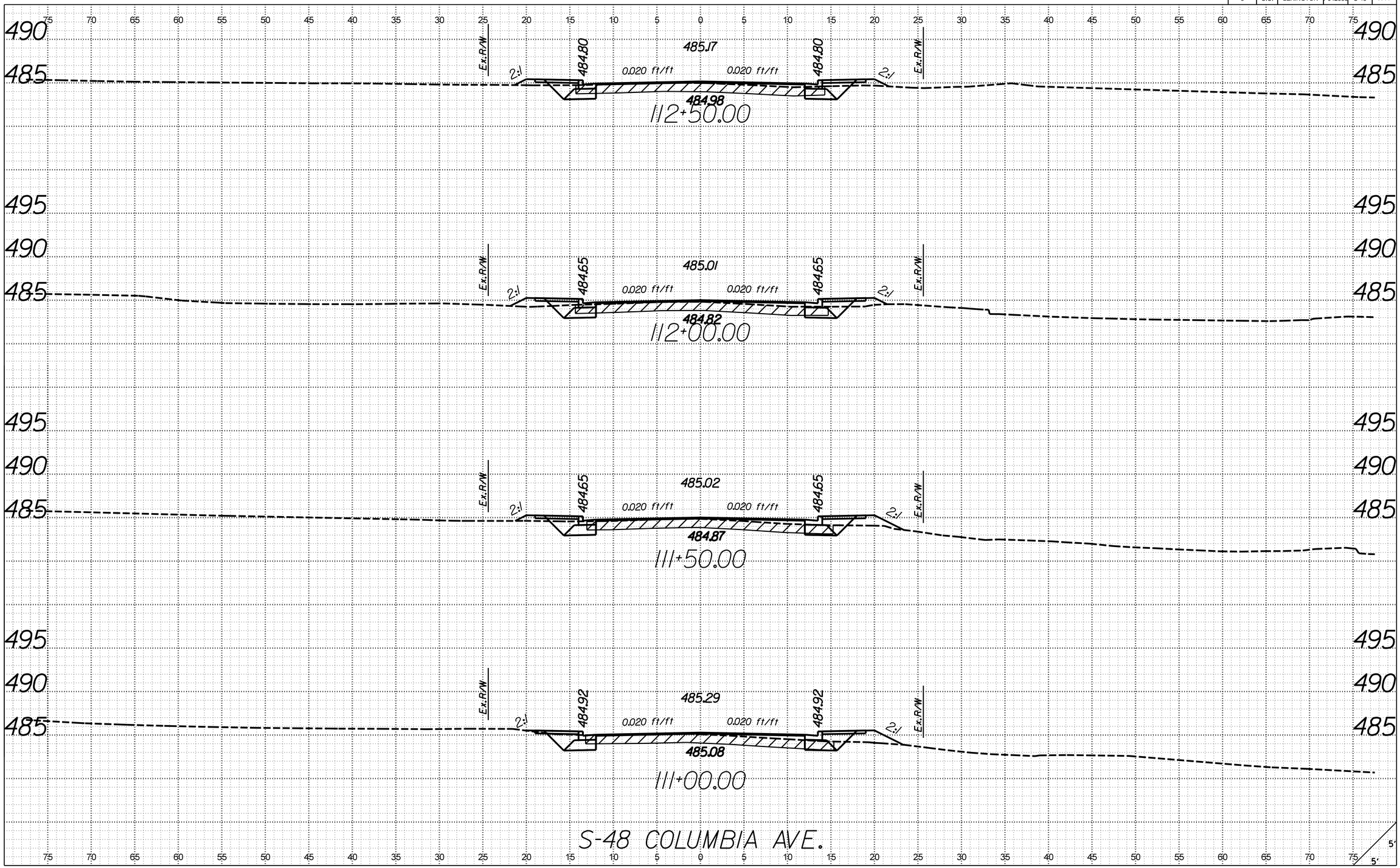
3	S.C.	LEXINGTON	P042383	S-48	X-77



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3/21/2017
9:17:52 AM

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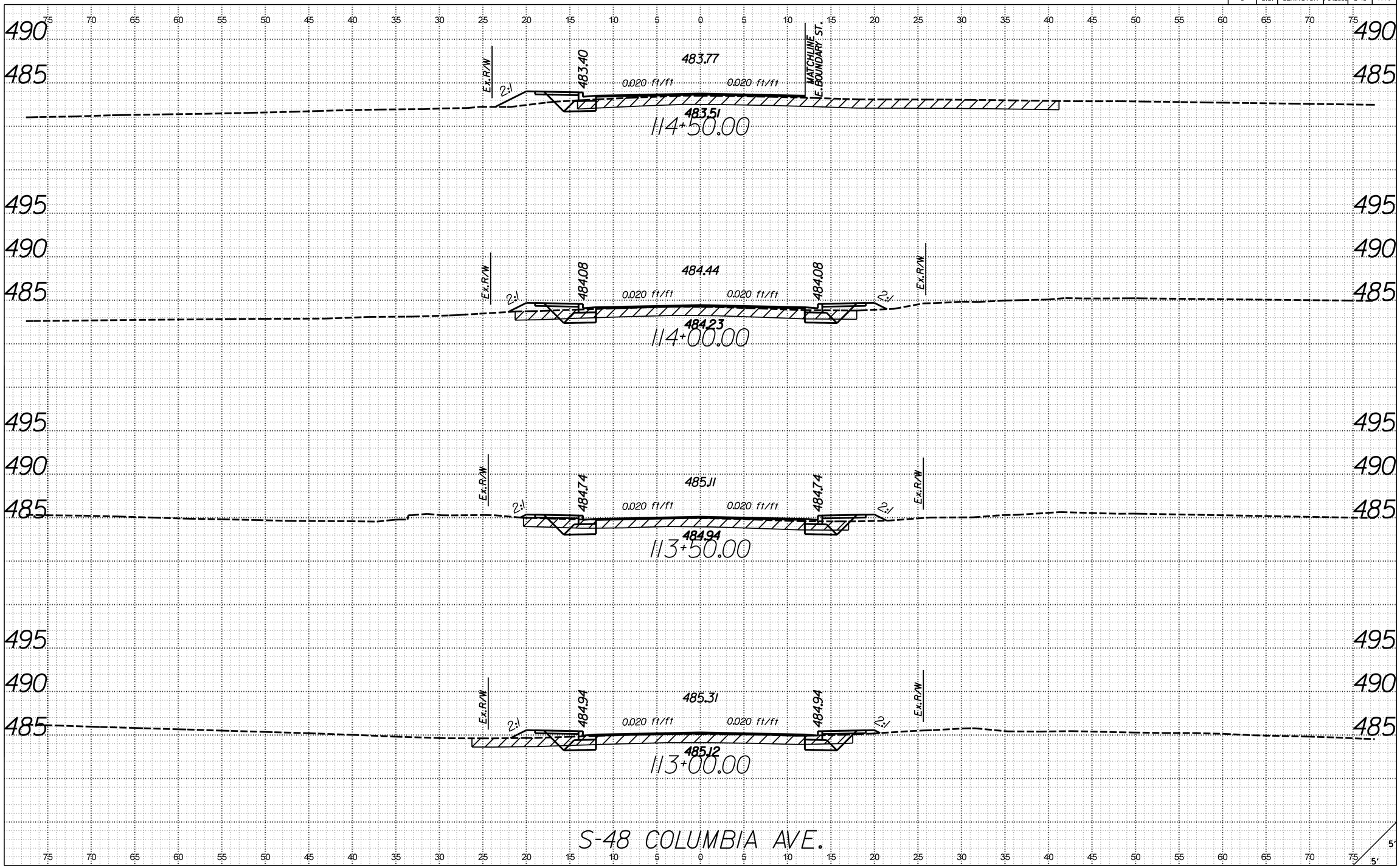
3	S.C.	LEXINGTON	P042383	S-48	X-78



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9:17:54 AM

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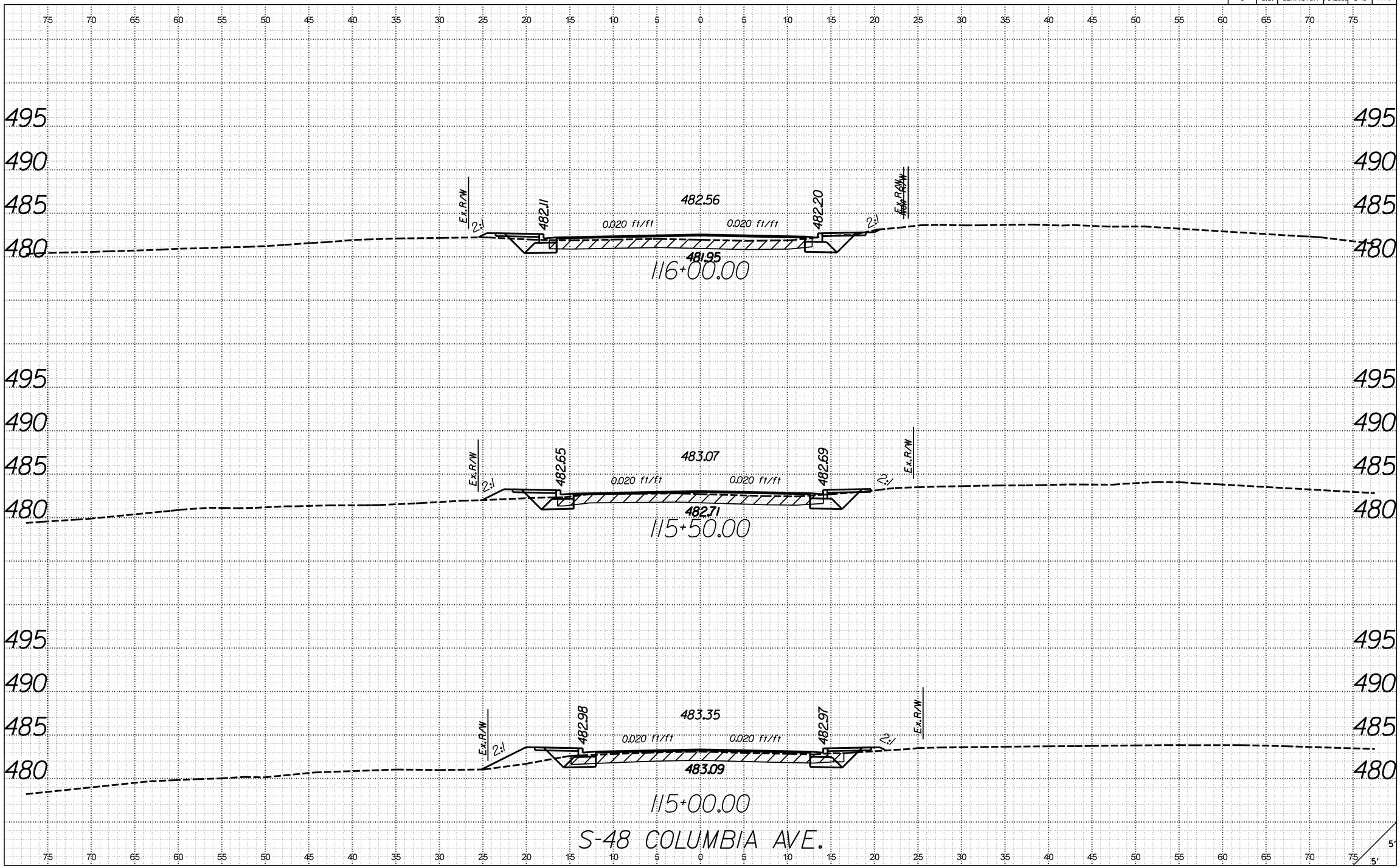

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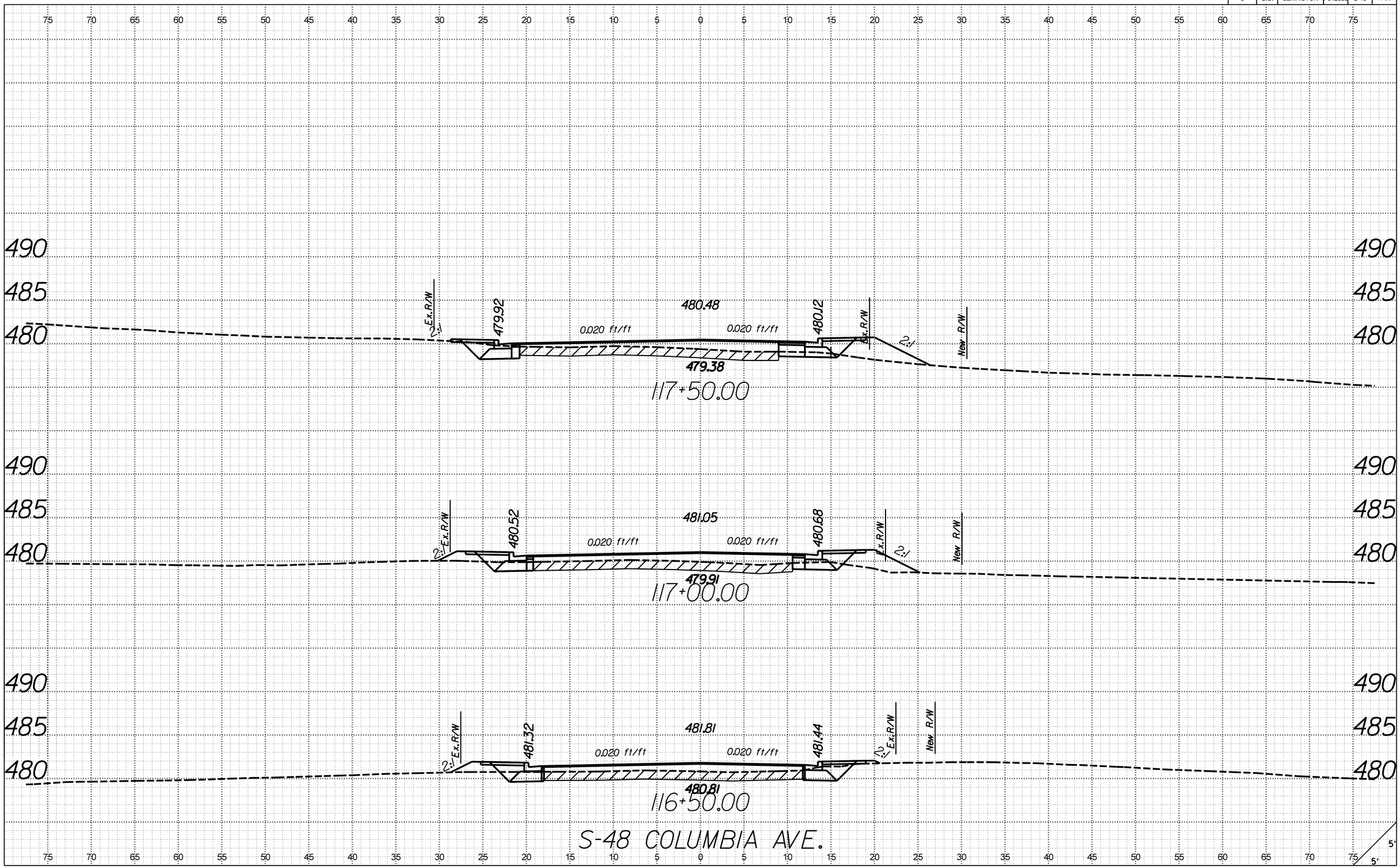

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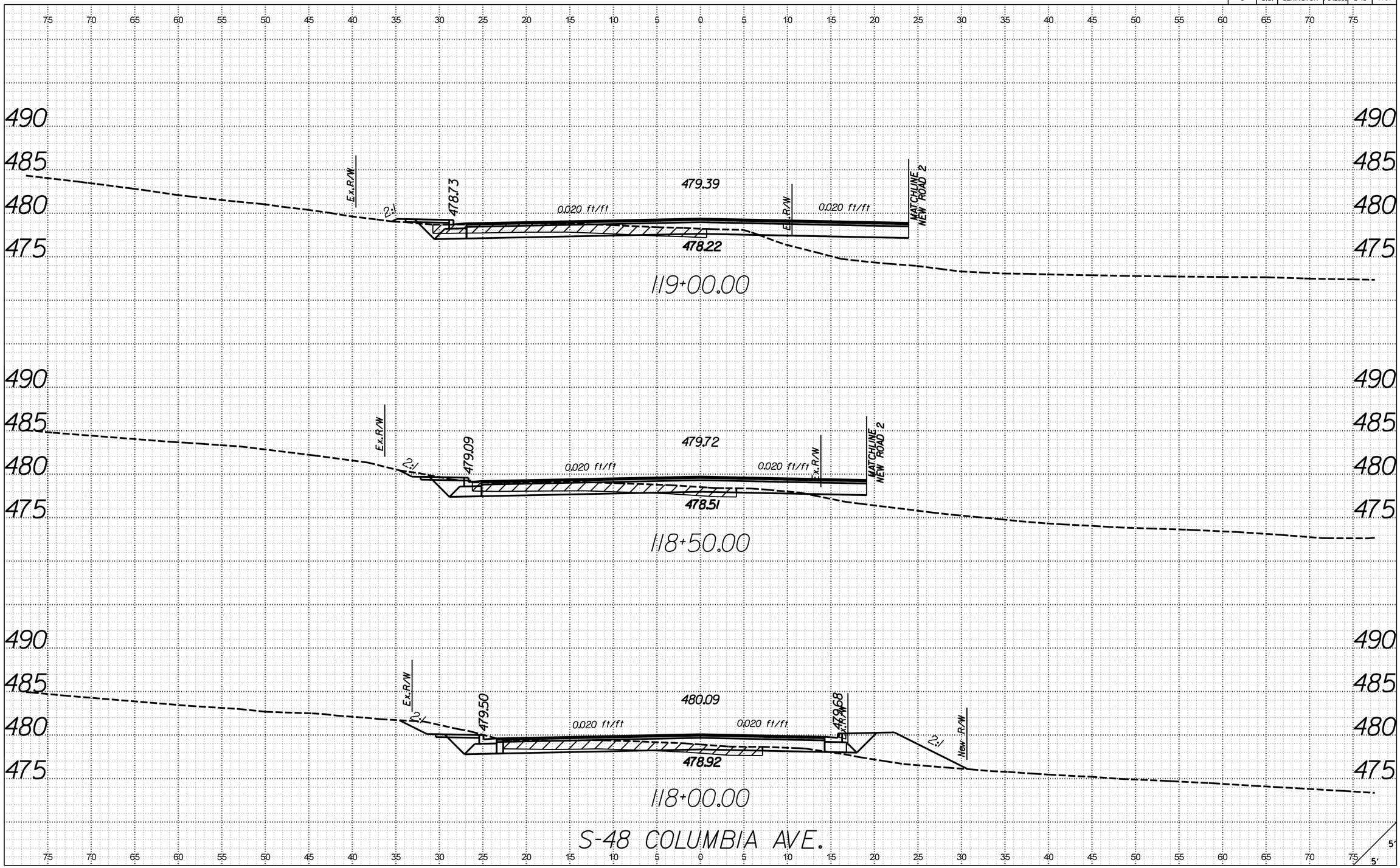

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3/21/2017
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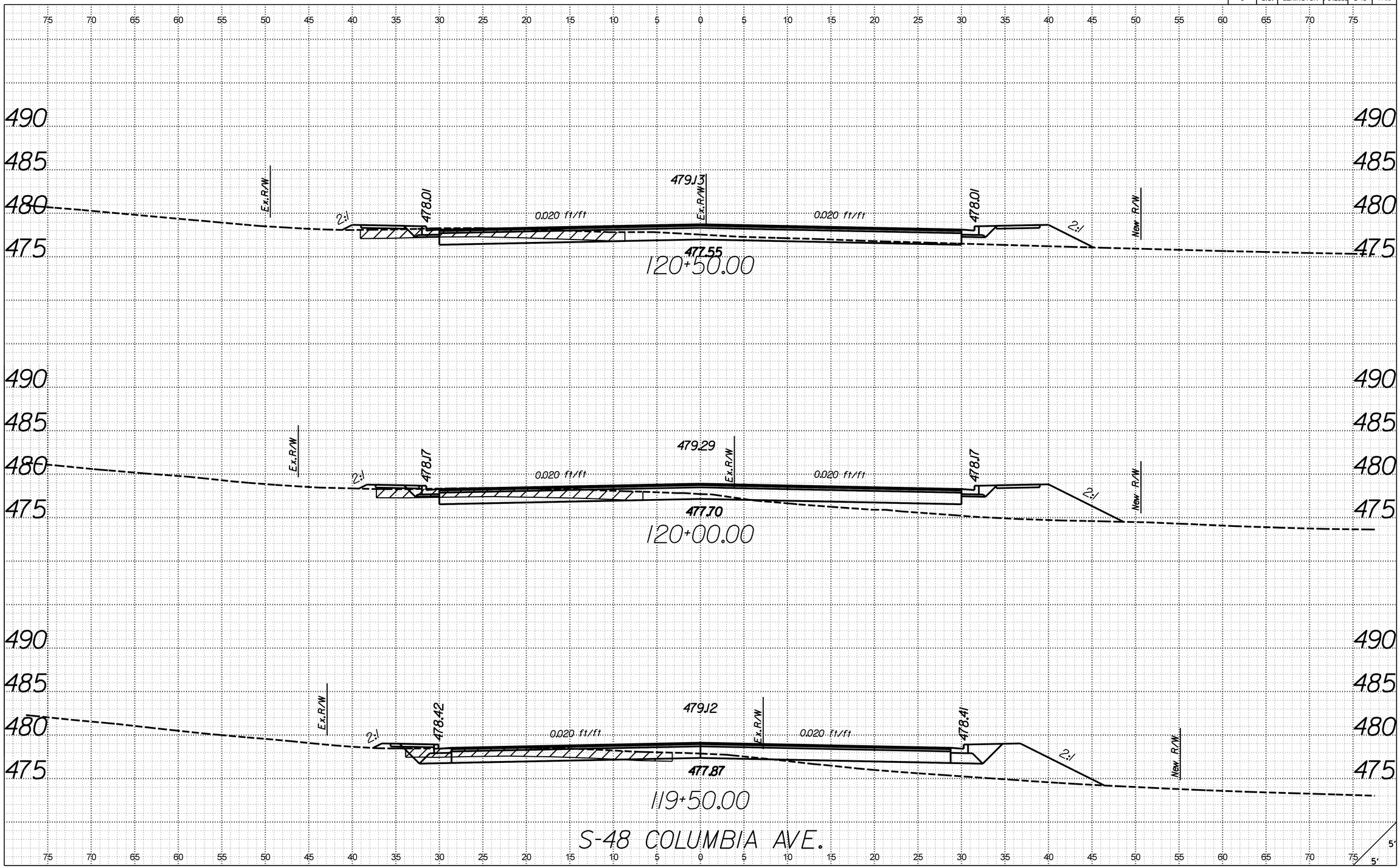

S-48 COLUMBIA AVE.

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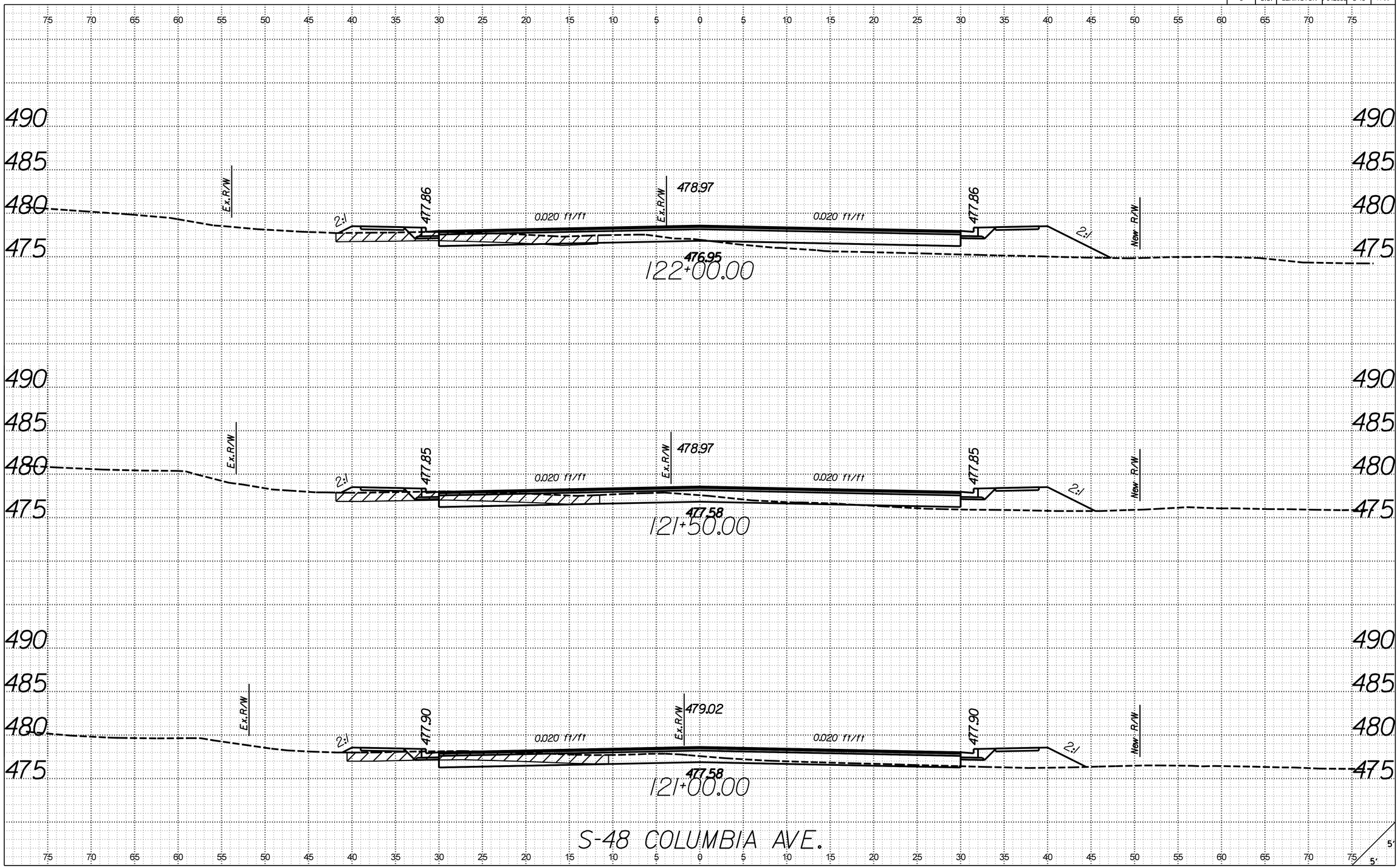

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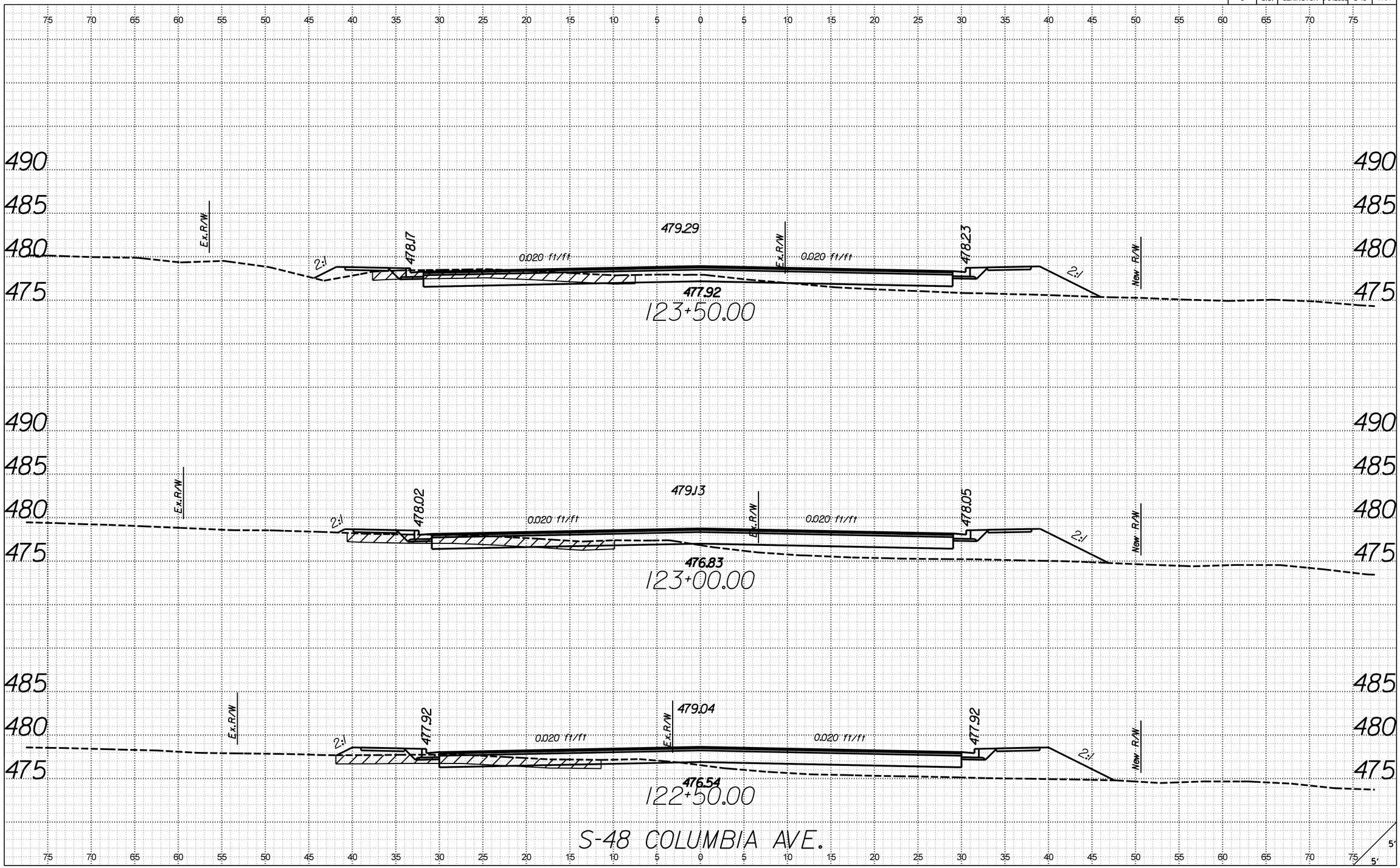

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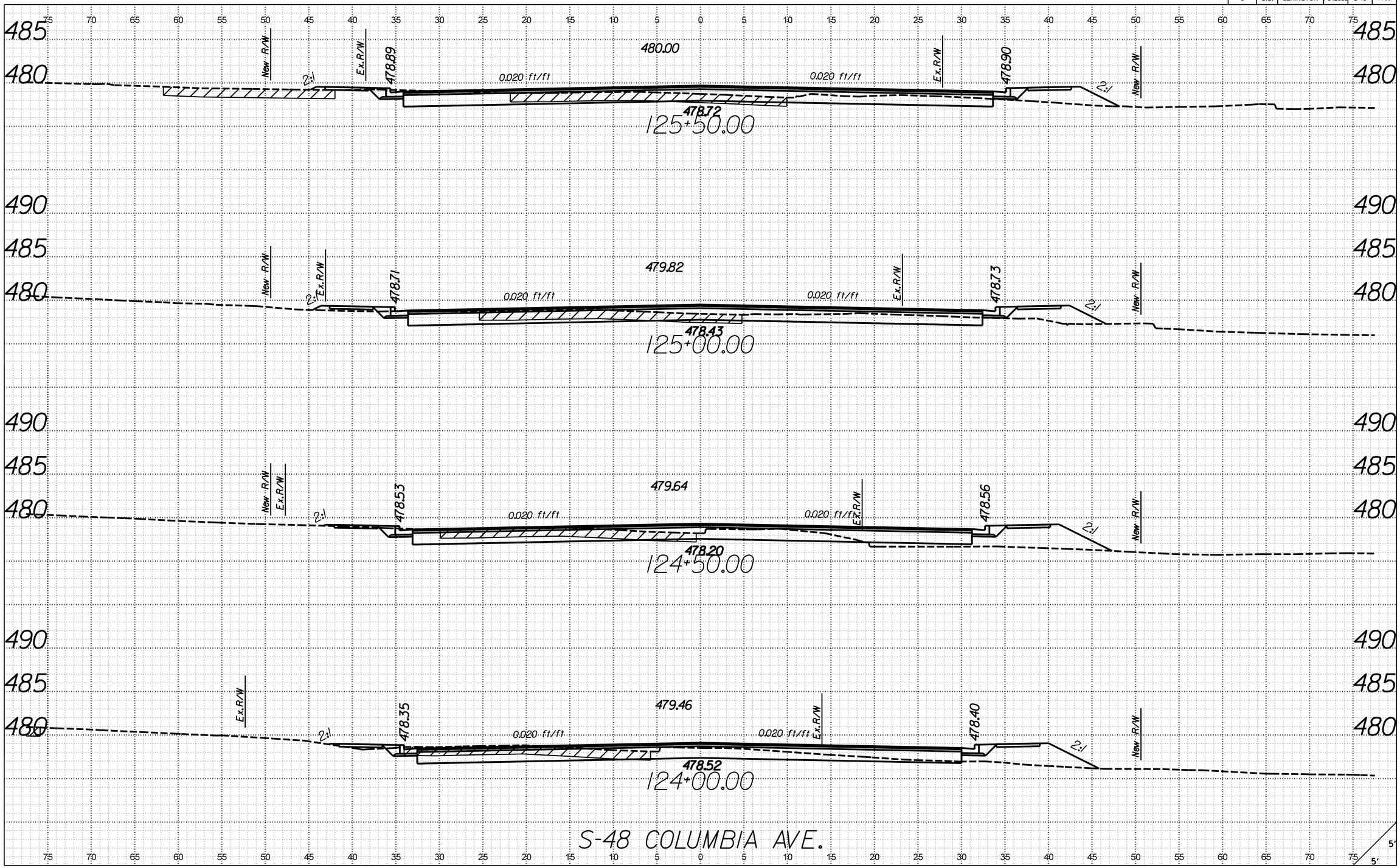

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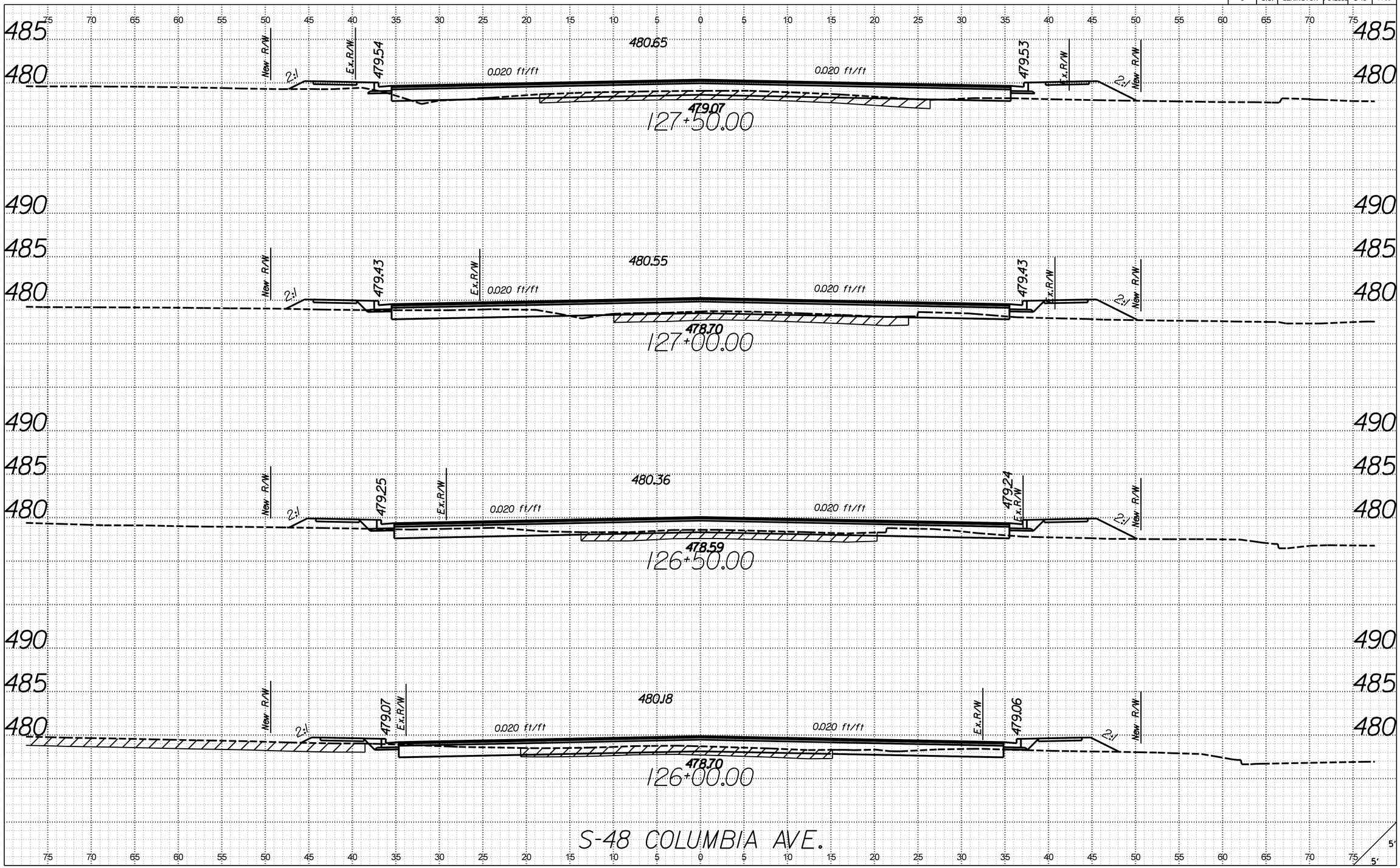

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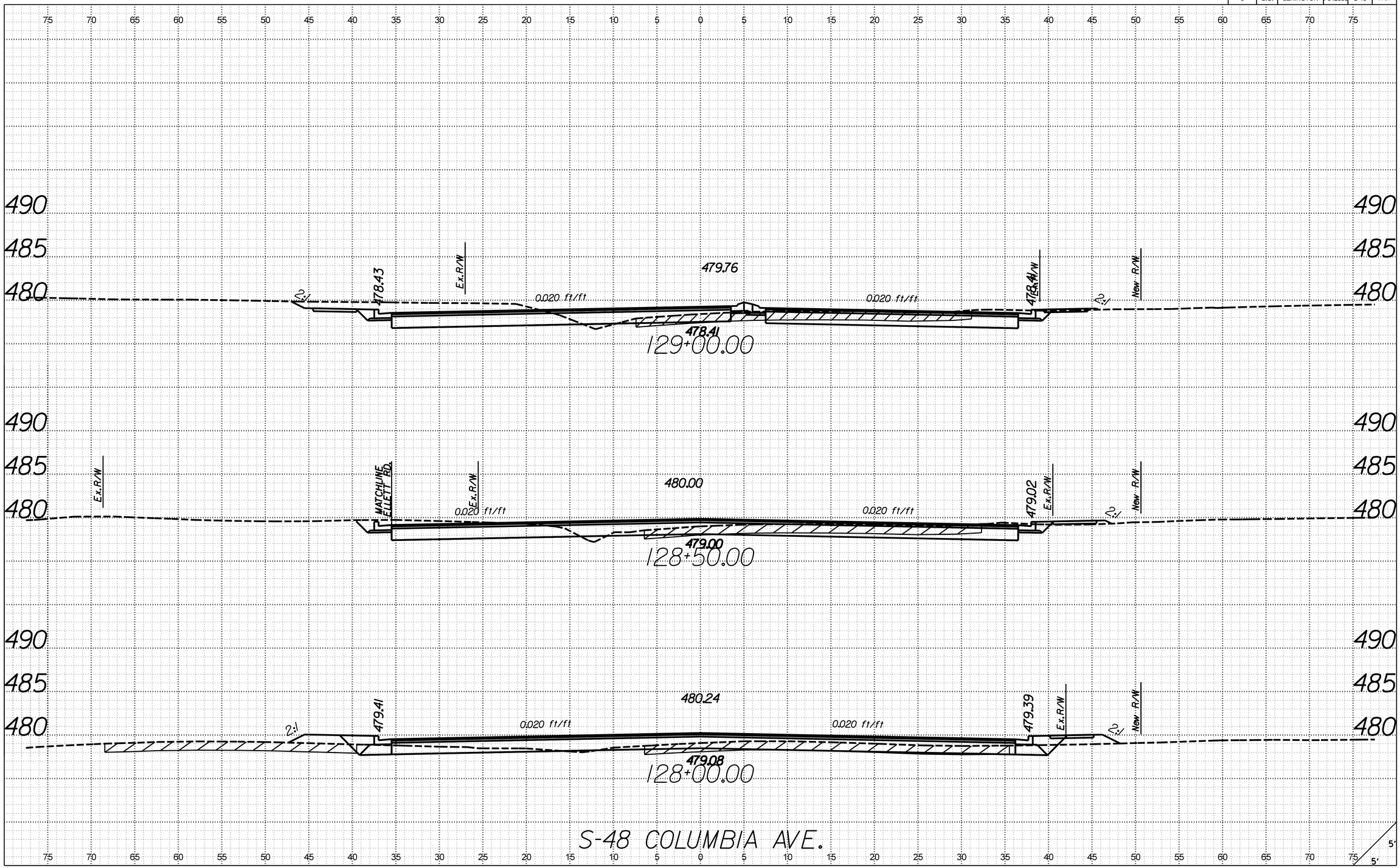

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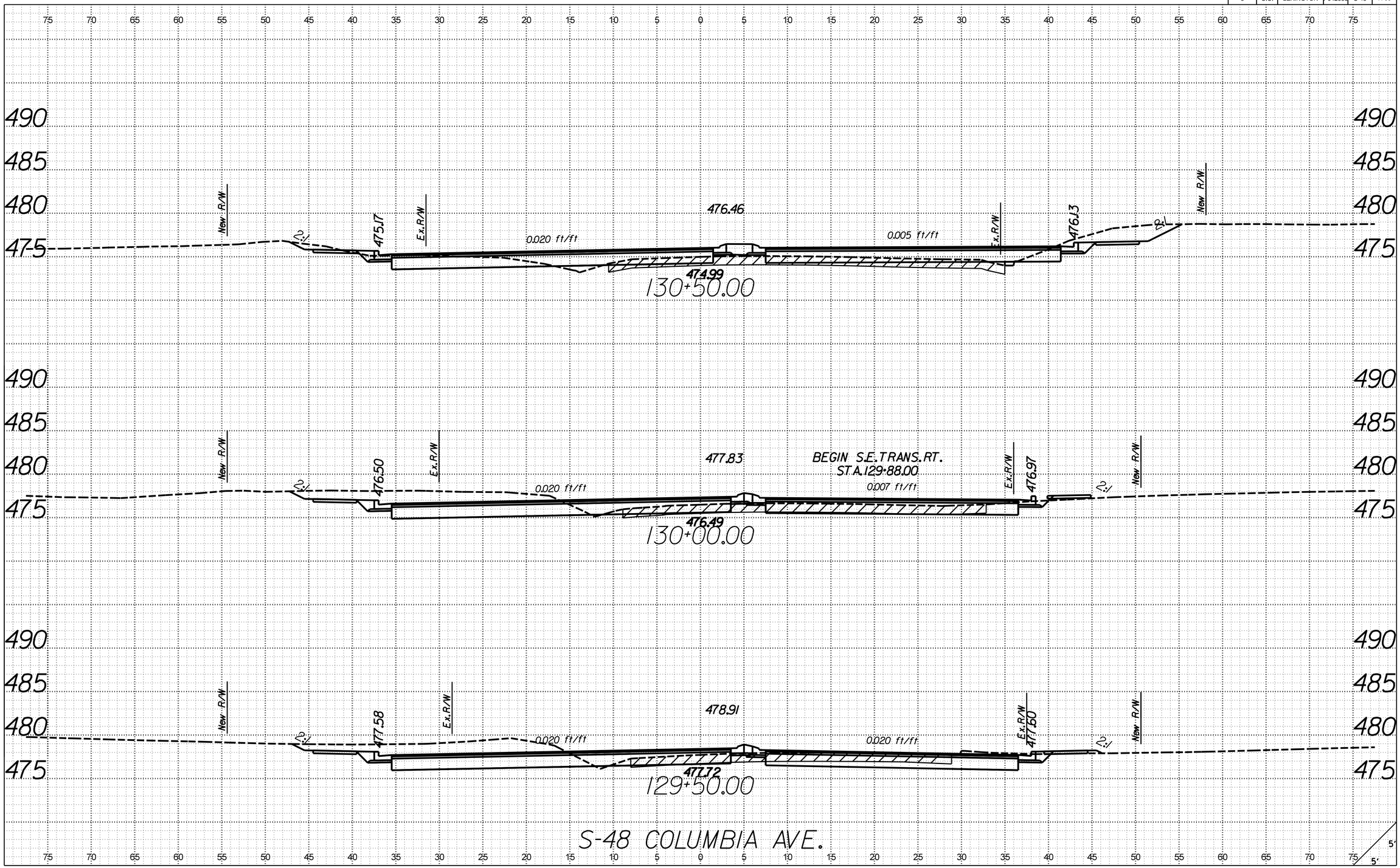

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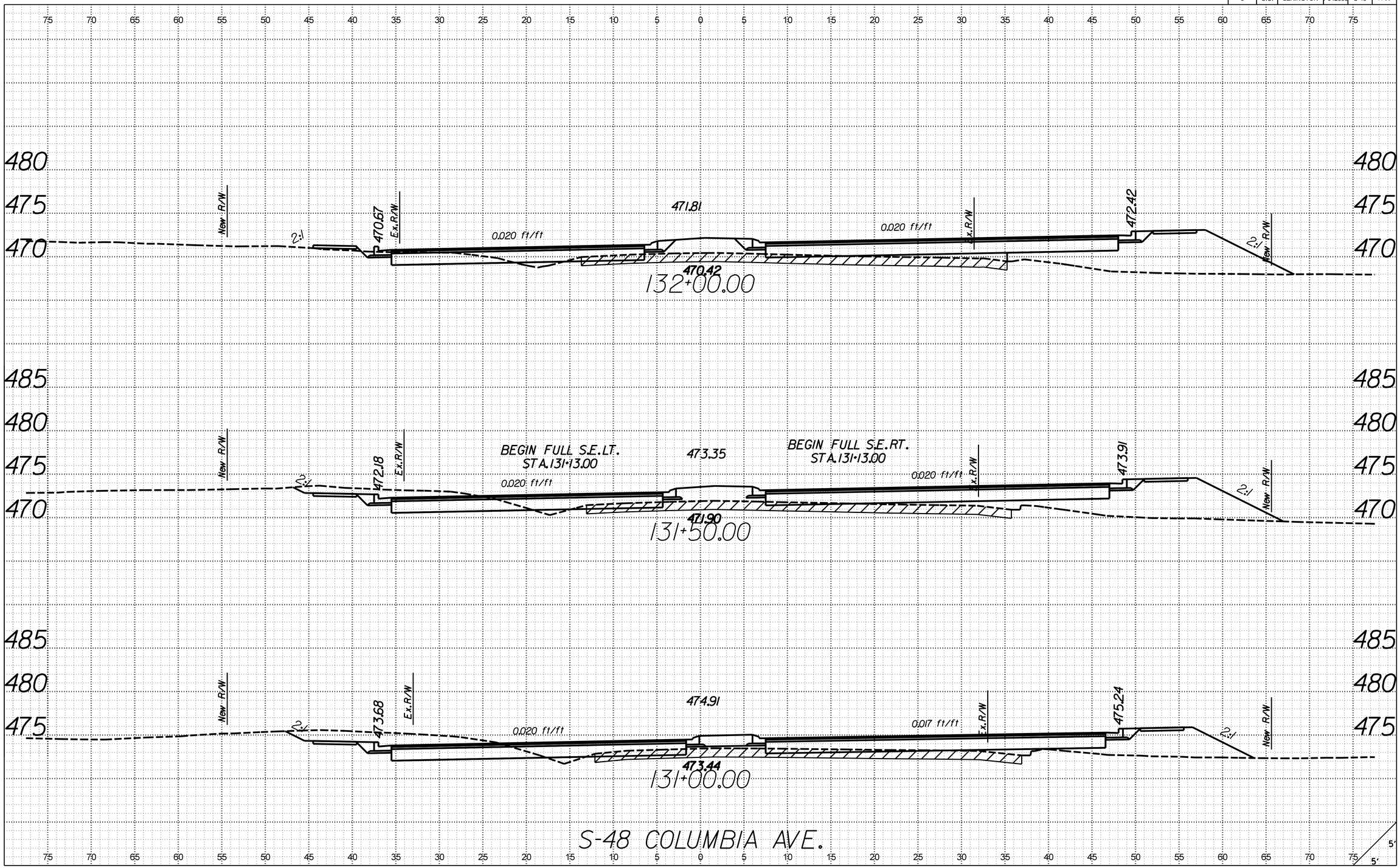

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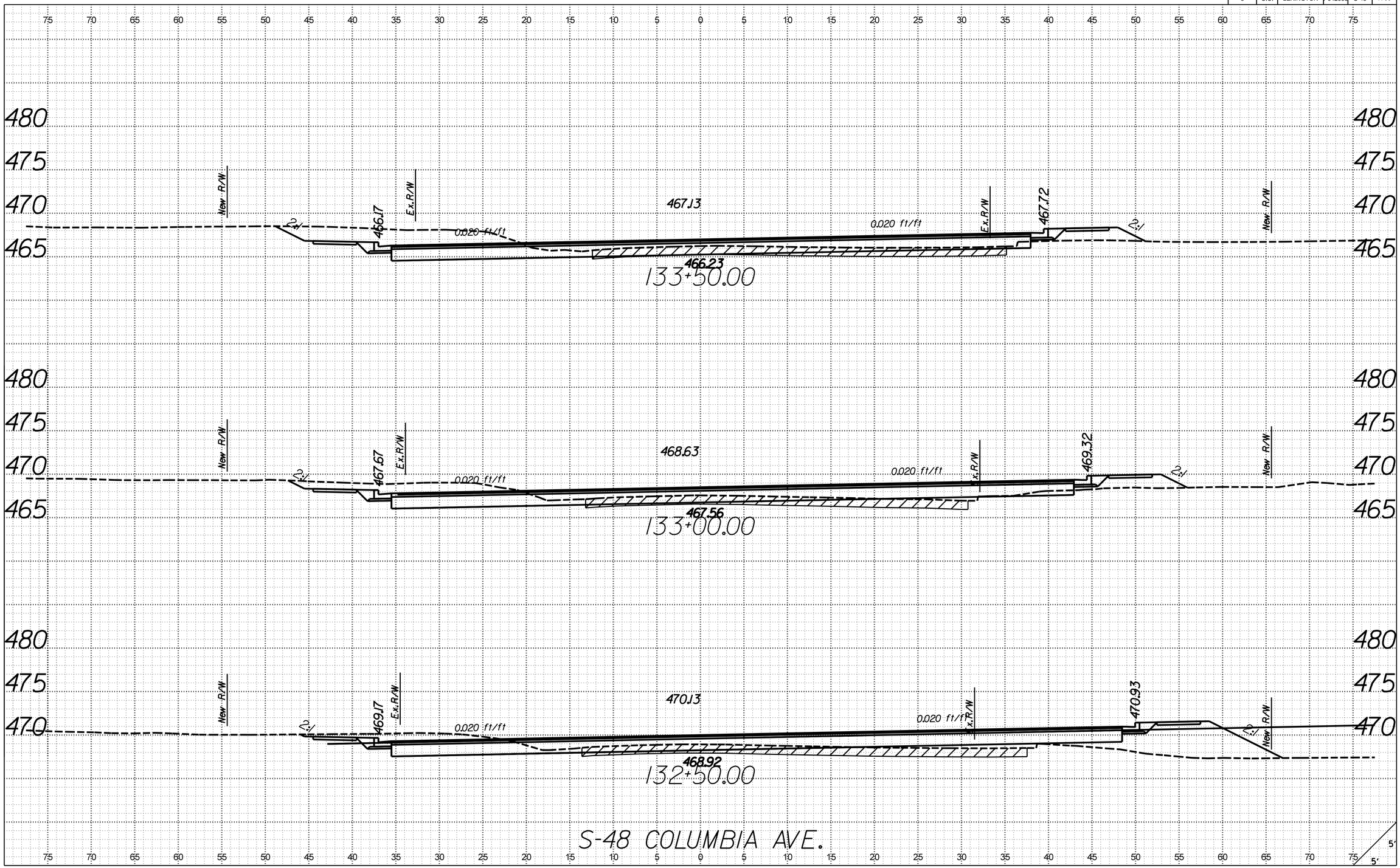

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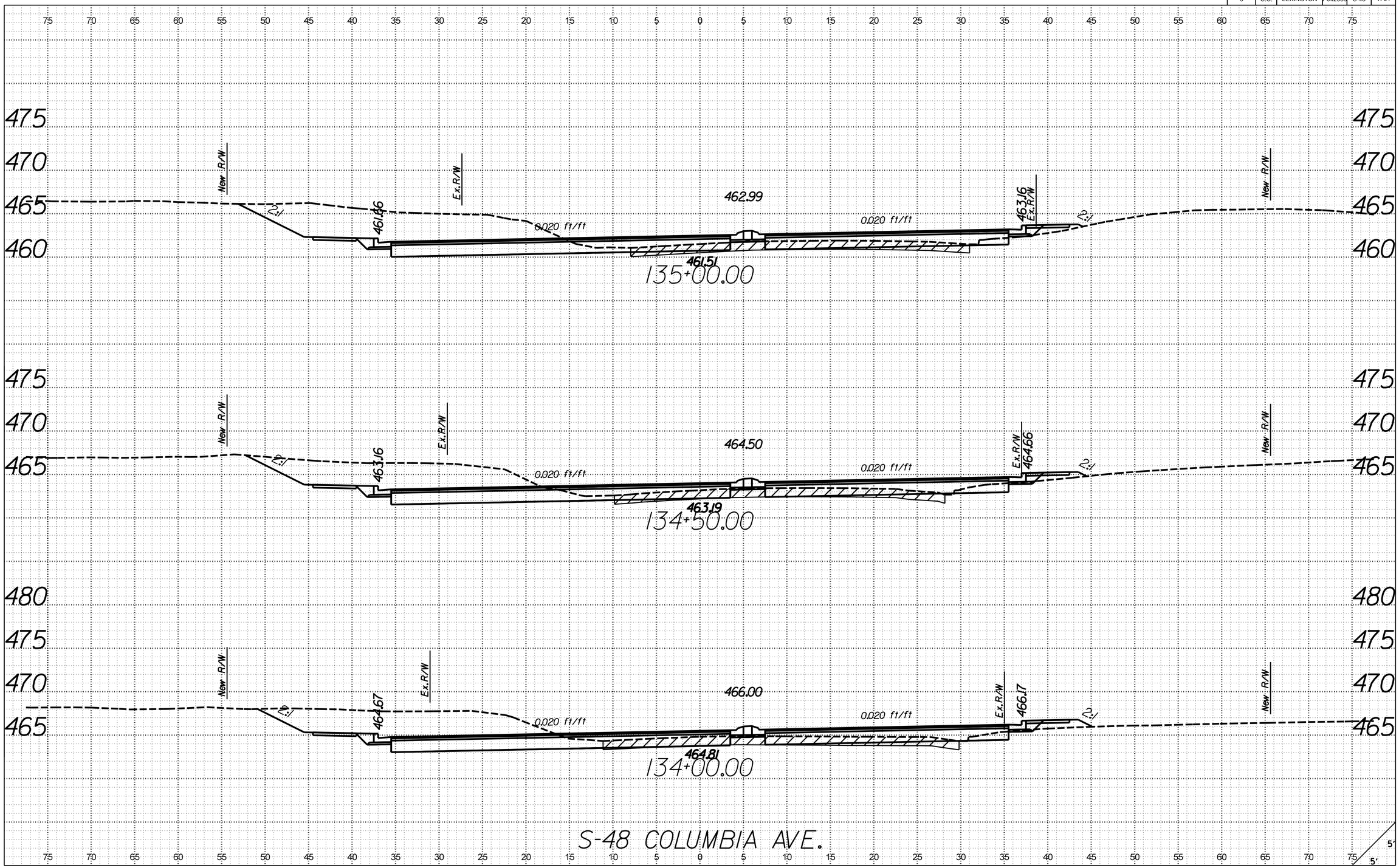
3	S.C.	LEXINGTON	P042383	S-48	X-91



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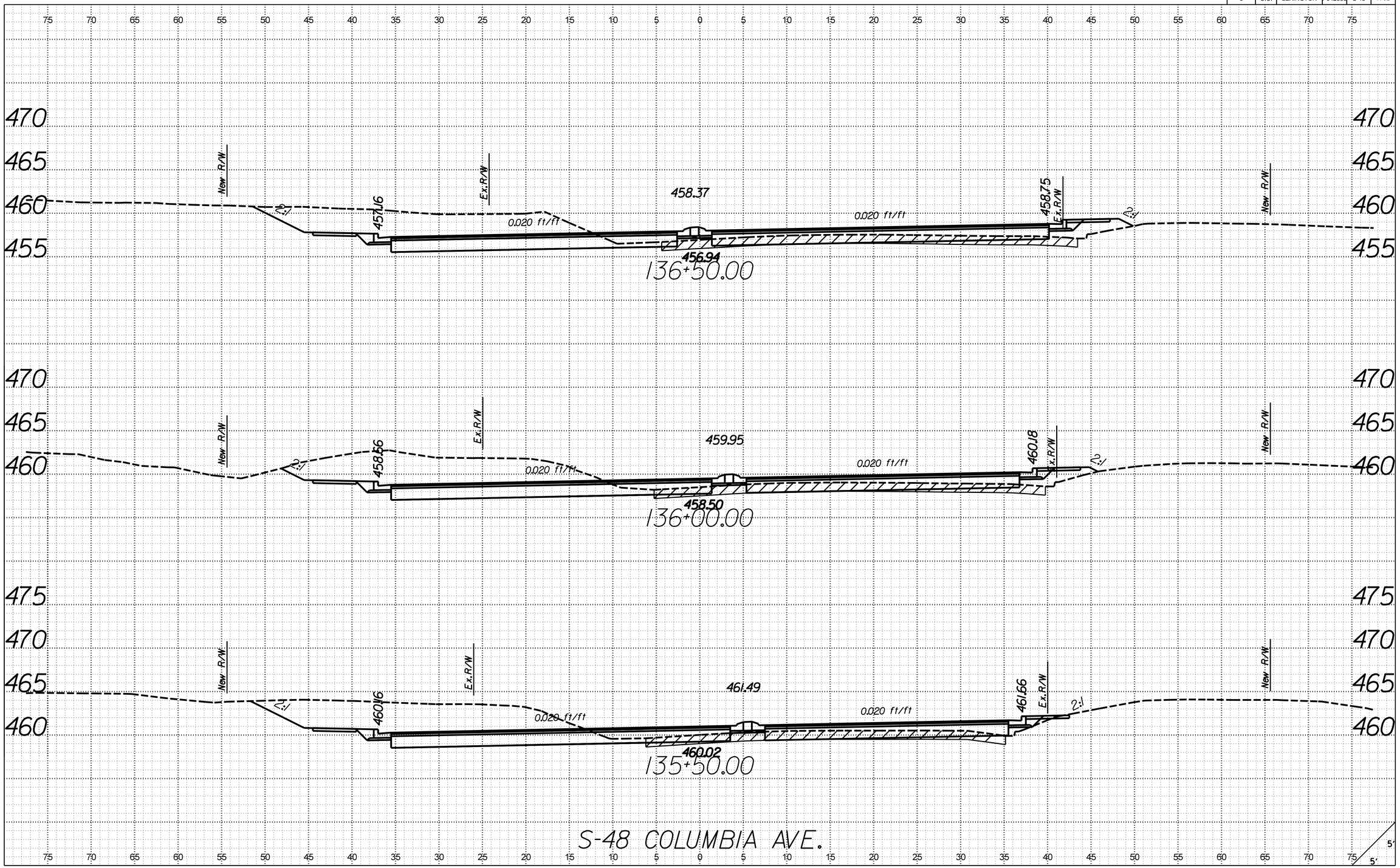

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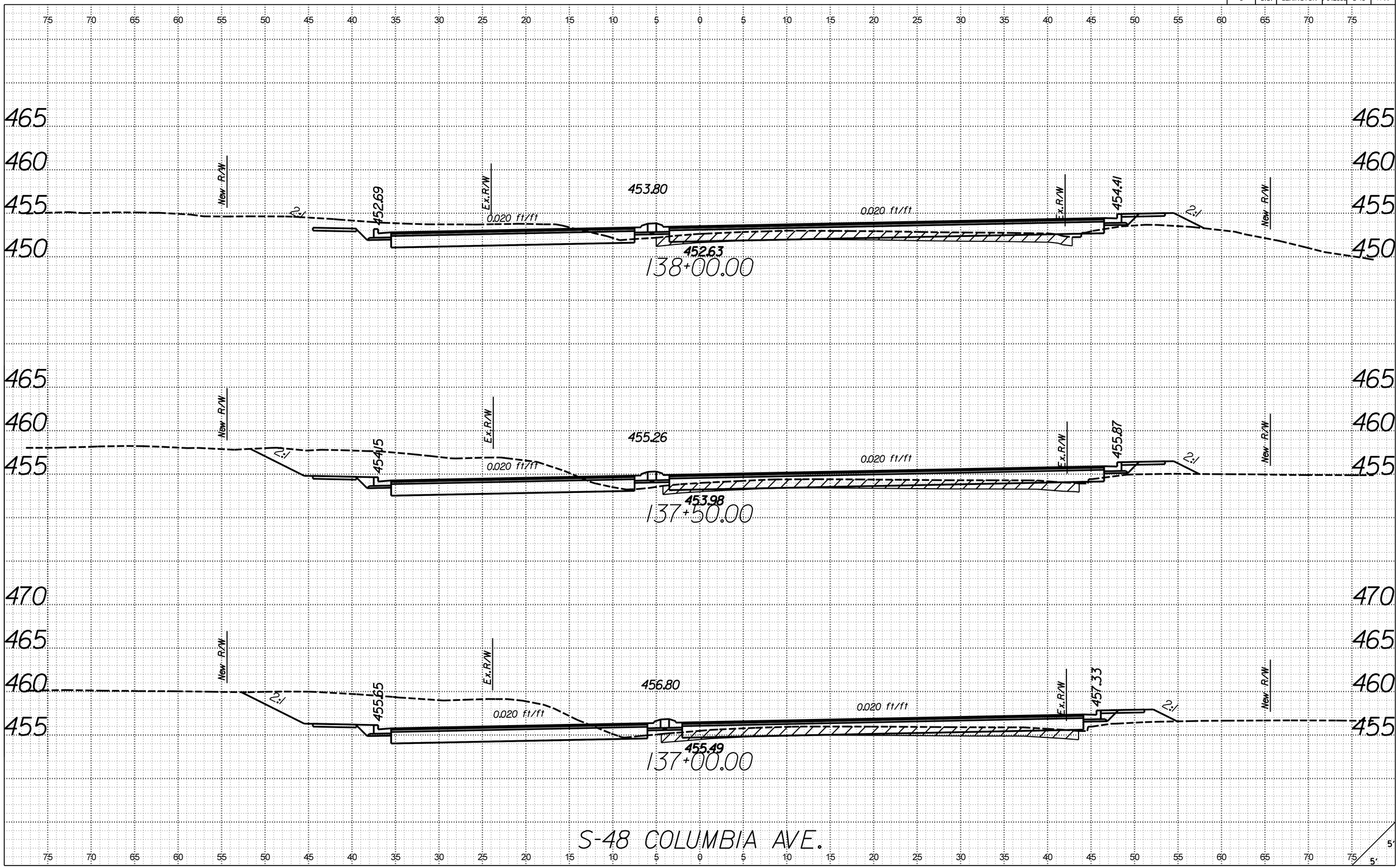
3	S.C.	LEXINGTON	P042383	S-48	X-93



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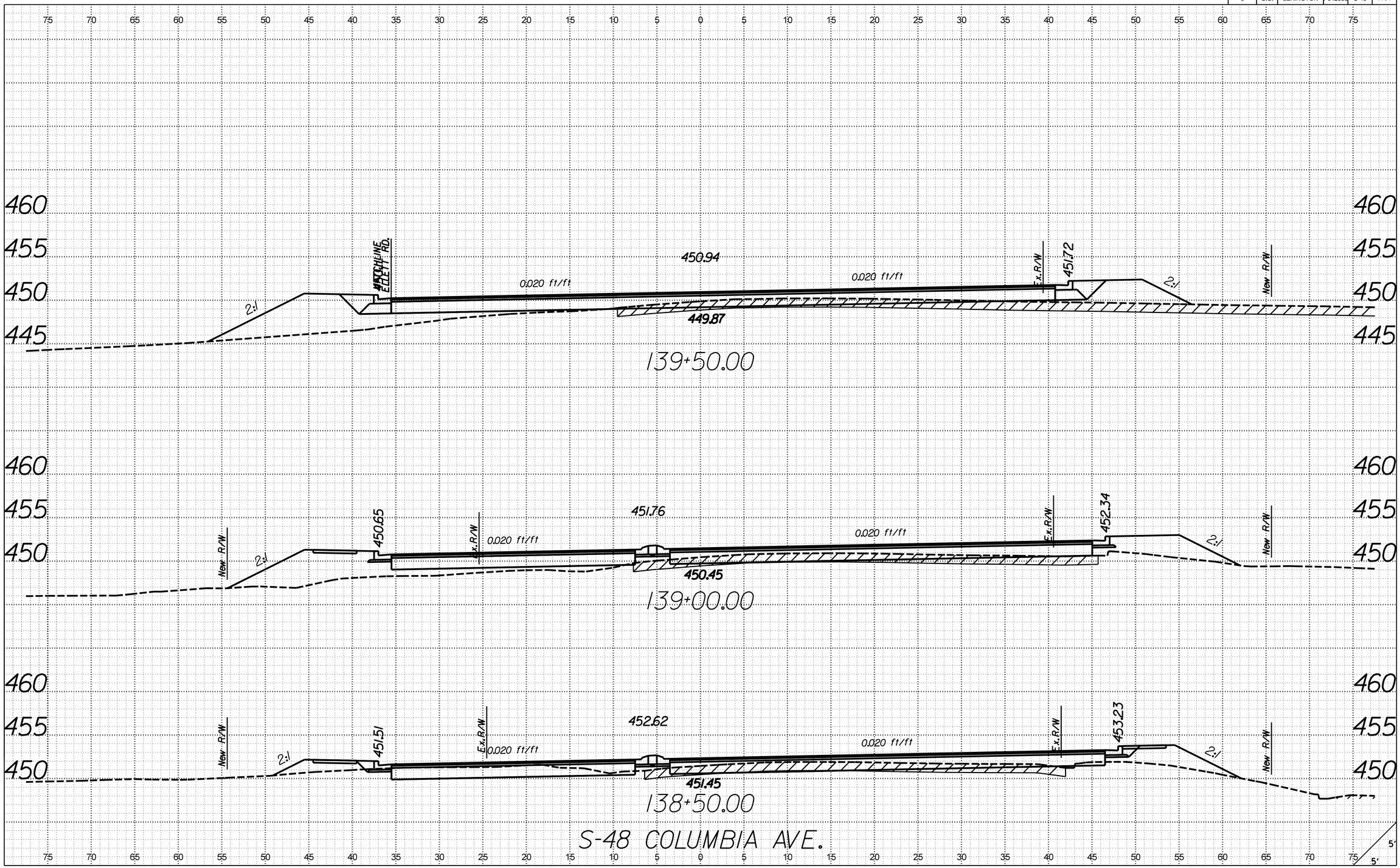
3	S.C.	LEXINGTON	P042383	S-48	X-94



