LAKE COUNTY, FLORIDA

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

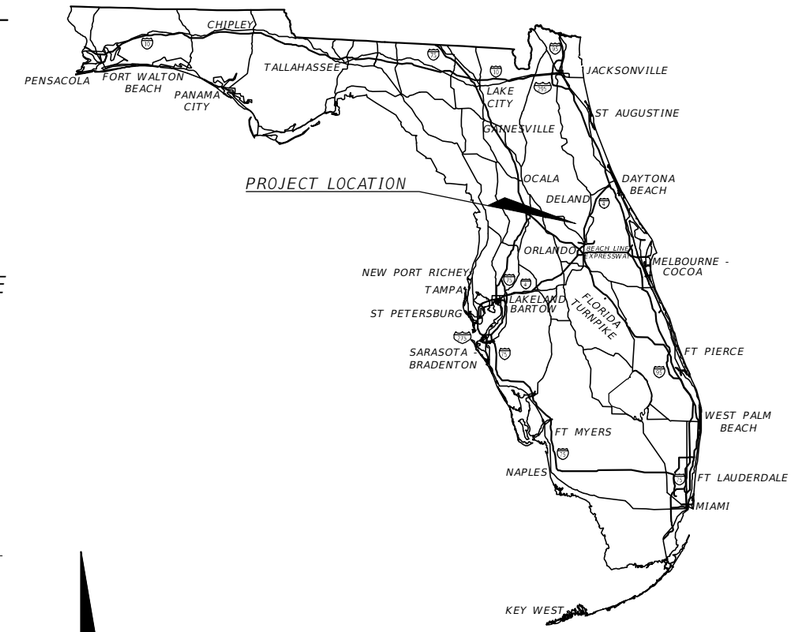
DEPARTMENT OF PUBLIC WORKS

ENGINEERING DIVISION

315 WEST MAIN STREET
TAVARES, FLORIDA 32778

CR 452 FROM CR 44 TO THE LAKE/MARION COUNTY LINE
SAFETY IMPROVEMENTS

FPID: 443511-1-58-01
FEDERAL AID NUMBER: D521-020-B



INDEX OF ROADWAY PLANS

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169	TEMPORARY TRAFFIC CONTROL PLAN
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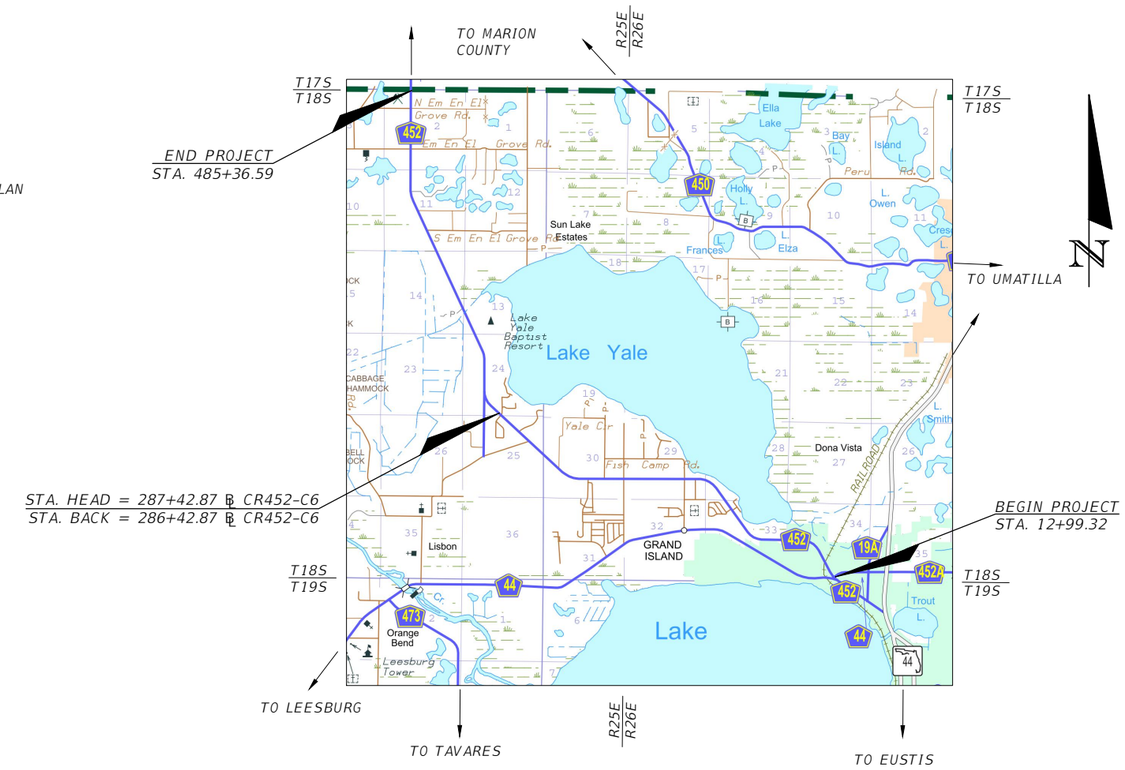
205	POTENTIAL CONTAMINATION AREA



BURGESS & NIPLE

ENGINEER OF RECORD:

JOHN DEE, P.E.
P.E. NO.: 60053
BURGESS & NIPLE
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FLORIDA, 32810
CERTIFICATE OF AUTHORIZATION NO.: 9853

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs). Standard Plans for Road Construction and associated IRs are available at the following website:
http://www.fdot.gov/design/Standardplans.shtm

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY2024-25 Standard Specifications for Road and Bridge Construction at the following website:

http://www.fdot.gov/programmanagement/Implemented/SpecBooks

LENGTH OF PROJECT	LINEAR FEET	MILES
ROADWAY	47,137.27	8.928
BRIDGES	0	0
NET LENGTH OF PROJECT	47,137.27	8.928
EXCEPTIONS	0	0
GROSS LENGTH OF PROJECT	47,137.27	8.928

FINAL
JUNE 2021

FISCAL YEAR	SHEET NO.
22	01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

JOHN DEE
No.60053
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

John T Dee

Digitally signed by John T Dee
DN: CN=John T Dee, OU=A01410D00000177B5AD0F550001040E, O=BURGESS AND NIPLE, C=US
Date: 2021.11.12 10:39:41-05'00'

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

BURGESS & NIPLE
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

PLAN INDEX

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JEREMY A. SEWELL
No.62951
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Jeremy A Sewell
2021.11.11 11:24:01-05'00'

ON THE DATE ADJACENT TO THE SEAL

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TIERRA INC.
591 SUSAN B. BRITT COURT
WINTER GARDEN, FL 34787

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PLAN INDEX

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
47	ROADWAY SOIL SURVEY

DUANE K. BOOTH
No.44631
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

Duane K Booth

Digitally signed by Duane K Booth
DN: cn=Duane K Booth, c=US, o=Unaffiliated, ou=A01410D00000016F67E7E5BB00005E16, email=duanebooth@besandh.com
Date: 2021.11.12 10:24:11 -05'00'

ON THE DATE ADJACENT TO THE SEAL

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BESH HALFF
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778

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PLAN INDEX

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
170 - 204	UTILITY ADJUSTMENT PLAN

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

INTENTIONALLY OMITTED

SHEET NO.
3

SUMMARY OF DRAINAGE STRUCTURES

QTY	STR. NO.	STATION	SIDE	DESCRIPTION	BRLS	STORM AND CROSS DRAIN OPTIONAL TYPE	DITCH BOTTOM INLETS		REMARKS
						ROUND	C	D	
						18"	<10'	<10'	
P	S-1	30+79.48 (C.R. 44)	RT.	DBI	3	19.0		1	CONNECT TO 2 EXIST. PIPES
F									
P	S-2	31+02.64 (C.R. 44)	RT.	DBI	1	2.0	1		
F									

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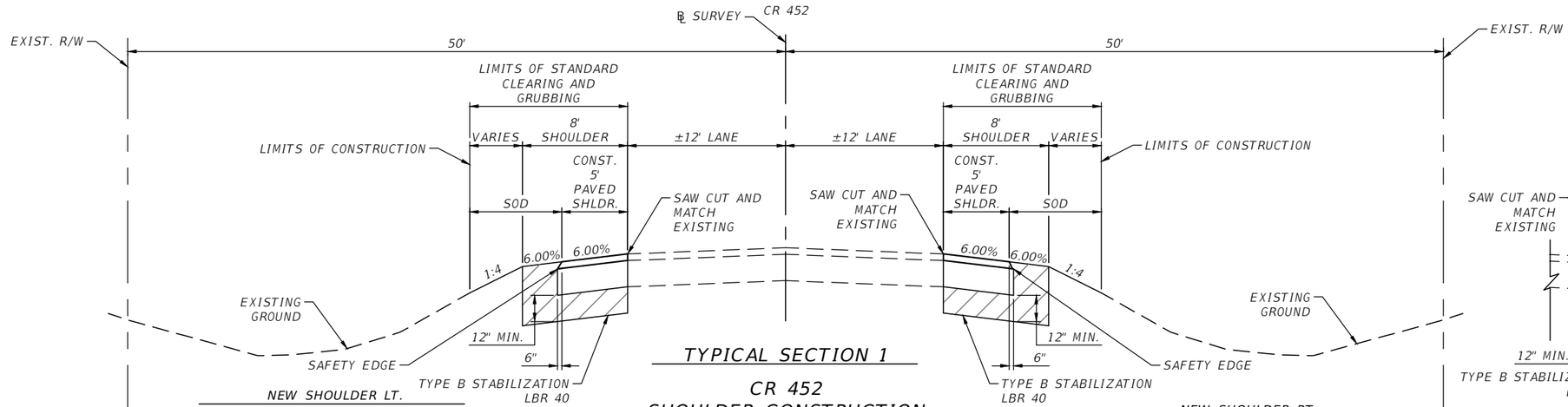


TYPICAL SECTION 1

CR 452
SHOULDER CONSTRUCTION

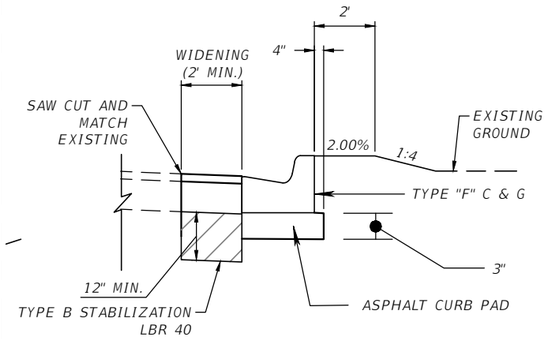
OPTIONAL BASE GROUP 9 (98% COMPACTION, PRIME AND SANDED) WITH
STRUCTURAL COURSE SP-12.5 (TRAFFIC C) (PG 76-22) (2.5")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (1")

NEW SHOULDER LT.

STA. 12+99.32 TO STA. 14+09.47
STA. 14+83.62 TO STA. 15+41.33
STA. 40+59.12 TO STA. 49+20.64
STA. 73+60.00 TO STA. 87+60.00
STA. 118+05.00 TO STA. 141+77.64
STA. 142+27.03 TO STA. 150+97.21
STA. 207+51.36 TO STA. 224+00.00
STA. 285+50.00 TO STA. 295+25.63
STA. 296+07.89 TO STA. 300+00.00
STA. 317+49.78 TO STA. 347+00.00
STA. 429+00.00 TO STA. 465+14.89
STA. 465+97.30 TO STA. 485+36.69

NEW SHOULDER RT.

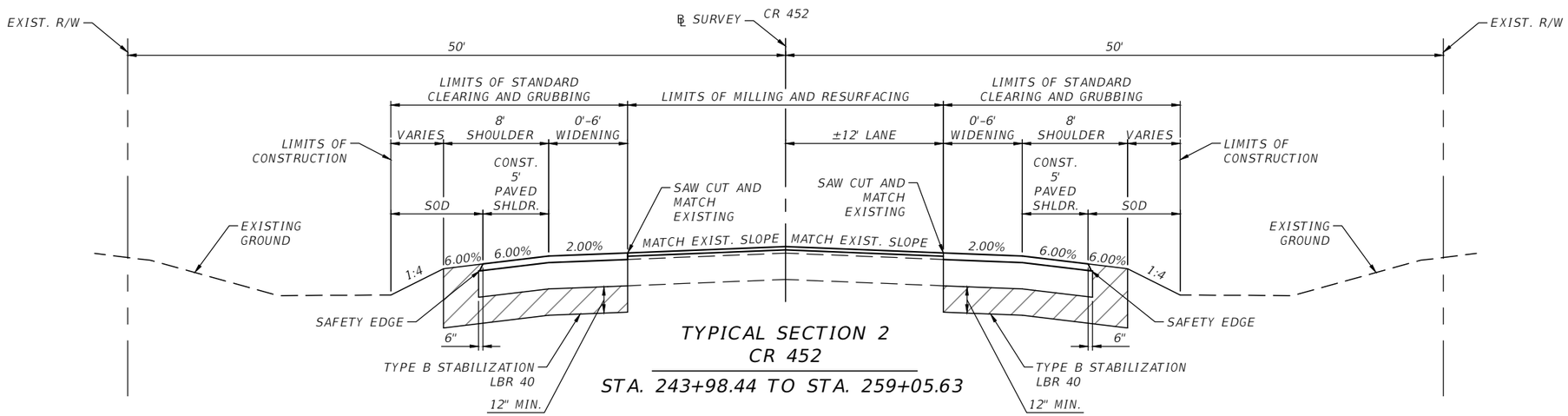
STA. 13+75.06 TO STA. 14+18.15
STA. 36+85.81 TO STA. 43+70.84
STA. 44+37.04 TO STA. 49+20.64
STA. 73+60.00 TO STA. 87+60.00
STA. 118+04.28 TO STA. 141+78.40
STA. 142+31.54 TO STA. 150+97.74
STA. 209+97.83 TO STA. 224+00.00
STA. 285+50.00 TO STA. 300+00.00
STA. 317+49.78 TO STA. 347+00.00
STA. 429+00.00 TO STA. 465+42.35
STA. 465+66.16 TO STA. 485+34.29



ASPHALT CURB PAD DETAIL

STA. 14+92.62 TO STA. 15+55.59

NOTE: COST OF ASPHALT PAD TO BE INCLUDED IN THE COST OF CURB.



TYPICAL SECTION 2
CR 452

STA. 243+98.44 TO STA. 259+05.63

WIDENING & SHOULDER PAVEMENT

OPTIONAL BASE GROUP 9 (2 LIFTS, 98% COMPACTION, PRIME AND SANDED) WITH
STRUCTURAL COURSE SP-12.5 (TRAFFIC C) (PG 76-22) (2.5")
AND FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (1")

MILLING

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1" AVG. DEPTH)

RESURFACING

FRICTION COURSE FC-9.5 (TRAFFIC C) (PG 76-22) (1")

POSTED SPEED: 55 MPH
DESIGN SPEED: 55 MPH

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL — REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

TYPICAL SECTIONS

SHEET NO. 5

GENERAL NOTES:

1. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:
   Ronnie A. Figueroa, PSM, GISP, MBA
   PSM No.: TBD
   Booth, Ern, Straughan & Hiott, Inc.
   902 North Sinclair Avenue, Tavares, Florida 32778
   Certificate of Authorization: TBD

2. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE BASED ON THE FOLLOWING NATIONAL GEODETIC SURVEY BENCHMARKS:
   BENCHMARK LK20 ELEVATION = 65.08'
   BENCHMARK LK31 ELEVATION = 68.59'
   BENCHMARK V425 ELEVATION = 62.39'

3. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv,Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

4. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

5. UTILITY / AGENCY OWNERS:

	CONTACT	TELEPHONE NUMBERS
DUKE DISTRIBUTION	GONZALO GUILLEN – Gonzalo.Guillen@duke-energy.com	(407) 464-1281
DUKE TRANSMISSION	SCOTT VENVELZOR – DEFTransmissionGOV@duke-energy.com	(813) 909-1241
TECO PEOPLES GAS	BRUCE STOUT – bstout@tecoenergy.com	(407) 420-2678
FLORIDA GAS TRANSMISSION CO.	JOSEPH SANCHEZ – Joseph.E.Sanchez@energytransfer.com	(407) 808-4607
CITY OF EUSTIS	PAUL SHEPHERD – shepherdp@ci.eustis.fl.us	(352) 357-5618
COMCAST	SCOTT OSEBOLD – Scott_osebold@comcast.com	(352) 267-7620

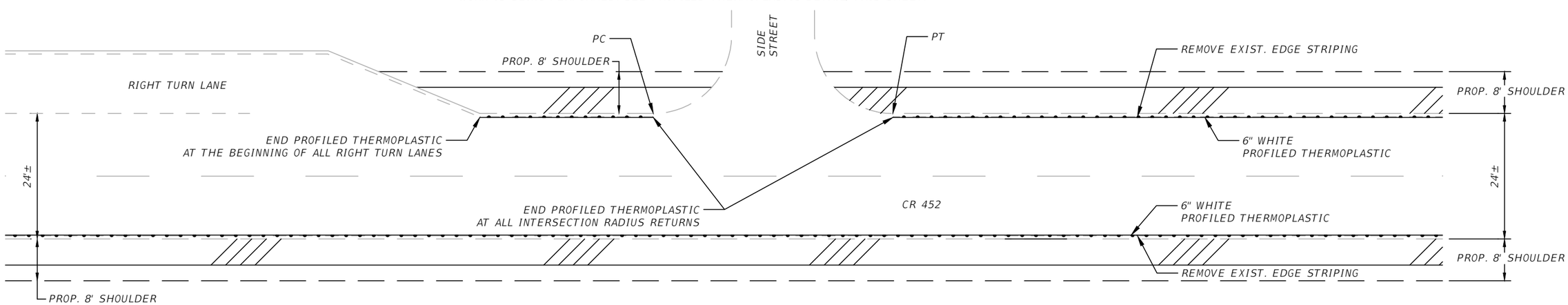
6. ANY ROAD AND/OR LANE CLOSURES REQUIRE SEPARATE PLAN REVIEW AND REQUIRE A 7-DAY ADVANCE NOTICE.

7. PROPOSED CONSTRUCTION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA), THE ADA COMPLIANCE HANDBOOK, LATEST EDITION, AND THE FLORIDA ACCESSIBILITY CODE.

8. EXISTING SIGNS TO REMAIN UNLESS OTHERWISE NOTED.

9. THE USFWS STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE WILL BE IMPLEMENTED DURING CONSTRUCTION.

10. REMOVE EXISTING WHITE EDGE STRIPING AND REPLACE WITH 6" WHITE PROFILED THERMOPLASTIC FOR THE ENTIRE PROJECT LENGTH, INCLUDING TANGENTS WHERE NO OTHER WORK IS BEING PERFORMED. SEE PROFILED THERMOPLASTIC DETAIL, THIS SHEET.



PROFILED THERMOPLASTIC DETAIL
N.T.S.

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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
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TAVARES, FL 32778

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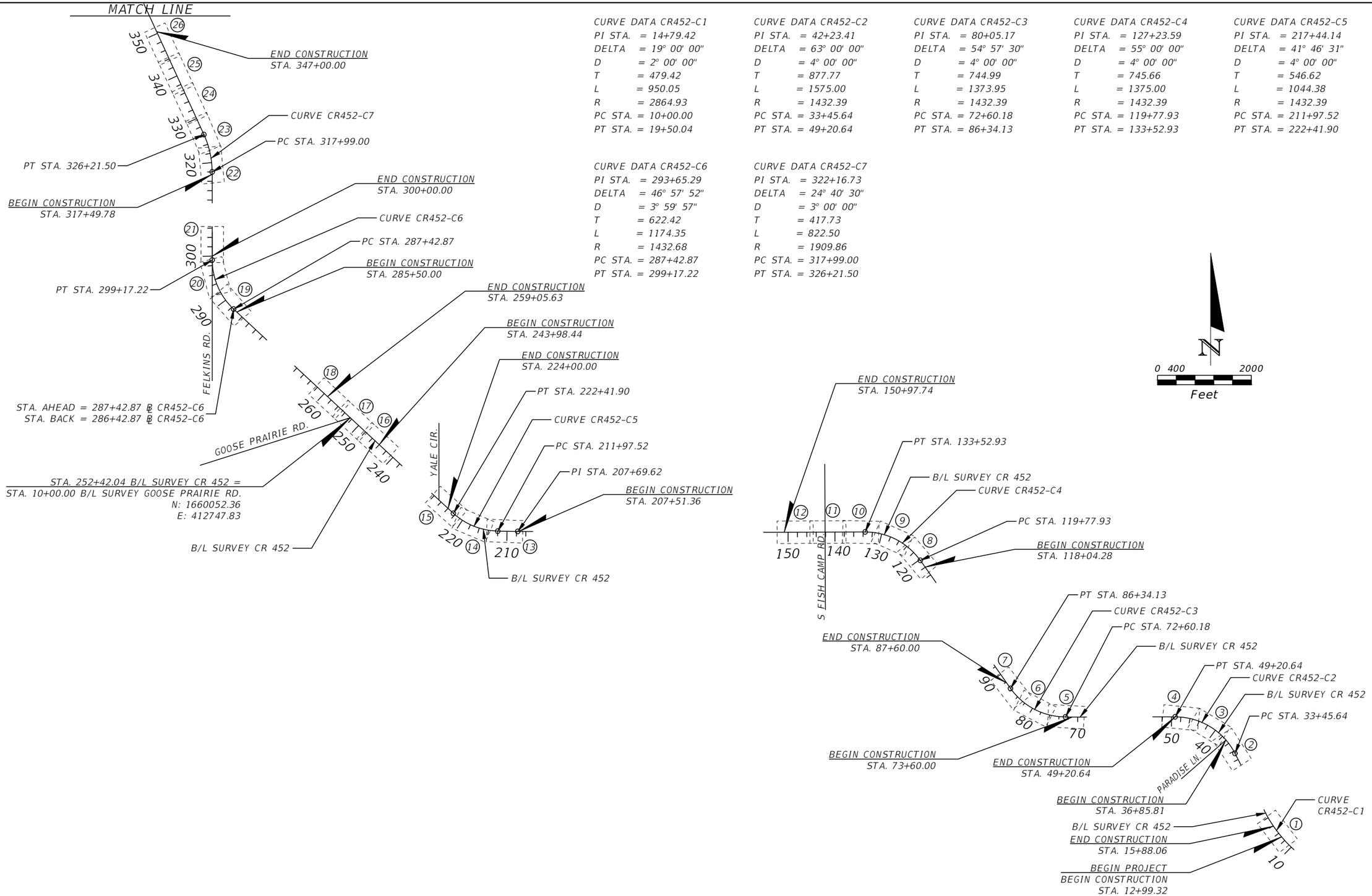
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

GENERAL NOTES

SHEET NO.
6



CURVE DATA CR452-C1
PI STA. = 14+79.42
DELTA = 19° 00' 00"
D = 2° 00' 00"
T = 479.42
L = 950.05
R = 2864.93
PC STA. = 10+00.00
PT STA. = 19+50.04

CURVE DATA CR452-C2
PI STA. = 42+23.41
DELTA = 63° 00' 00"
D = 4° 00' 00"
T = 877.77
L = 1575.00
R = 1432.39
PC STA. = 33+45.64
PT STA. = 49+20.64

CURVE DATA CR452-C3
PI STA. = 80+05.17
DELTA = 54° 57' 30"
D = 4° 00' 00"
T = 744.99
L = 1373.95
R = 1432.39
PC STA. = 72+60.18
PT STA. = 86+34.13

CURVE DATA CR452-C4
PI STA. = 127+23.59
DELTA = 55° 00' 00"
D = 4° 00' 00"
T = 745.66
L = 1375.00
R = 1432.39
PC STA. = 119+77.93
PT STA. = 133+52.93

CURVE DATA CR452-C5
PI STA. = 217+44.14
DELTA = 41° 46' 31"
D = 4° 00' 00"
T = 546.62
L = 1044.38
R = 1432.39
PC STA. = 211+97.52
PT STA. = 222+41.90

CURVE DATA CR452-C6
PI STA. = 293+65.29
DELTA = 46° 57' 52"
D = 3° 59' 57"
T = 622.42
L = 1174.35
R = 1432.68
PC STA. = 287+42.87
PT STA. = 299+17.22

CURVE DATA CR452-C7
PI STA. = 322+16.73
DELTA = 24° 40' 30"
D = 3° 00' 00"
T = 417.73
L = 822.50
R = 1909.86
PC STA. = 317+99.00
PT STA. = 326+21.50

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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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P.E. LICENSE NUMBER 60053
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

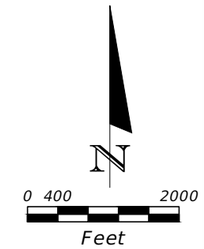
FPID NO. 443511-1-58-01

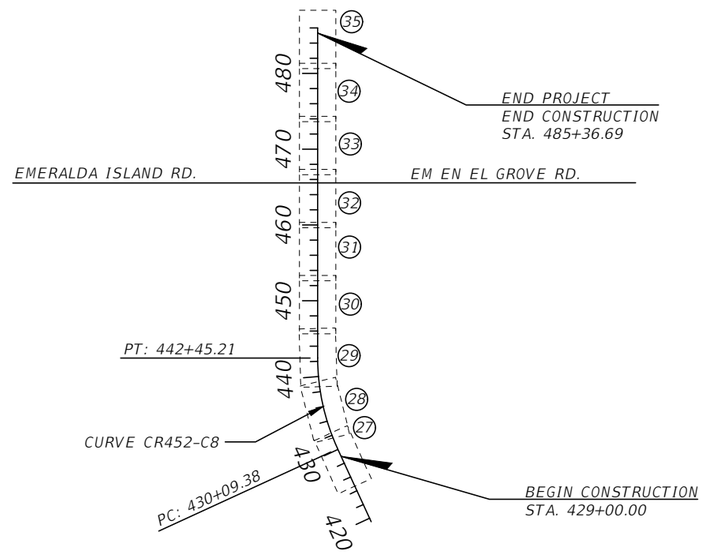
PROJECT LAYOUT (1)

SHEET NO.
7

John Hutchison 2/2/2021 6:59:07 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLAYRD01.dwg

CURVE DATA CR452-C8
PI STA. = 436+37.17
DELTA = 24° 43' 14"
D = 2° 00' 00"
T = 627.79
L = 1236.03
R = 2864.79
PC STA. = 430+09.38
PT STA. = 442+45.41





MATCH LINE

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

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COUNTY ROAD 452
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FPID NO. 443511-1-58-01

PROJECT LAYOUT (2)

SHEET NO.
8

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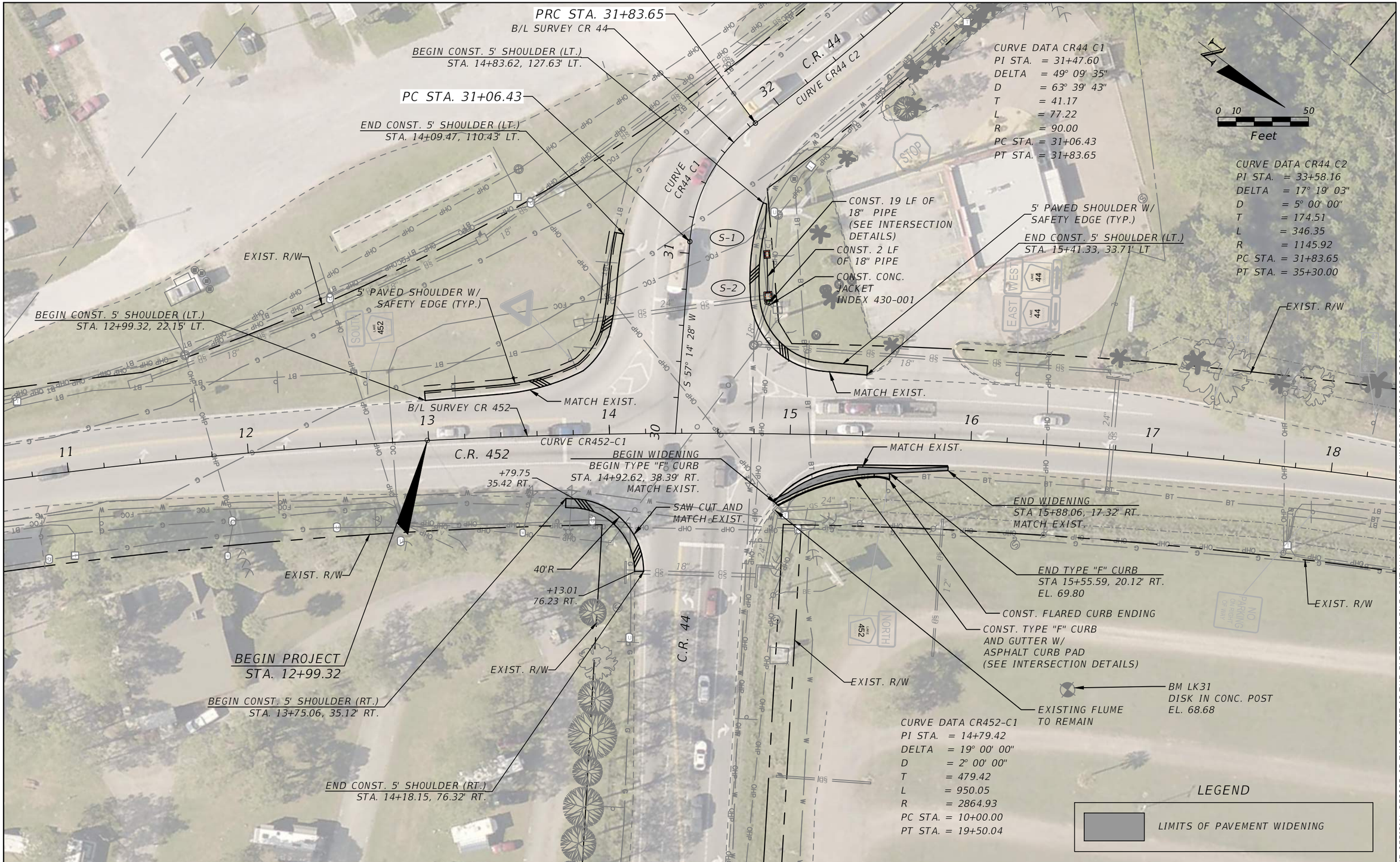

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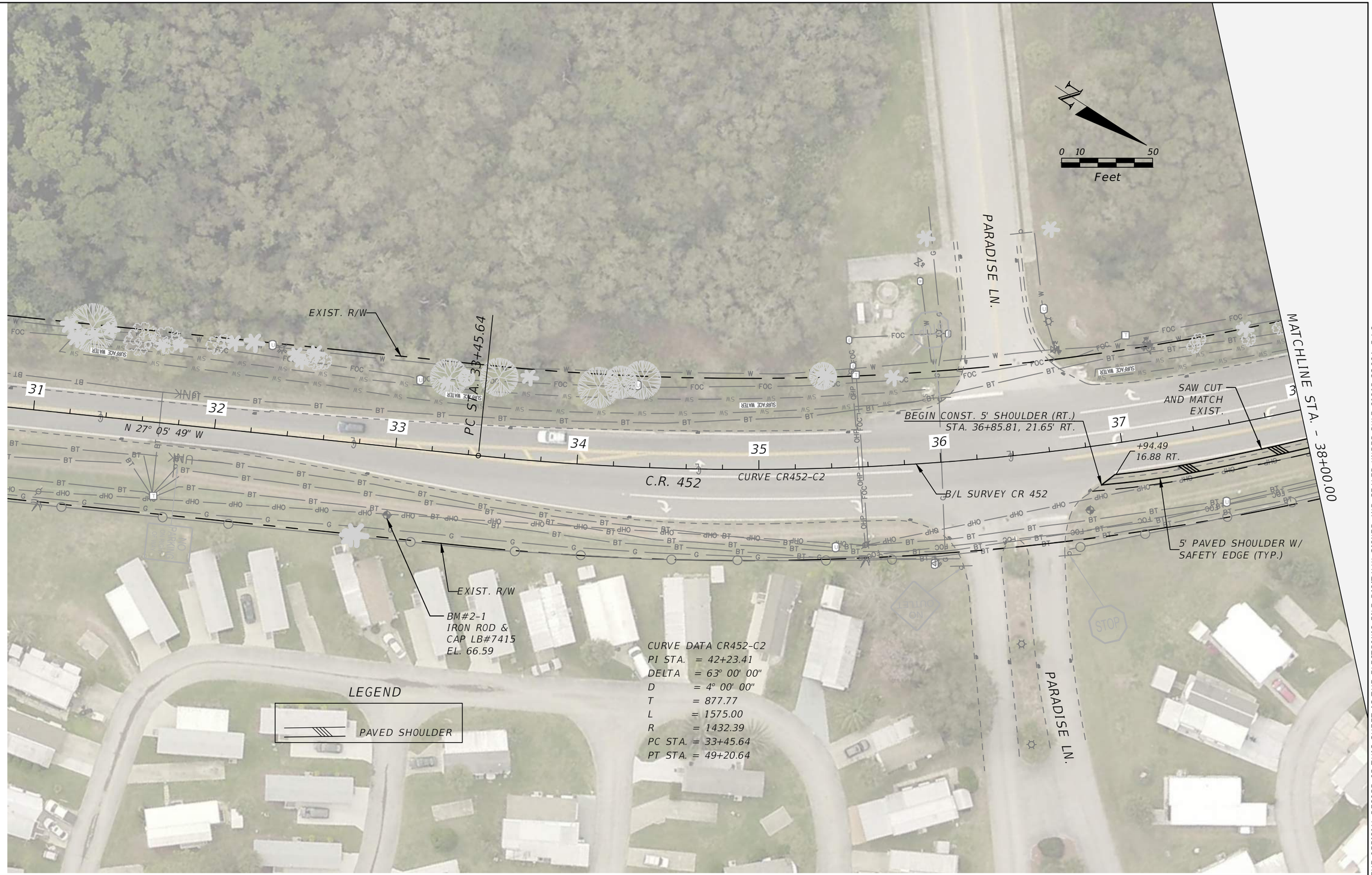
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (1)

SHEET NO.
9

John Hutchison 2/2/2021 7:00:05 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD01.dwg



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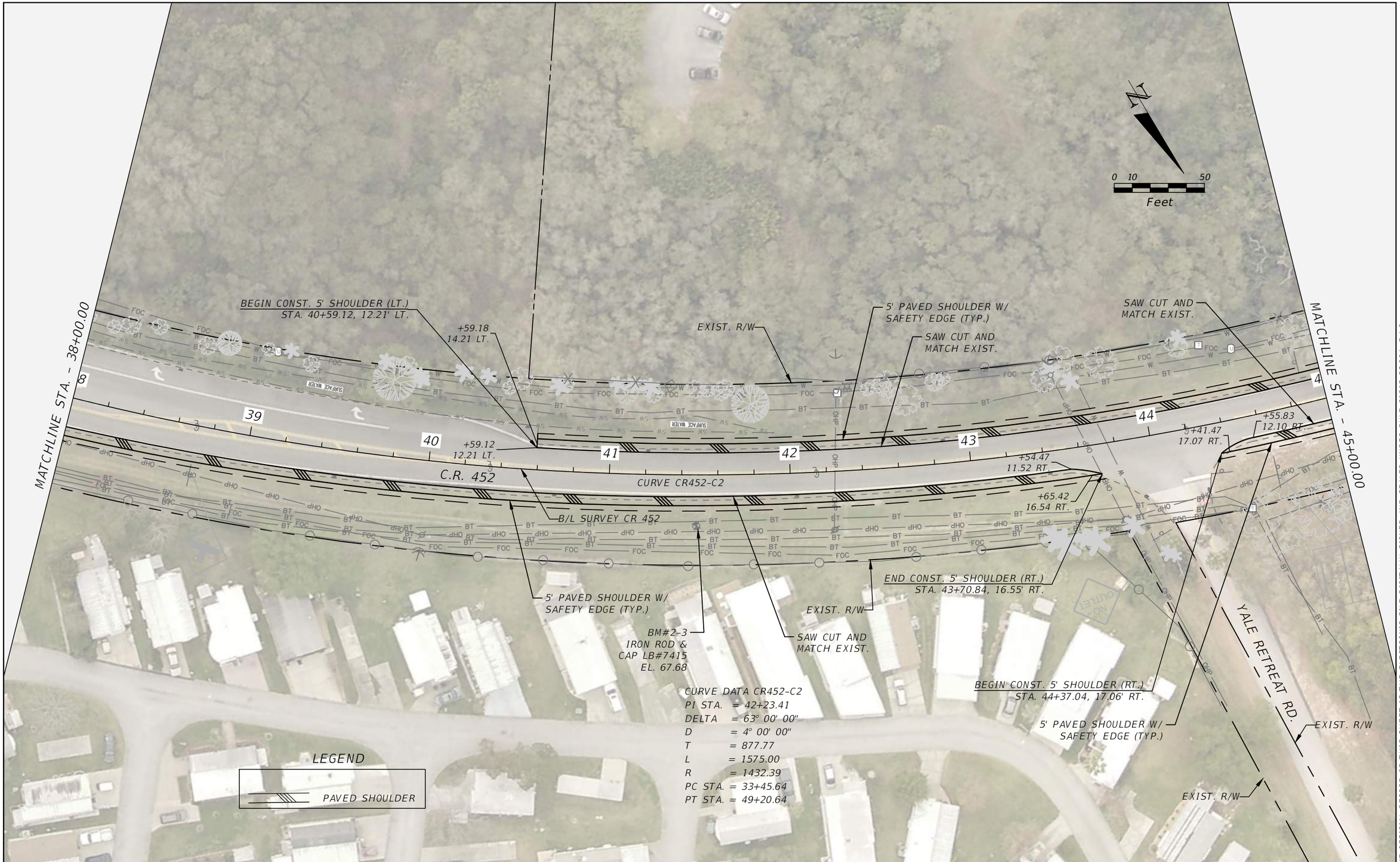
FPID NO. 443511-1-58-01

ROADWAY PLAN (2)

SHEET NO.
10

John Hutchison 2/2/2021 7:02:52 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD02.dwg



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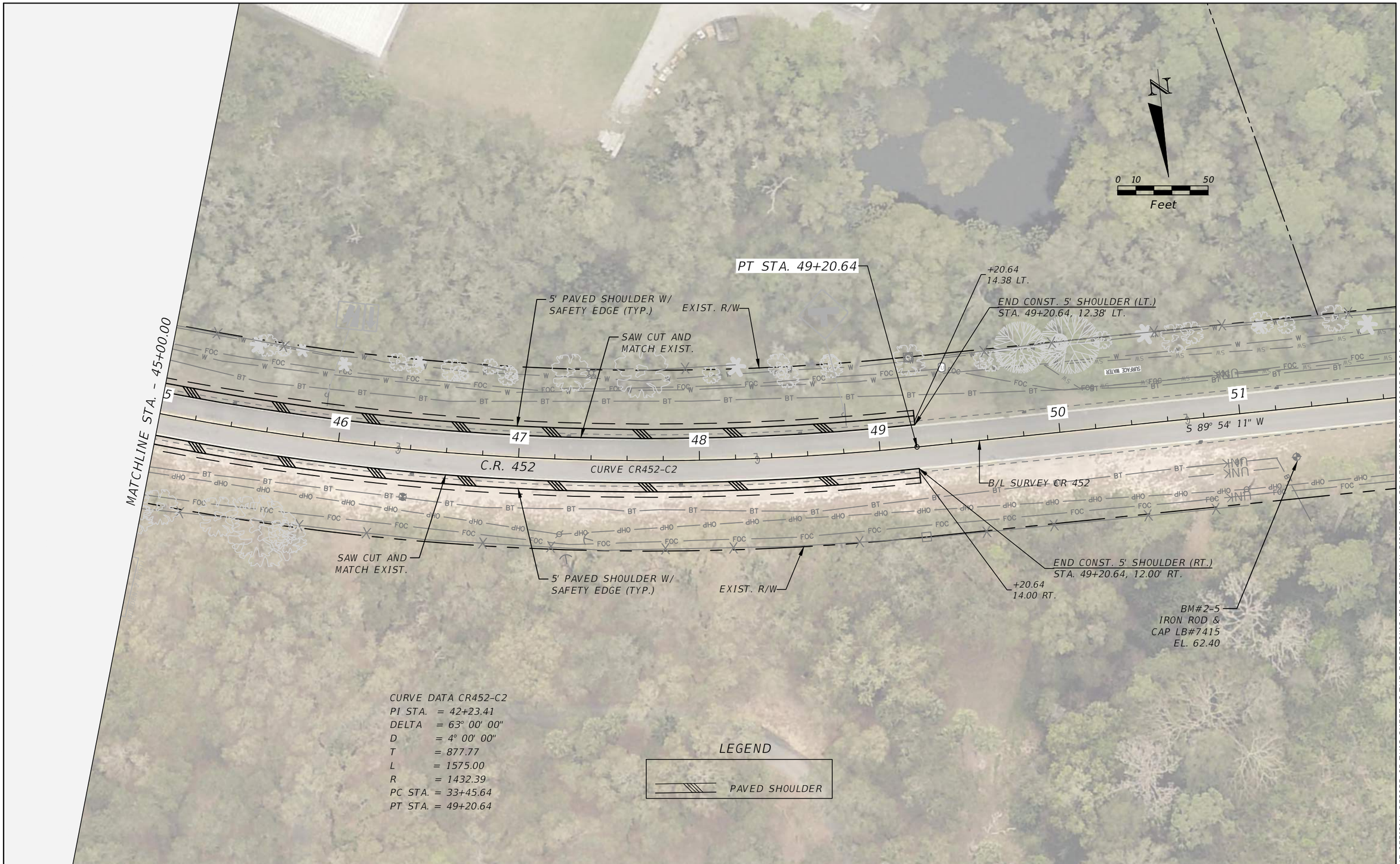
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (3)

SHEET NO.
11

John Hutchison 2/2/2021 7:03:03 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD02.dwg



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LAKE COUNTY, FL
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LAKE COUNTY
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TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (4)