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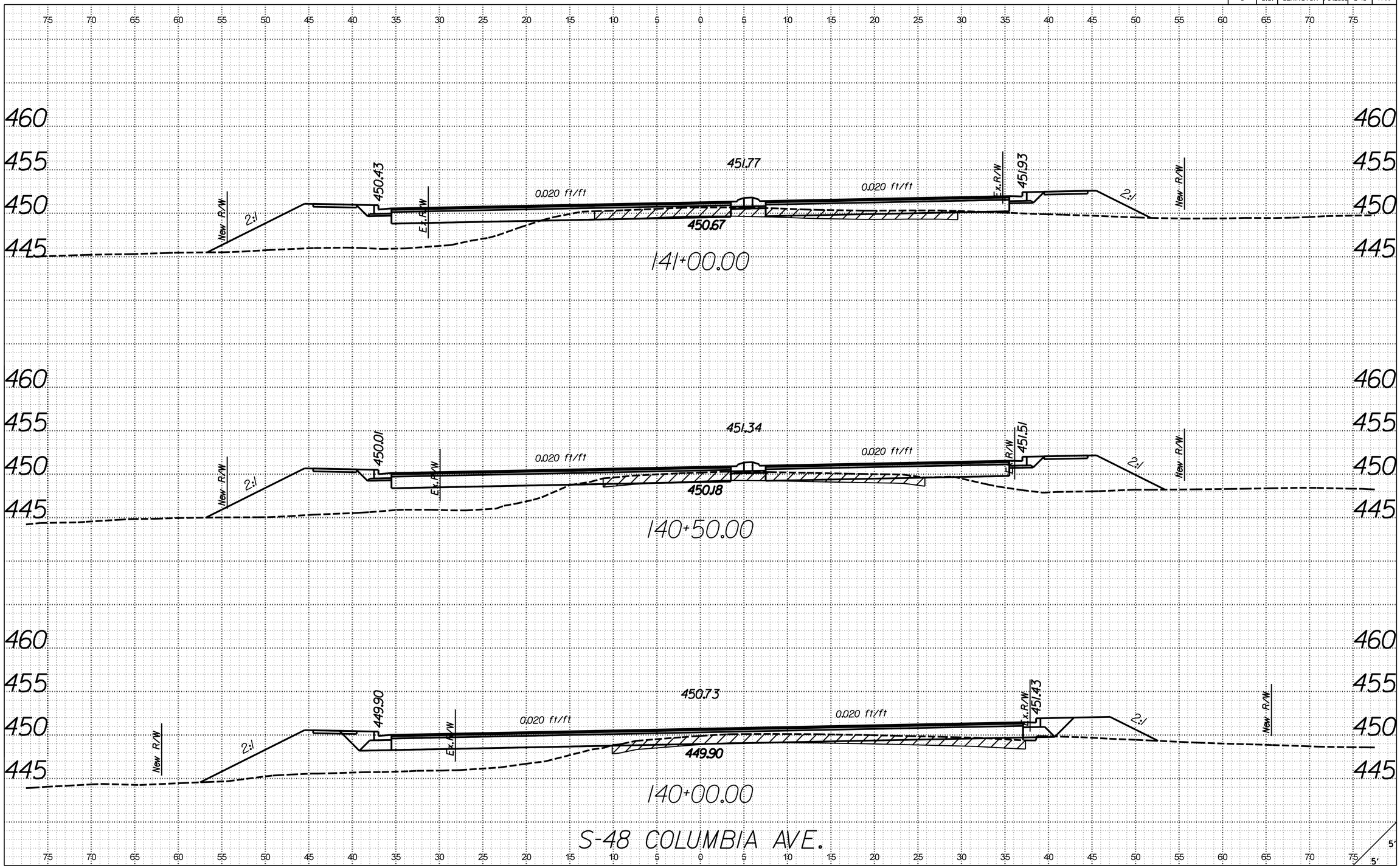
3	S.C.	LEXINGTON	P042383	S-48	X-95



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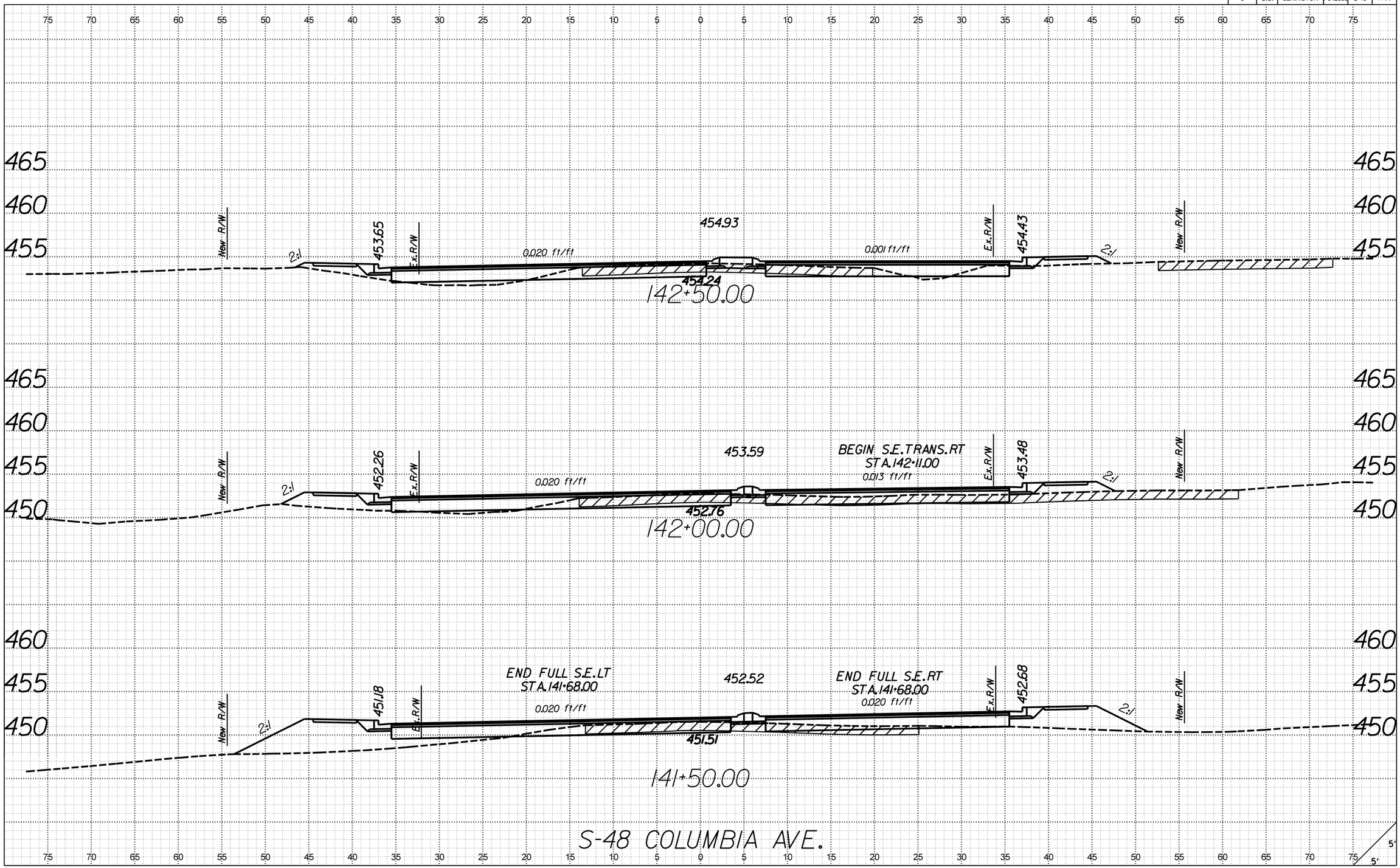
3	S.C.	LEXINGTON	P042383	S-48	X-96



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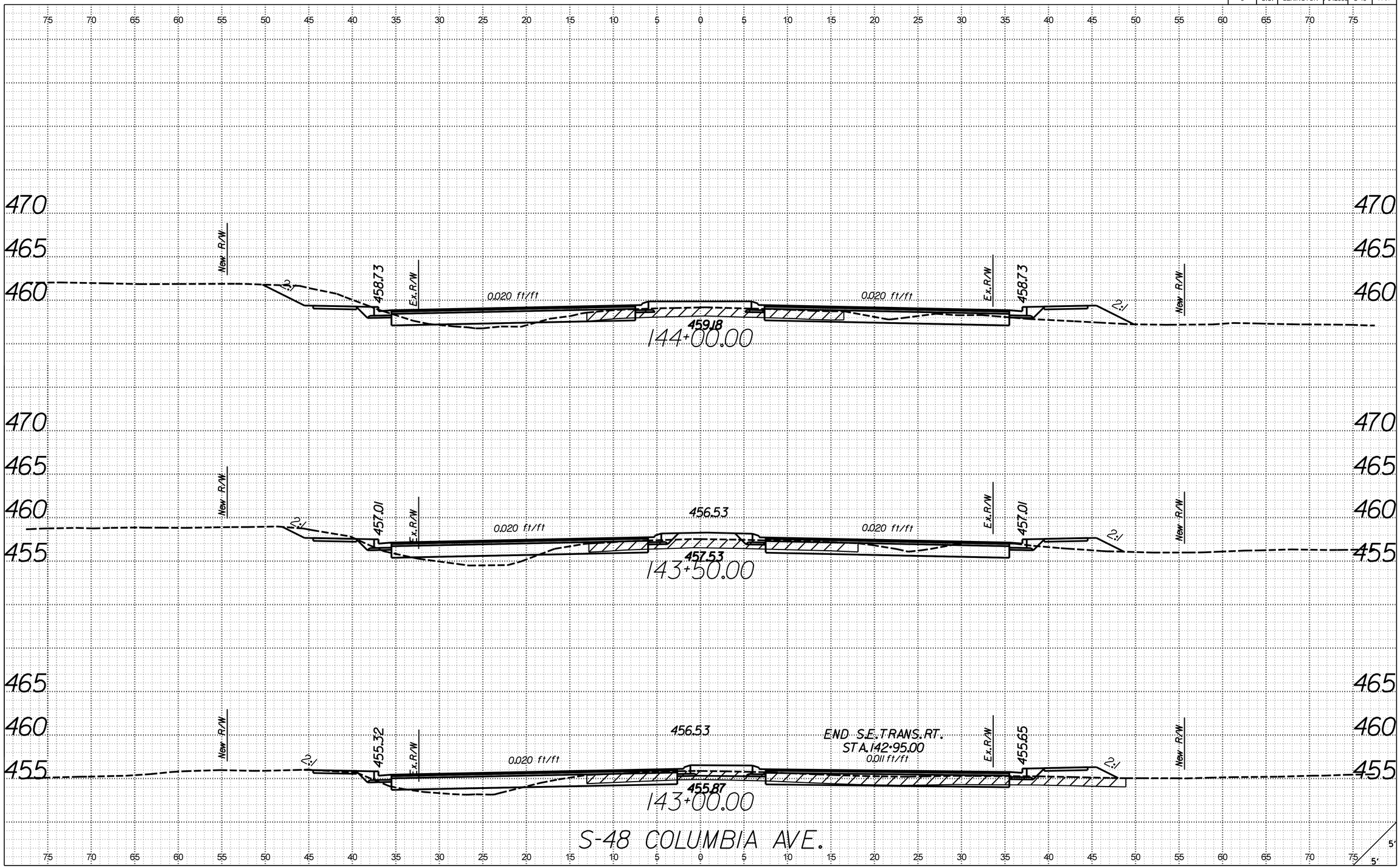

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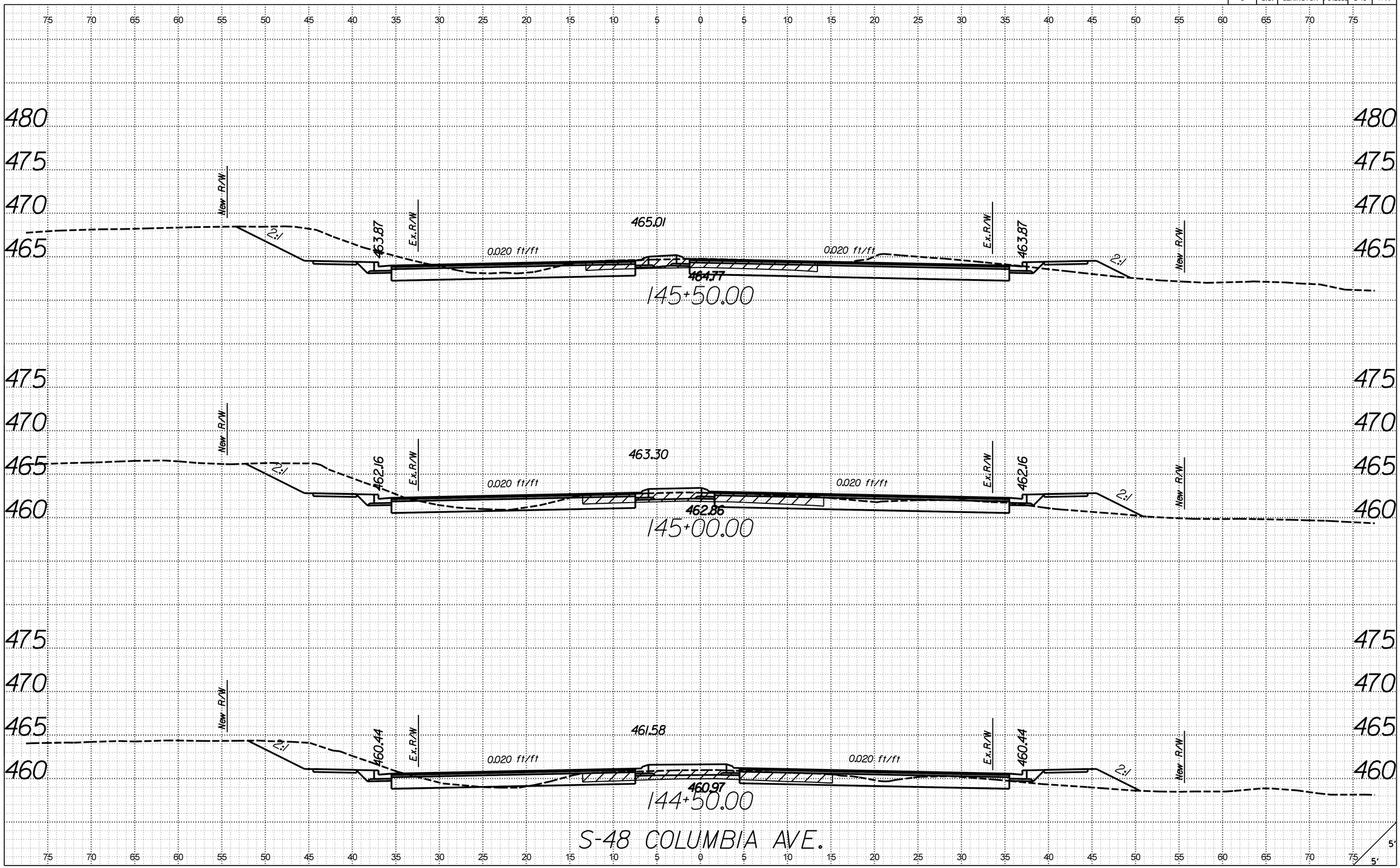
3	S.C.	LEXINGTON	P042383	S-48	X-98



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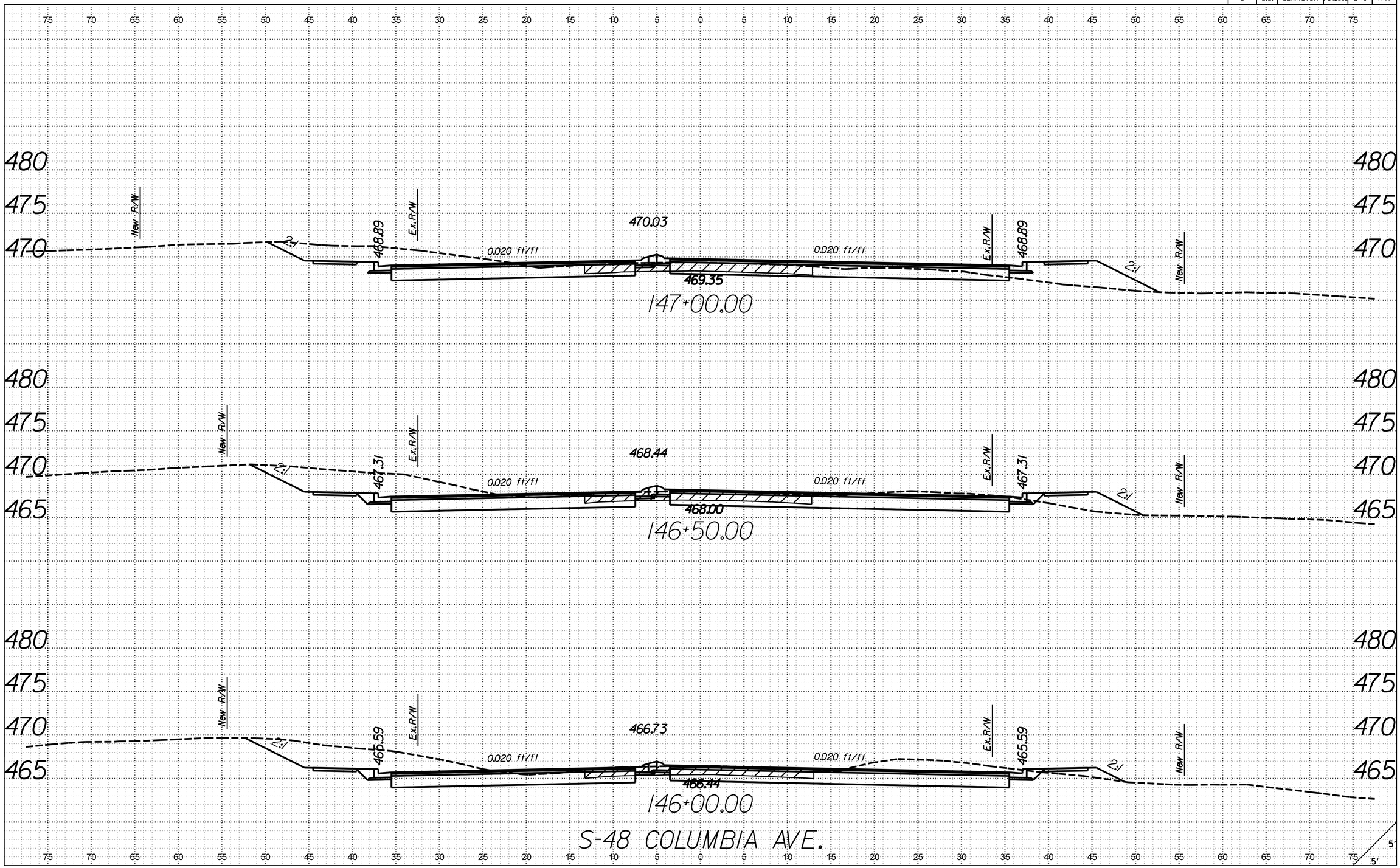
3	S.C.	LEXINGTON	P042383	S-48	X-99



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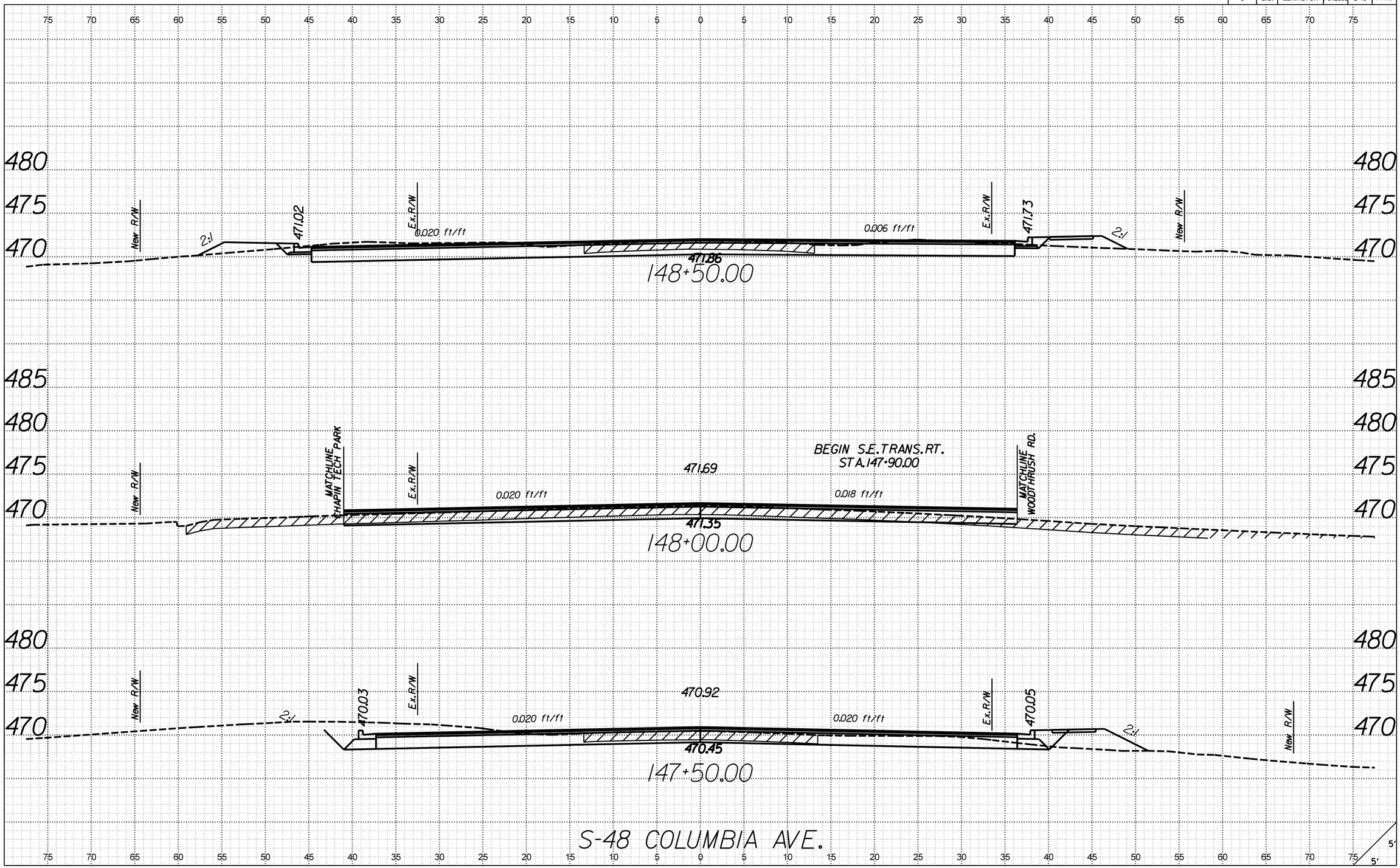

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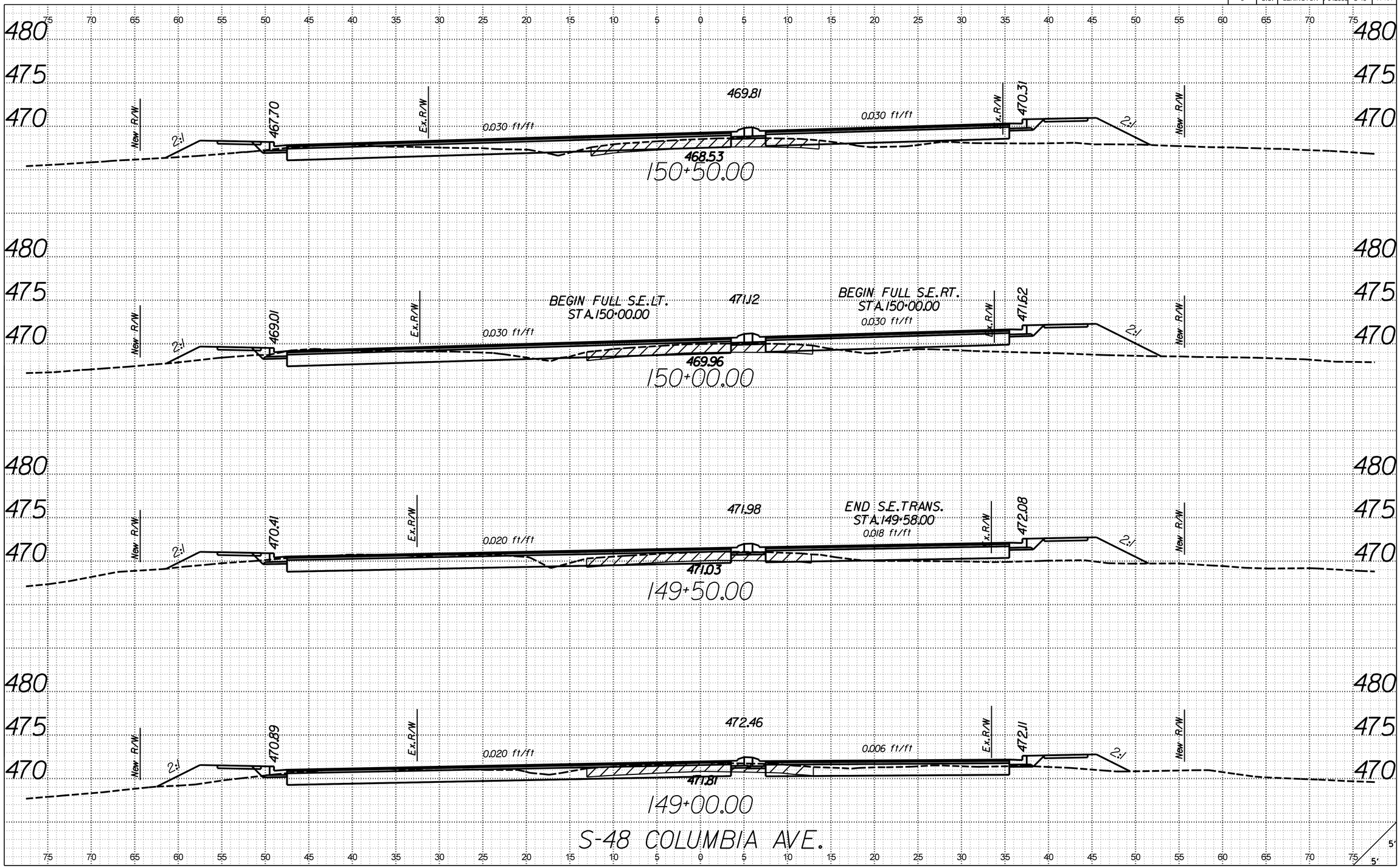
3	S.C.	LEXINGTON	P042383	S-48	X-101



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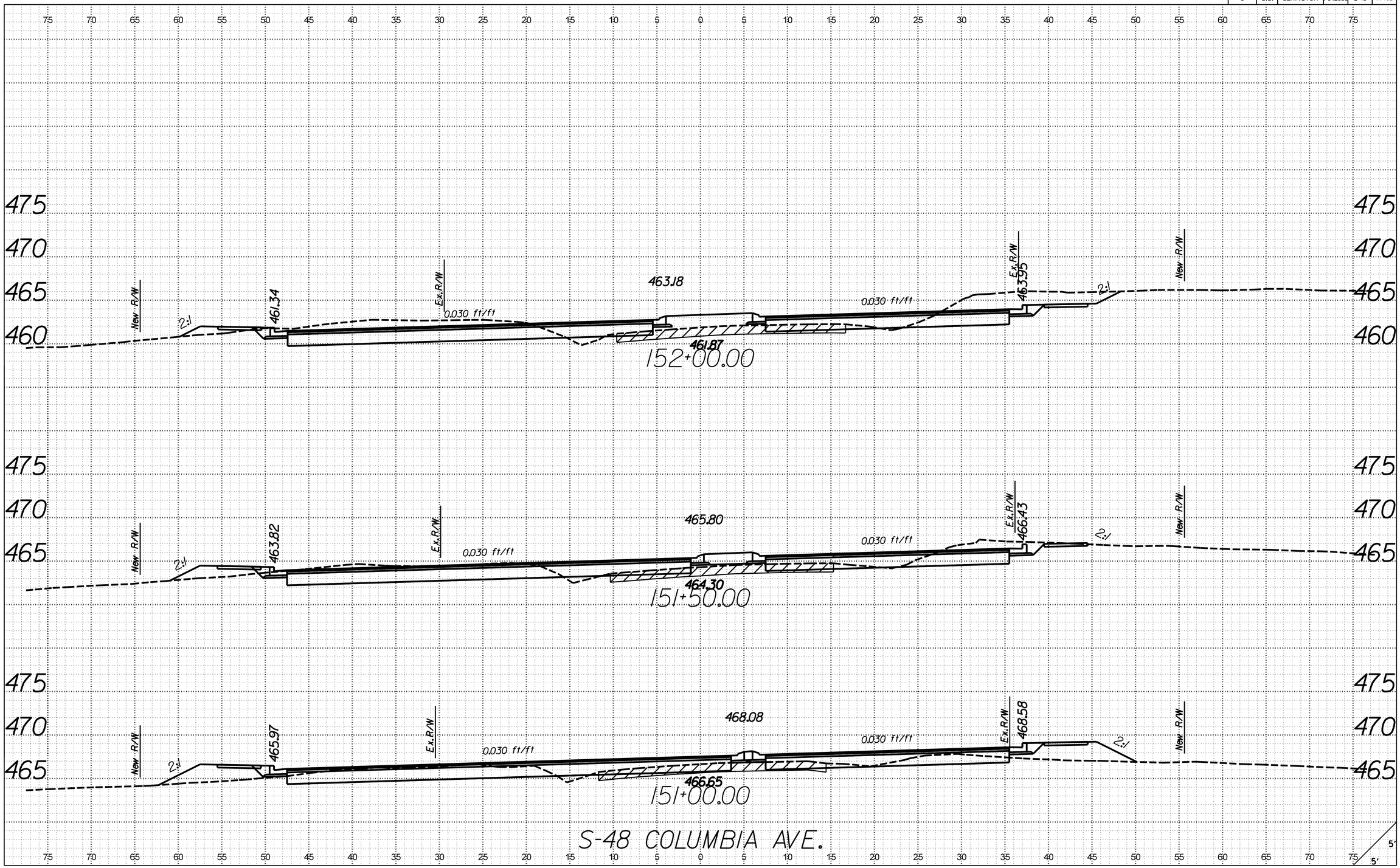

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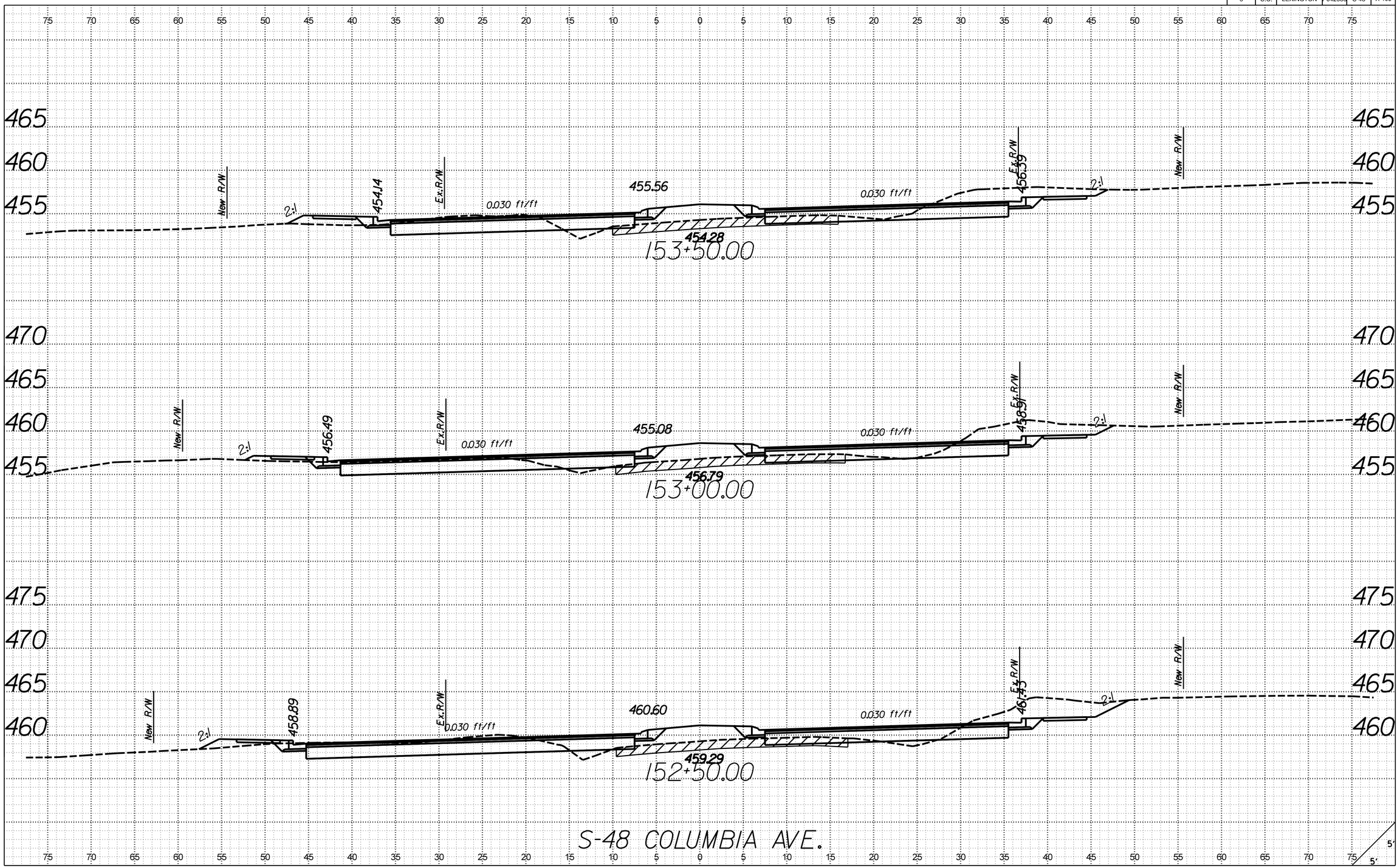

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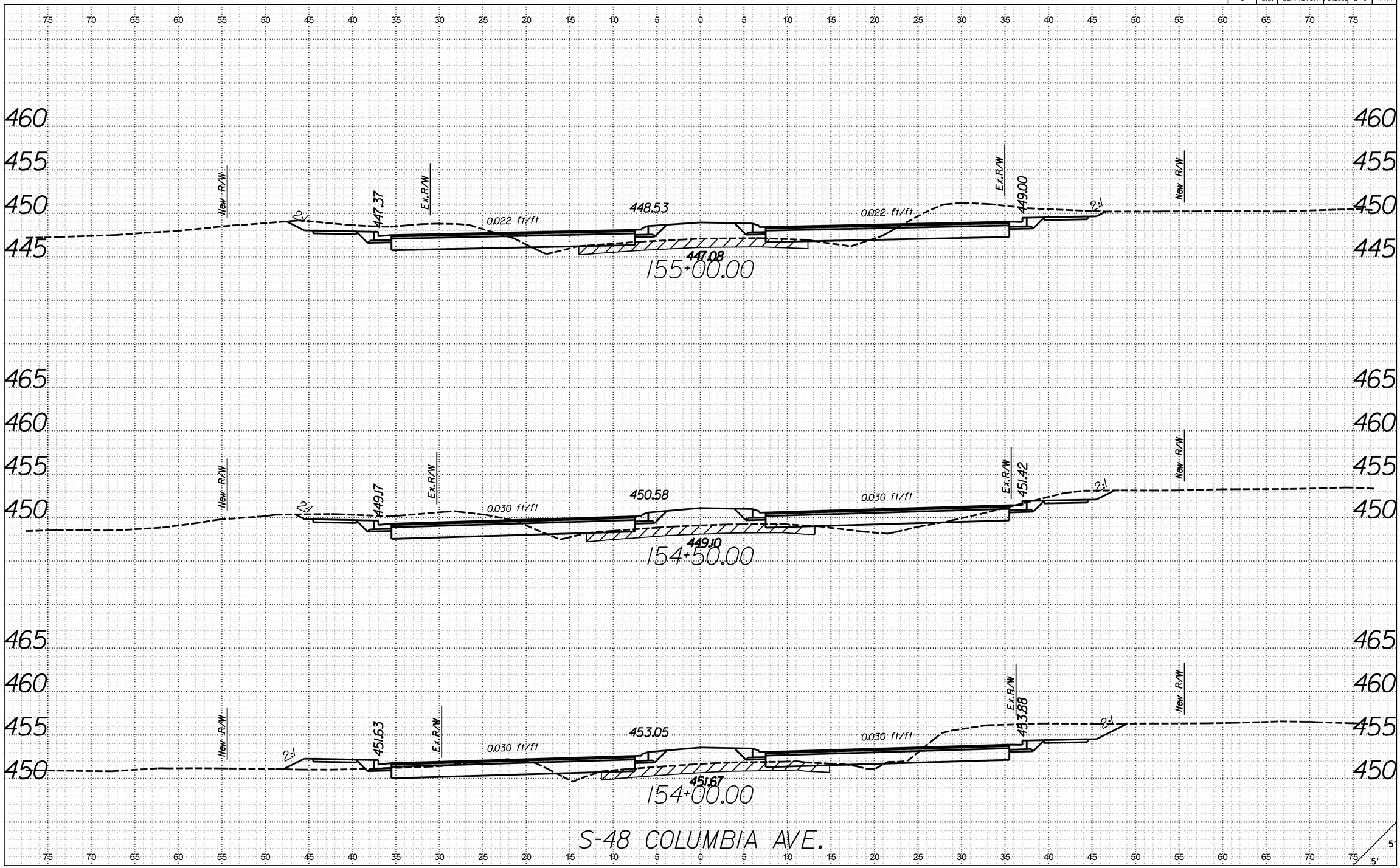

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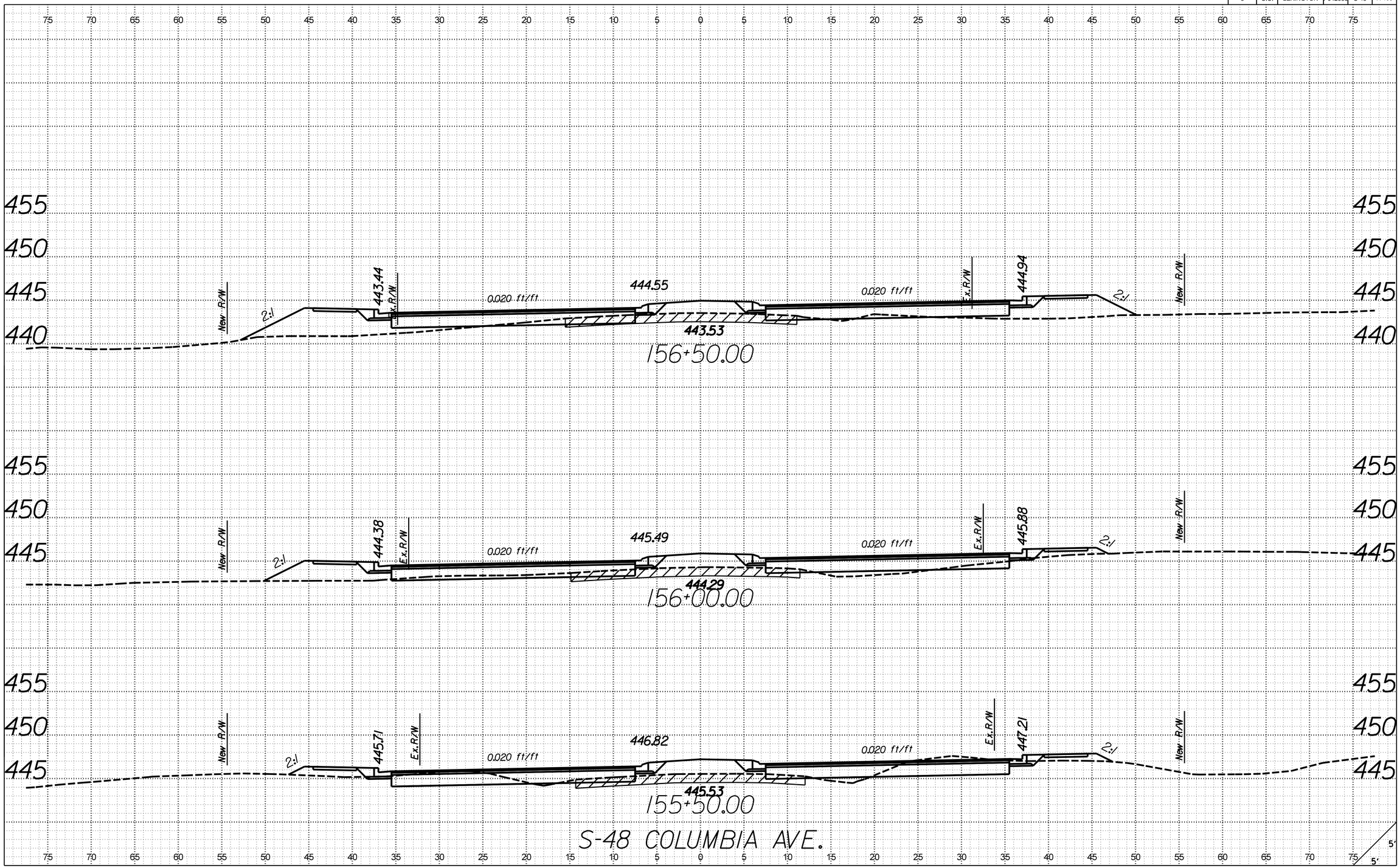
3	S.C.	LEXINGTON	P042383	S-48	X-105



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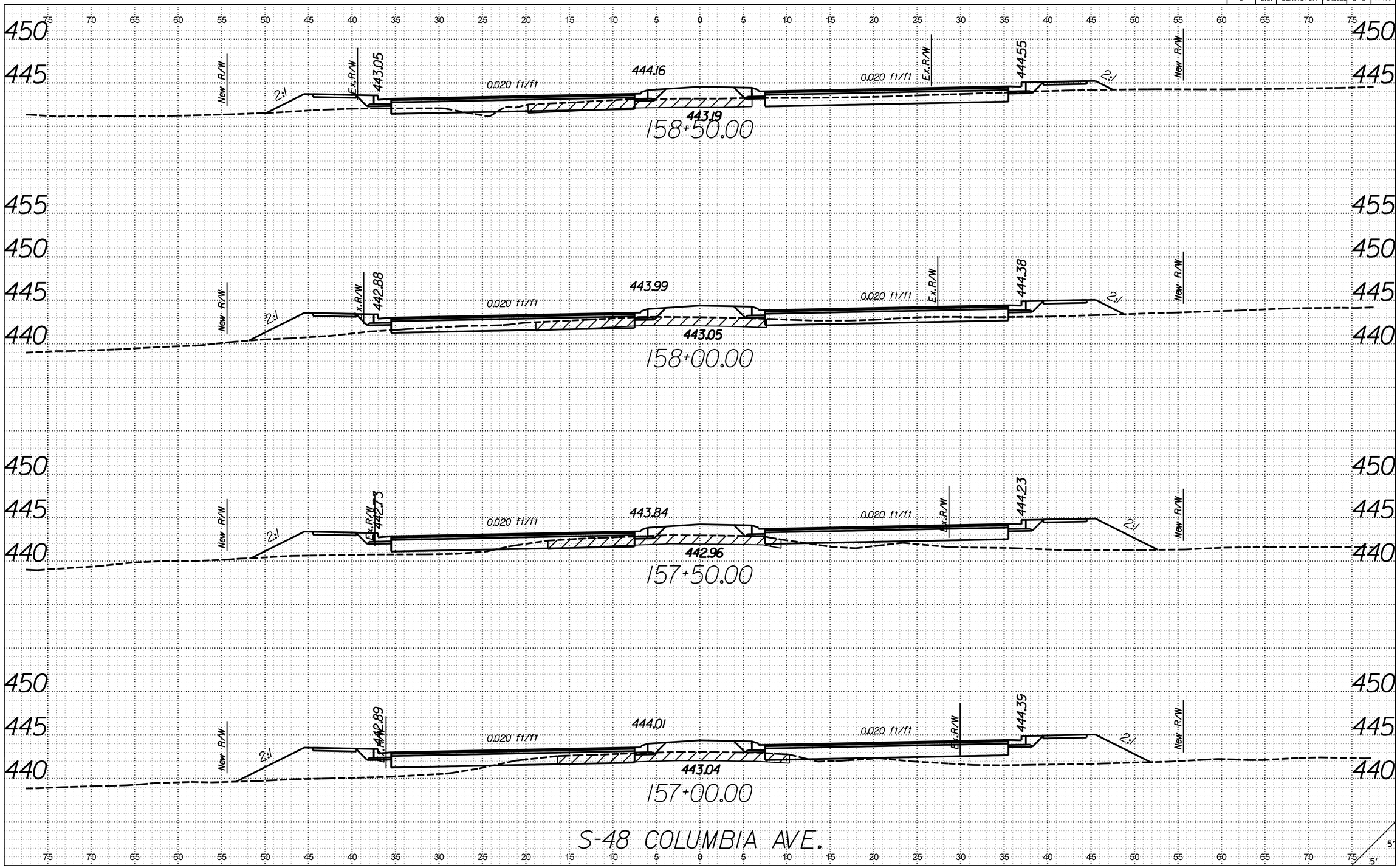

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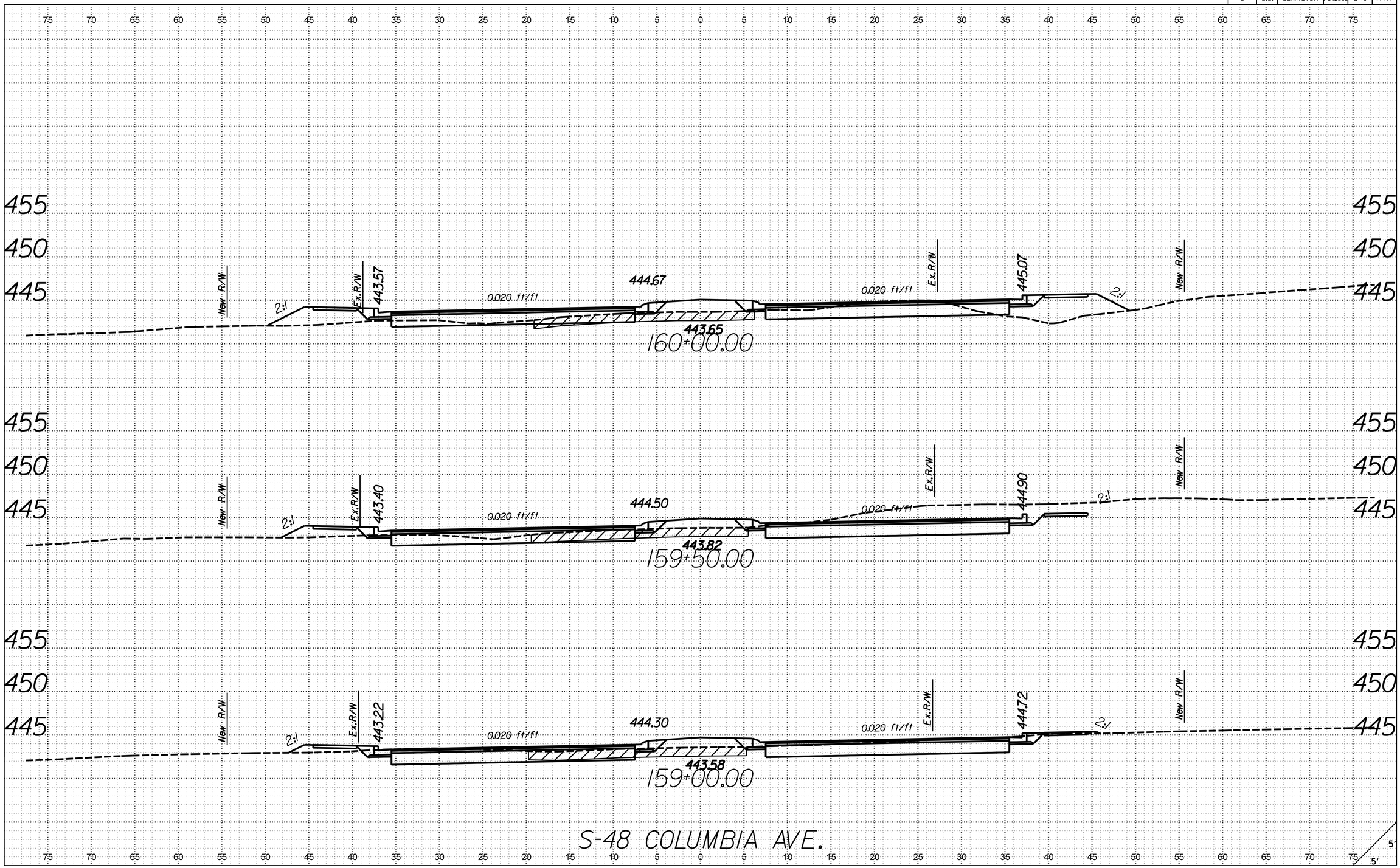
3	S.C.	LEXINGTON	P042383	S-48	X-107



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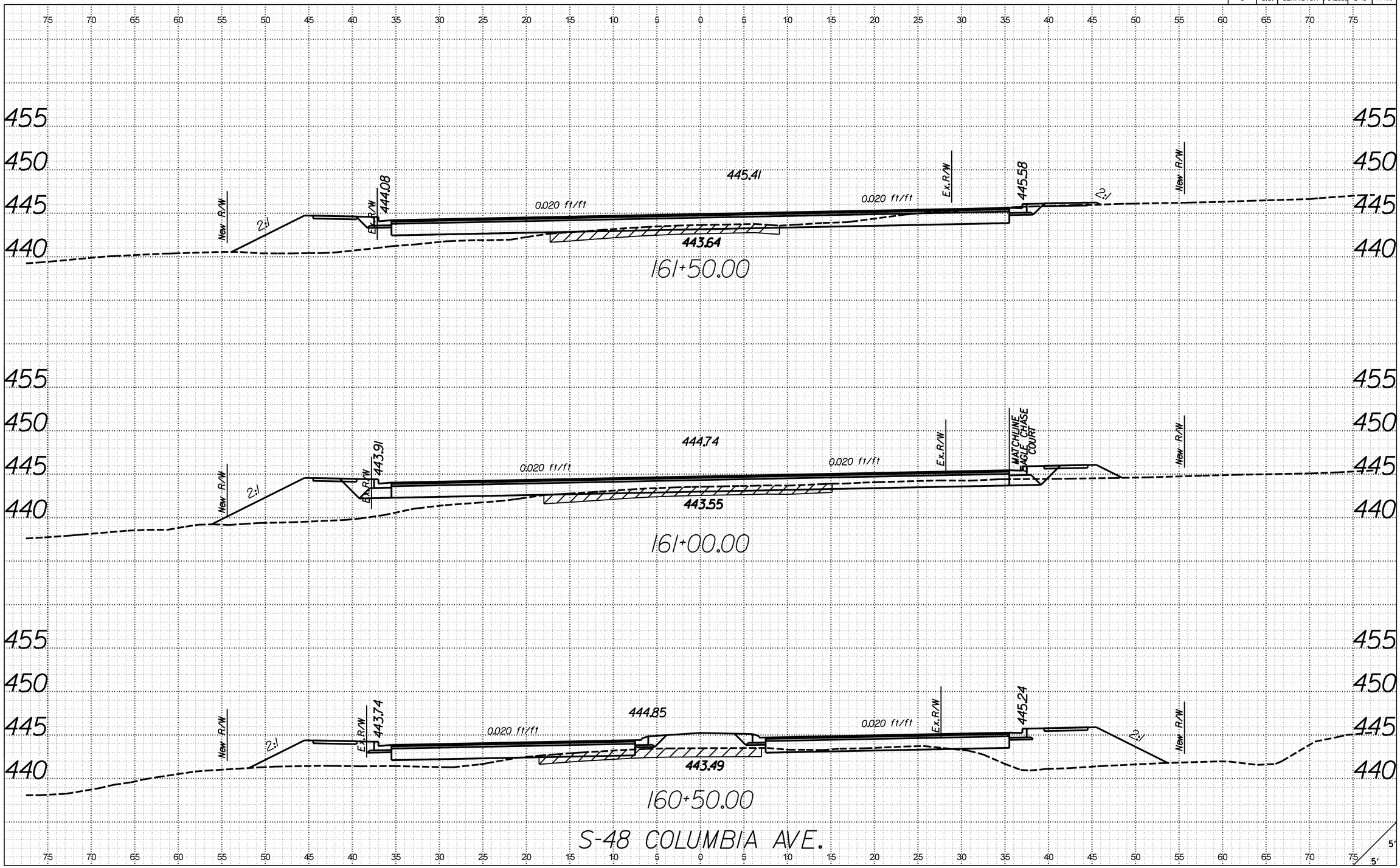
3	S.C.	LEXINGTON	P042383	S-48	X-108



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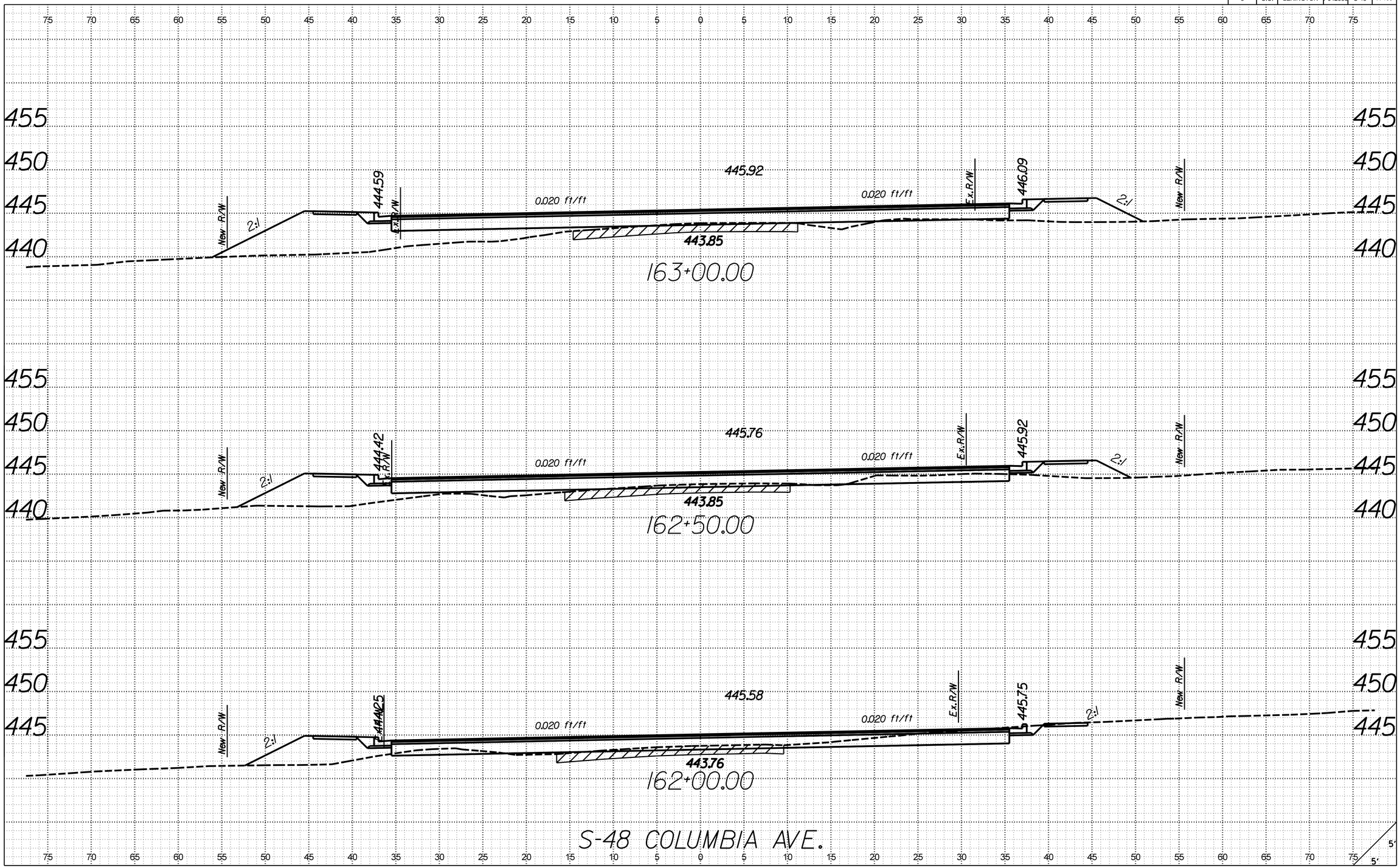
3	S.C.	LEXINGTON	P042383	S-48	X-109



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3/21/2017
9:18:55 AM

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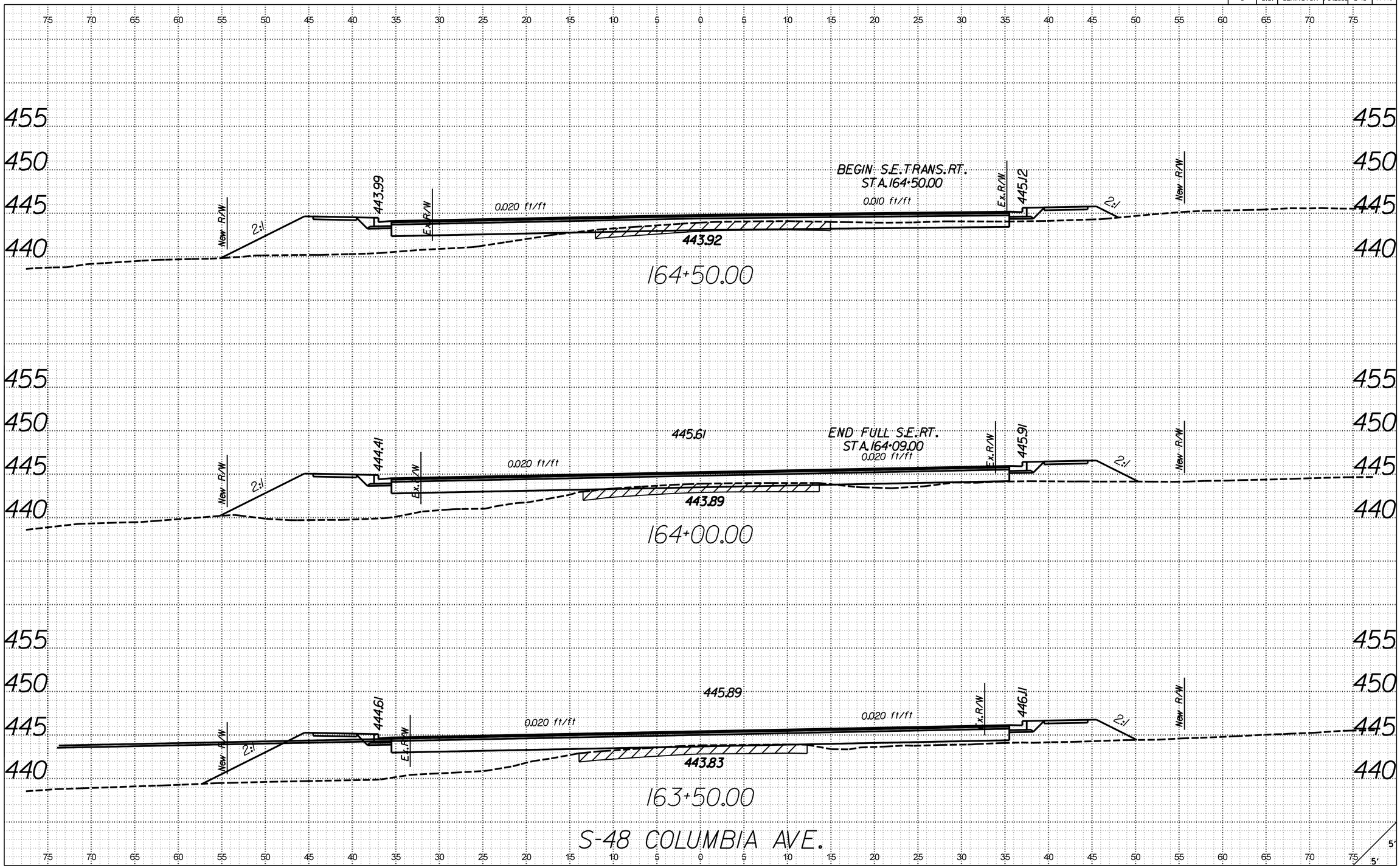
3	S.C.	LEXINGTON	P042383	S-48	X-110



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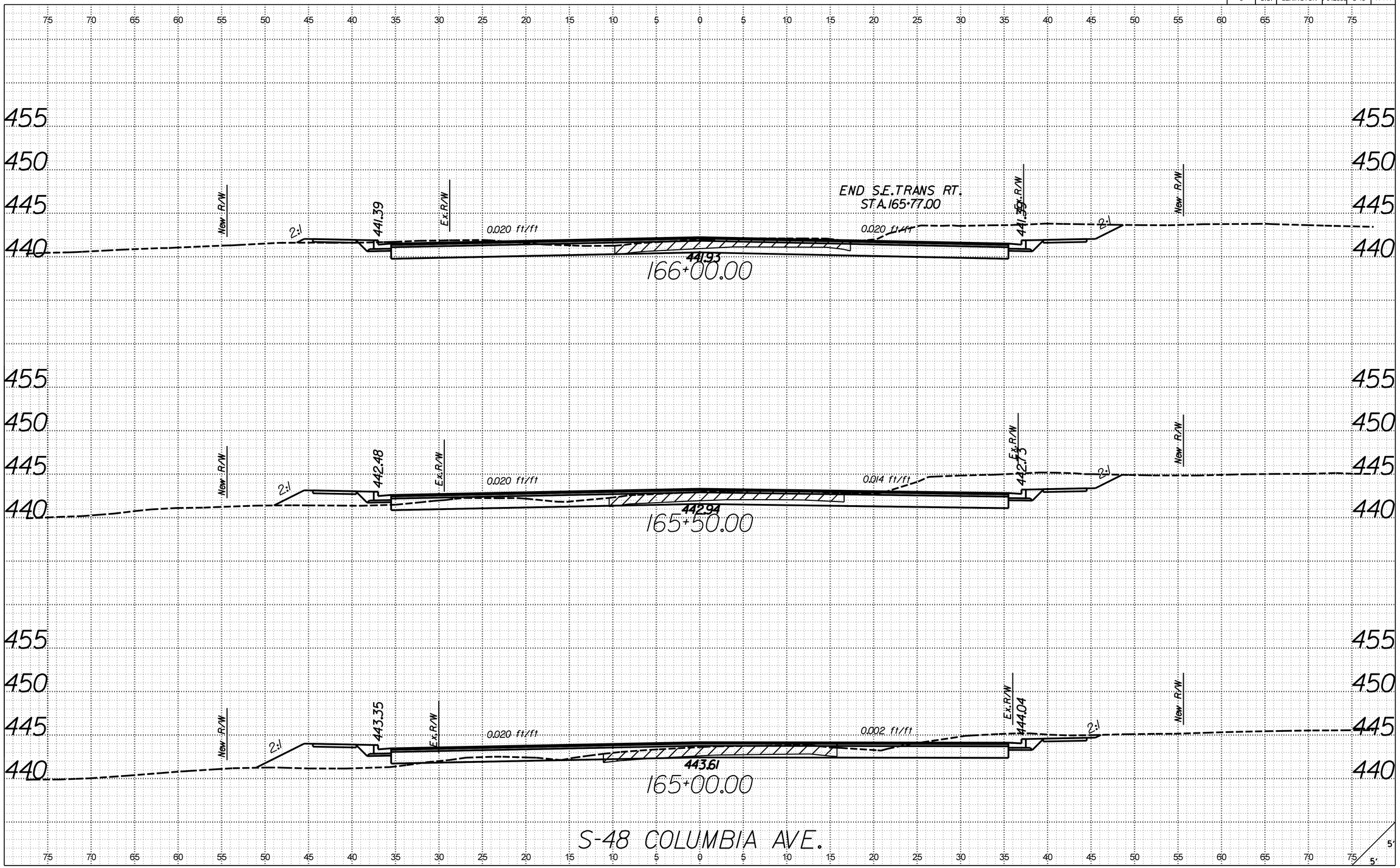

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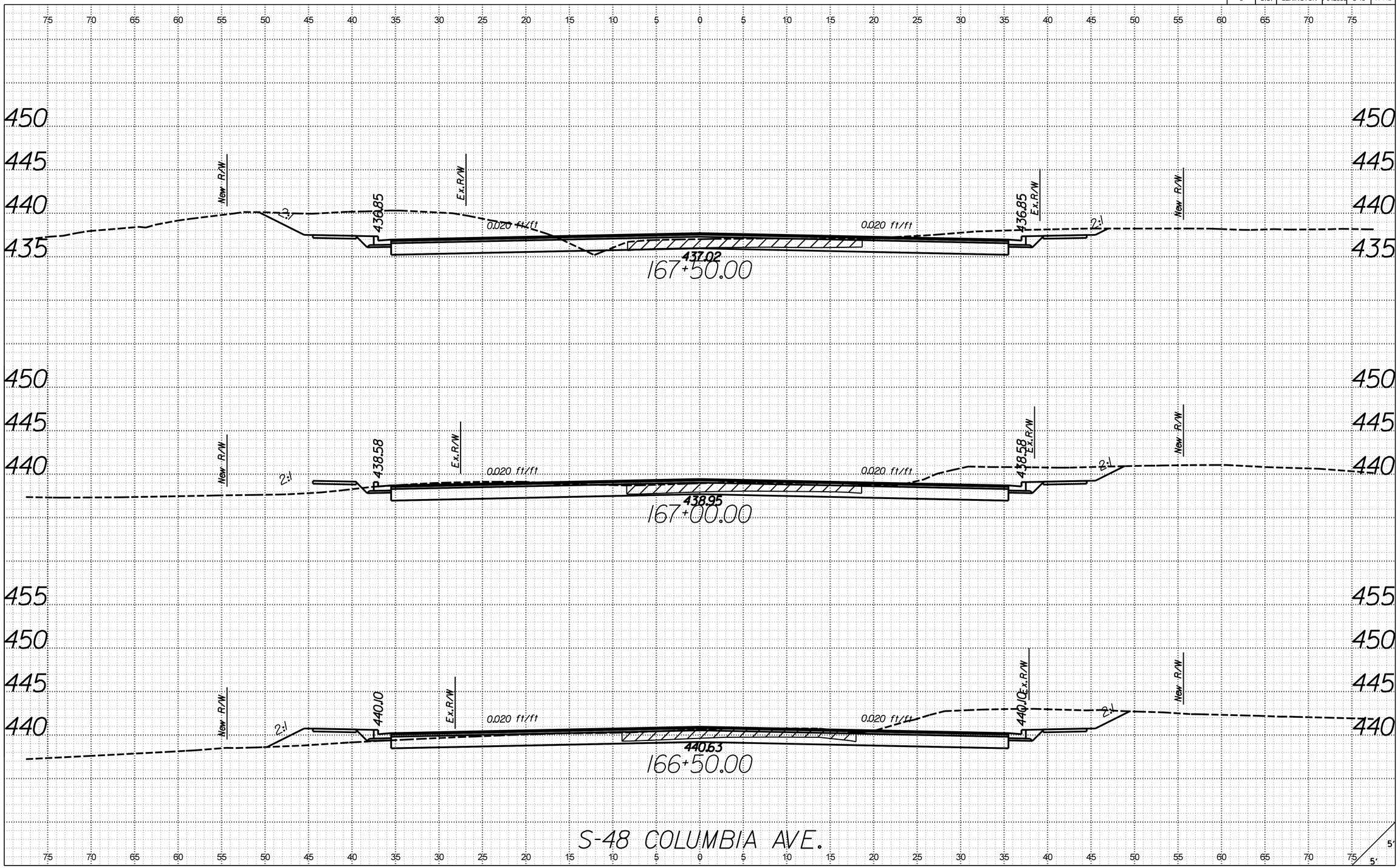

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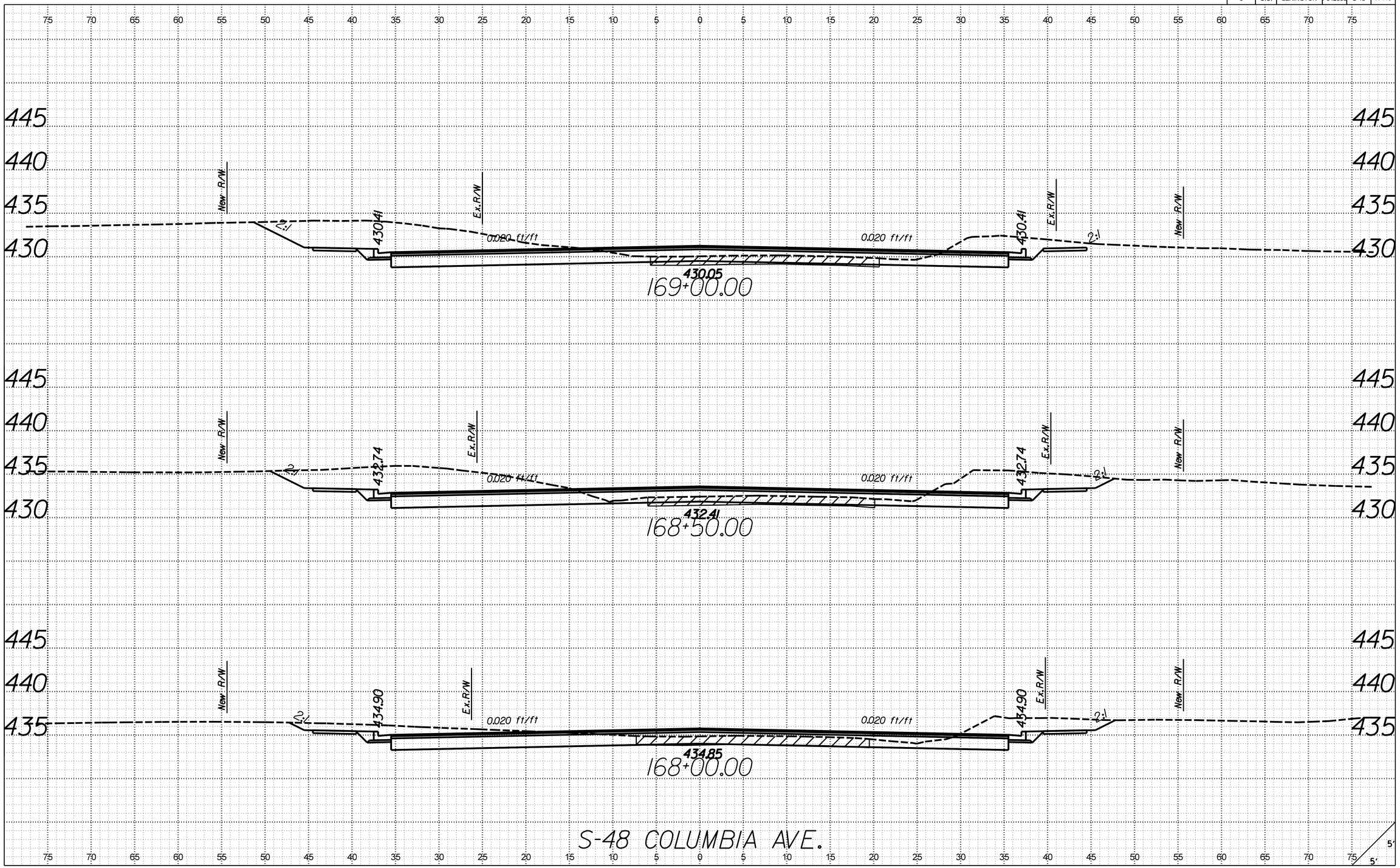
3	S.C.	LEXINGTON	P042383	S-48	X-113



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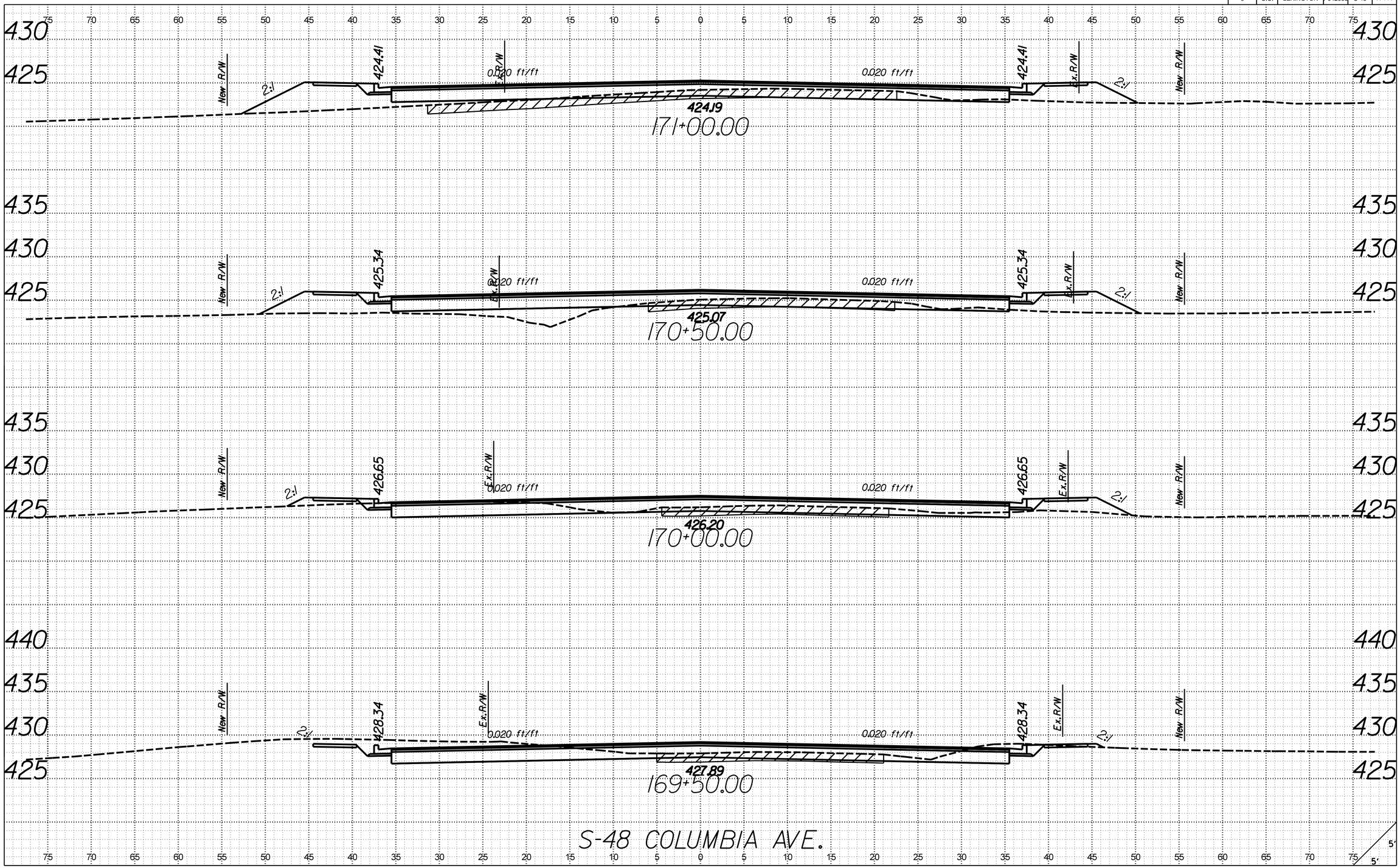

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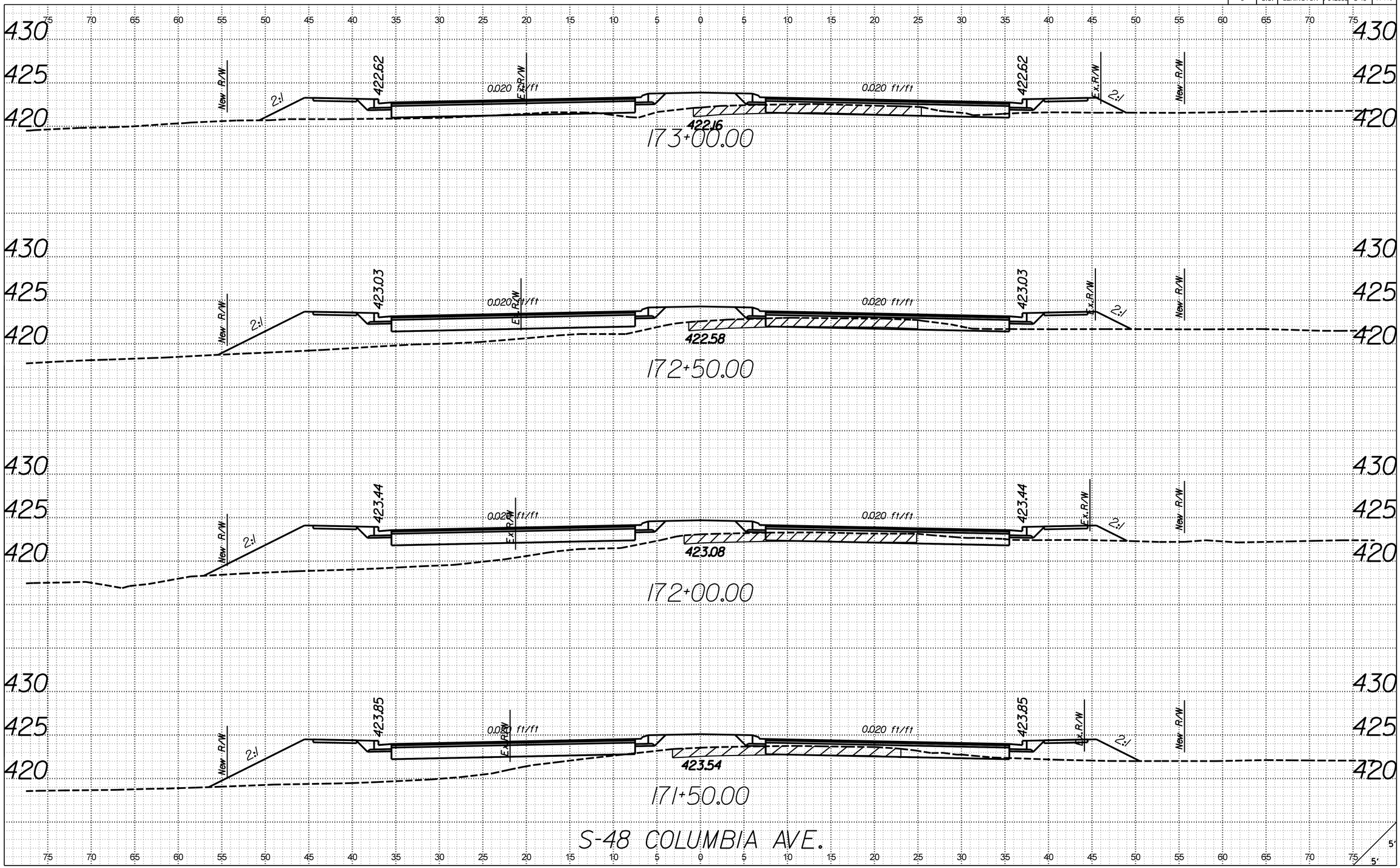
3	S.C.	LEXINGTON	P042383	S-48	X-115



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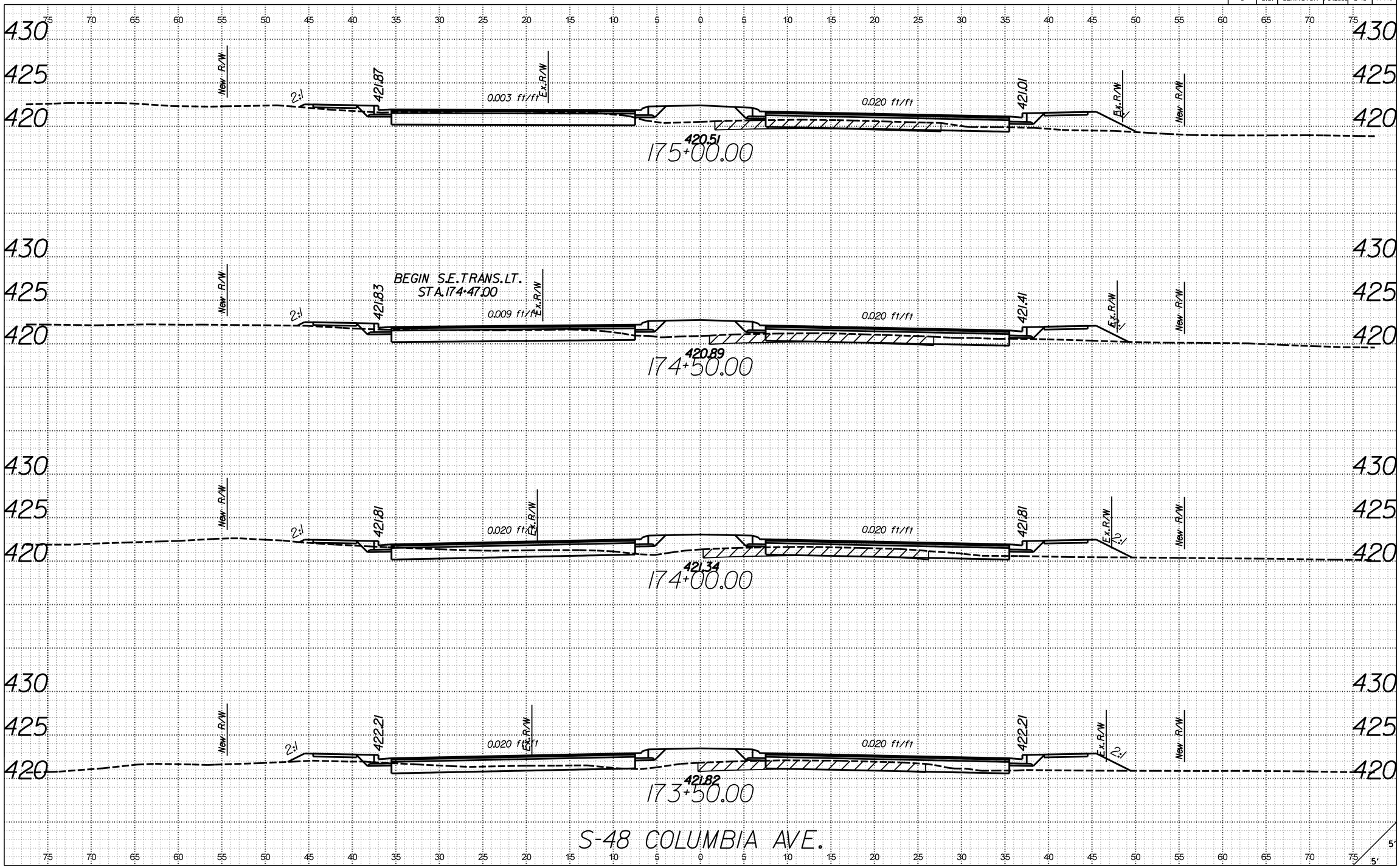

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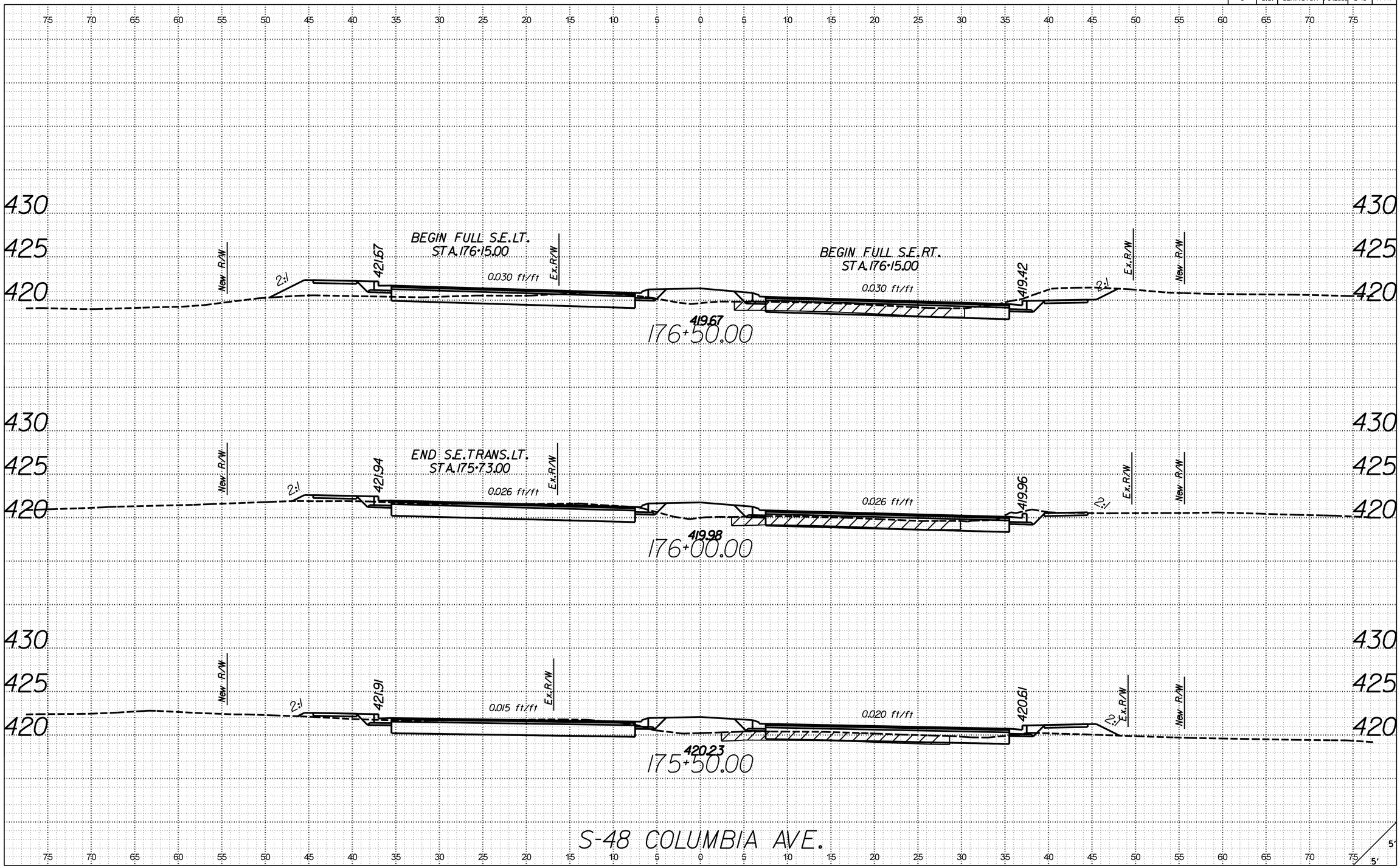
3	S.C.	LEXINGTON	P042383	S-48	X-117



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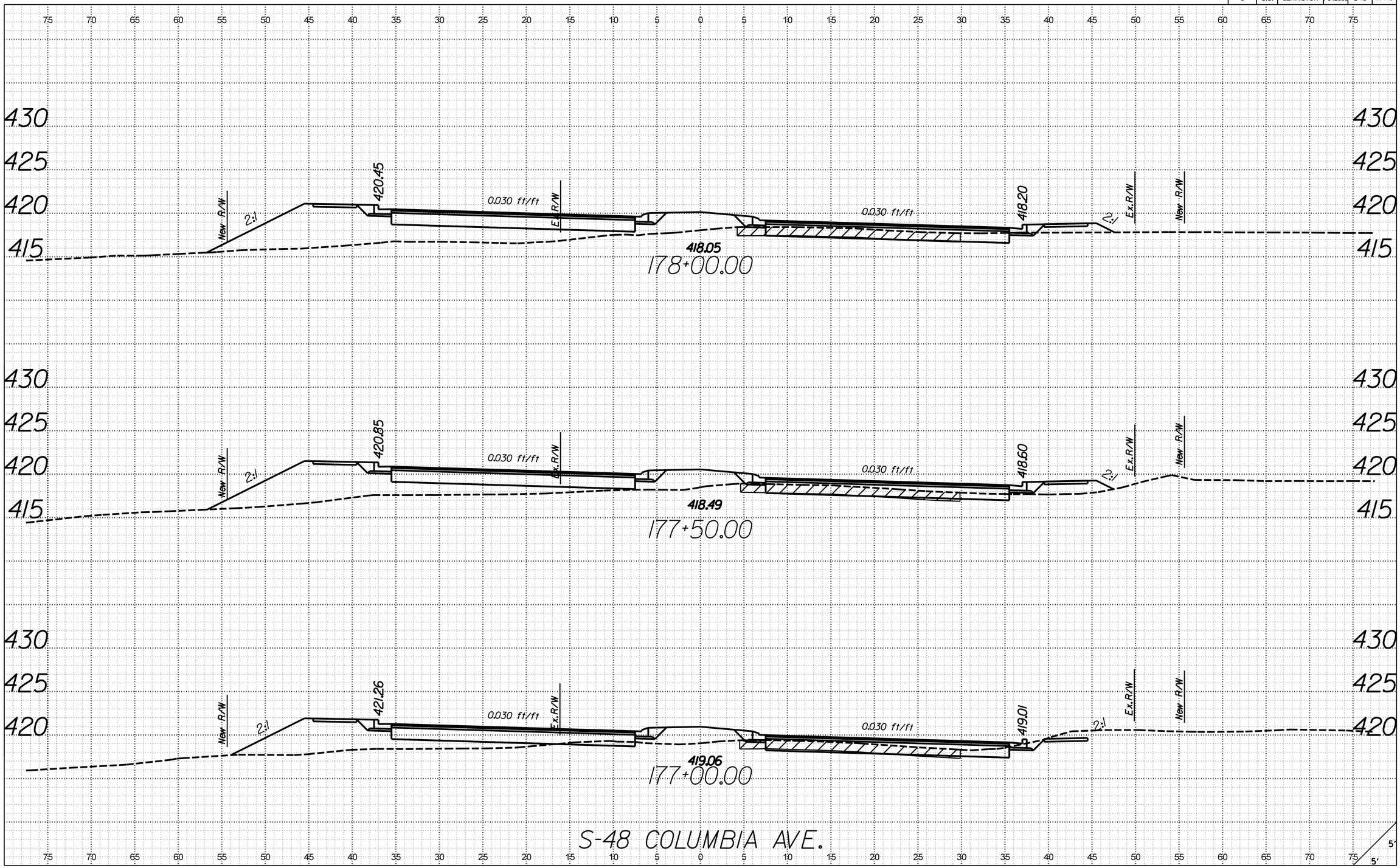
3	S.C.	LEXINGTON	P042383	S-48	X-118



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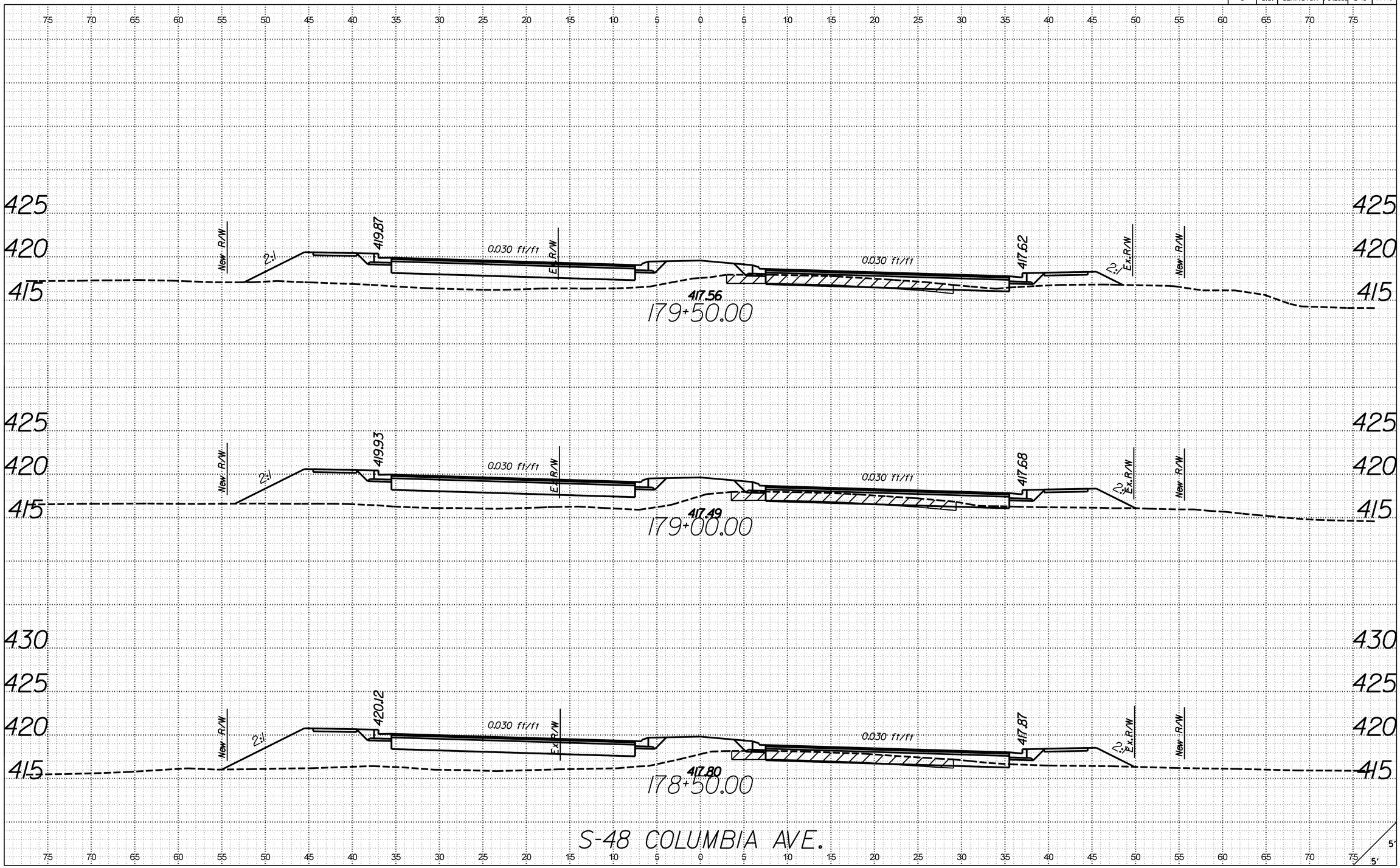

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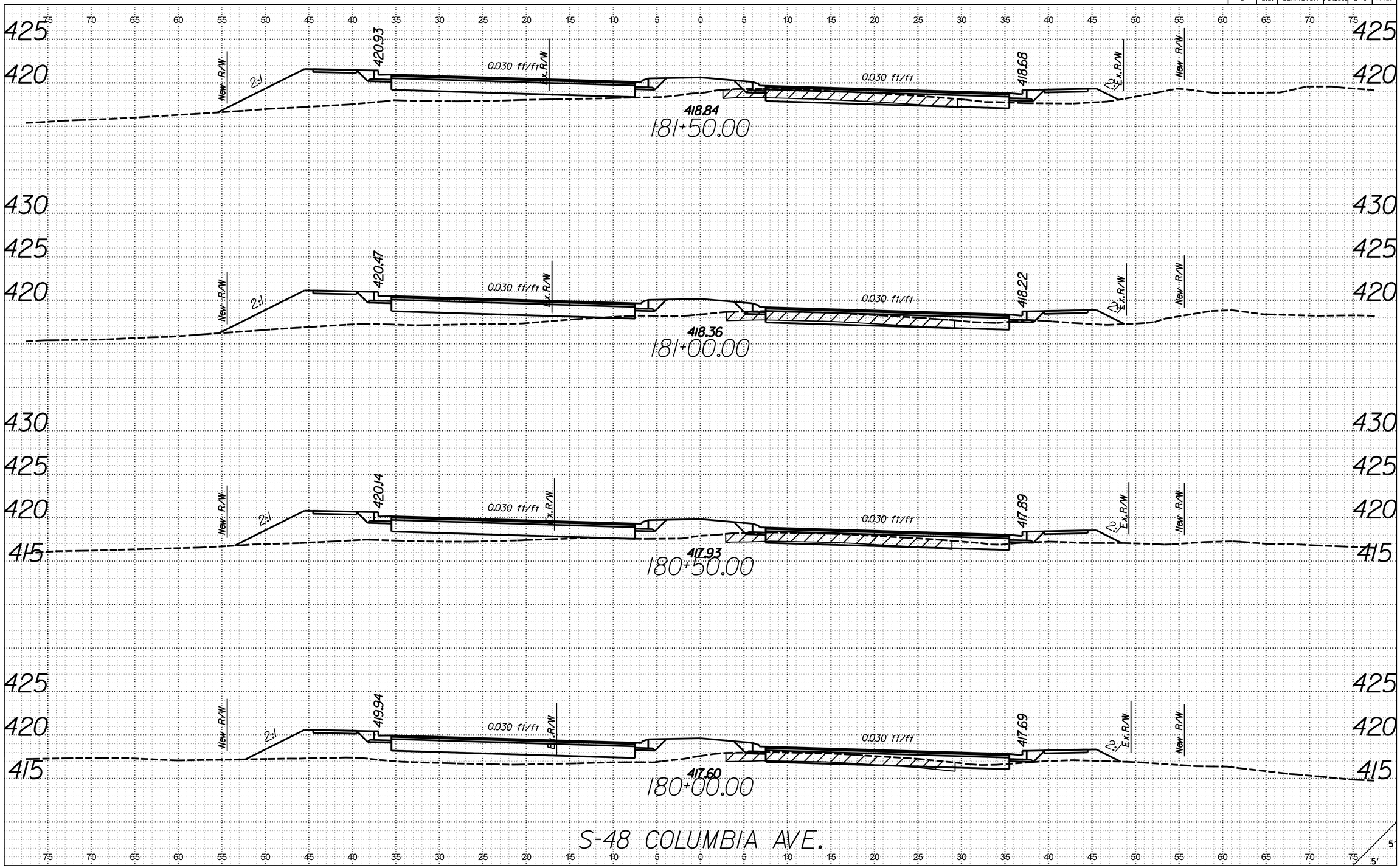

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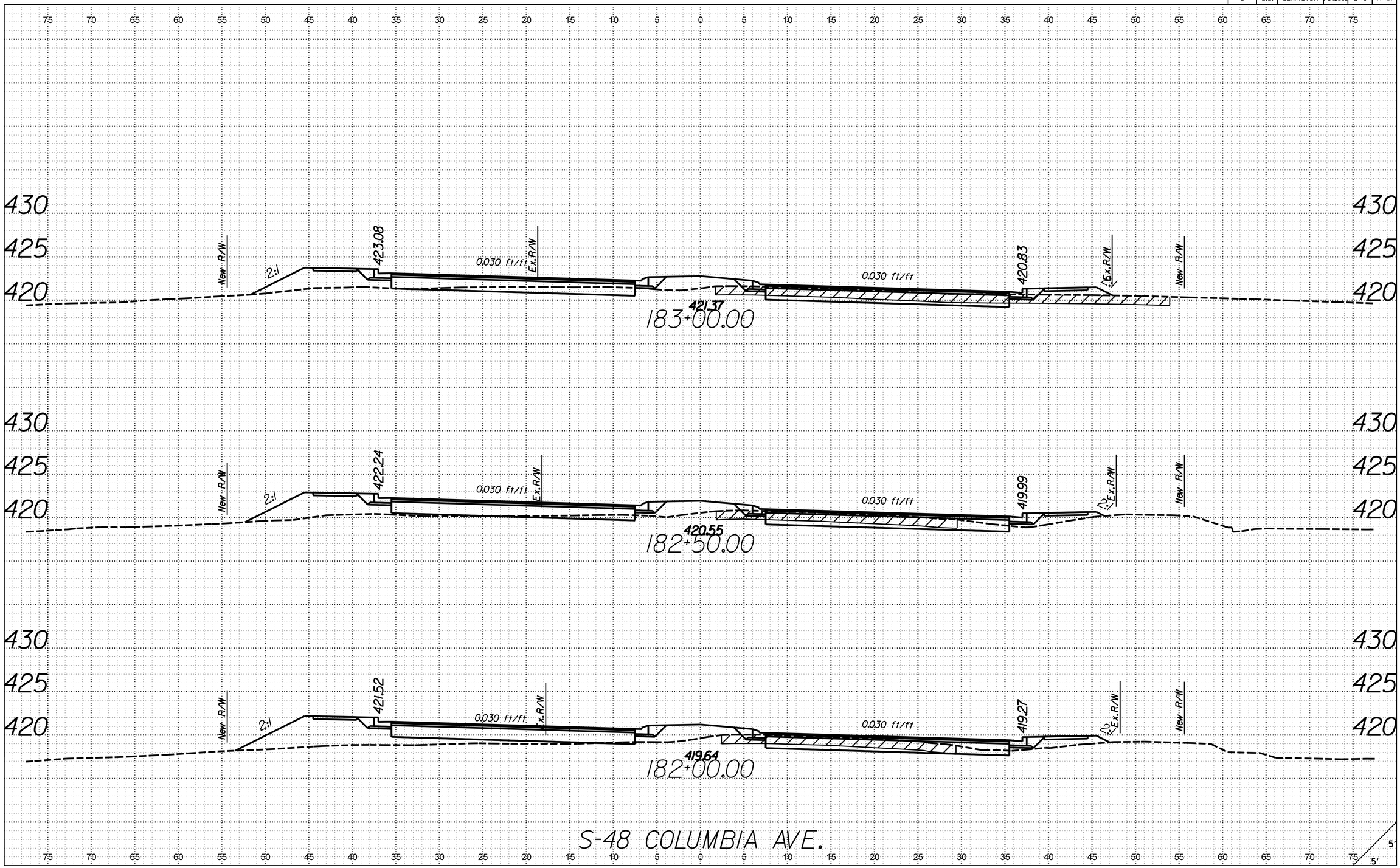

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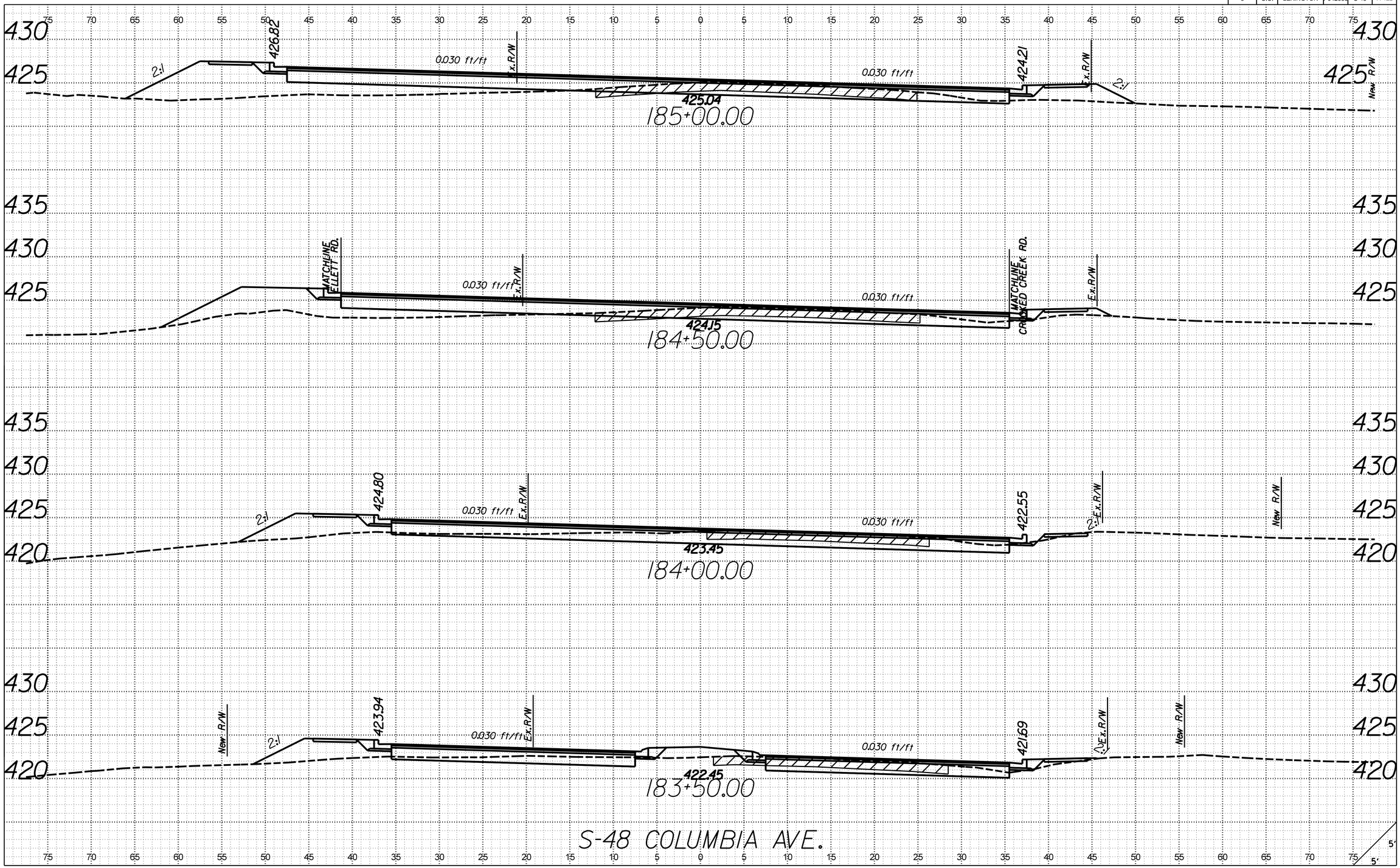

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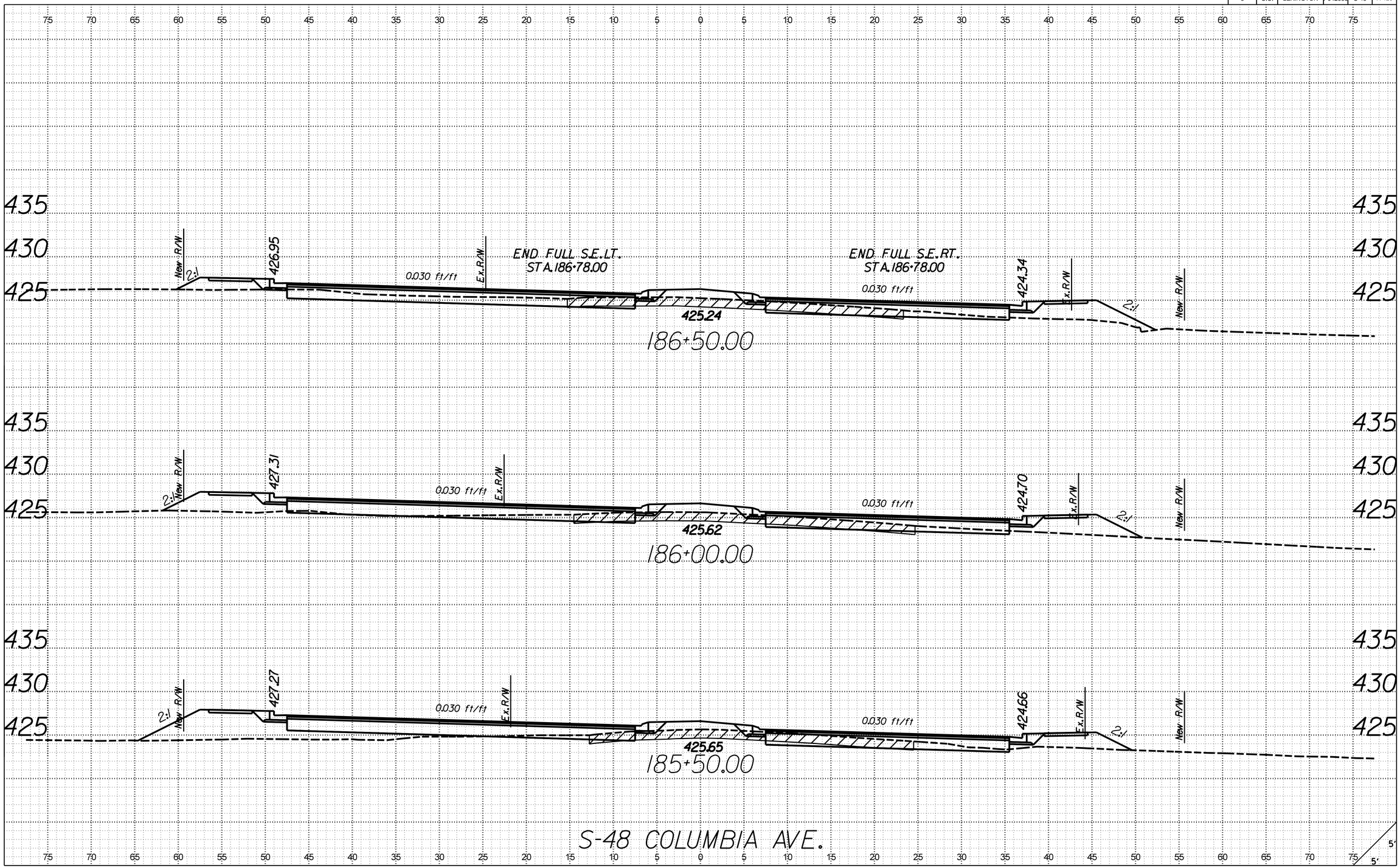
3	S.C.	LEXINGTON	P042383	S-48	X-123



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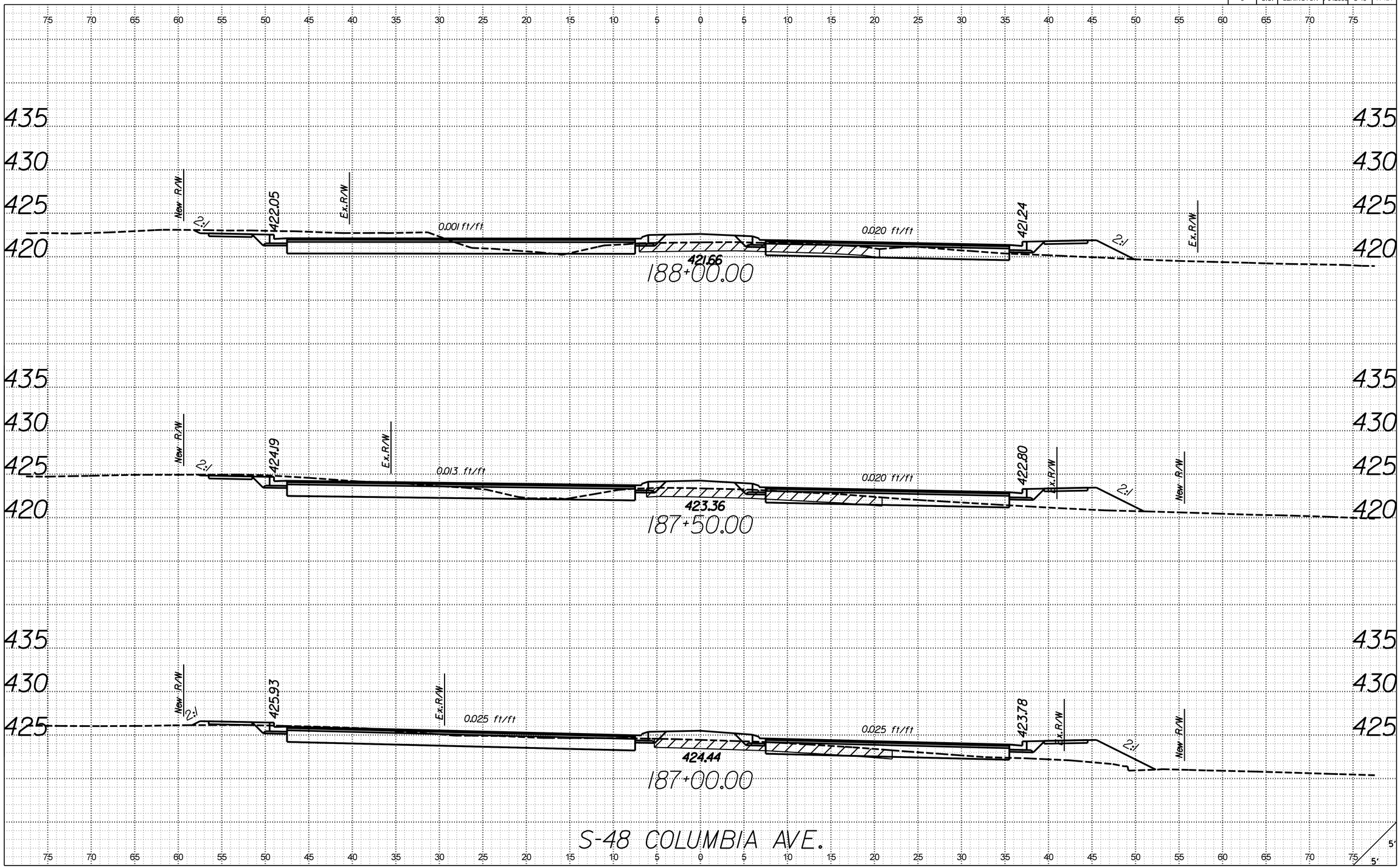

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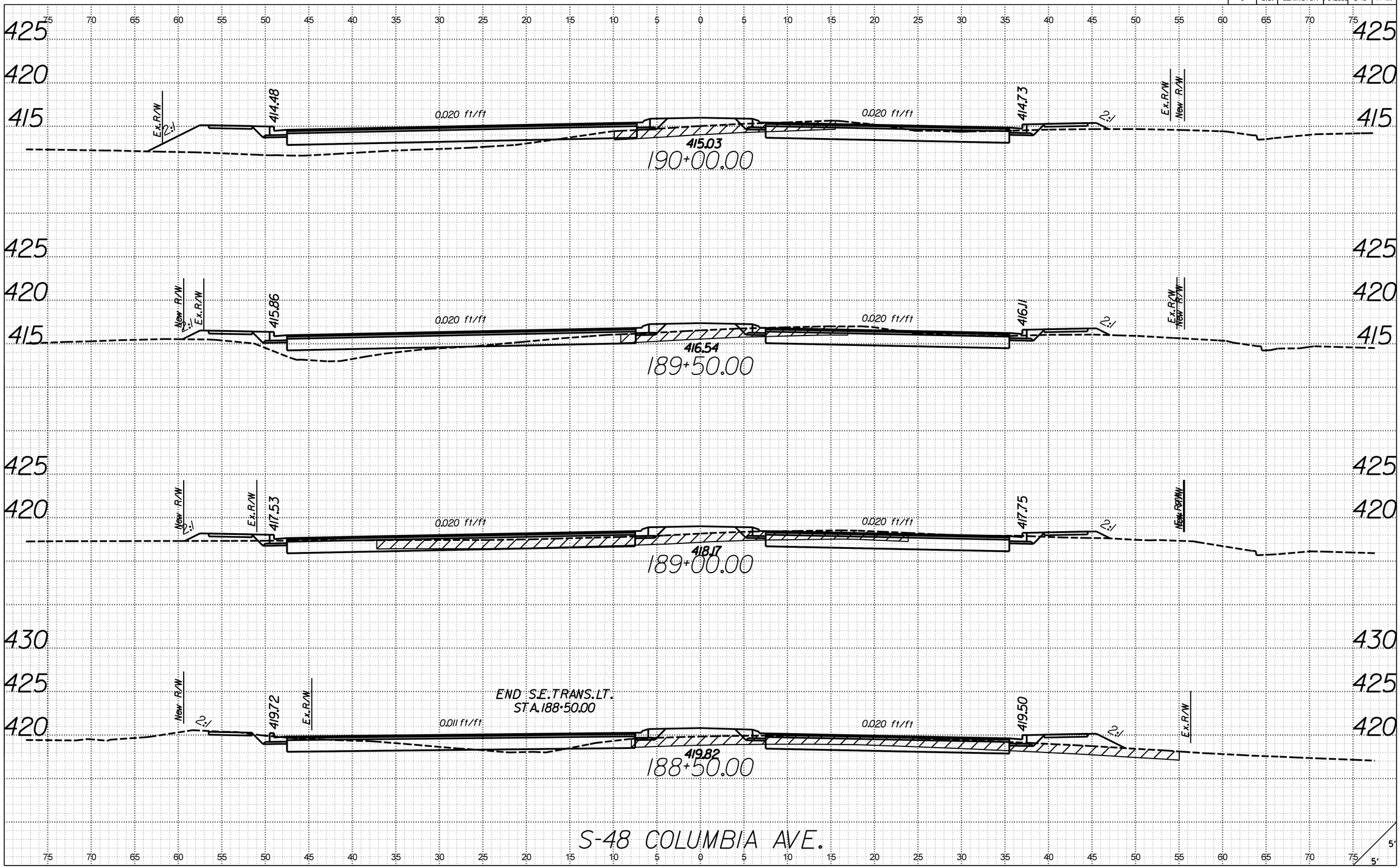

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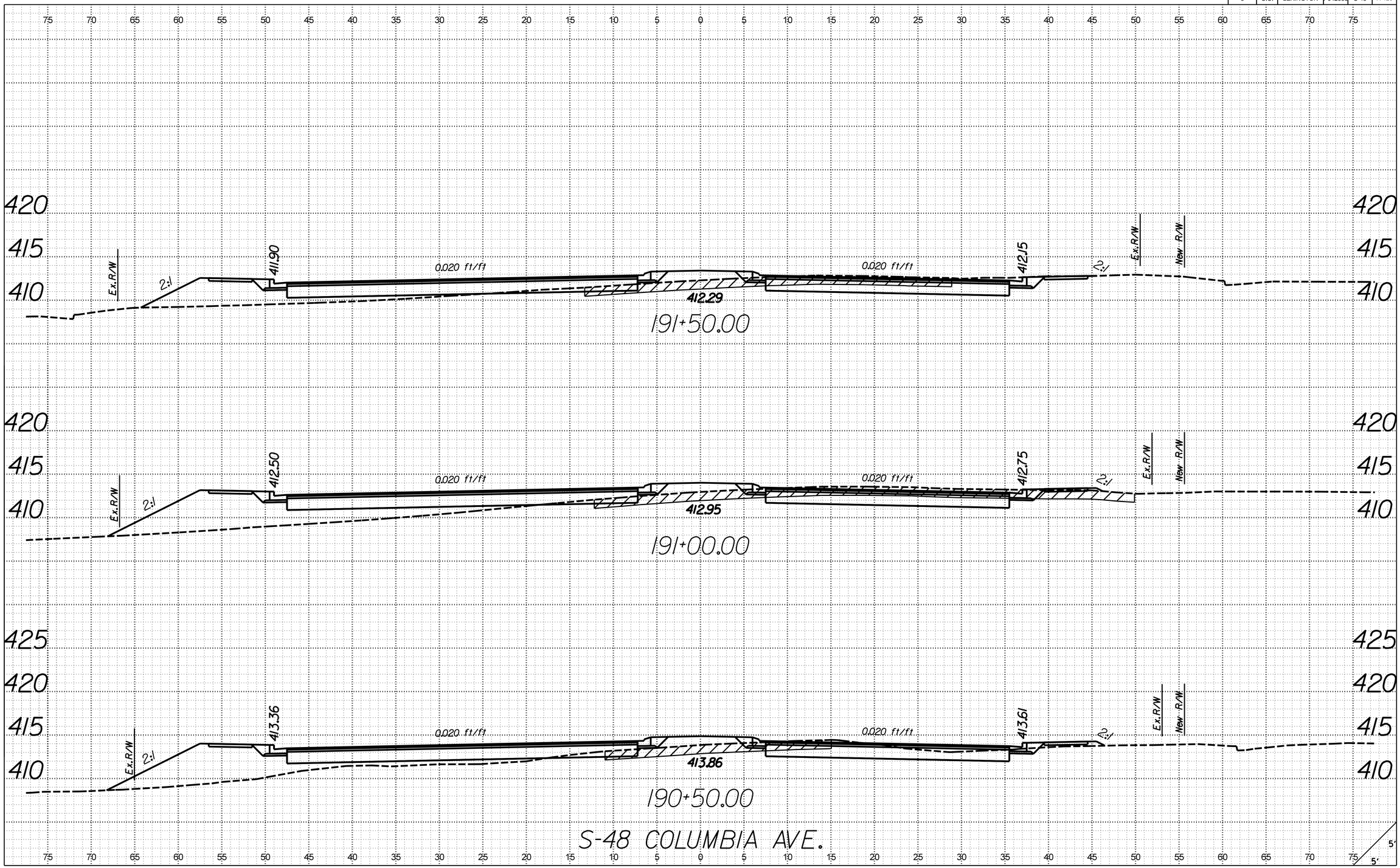

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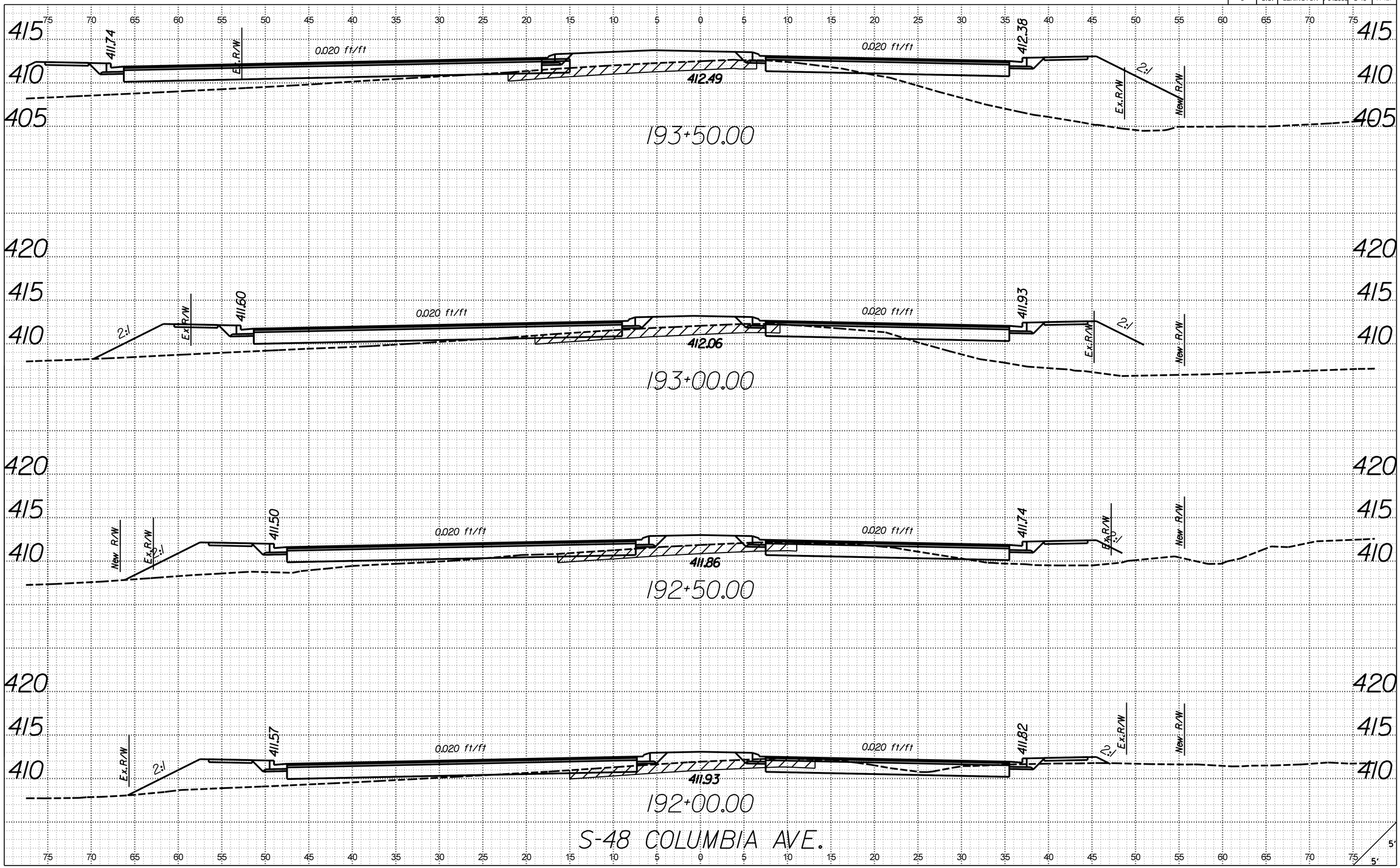

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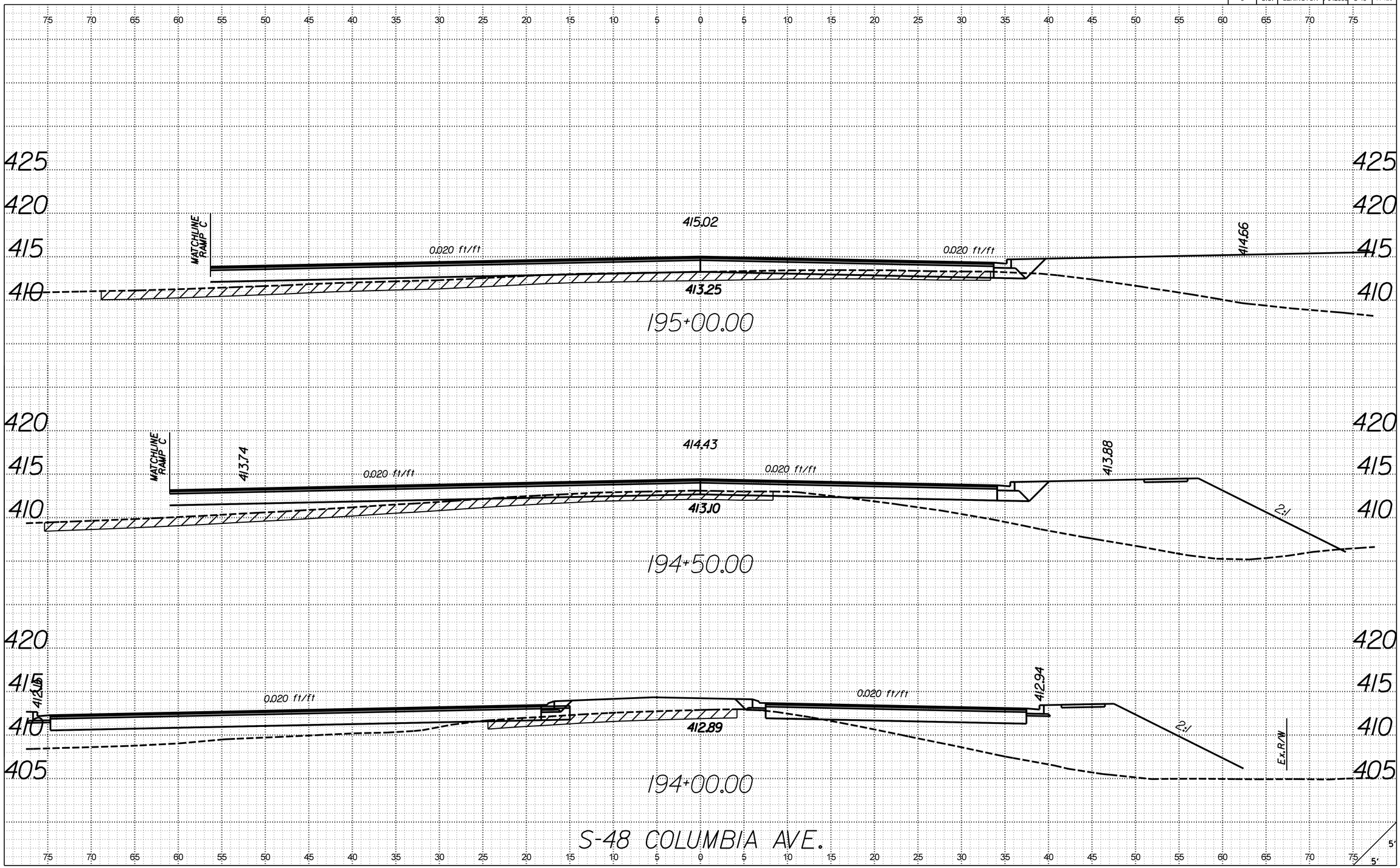
3	S.C.	LEXINGTON	P042383	S-48	X-128



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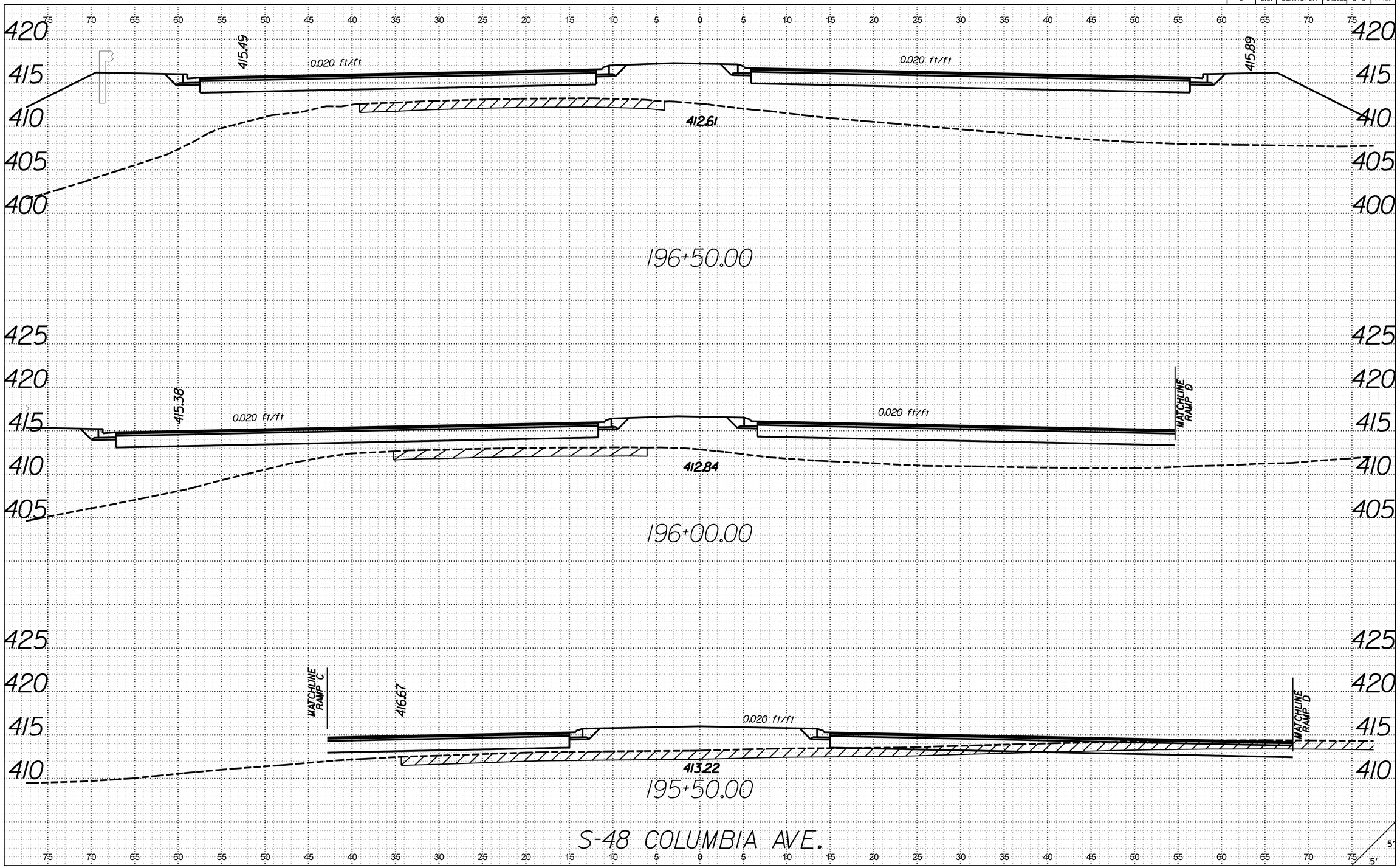

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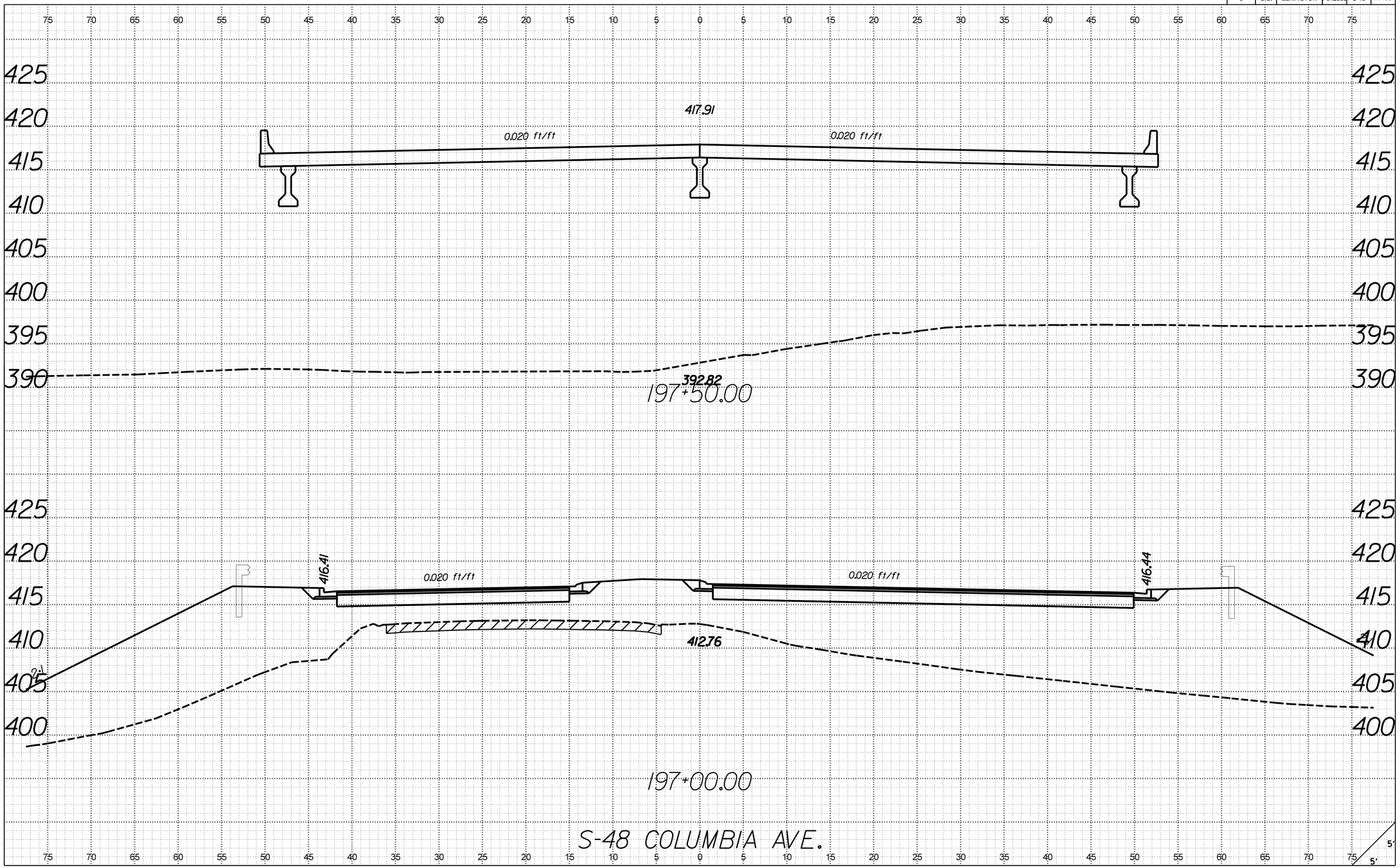
3	S.C.	LEXINGTON	P042383	S-48	X-130



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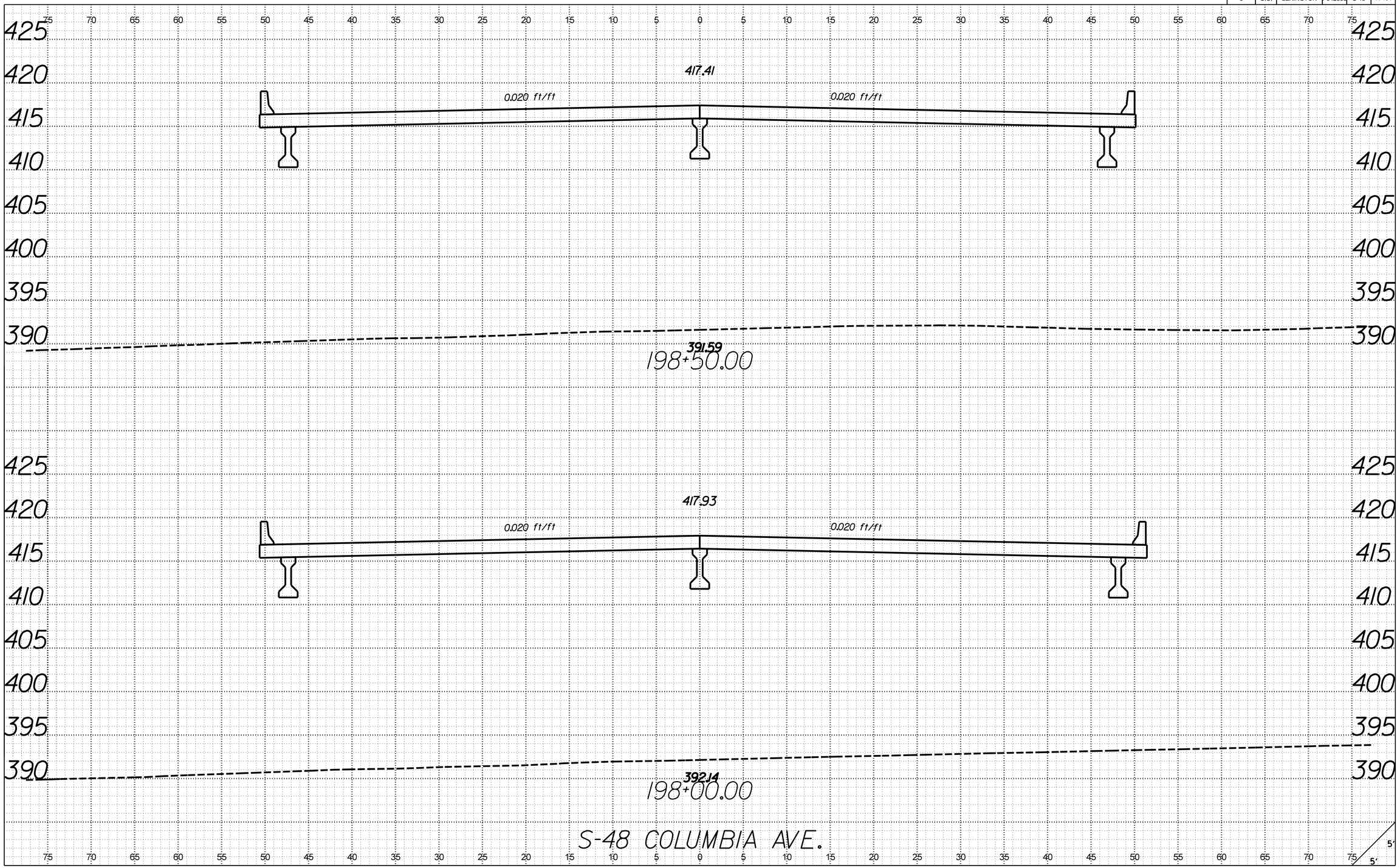
3	S.C.	LEXINGTON	P042383	S-48	X-131