SHEET NO.
12

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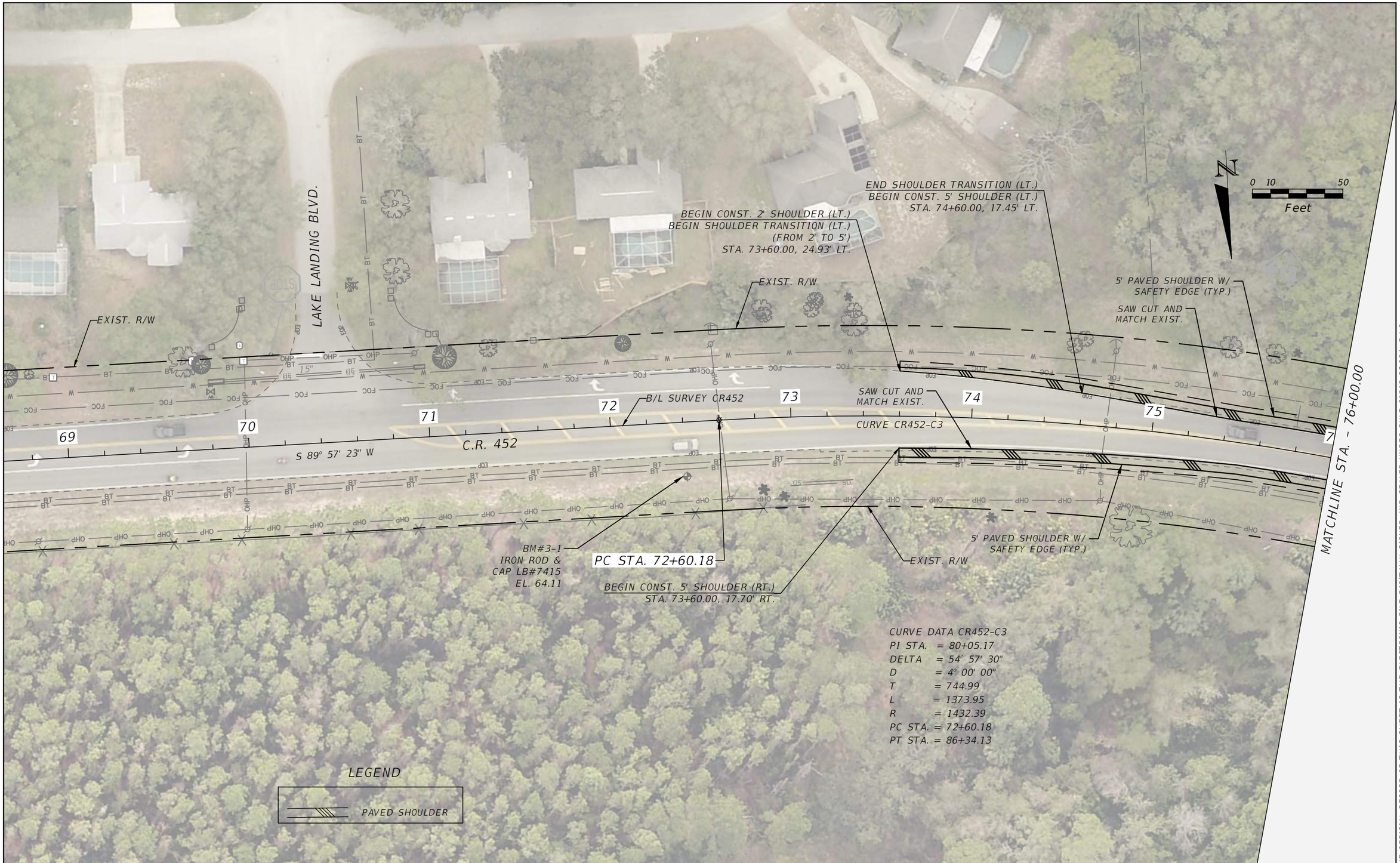

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (5)

SHEET NO.
13

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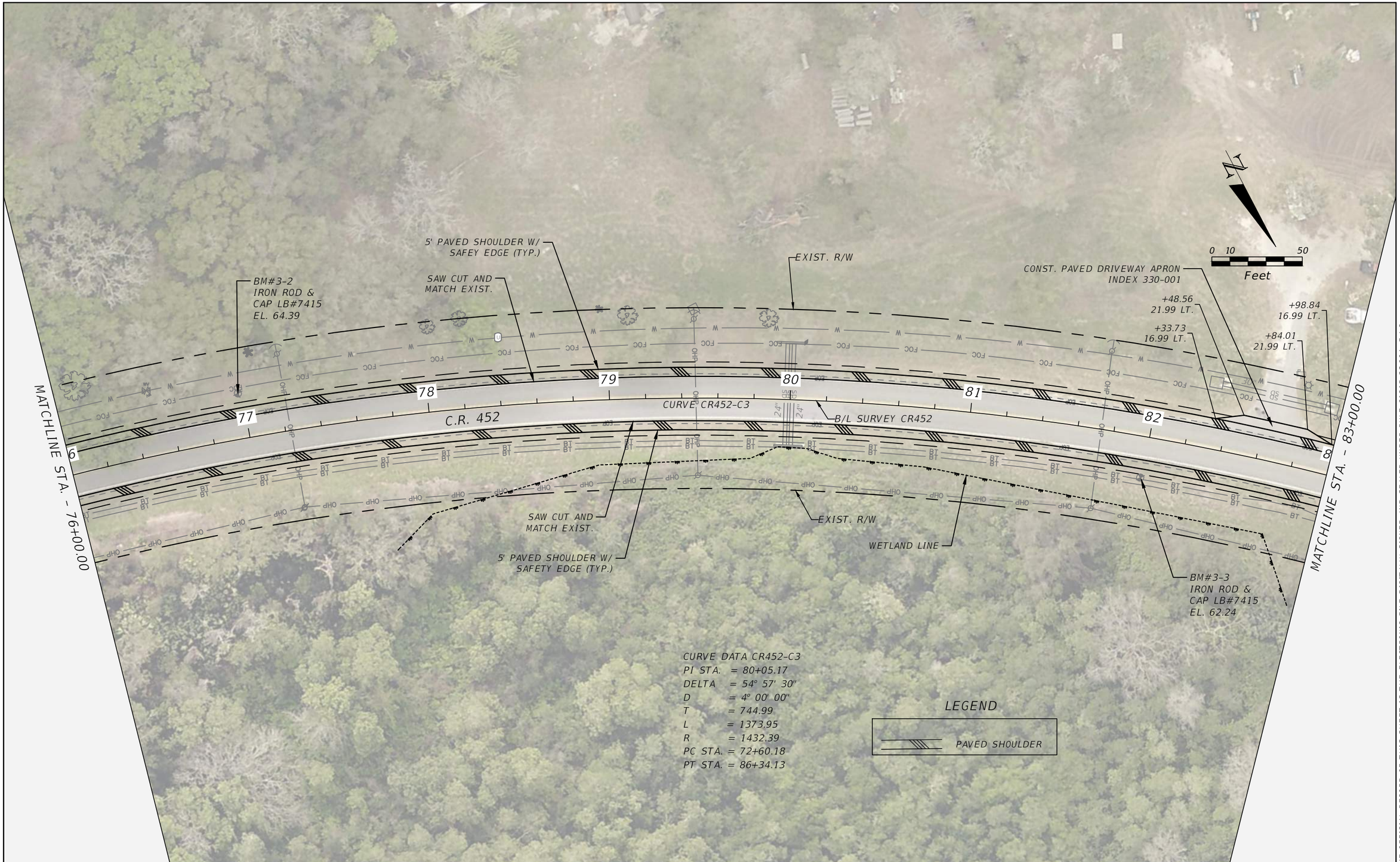

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (6)

SHEET NO.
14

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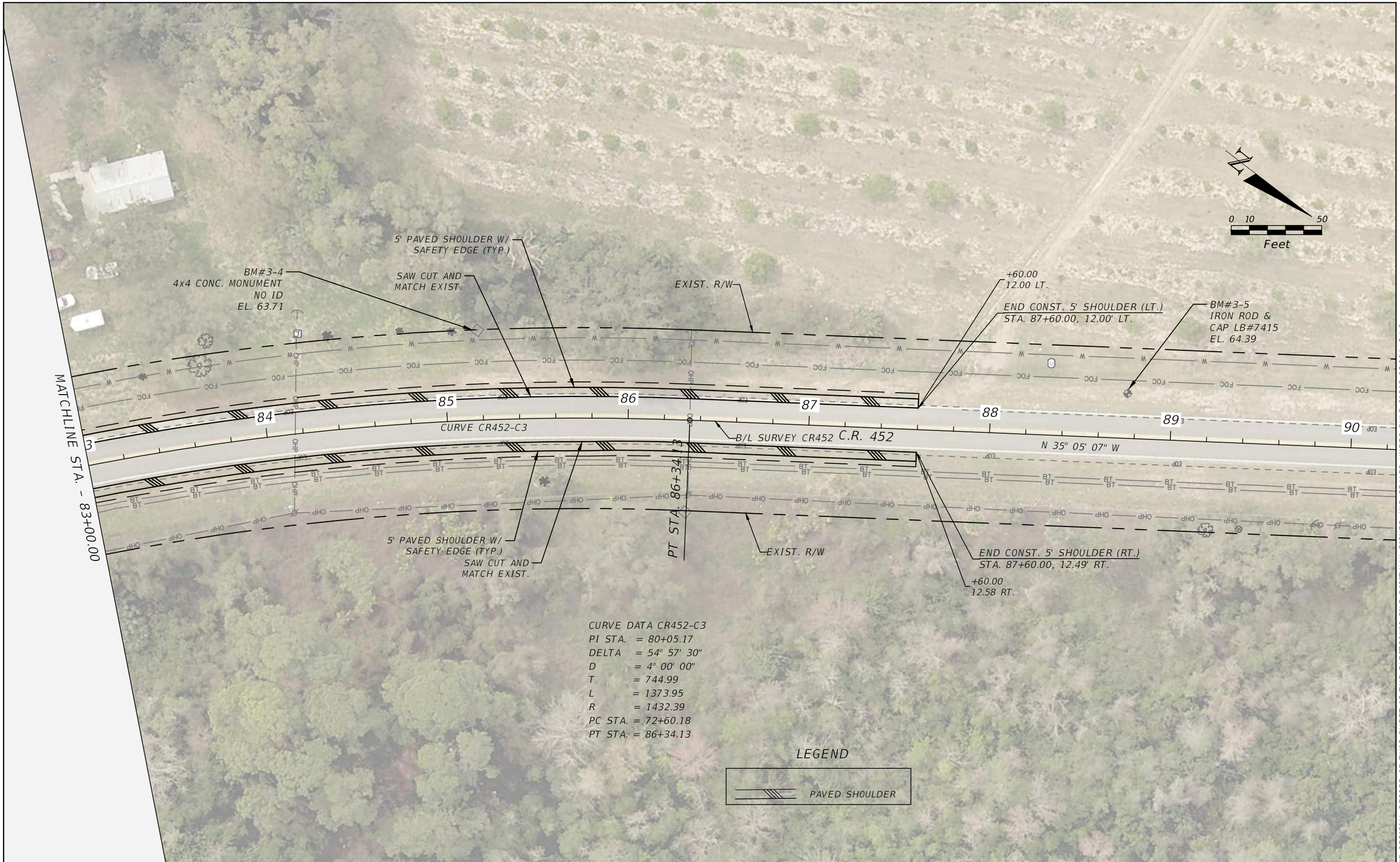

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (7)

SHEET NO.
15

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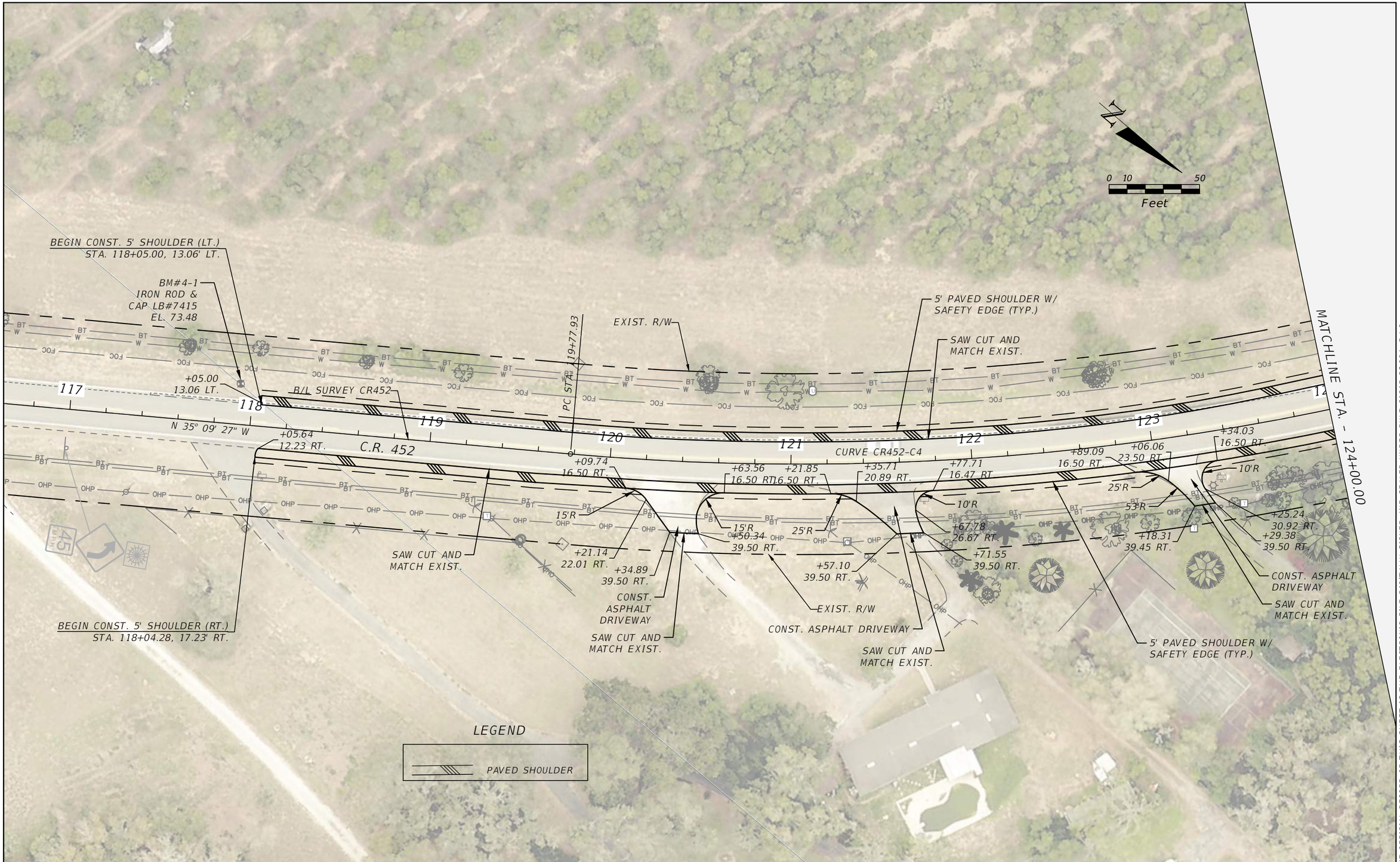

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (8)

SHEET NO.
16

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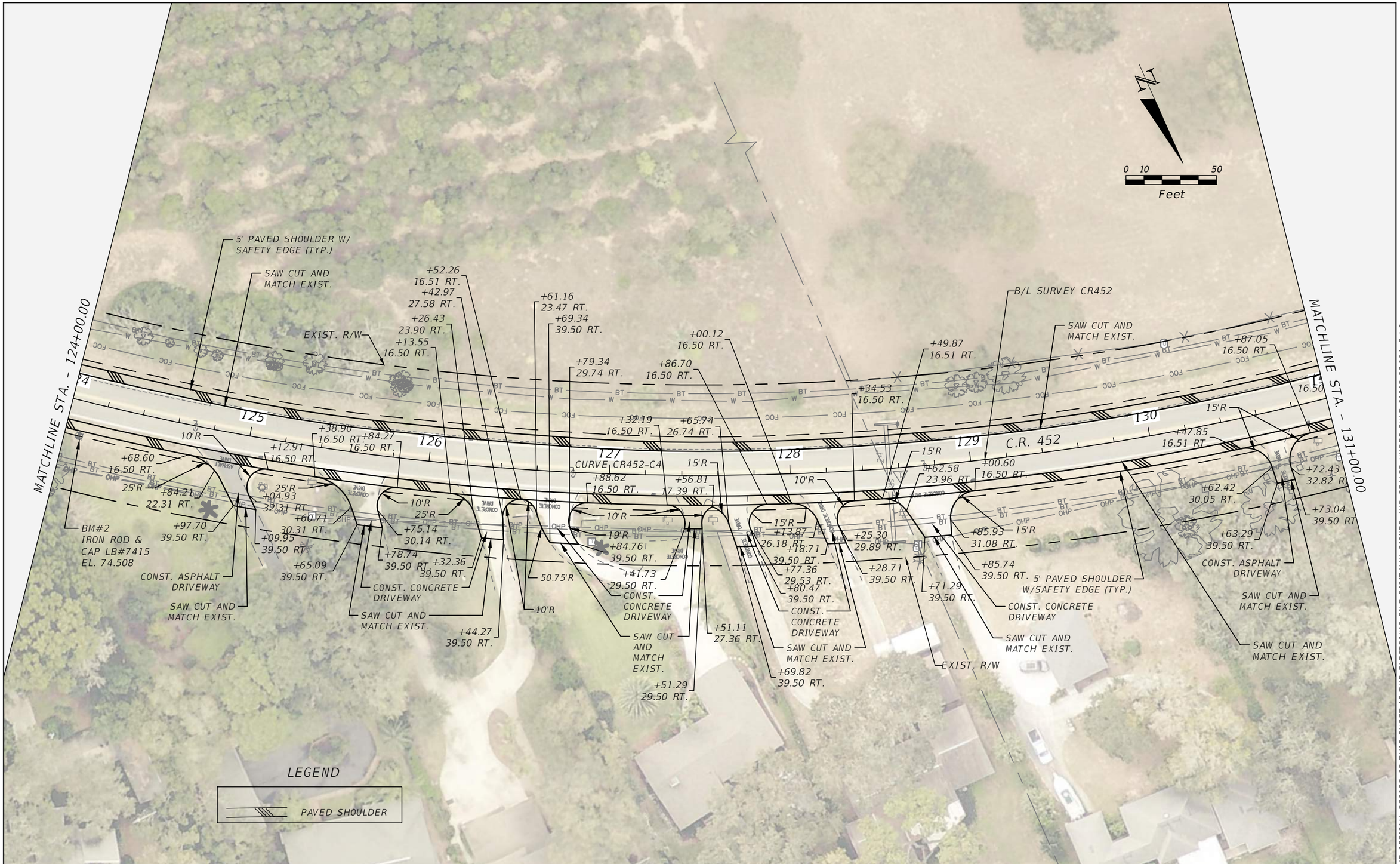

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315 WEST MAIN STREET
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (9)

SHEET NO.
17

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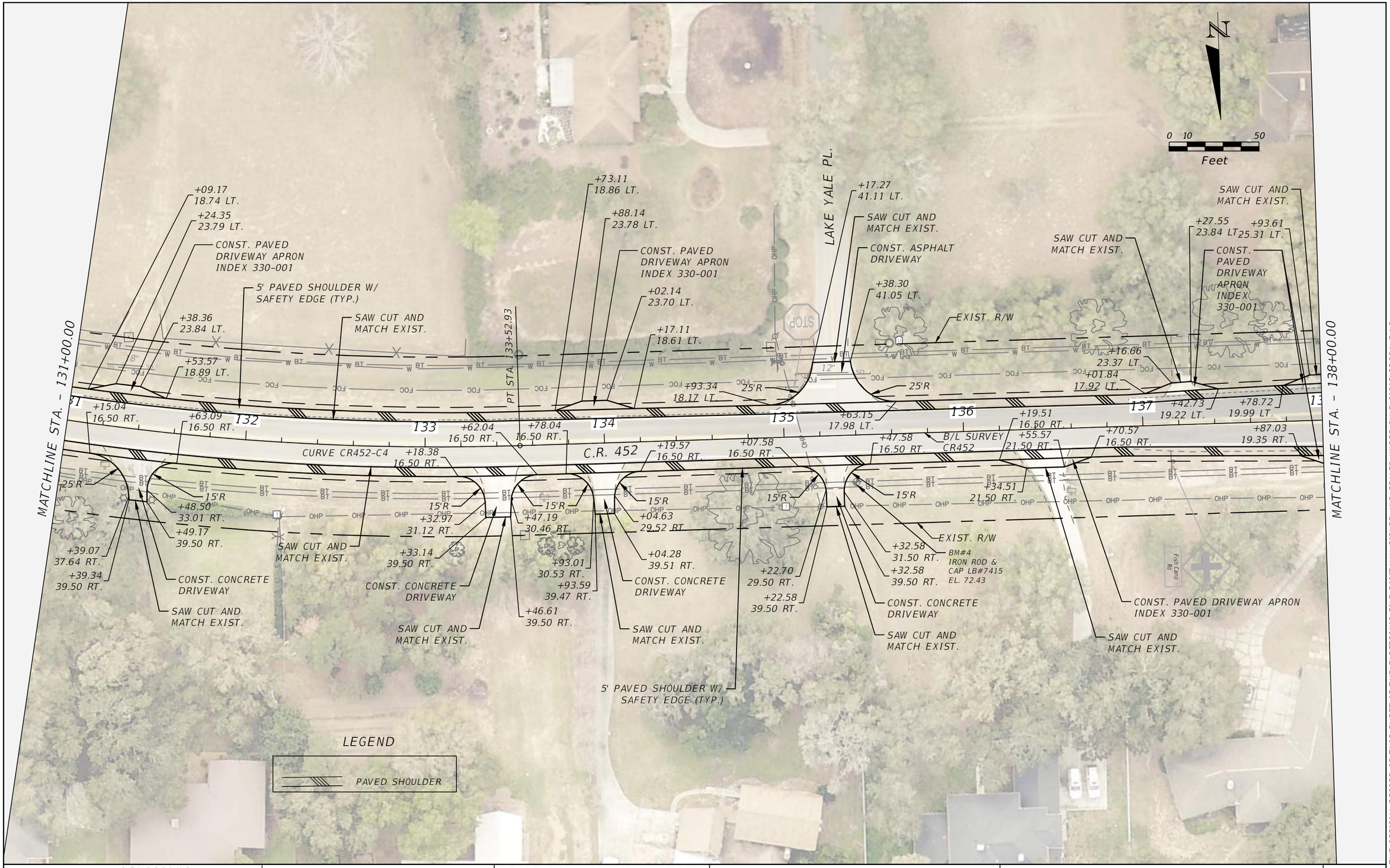

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (10)

SHEET NO.
18

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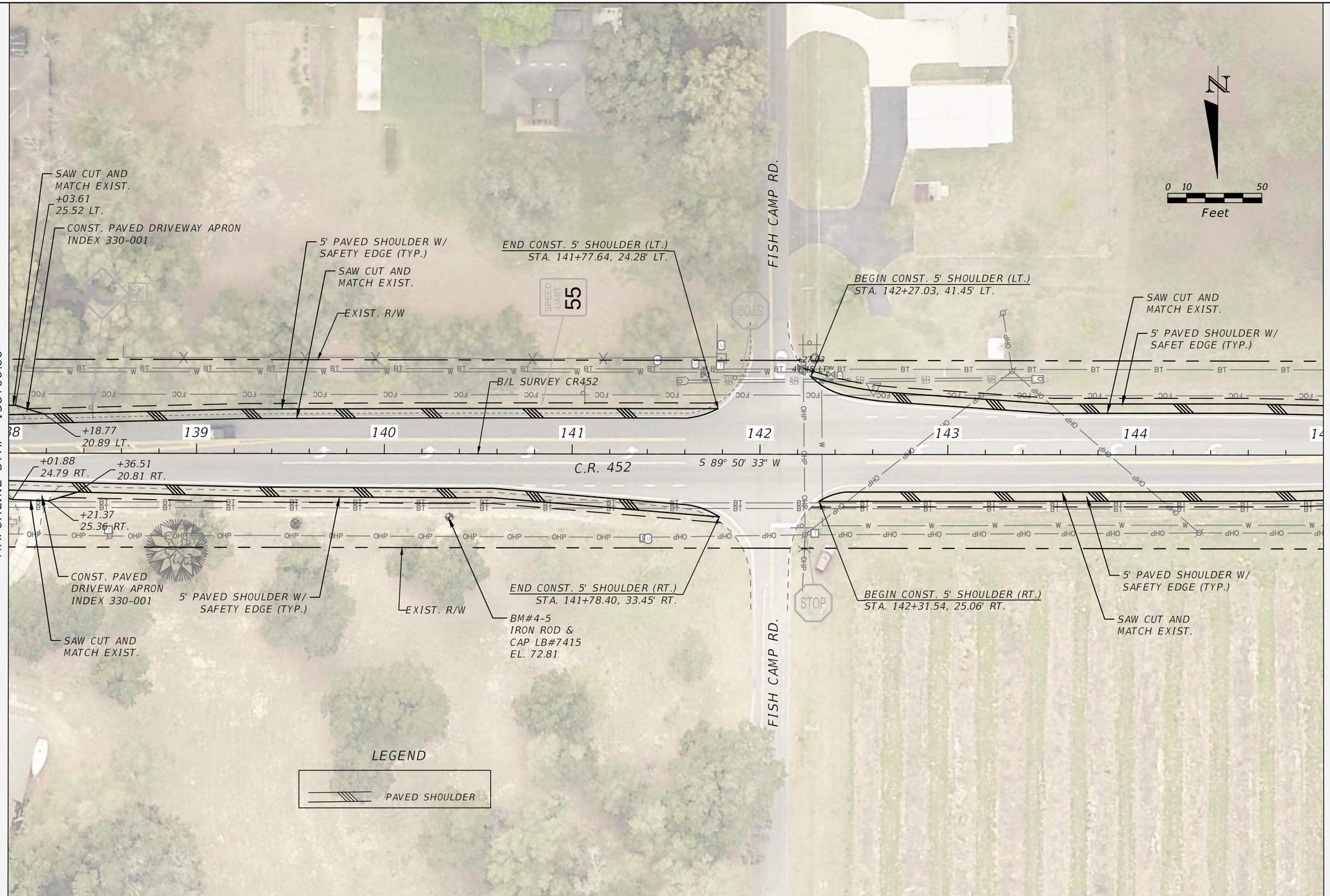

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (11)

SHEET NO.
19

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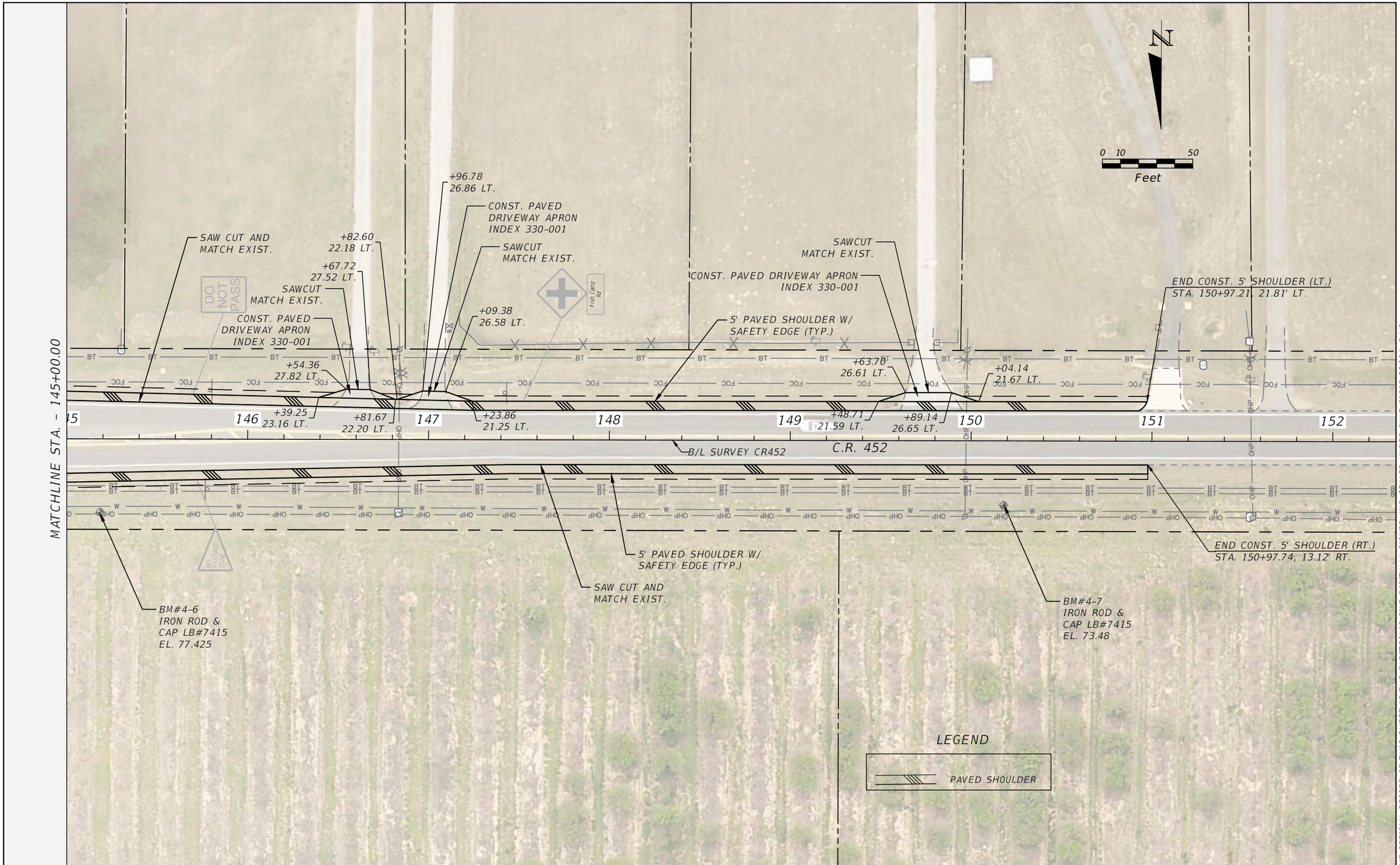

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (12)

SHEET NO.
20

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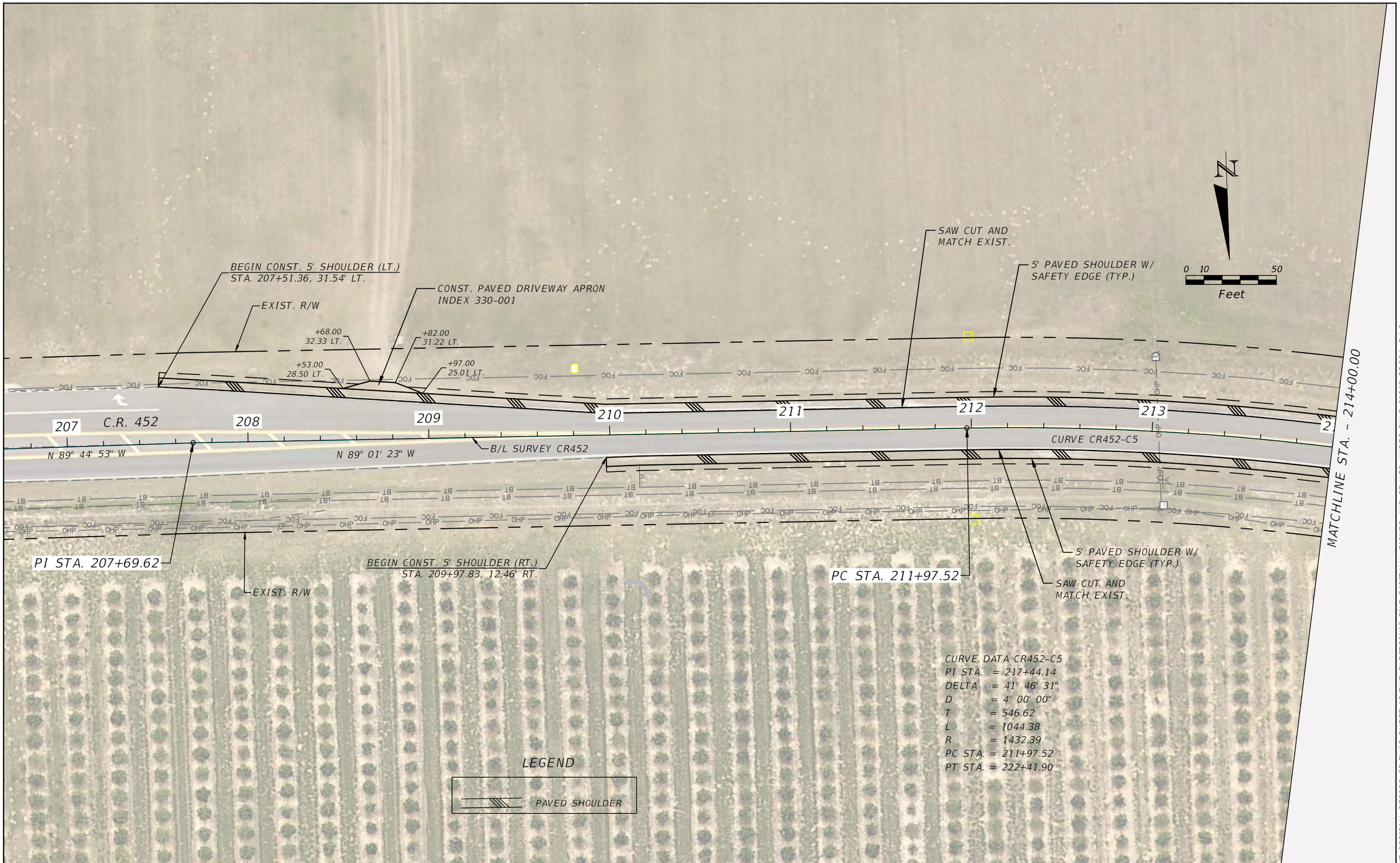

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (13)

SHEET NO.
21

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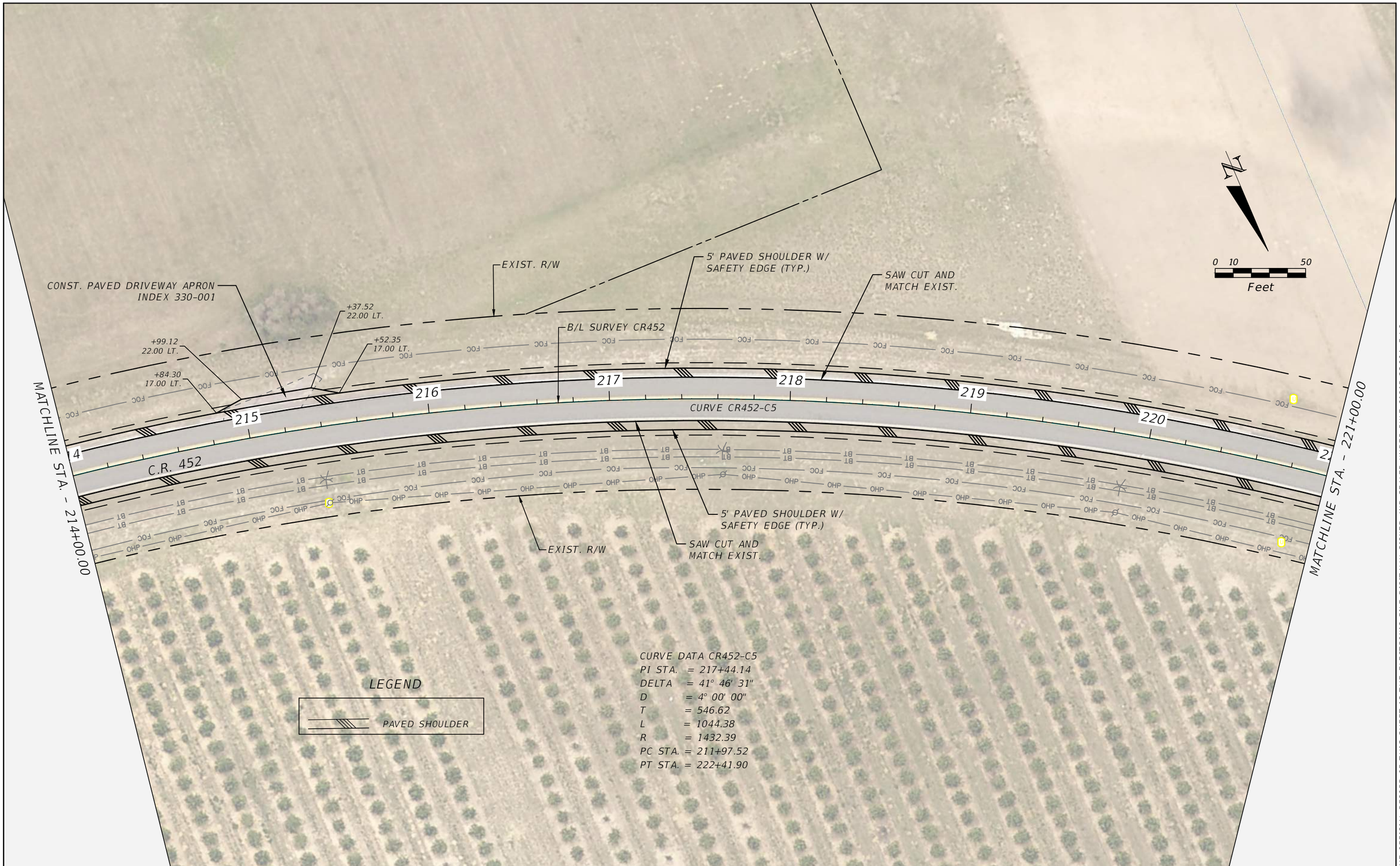

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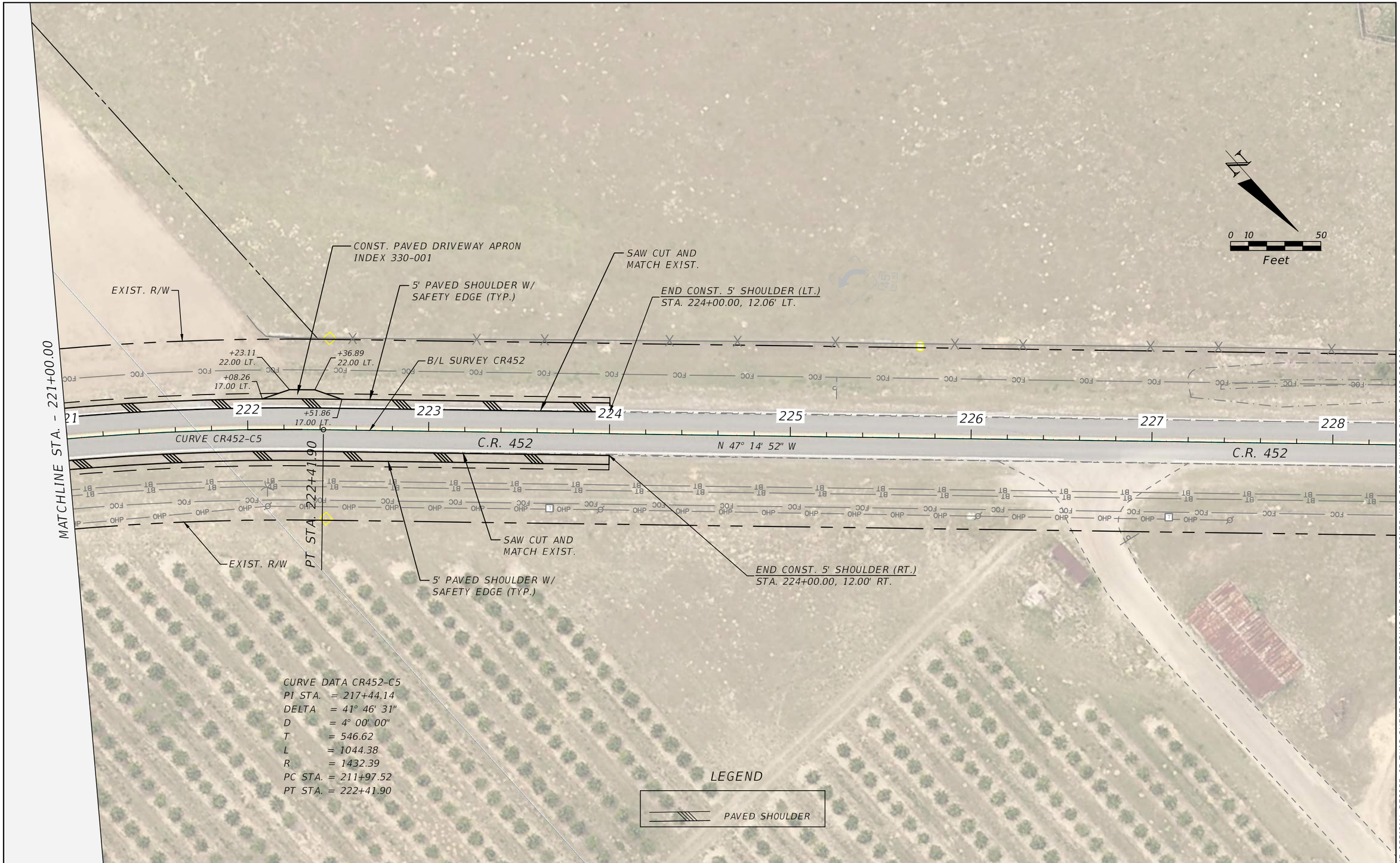
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (14)

SHEET NO.
22

John Hutchison 2/2/2021 7:18:17 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD05.dwg



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LAKE COUNTY, FL
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315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (15)