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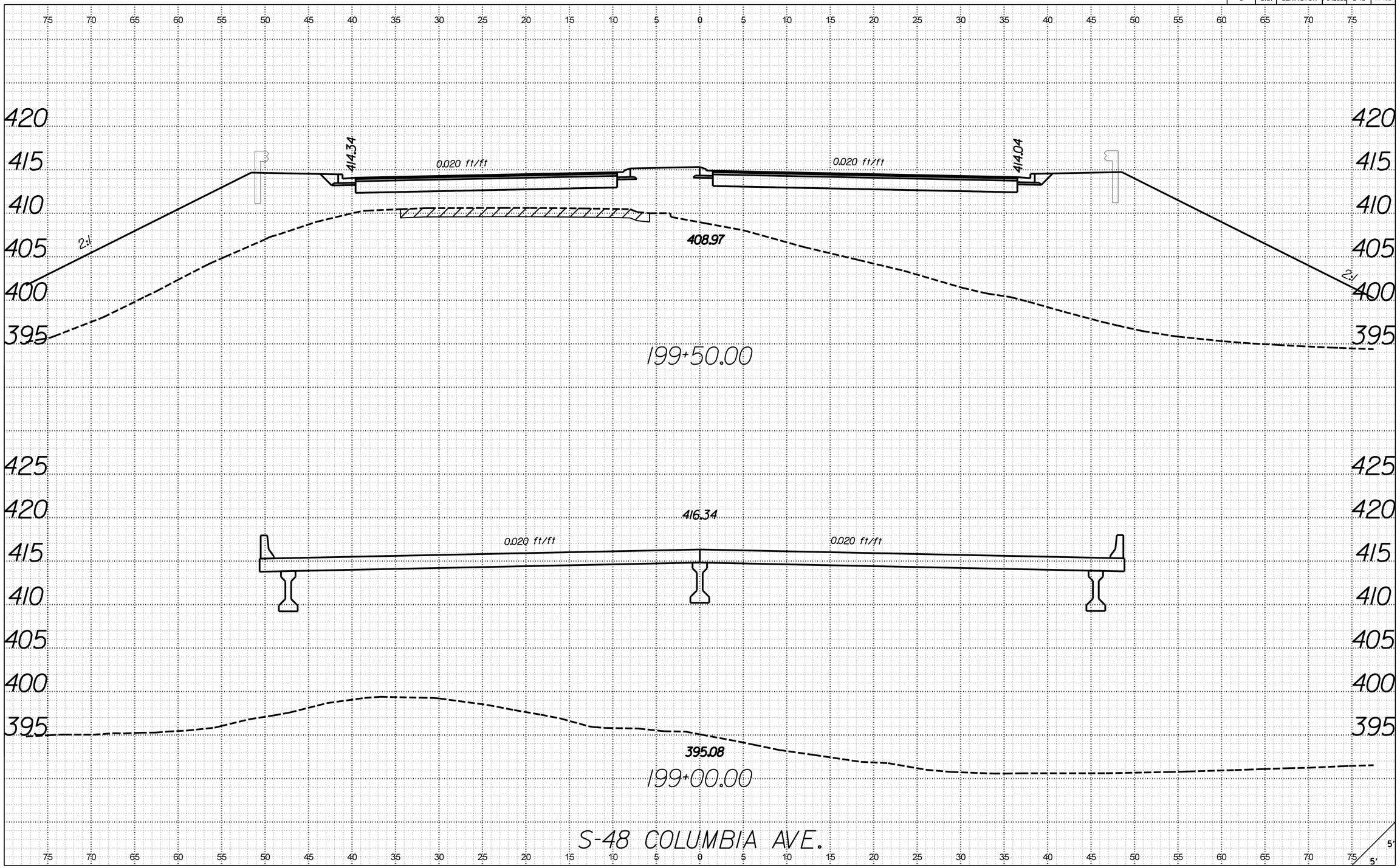

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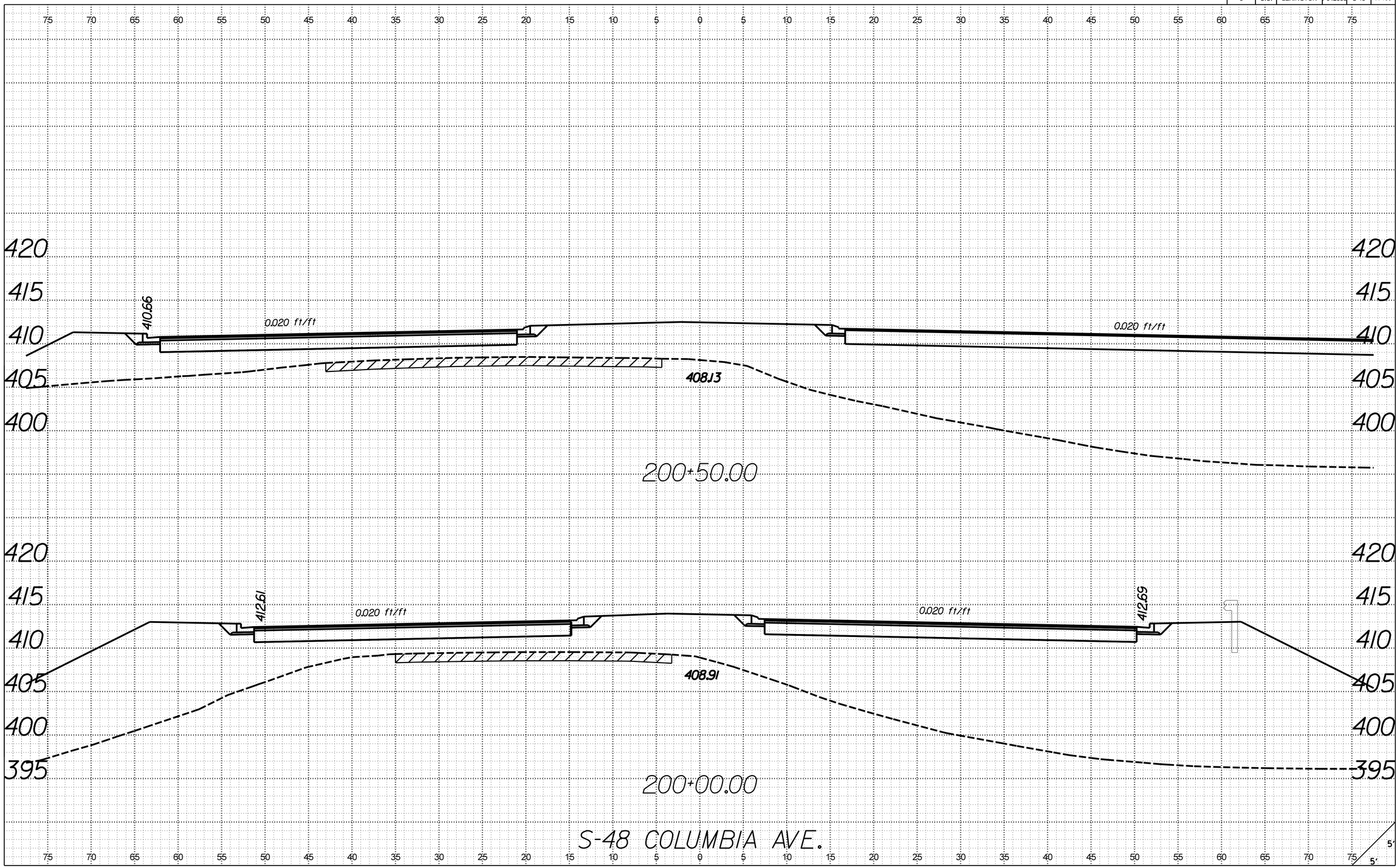

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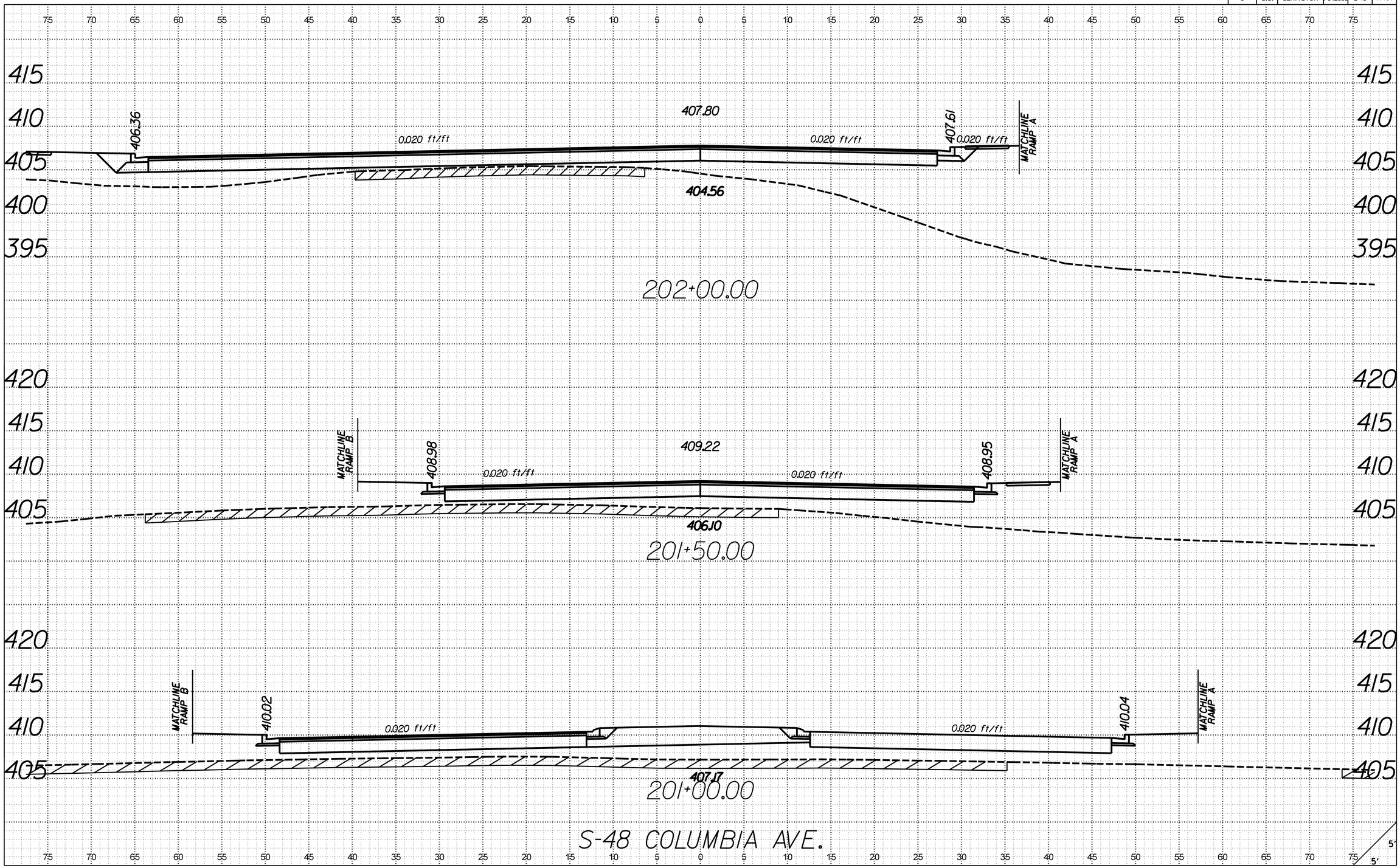
3	S.C.	LEXINGTON	P042383	S-48	X-134



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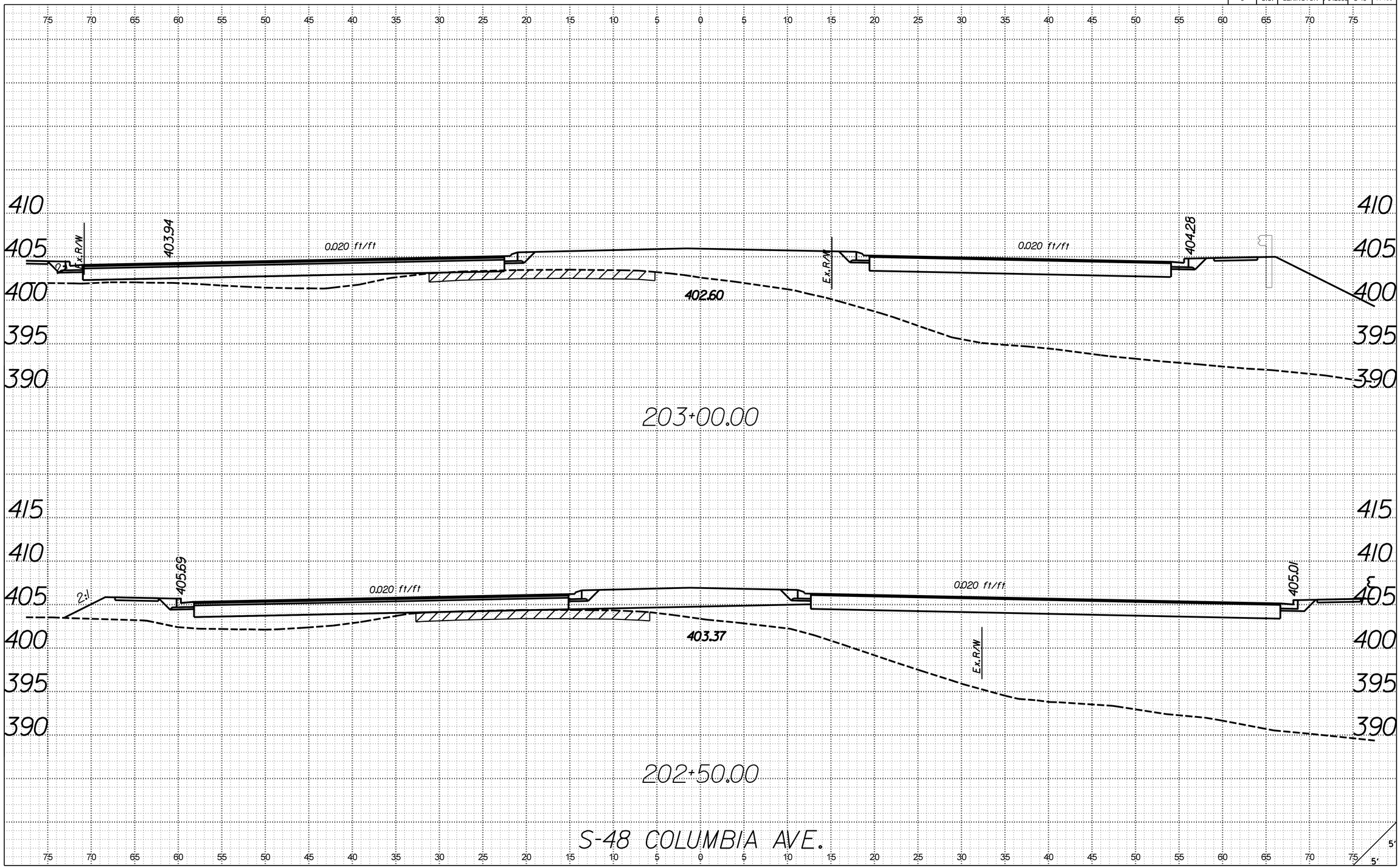

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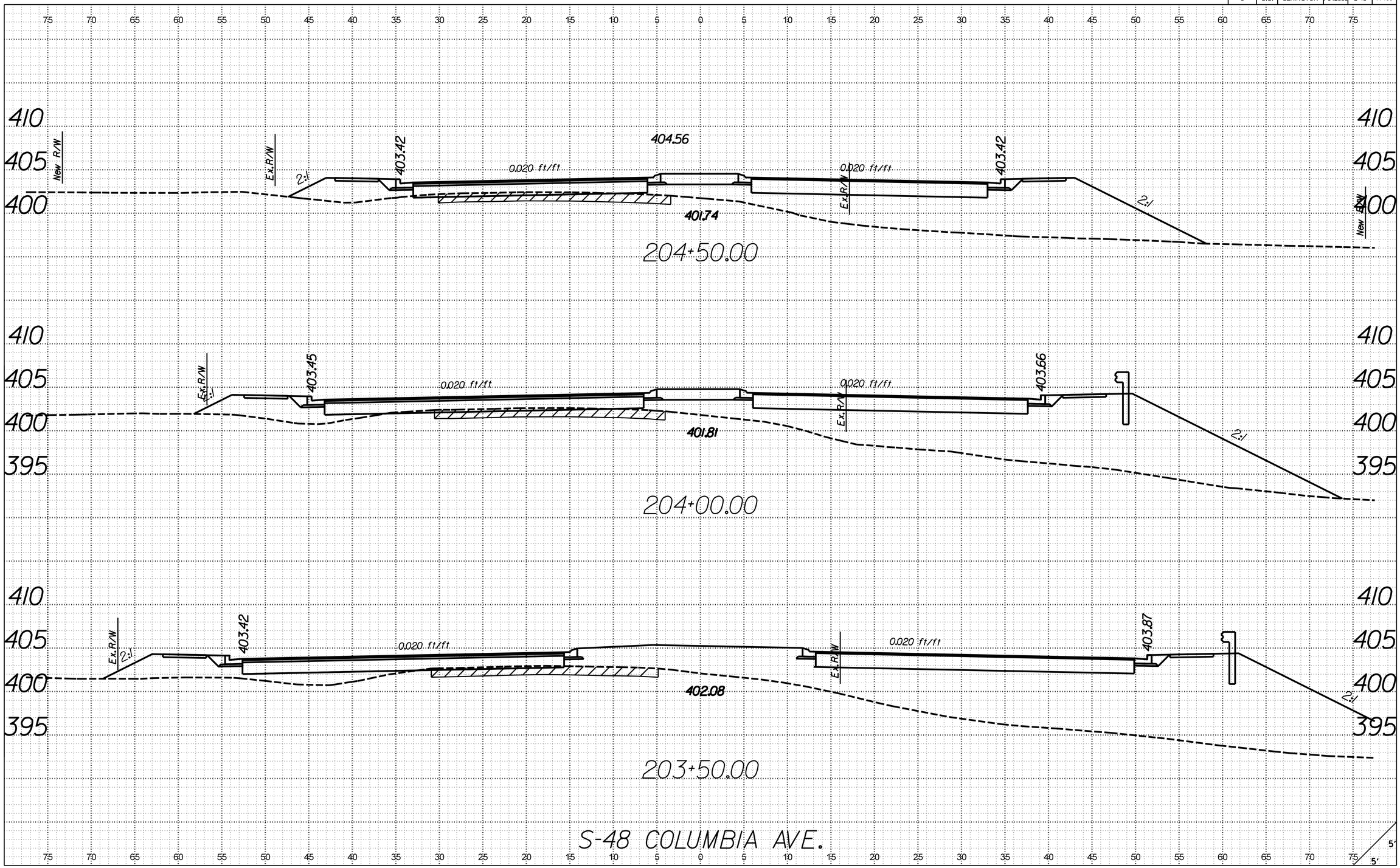

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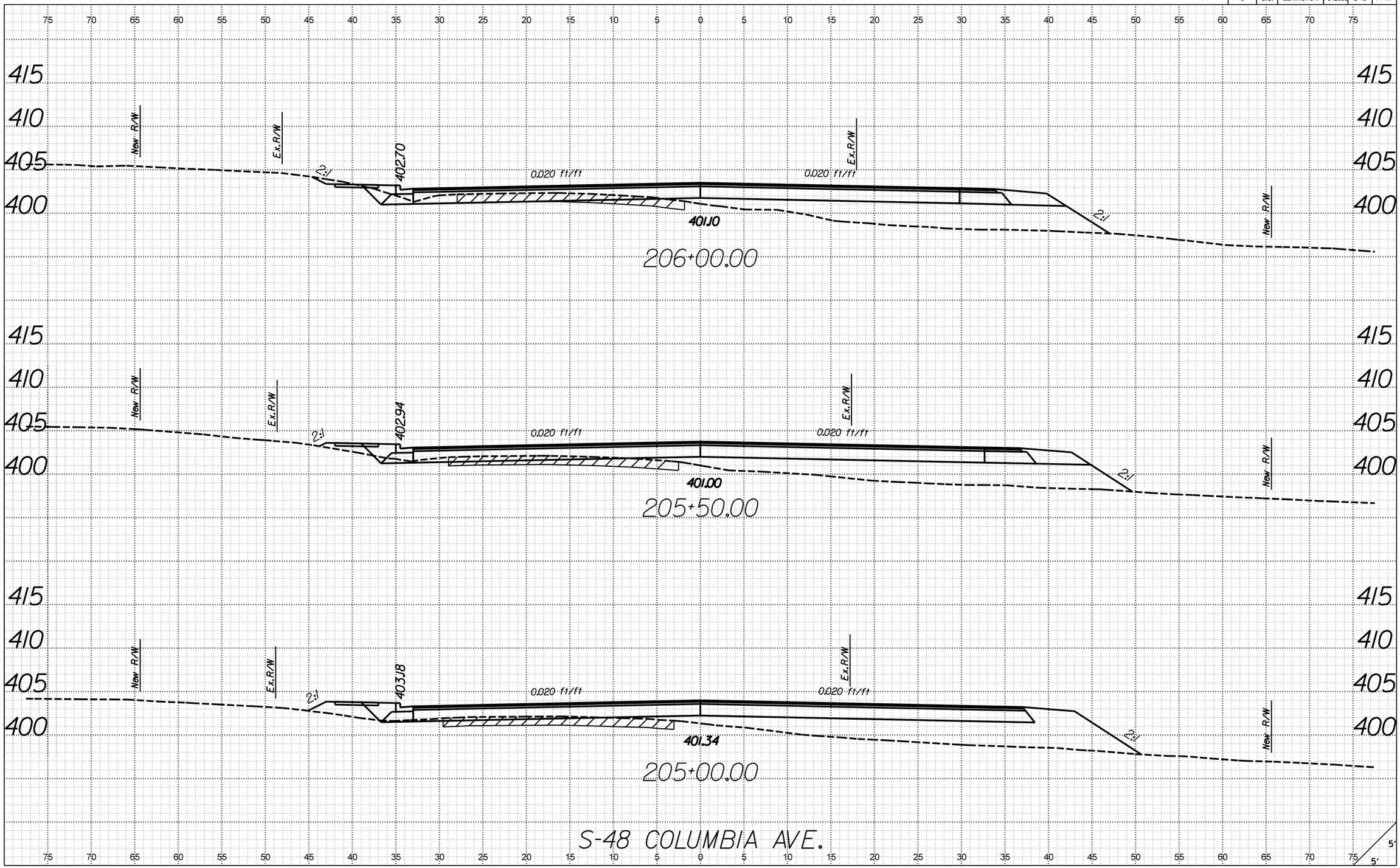
3	S.C.	LEXINGTON	P042383	S-48	X-137



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9:19:54 AM

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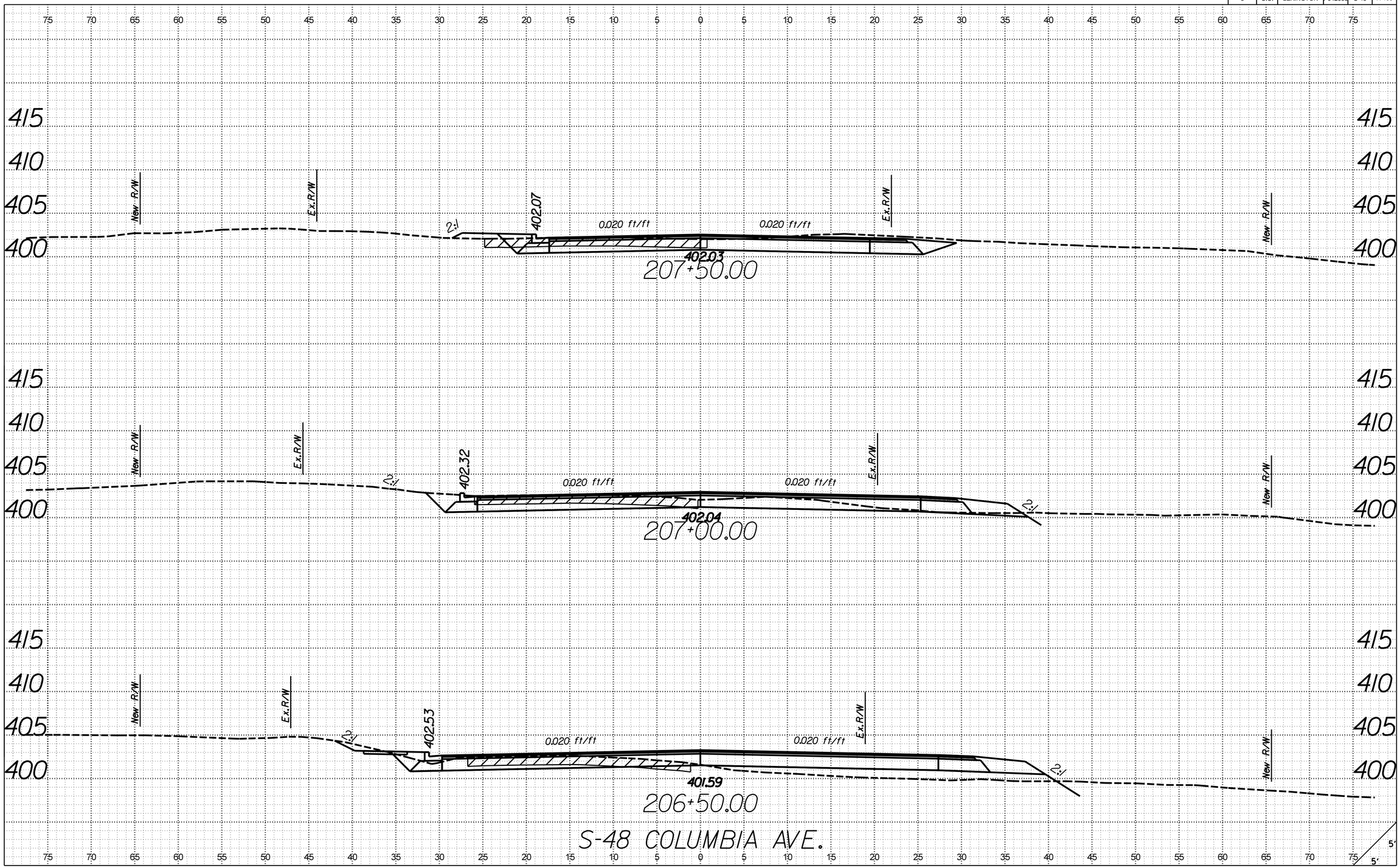
3	S.C.	LEXINGTON	P042383	S-48	X-138



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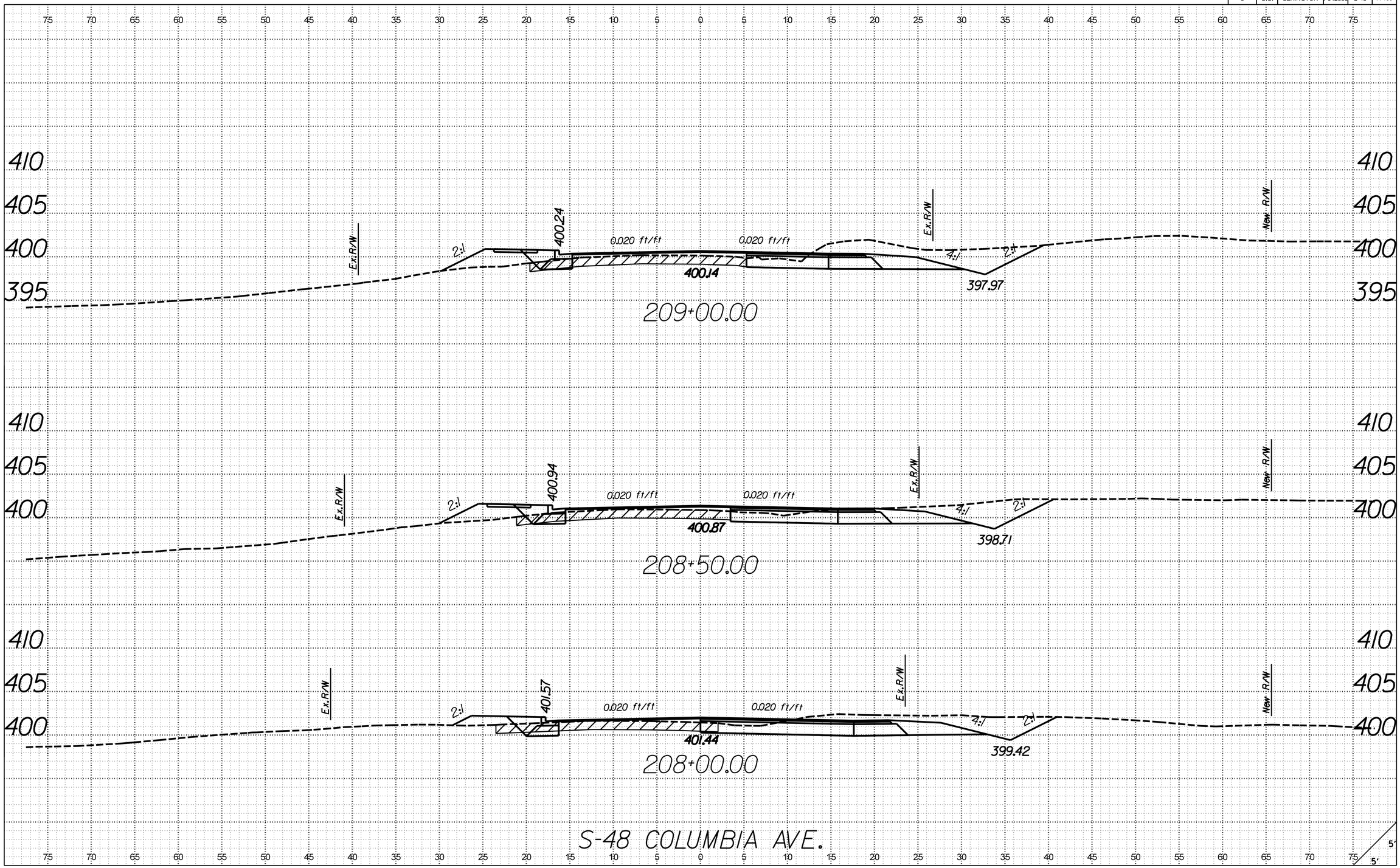
3	S.C.	LEXINGTON	P042383	S-48	X-139



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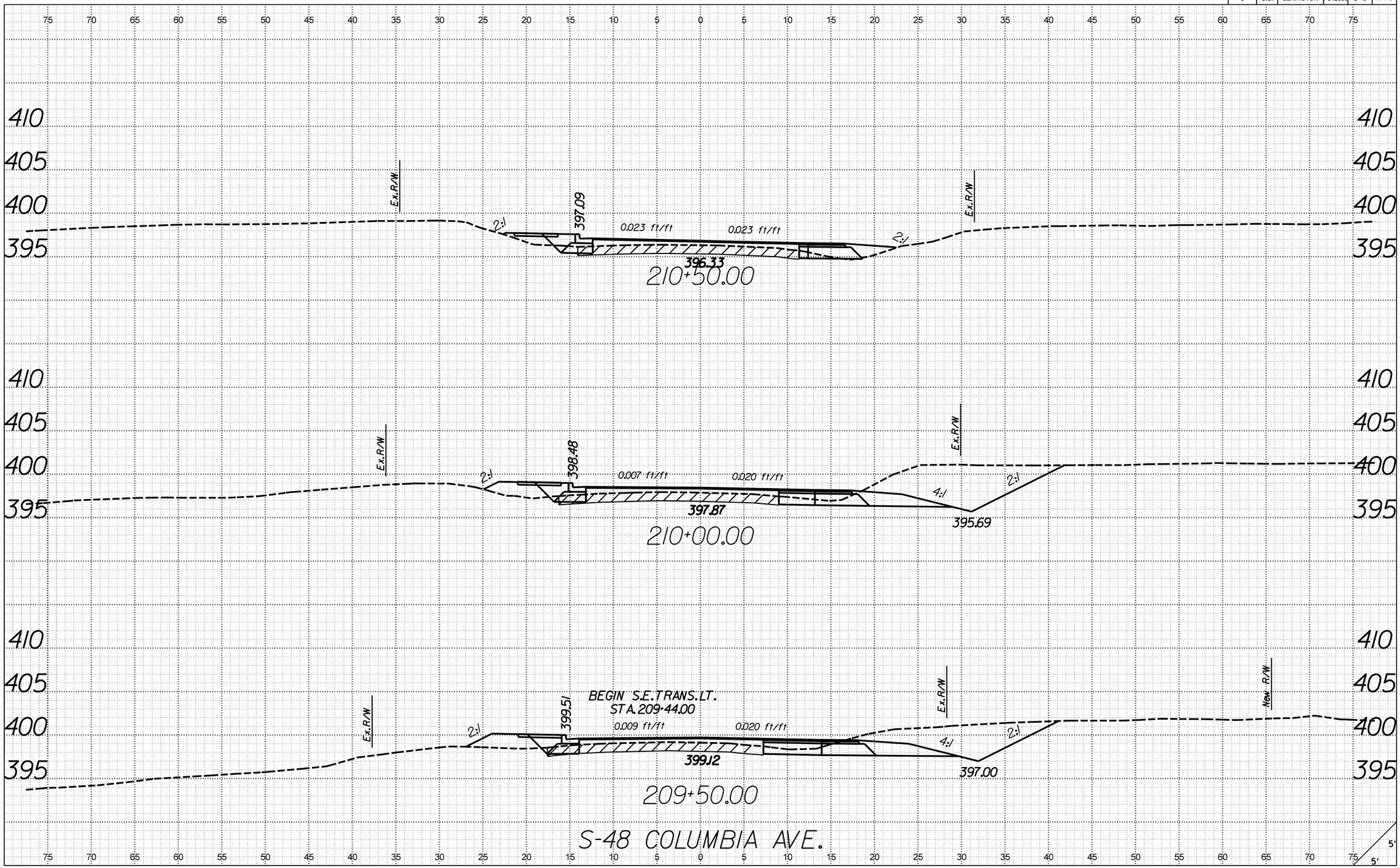
3	S.C.	LEXINGTON	P042383	S-48	X-140



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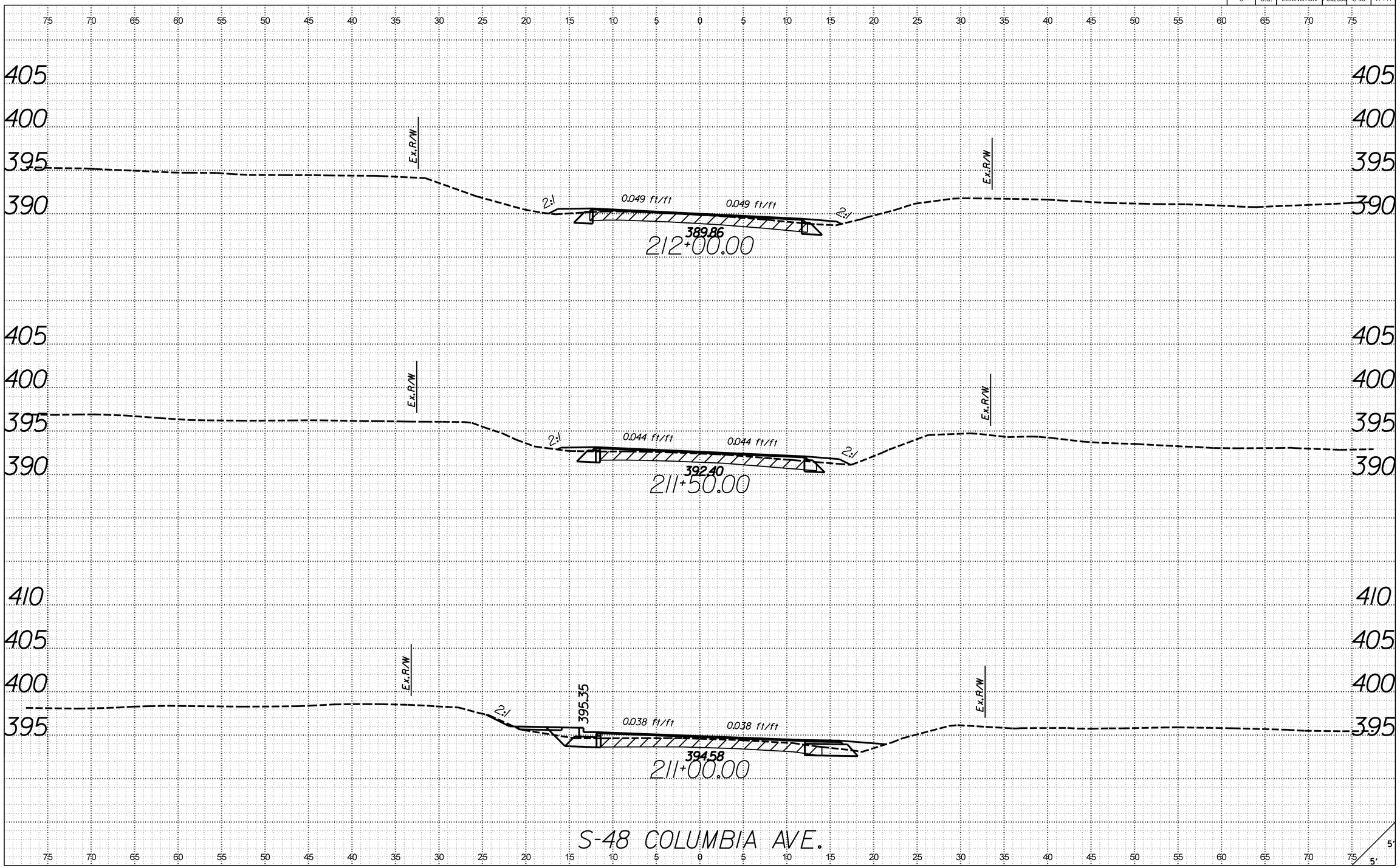
3	S.C.	LEXINGTON	P042383	S-48	X-141



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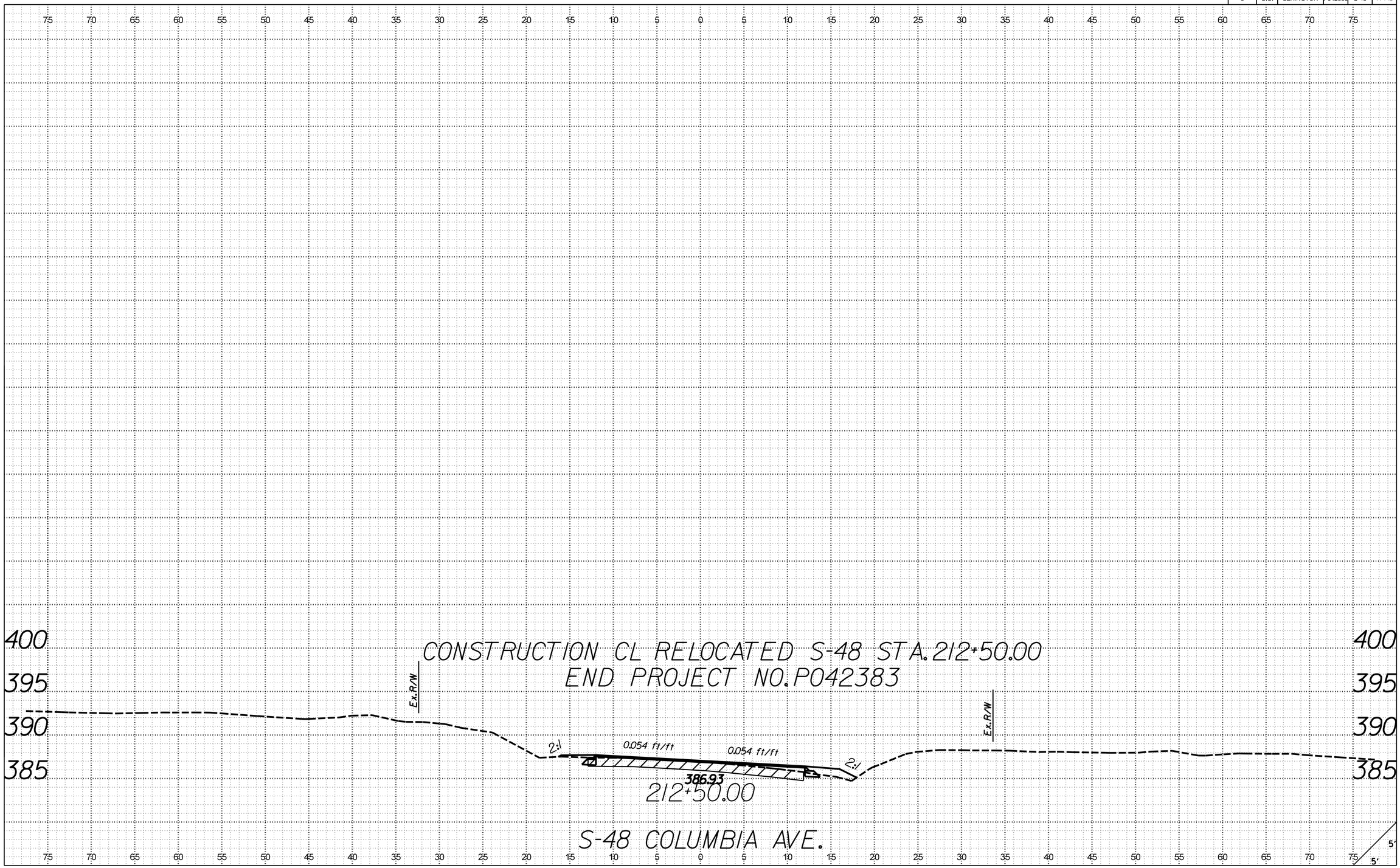
3/21/2017
9:20:02 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-142



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3/21/2017
9:20:04 AM

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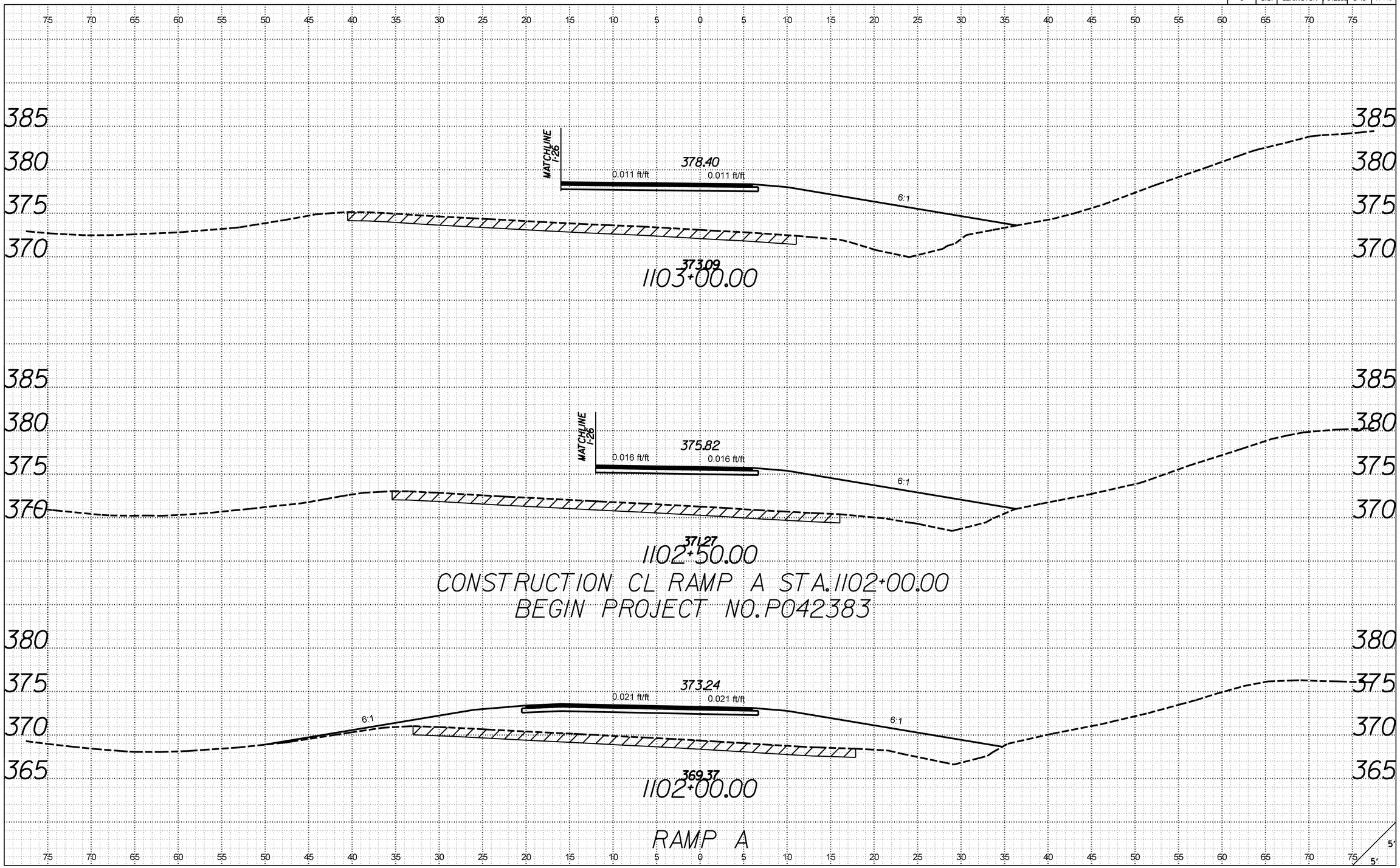
3	S.C.	LEXINGTON	P042383	S-48	X-143



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3/21/2017
9:26:18 AM

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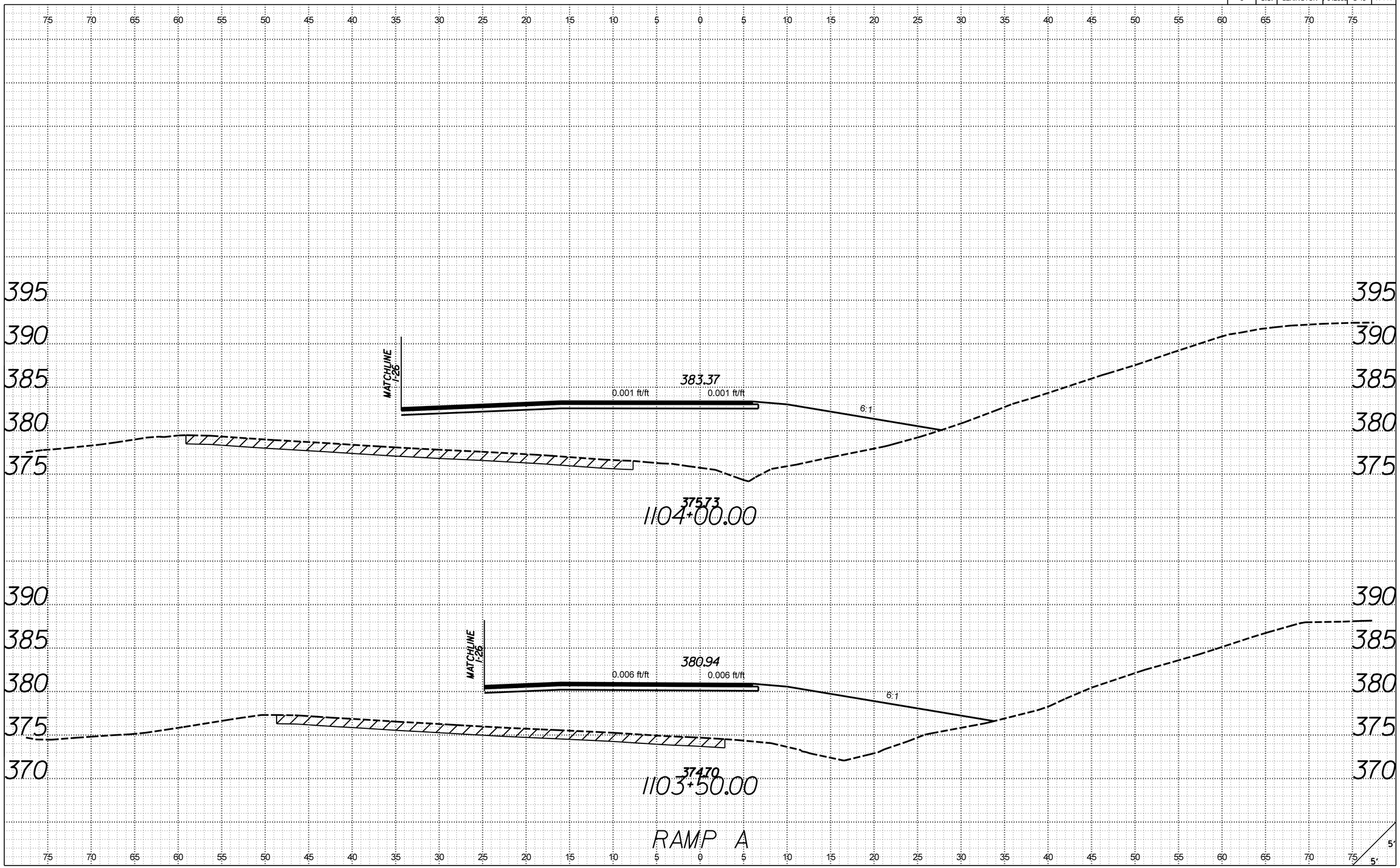
3	S.C.	LEXINGTON	P042383	S-48	X-144



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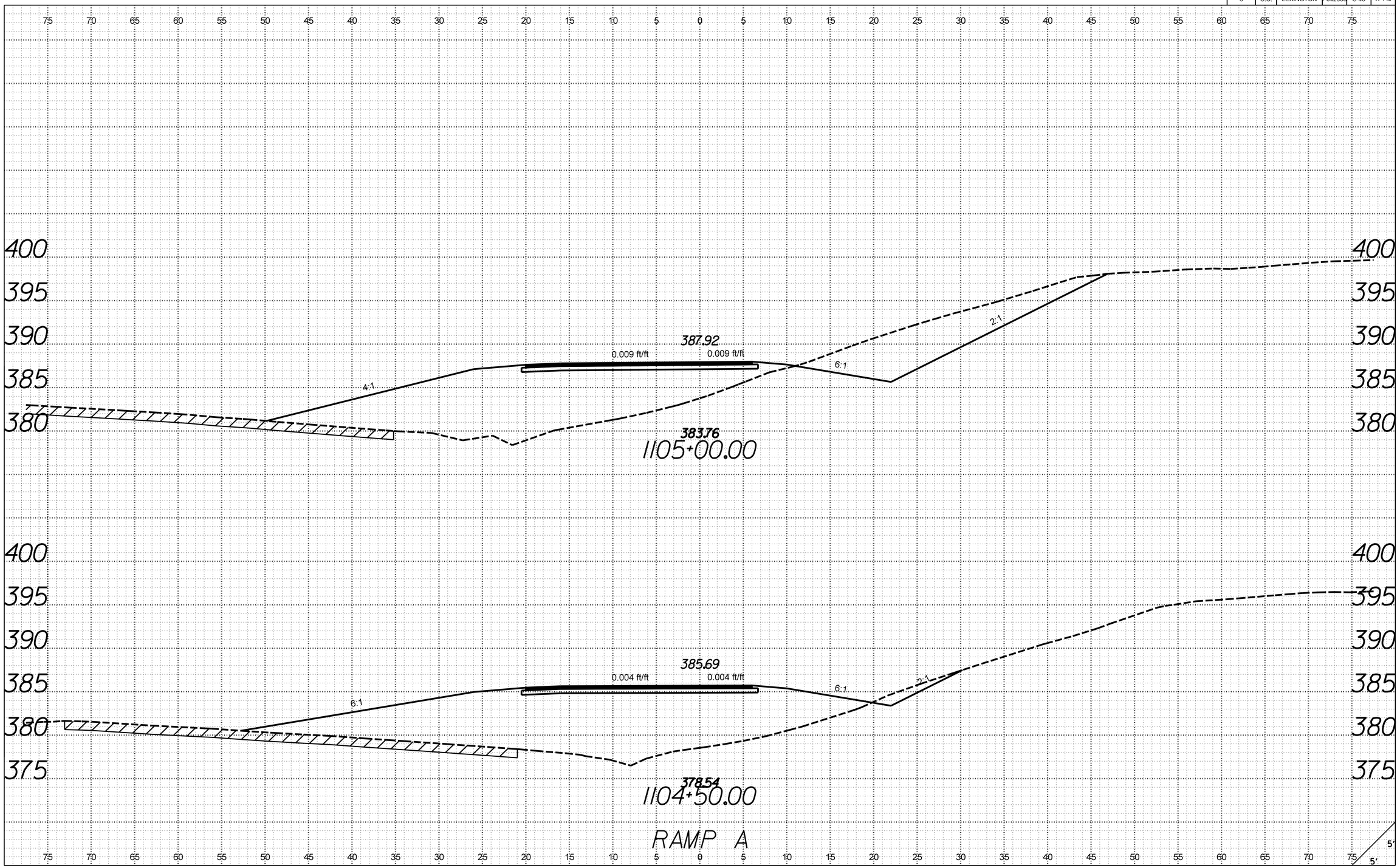
3	S.C.	LEXINGTON	P042383	S-48	X-145



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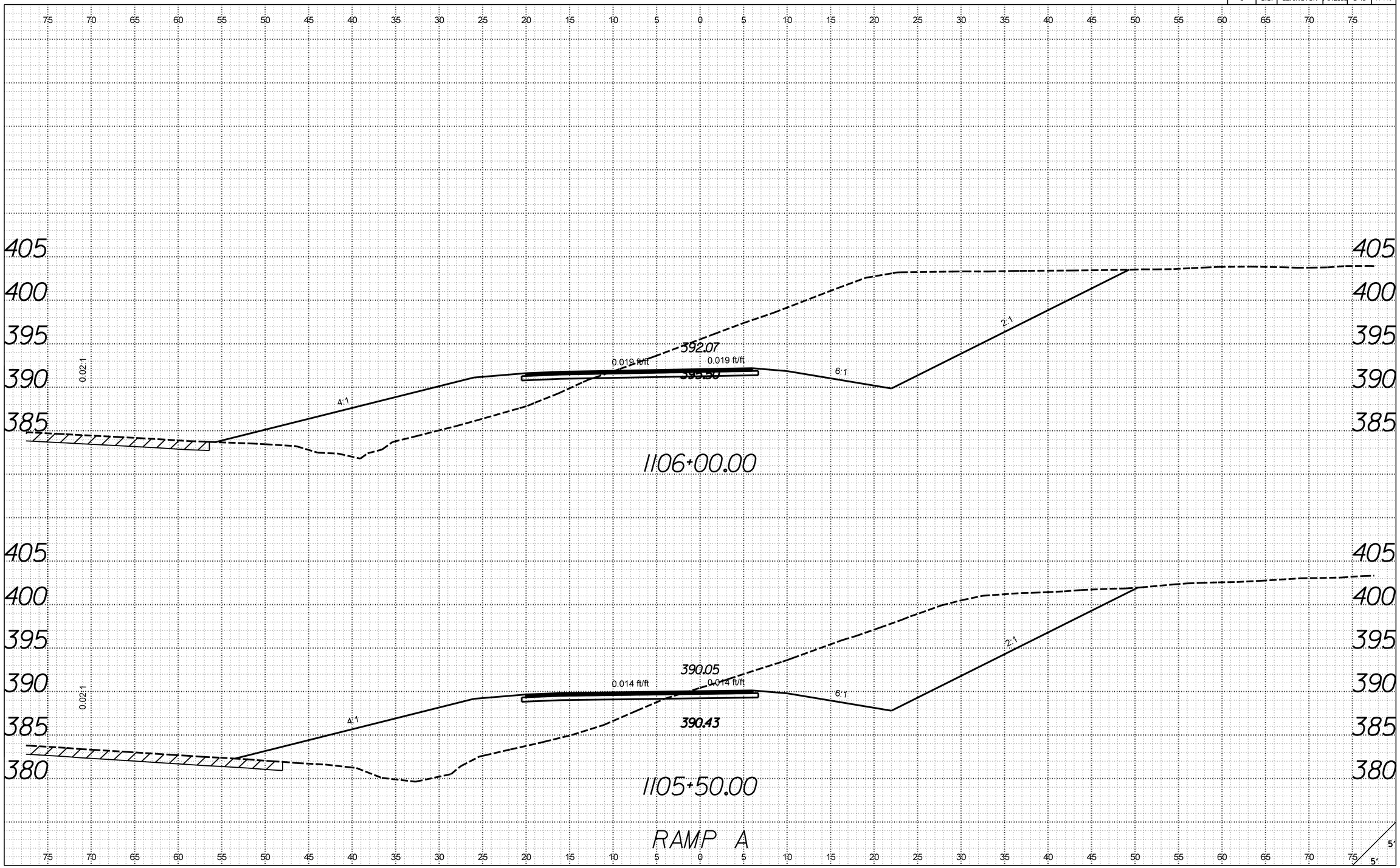
3	S.C.	LEXINGTON	P042383	S-48	X-146



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3/21/2017
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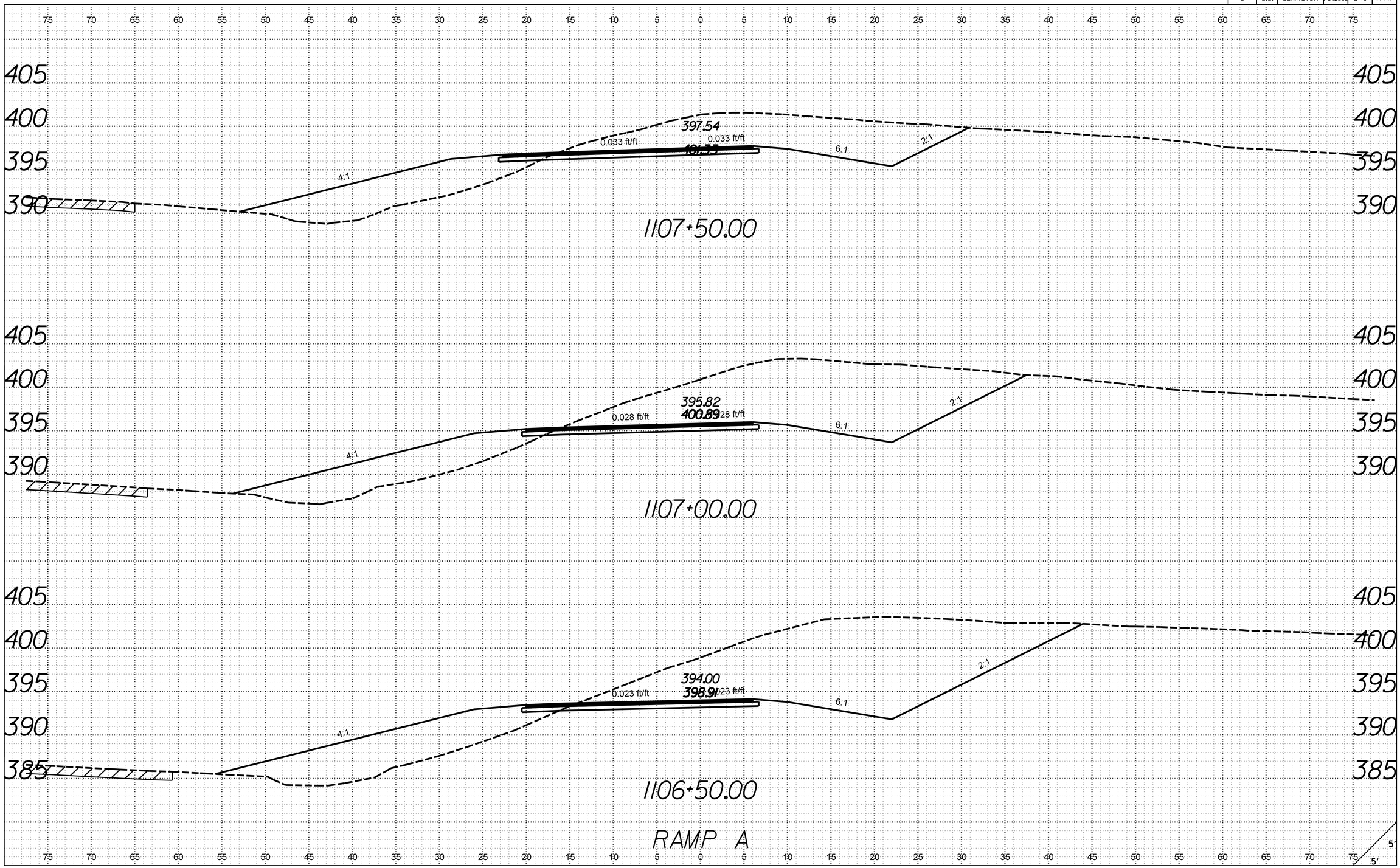
3	S.C.	LEXINGTON	P042383	S-48	X-147



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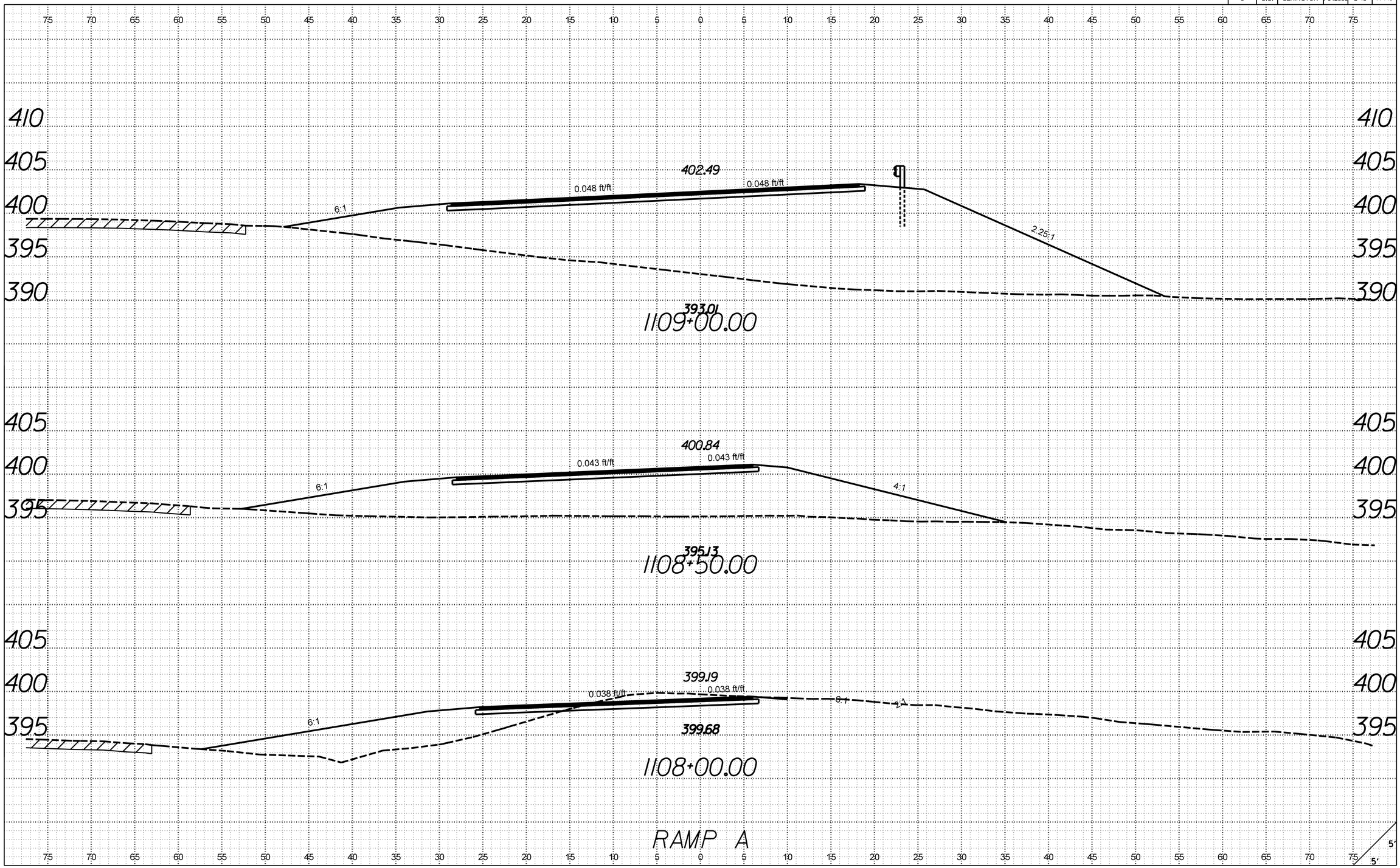
3	S.C.	LEXINGTON	P042383	S-48	X-148



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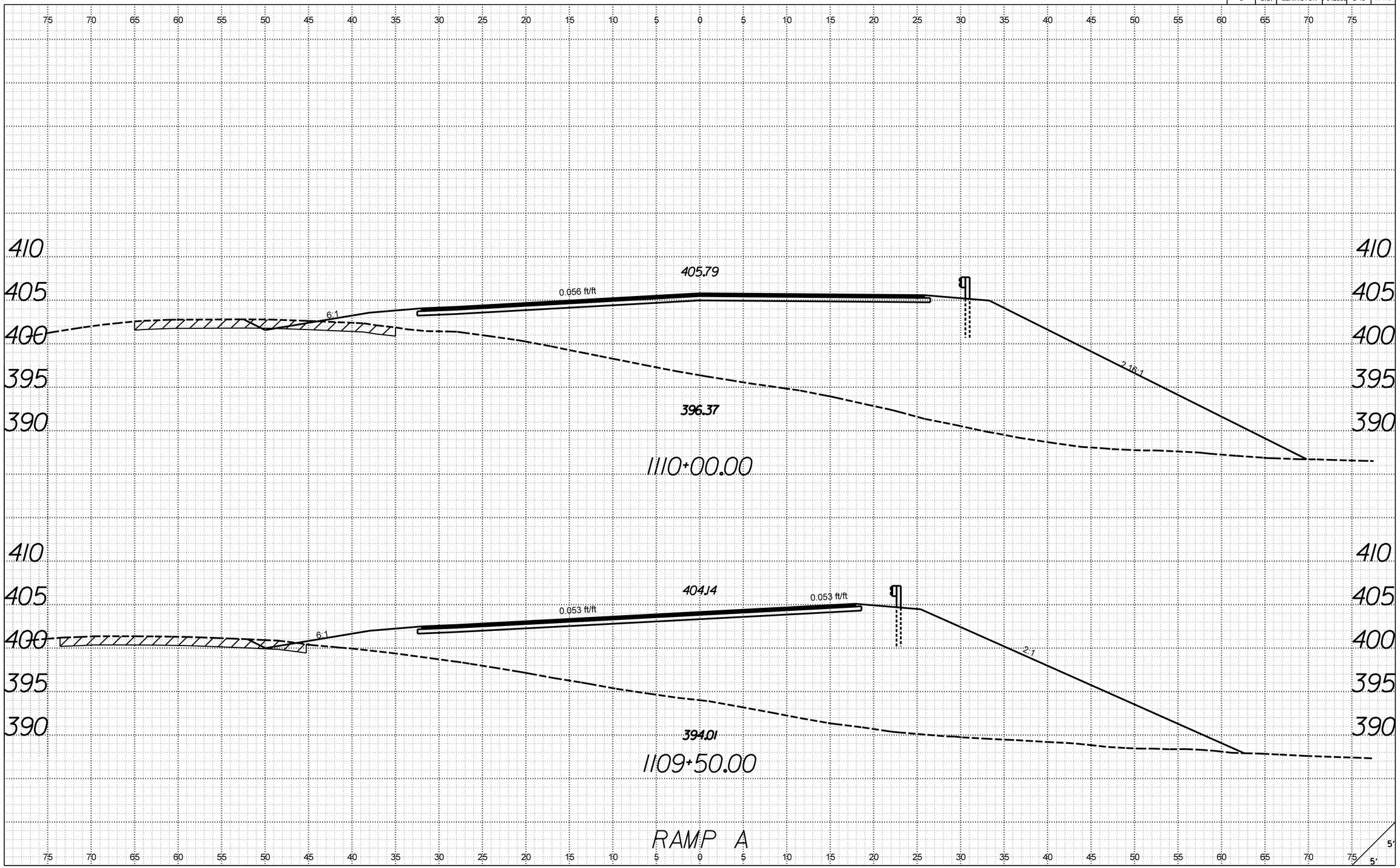
3	S.C.	LEXINGTON	P042383	S-48	X-149