SHEET NO.
23

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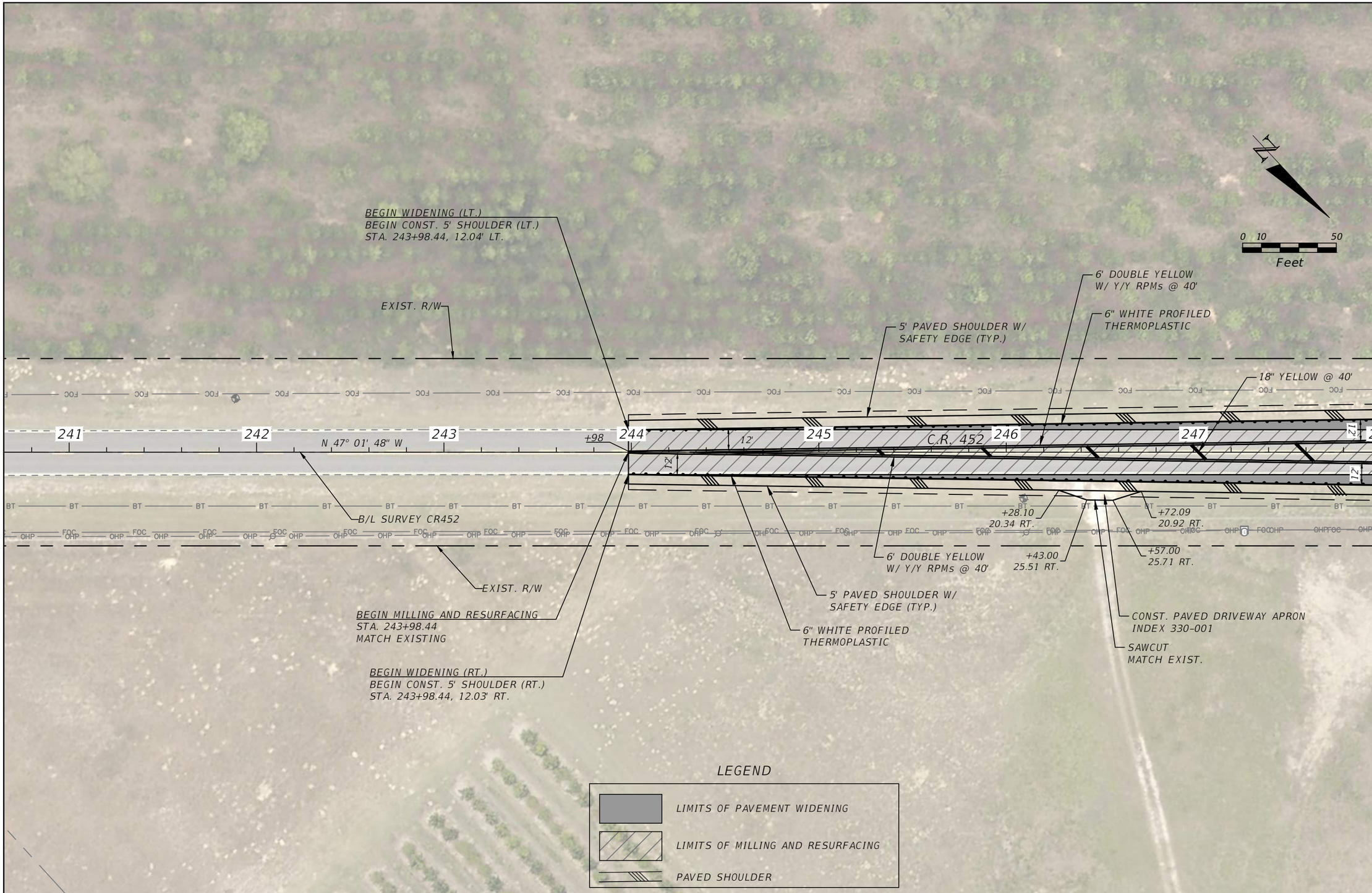

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LAKE COUNTY, FL
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315 WEST MAIN STREET
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BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

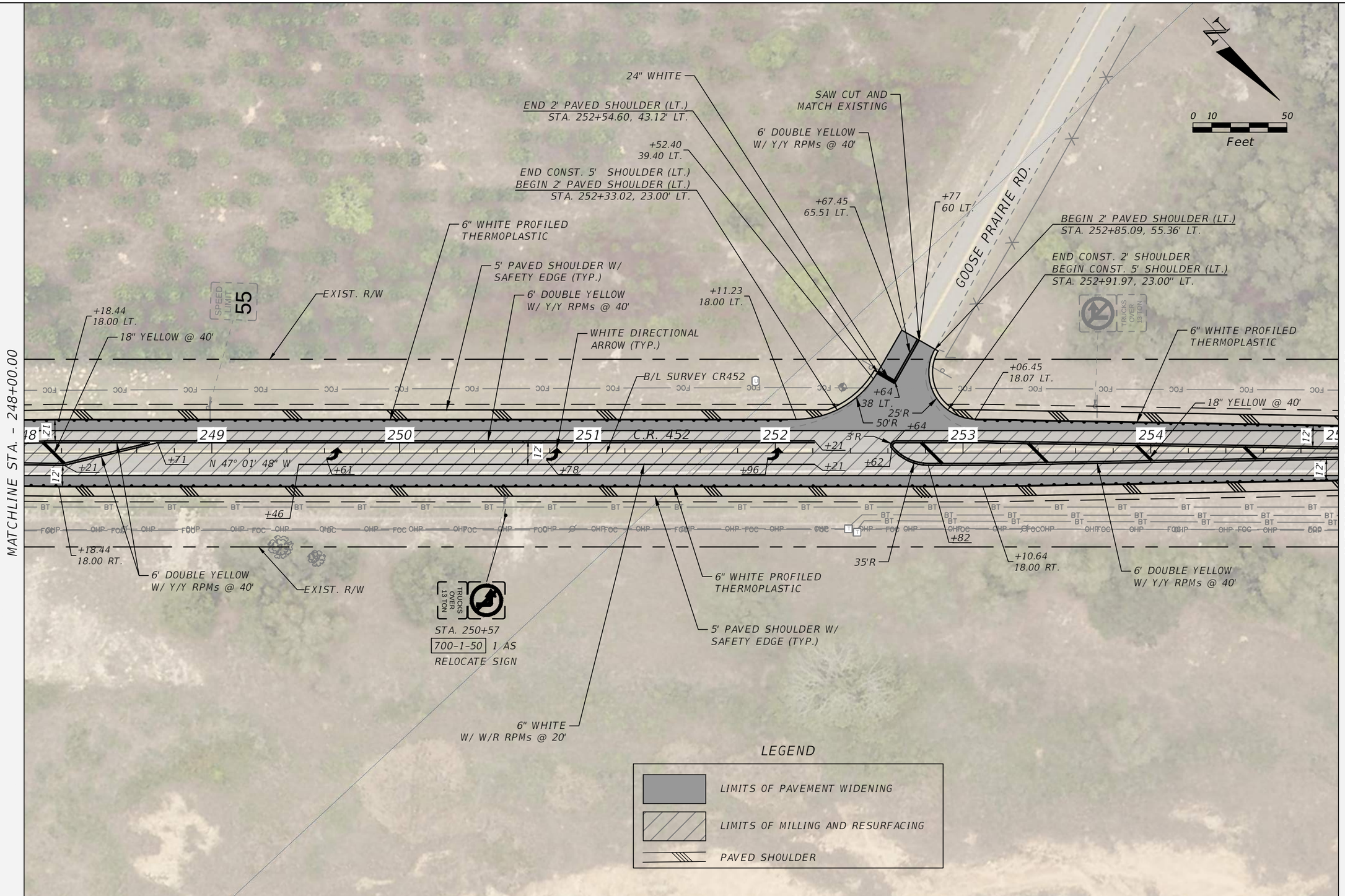
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (16)

SHEET NO.
24

John Hutchison 2/2/2021 7:19:25 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD06.dwg



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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (17)

SHEET NO.
25

John Hutchison 2/4/2021 9:12:35 AM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD06.dwg

MATCHLINE STA. - 255+00.00

18" YELLOW @ 40'

6' DOUBLE YELLOW W/ Y/Y RPMs @ 40'

5' PAVED SHOULDER W/ SAFETY EDGE (TYP.)

6" WHITE PROFILED THERMOPLASTIC

EXIST. R/W

6' DOUBLE YELLOW W/ Y/Y RPMs @ 40'

END CONST. 5' SHOULDER (LT.)
STA. 259+05.63, 11.98' LT.

END MILLING AND RESURFACING
STA. 259+05.63
MATCH EXISTING

0 10 50
Feet

255 256 +59 257 258 259 260 261 262

12' 12' 12'

B/L SURVEY CR452

N 47° 01' 48" W

C.R. 452

6" WHITE

5' PAVED SHOULDER W/ SAFETY EDGE (TYP.)

EXIST. R/W

END CONST. 5' SHOULDER (RT.)
STA. 259+05.63, 23.90' RT.

END WIDENING (RT.)
STA. 256+58.60, 11.99' RT.

6" WHITE PROFILED THERMOPLASTIC

MAYWOOD BAY DR.

LEGEND

LIMITS OF PAVEMENT WIDENING

LIMITS OF MILLING AND RESURFACING

PAVED SHOULDER

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BURGESS & NIPLE
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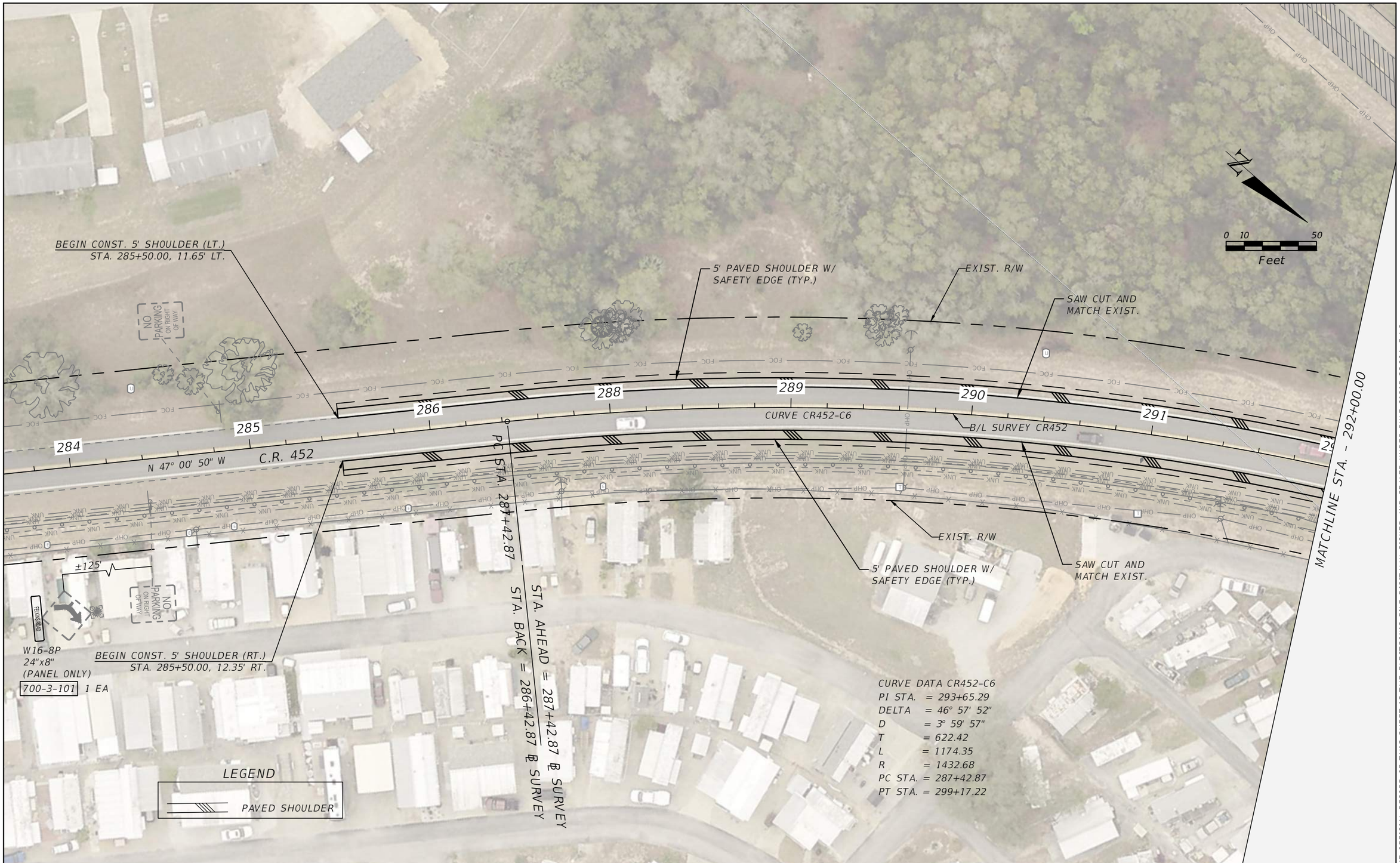
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (18)

SHEET NO.
26

John Hutchison 2/2/2021 7:19:47 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD06.dwg



REVISIONS	
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LAKE COUNTY, FL
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315 WEST MAIN STREET
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (19)

SHEET NO.
27

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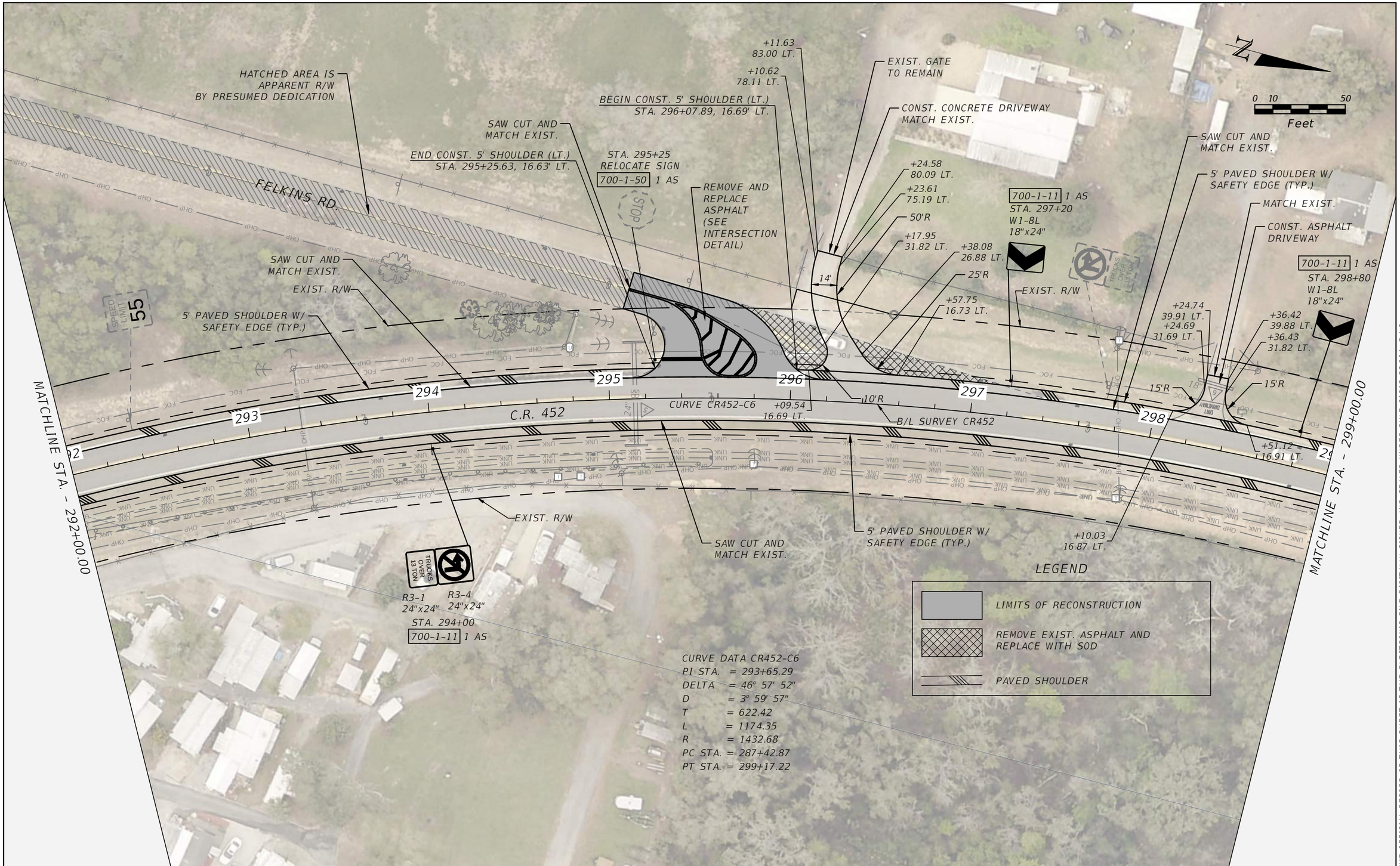

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (20)

SHEET NO.
28

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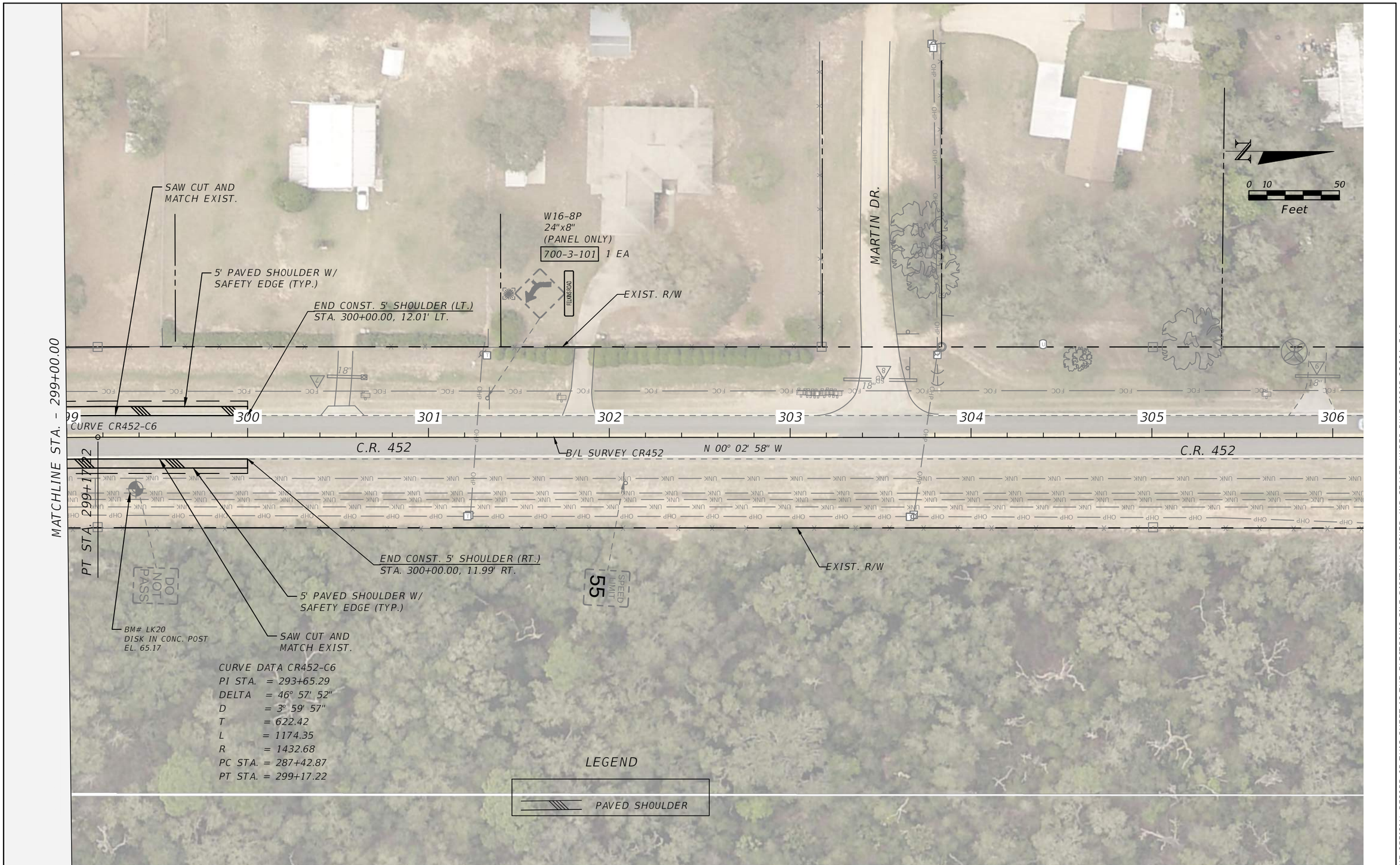

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ROADWAY PLAN (21)

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29

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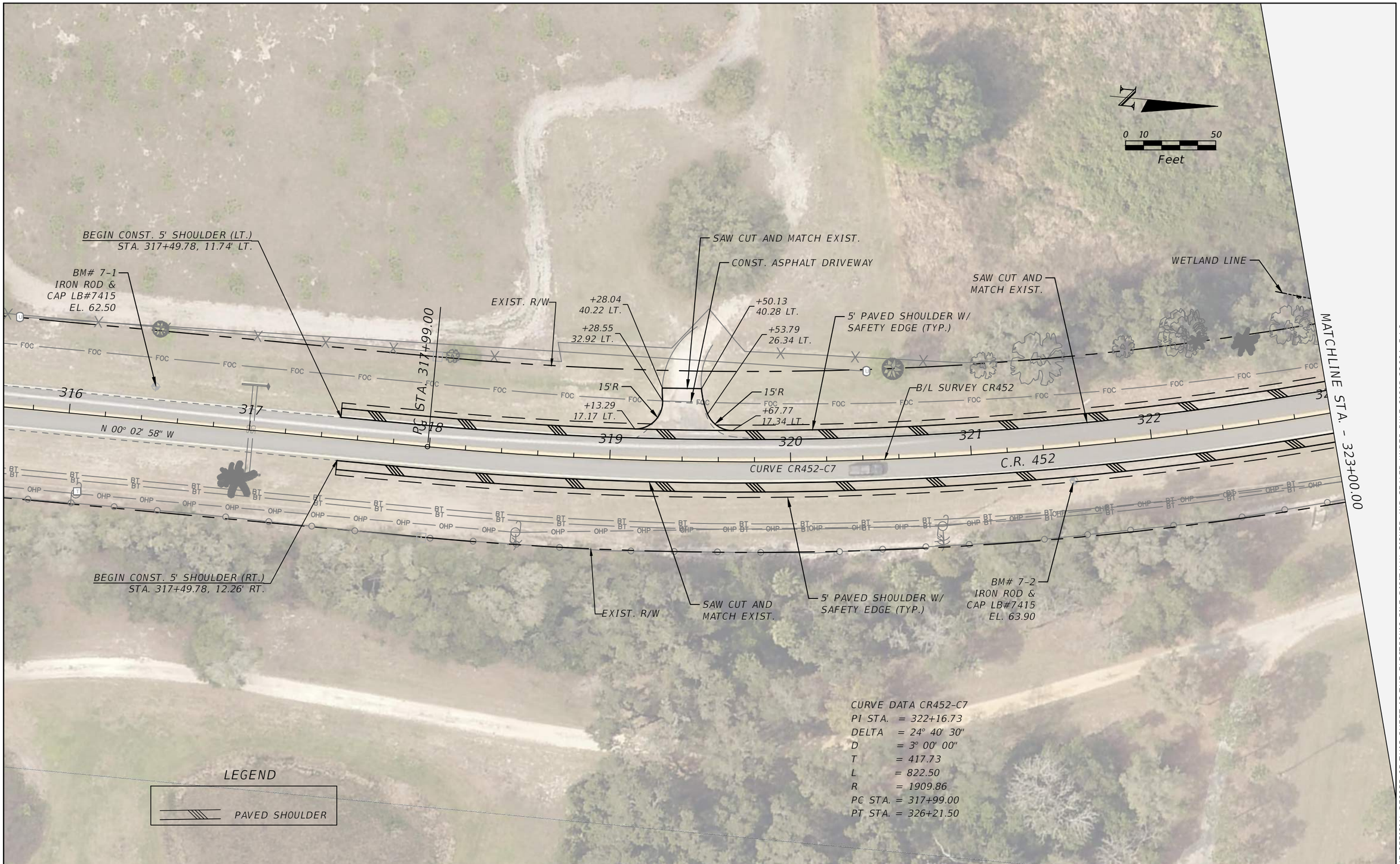

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ROADWAY PLAN (22)

SHEET NO.
30

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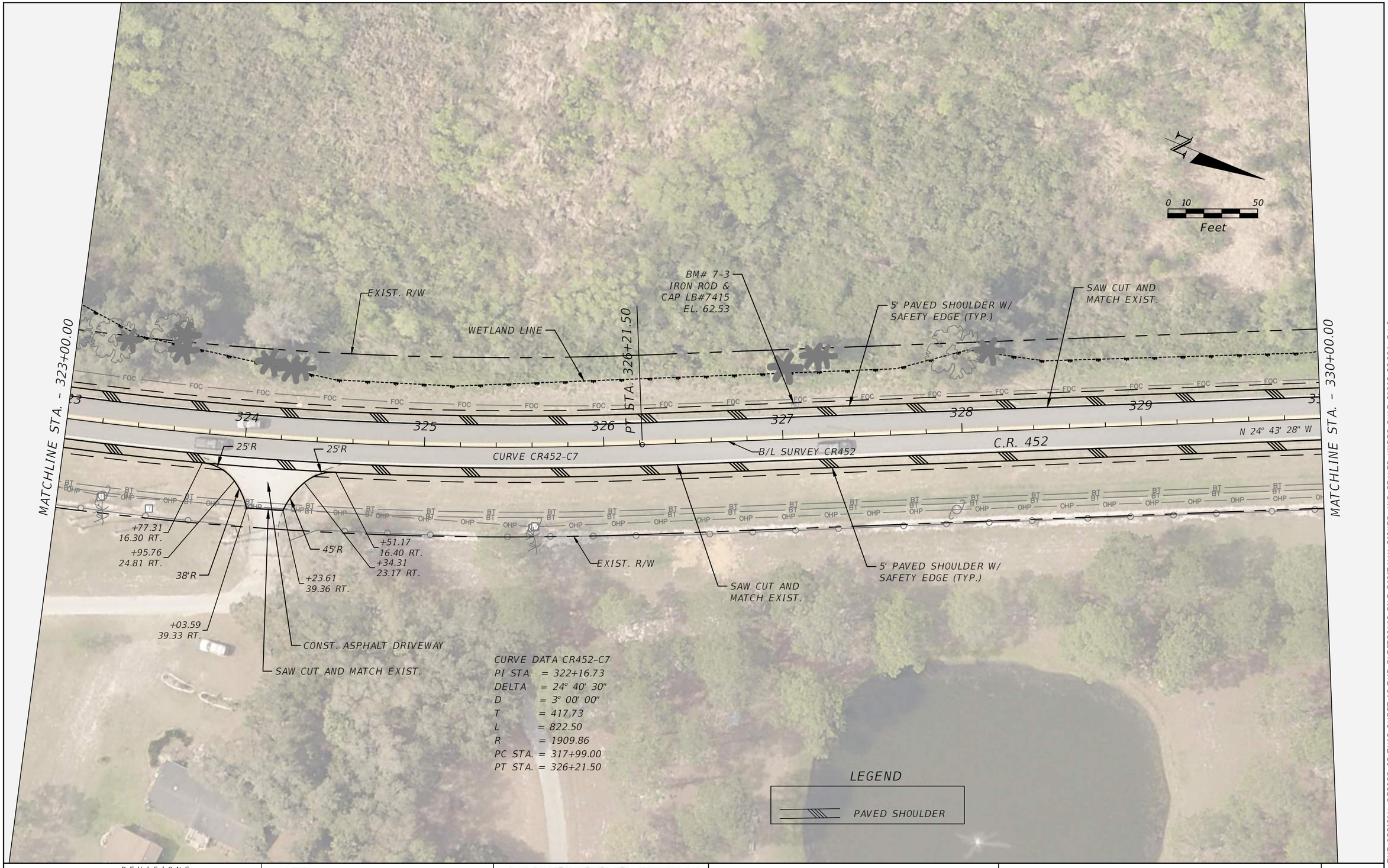

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (23)

SHEET NO.
31

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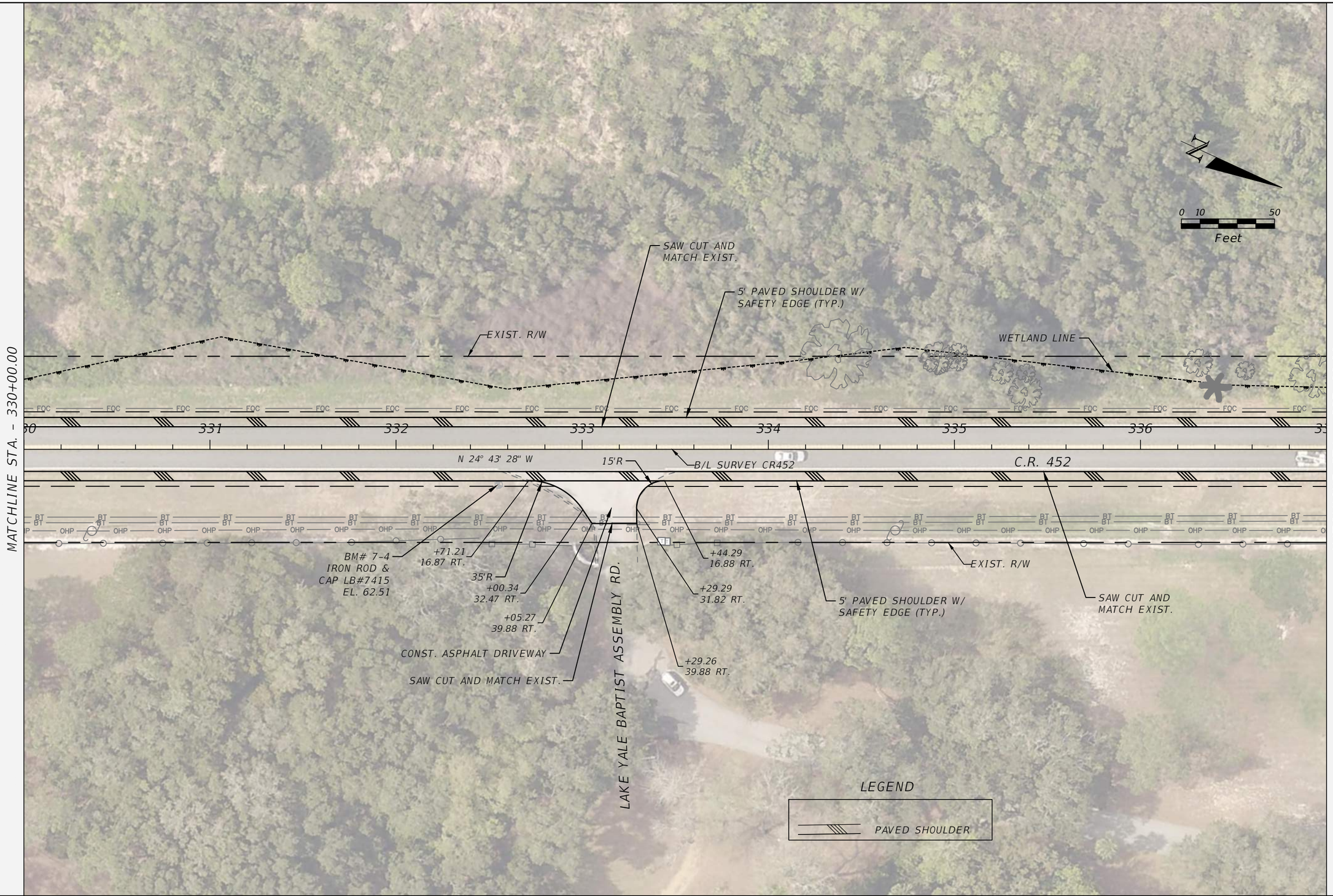

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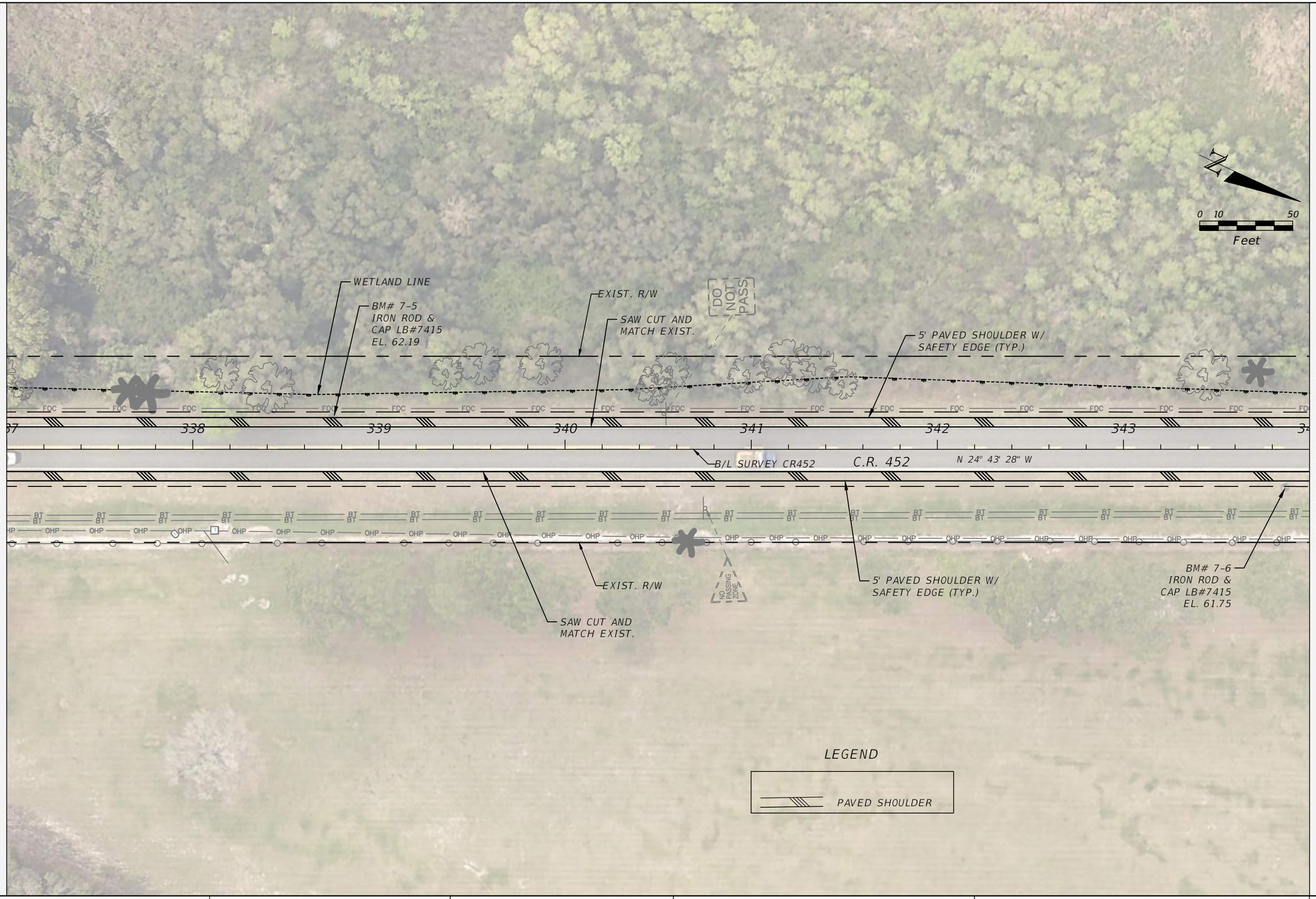
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (24)

SHEET NO.
32

John Hutchison 2/2/2021 7:24:08 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD08.dwg



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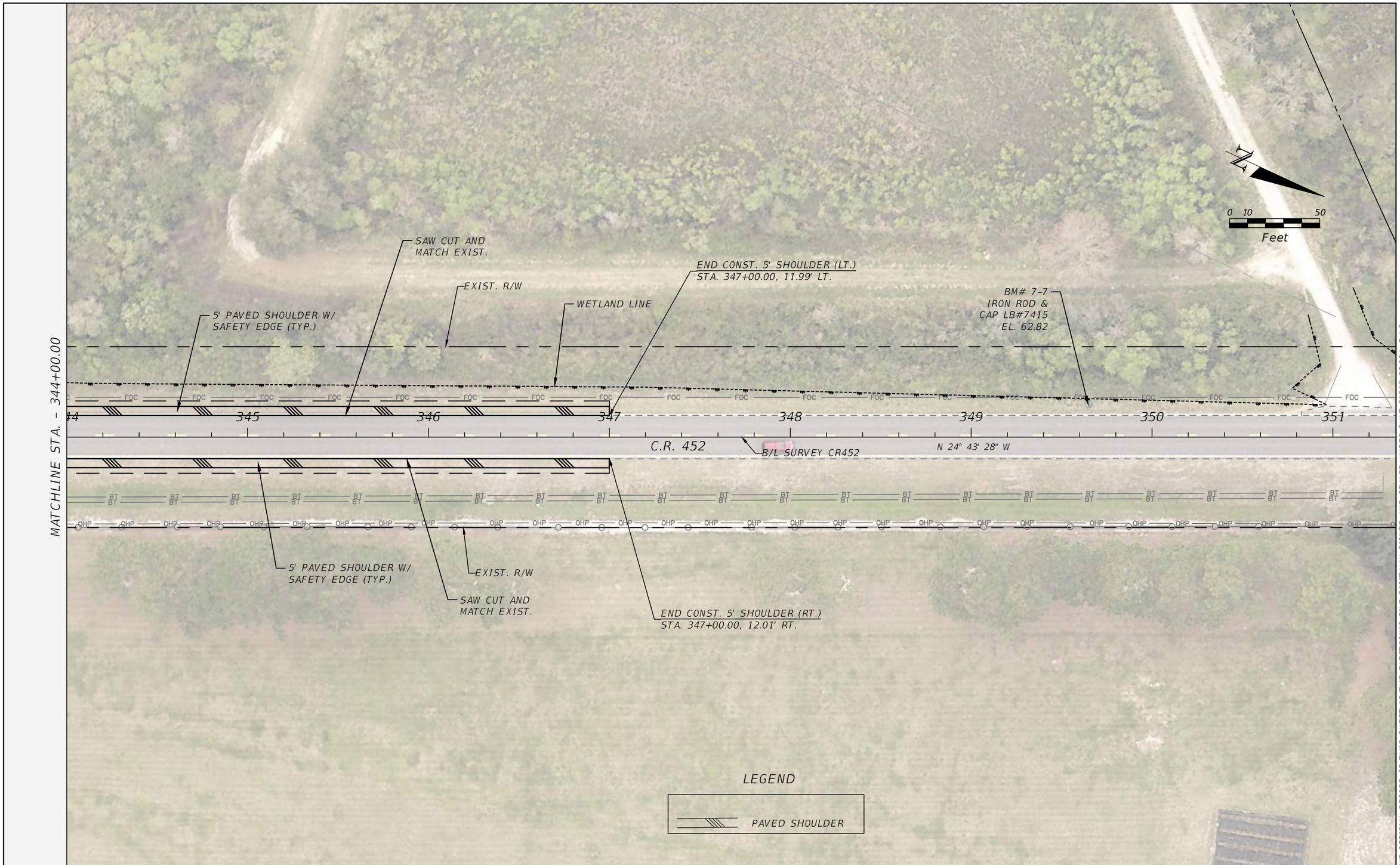
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (25)

SHEET NO.
33

John Hutchison 2/2/2021 7:24:18 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD08.dwg



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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (26)

SHEET NO.
34

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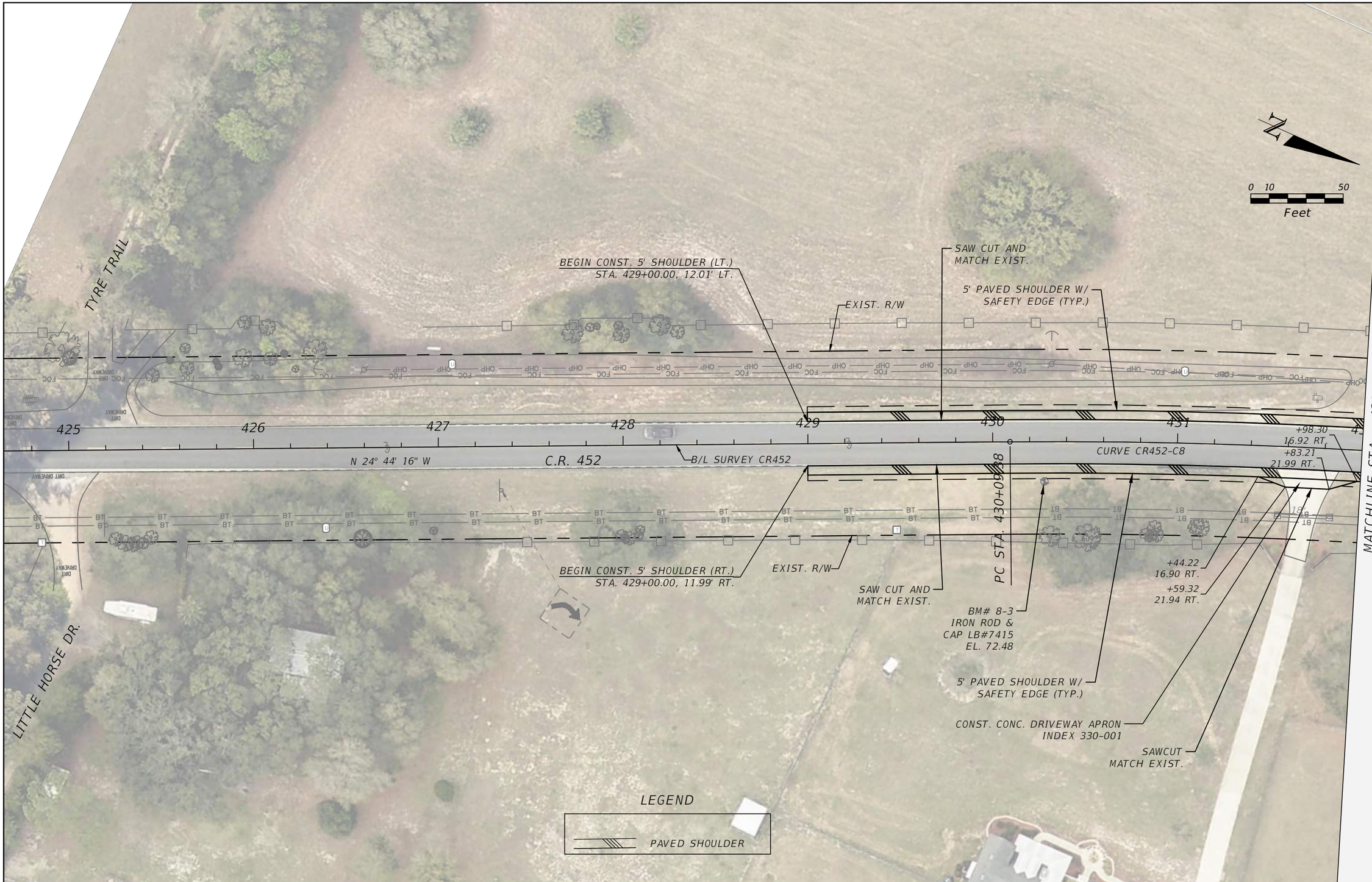

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (27)

SHEET NO.
35

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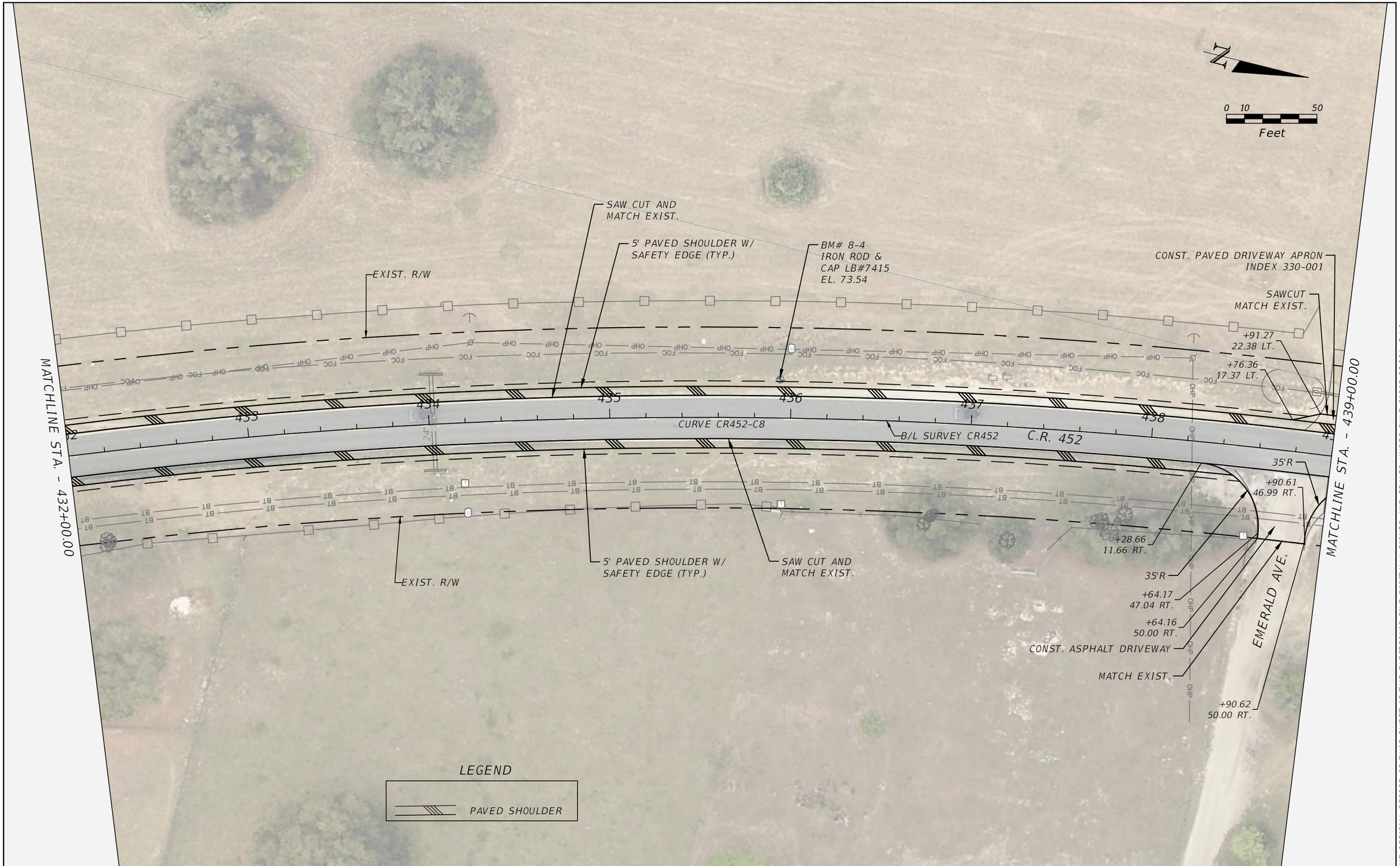

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LAKE COUNTY
315 WEST MAIN STREET
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BURGESS & NIPLE
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (28)

SHEET NO.
36

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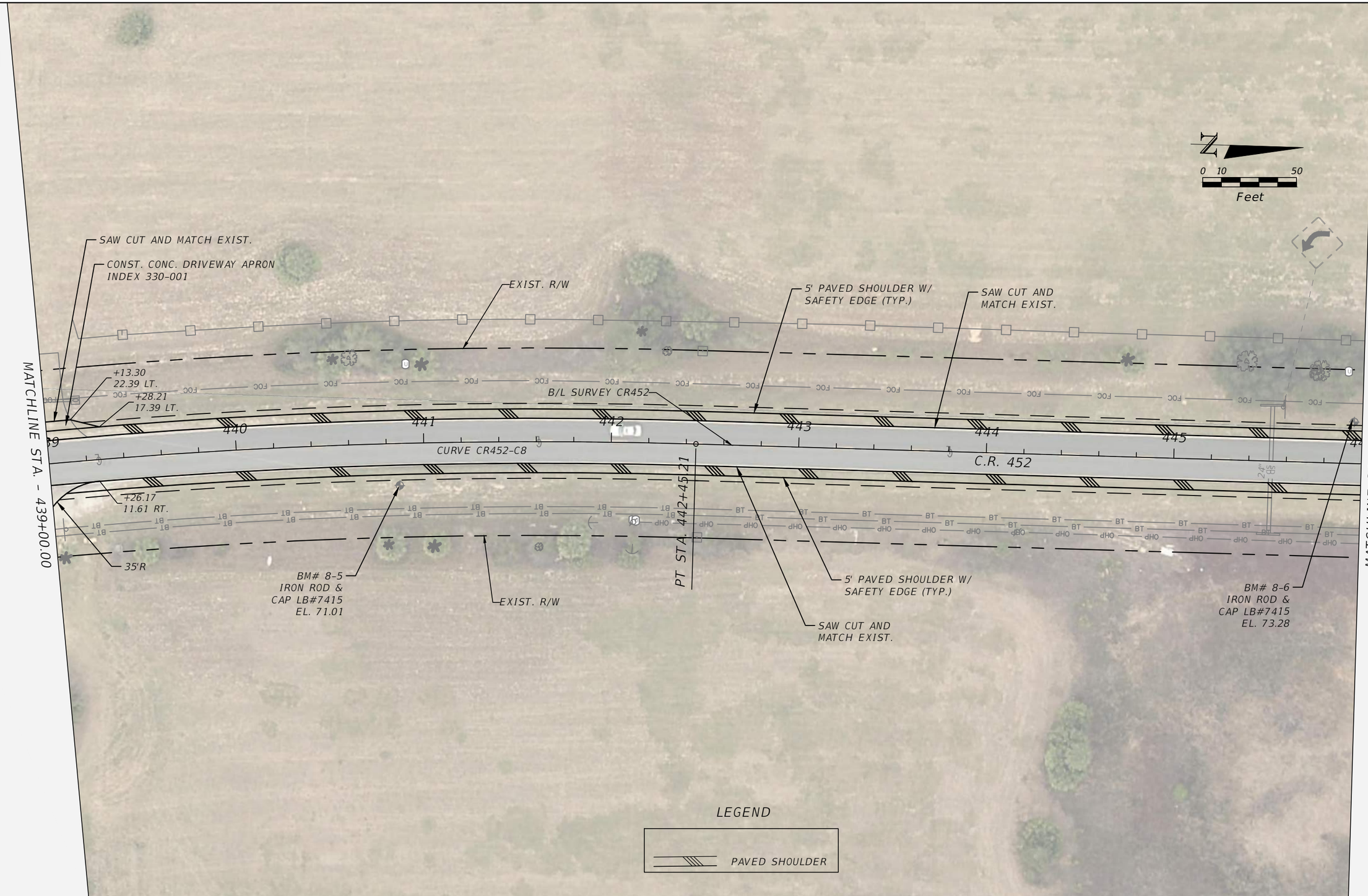

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LAKE COUNTY, FL
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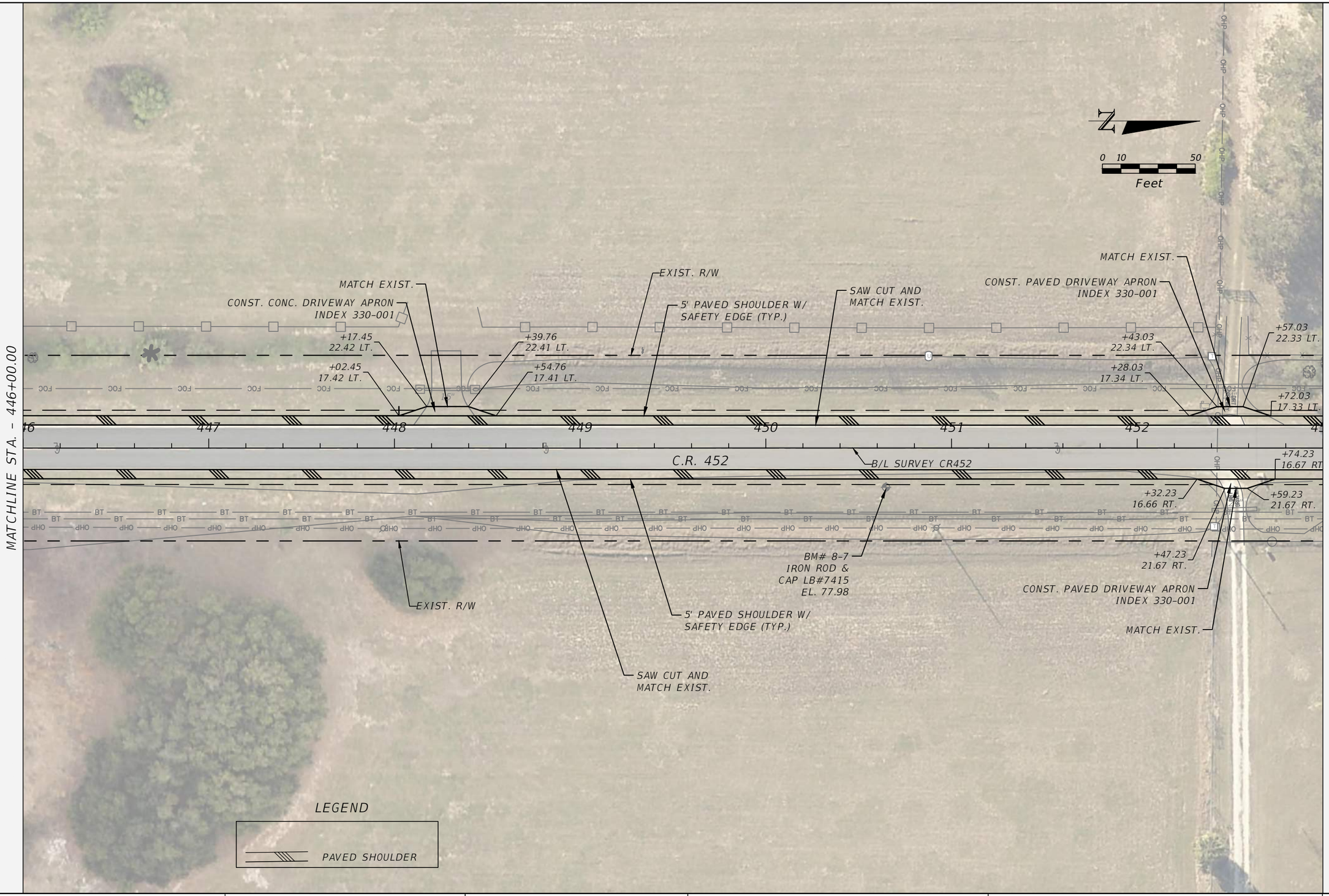
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (29)

SHEET NO.
37

John Hutchison 2/2/2021 7:29:12 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD09.dwg



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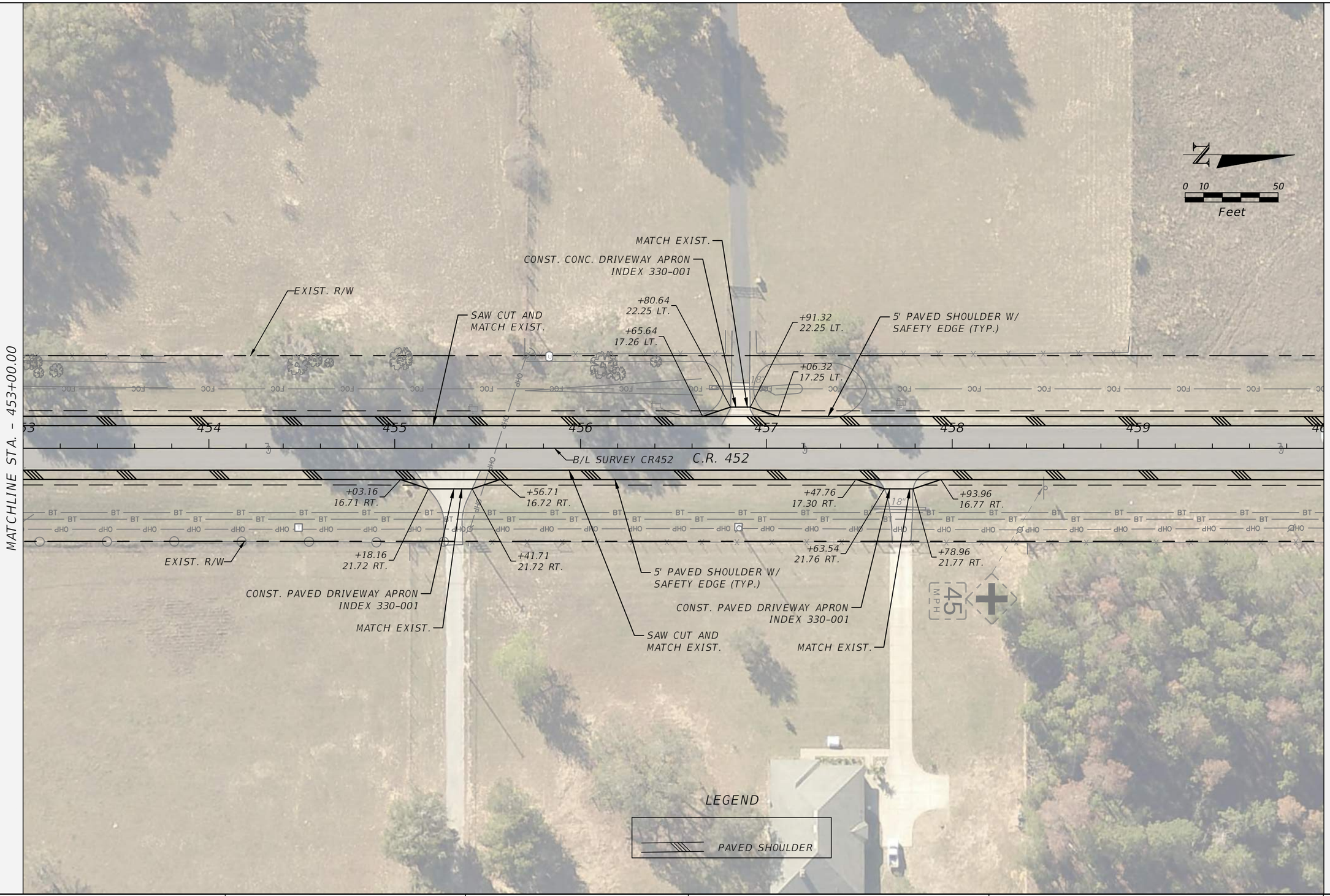
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (30)

SHEET NO.
38

John Hutchison 2/2/2021 7:29:19 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD09.dwg



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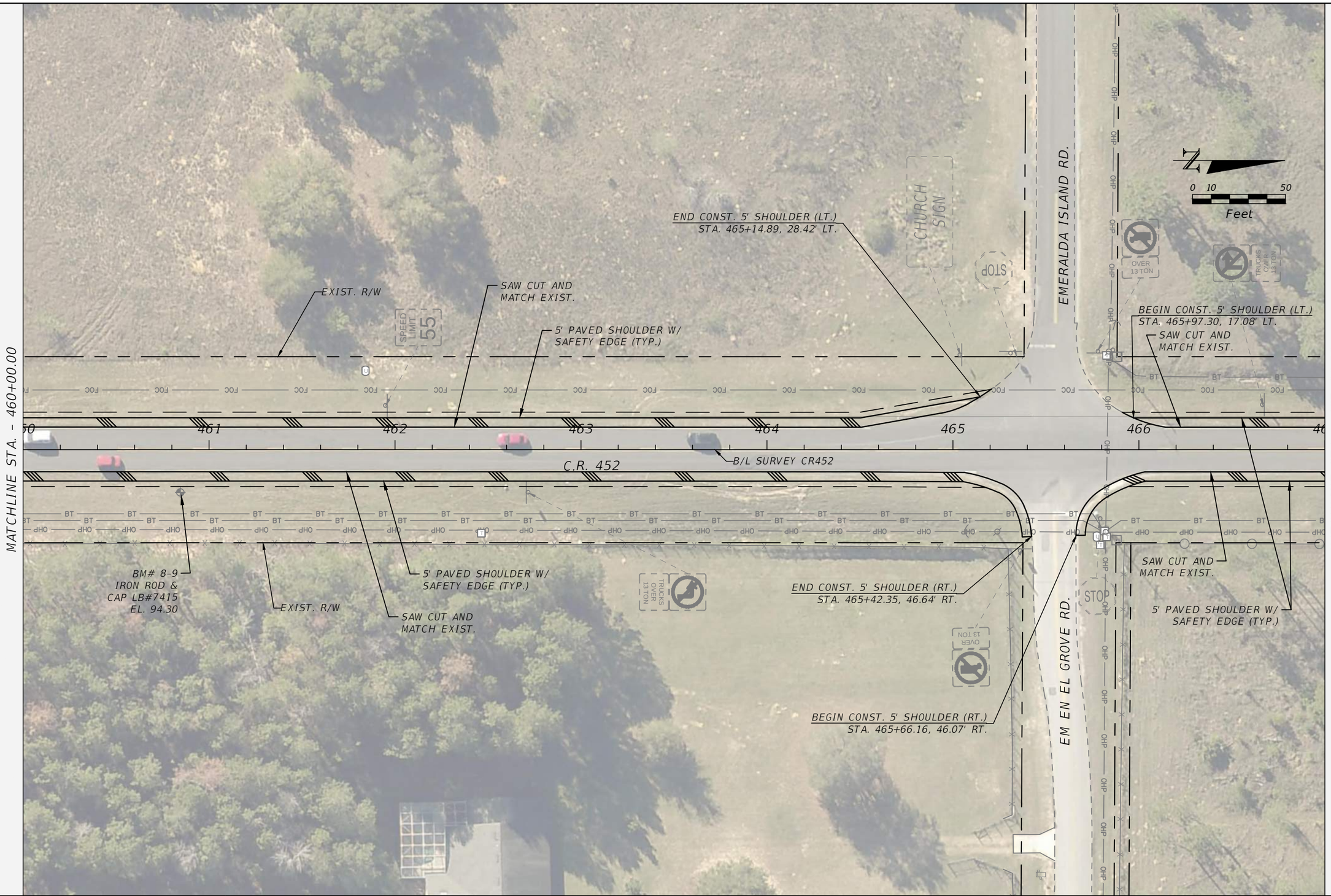
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (31)

SHEET NO.
39

John Hutchison 2/2/2021 7:29:27 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD09.dwg



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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (32)

SHEET NO.
40

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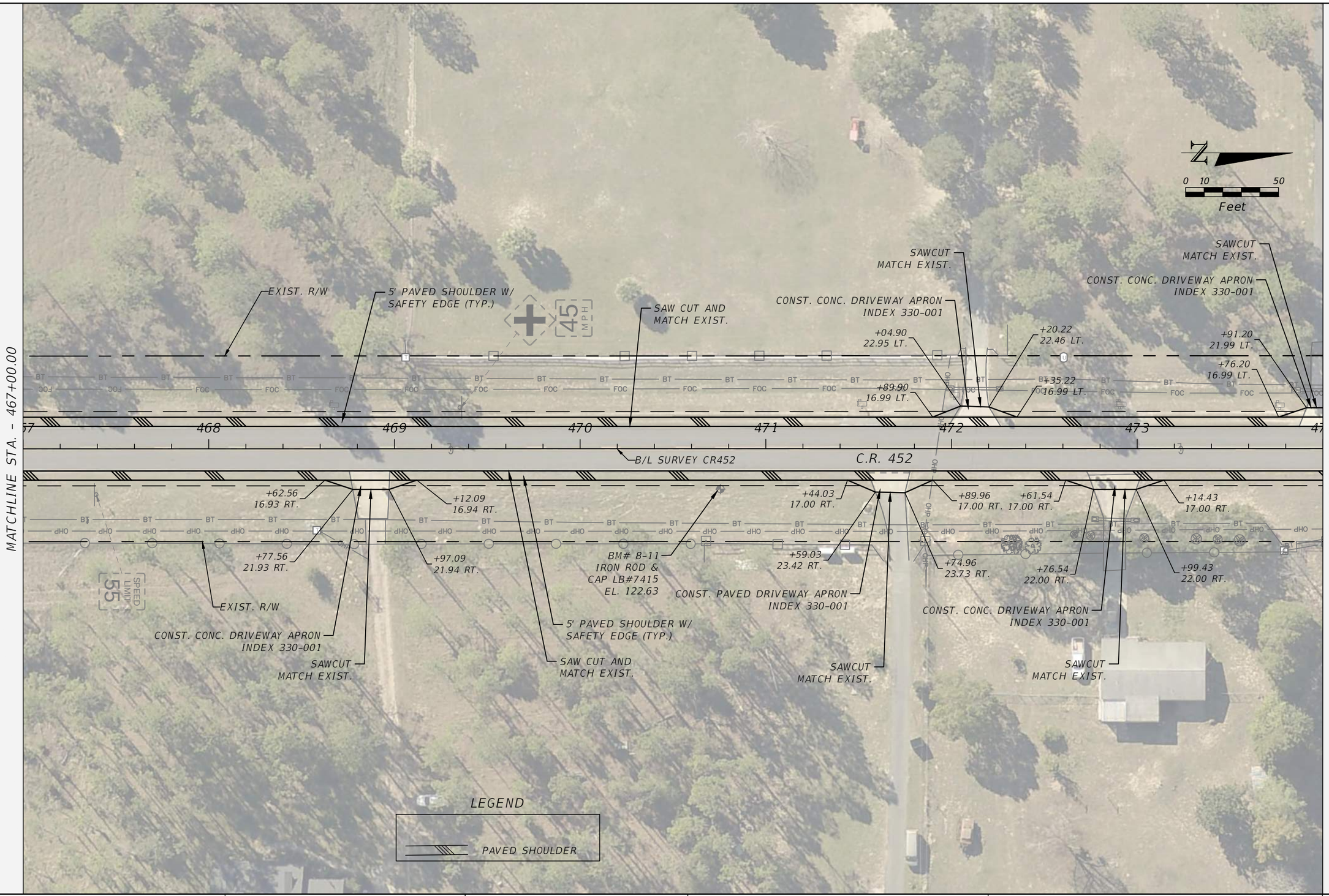

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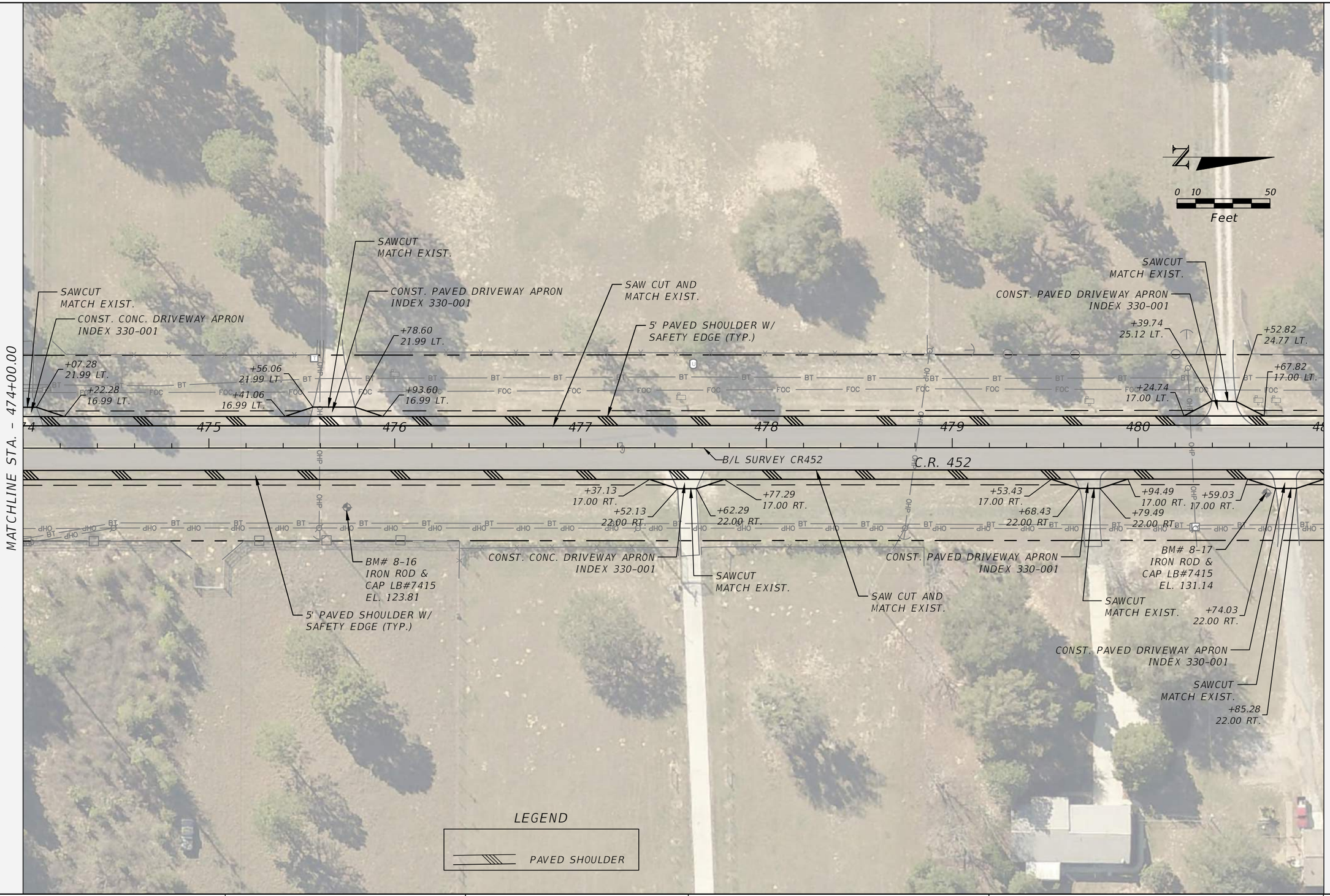
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (33)

SHEET NO.
41

John Hutchison 2/2/2021 7:29:42 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD09.dwg



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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
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BURGESS & NIPLE
JOHN DEE, P.E.
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1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

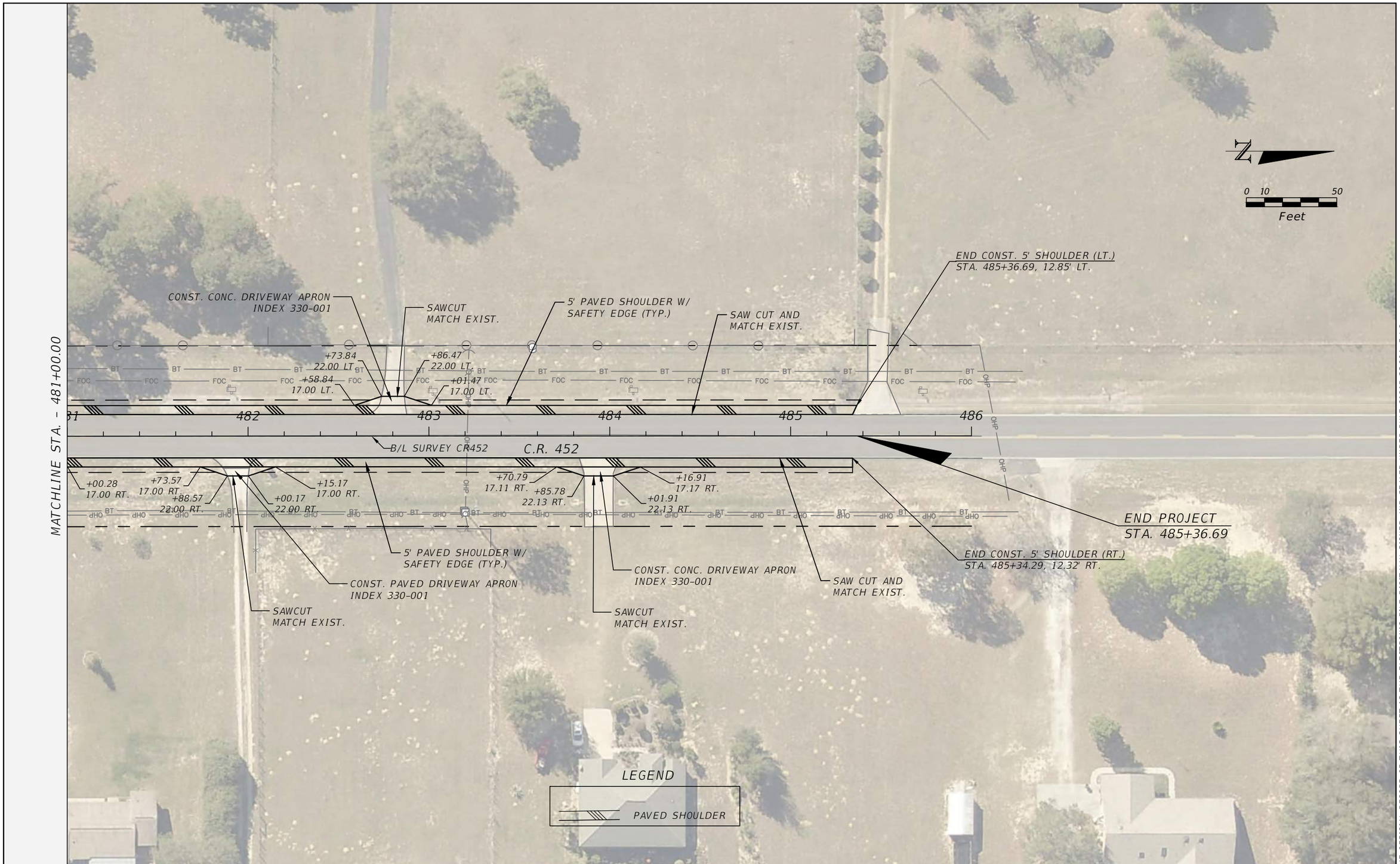
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (34)

SHEET NO.
42

John Hutchison 2/2/2021 7:29:49 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD09.dwg



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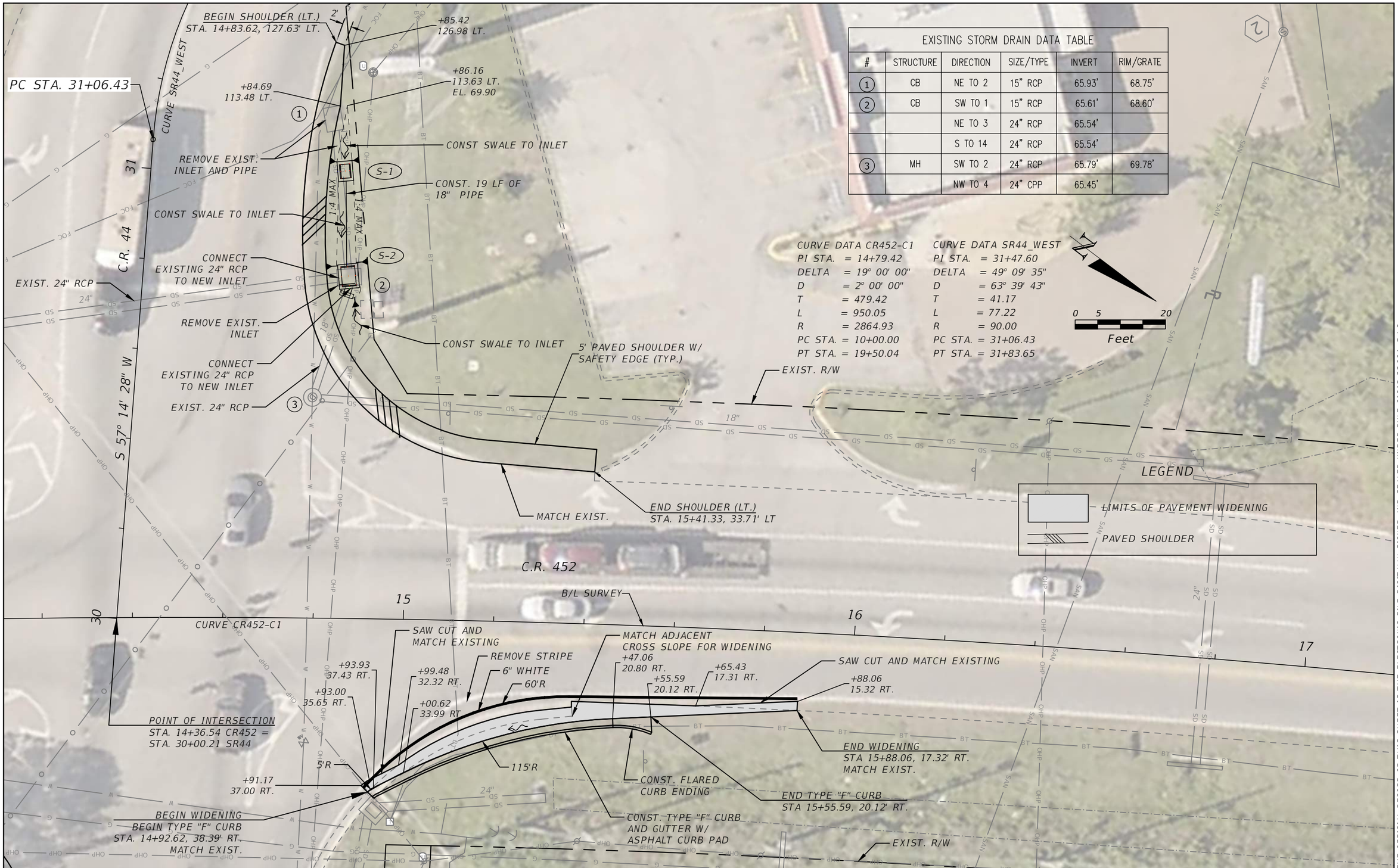
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY PLAN (35)

SHEET NO.
43

John Hutchison 2/2/2021 7:29:57 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\PLANRD09.dwg



EXISTING STORM DRAIN DATA TABLE

#	STRUCTURE	DIRECTION	SIZE/TYPE	INVERT	RIM/GRATE
1	CB	NE TO 2	15" RCP	65.93'	68.75'
2	CB	SW TO 1	15" RCP	65.61'	68.60'
		NE TO 3	24" RCP	65.54'	
		S TO 14	24" RCP	65.54'	
3	MH	SW TO 2	24" RCP	65.79'	69.78'
		NW TO 4	24" CPP	65.45'	

CURVE DATA CR452-C1
PI STA. = 14+79.42
DELTA = 19° 00' 00"
D = 2° 00' 00"
T = 479.42
L = 950.05
R = 2864.93
PC STA. = 10+00.00
PT STA. = 19+50.04

CURVE DATA SR44_WEST
PI STA. = 31+47.60
DELTA = 49° 09' 35"
D = 63° 39' 43"
T = 41.17
L = 77.22
R = 90.00
PC STA. = 31+06.43
PT STA. = 31+83.65

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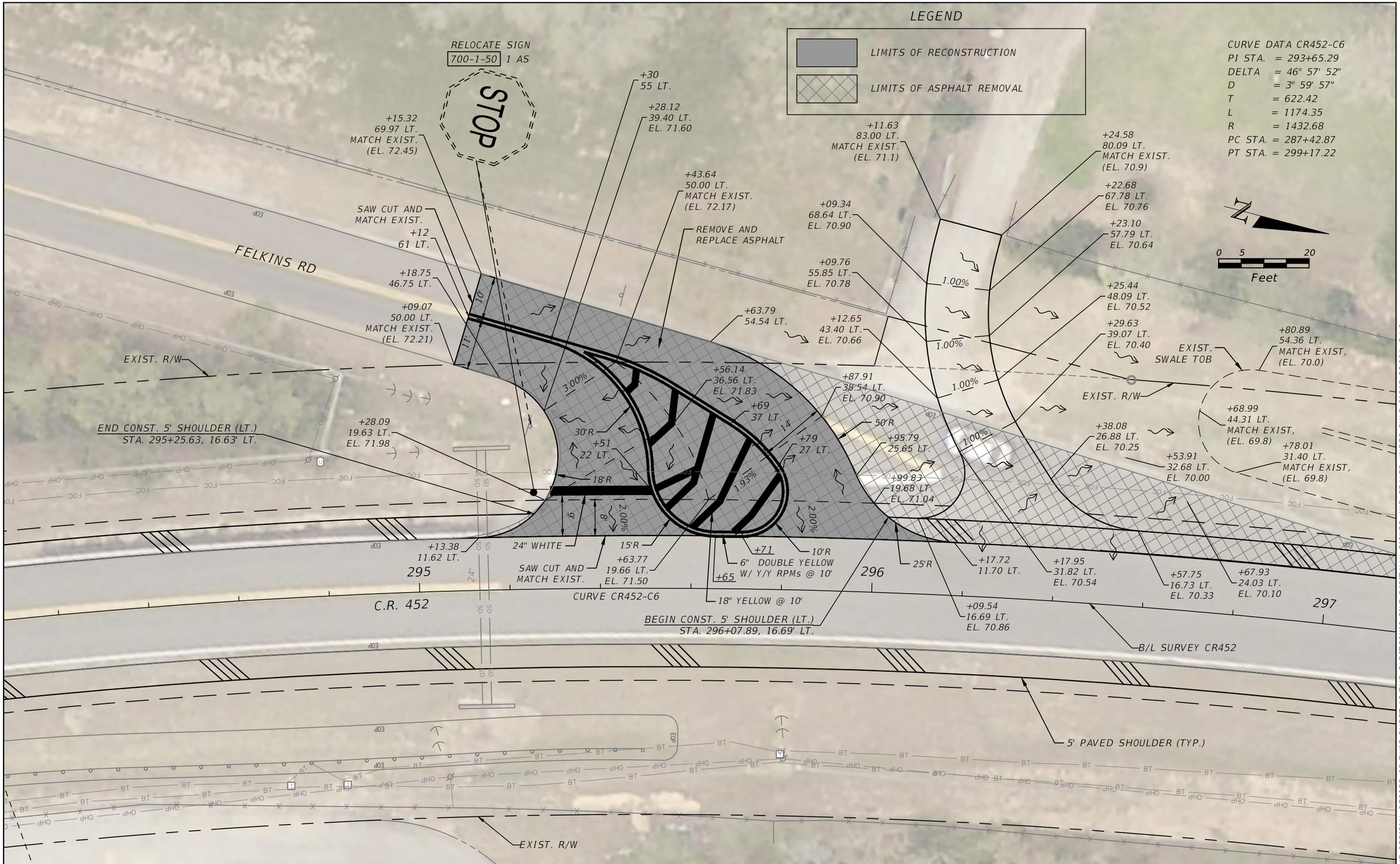
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

INTERSECTION DETAILS (1)

SHEET NO.
44

John Hutchison 2/2/2021 7:42:24 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\INTDRD01.dwg



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LAKE COUNTY, FL
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BURGESS & NIPLE
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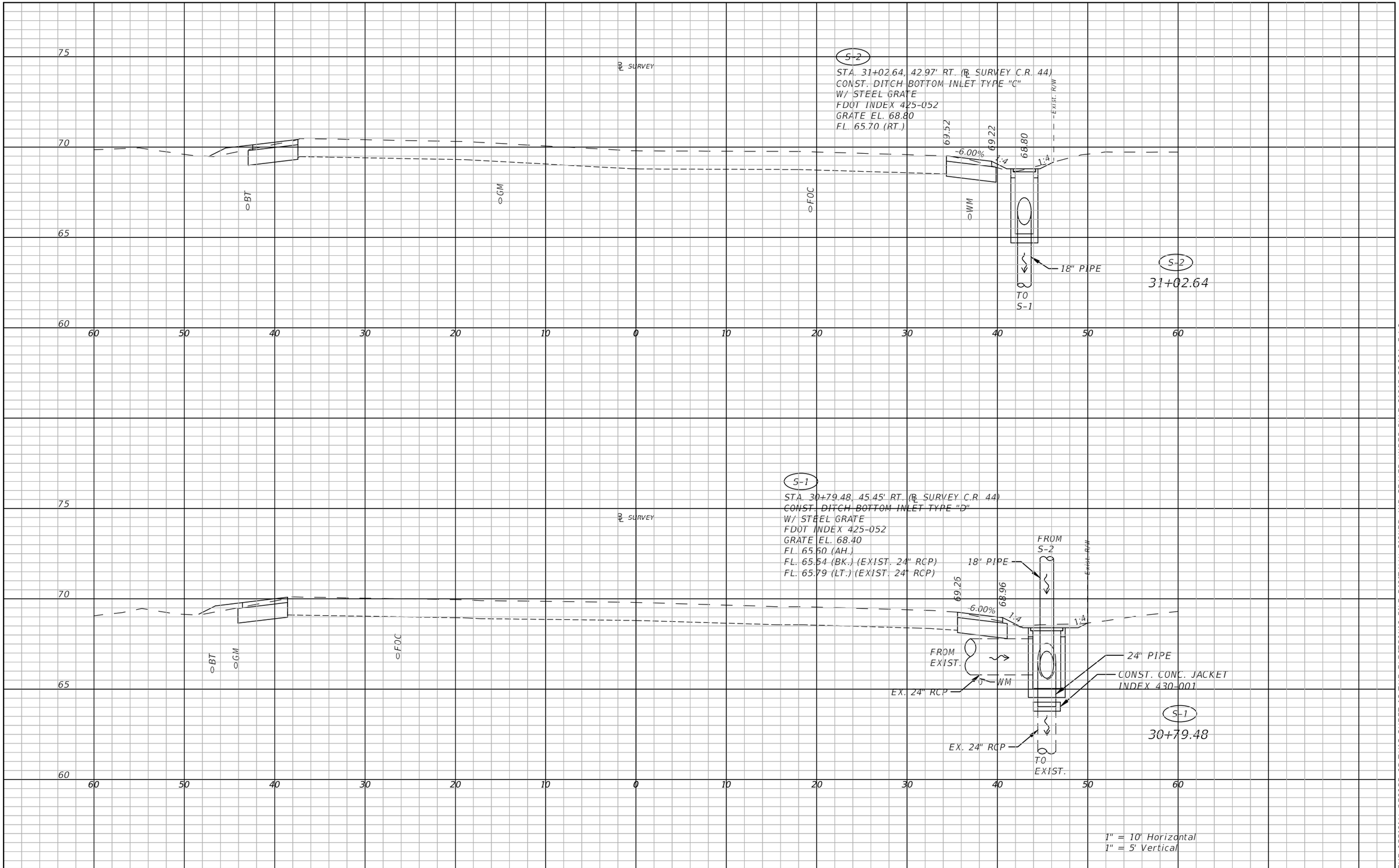
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

INTERSECTION DETAILS (2)

SHEET NO.
45

John Hutchison 4/8/2021 11:43:52 AM \\BNCFS06\Projects\PR58498\44351113801\roadway\INTDRD02.dwg



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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

DRAINAGE STRUCTURES

SHEET NO.
46

DATE OF SURVEY: NOVEMBER 2020 TO DECEMBER 2020
SURVEY MADE BY: TIERRA, INC.
SUBMITTED BY: JEREMY A. SEWELL, P.E.