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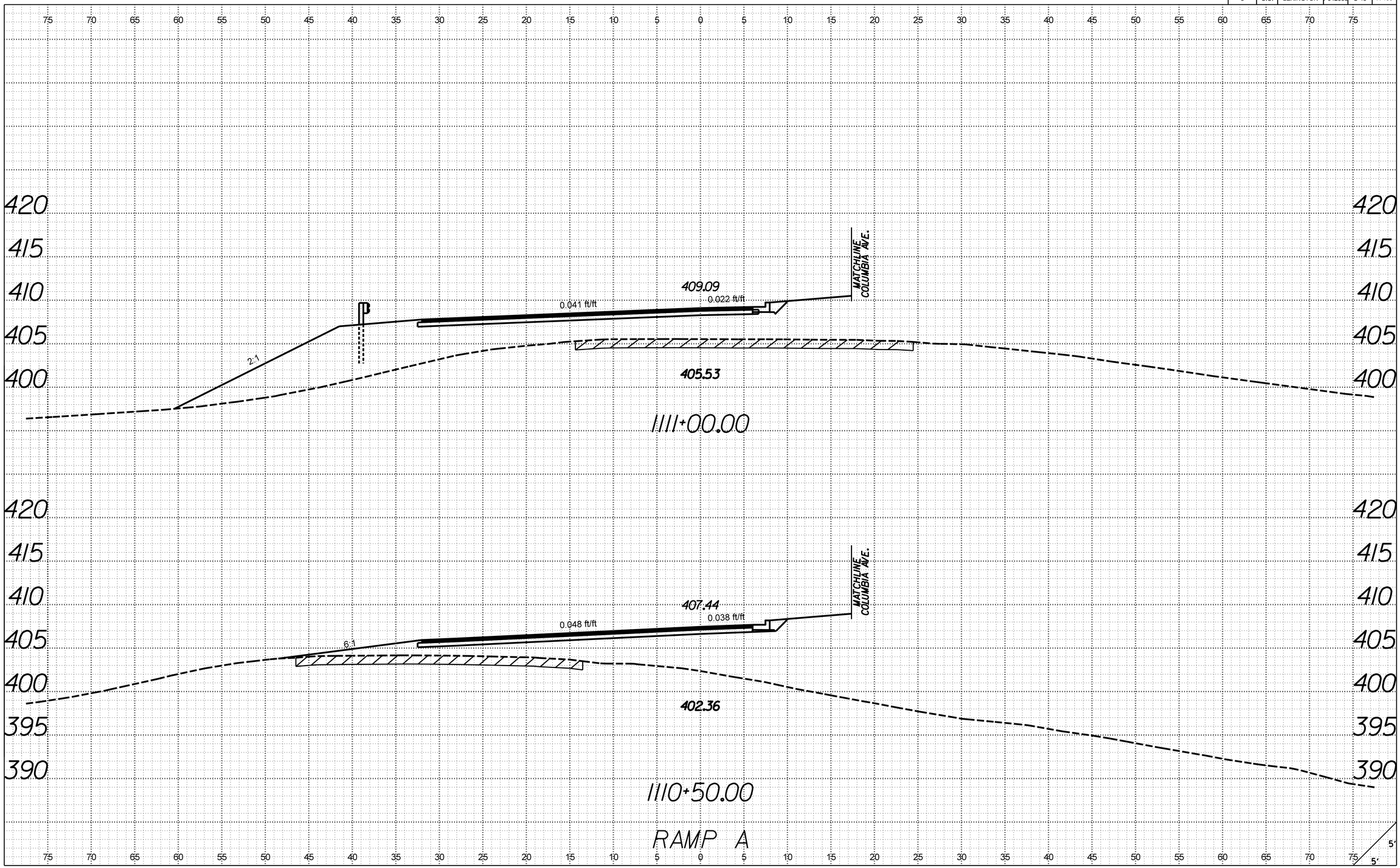
3	S.C.	LEXINGTON	P042383	S-48	X-150



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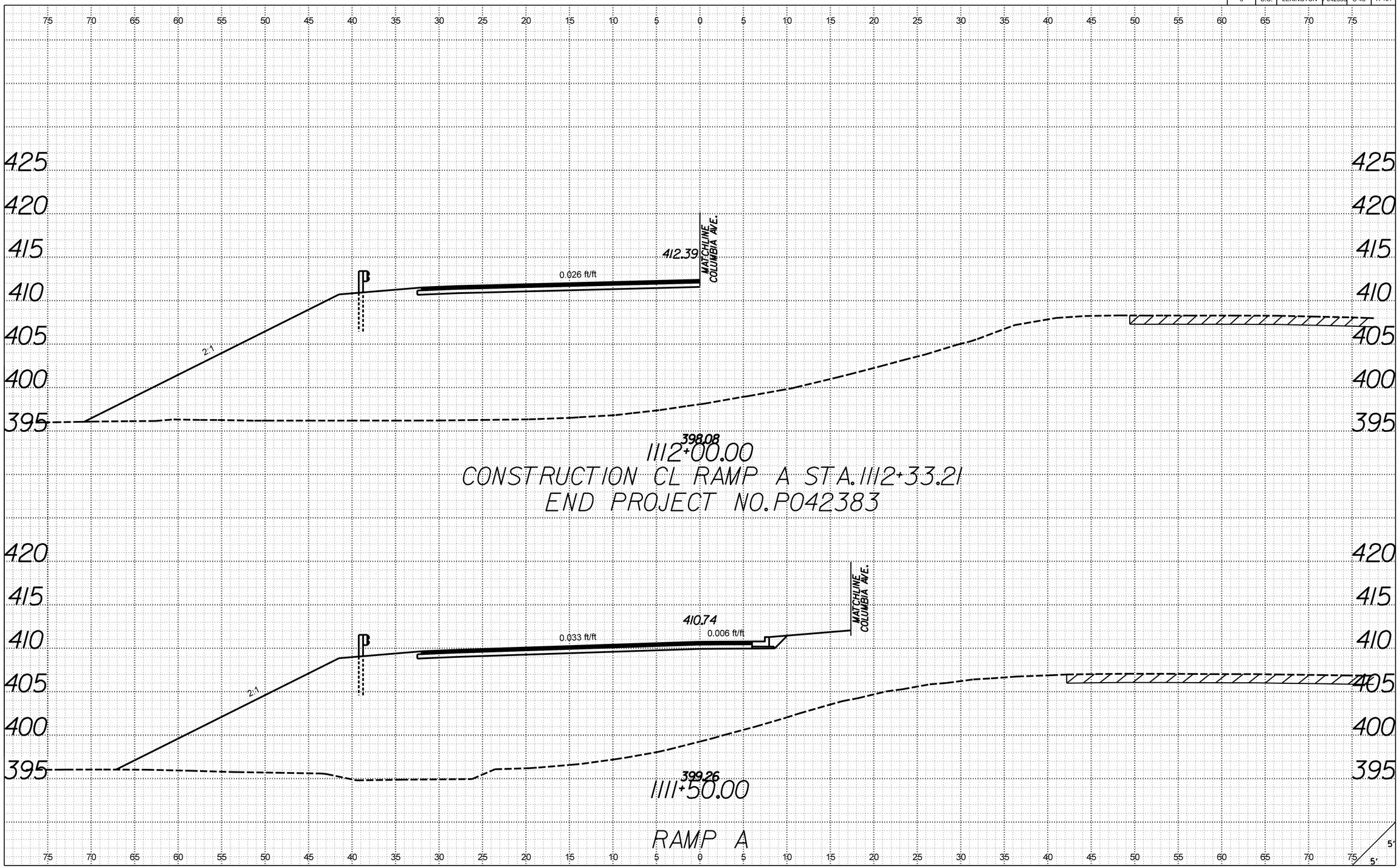
9:26:20 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-151



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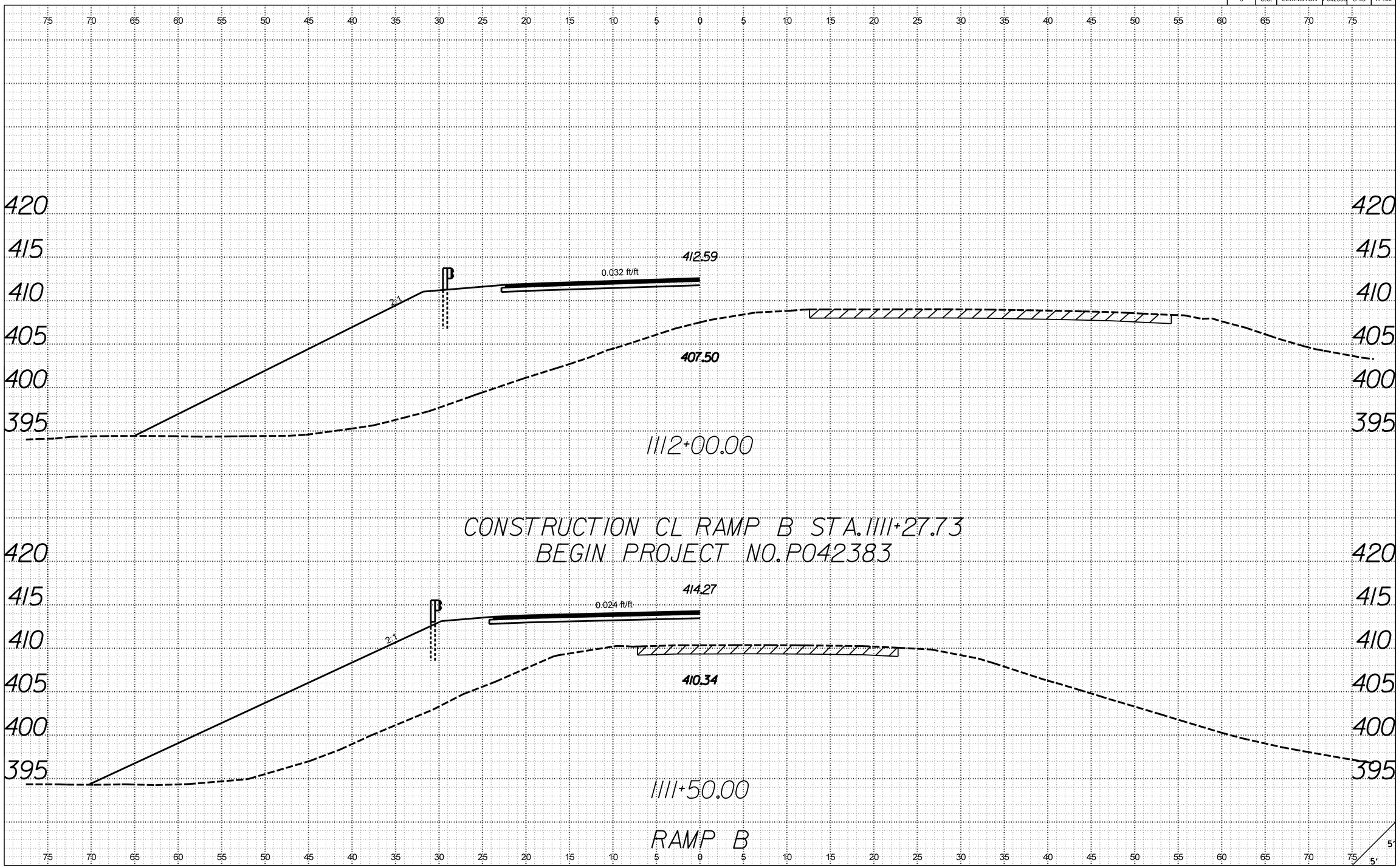
3/21/2017
9:26:21 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-152



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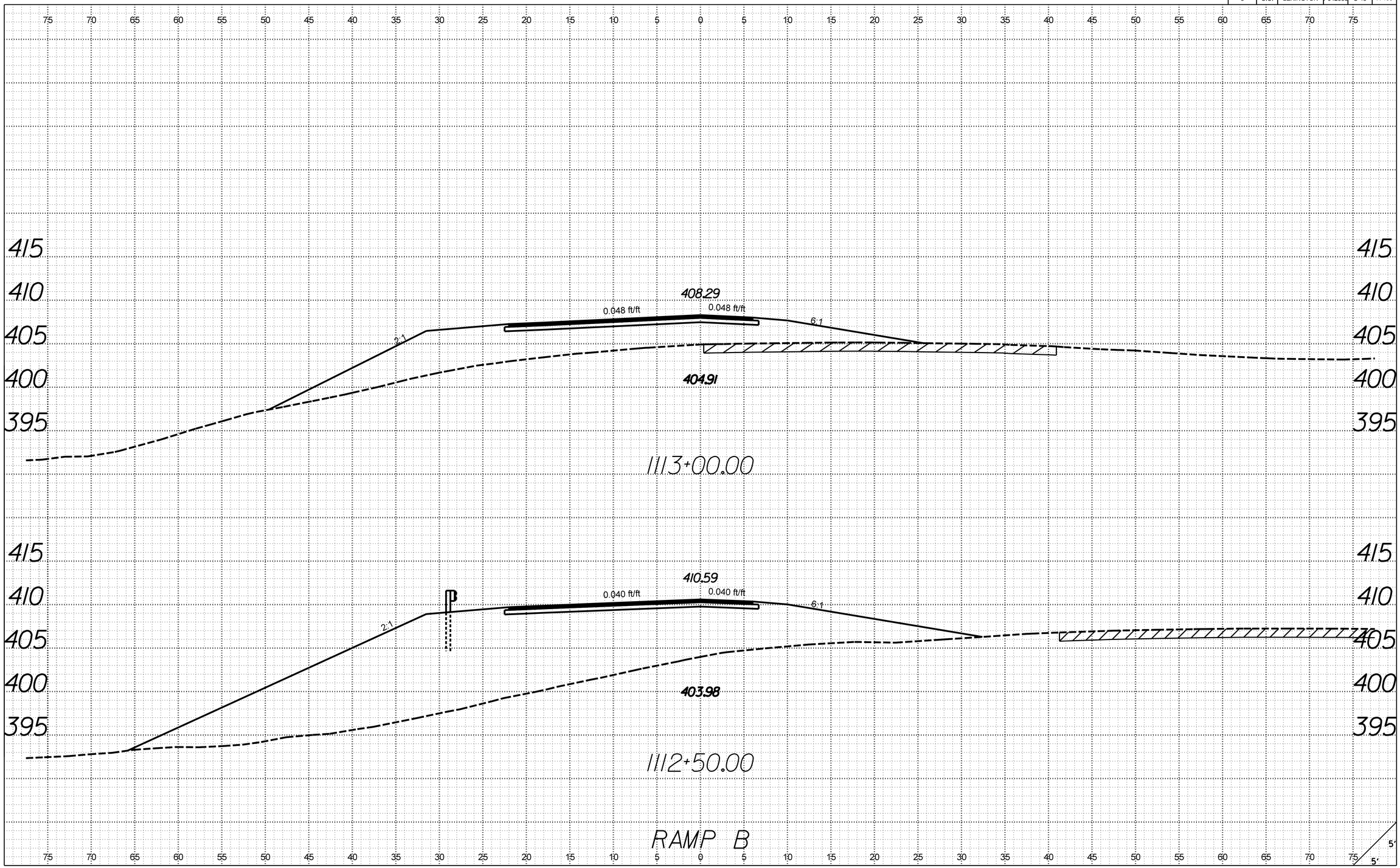
3	S.C.	LEXINGTON	P042383	S-48	X-153



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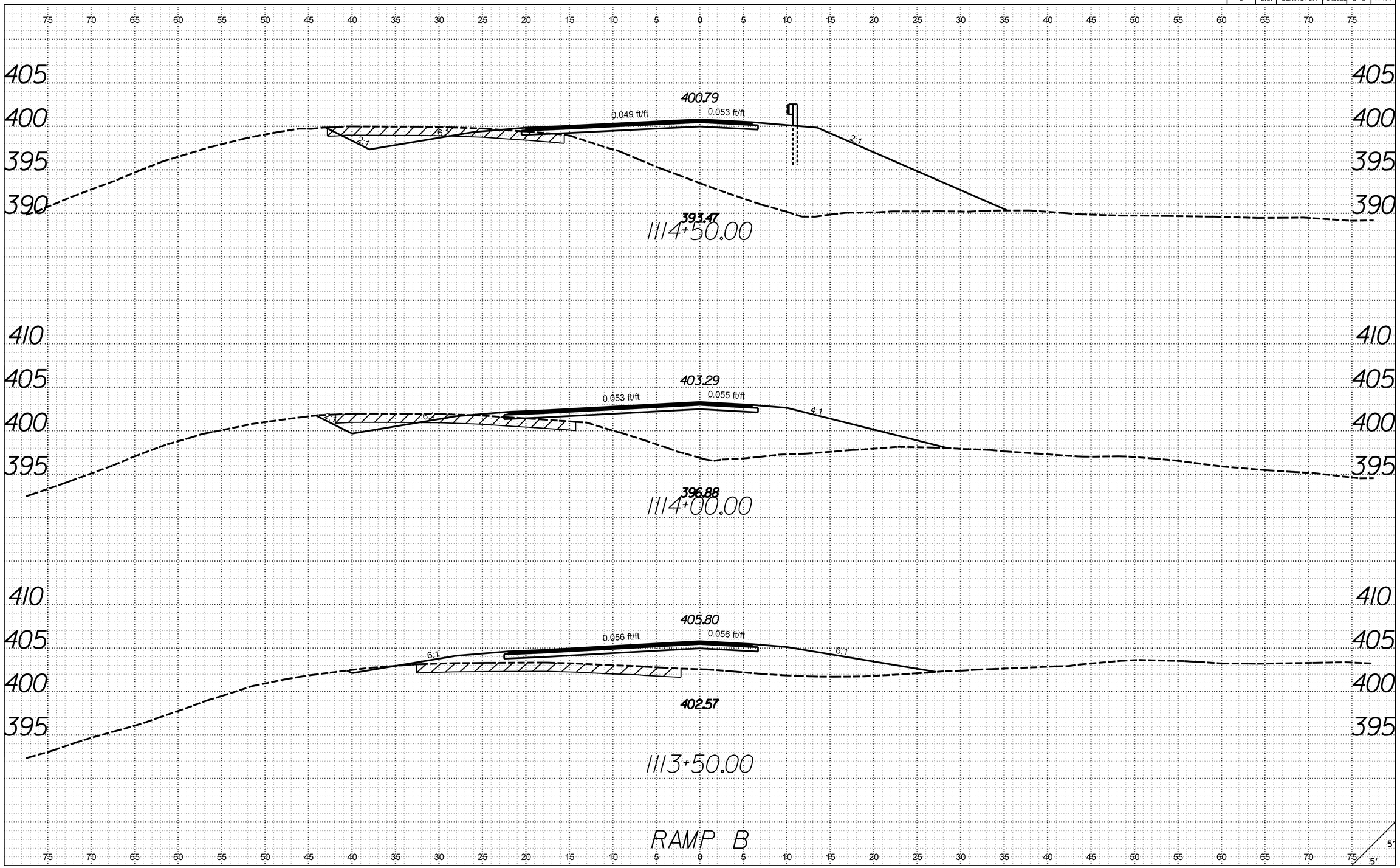
3	S.C.	LEXINGTON	P042383	S-48	X-154



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3/21/2017
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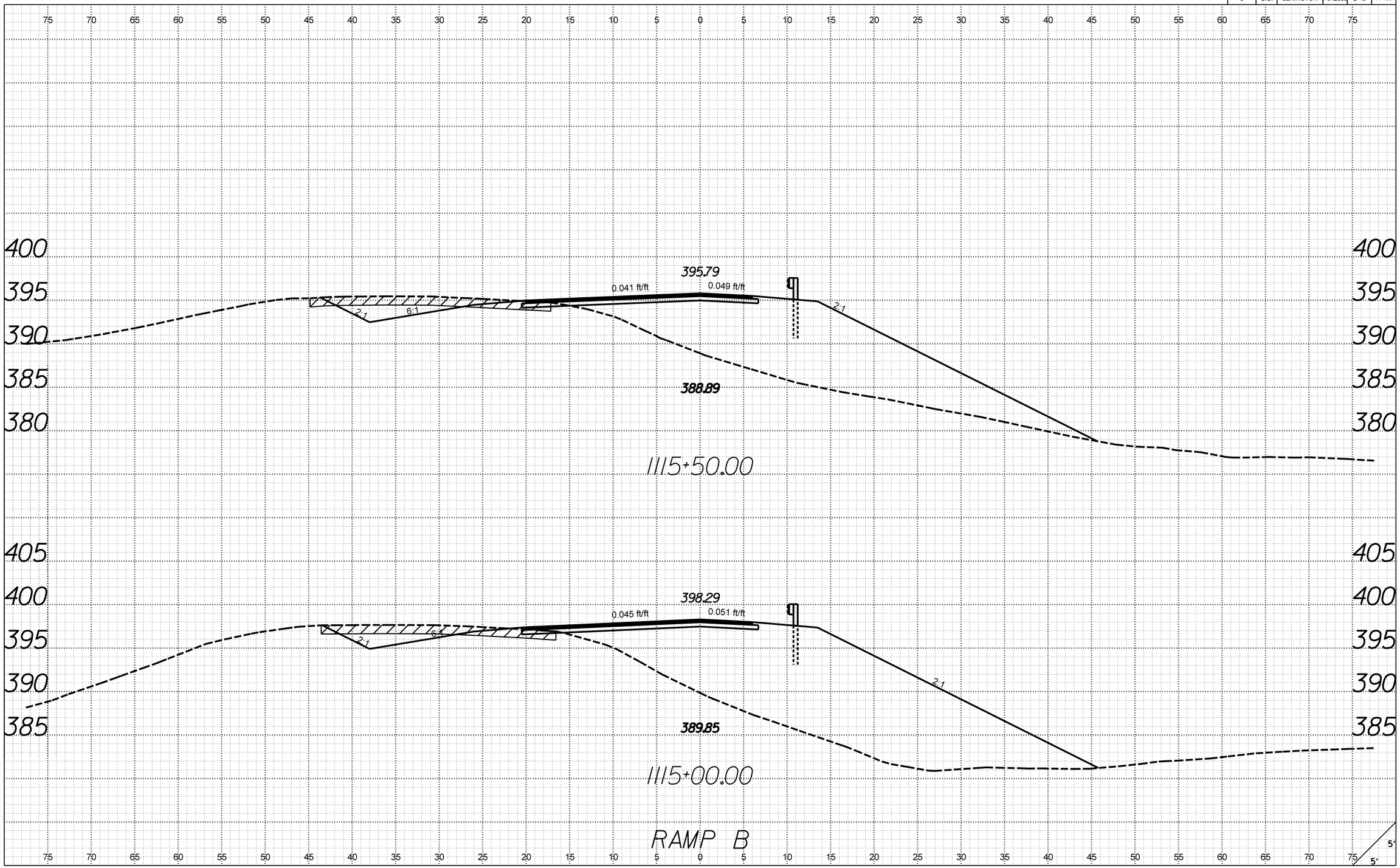
3	S.C.	LEXINGTON	P042383	S-48	X-155



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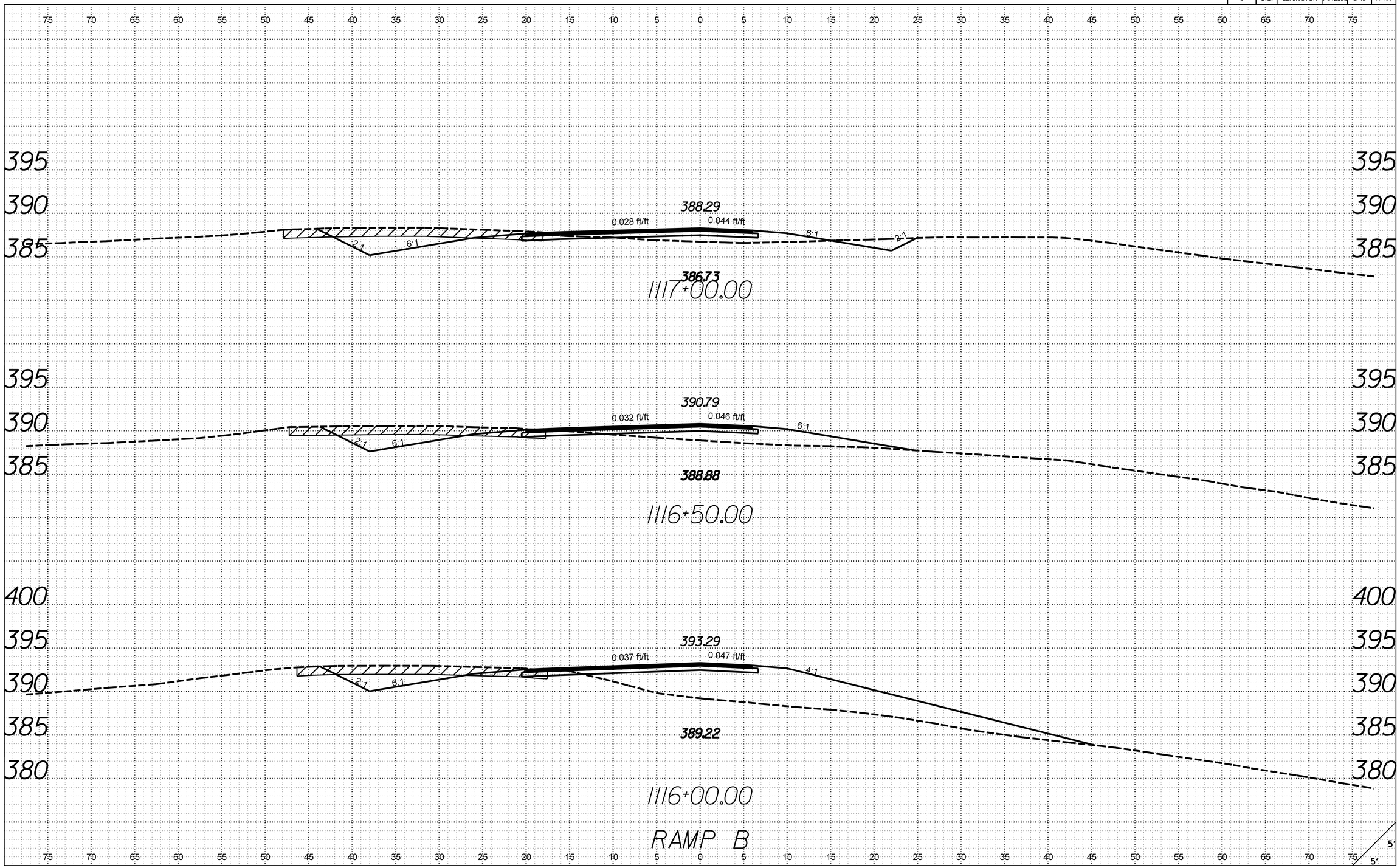
3	S.C.	LEXINGTON	P042383	S-48	X-156



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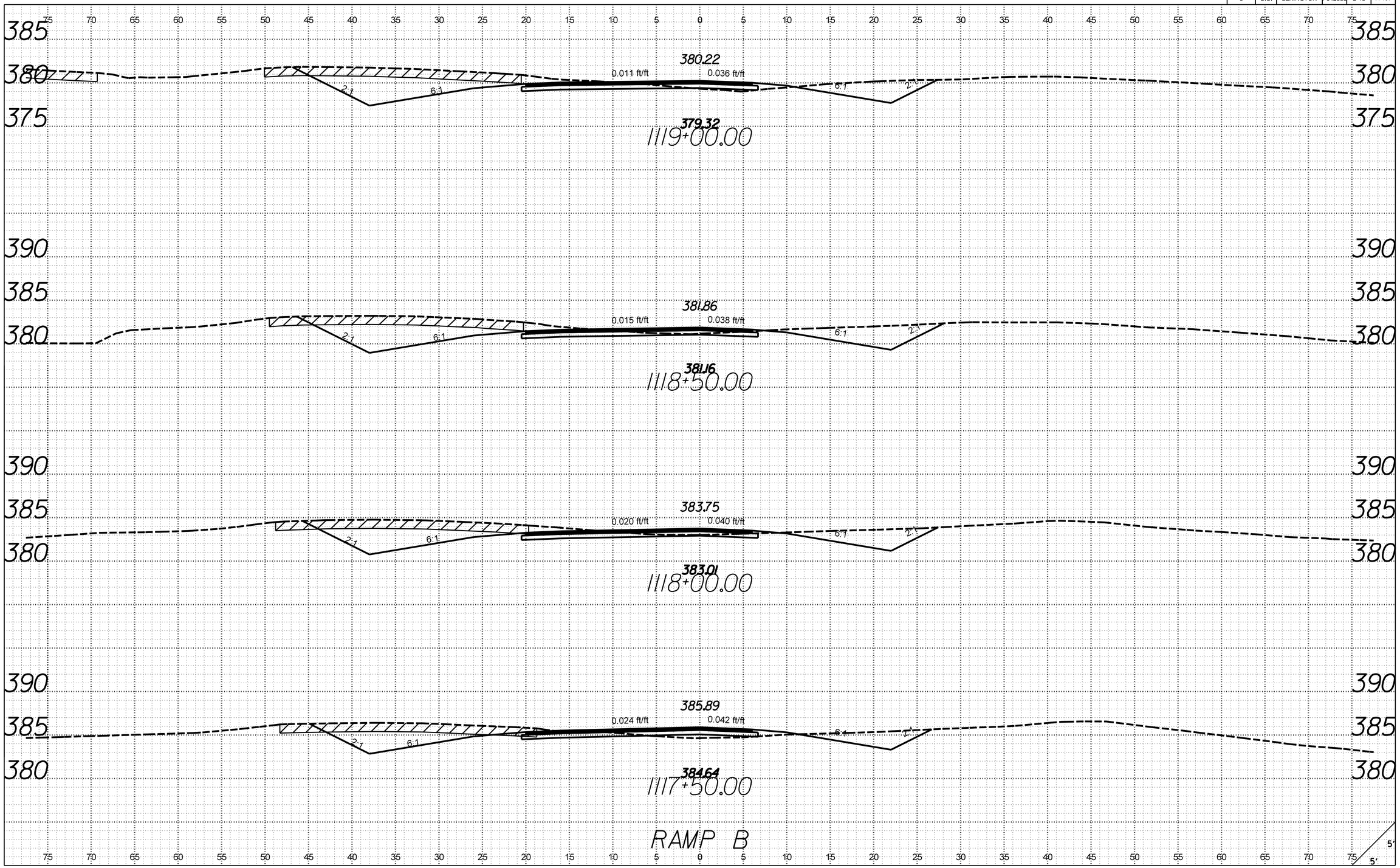
3	S.C.	LEXINGTON	P042383	S-48	X-157



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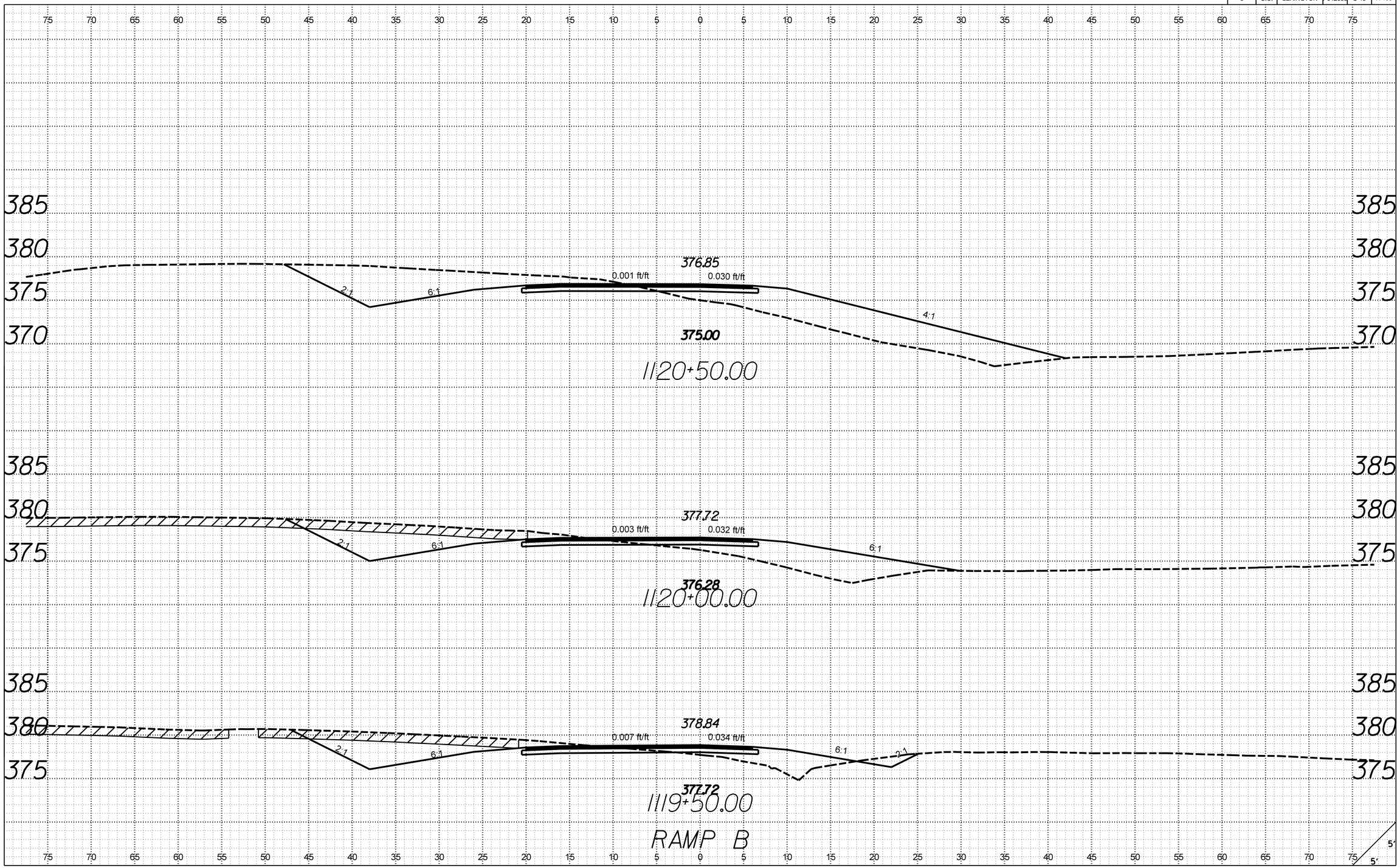
3	S.C.	LEXINGTON	P042383	S-48	X-158



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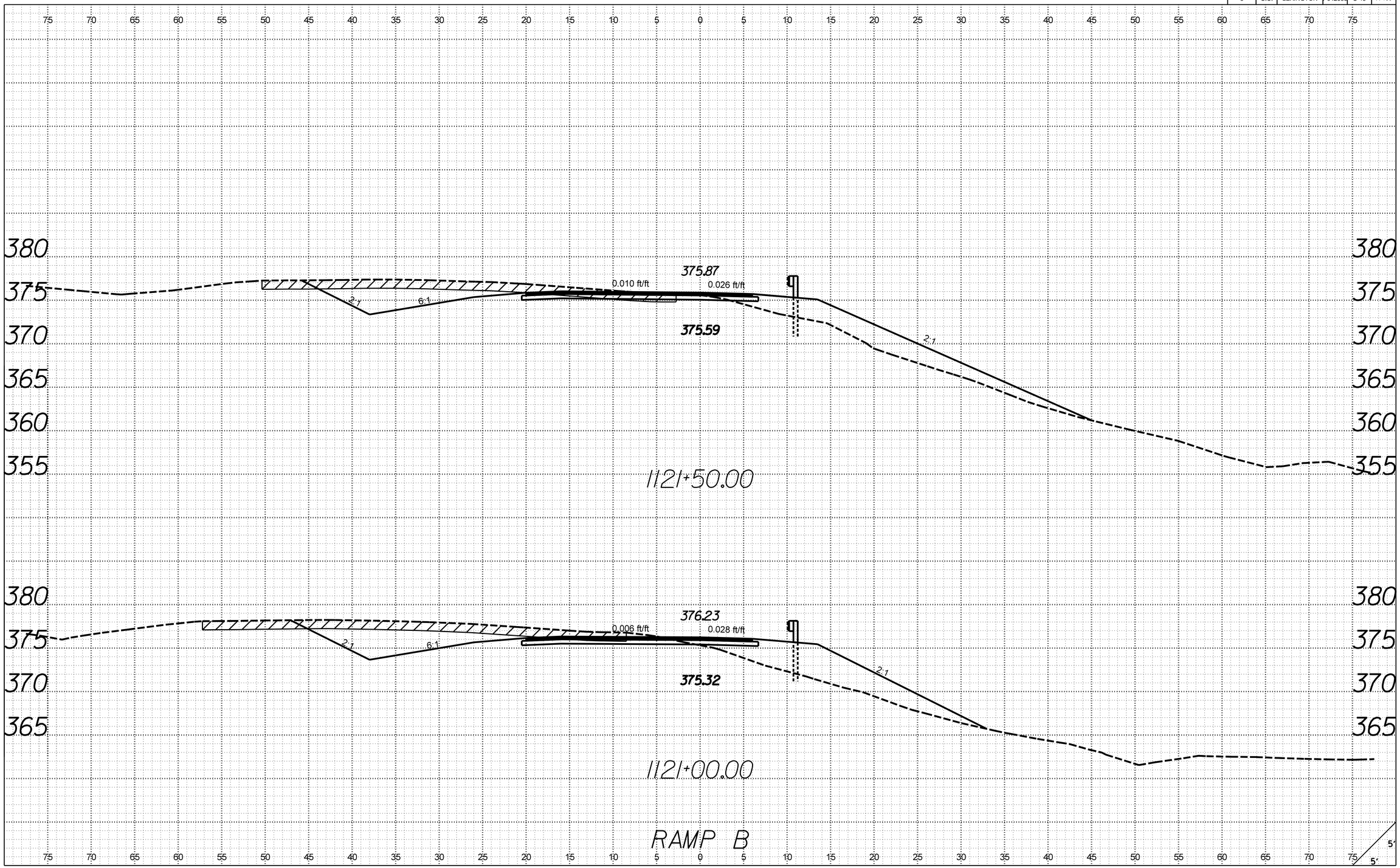
3	S.C.	LEXINGTON	P042383	S-48	X-159



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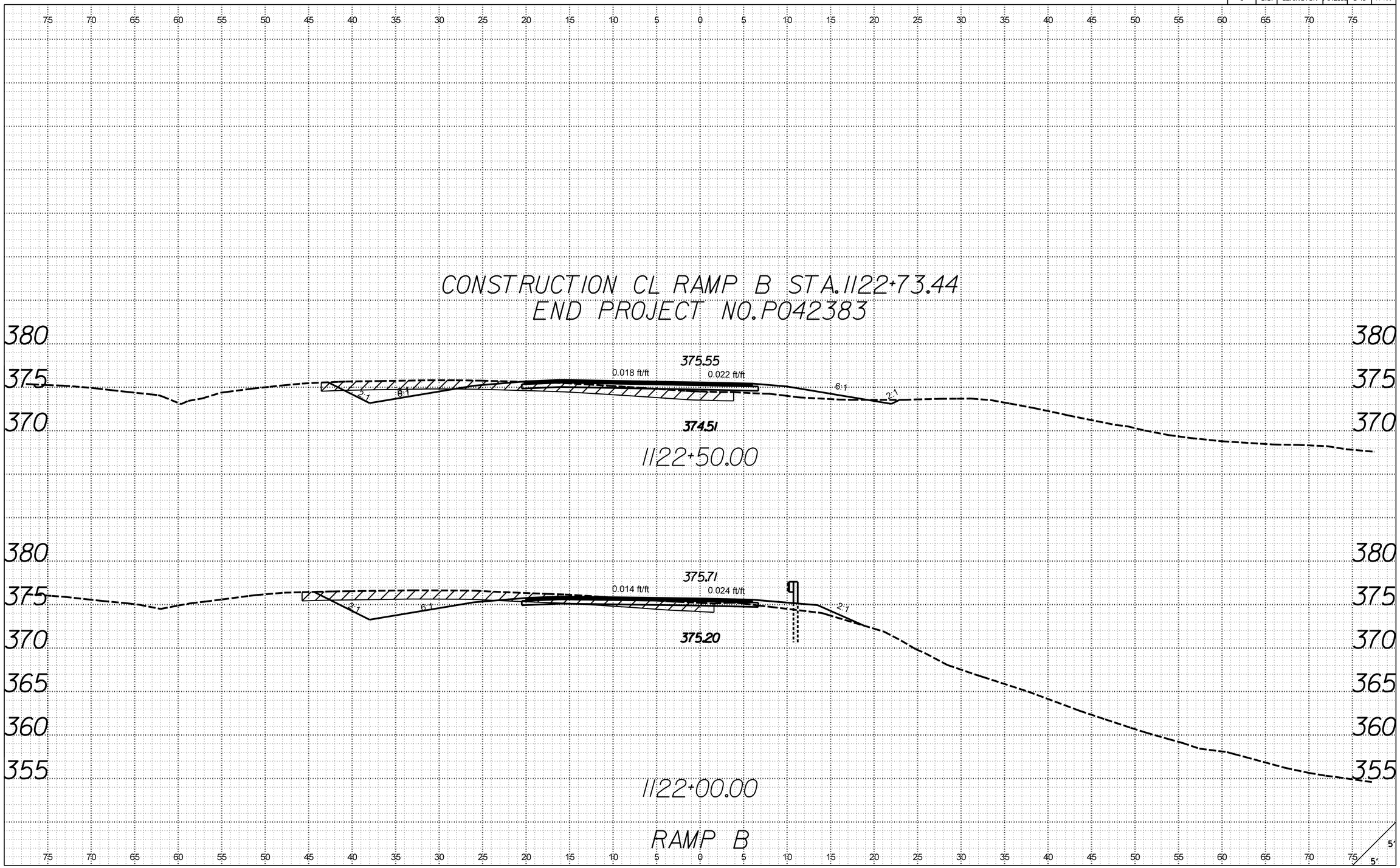
3	S.C.	LEXINGTON	P042383	S-48	X-160



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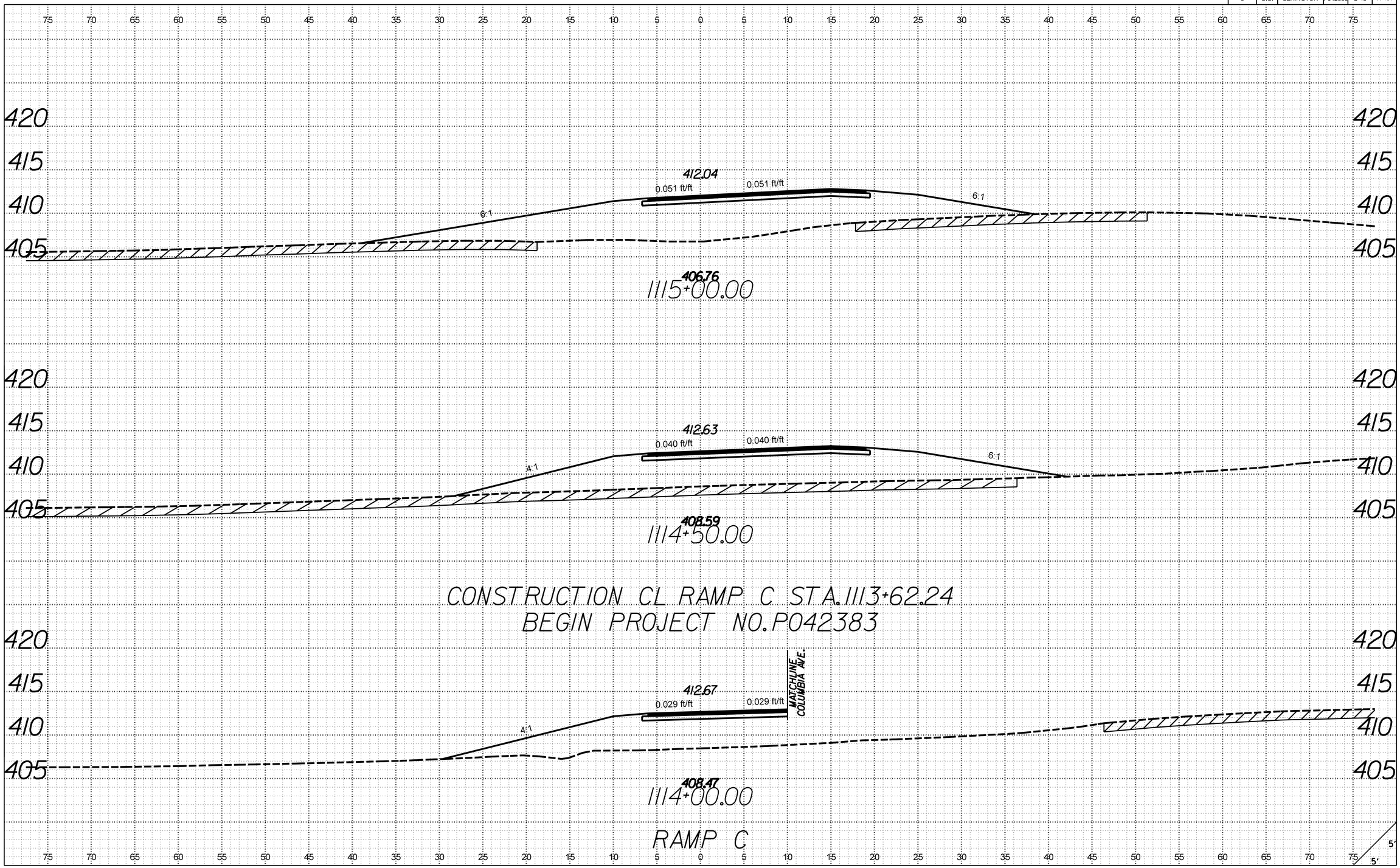
3	S.C.	LEXINGTON	P042383	S-48	X-161



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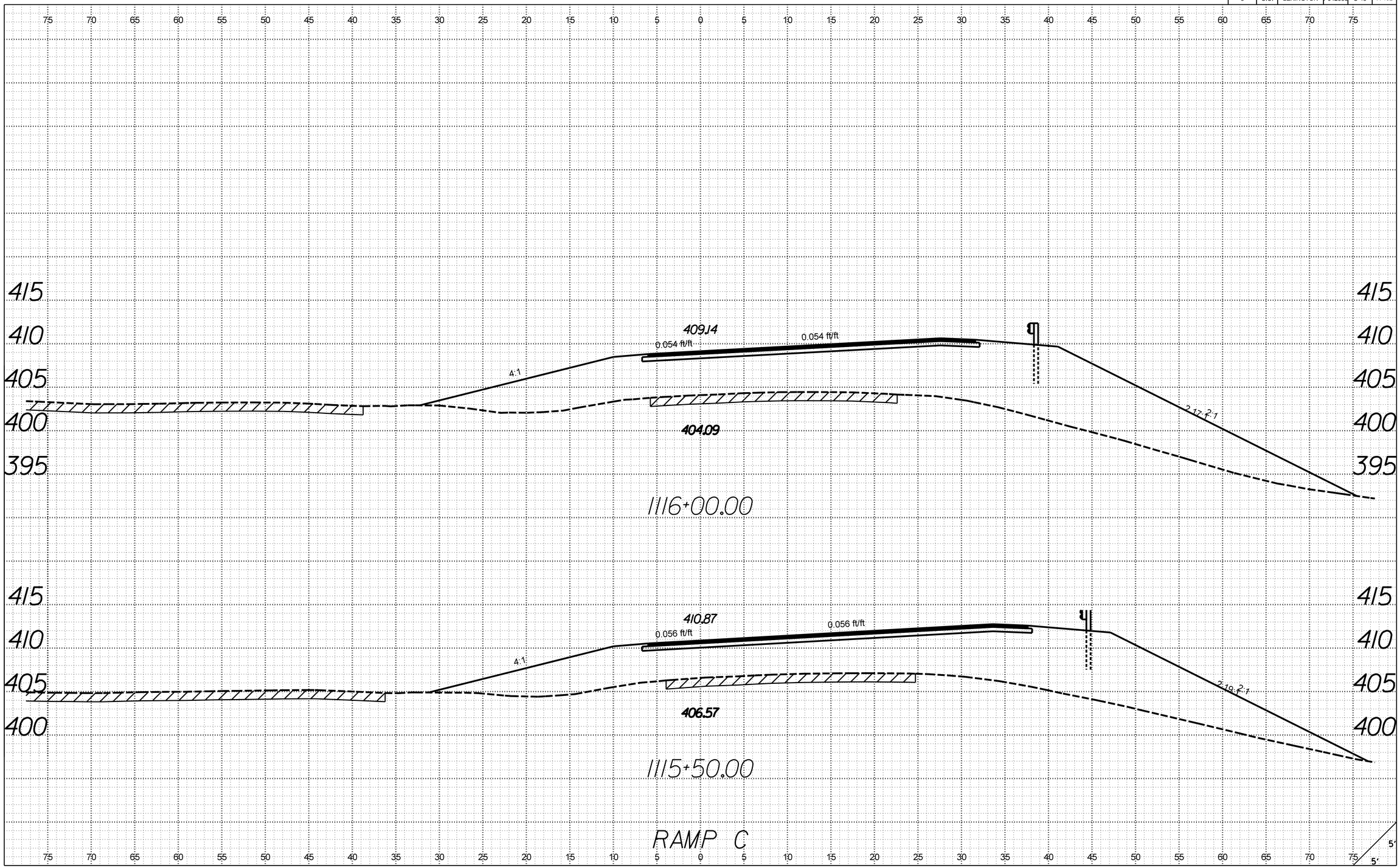
3	S.C.	LEXINGTON	P042383	S-48	X-162



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3/21/2017
9:26:59 AM

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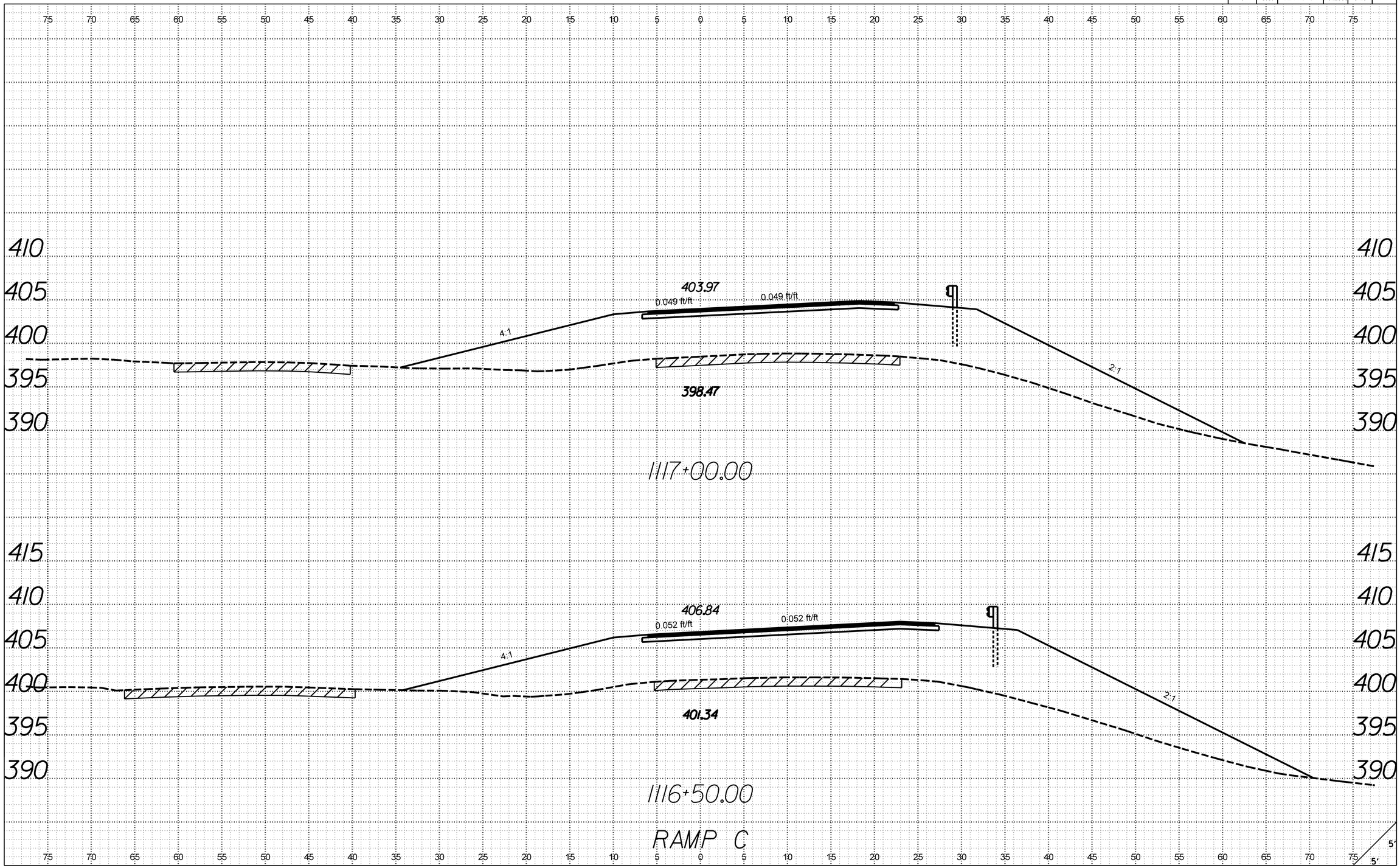
3	S.C.	LEXINGTON	P042383	S-48	X-163



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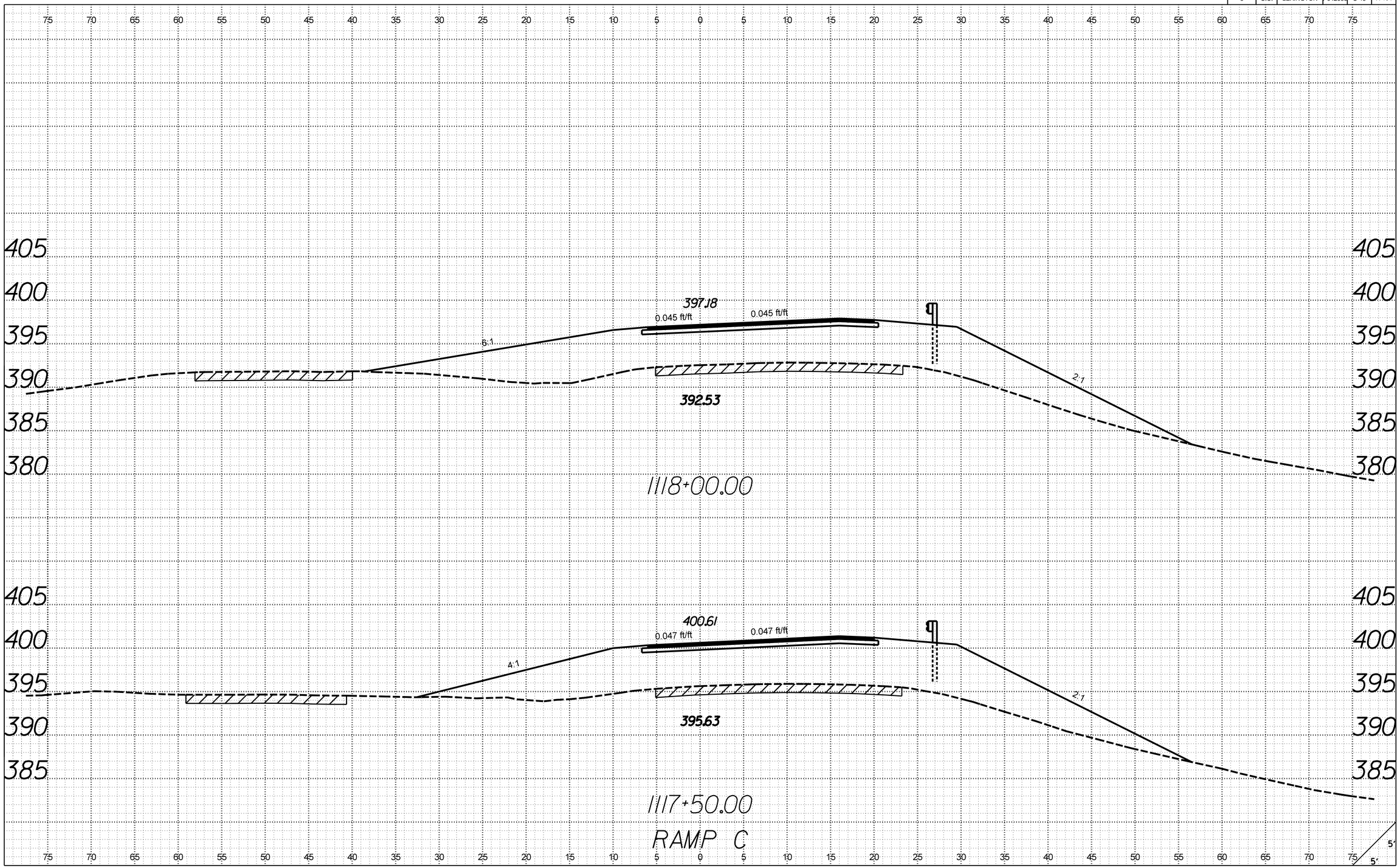
3	S.C.	LEXINGTON	P042383	S-48	X-164



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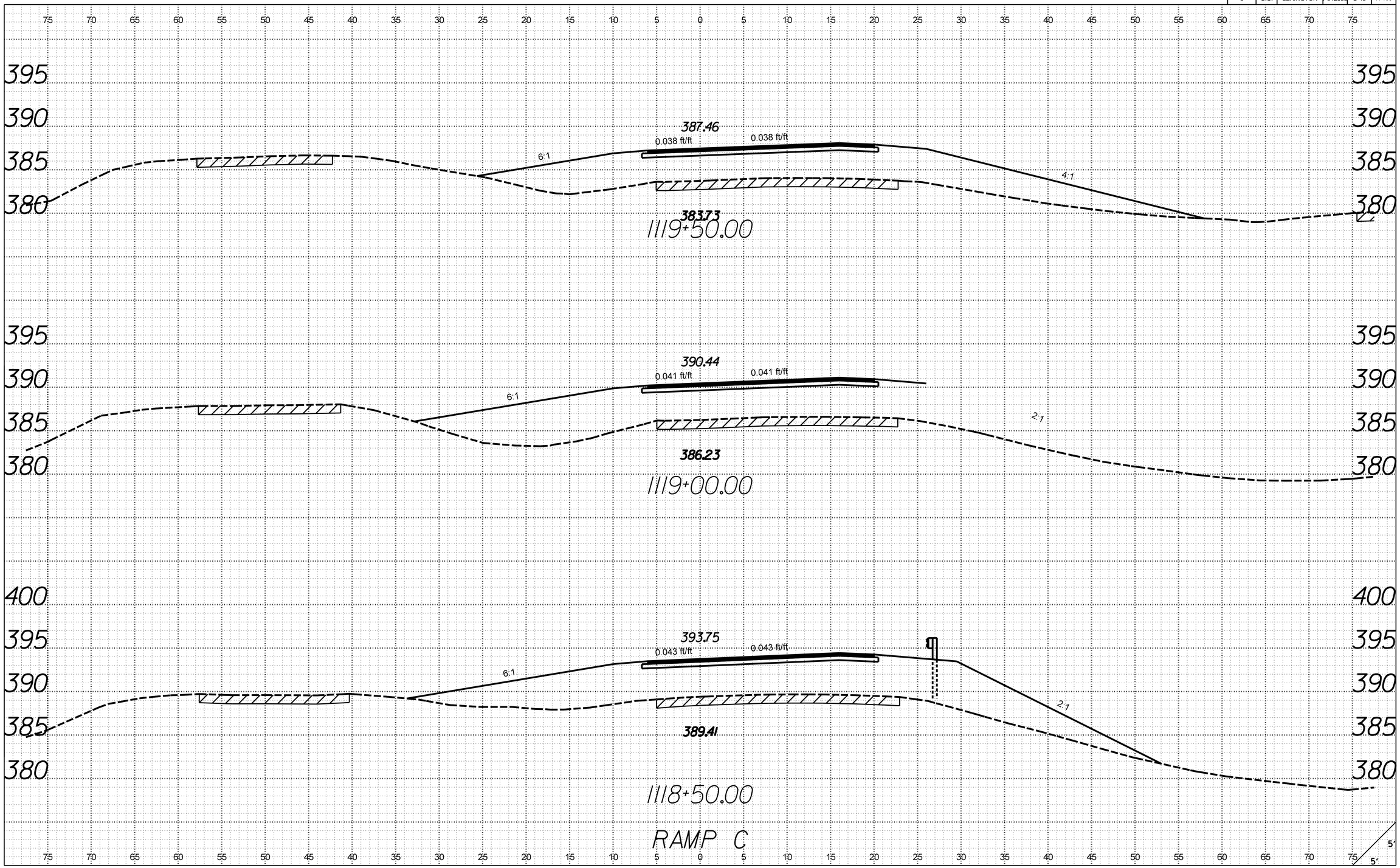
3/21/2017
9:26:59 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-165



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9:21:00 AM

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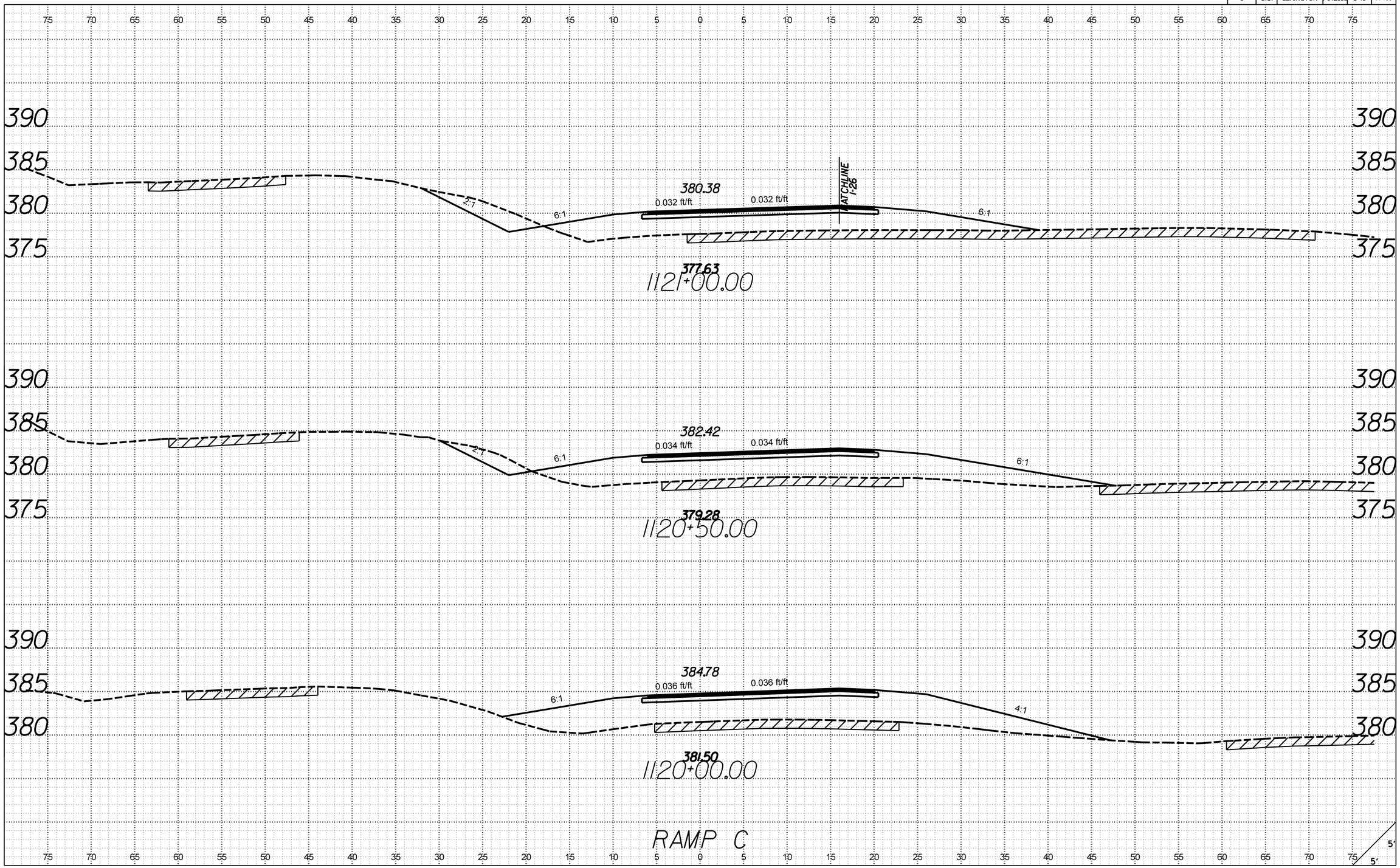
3	S.C.	LEXINGTON	P042383	S-48	X-166



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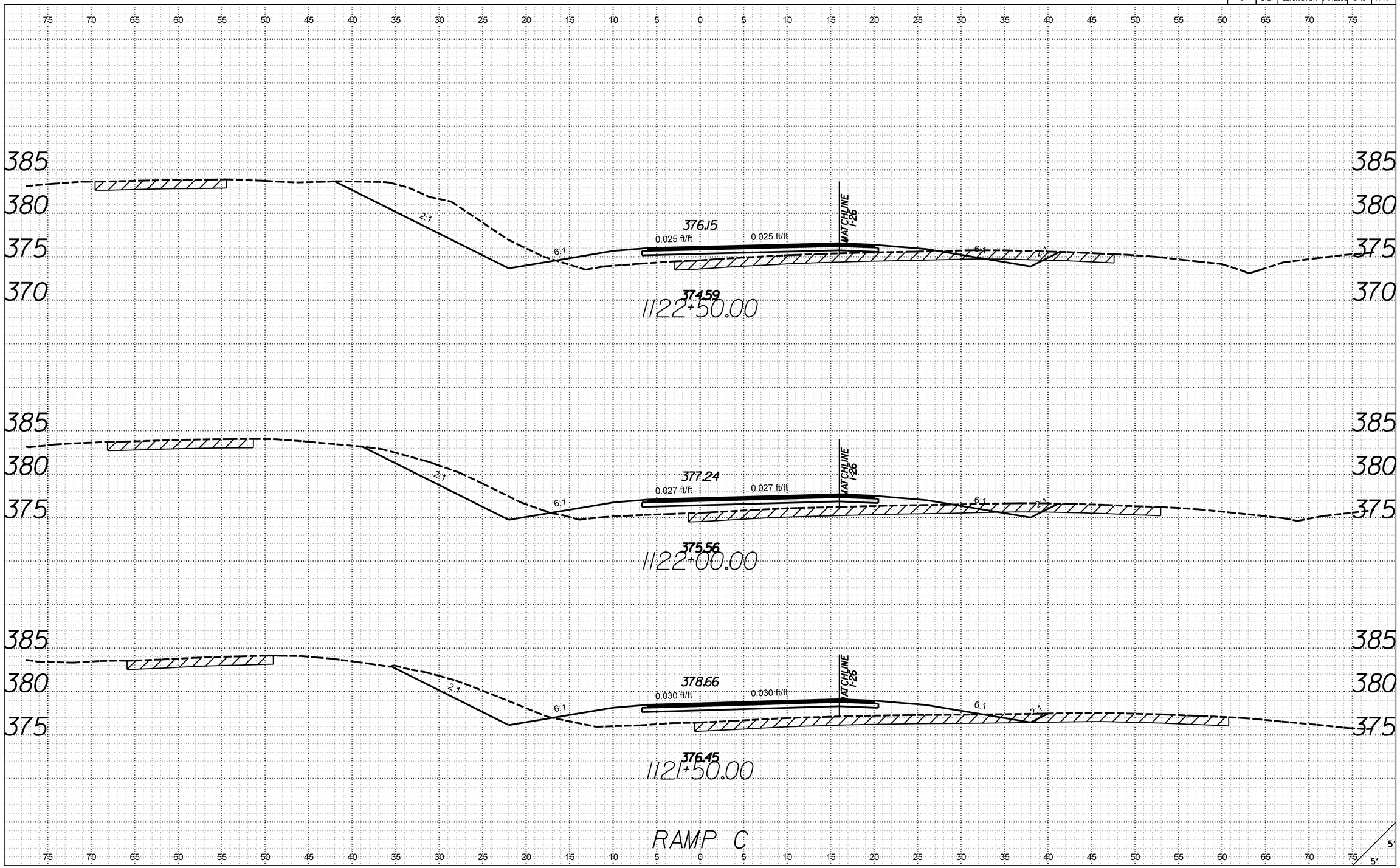
3	S.C.	LEXINGTON	P042383	S-48	X-167