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
MATERIALS AND RESEARCH

DISTRICT: 5
ROAD NO.: CR 542
COUNTY: LAKE

FINANCIAL PROJECT ID: 443511-1-58-01
PROJECT NAME: CR 452 SAFETY IMPROVEMENTS FROM CR 44 TO THE LAKE/MARION COUNTY LINE

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 30+00 SURVEY ENDS STA. : 486+00 REFERENCE : CENTERLINE CR 452

	ORGANIC CONTENT		MOISTURE CONTENT (%)		SIEVE ANALYSIS RESULTS PERCENT PASS						ATTERBERG LIMITS (%)					CORROSION TEST RESULTS				
STRATUM NO.	NO. OF TESTS	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDE ppm	SULFATES ppm	pH
1	--	--	--	--	--	--	--	--	--	--	--	--	--	A-3	BROWN TO GRAY-BROWN SAND TO SAND WITH SILT, OCCASIONALLY WITH TRACE LIMEROCK	--	--	--	--	--
2	--	--	--	--	--	--	--	--	--	--	--	--	--	A-2-4	GRAY-BROWN TO BROWN SILTY SAND	--	--	--	--	--
3	--	--	--	--	--	--	--	--	--	--	--	--	--	A-2-6	GRAY TO GRAY-BROWN CLAYEY SAND	--	--	--	--	--

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

▼ - GROUNDWATER TABLE ENCOUNTERED

GNE - GROUNDWATER NOT ENCOUNTERED

▽ - SEASONAL HIGH GROUNDWATER LEVEL

NOTES:

1. THE MATERIAL FROM STRATUM NUMBER 1 (A-3) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.

2. THE MATERIAL FROM STRATUM NUMBER 2 (A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT SHOULD BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.

3. THE MATERIAL FROM STRATUM NUMBER 3 (A-2-6) IS PLASTIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001 AND UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.

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LAKE COUNTY, FL — REAL FLORIDA. REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

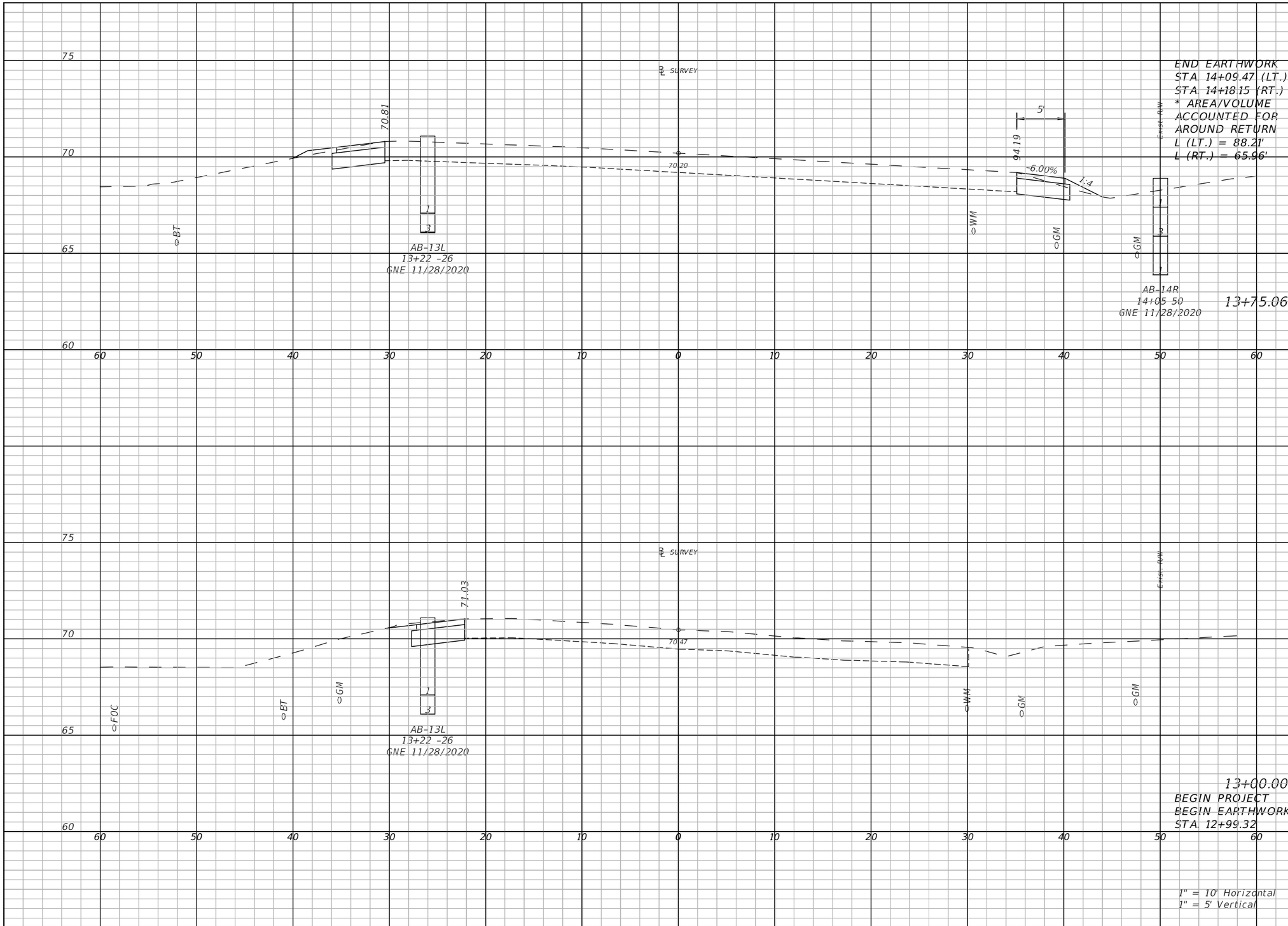
JEREMY A. SEWELL, P.E.
P.E. LICENSE NUMBER 62951
TIERRA INC.
591 SUSAN B. BRITT COURT
WINTER GARDEN, FL 34787

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

ROADWAY SOIL SURVEY

SHEET NO. 47



	Regular Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)
	*11.5		*1.6	
		*32.8		*4.4
	11.5		1.6	
		24.9		2.2
	6.4		0	

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

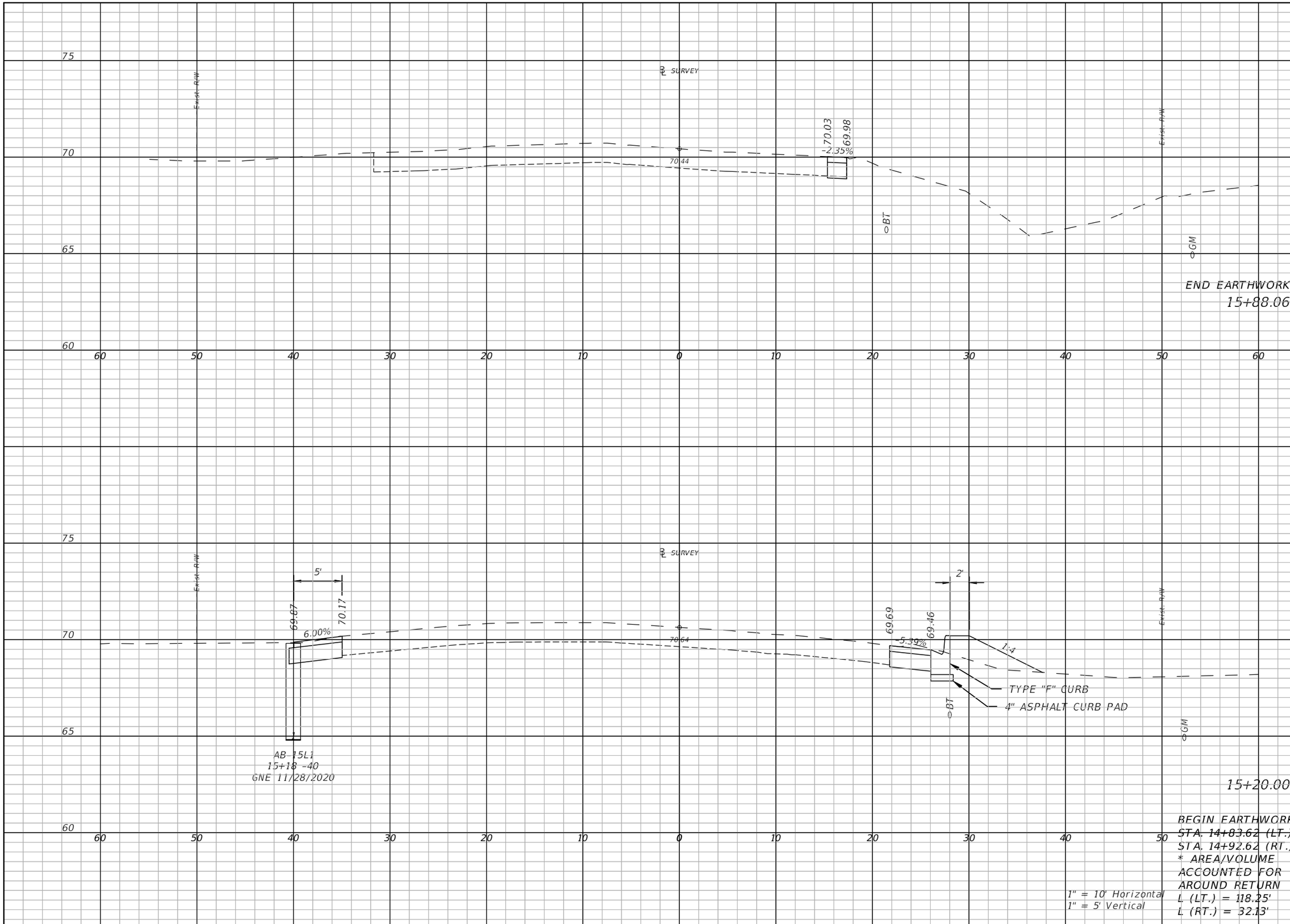
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (1)

SHEET NO.
48

John Hutchison 2/2/2021 8:57:16 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD01.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
2.2		0	
	20.7		9.8
14.2		7.8	
	35.7		9.2
14.2		7.8	

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REVISIONS	
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REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

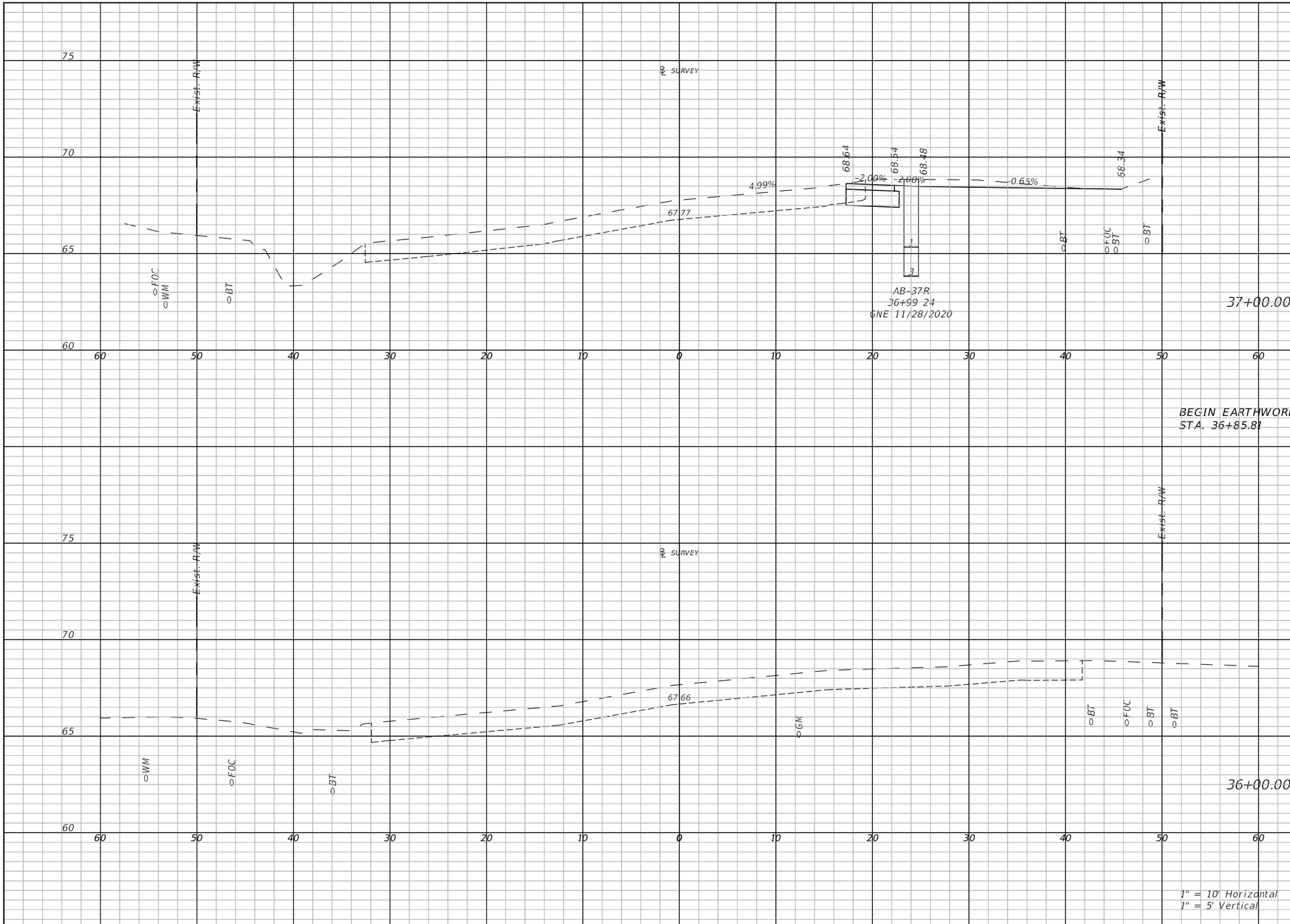
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (2)

SHEET NO.
49

John Hutchison 2/2/2021 8:57:19 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD01.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
	34.4		0
12.4		0	
	3.2		0
0		0	

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

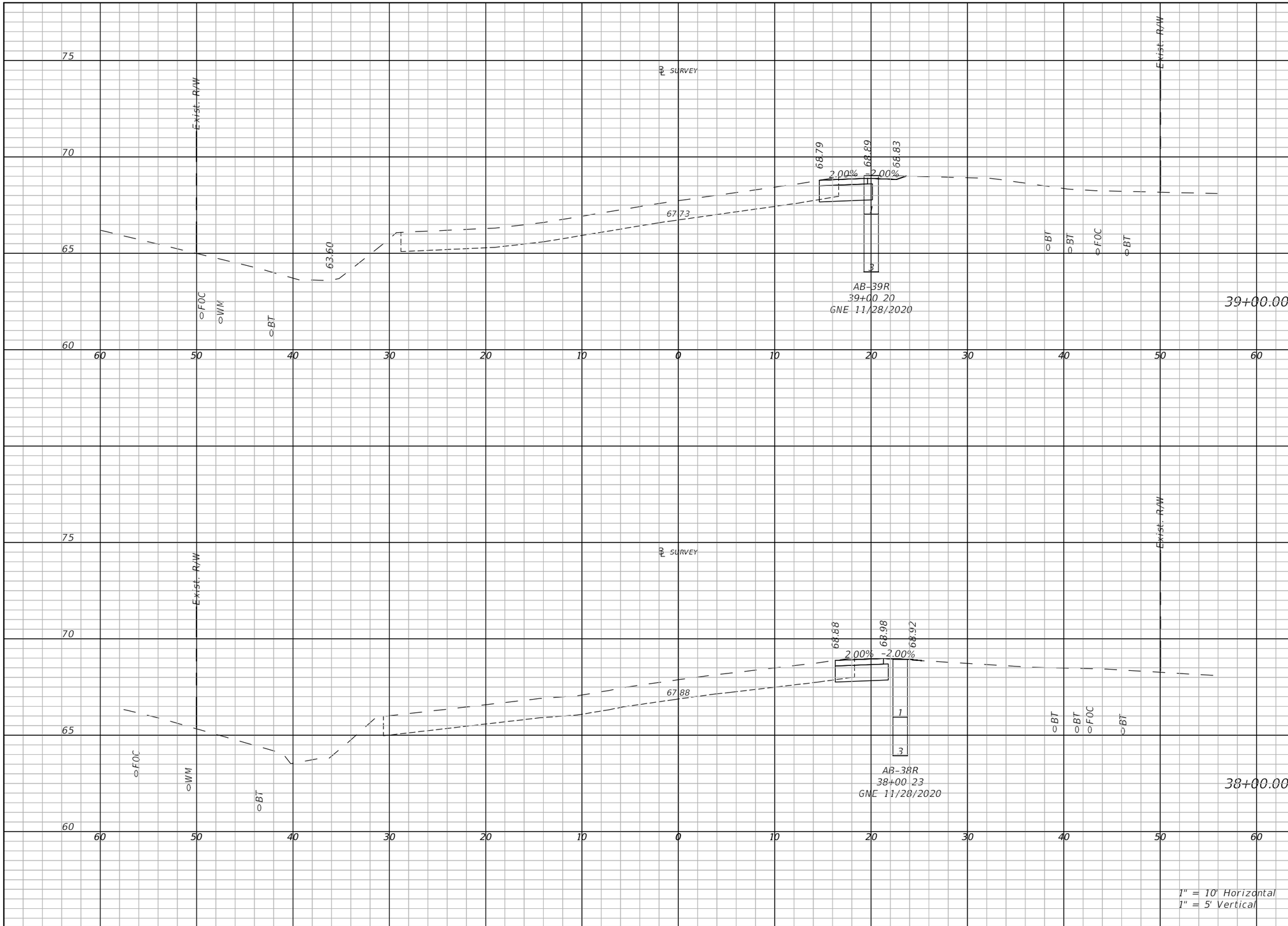
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (3)

SHEET NO.
50

John Hutchison 2/2/2021 8:58:14 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD02.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
7.3	23.7	0	2
6.3	25.1	0	0

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (4)

SHEET NO.
51

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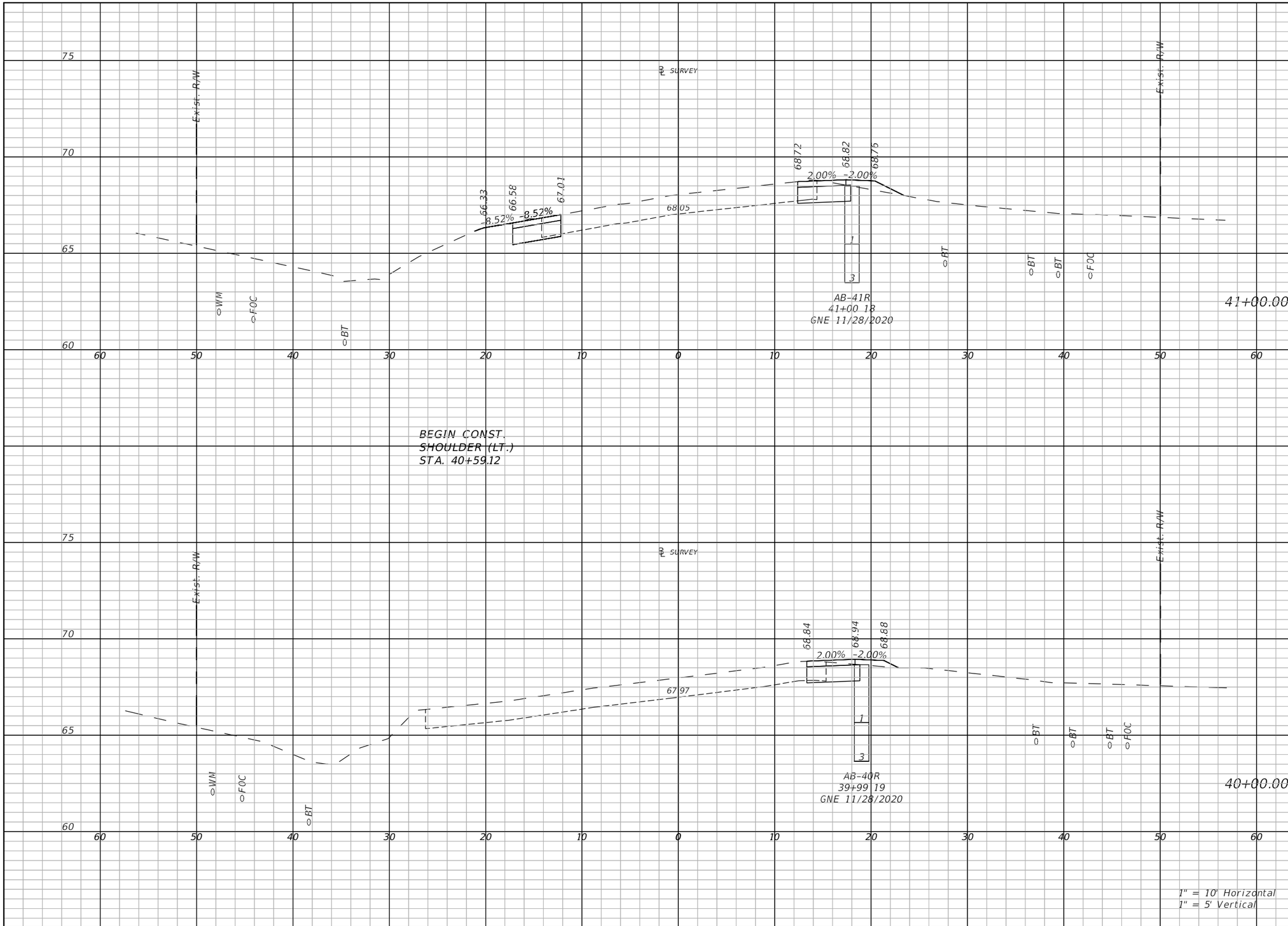

1" = 10' Horizontal
1" = 5' Vertical

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.4	40.3	1.9	13.3
5.5	31.3	1.1	5.6

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REVISIONS

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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
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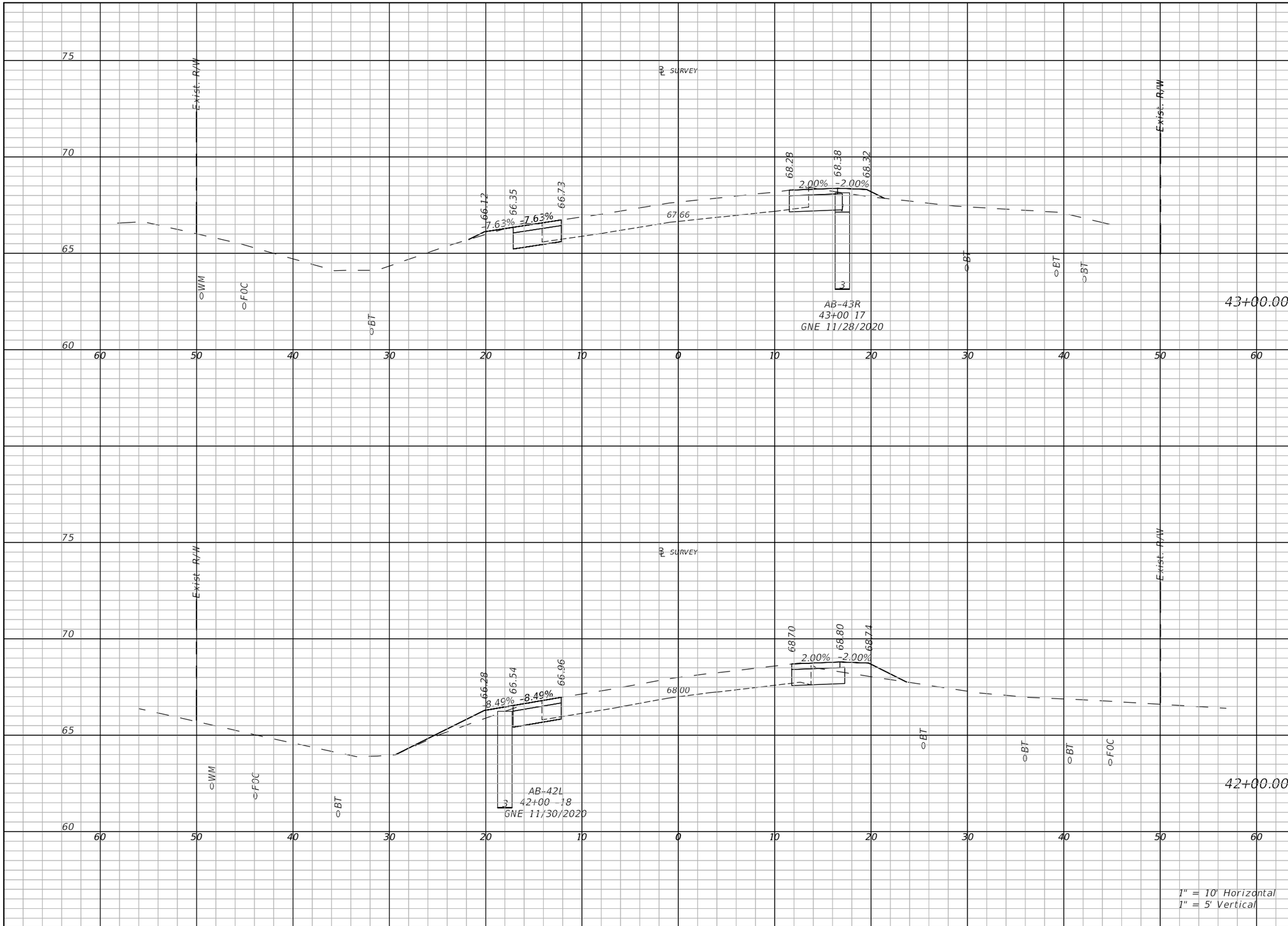
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (5)

SHEET NO.
52

John Hutchison 2/2/2021 8:58:22 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD02.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.9	32.6	1.5	2.8
10.4	41.1	5.3	1.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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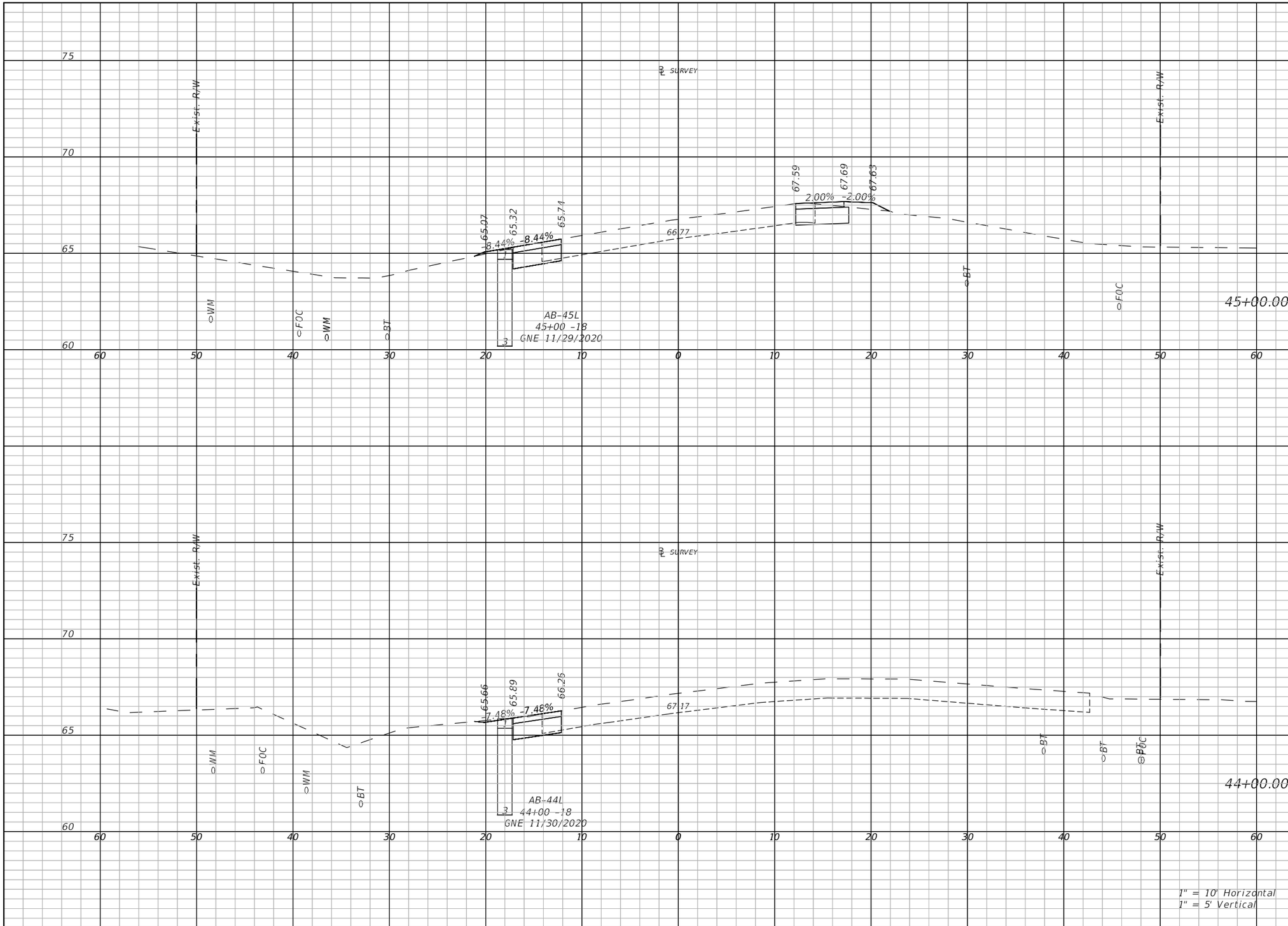
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (6)

SHEET NO.
53

John Hutchison 2/2/2021 8:58:26 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD02.dwg



	Regular Exc.		Embankment	
	A(sf)	V(cy)	A(sf)	V(cy)
45+00.00	11.2	40.7	7.3	18.2
44+00.00	5.8	31.4	0	13.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
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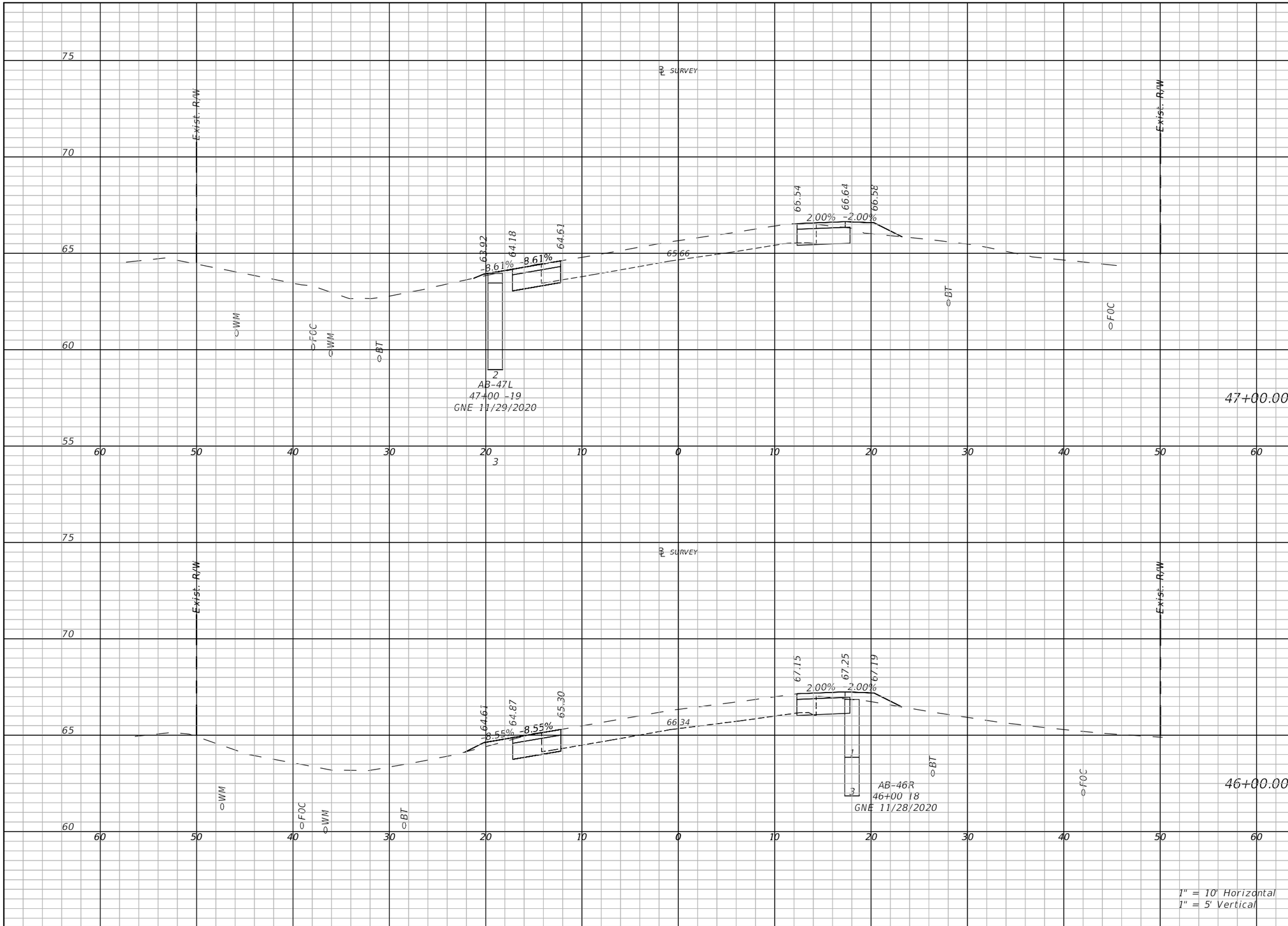
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (7)

SHEET NO.
54

John Hutchison 2/2/2021 8:58:30 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD02.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.1	41	2.4	8.8
10.8	40.5	2.6	9.2

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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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ORLANDO, FL 32810
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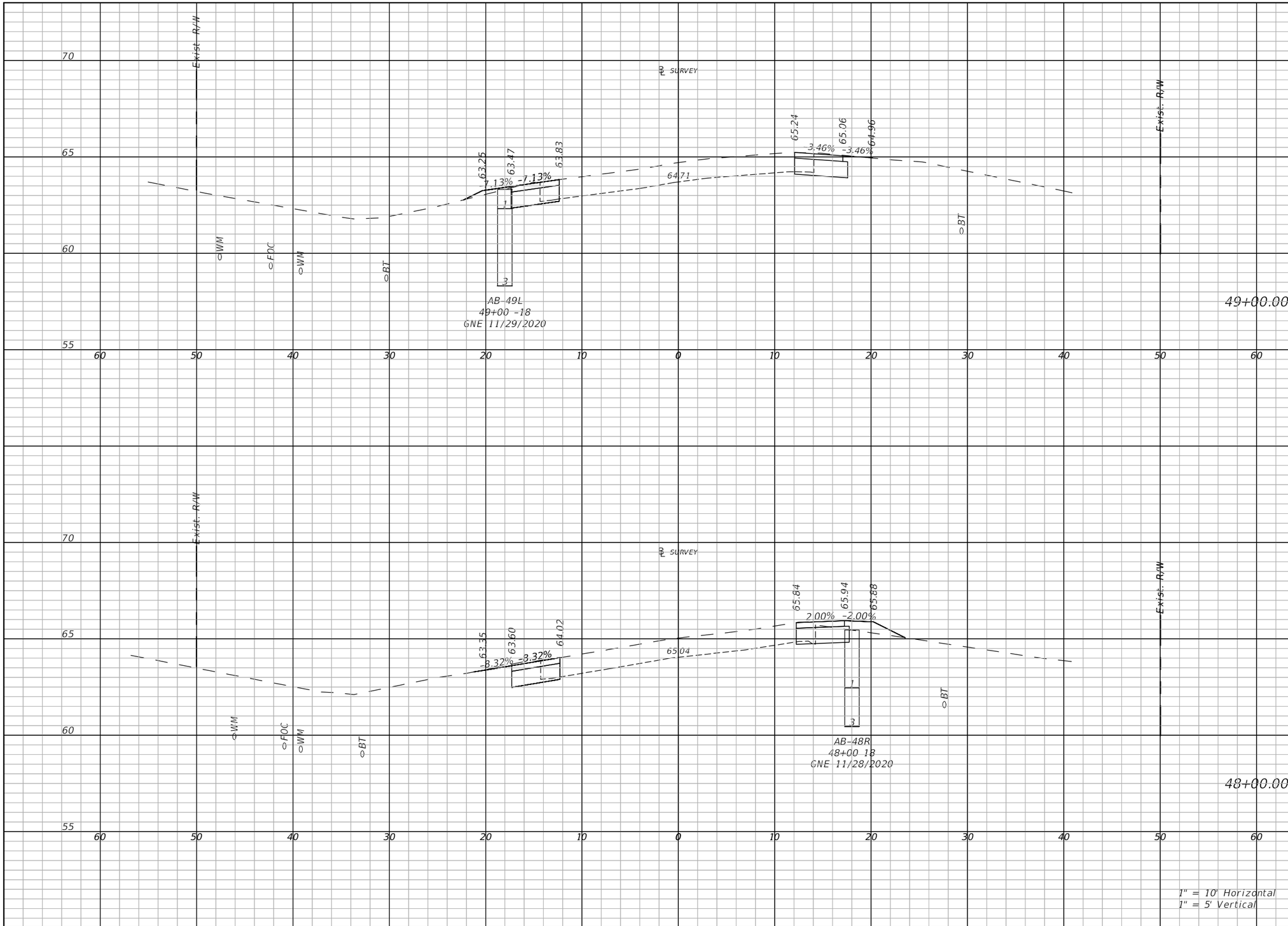
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (8)

SHEET NO.
55

John Hutchison 2/2/2021 8:58:34 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD02.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.2	9.1	0.7	0.8
11.1	43.1	2.4	5.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

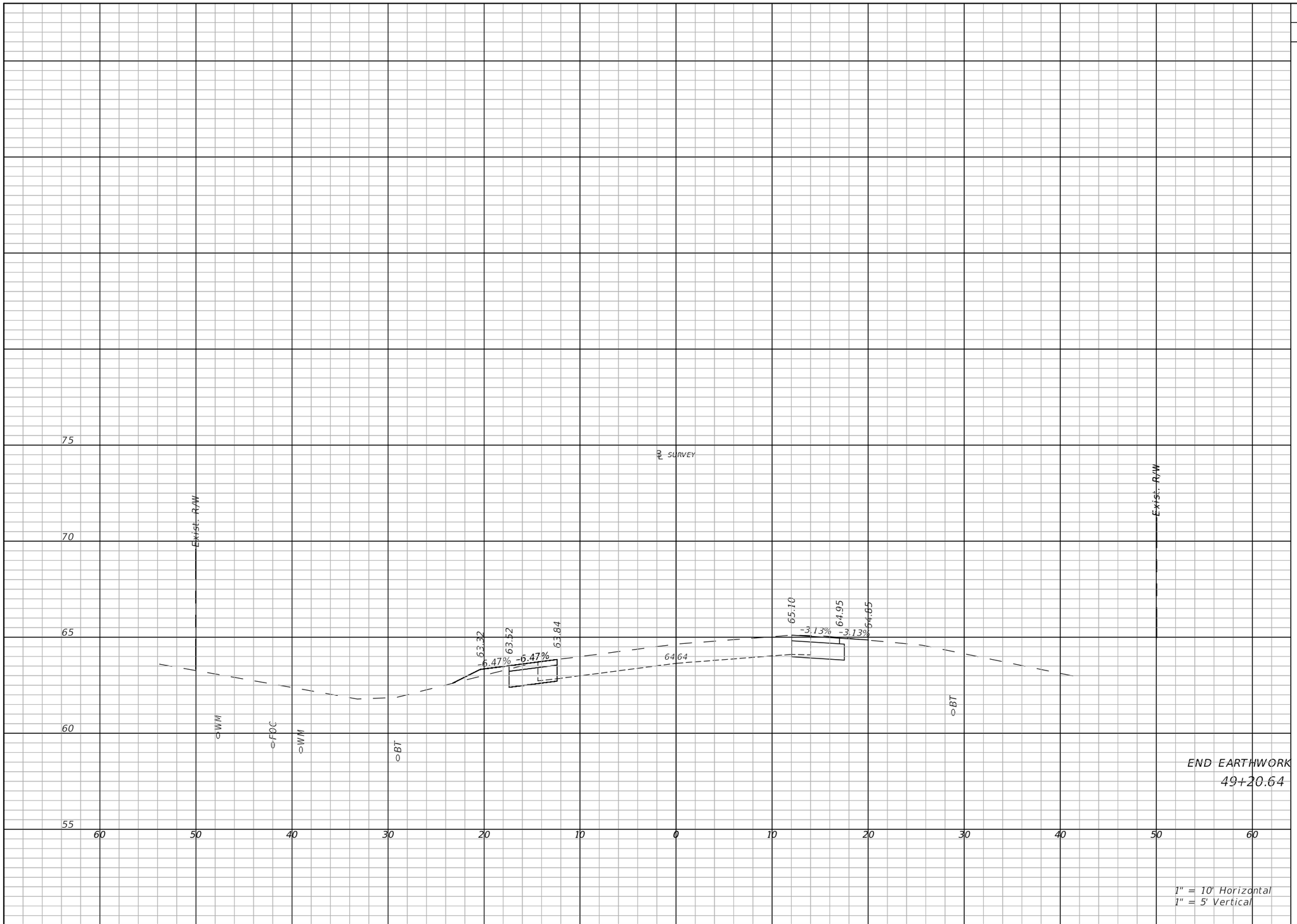
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (9)