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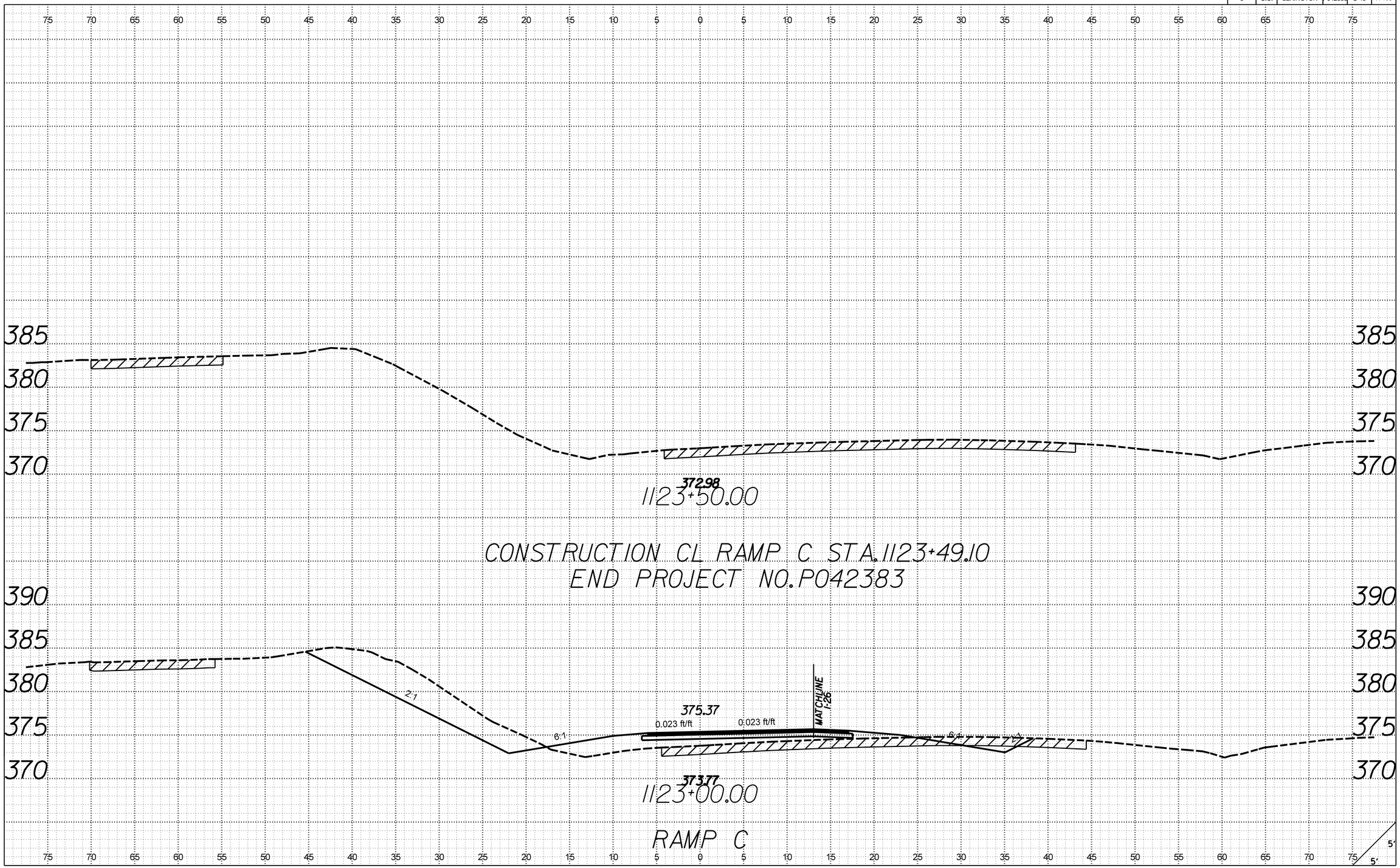
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-168



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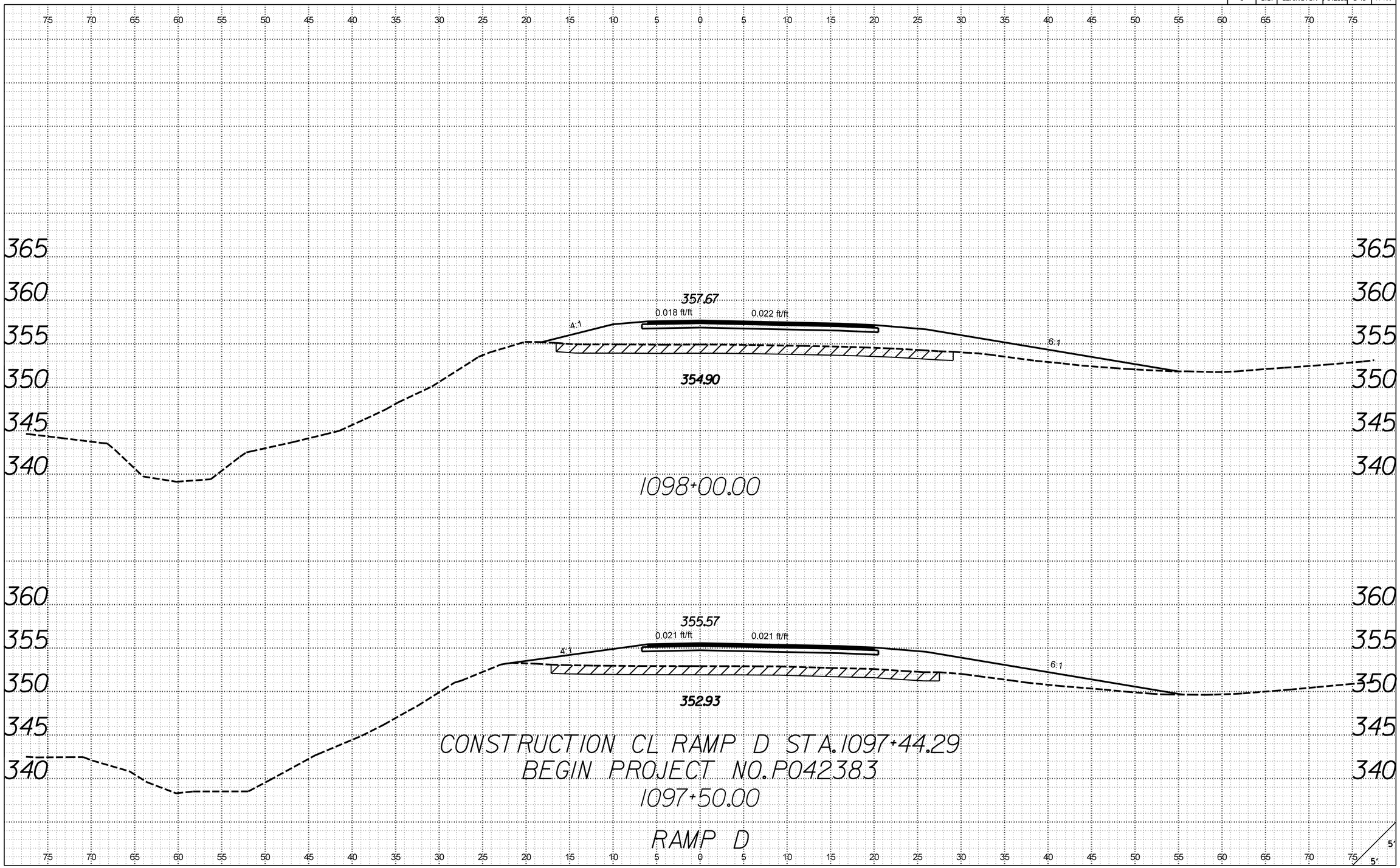
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-169



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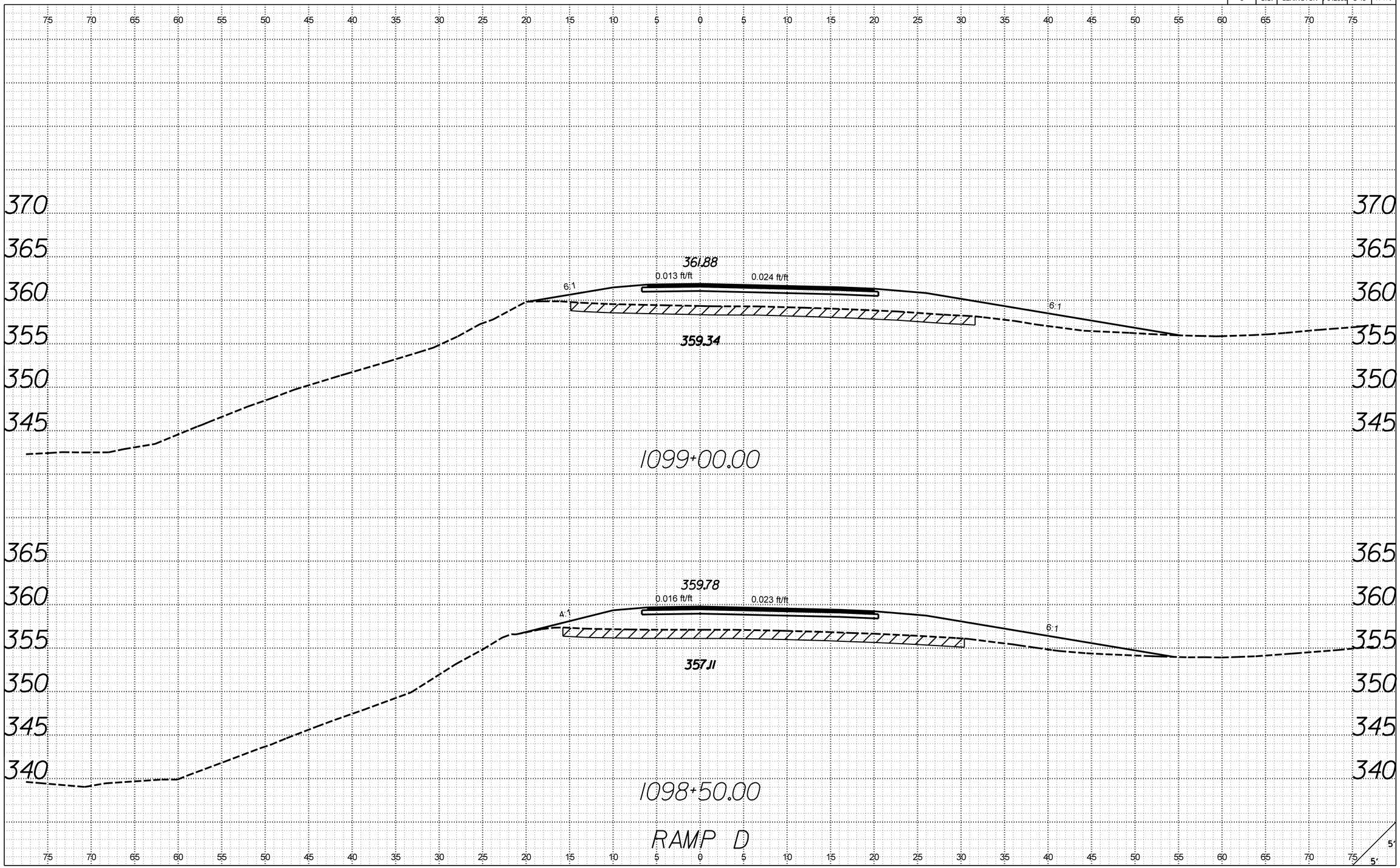
9:27:19 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-170



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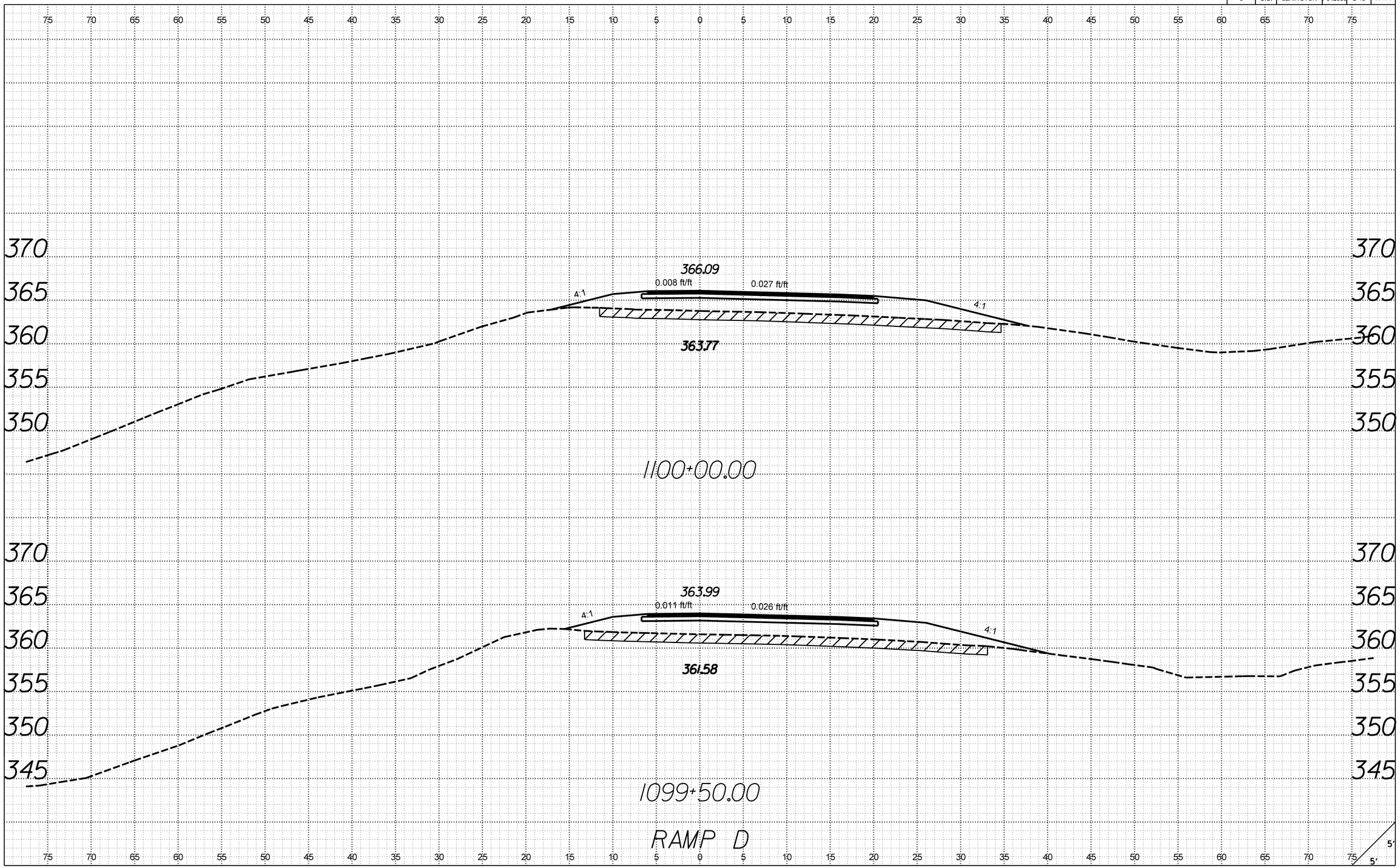
9:27:19 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-171



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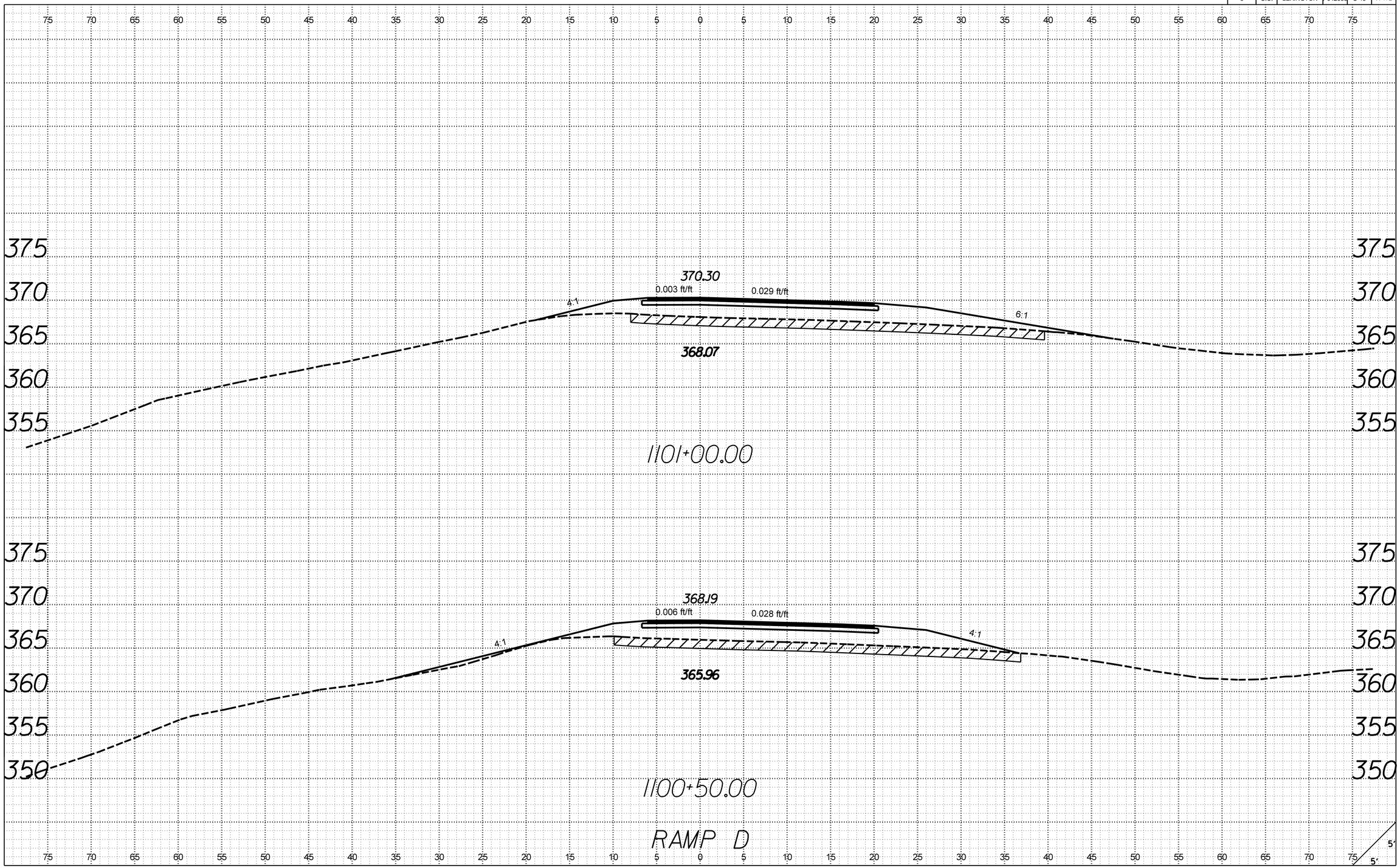
3/21/2017
9:27:20 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-172



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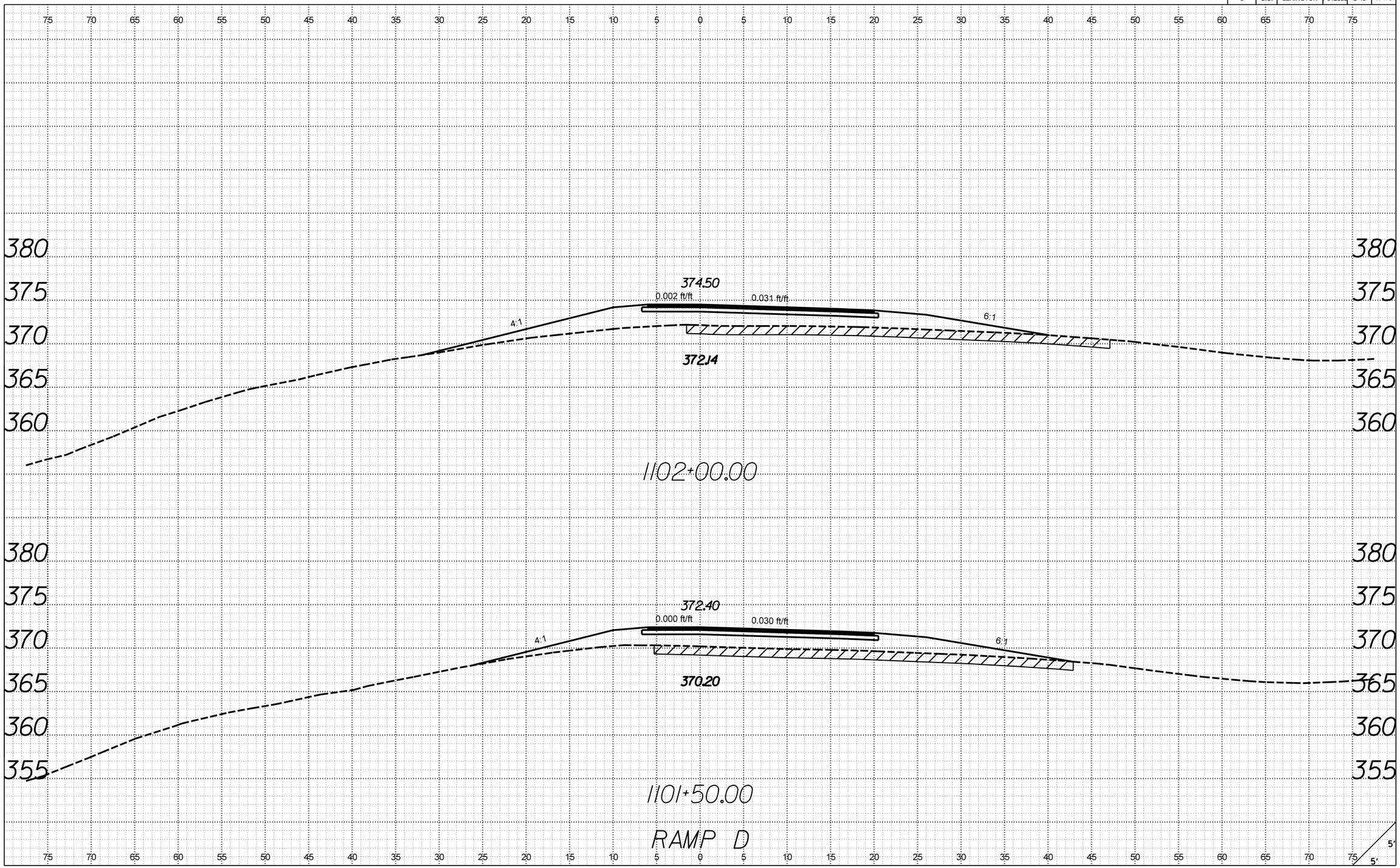
9:27:20 AM

FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-173



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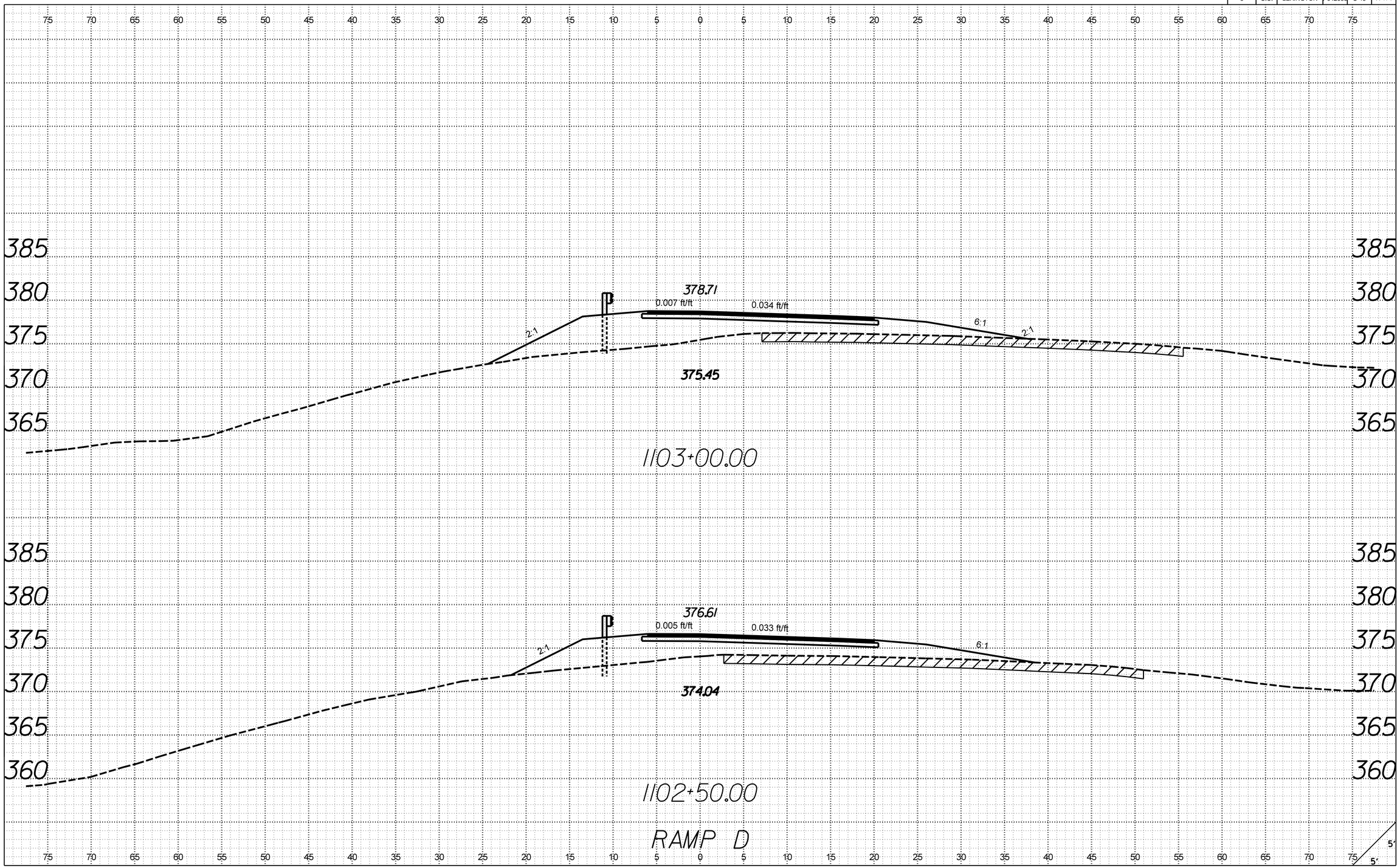
FED. ROAD DIV. NO.	STATE	COUNTY	PROJECT ID	ROUTE NO.	SHEET NO.
3	S.C.	LEXINGTON	P042383	S-48	X-174



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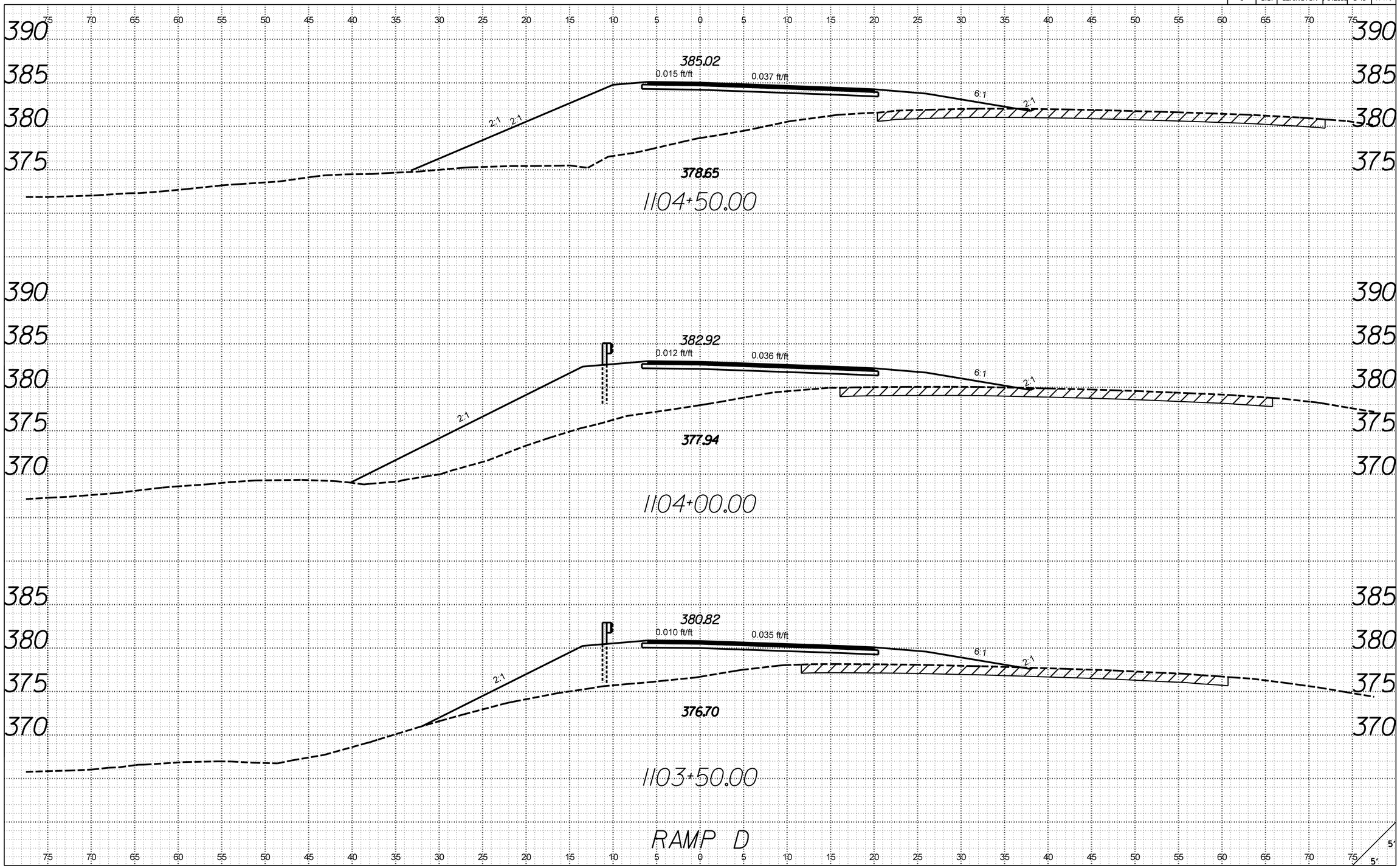

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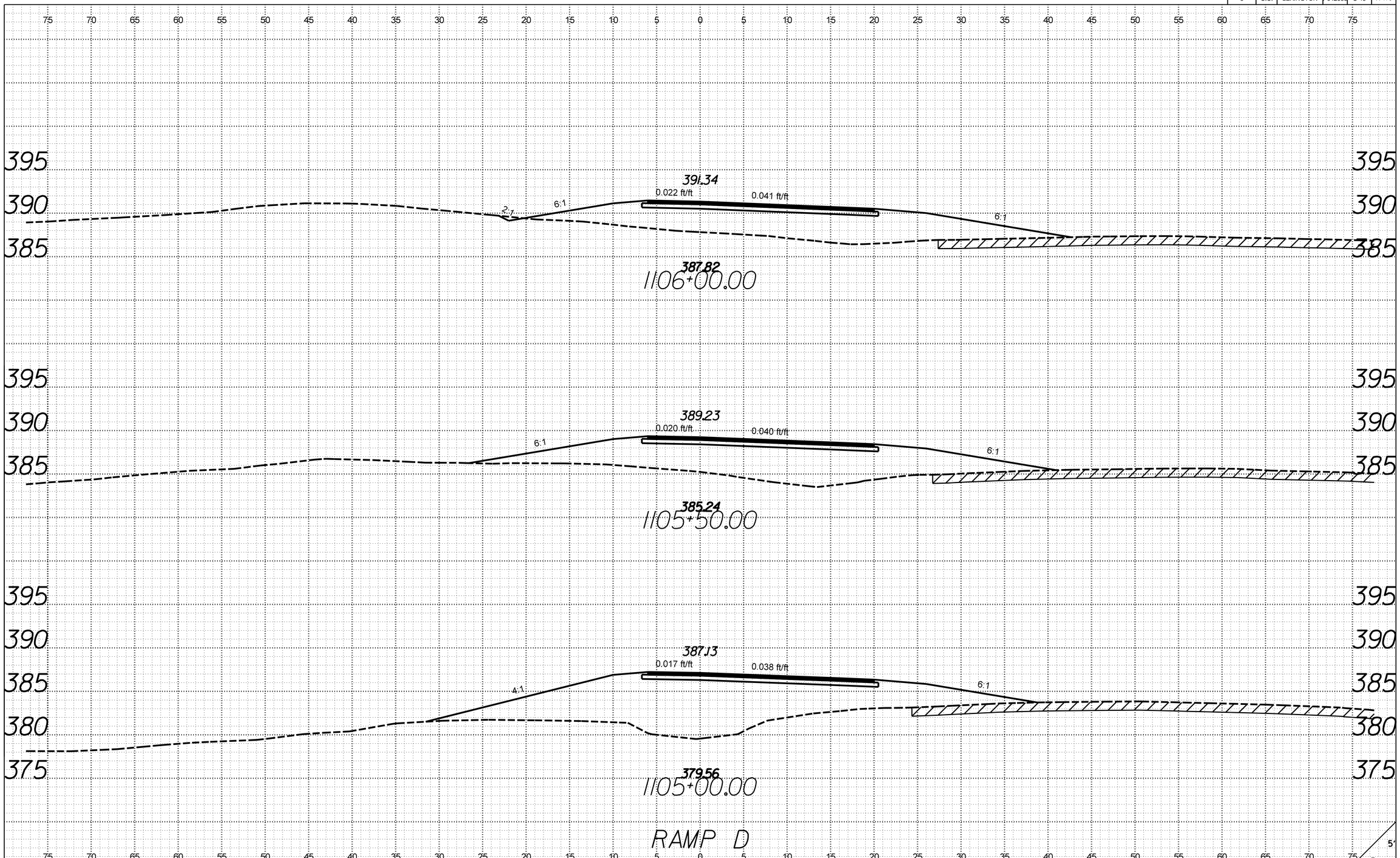
3	S.C.	LEXINGTON	P042383	S-48	X-176



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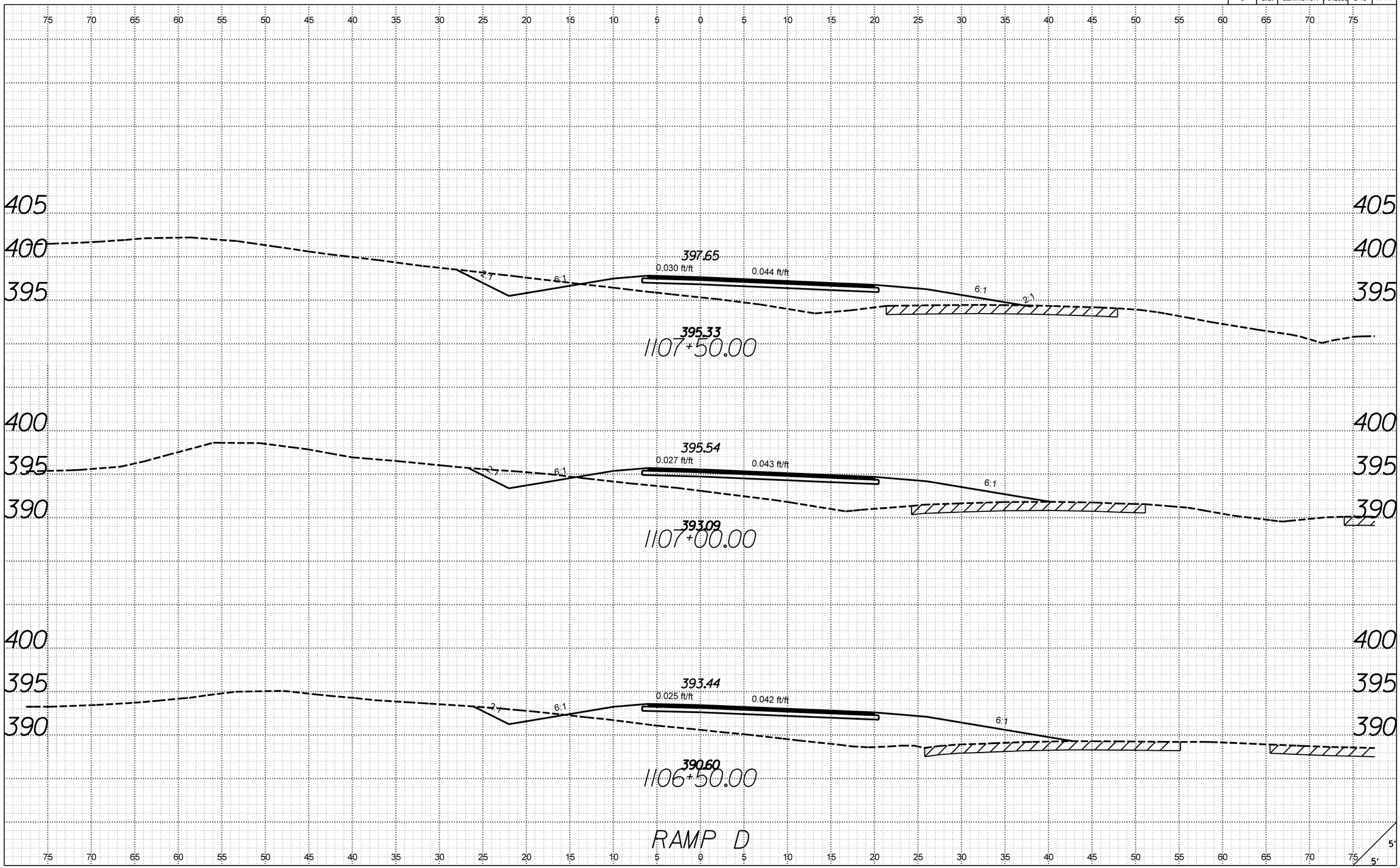
3	S.C.	LEXINGTON	P042383	S-48	X-177



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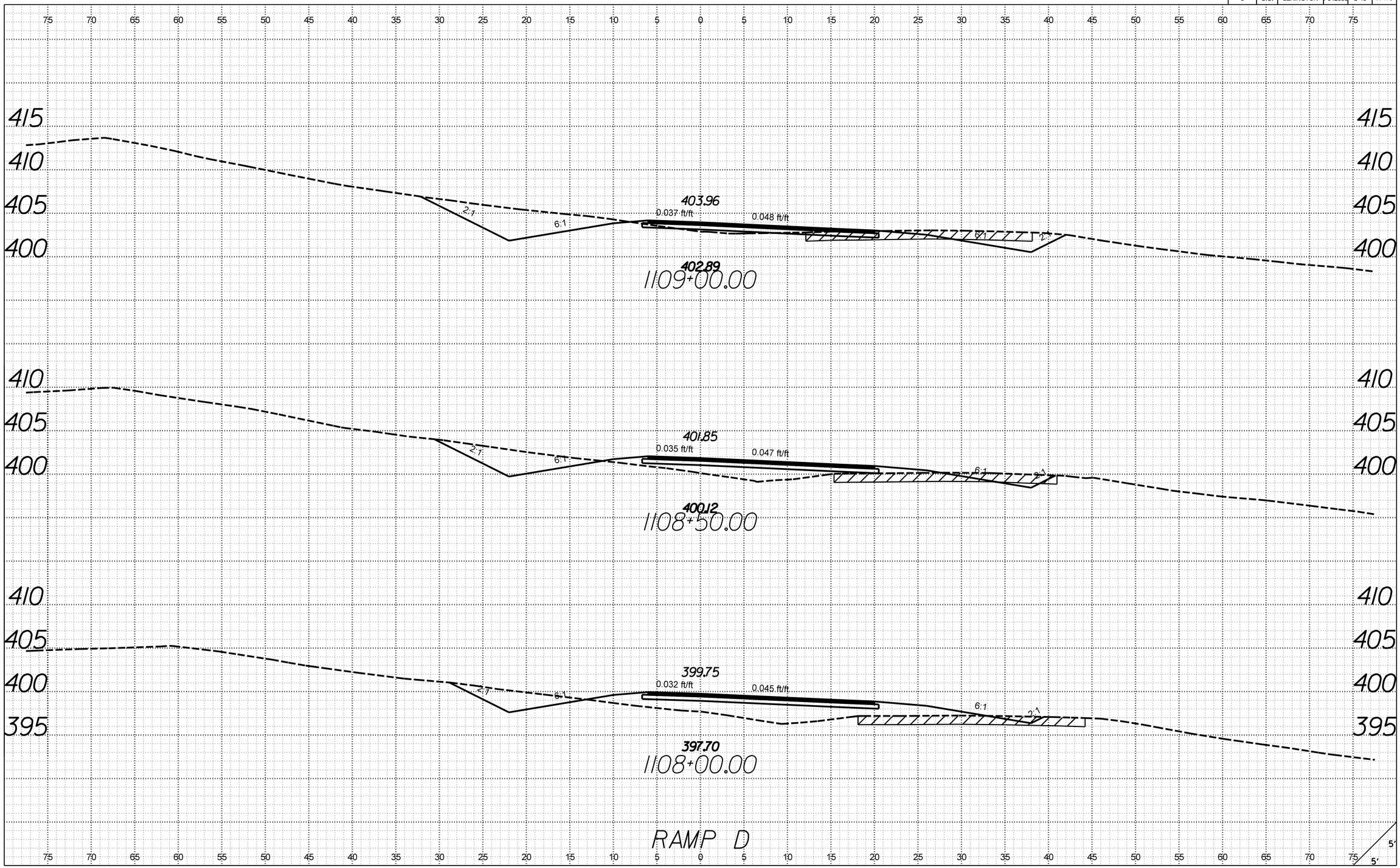
3	S.C.	LEXINGTON	P042383	S-48	X-178



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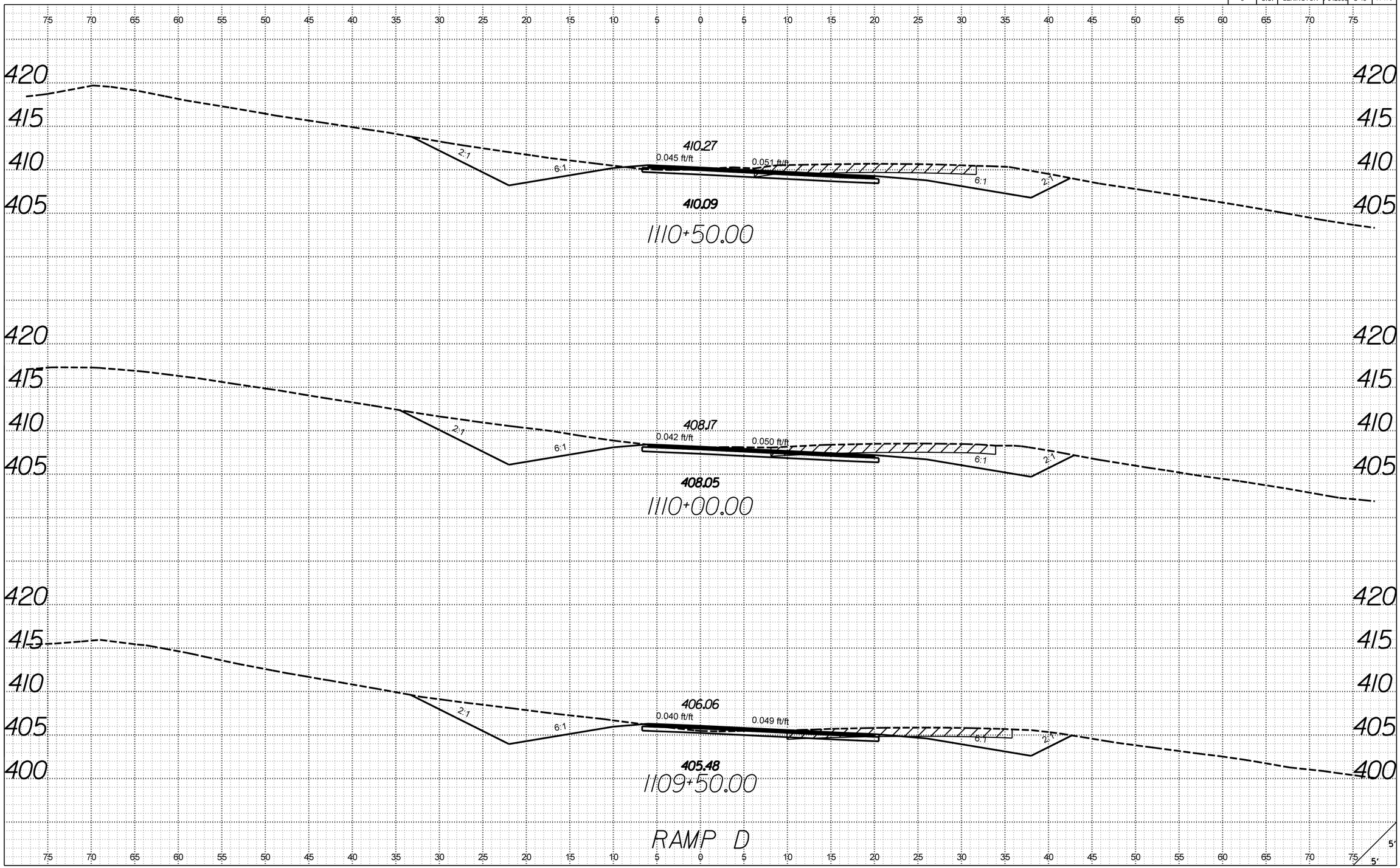
3	S.C.	LEXINGTON	P042383	S-48	X-179



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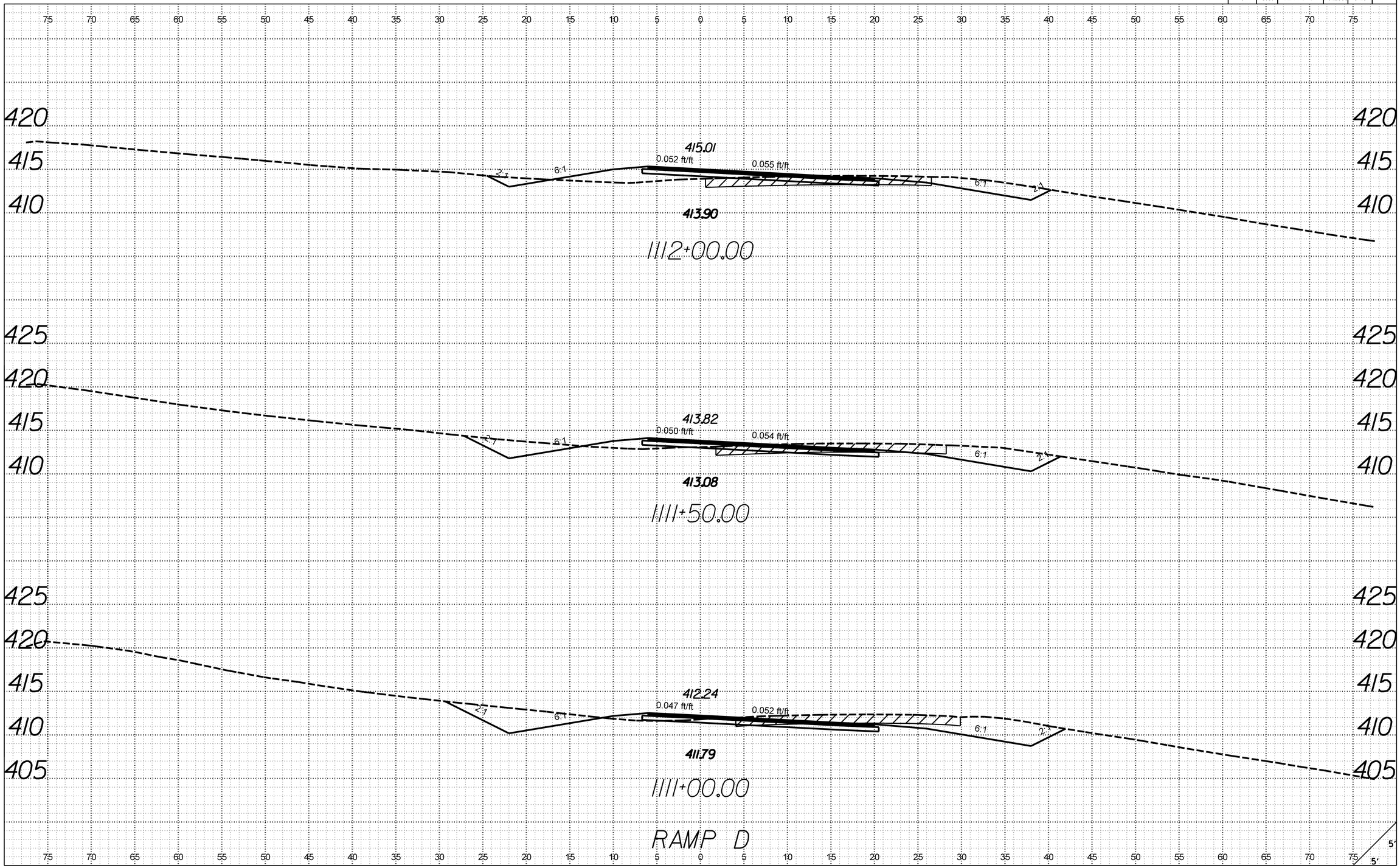
3	S.C.	LEXINGTON	P042383	S-48	X-180



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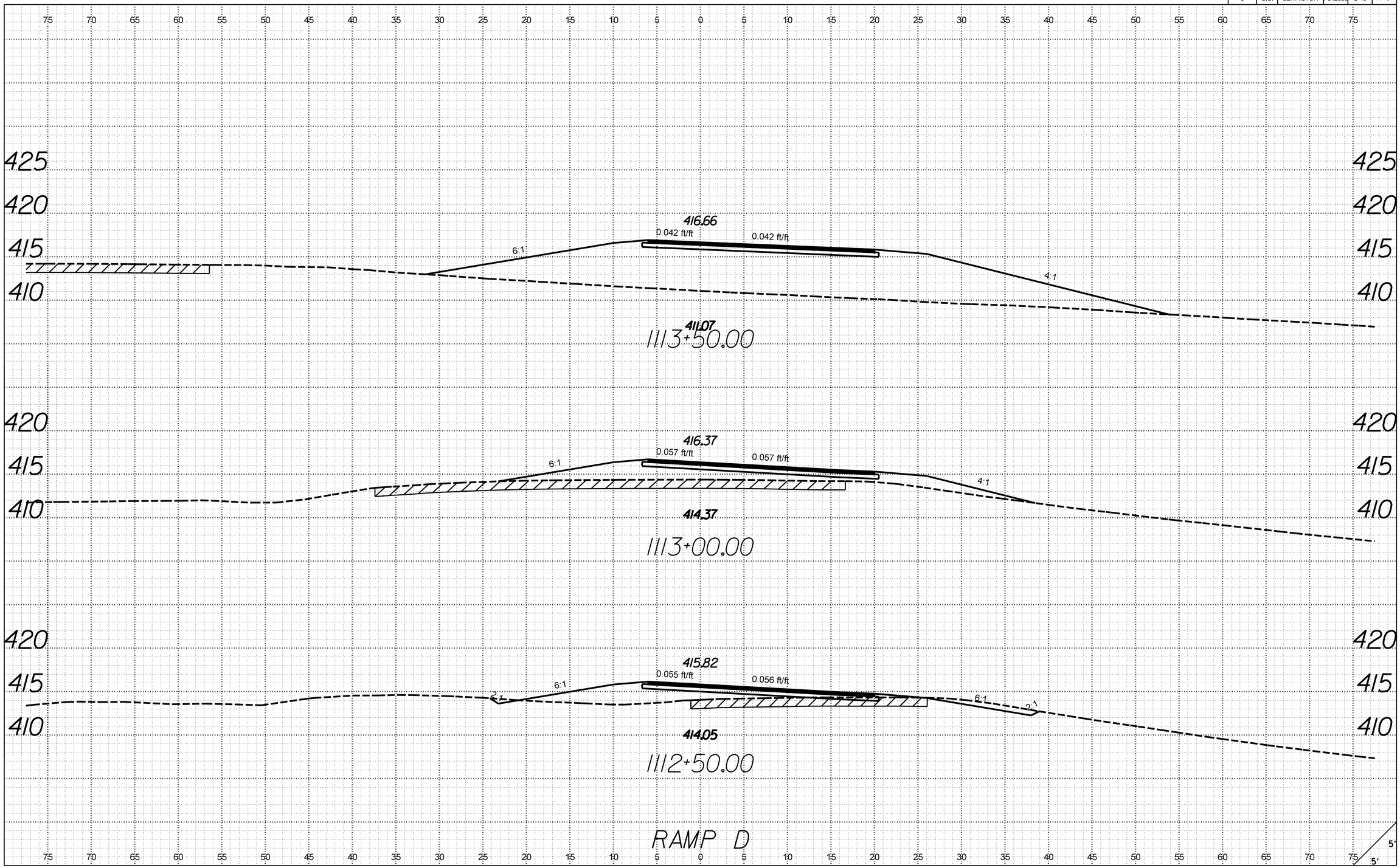
3	S.C.	LEXINGTON	P042383	S-48	X-181



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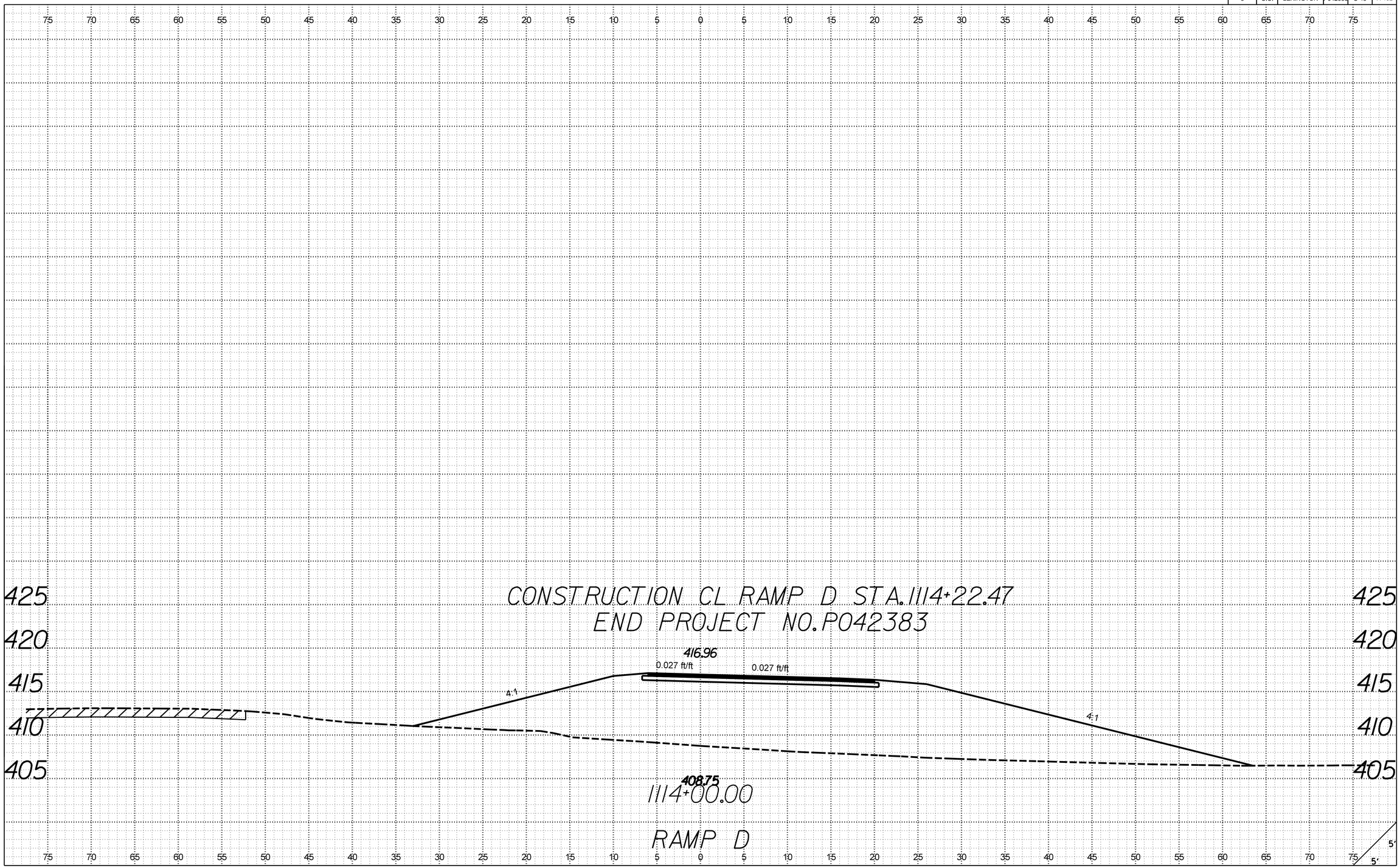

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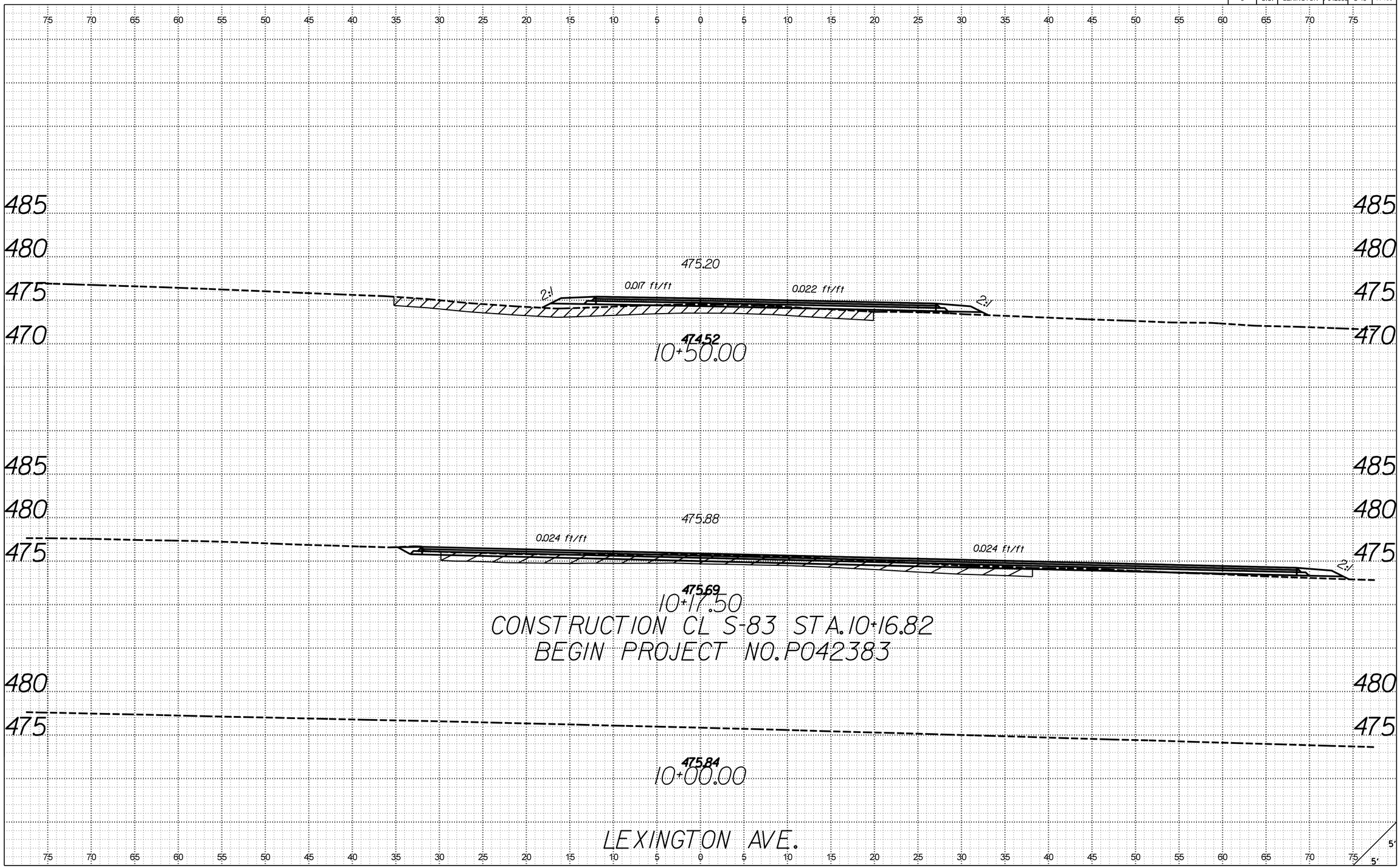

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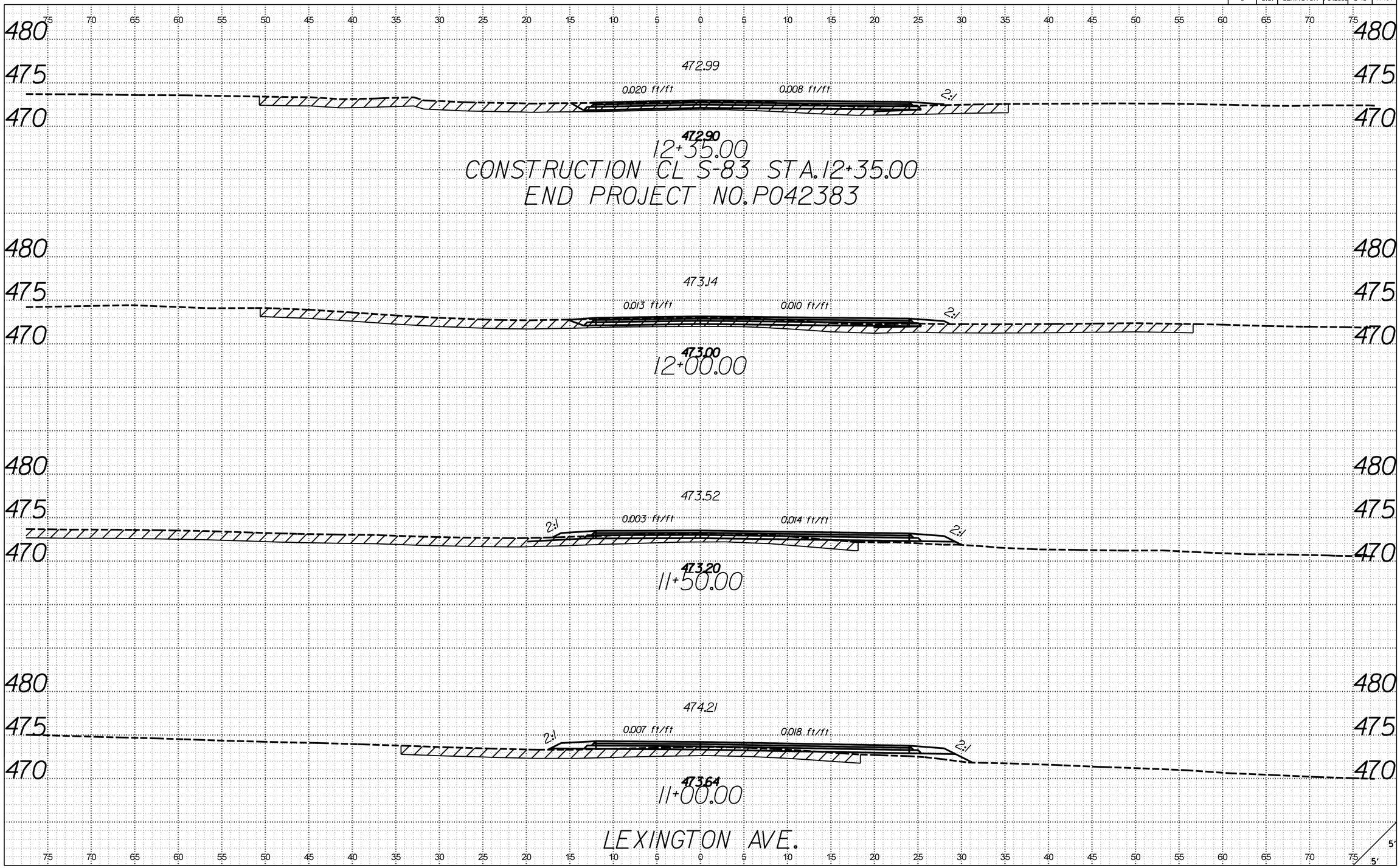

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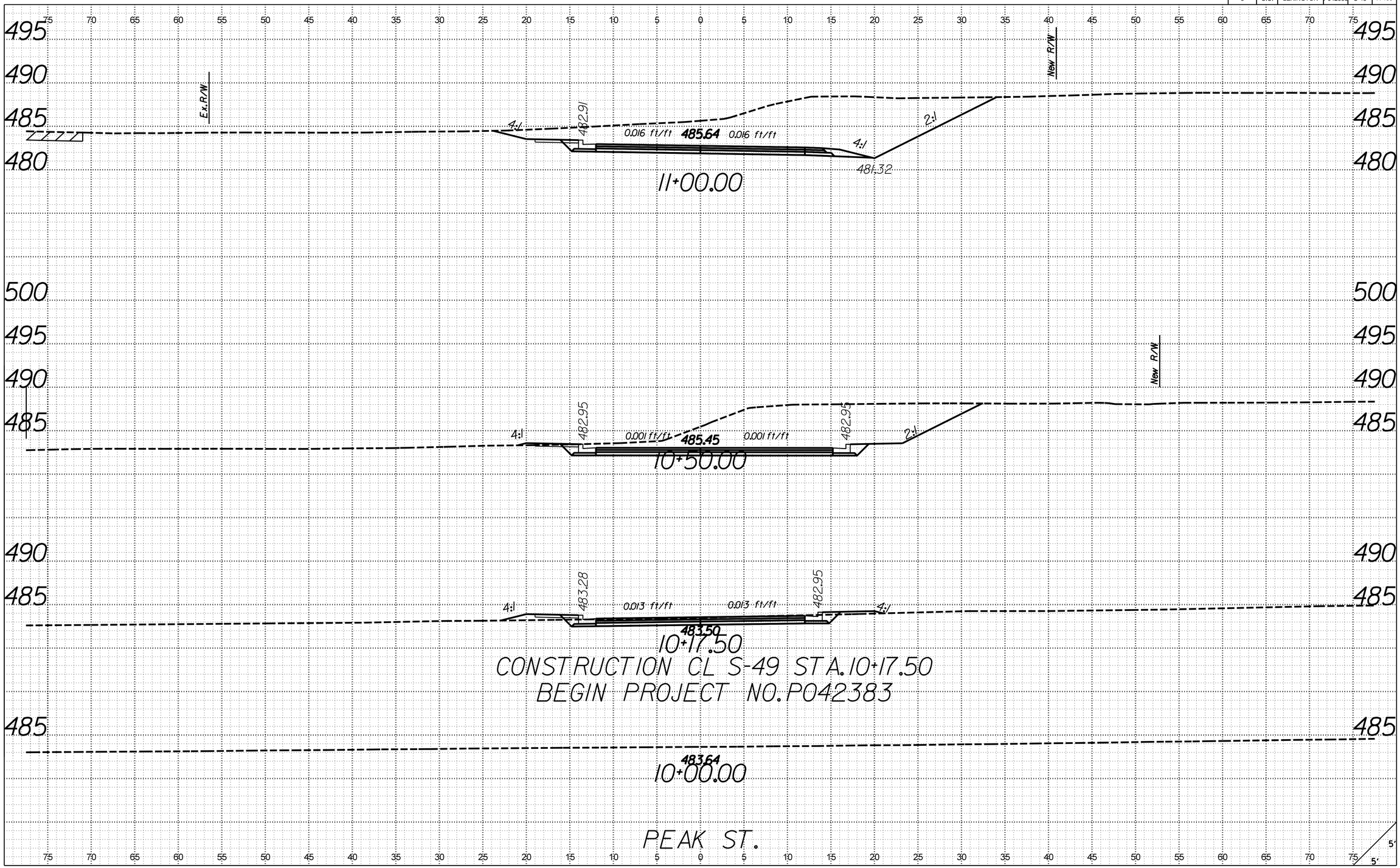

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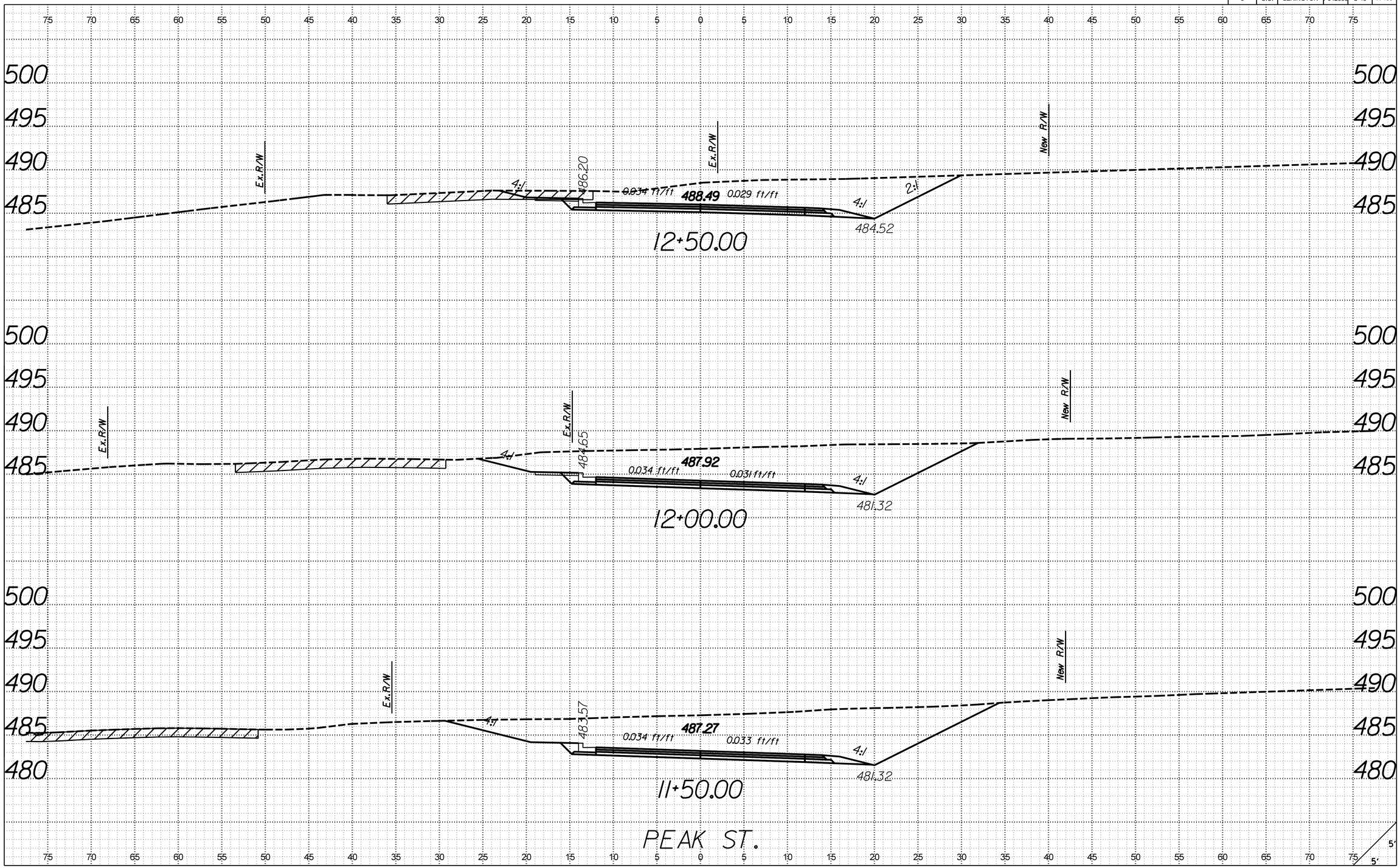