SHEET NO.
56

John Hutchison 2/2/2021 8:58:37 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD02.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.7		1.3	

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REVISIONS

DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

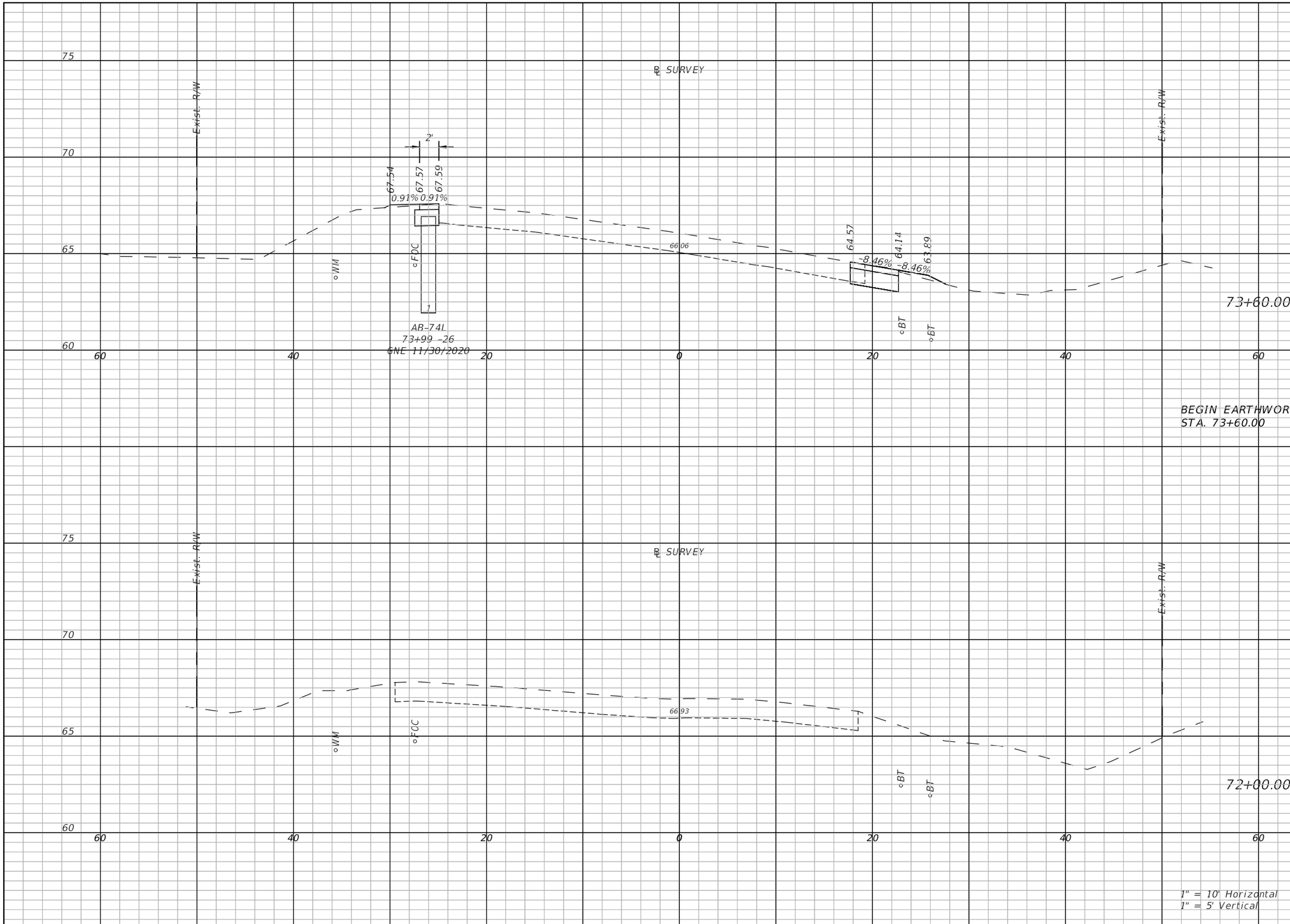
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTION (10)

SHEET NO.
57

John Hutchison 2/2/2021 8:58:40 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD02.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
8.3	12.4	1	3.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

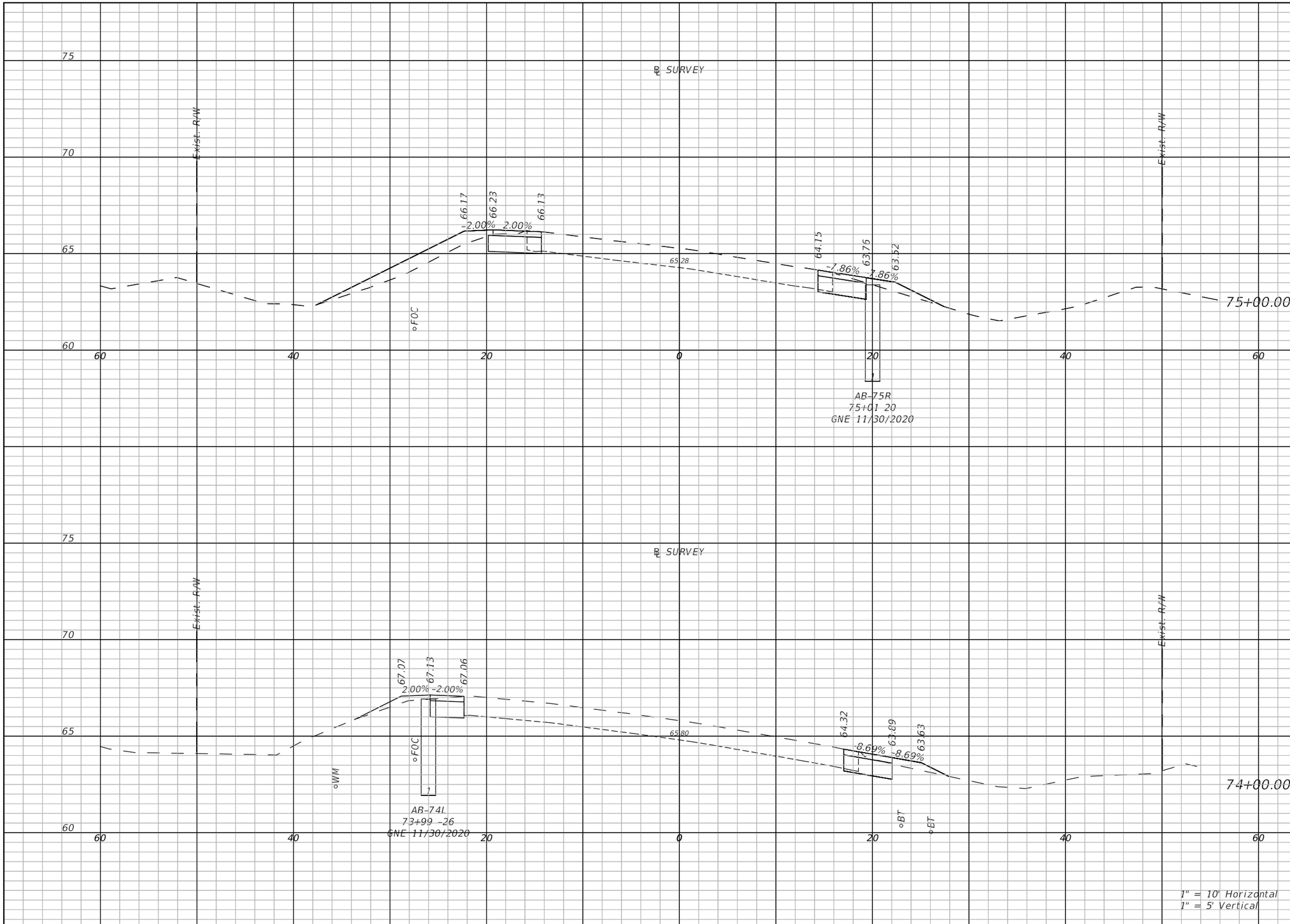
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (11)

SHEET NO.
58

John Hutchison 2/2/2021 9:00:26 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.7	44.6	11.6	24.8
8.4	35.3	3.3	27.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

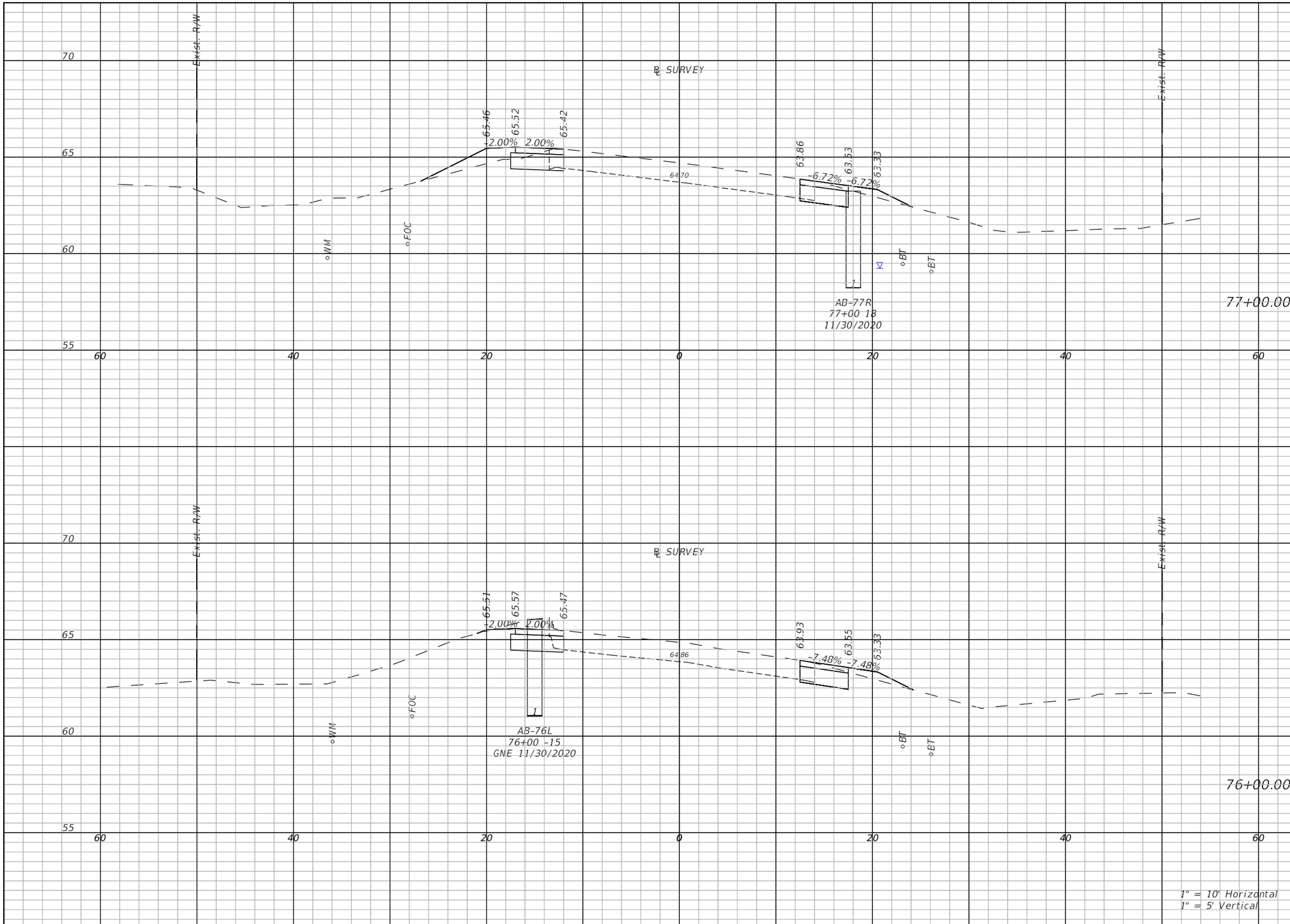
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (12)

SHEET NO.
59

John Hutchison 2/2/2021 9:00:31 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
9.8	37.4	6.3	17.7
13.5	43.1	1.9	15

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

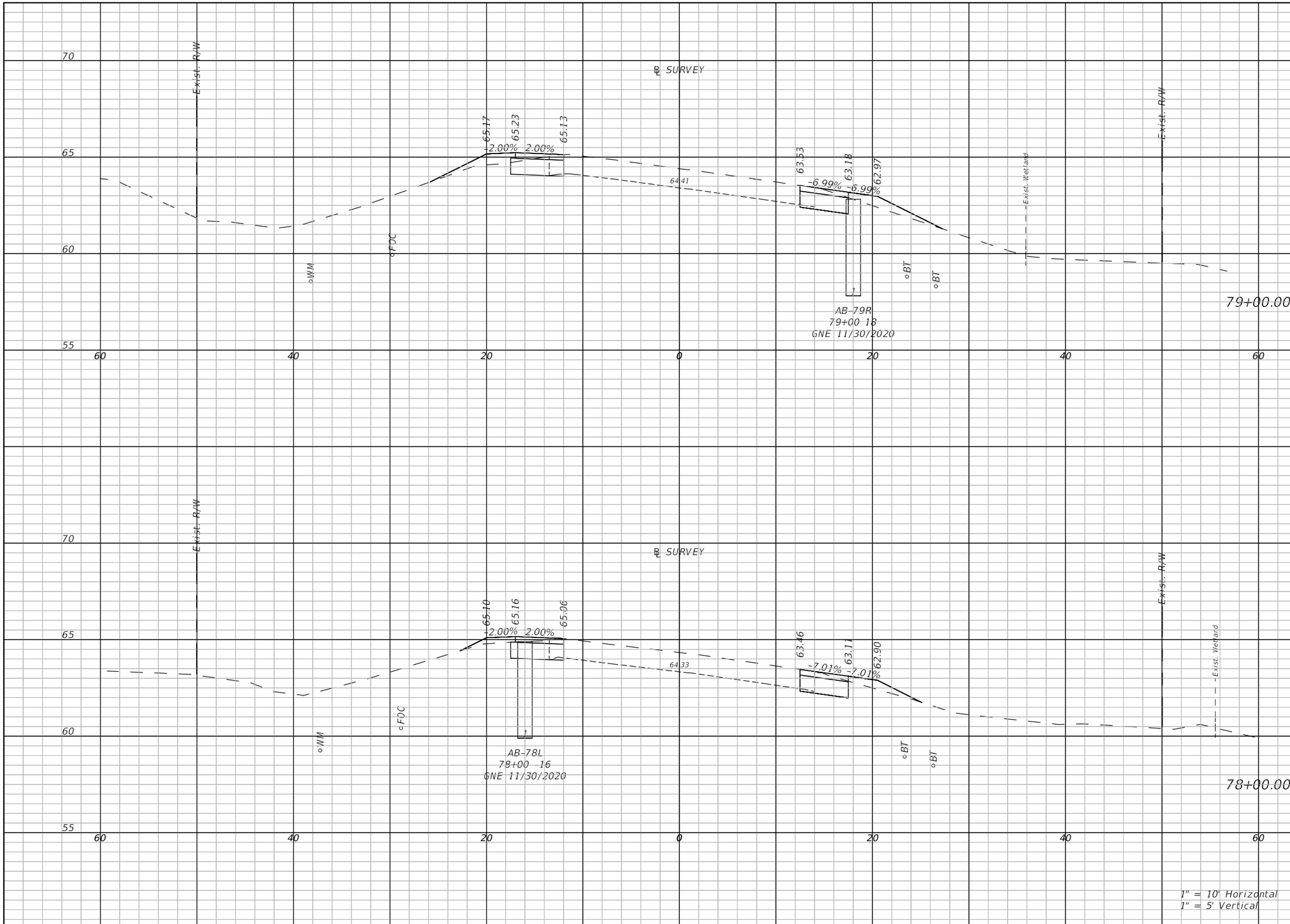
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (13)

SHEET NO.
60

John Hutchison 2/2/2021 9:00:35 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.1	37	6	24
10.4	37.9	3.3	17.2

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
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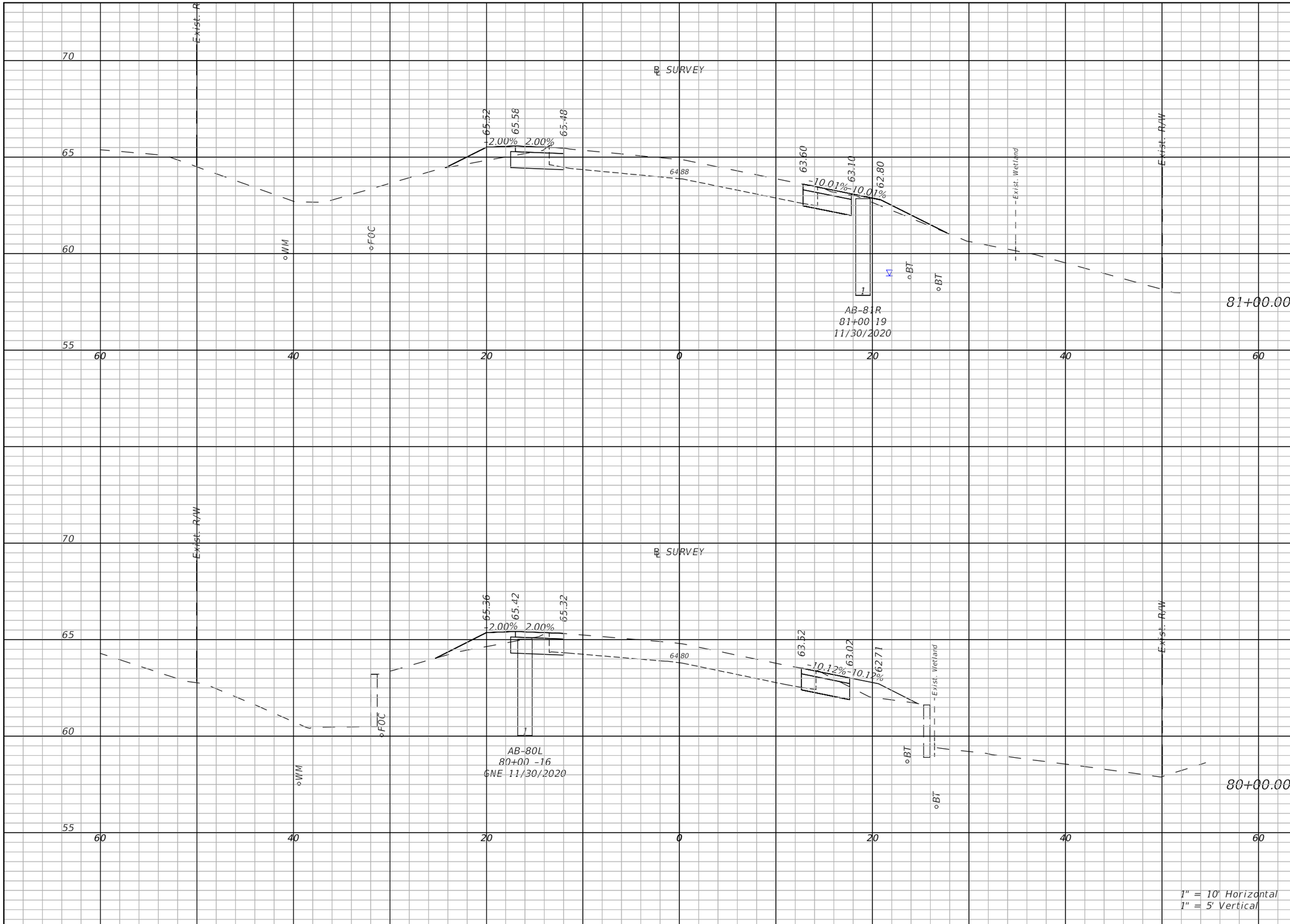
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (14)

SHEET NO.
61

John Hutchison 2/2/2021 9:00:39 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.5	38.5	4.7	18.7
10	37.9	7	21.5

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REVISIONS	
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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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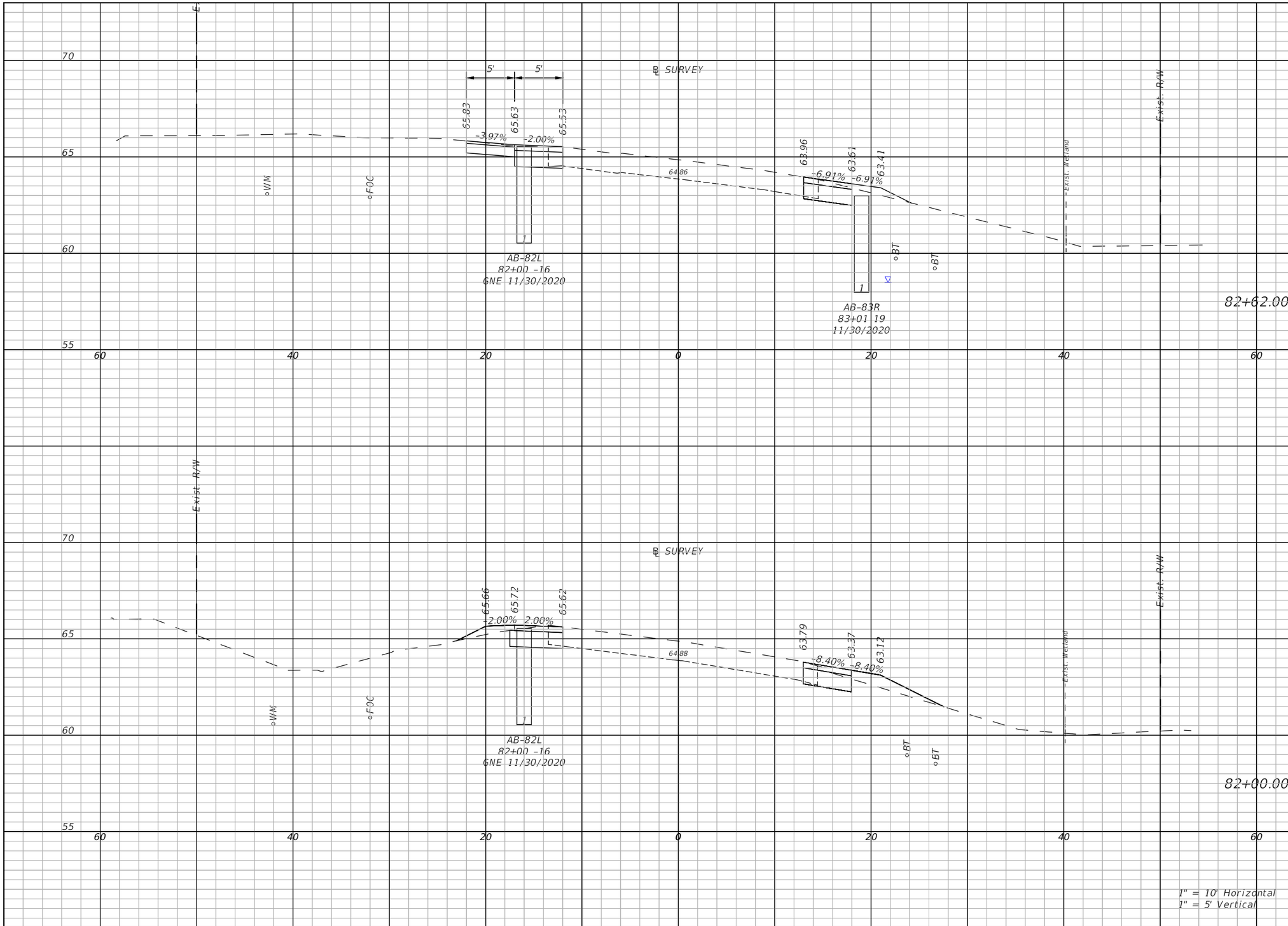
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (15)

SHEET NO.
62

John Hutchison 2/2/2021 9:00:43 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.6	60.3	1.6	23.8
10.3	27.4	5.5	8

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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

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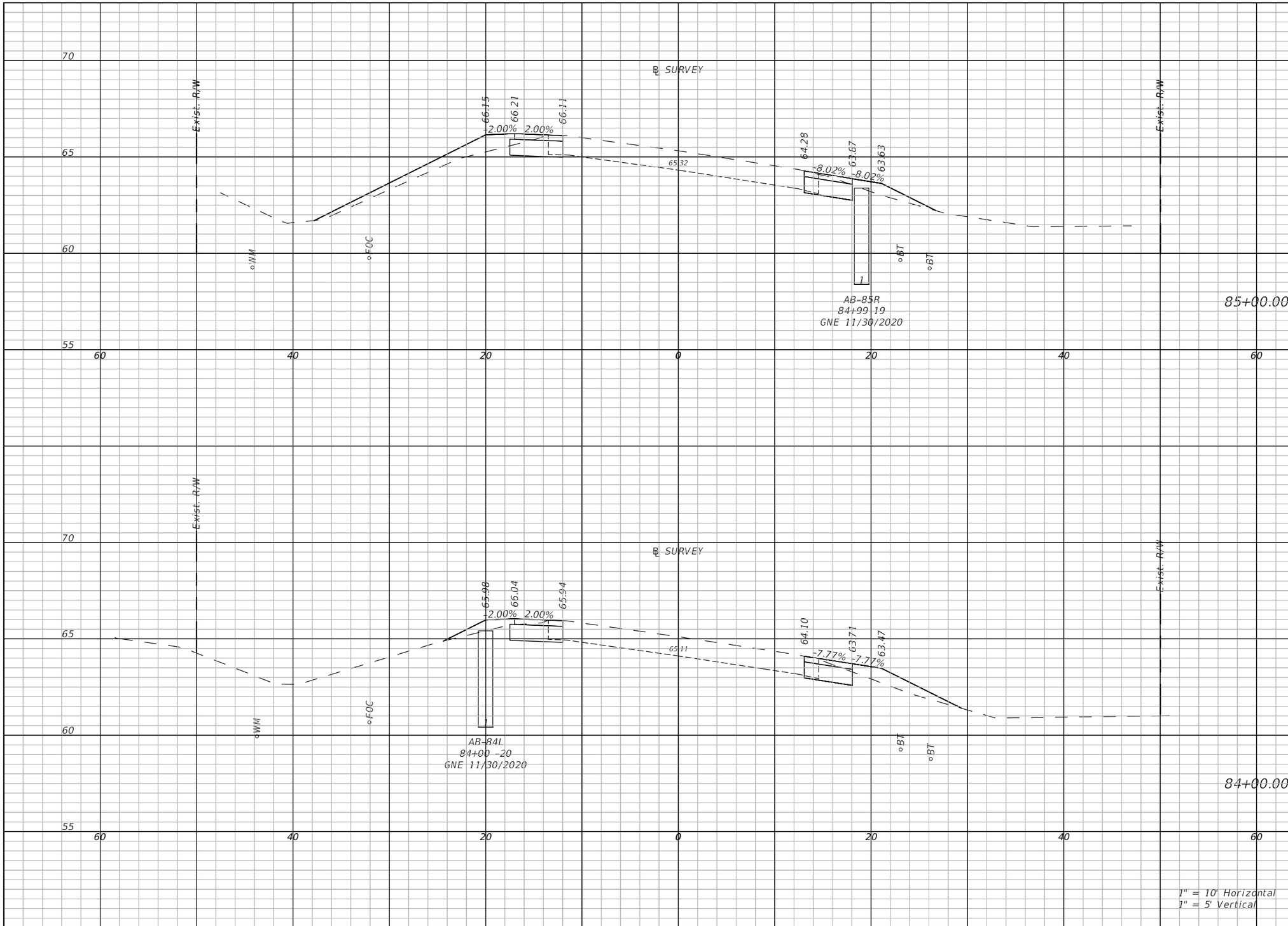
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (16)

SHEET NO.
63

John Hutchison 2/2/2021 9:00:47 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
9.9	36.4	12.8	46.4
10.1	36.9	7.8	37

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REVISIONS	
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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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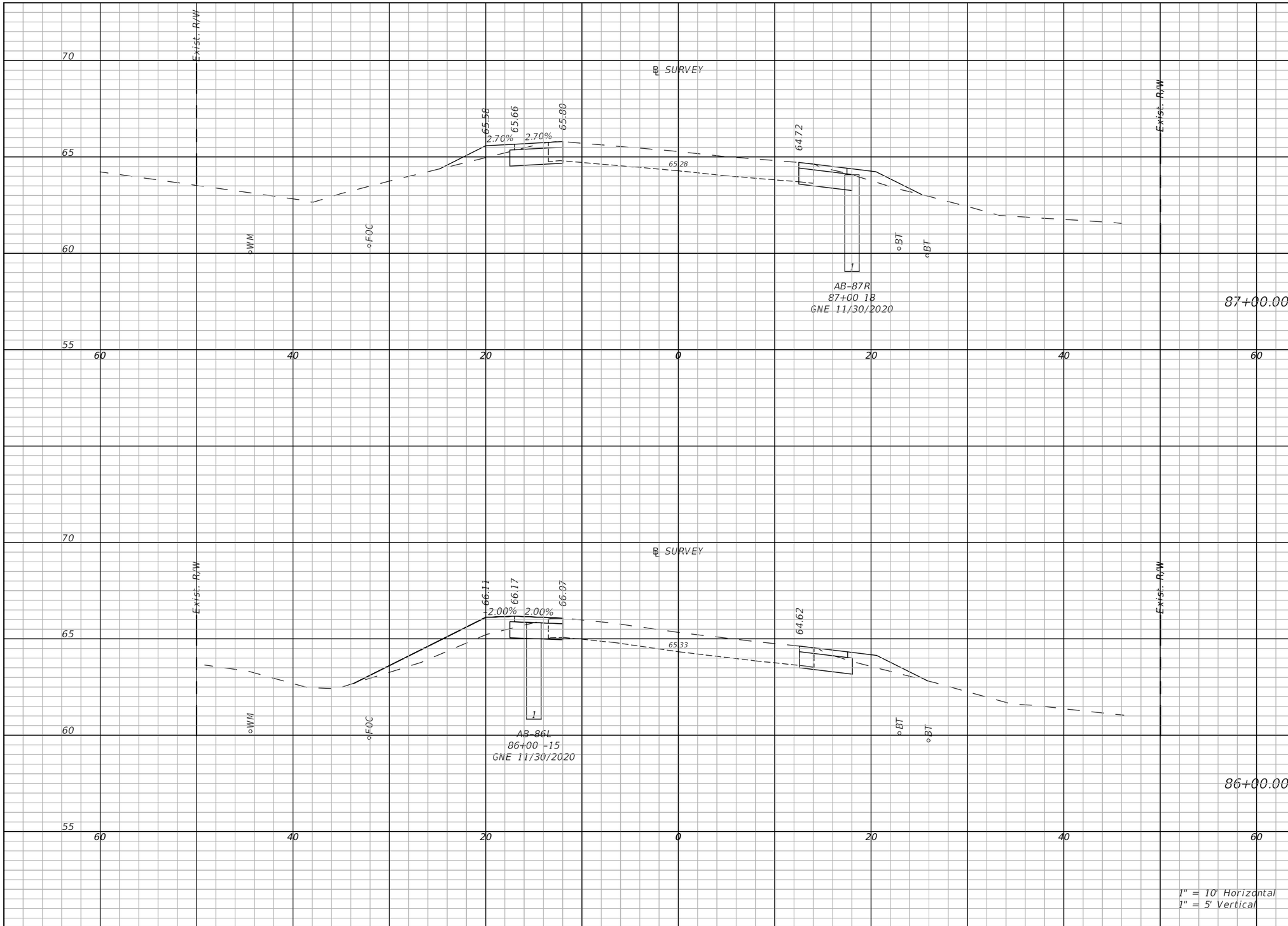
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (17)

SHEET NO.
64

John Hutchison 2/2/2021 9:00:50 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11	24.8	5.5	23.7
9.8	38.5	12.8	33.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

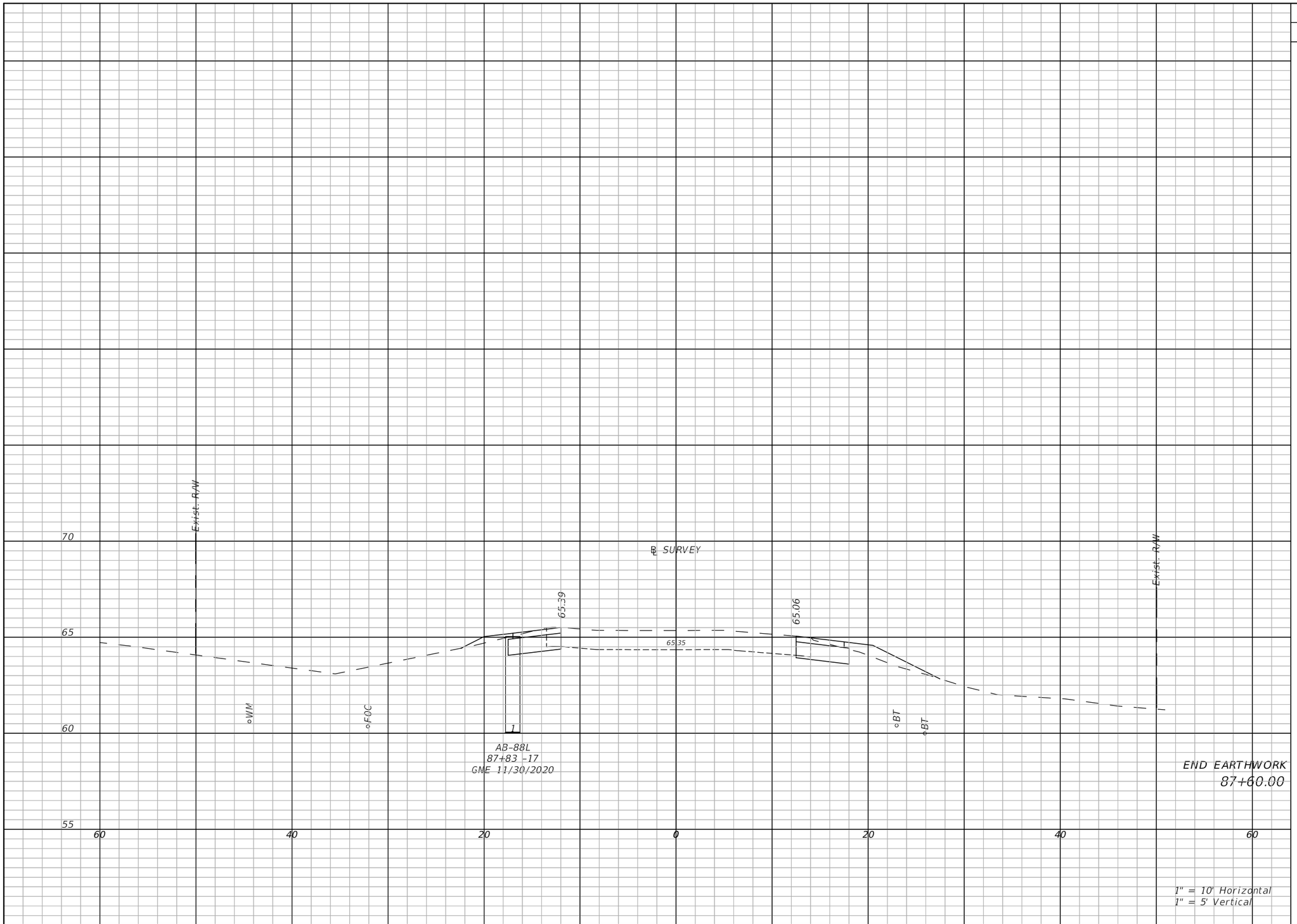
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (18)

SHEET NO.
65

John Hutchison 2/2/2021 9:00:54 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



END EARTHWORK
87+60.00

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.3		15.9	

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

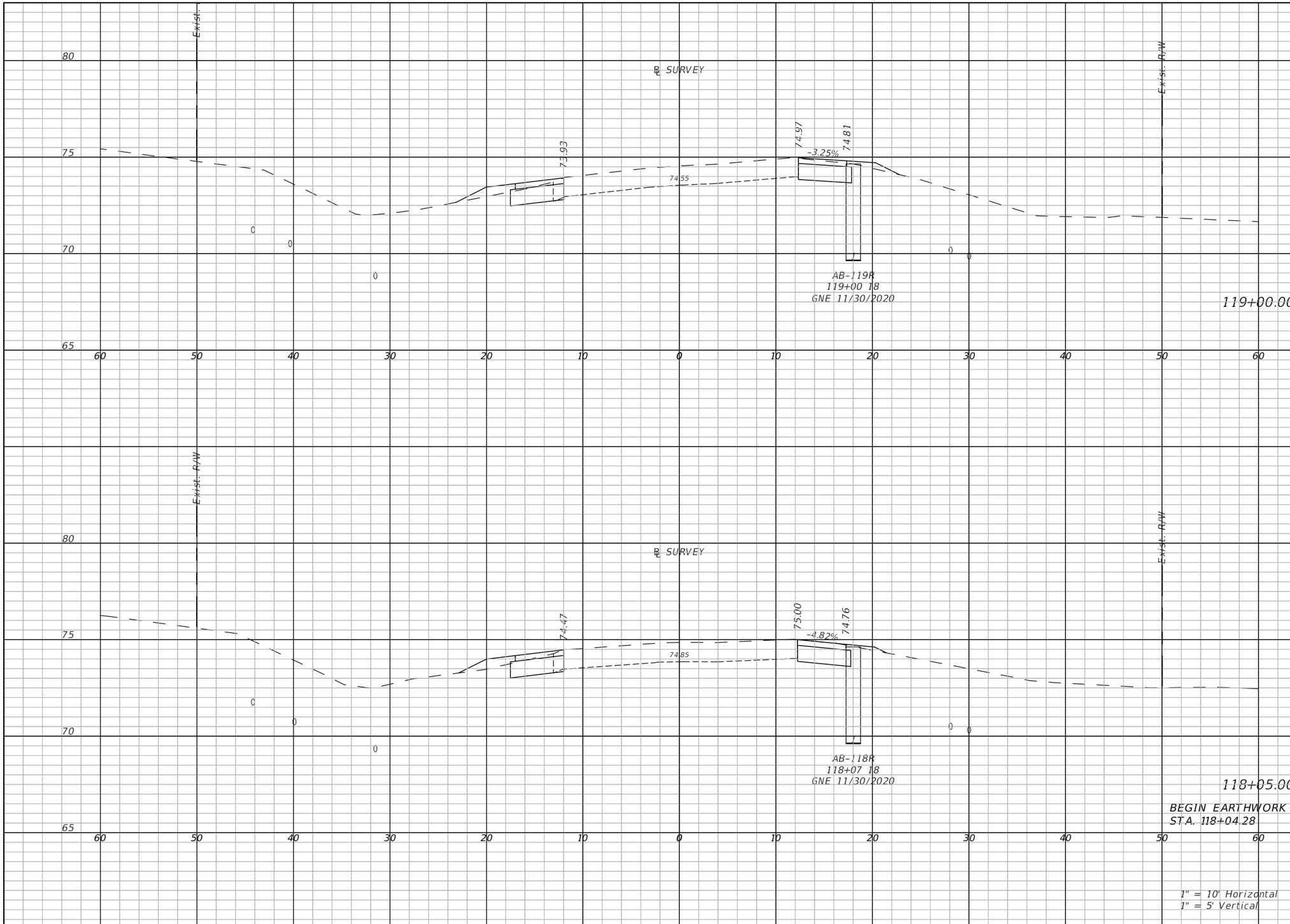
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (19)

SHEET NO.
66

John Hutchison 2/2/2021 9:00:57 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD03.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.5	41.7	3.1	7.2
11	37.8	2.5	9.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (20)

SHEET NO.
67

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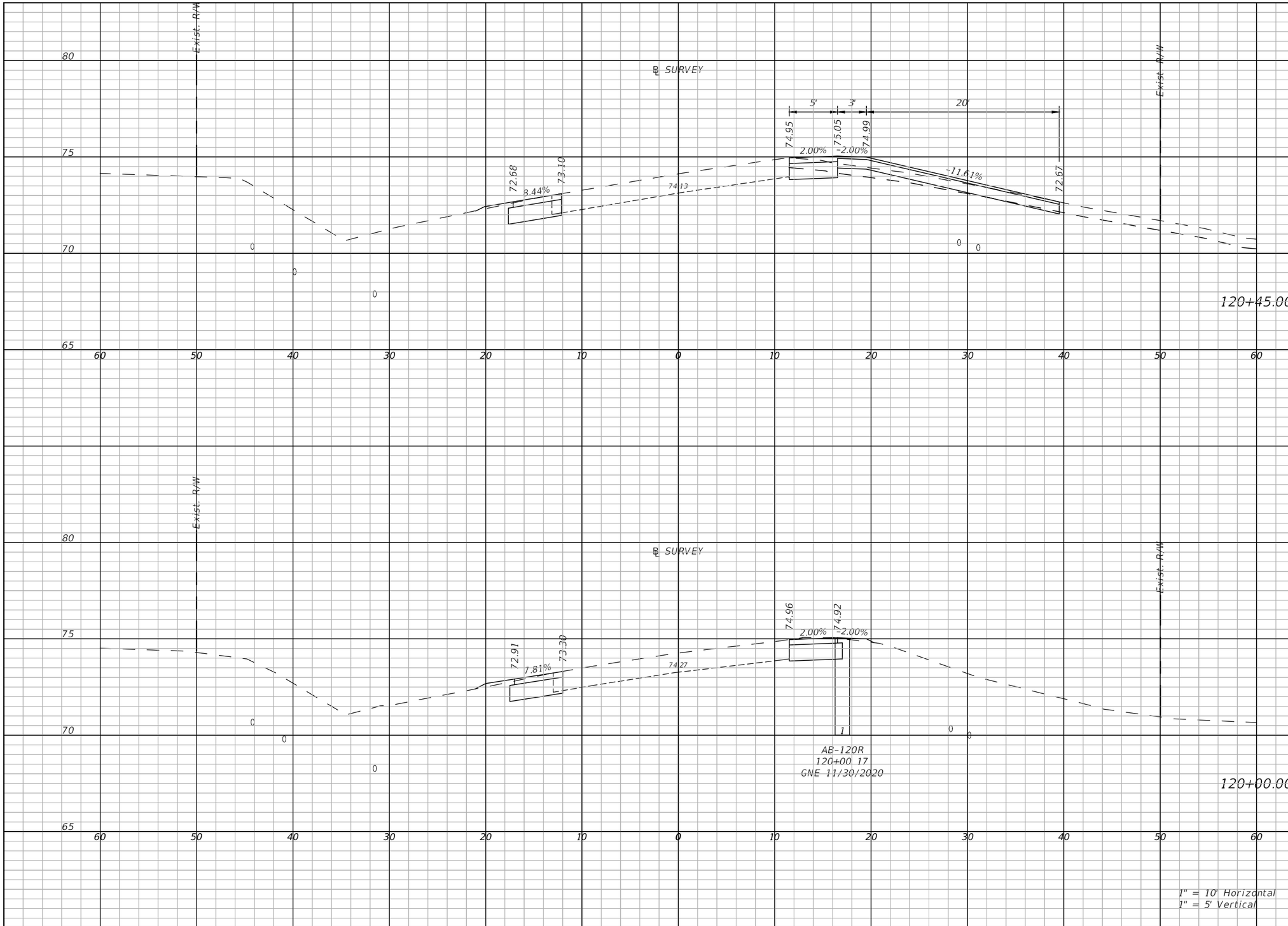

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
19.6	30.6	0.3	2.1
12	26.3	0.9	1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

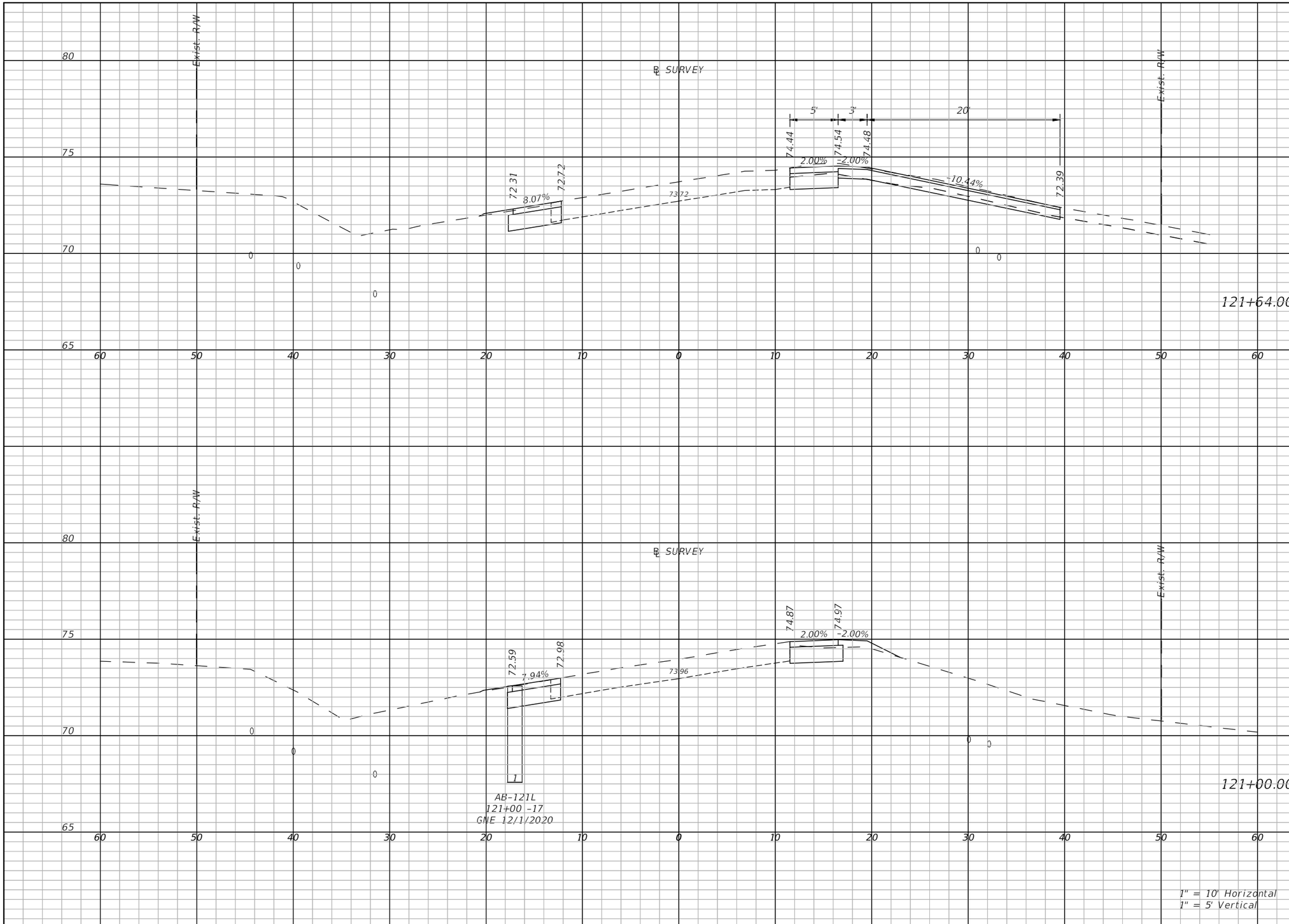
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (21)

SHEET NO.
68

John Hutchison 2/2/2021 9:01:39 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
27.2	24.9	0.3	2.7
10.5	44.6	1.8	2.4

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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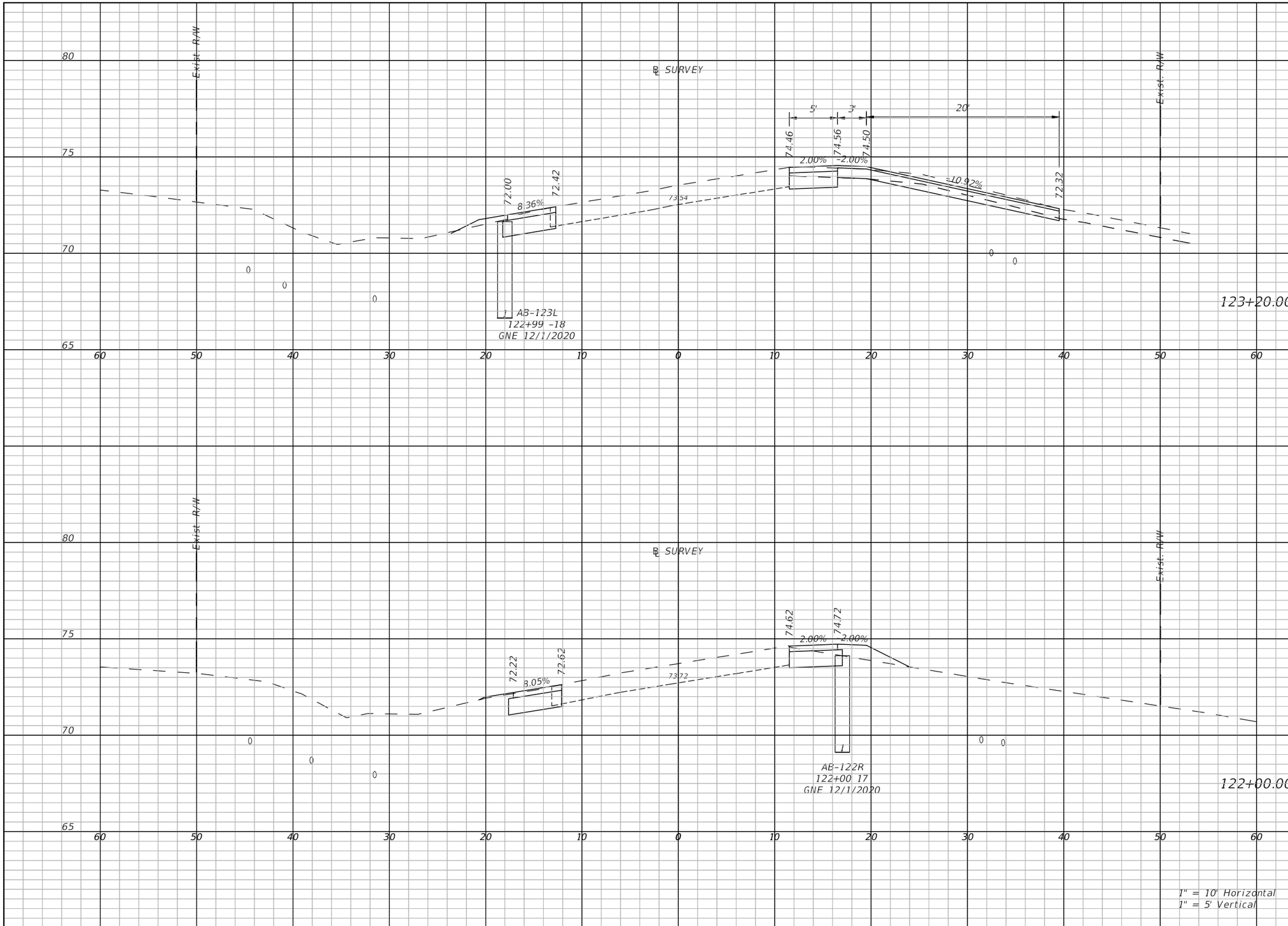
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (22)

SHEET NO.
69

John Hutchison 2/2/2021 9:01:46 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
26	55.6	1.2	2.7
10.2	80.3	3.7	10.8

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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

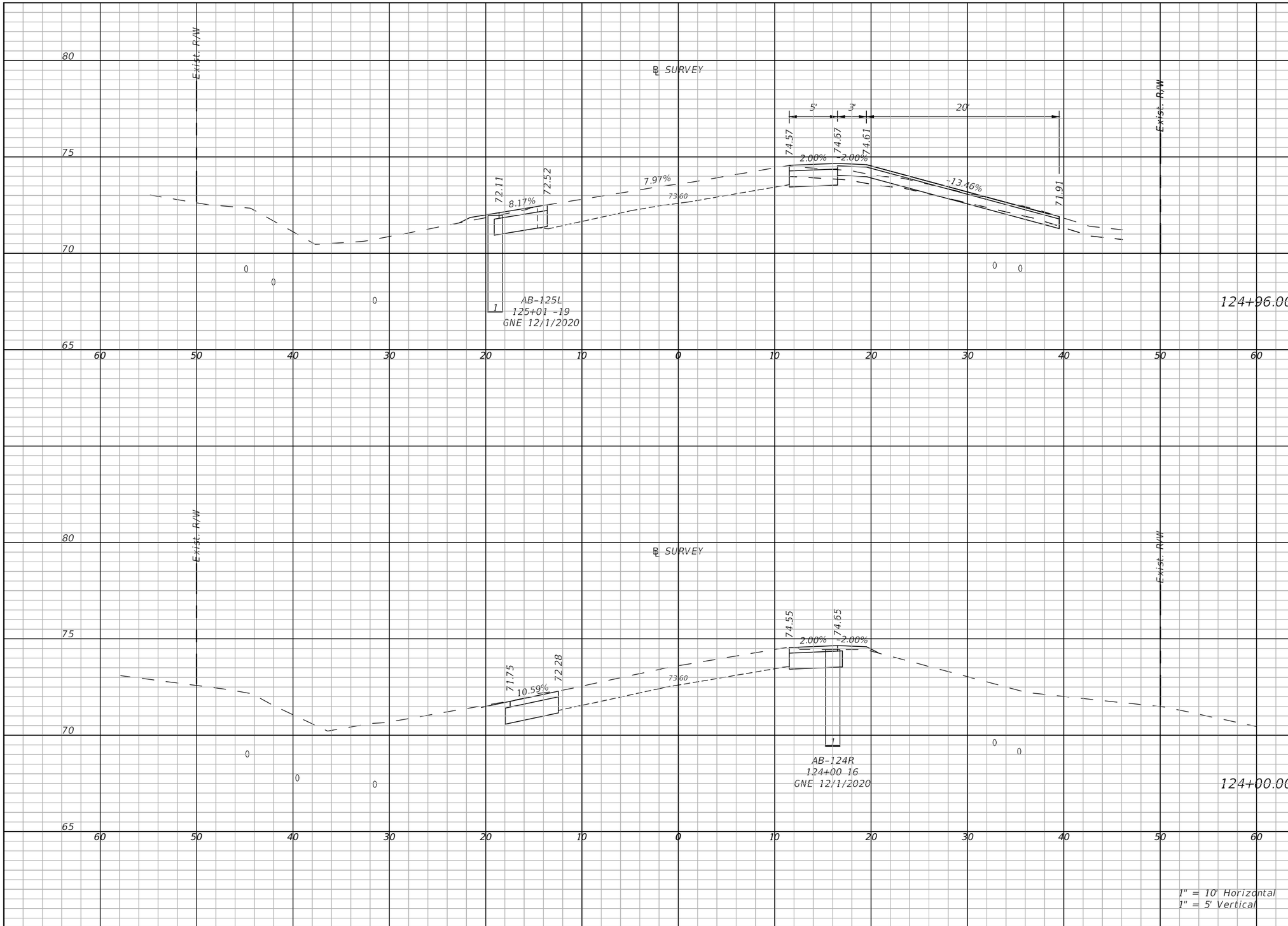
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (23)

SHEET NO.
70

John Hutchison 2/2/2021 9:01:54 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
21.4	59.1	0.6	1.3
11.6	58.7	0.7	2.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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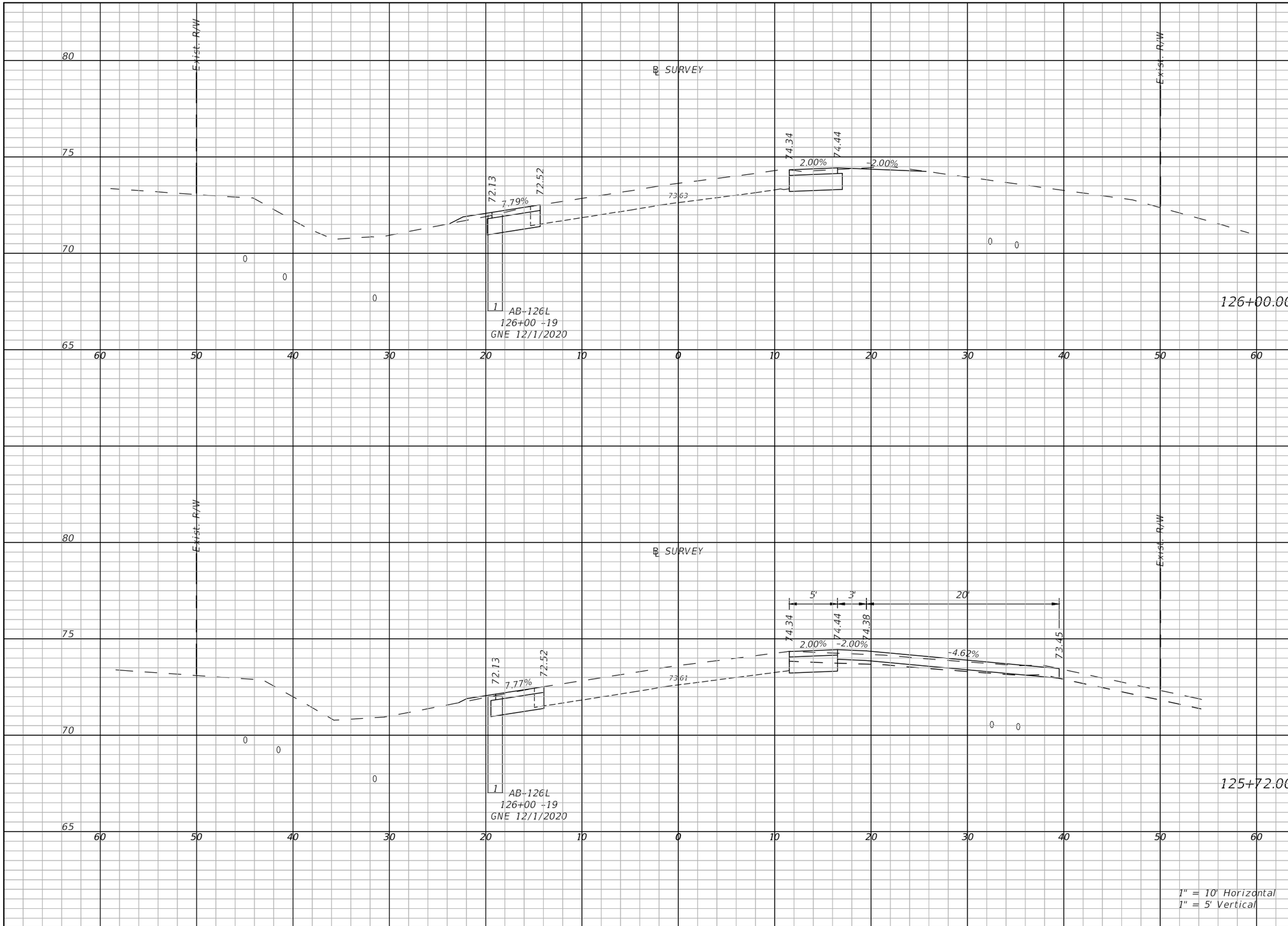
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (24)

SHEET NO.
71

John Hutchison 2/2/2021 9:02:01 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.4	27.9	0.7	1.1
20.6	17.1	0.4	0.5

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REVISIONS	
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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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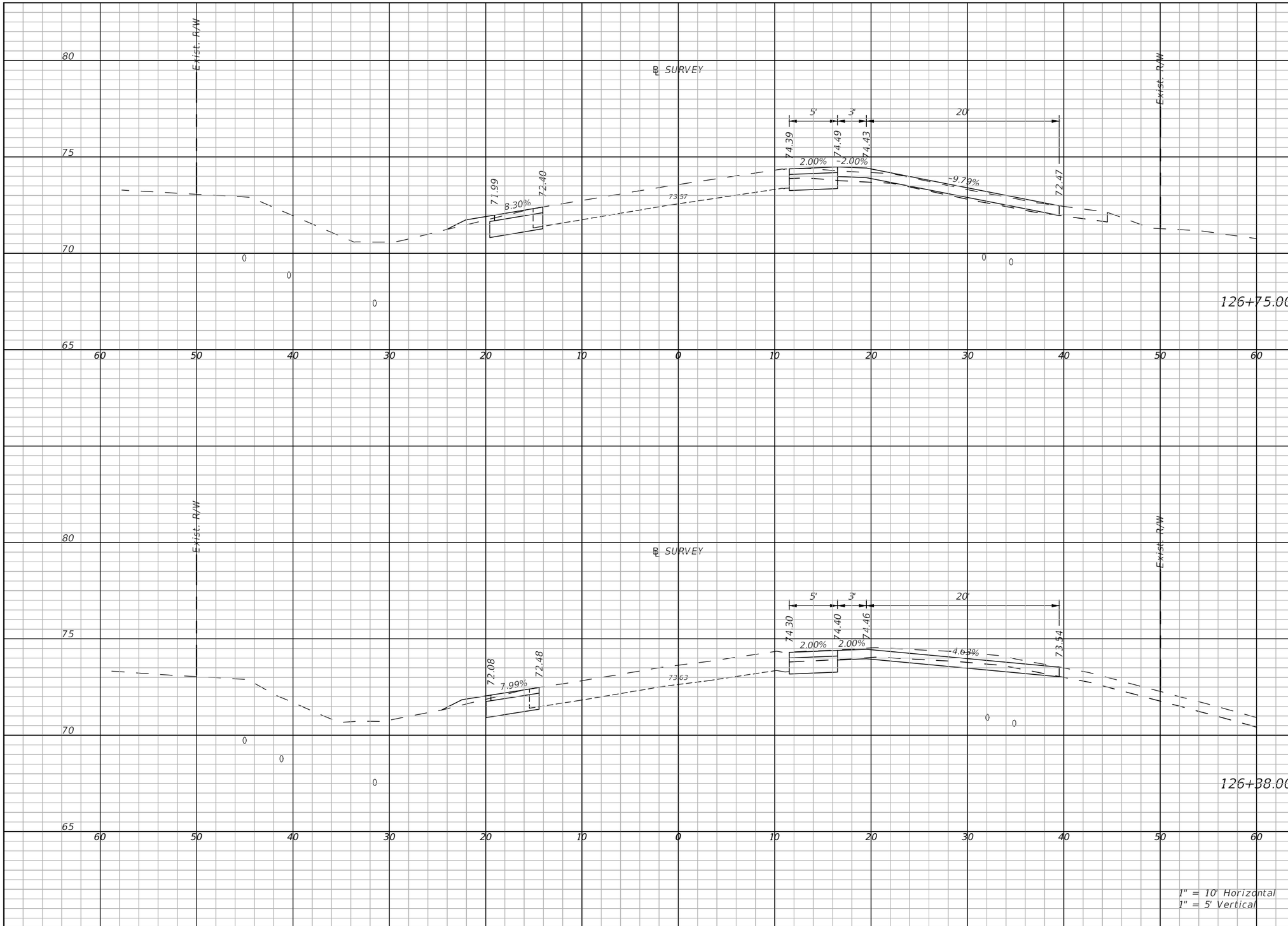
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (25)

SHEET NO.
72

John Hutchison 2/2/2021 9:02:08 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
22.9	15.5	0.9	2.1
27.3	34.4	0.9	1.2

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

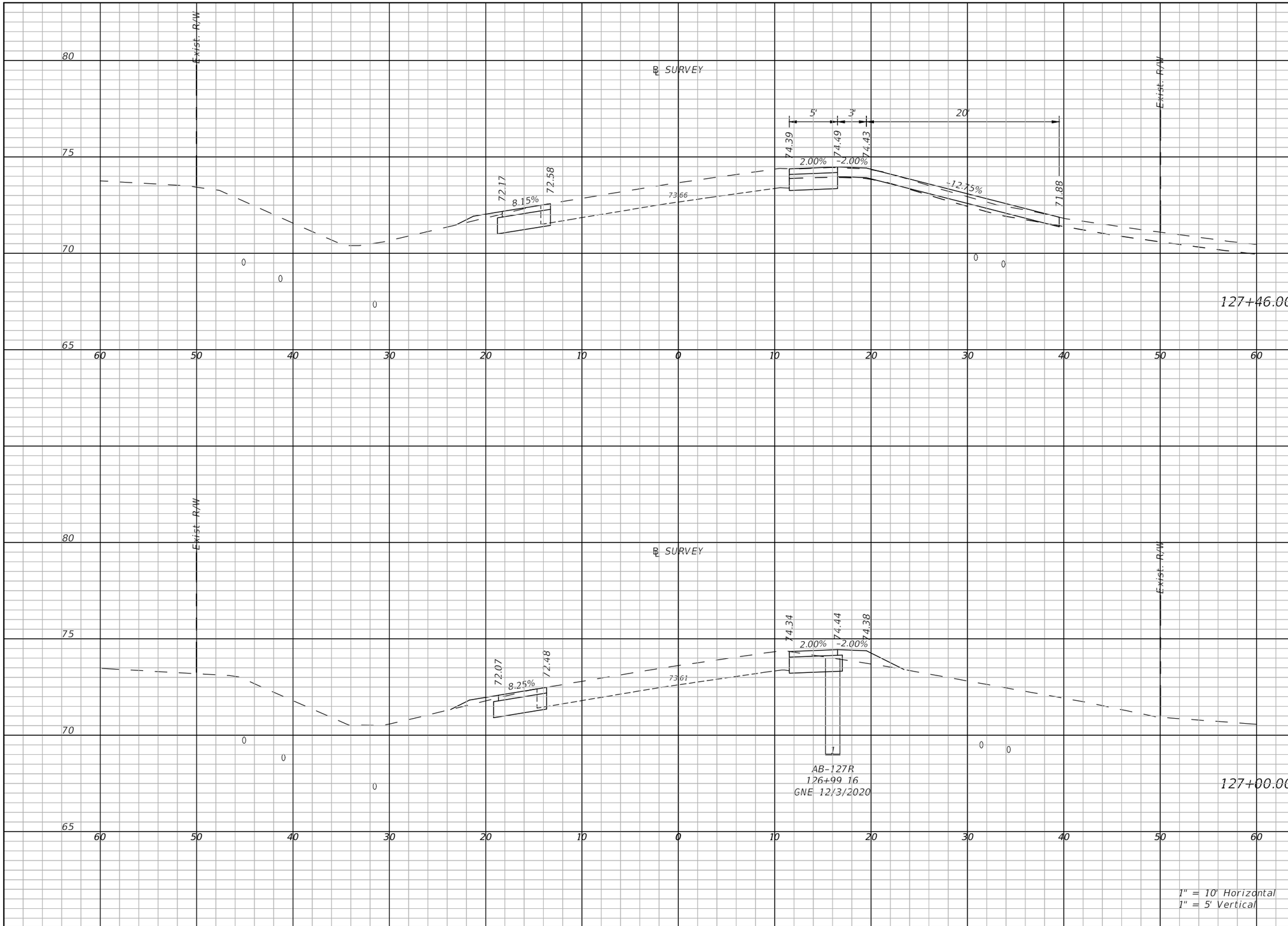
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (26)

SHEET NO.
73

John Hutchison 2/2/2021 9:02:15 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
23	24.6	0.8	0.9
10.6	28.5	3.7	3.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

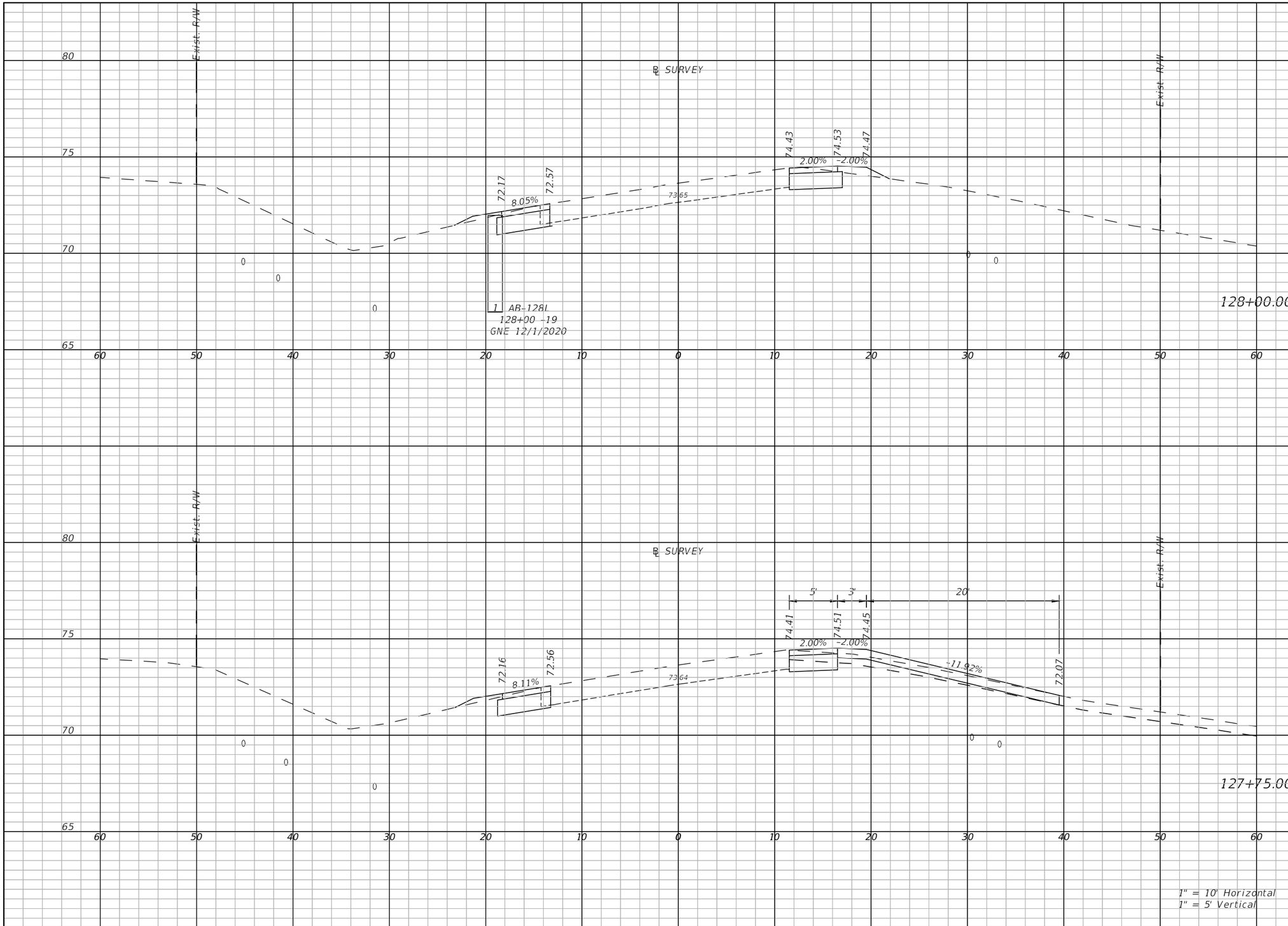
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (27)

SHEET NO.
74

John Hutchison 2/2/2021 9:02:22 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.6	11.4	2.4	1.1
22.9	15.9	0.9	1.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (28)

SHEET NO.
75

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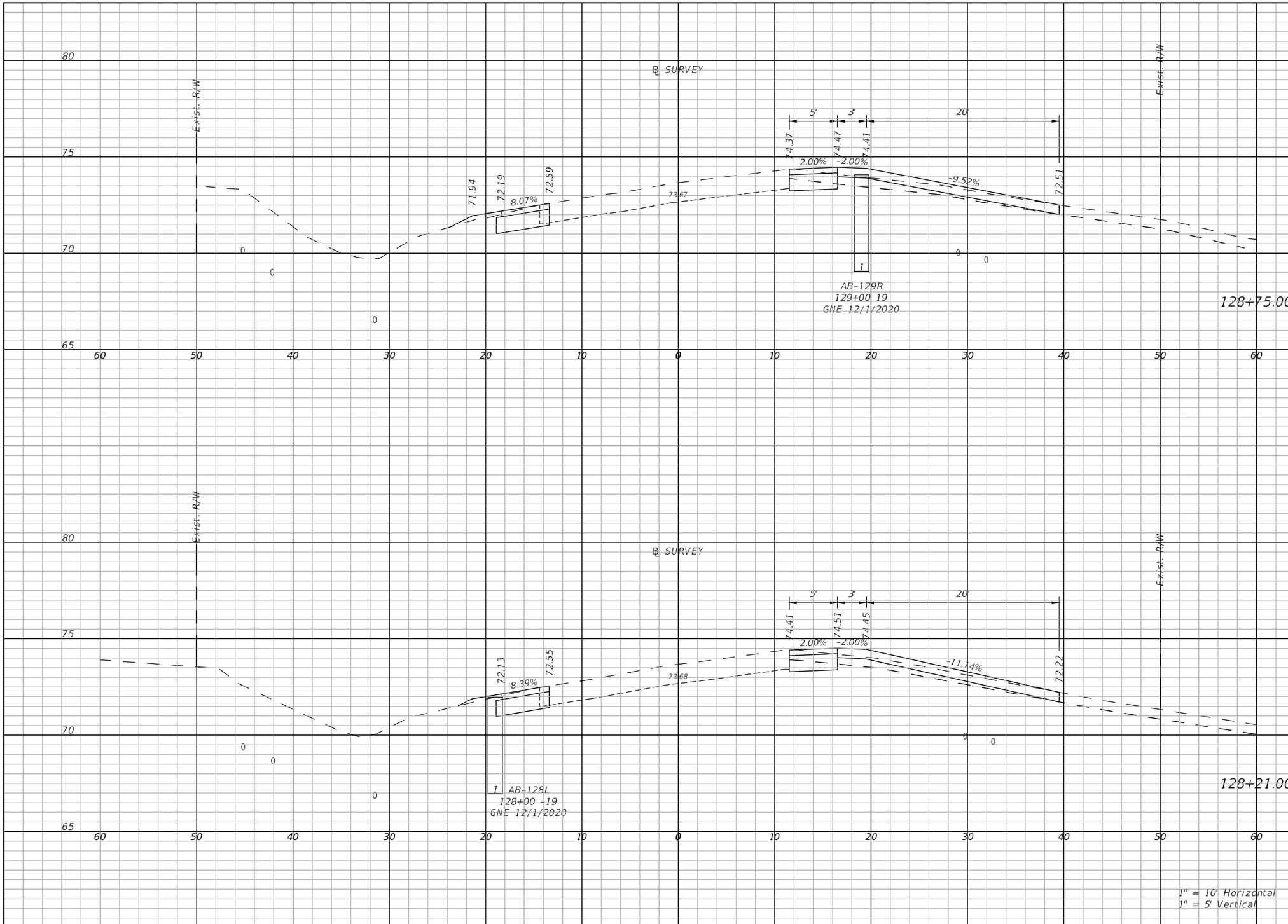

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
22.9	15.6	1	2
17.7	40.6	0.6	1.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

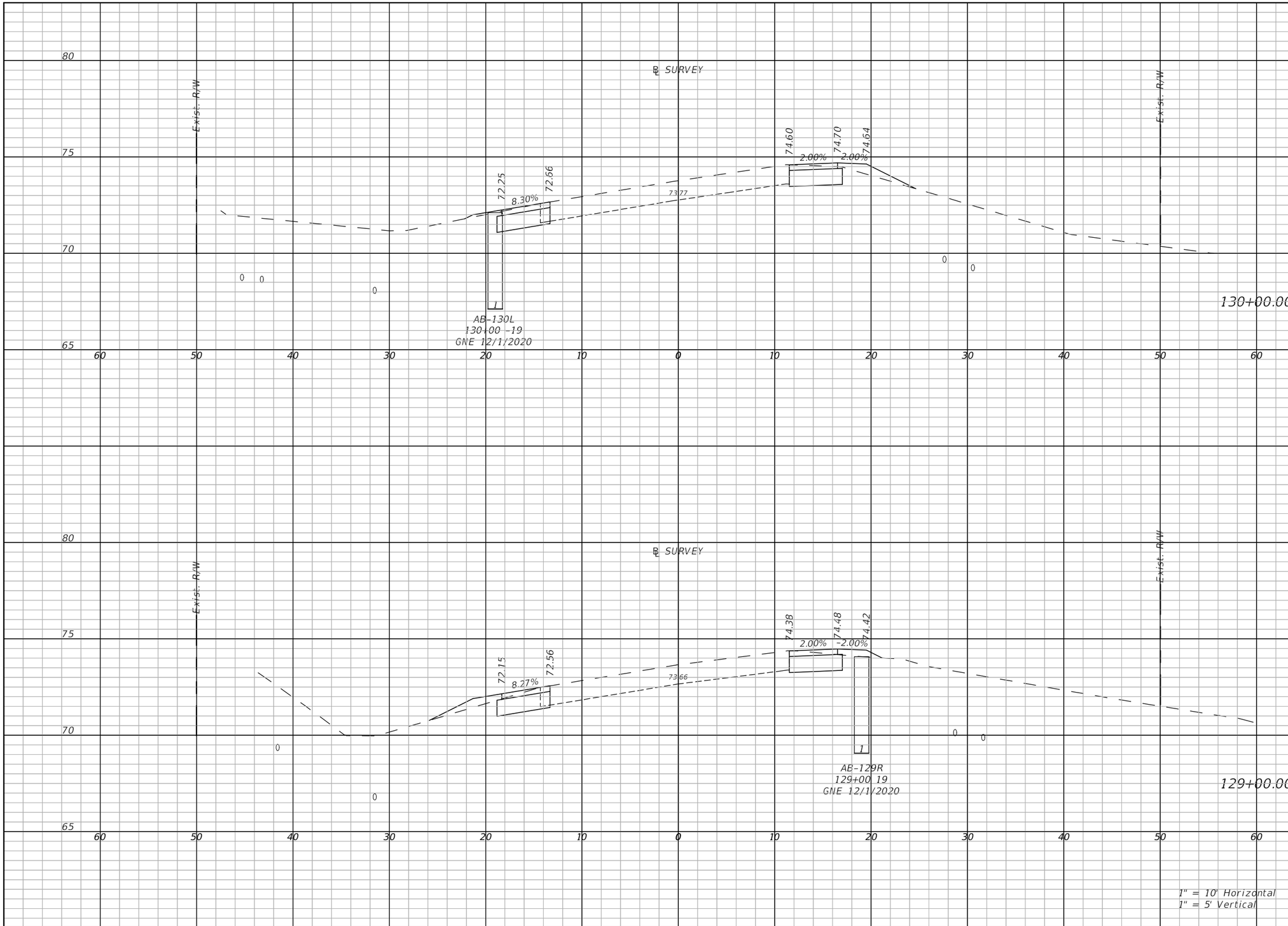
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (29)

SHEET NO.
76

John Hutchison 2/2/2021 9:02:37 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.5	41.7	2.7	4
10.9	41.4	3.4	11.3

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

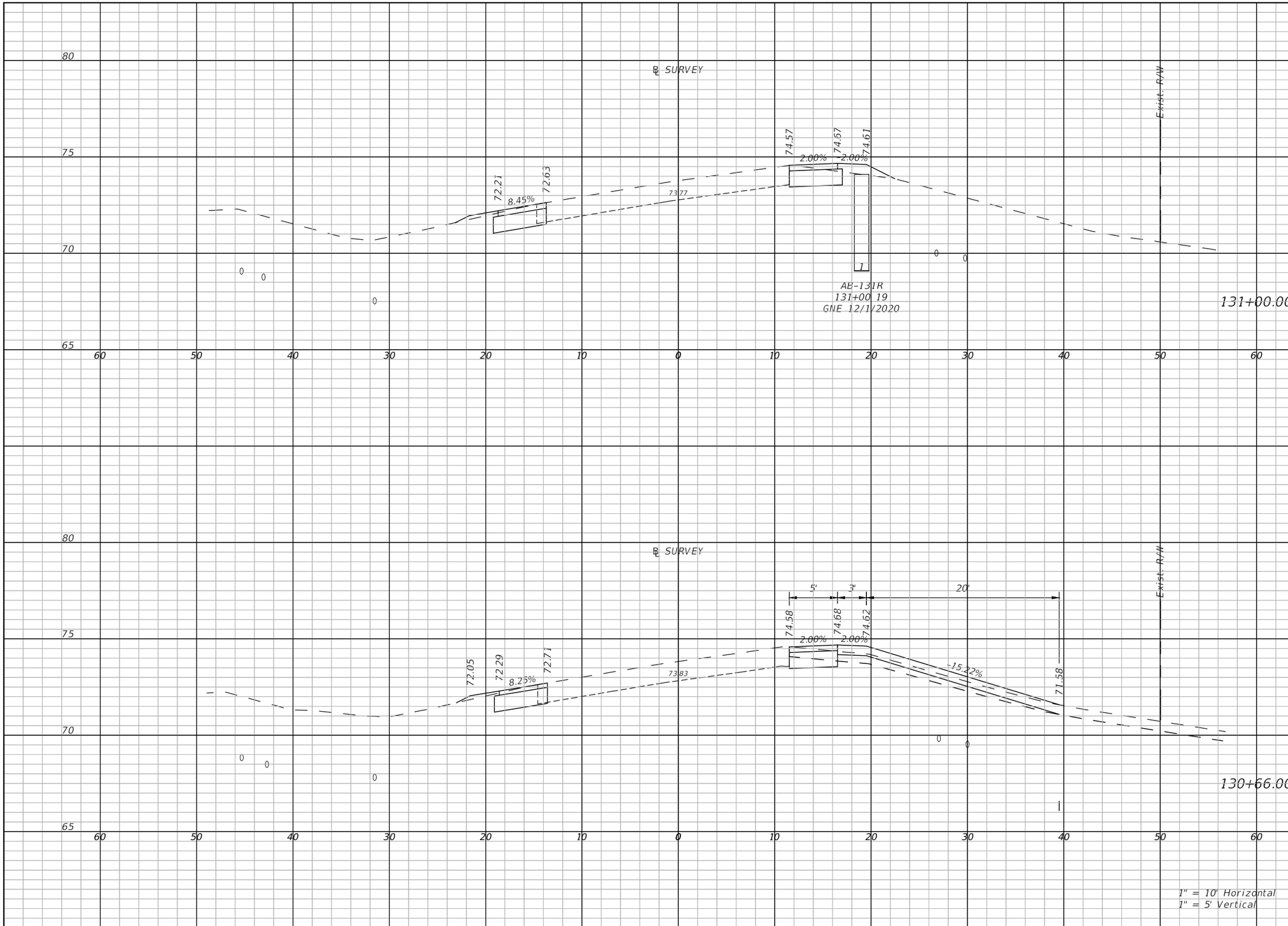
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (30)

SHEET NO.
77

John Hutchison 2/2/2021 9:02:44 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.9	26.3	3.4	2.1
22.7	21.1	0.6	2.1

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (31)