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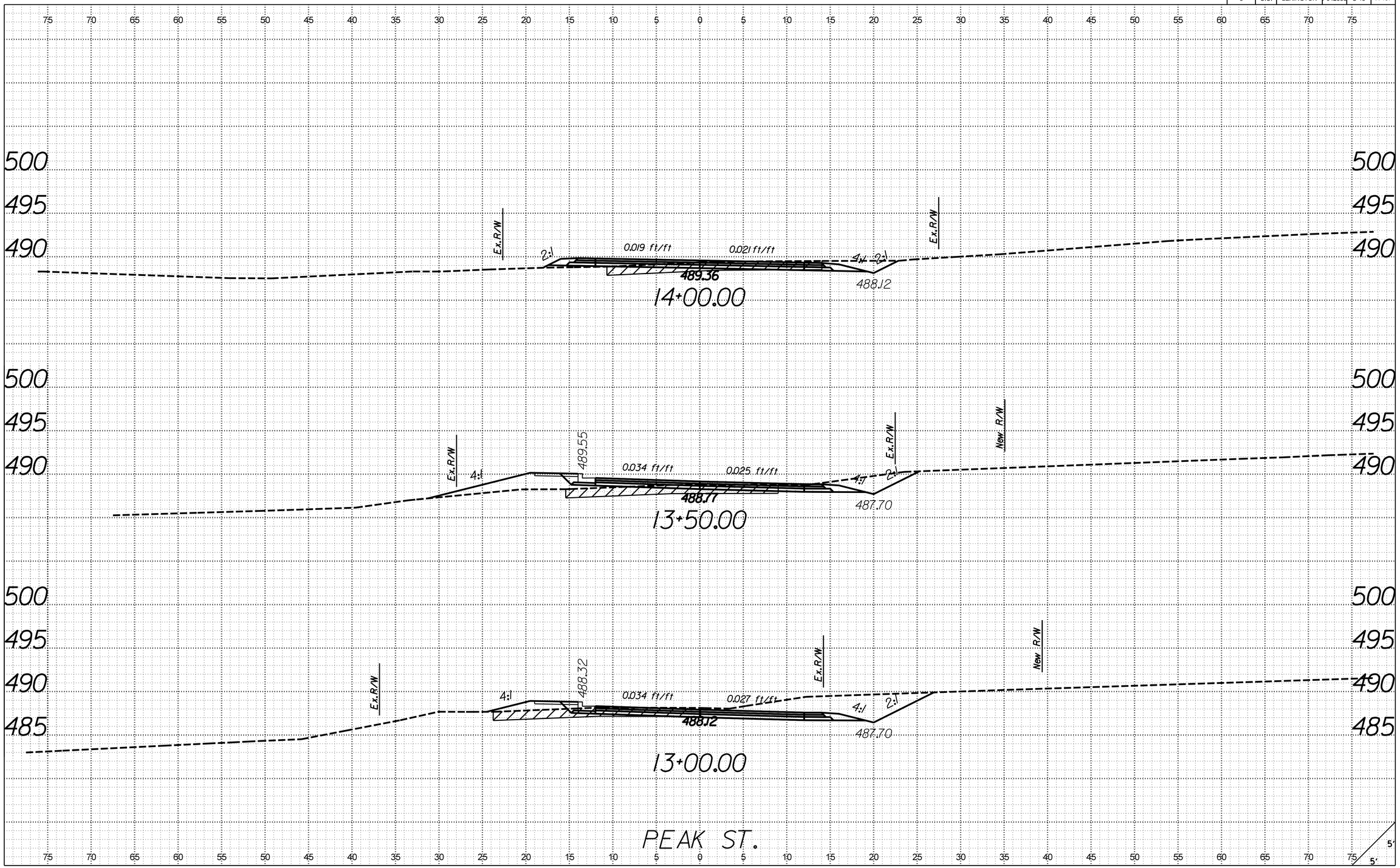
3	S.C.	LEXINGTON	P042383	S-48	X-187



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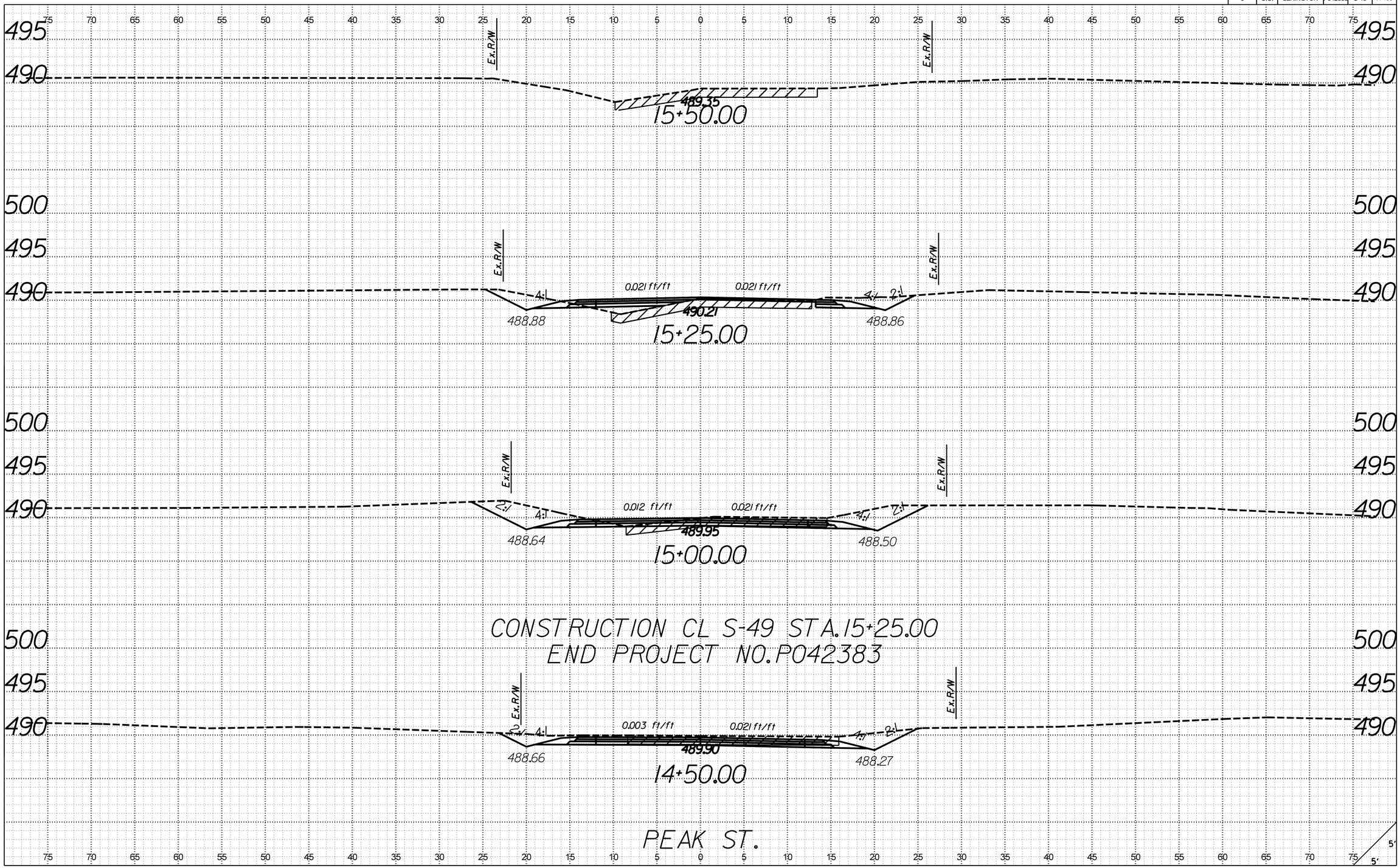
3	S.C.	LEXINGTON	P042383	S-48	X-188



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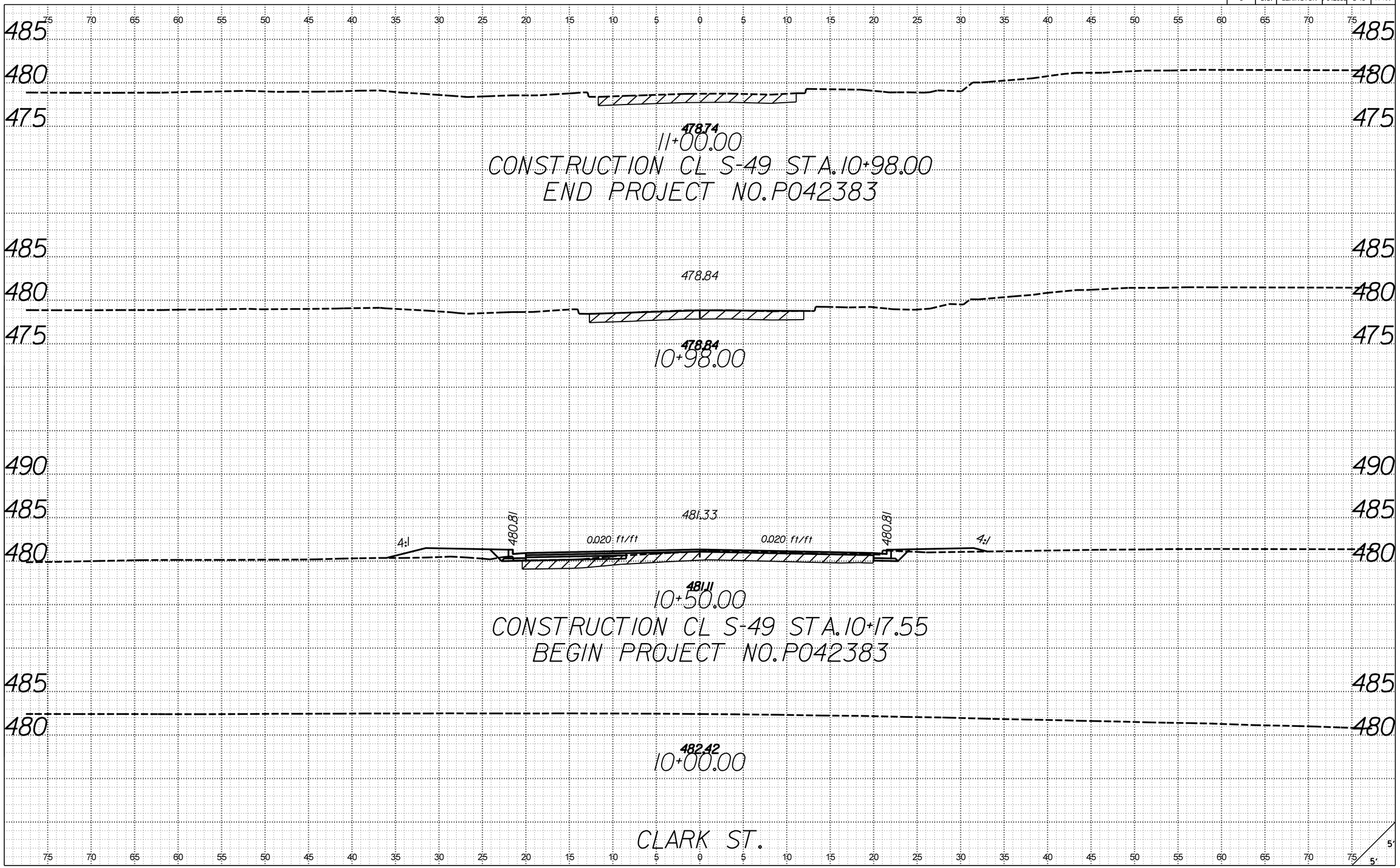
3	S.C.	LEXINGTON	P042383	S-48	X-189



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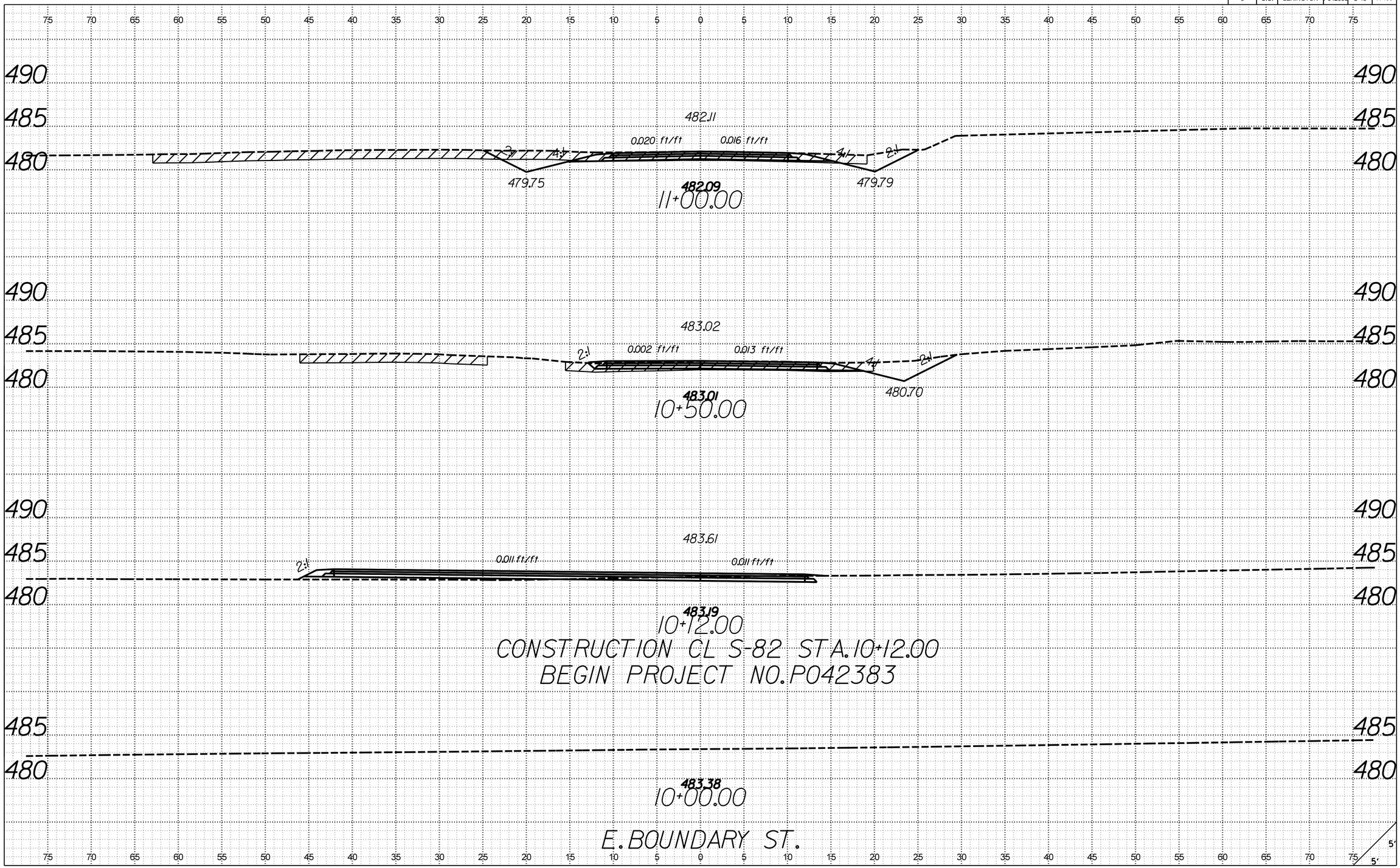

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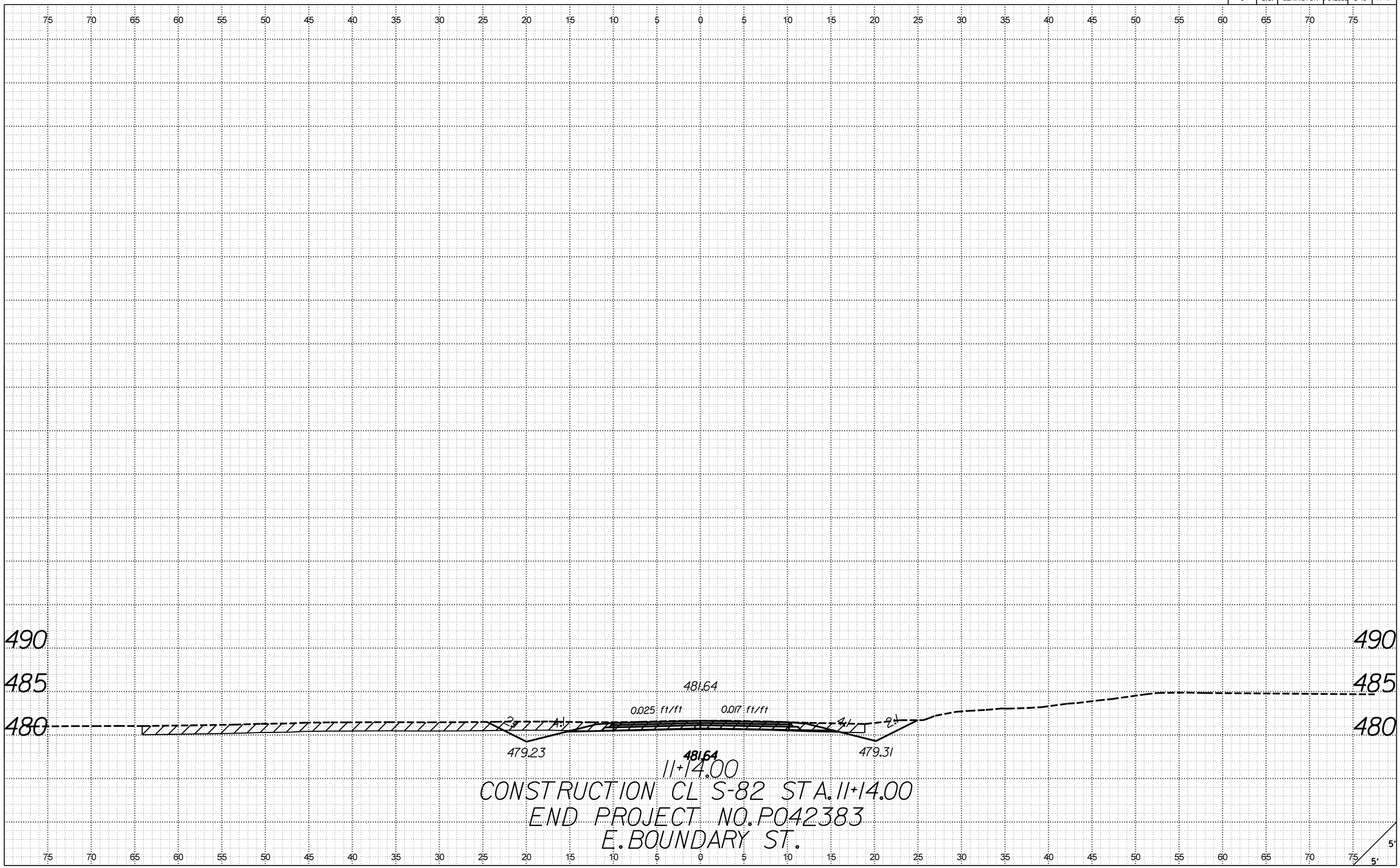
3	S.C.	LEXINGTON	P042383	S-48	X-191



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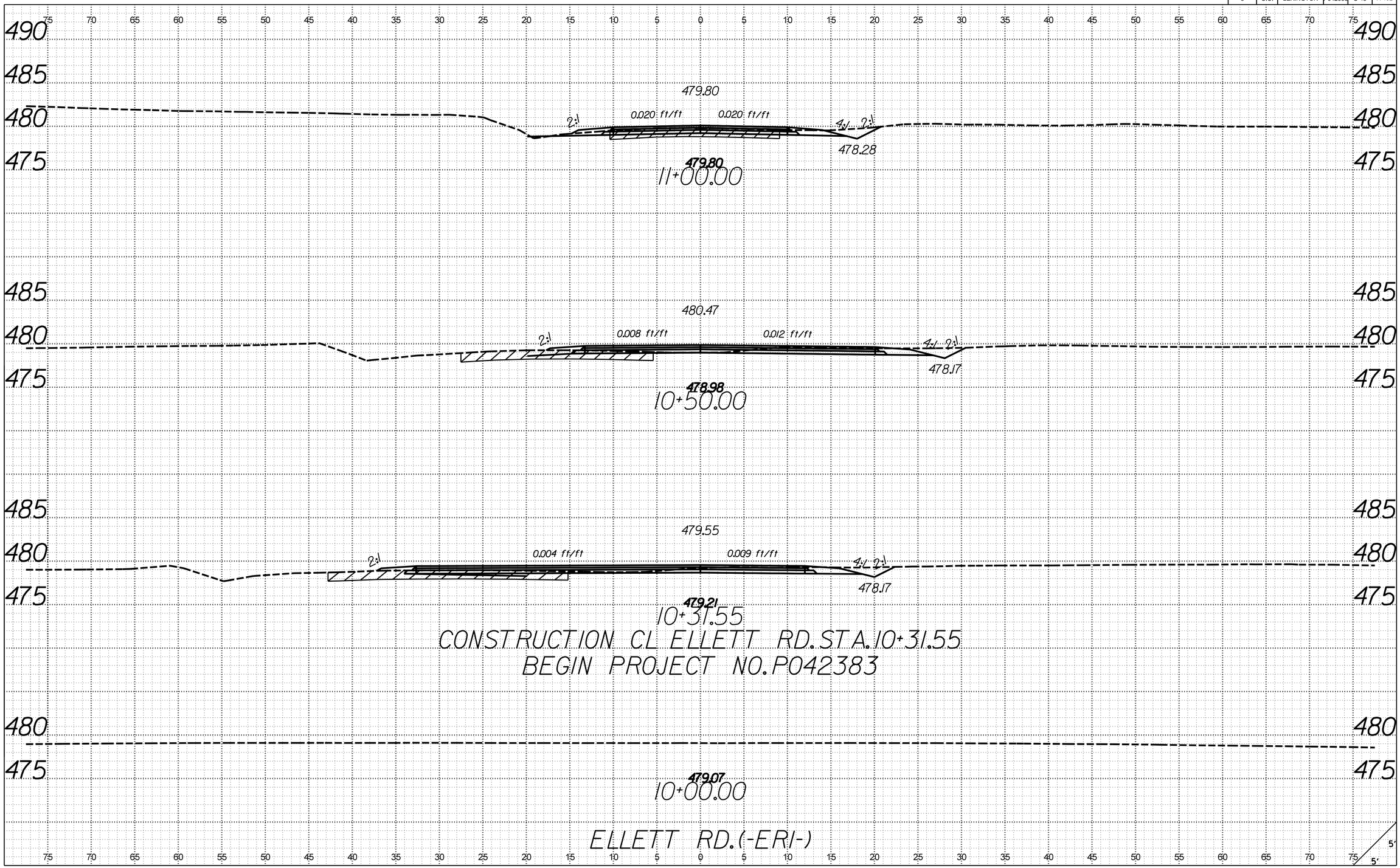
3	S.C.	LEXINGTON	P042383	S-48	X-192



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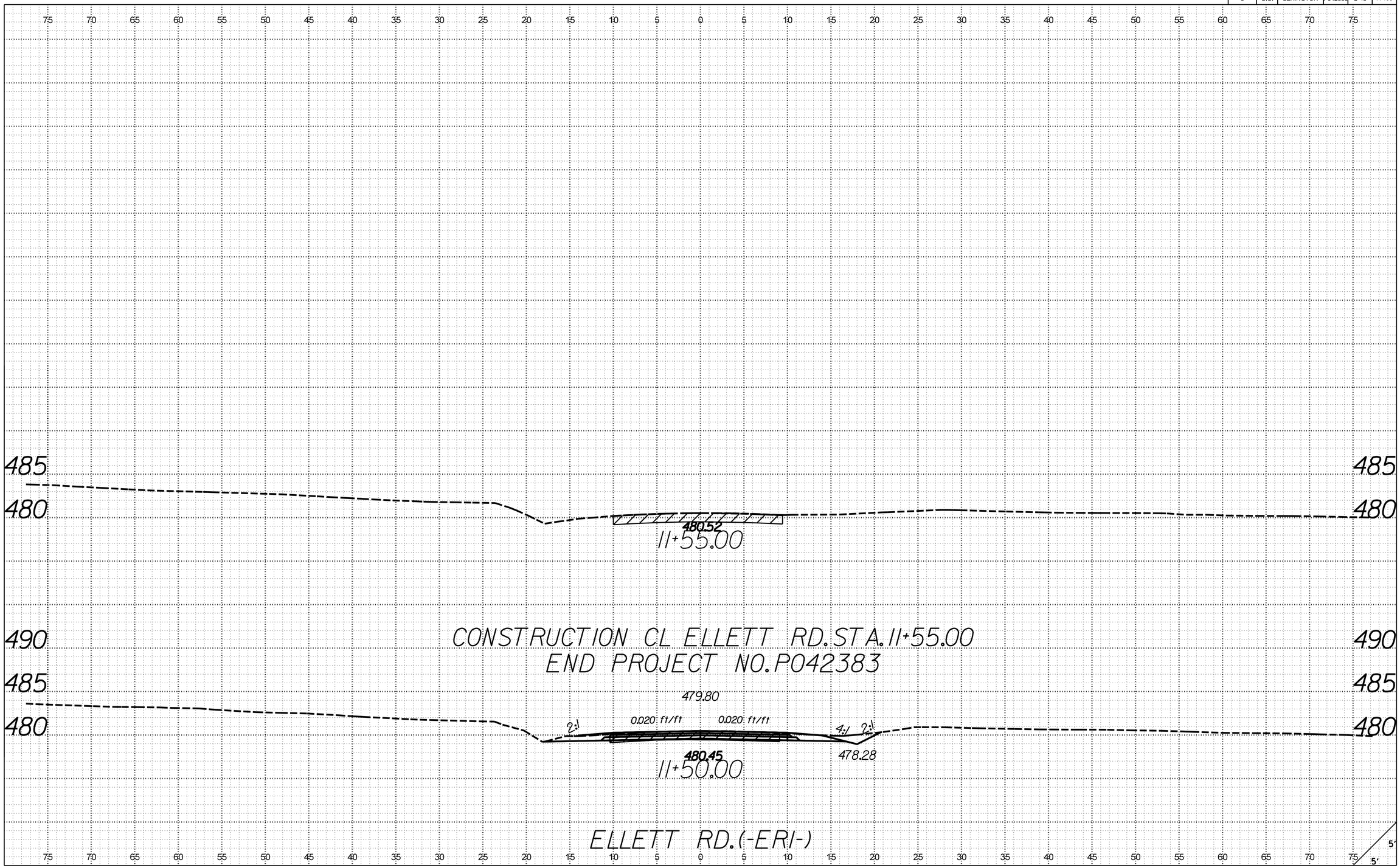
3	S.C.	LEXINGTON	P042383	S-48	X-193



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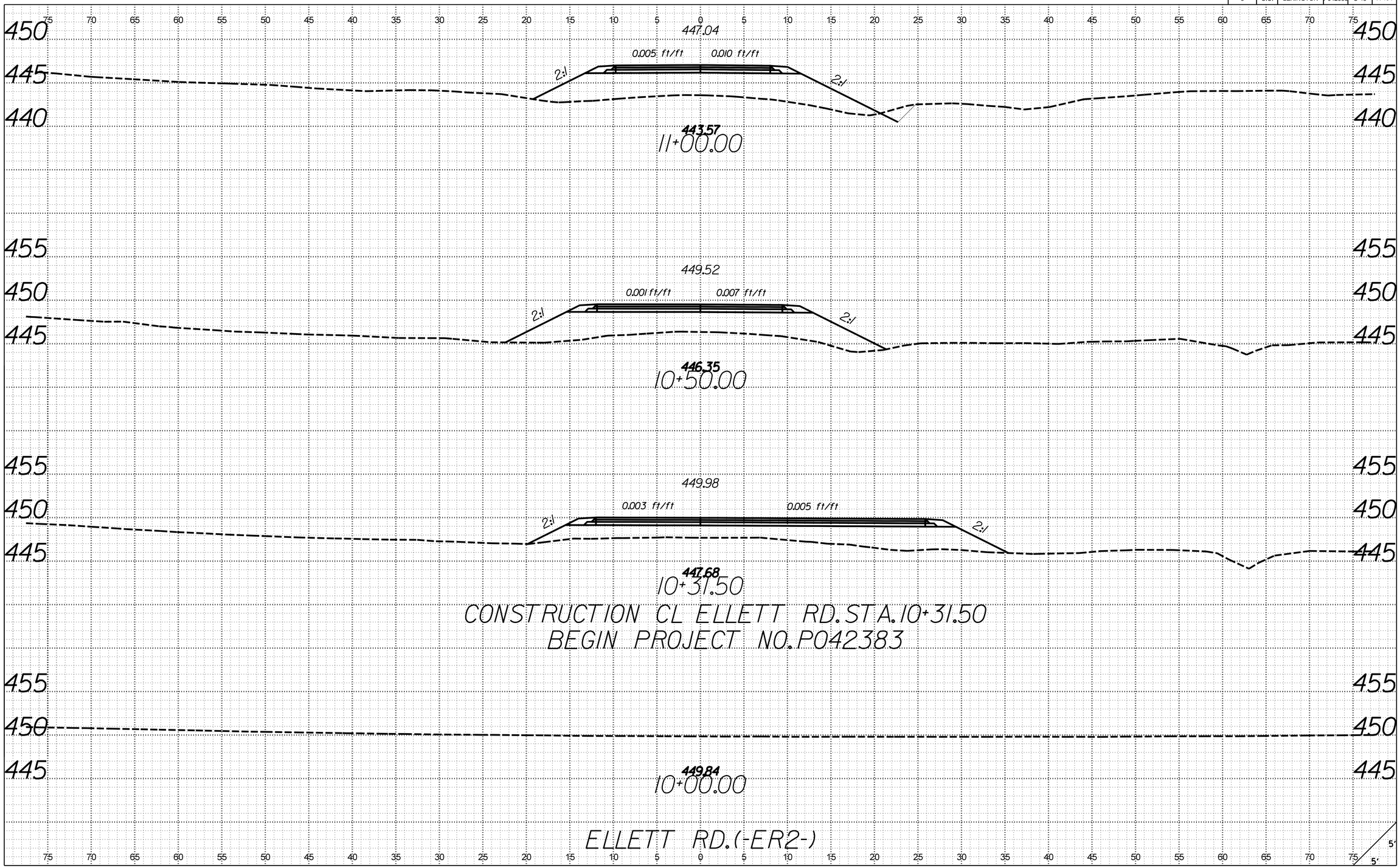
3	S.C.	LEXINGTON	P042383	S-48	X-194



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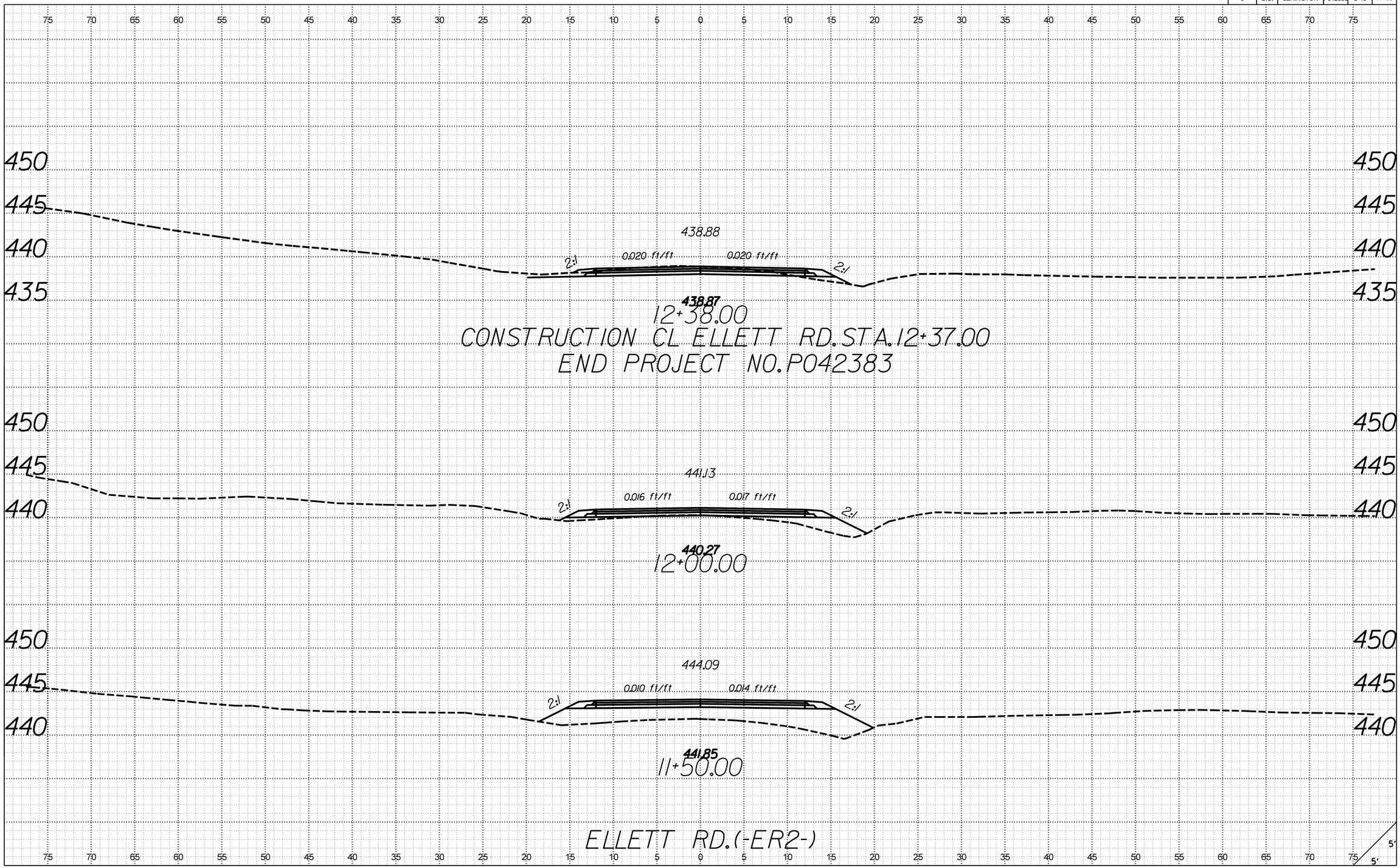

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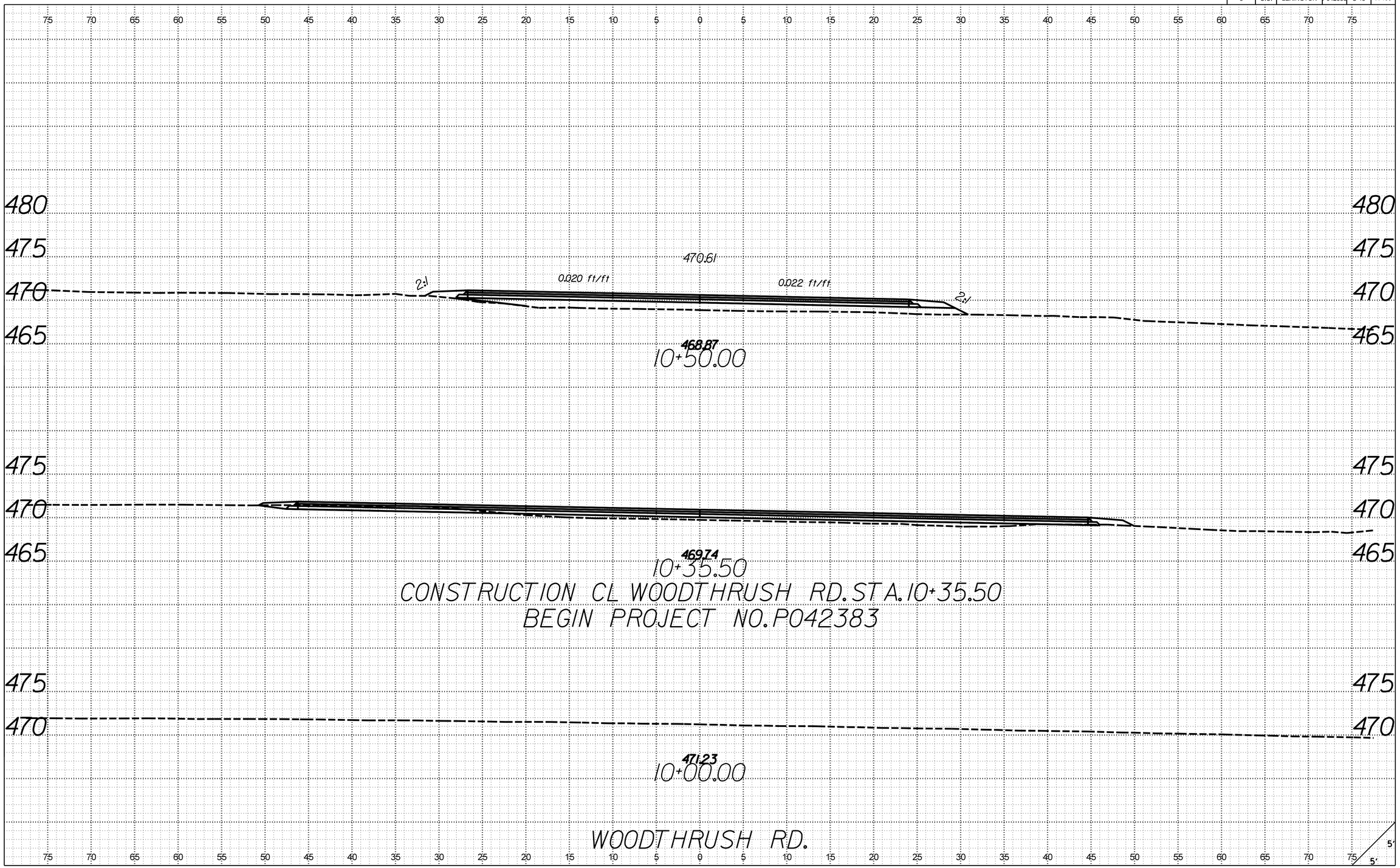
3	S.C.	LEXINGTON	P042383	S-48	X-196



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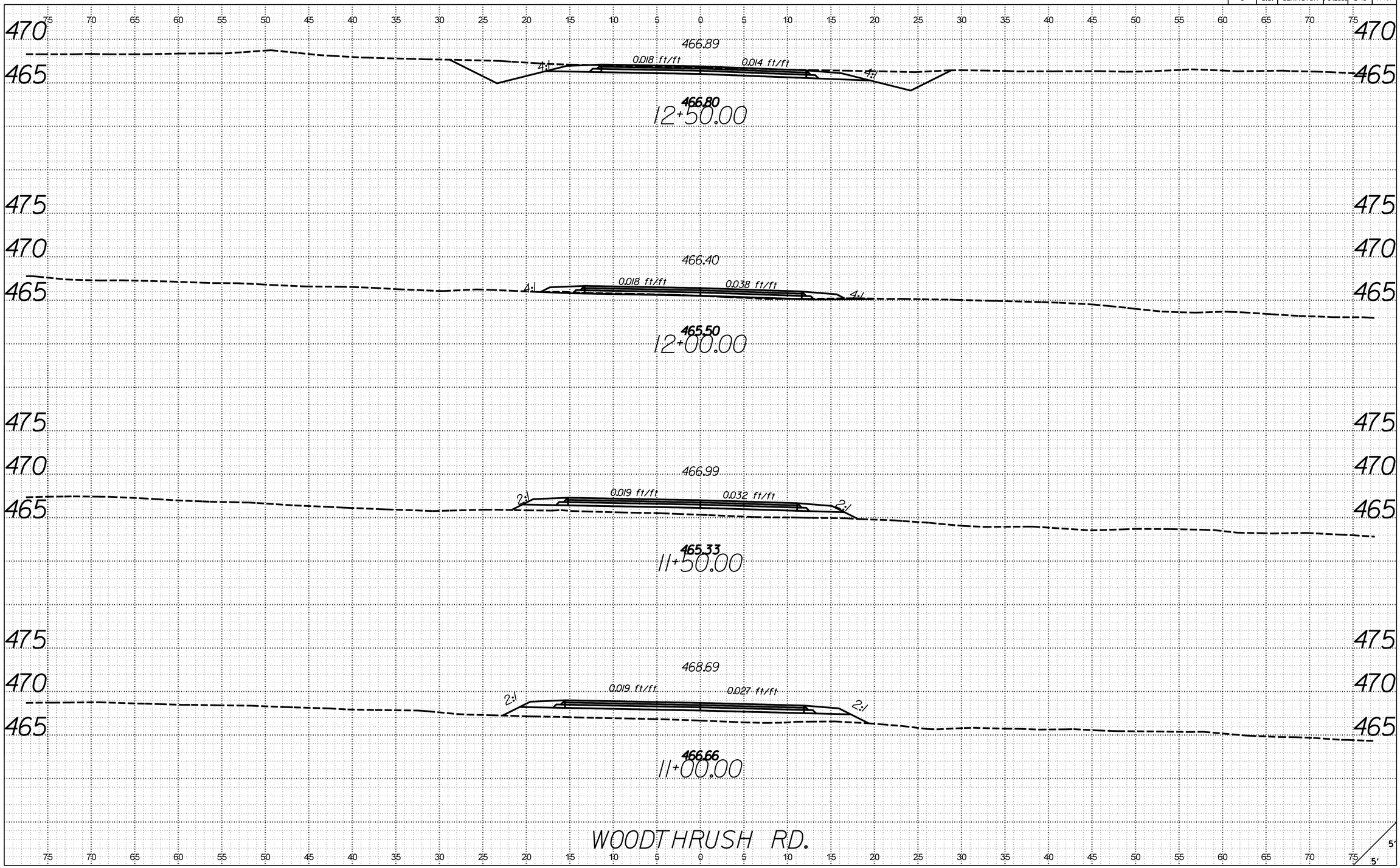
3	S.C.	LEXINGTON	P042383	S-48	X-197



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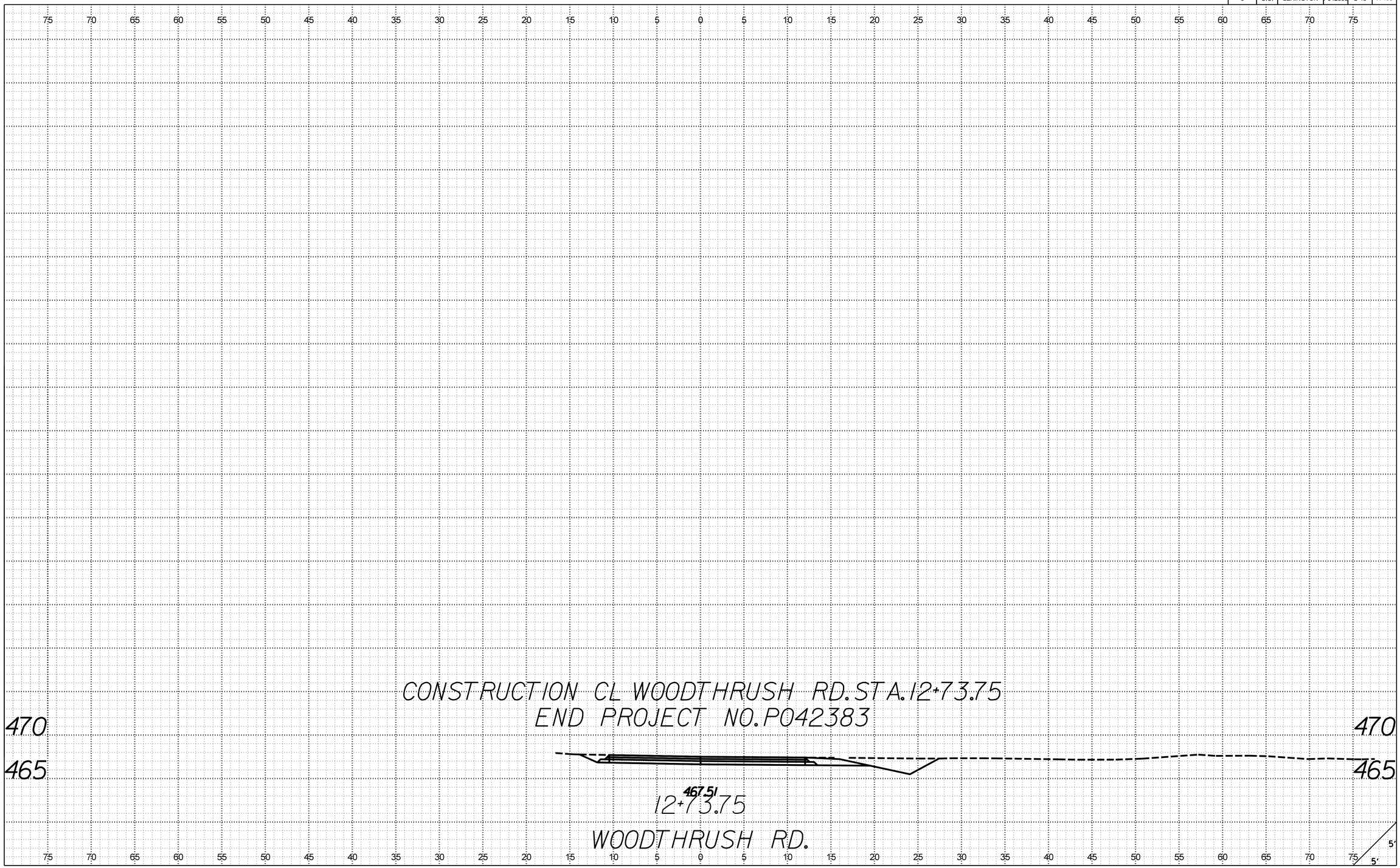

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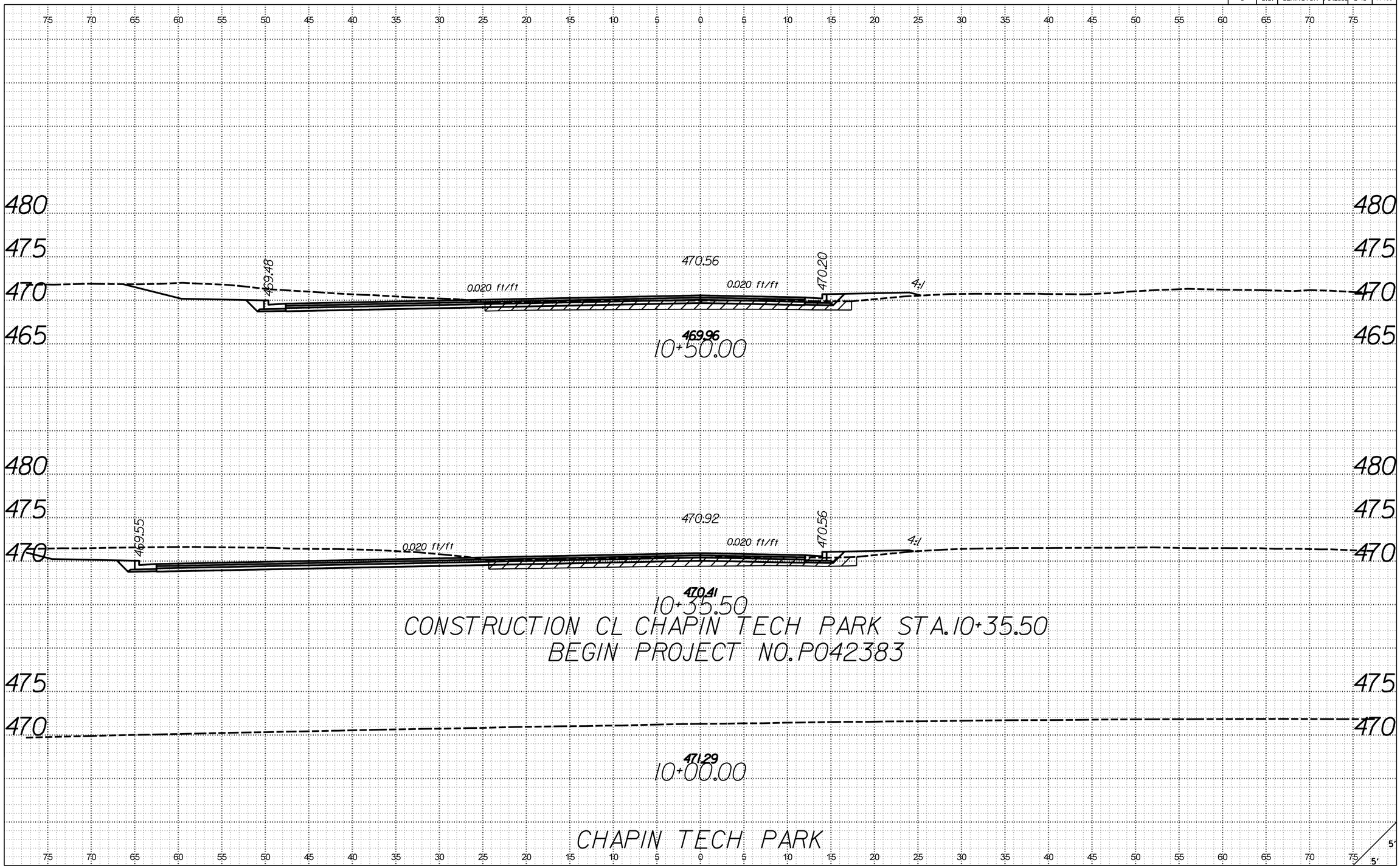
3	S.C.	LEXINGTON	P042383	S-48	X-199



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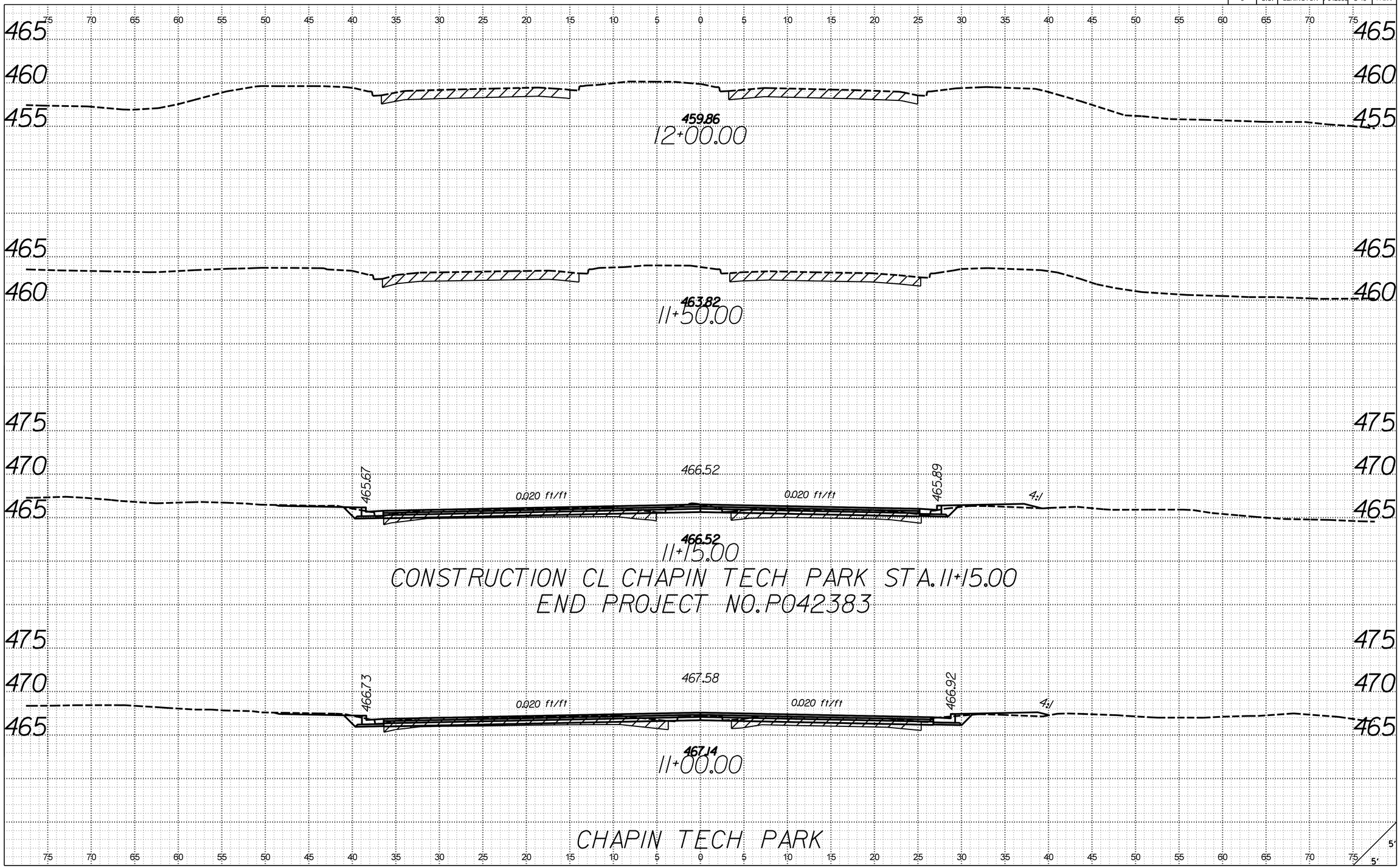

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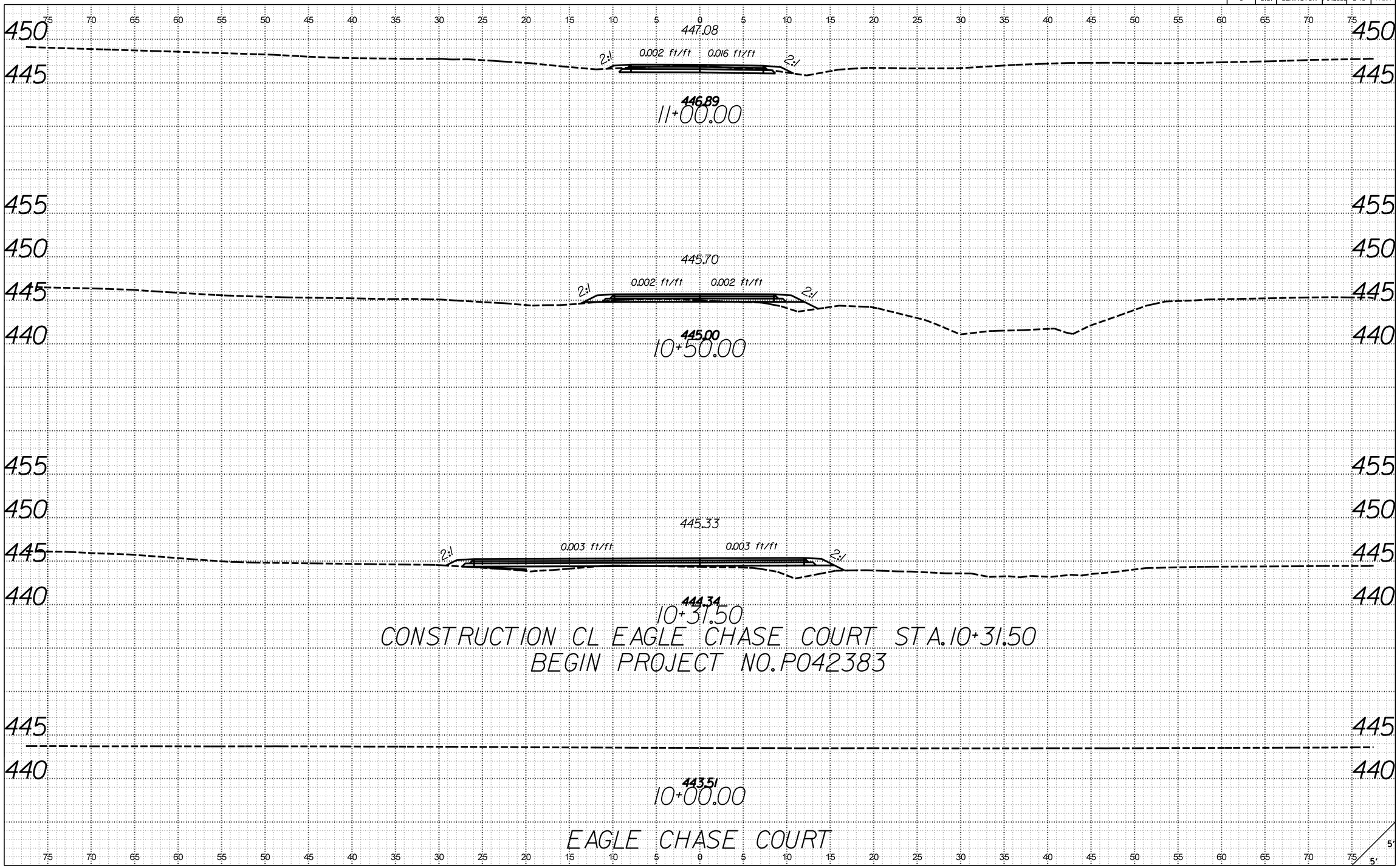

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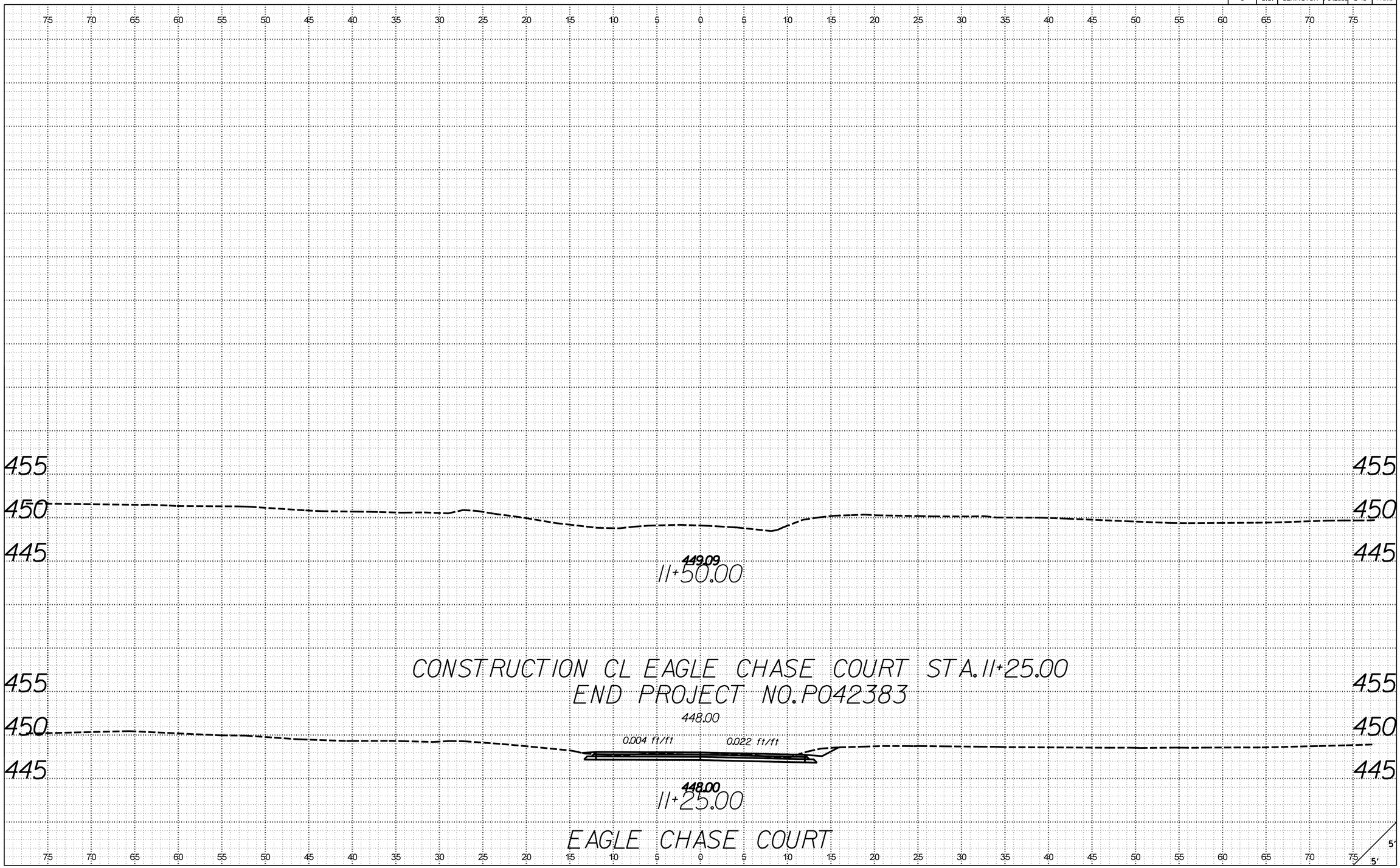

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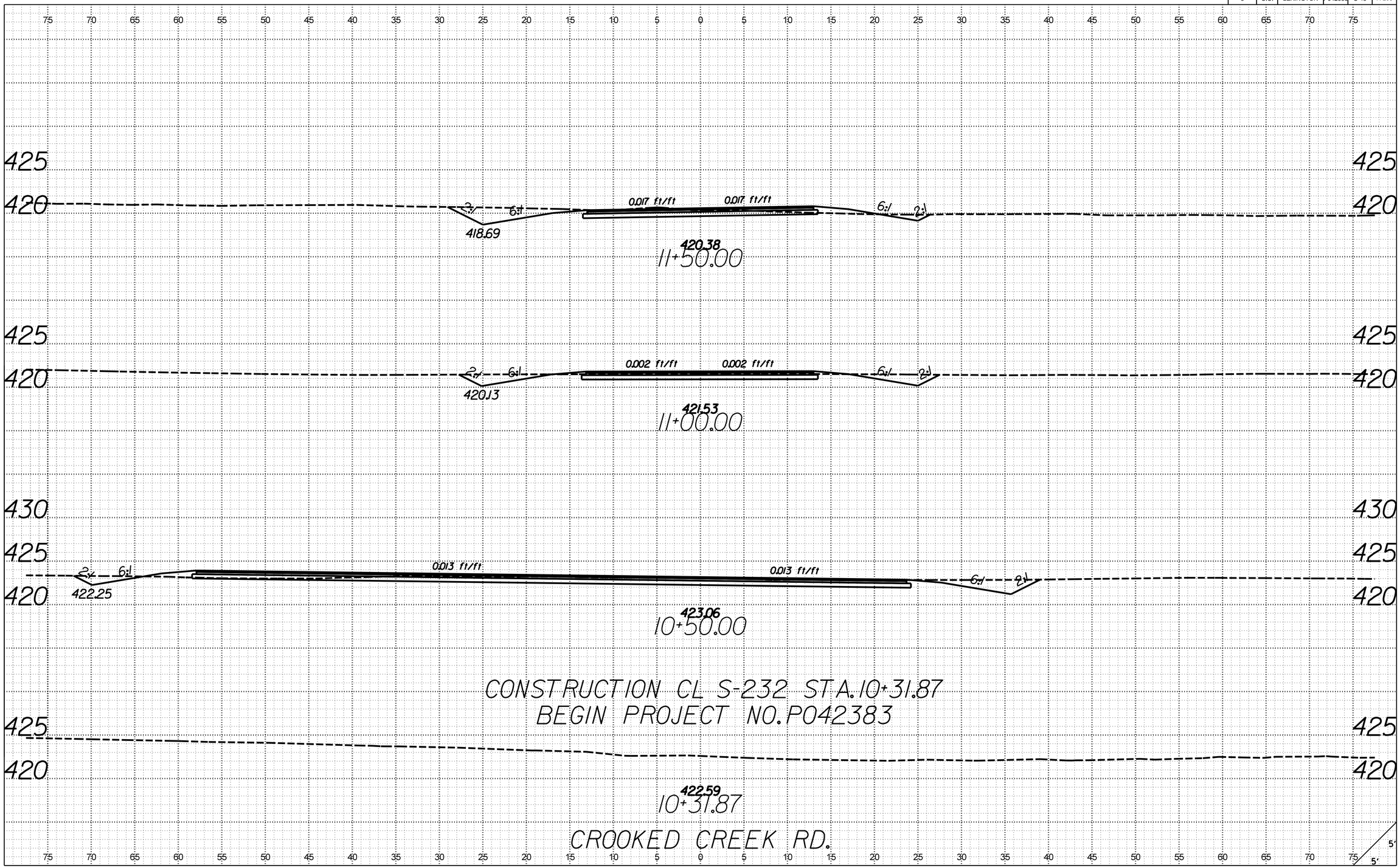

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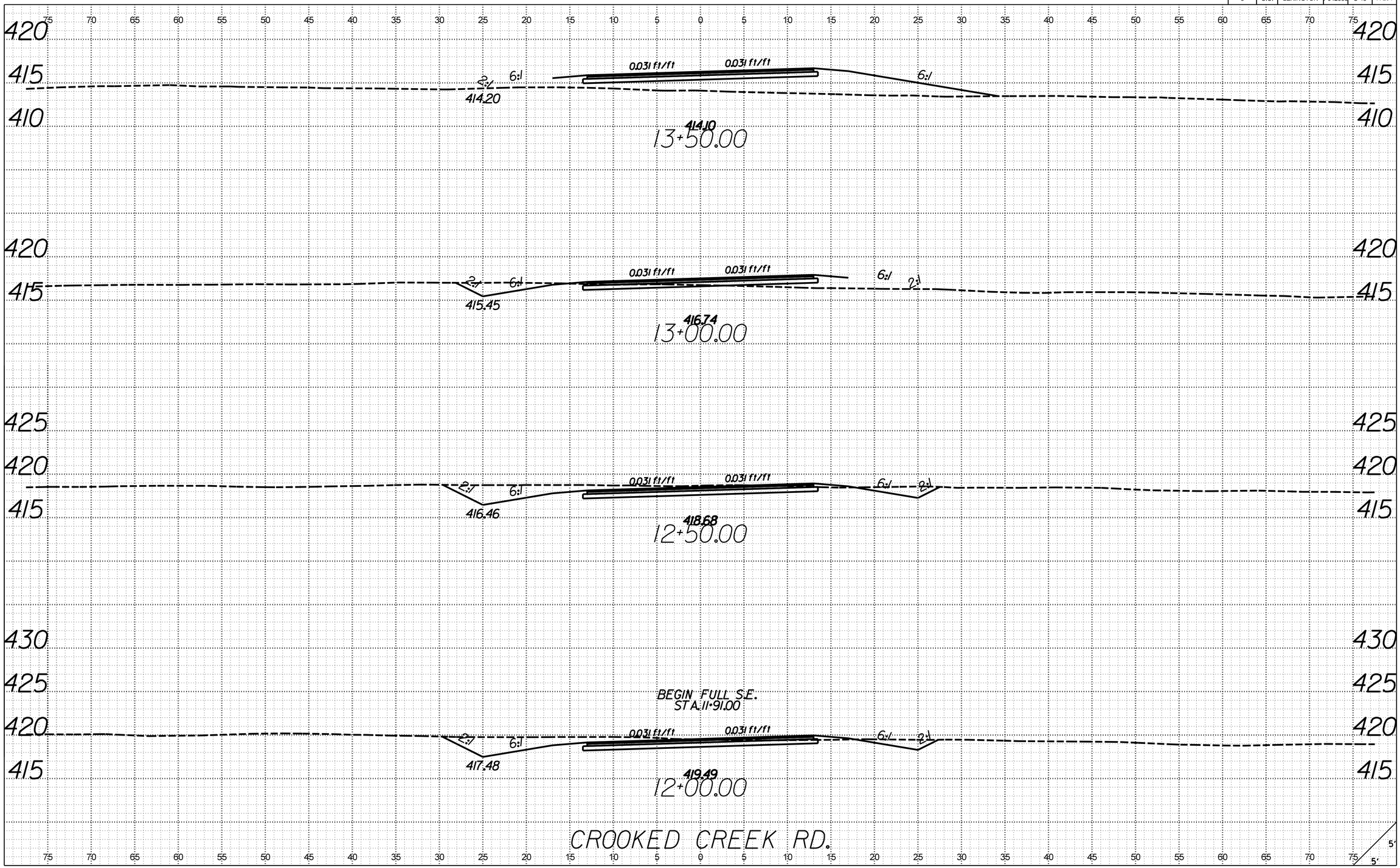

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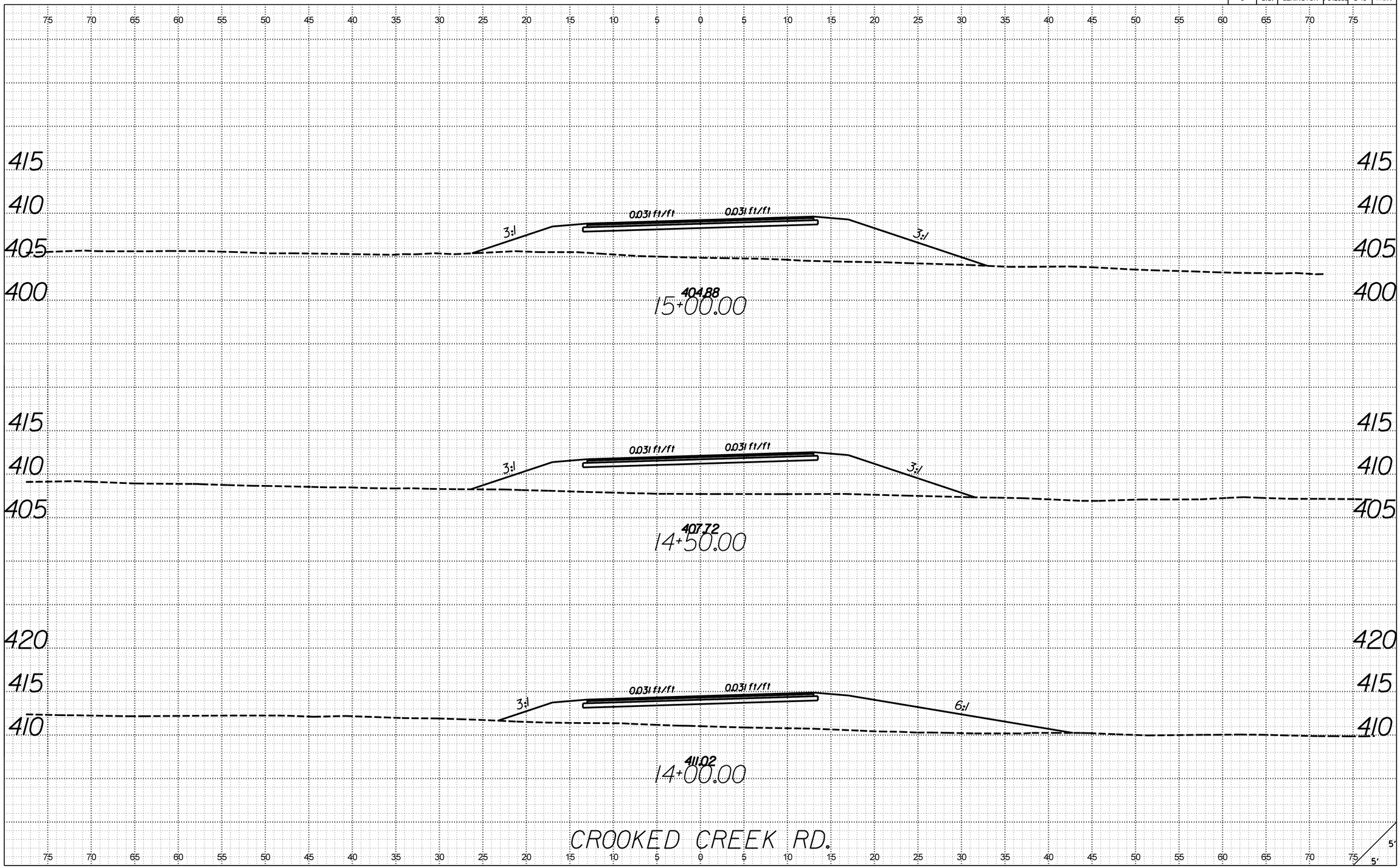

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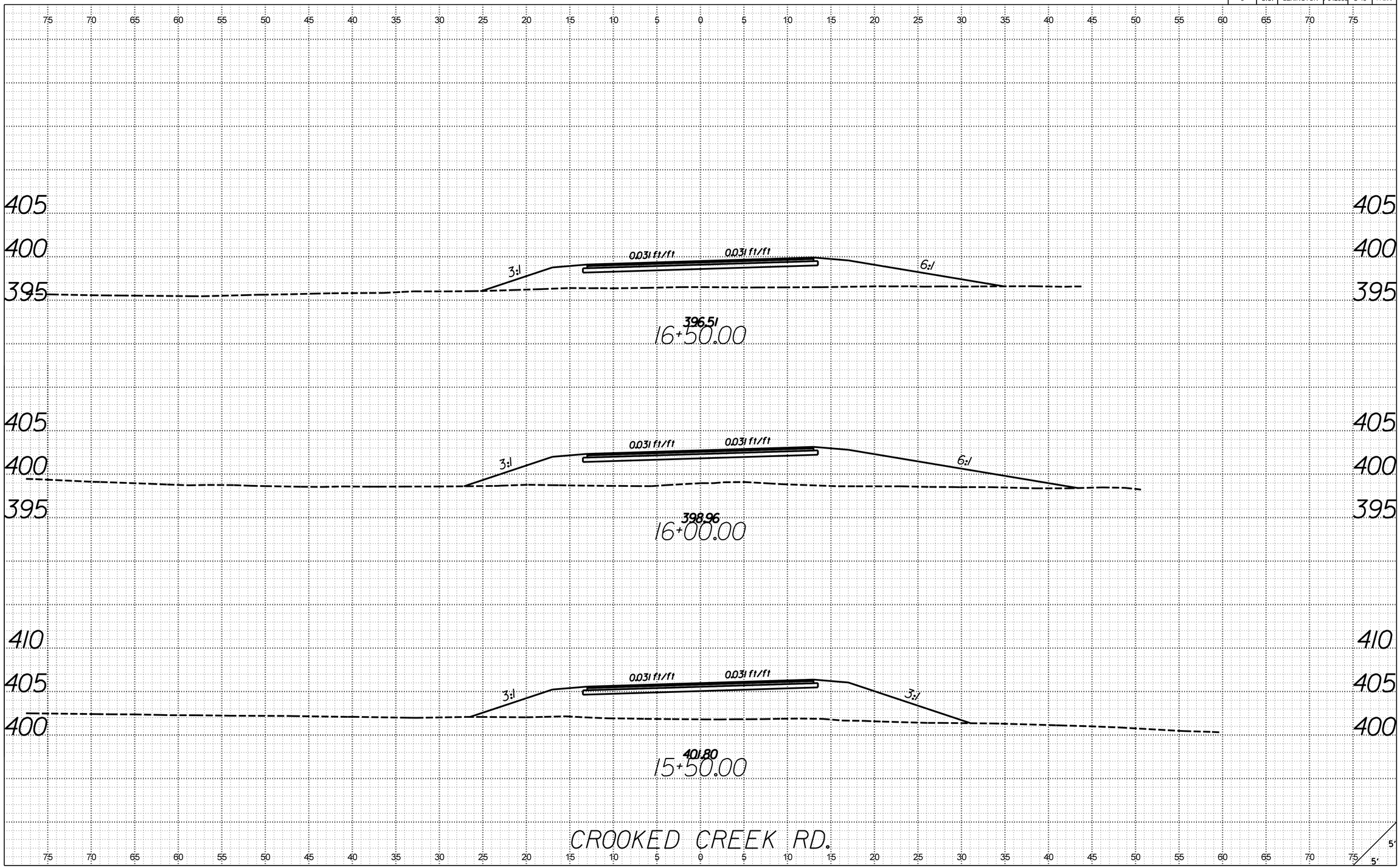

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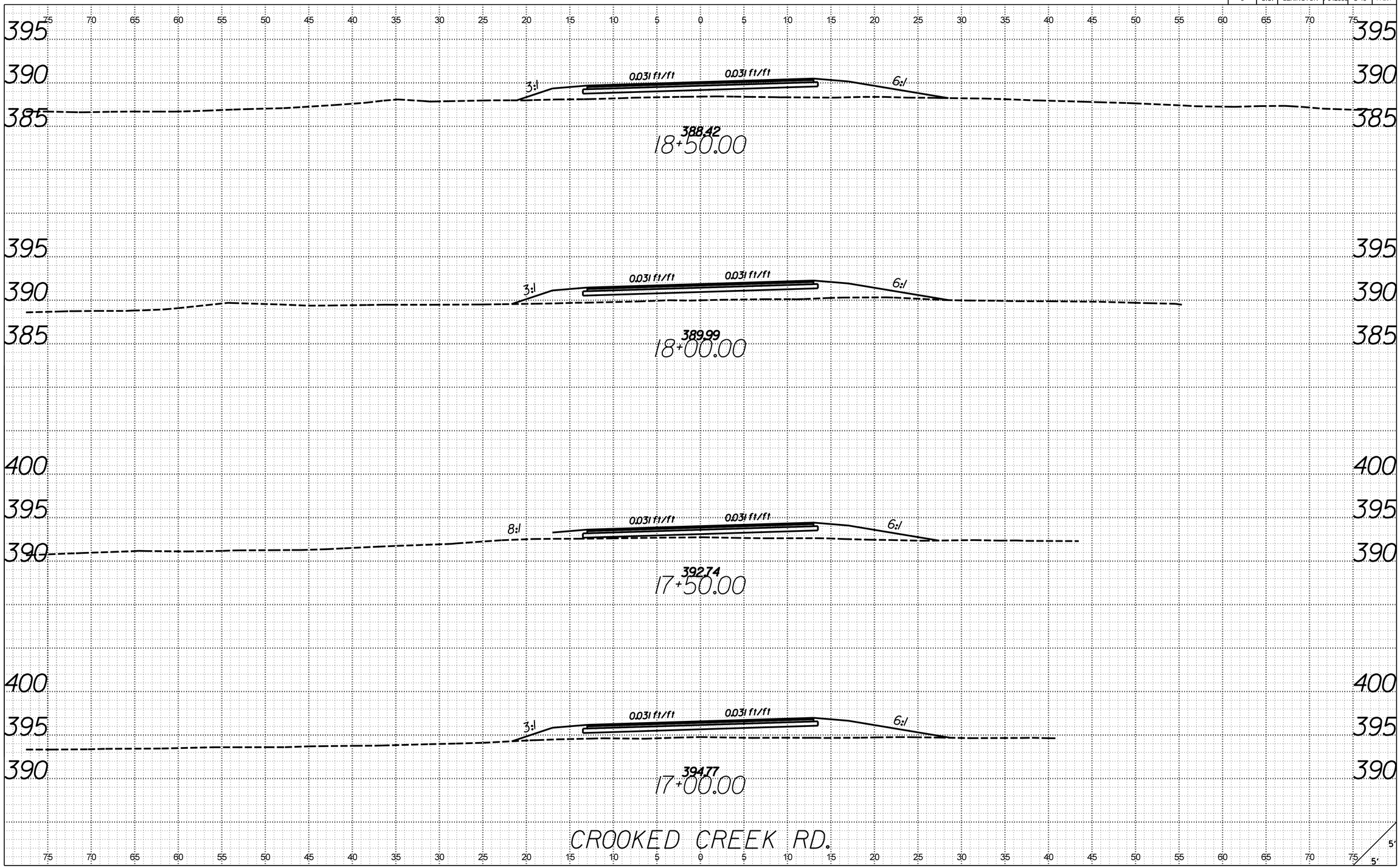
3	S.C.	LEXINGTON	P042383	S-48	X-207



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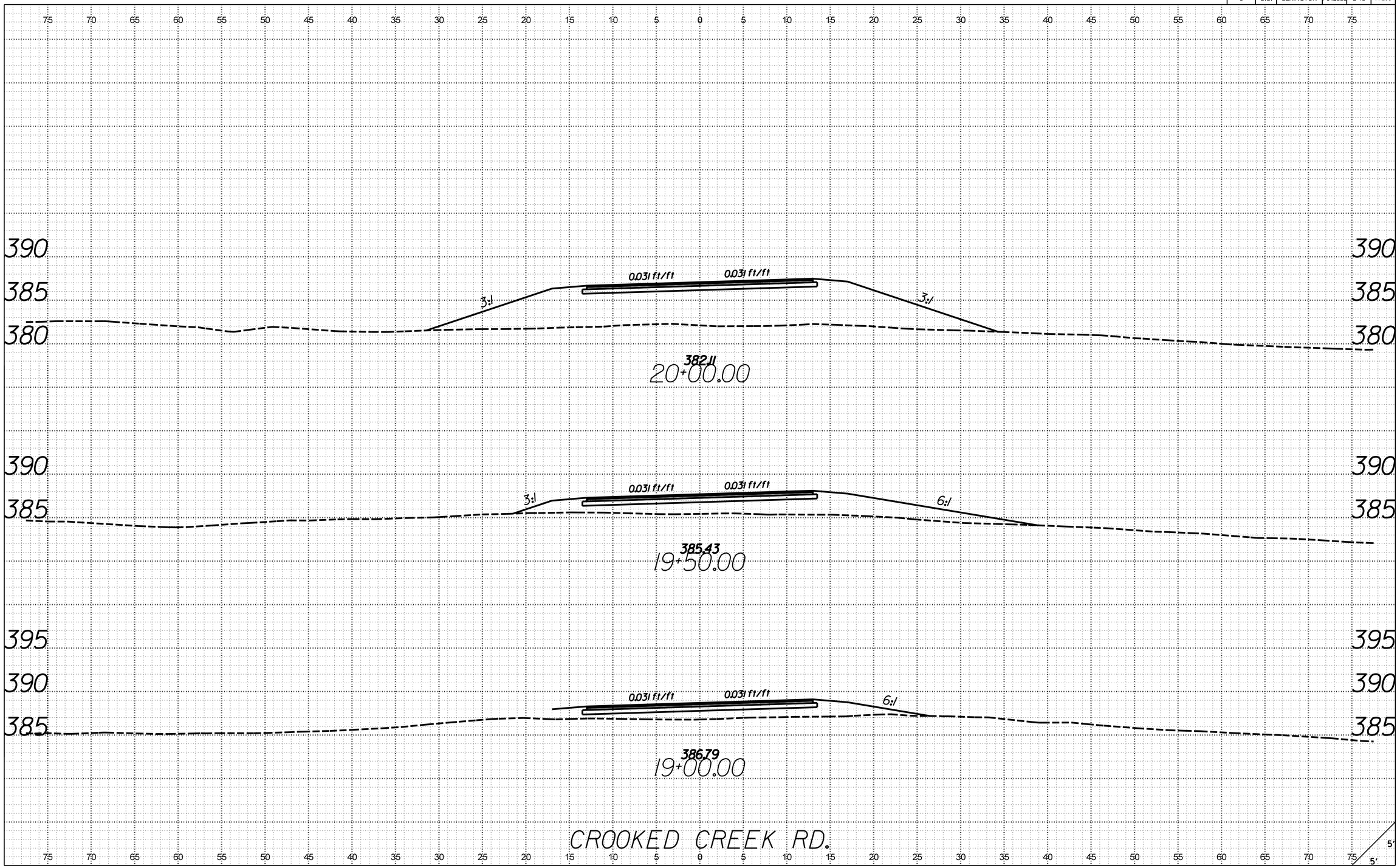
3	S.C.	LEXINGTON	P042383	S-48	X-208



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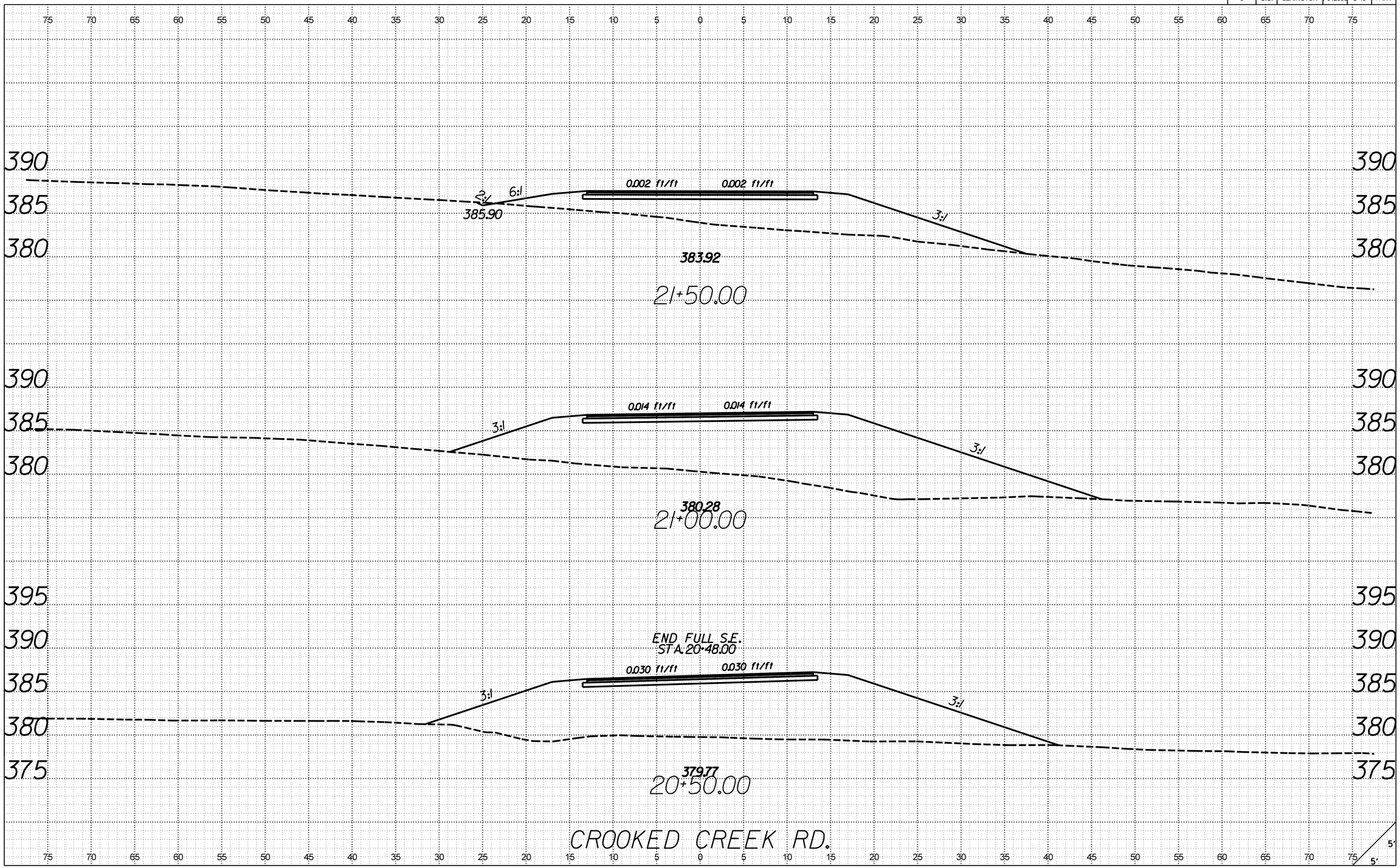

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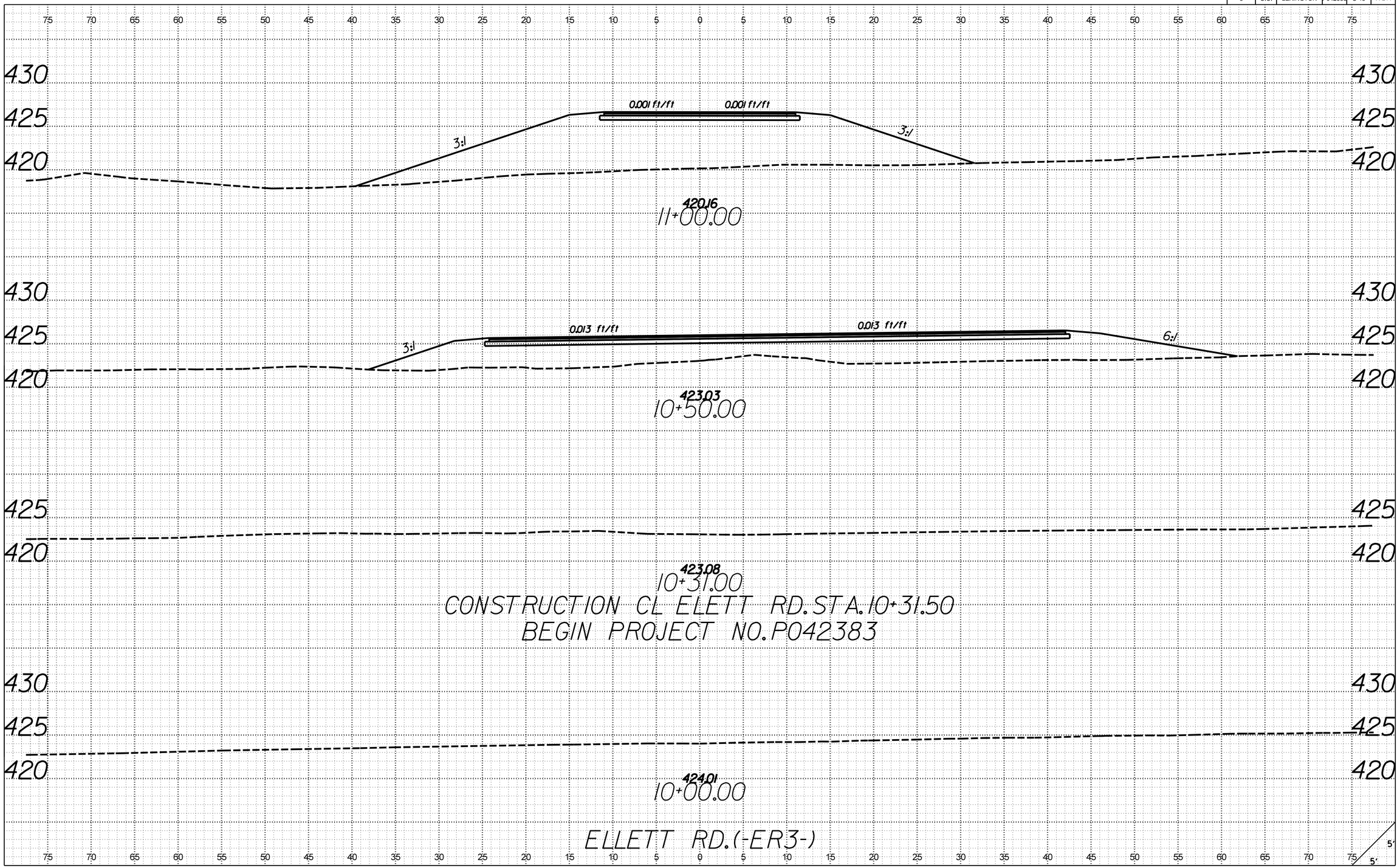

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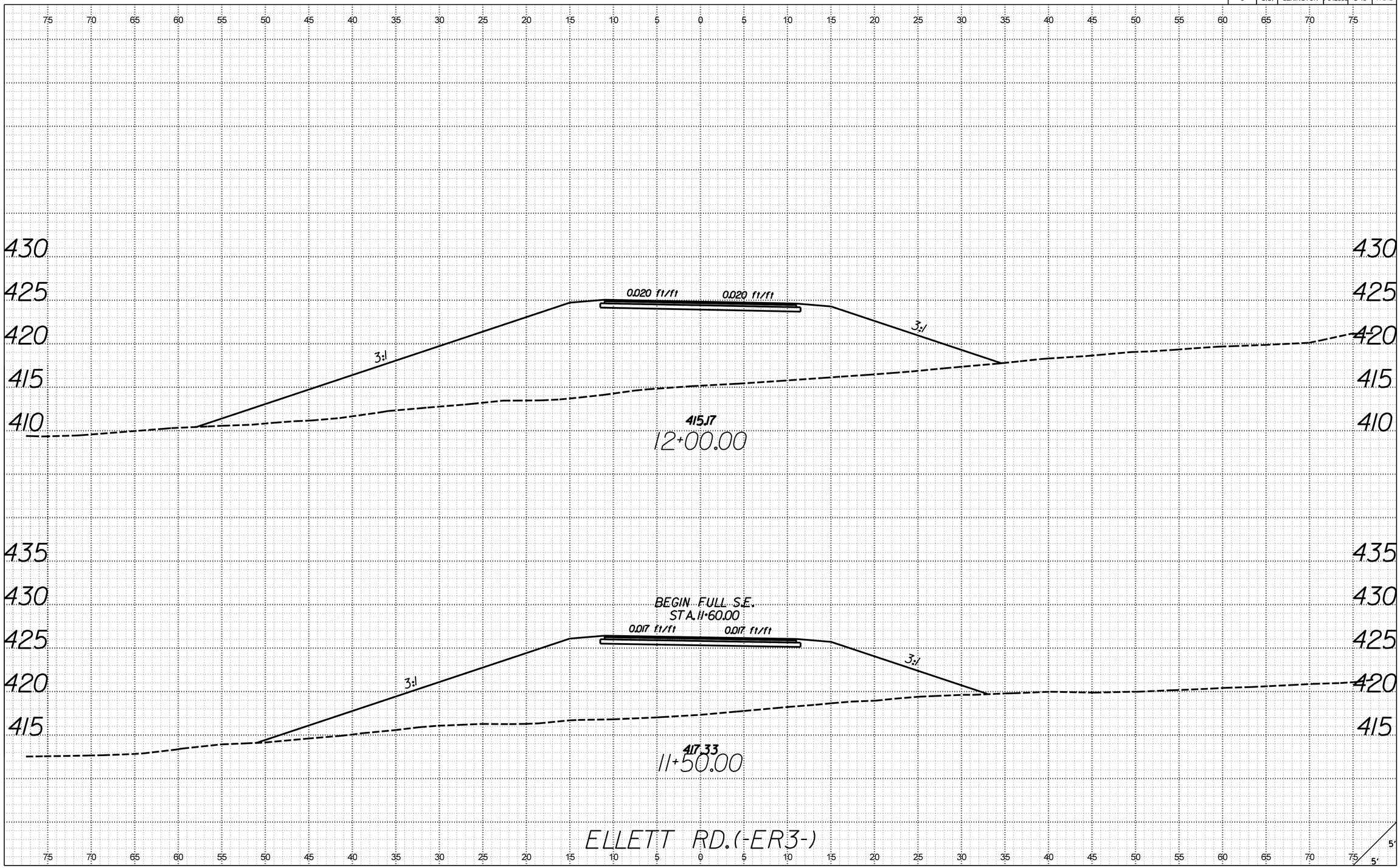
3	S.C.	LEXINGTON	P042383	S-48	X-212



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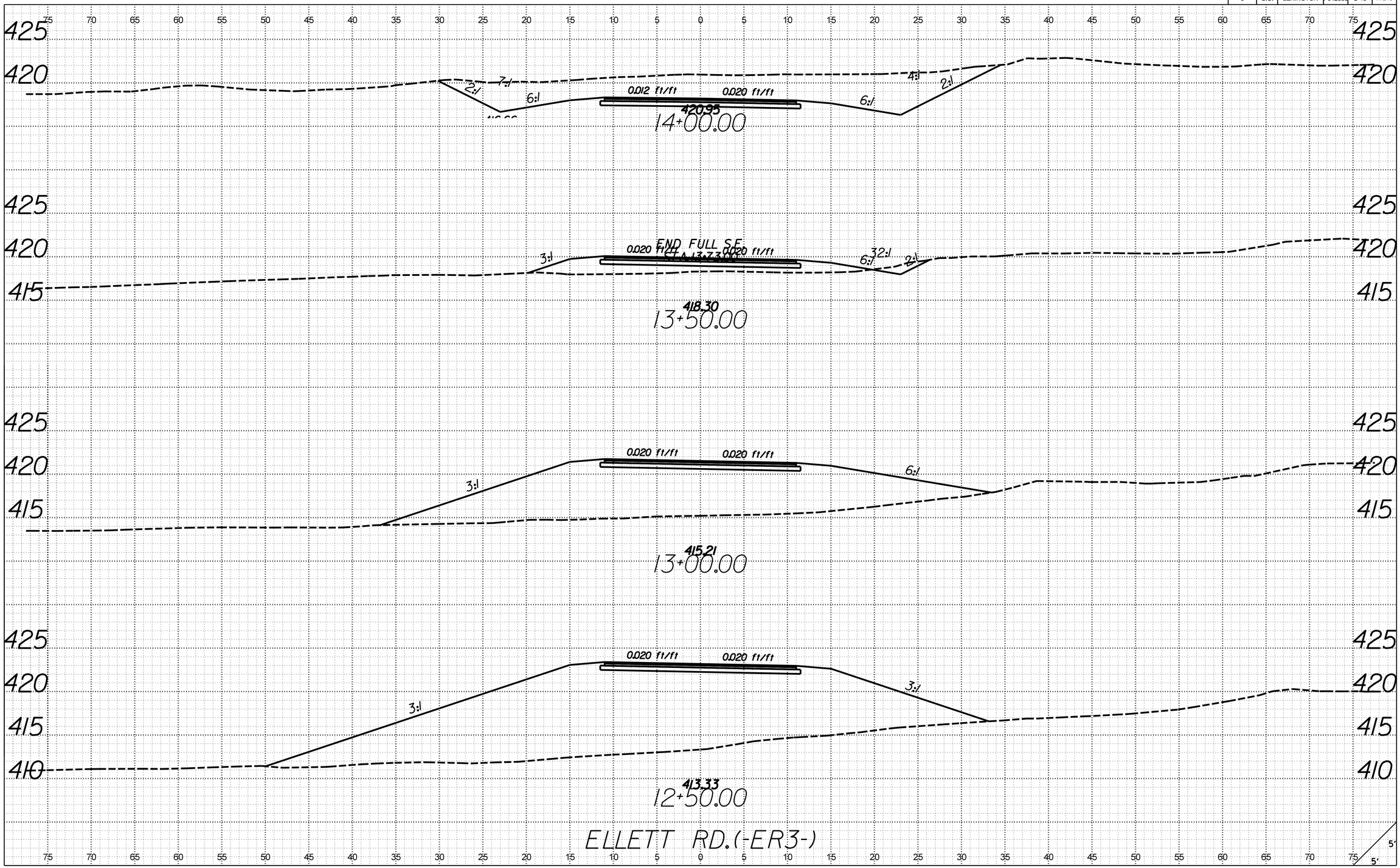
3	S.C.	LEXINGTON	P042383	S-48	X-213



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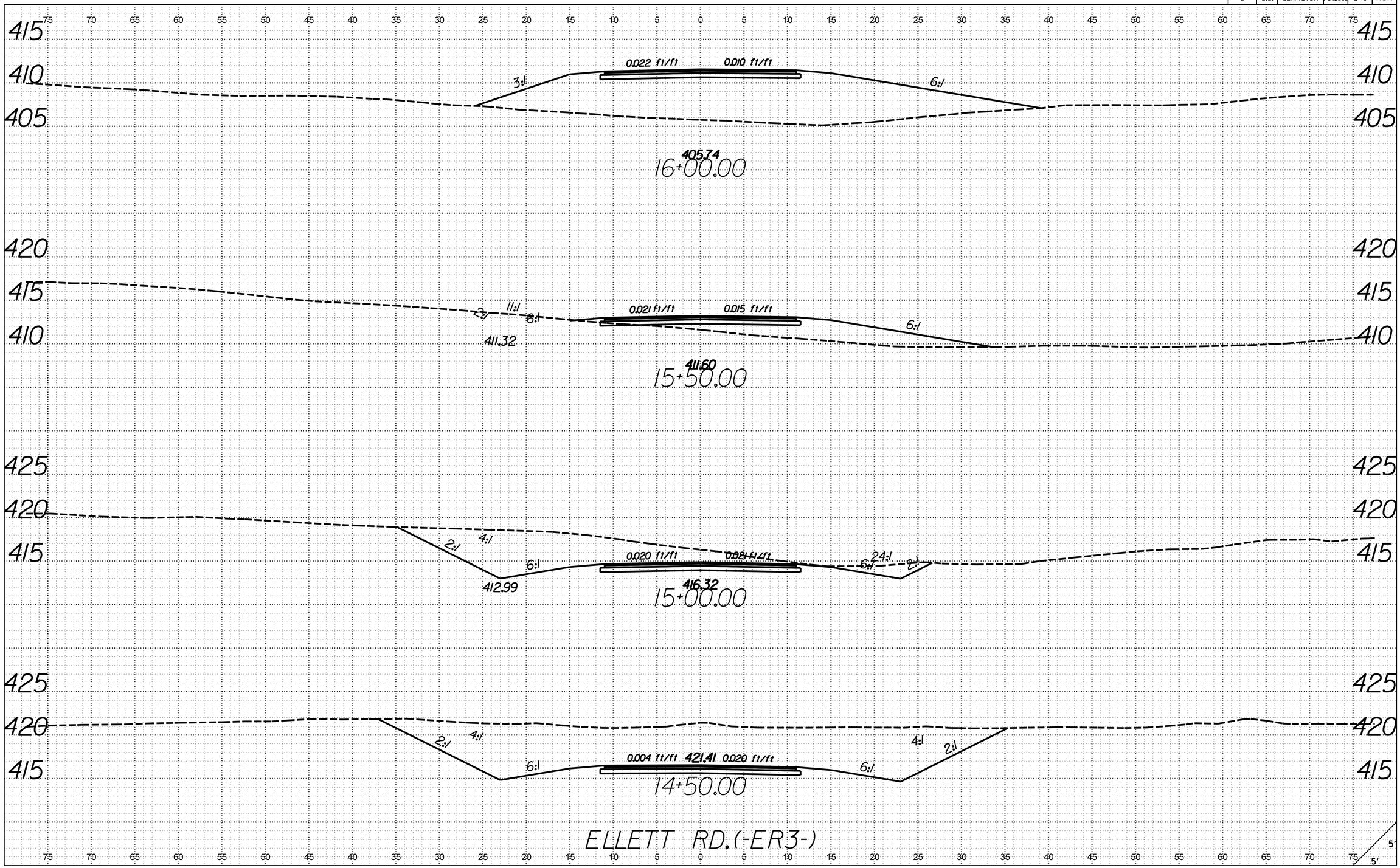
3	S.C.	LEXINGTON	P042383	S-48	X-214



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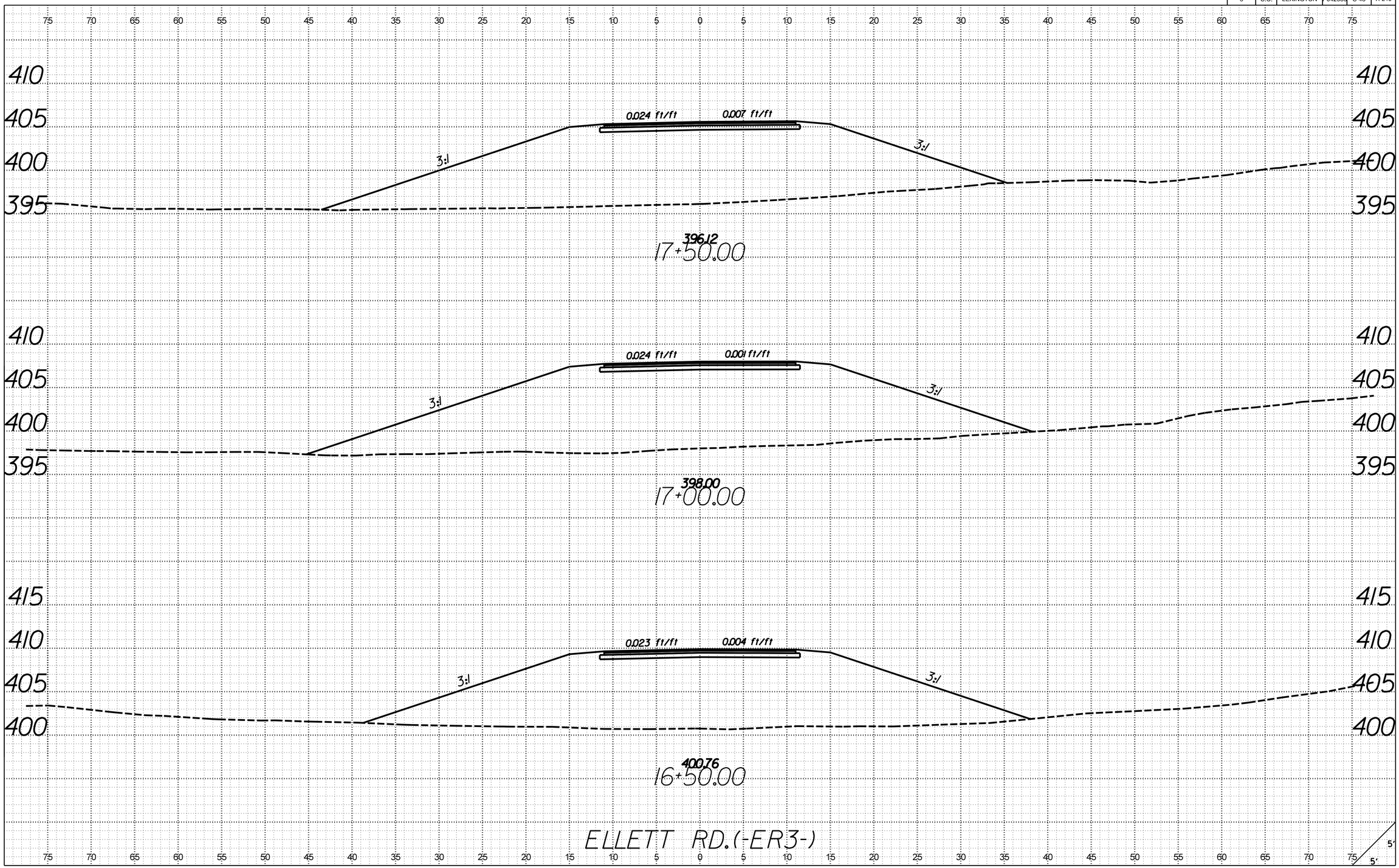
3	S.C.	LEXINGTON	P042383	S-48	X-215



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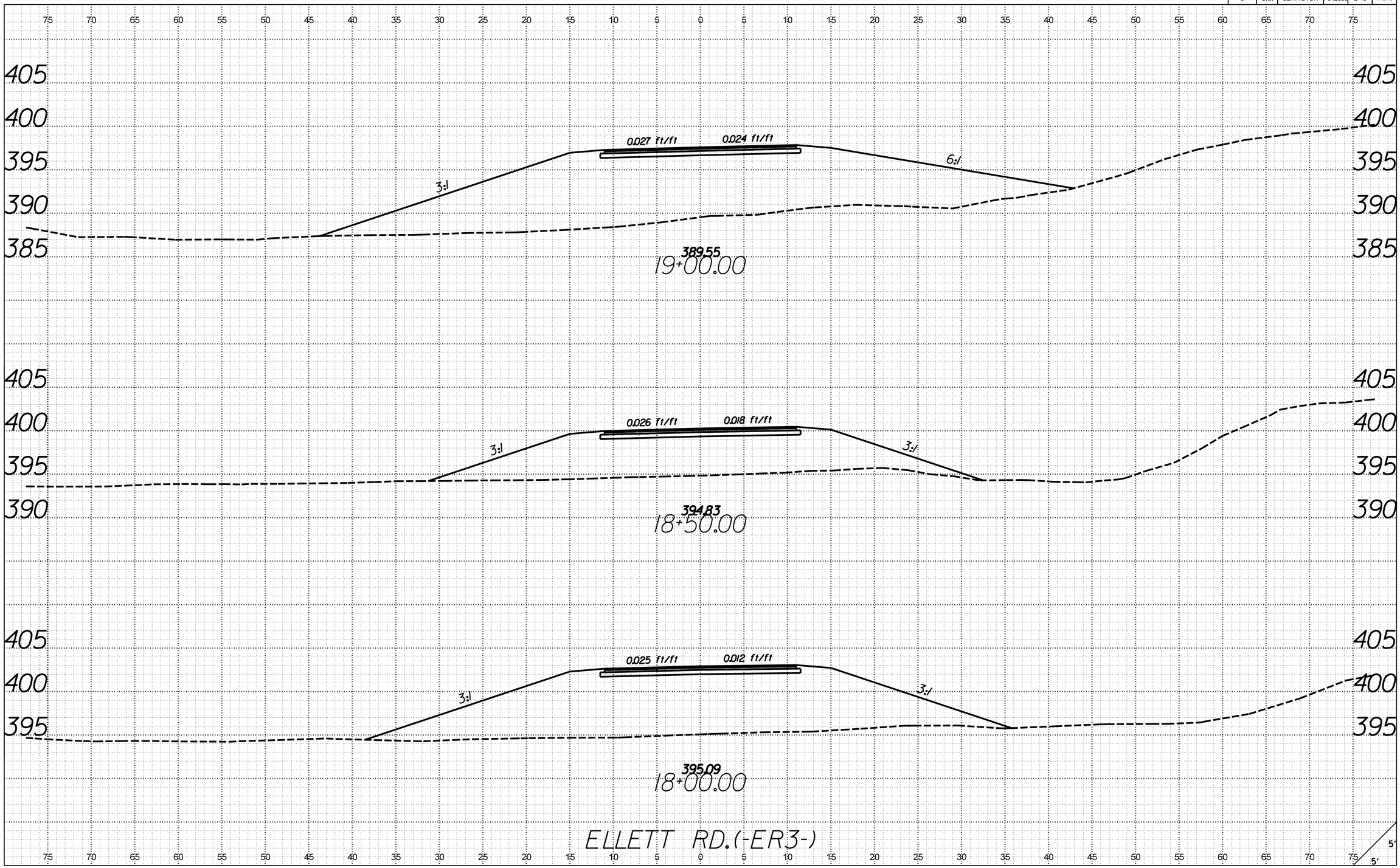
3	S.C.	LEXINGTON	P042383	S-48	X-216



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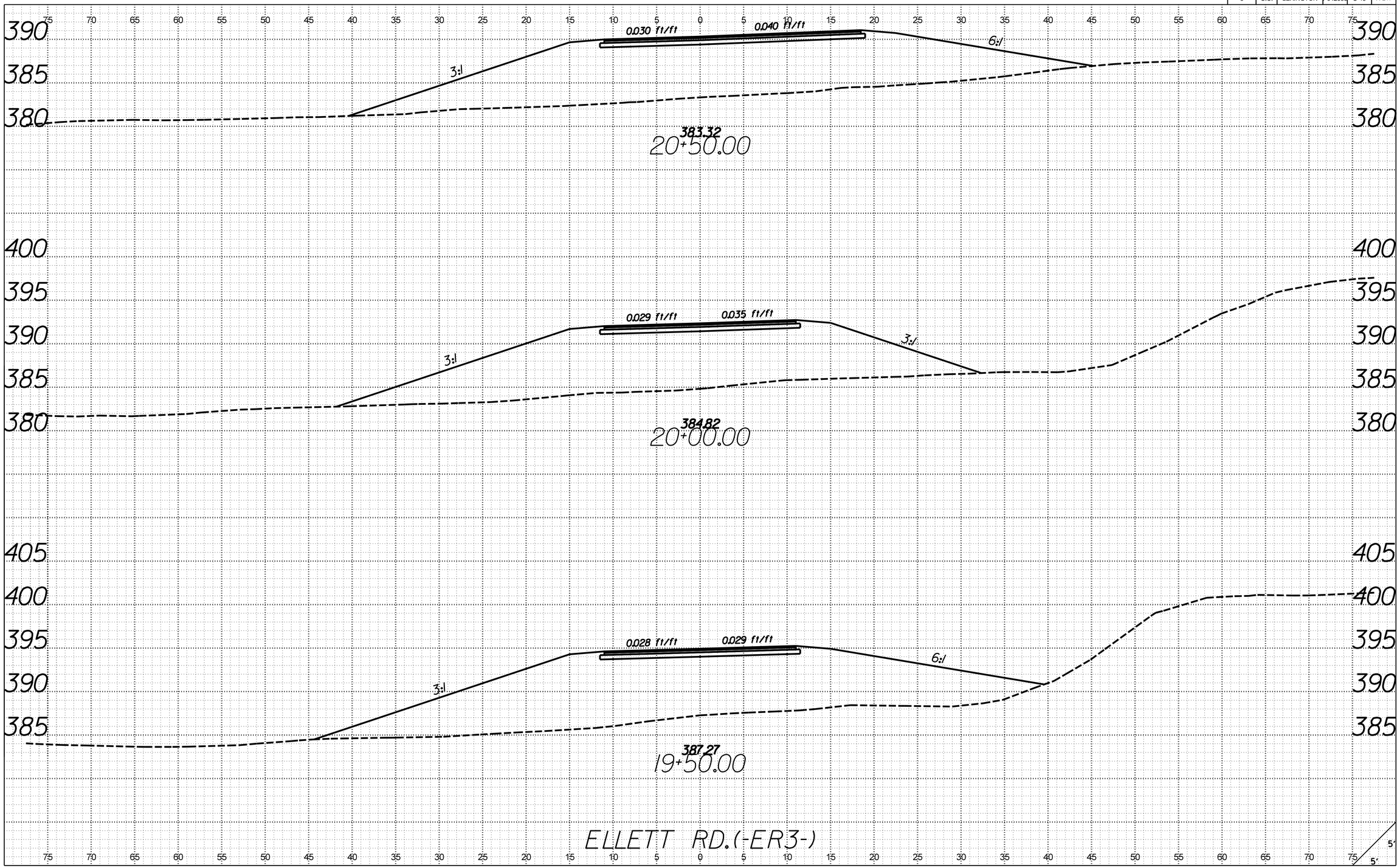
3	S.C.	LEXINGTON	P042383	S-48	X-217



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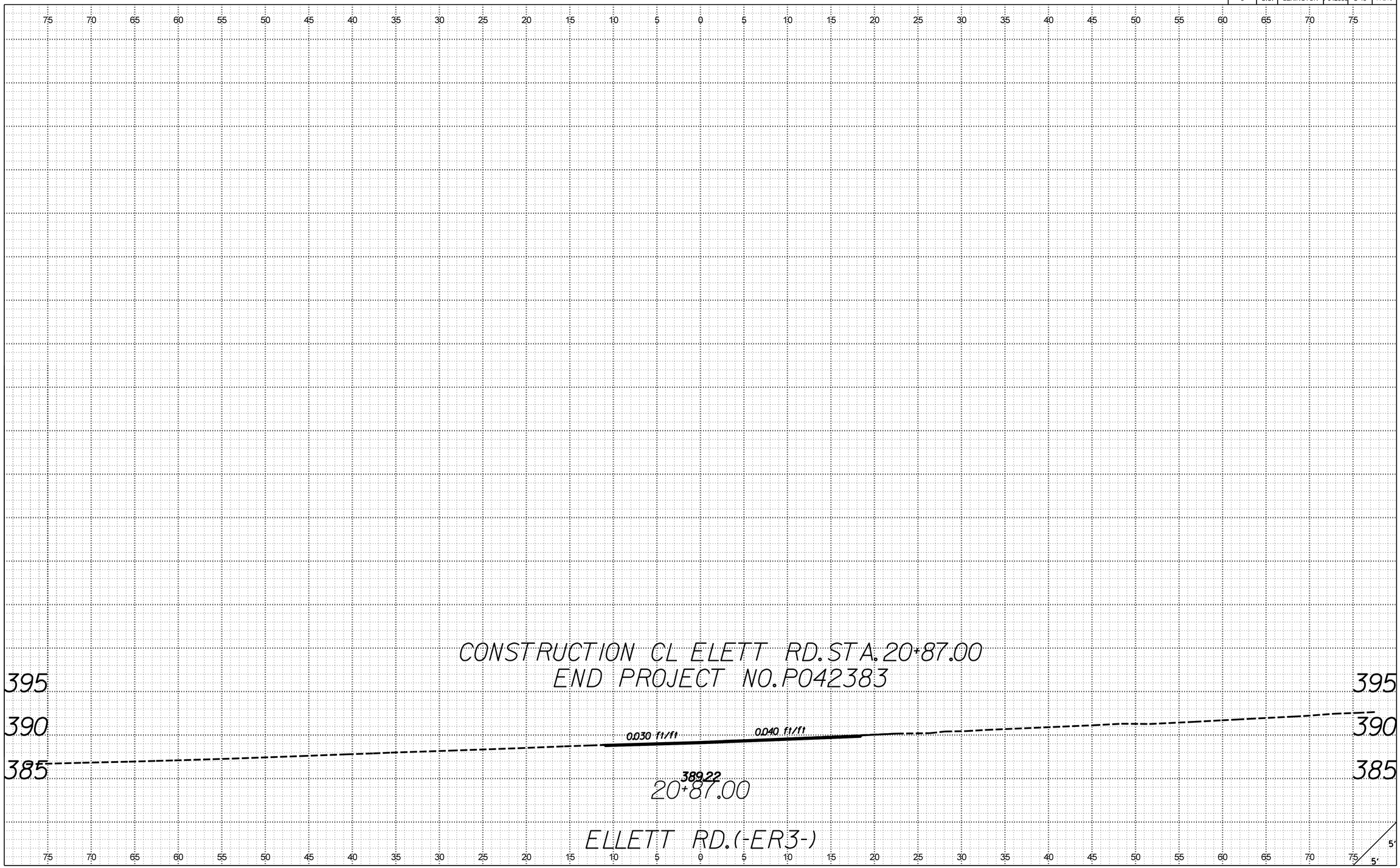
3	S.C.	LEXINGTON	P042383	S-48	X-218



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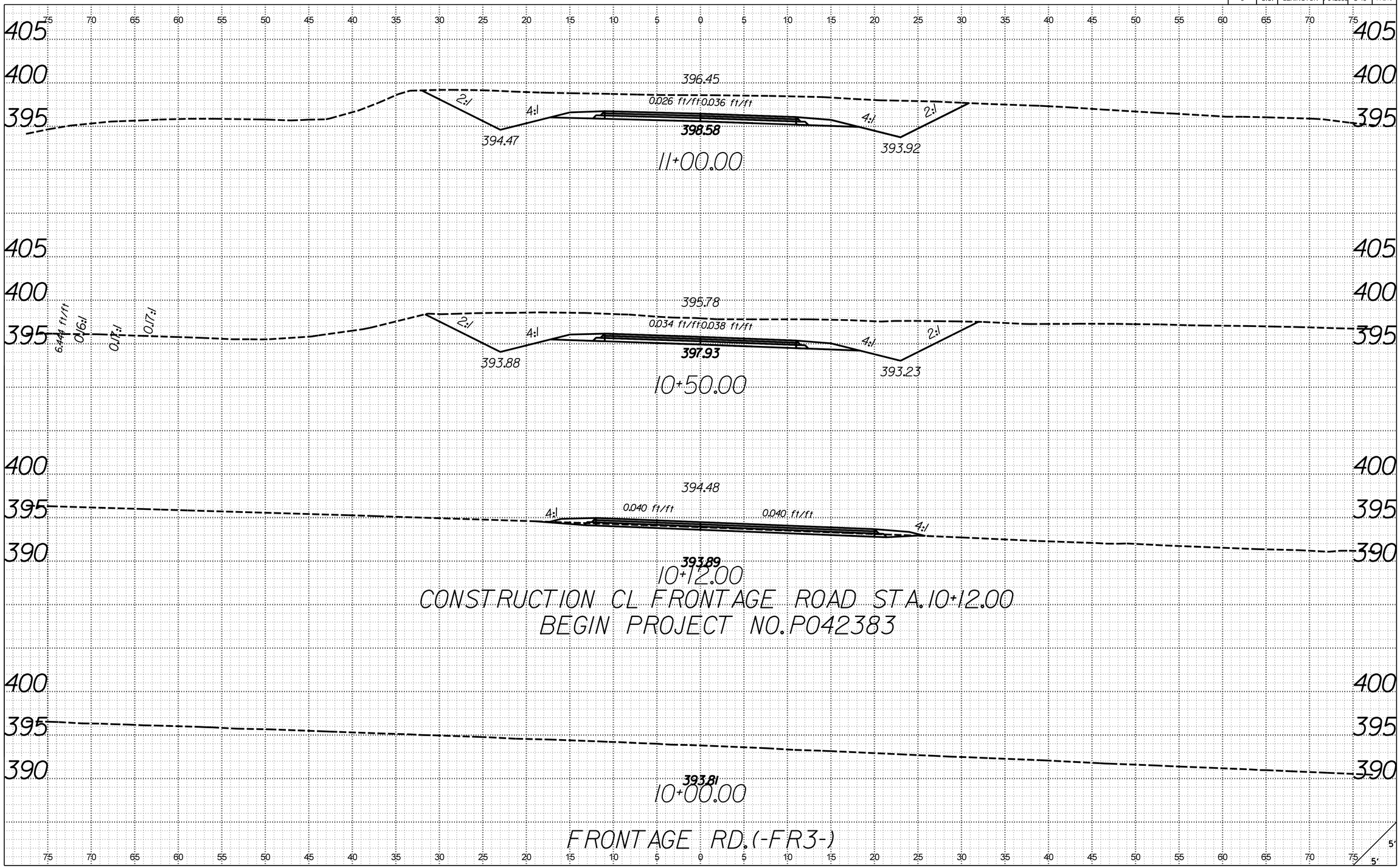
3	S.C.	LEXINGTON	P042383	S-48	X-219



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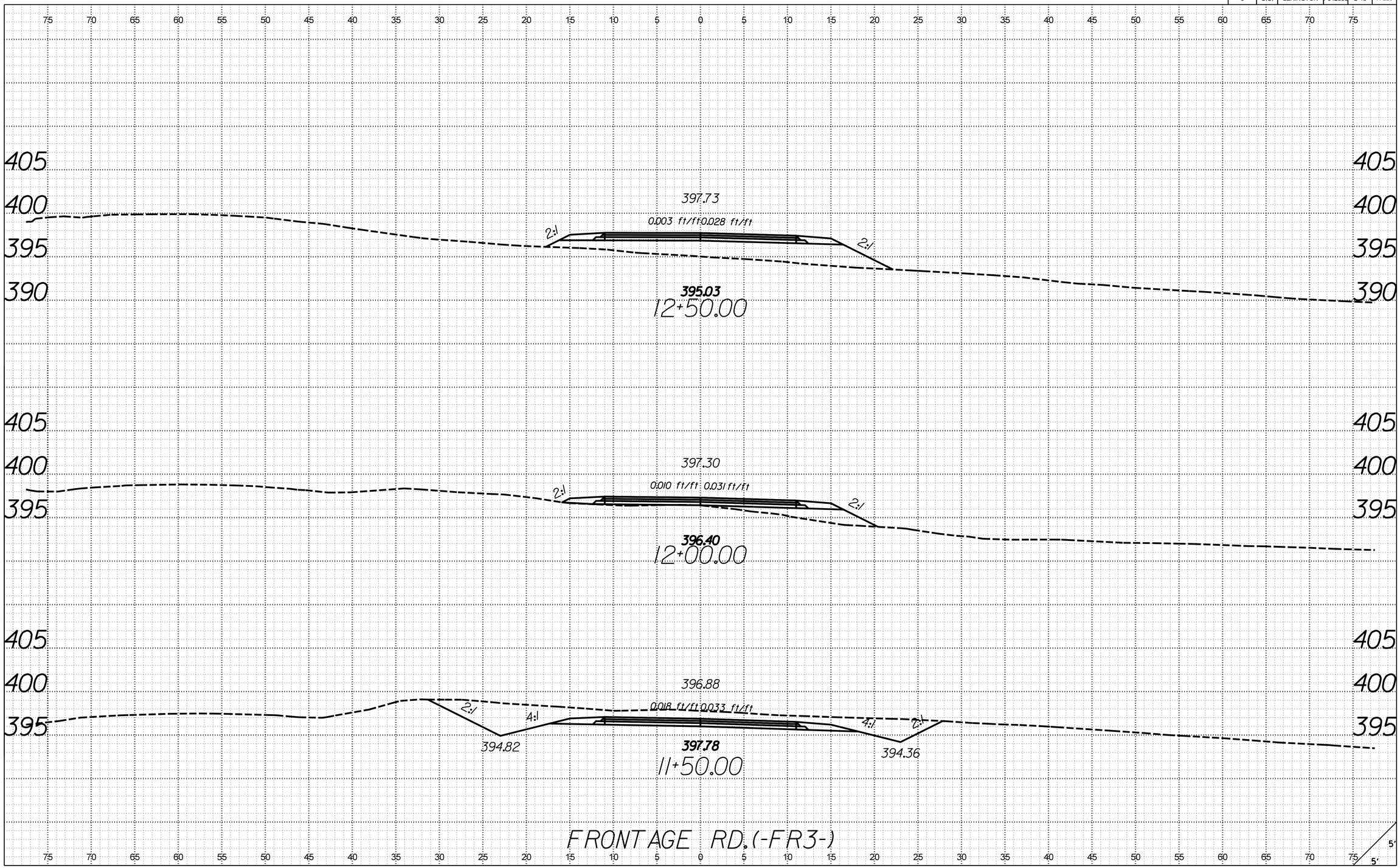
3	S.C.	LEXINGTON	P042383	S-48	X-220



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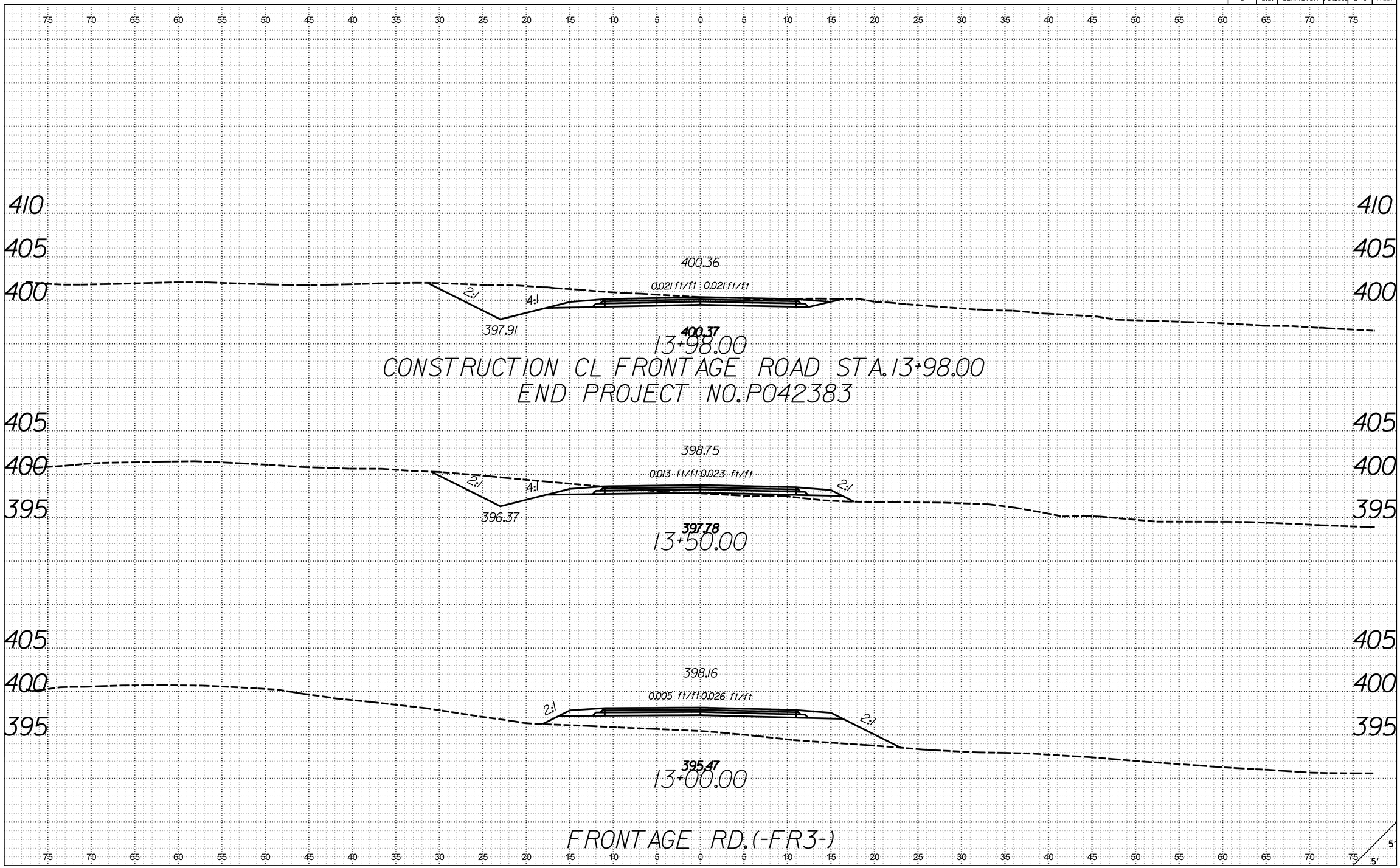
3	S.C.	LEXINGTON	P042383	S-48	X-221



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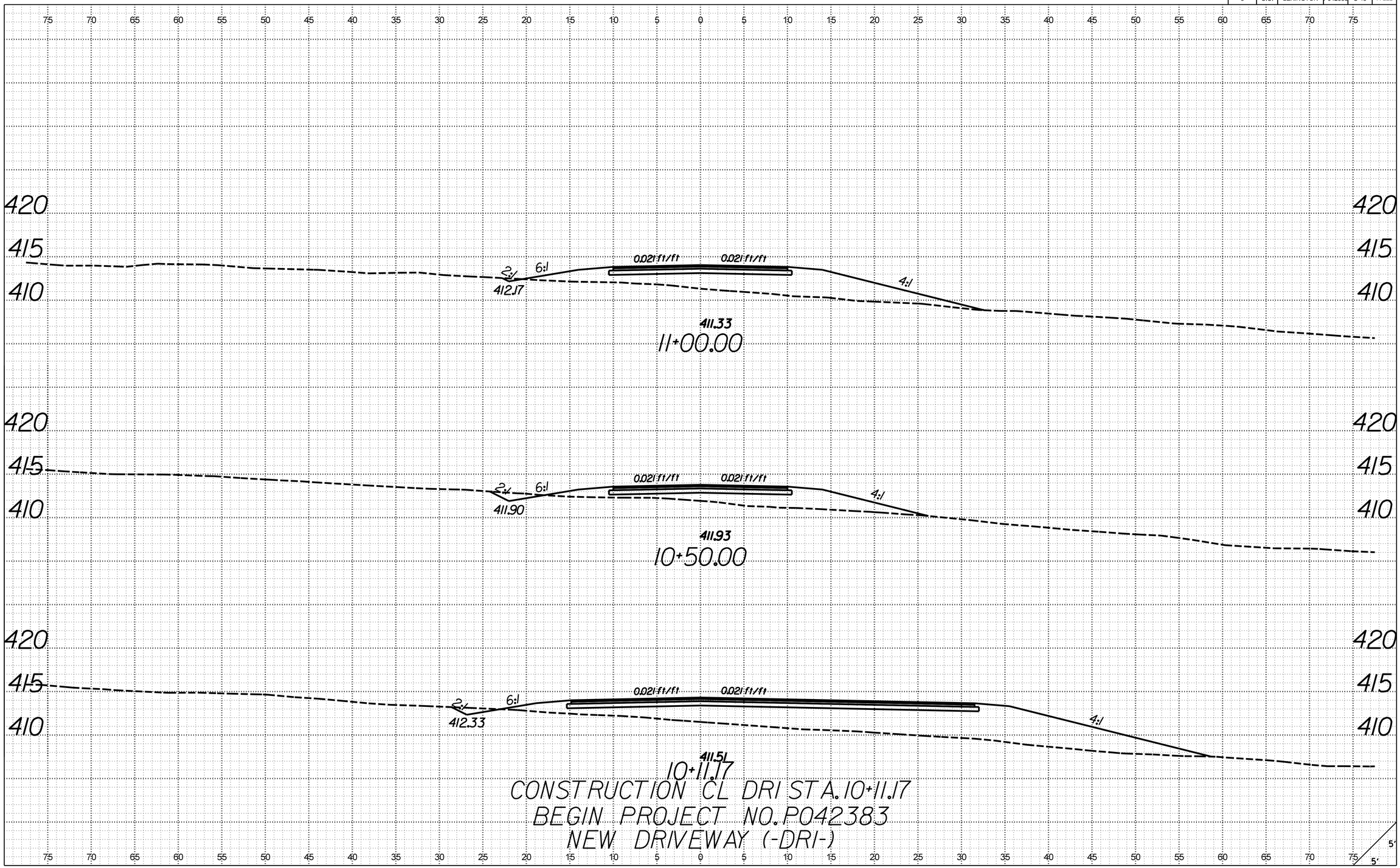
3	S.C.	LEXINGTON	P042383	S-48	X-222



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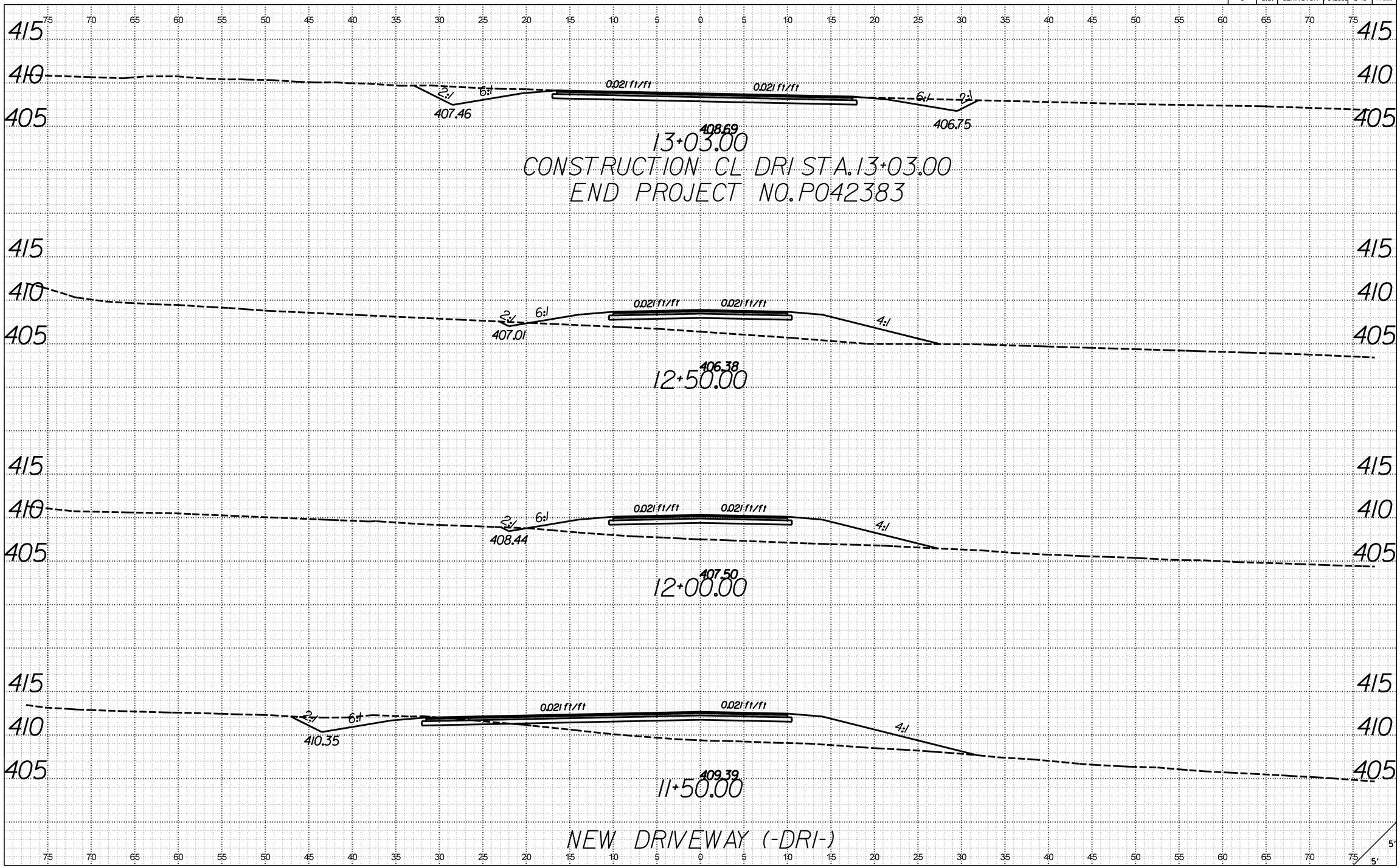
3	S.C.	LEXINGTON	P042383	S-48	X-223



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