SHEET NO.
78

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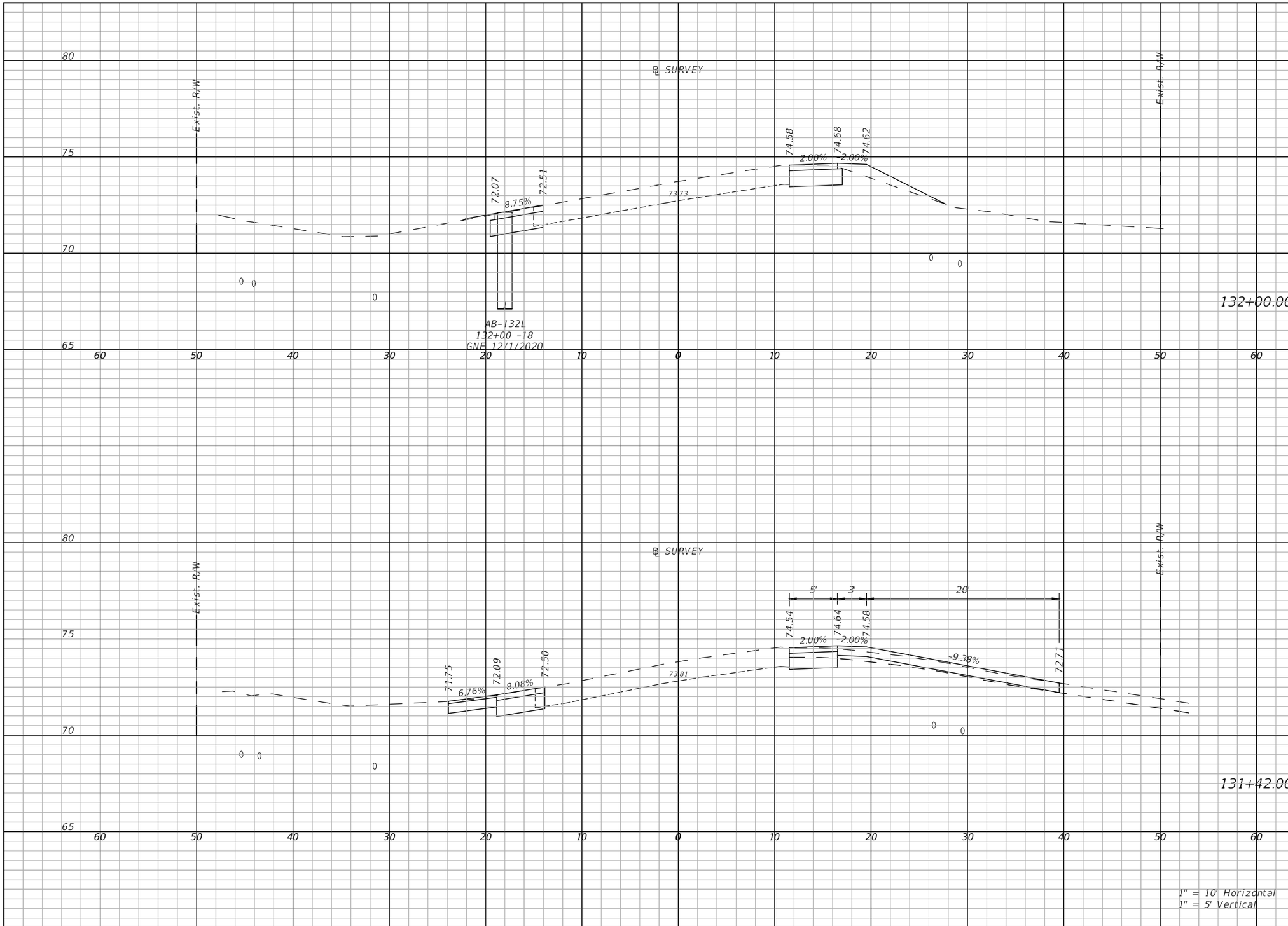

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12	39.8	3.9	24.2
22.9	37.4	0	4.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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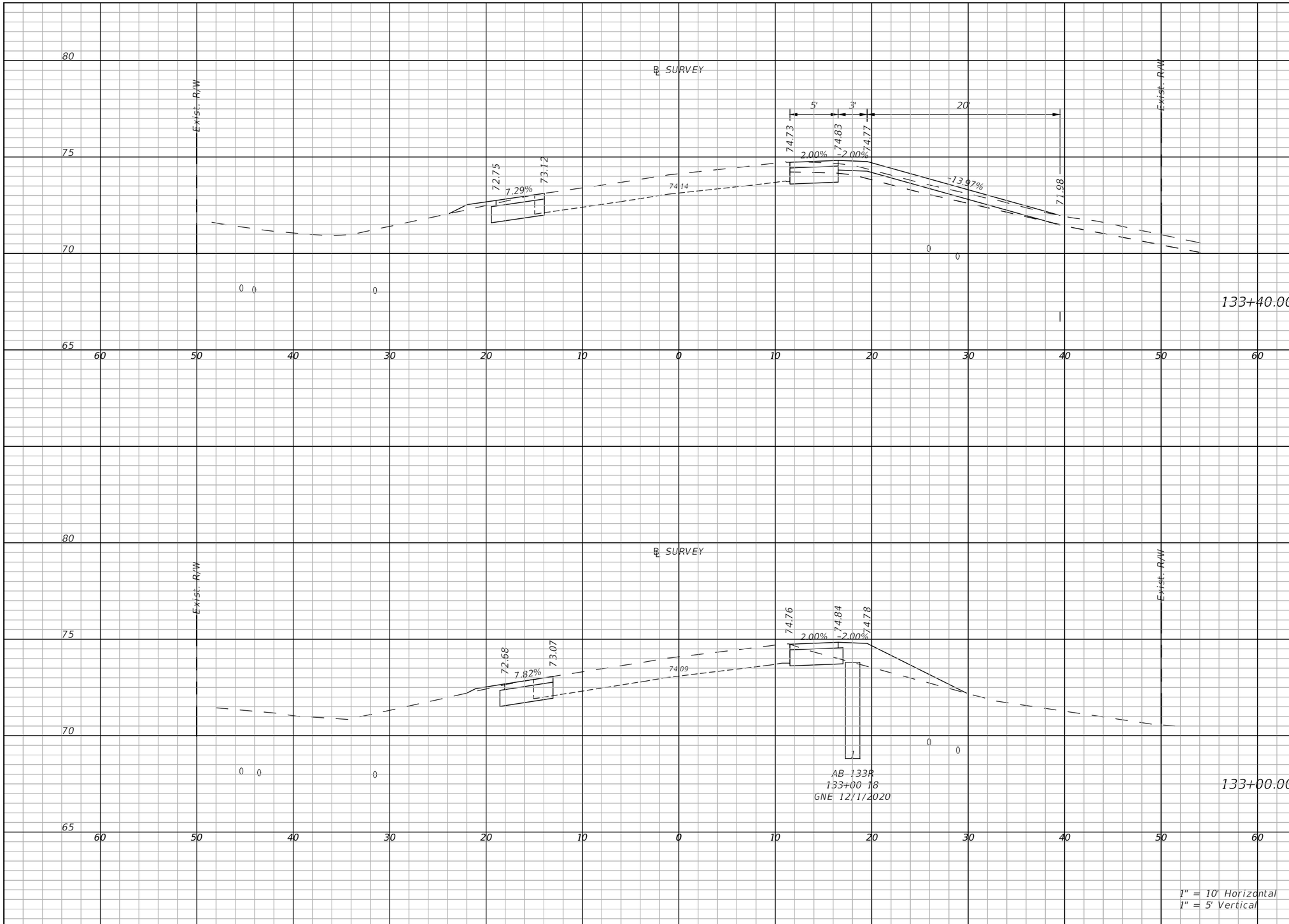
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (32)

SHEET NO.
79

John Hutchison 2/2/2021 9:02:59 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
17.4	38.3	0.9	0.9
9.6	20	9.2	7.4

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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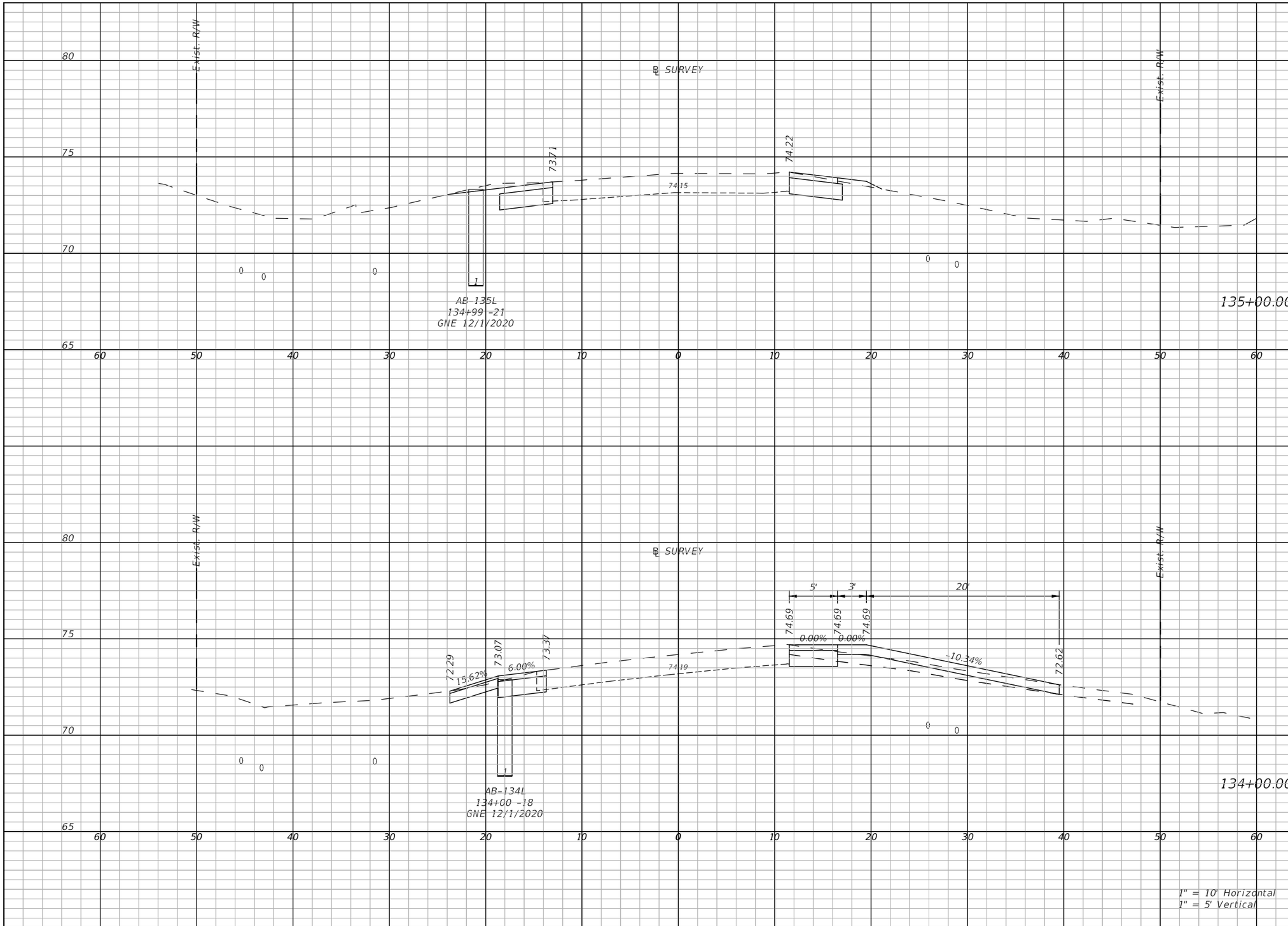
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (33)

SHEET NO.
80

John Hutchison 2/2/2021 9:03:06 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.2	21.2	0.9	1.0
17.1	55.9	0	1.6

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
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TAVARES, FL 32778

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CERTIFICATE OF AUTHORIZATION 9853

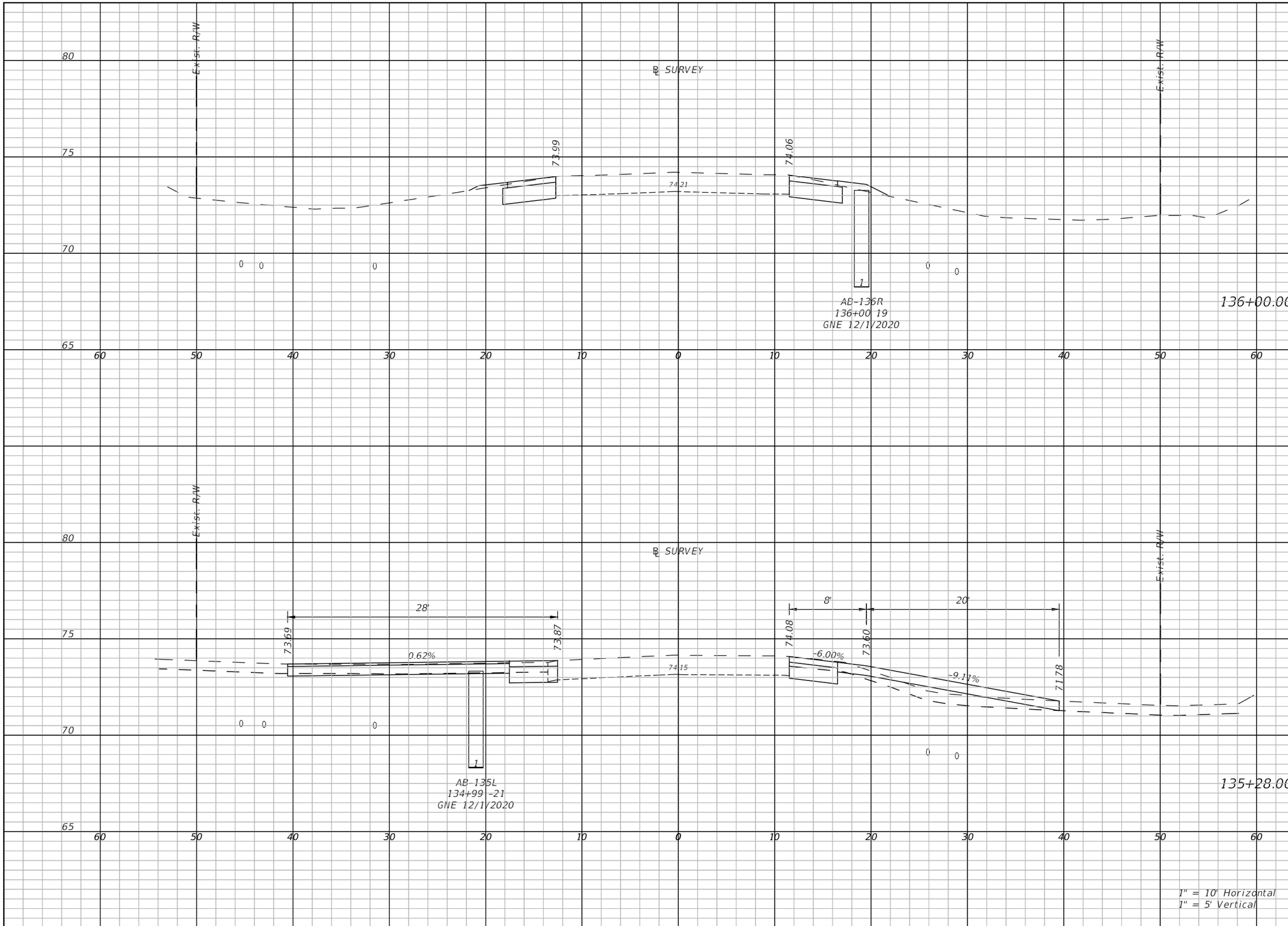
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (34)

SHEET NO.
81

John Hutchison 2/2/2021 9:03:13 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.4	23.8	1.8	2.1
27.8	52.1	1.2	3.9

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

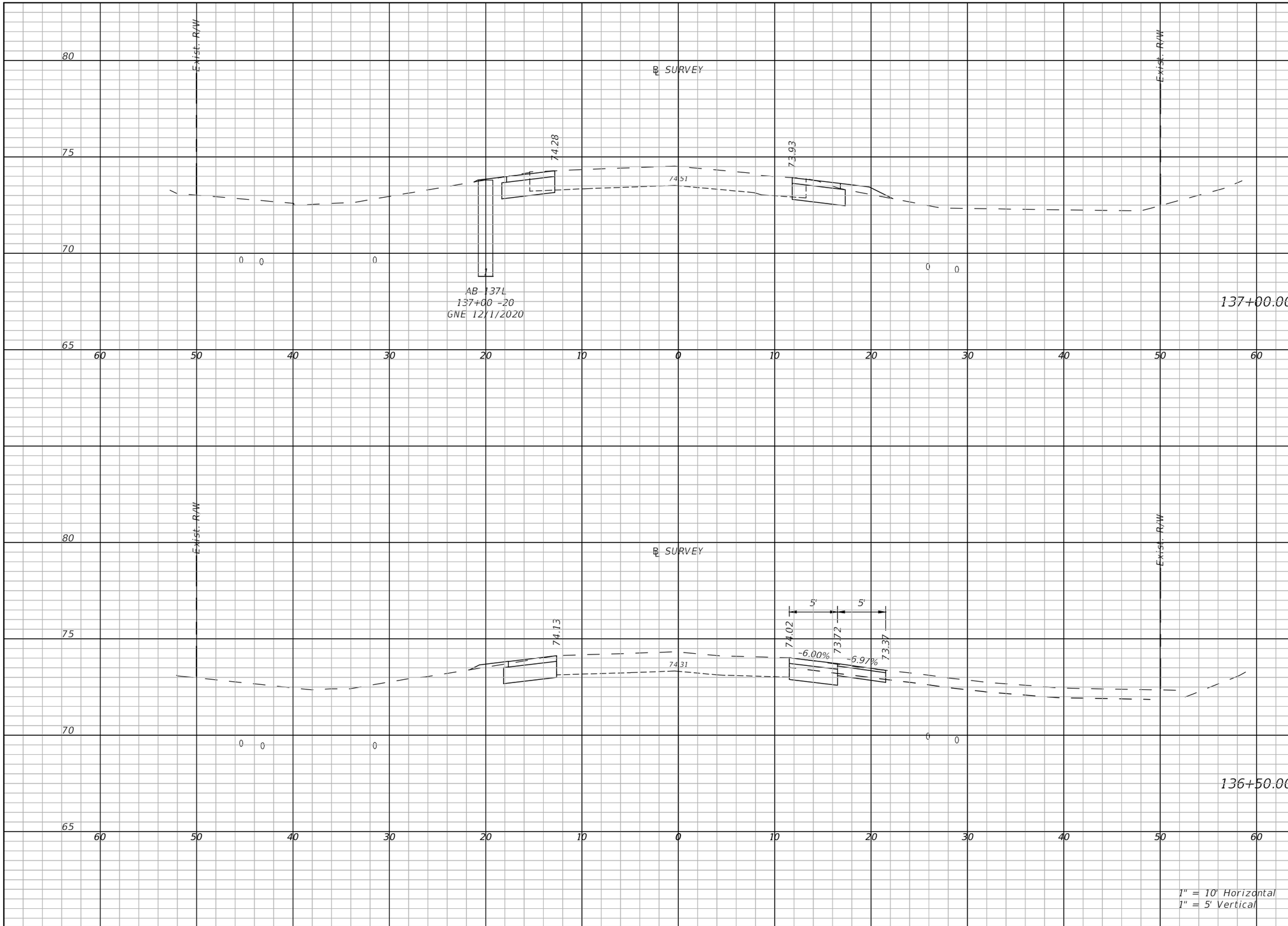
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (35)

SHEET NO.
82

John Hutchison 2/2/2021 9:03:20 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12	10.5	1.5	1
14.3	24.4	0.5	1.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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ORLANDO, FL 32810
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (36)

SHEET NO.
83

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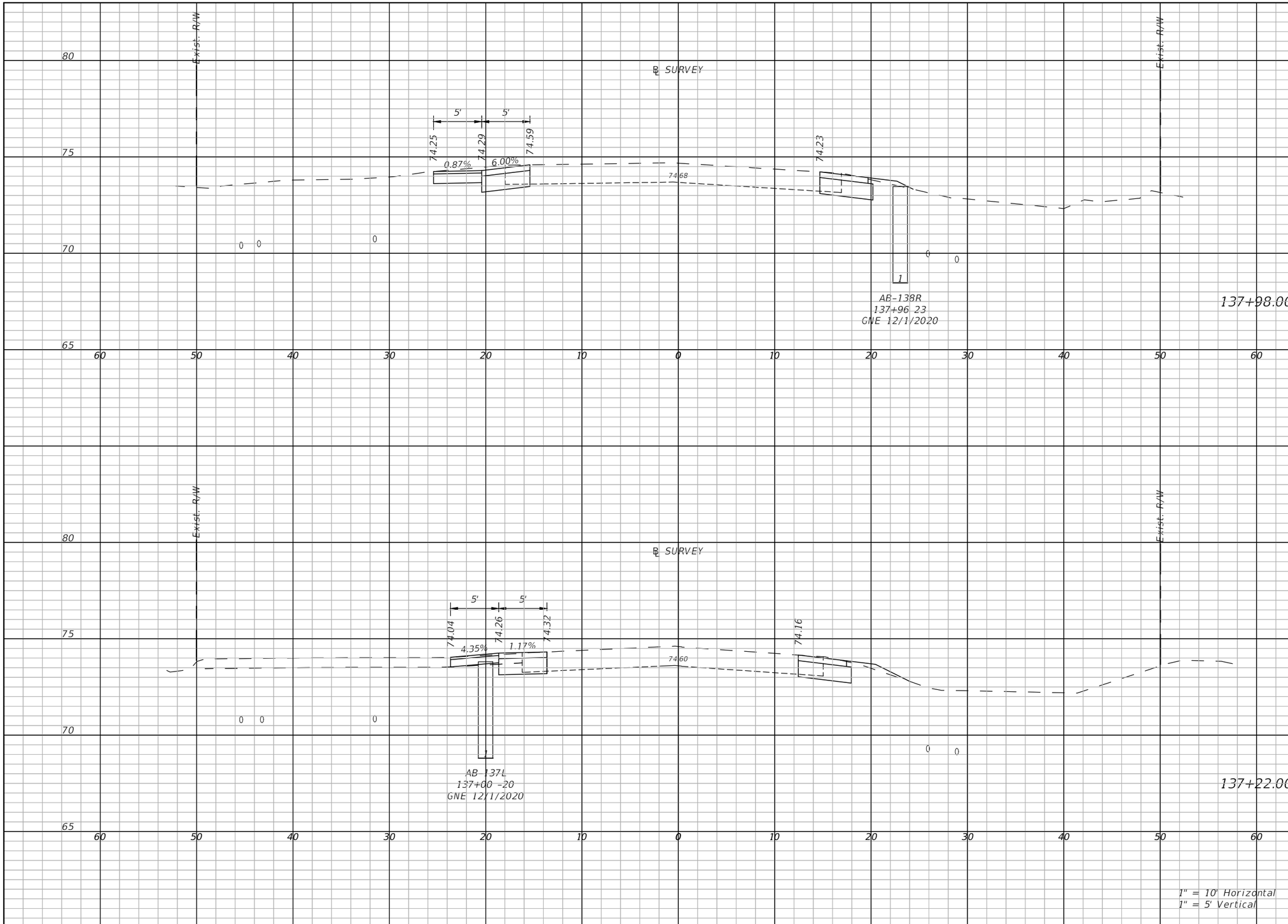

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
15.9	7.8	0.7	0.3
13.9	41.9	1	2.3

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (37)

SHEET NO.
84

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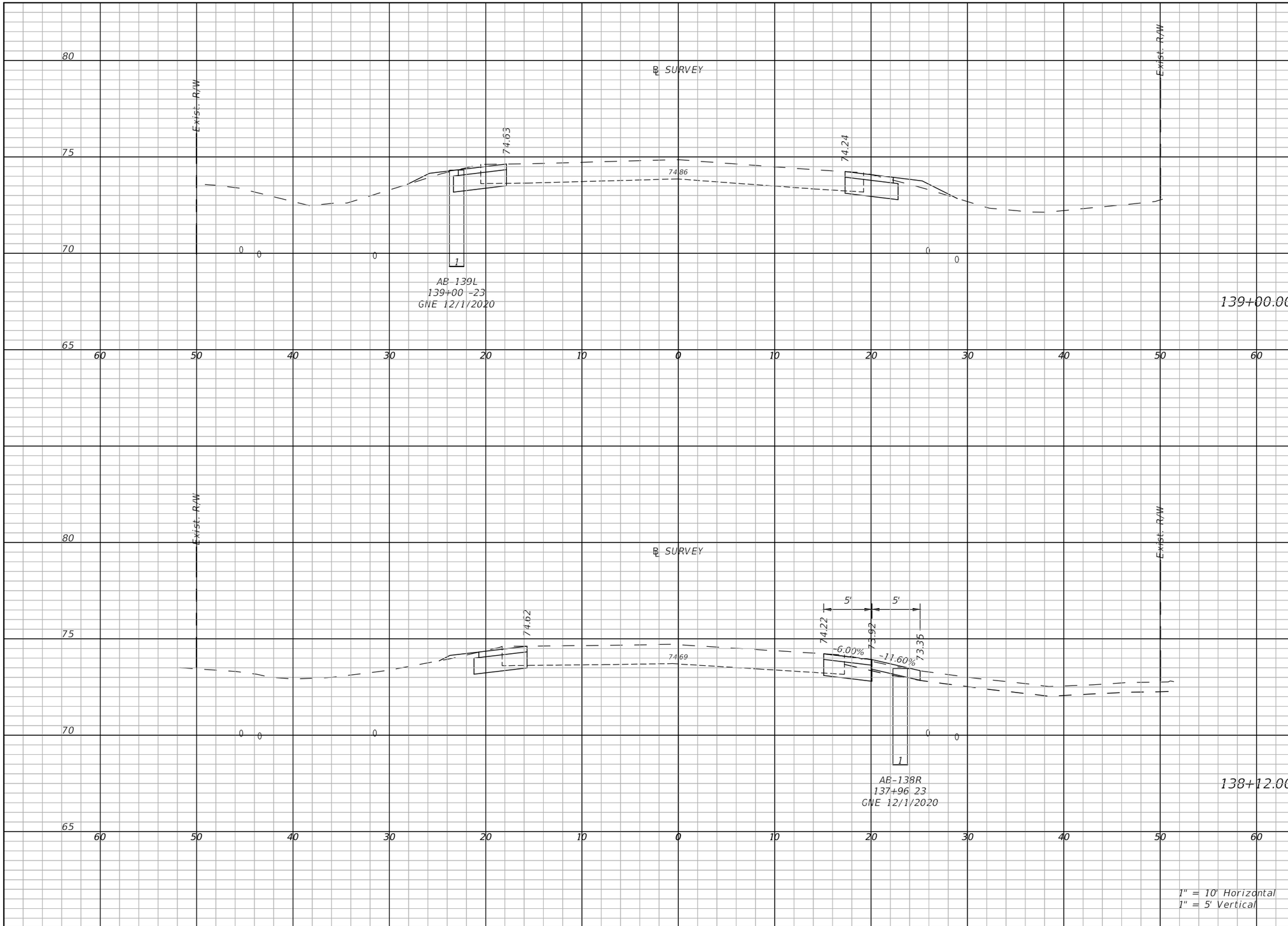

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.4	45.5	2.0	7.9
14.3	43.3	0.4	3.7

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REVISIONS	
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LAKE COUNTY, FL
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TAVARES, FL 32778

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (38)

SHEET NO.
85

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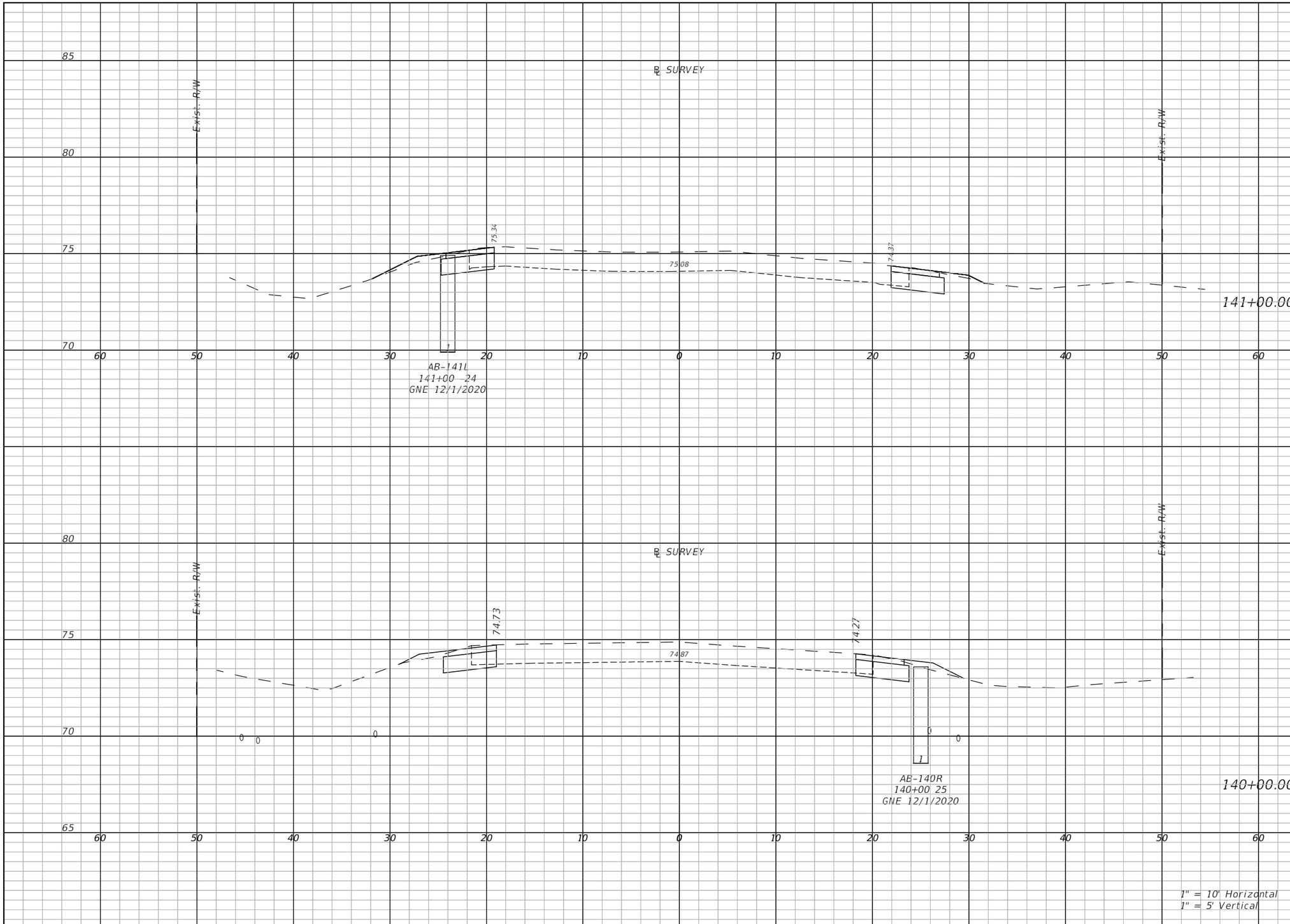

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.1	47.4	1.8	3.2
12.2	44.9	2.3	7.5

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LAKE COUNTY, FL
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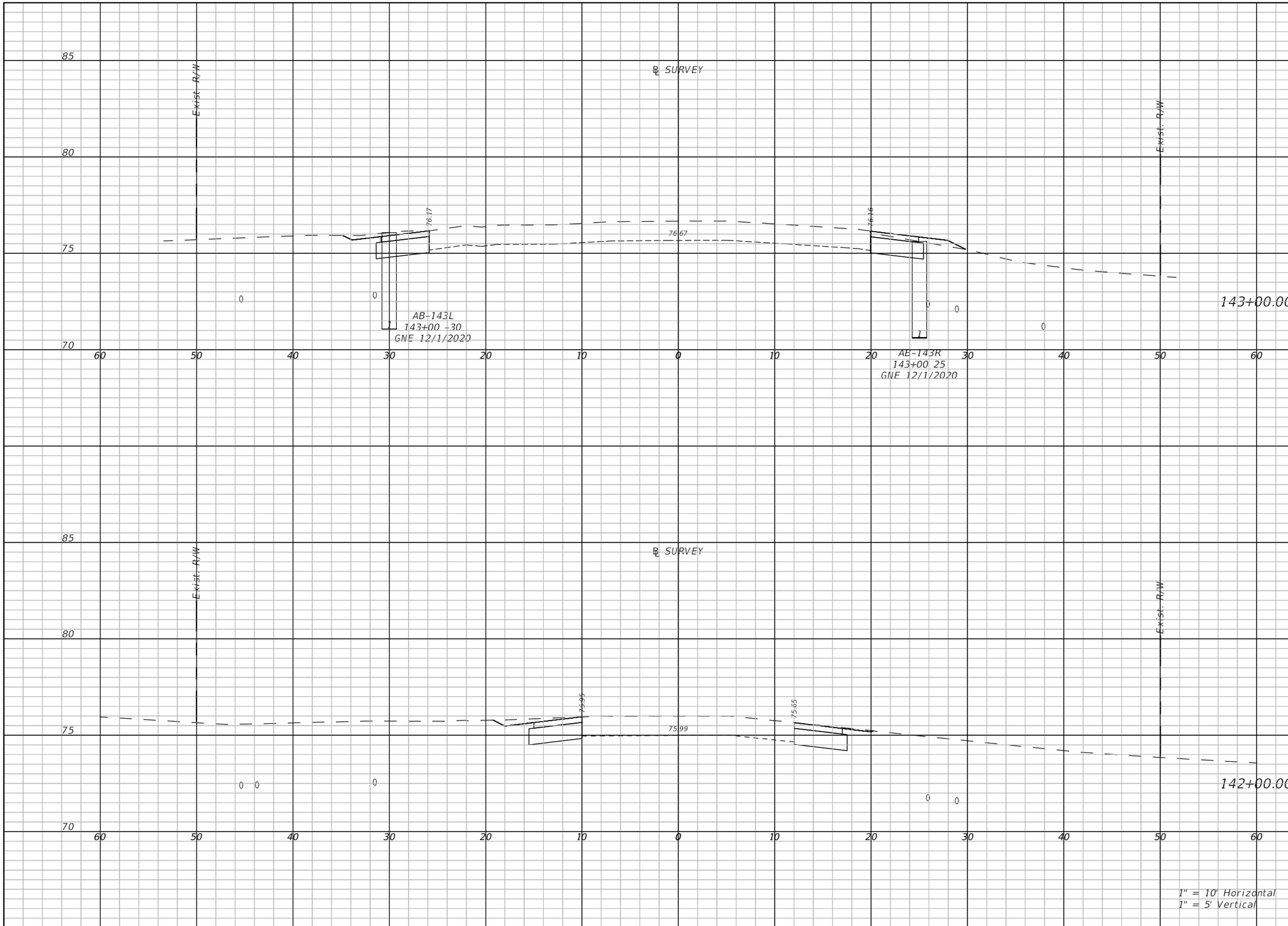
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (39)

SHEET NO.
86

John Hutchison 2/2/2021 9:03:48 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD04.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.6	42.4	1.1	10.6
13.6	48.3	0	2

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TAVARES, FL 32778

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (40)

SHEET NO.
87

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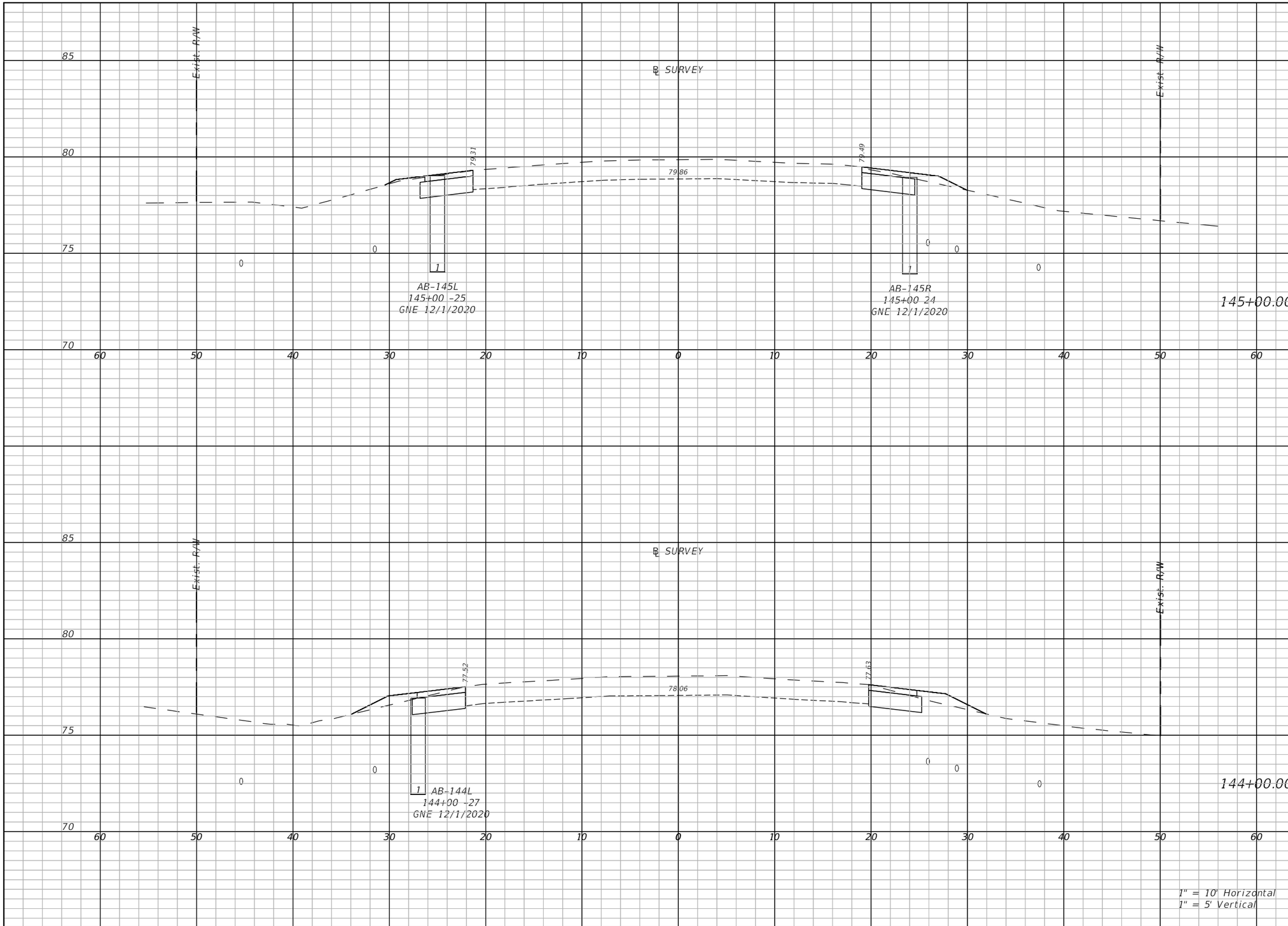

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.2	41.1	1.9	9.0
10.4	39.9	4.6	12

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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (41)

SHEET NO.
88

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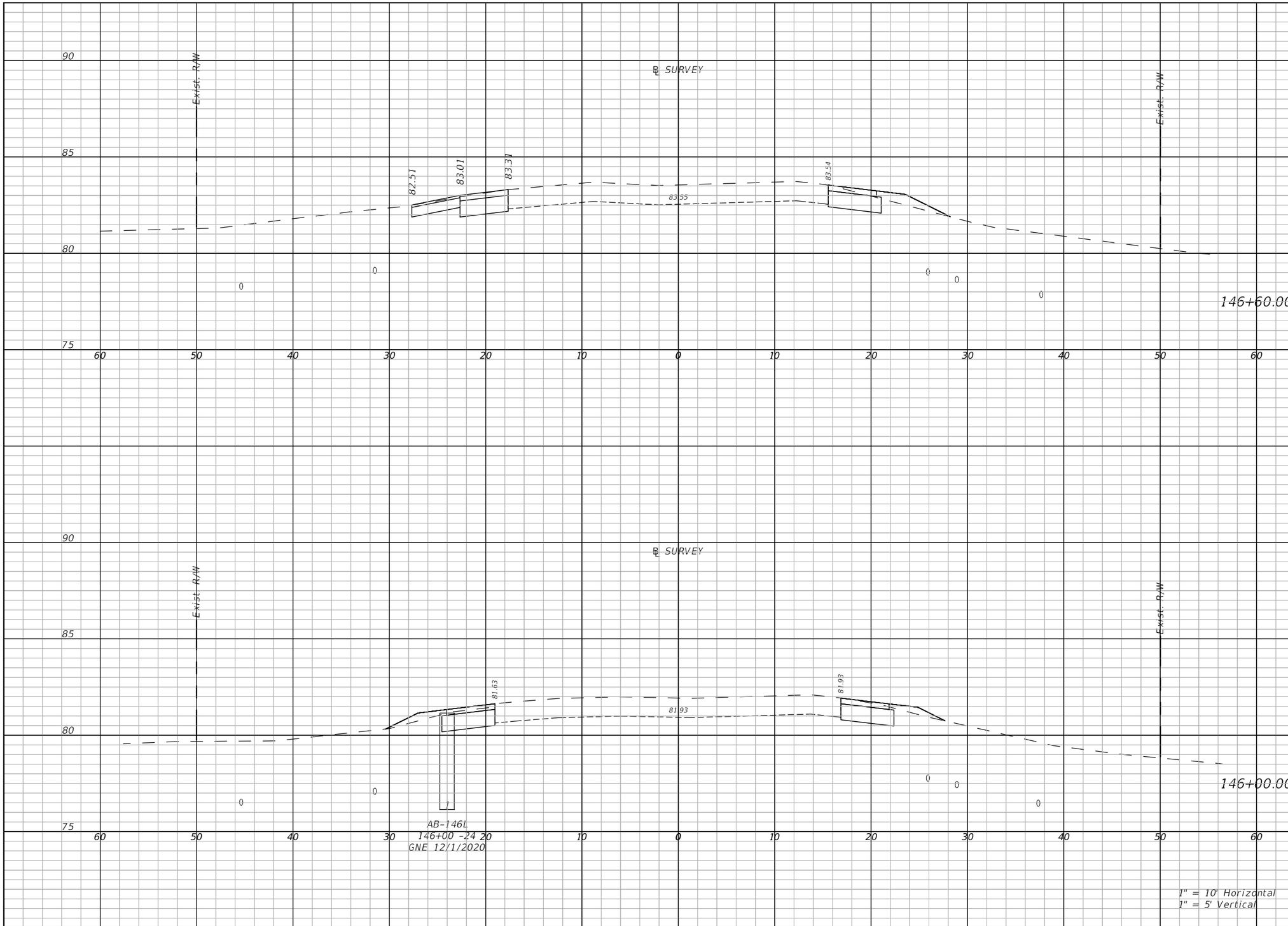

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.6	20.8	2.6	3.8
11	27.3	3	6.2

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REVISIONS	
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315 WEST MAIN STREET
TAVARES, FL 32778

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (42)

SHEET NO.
89

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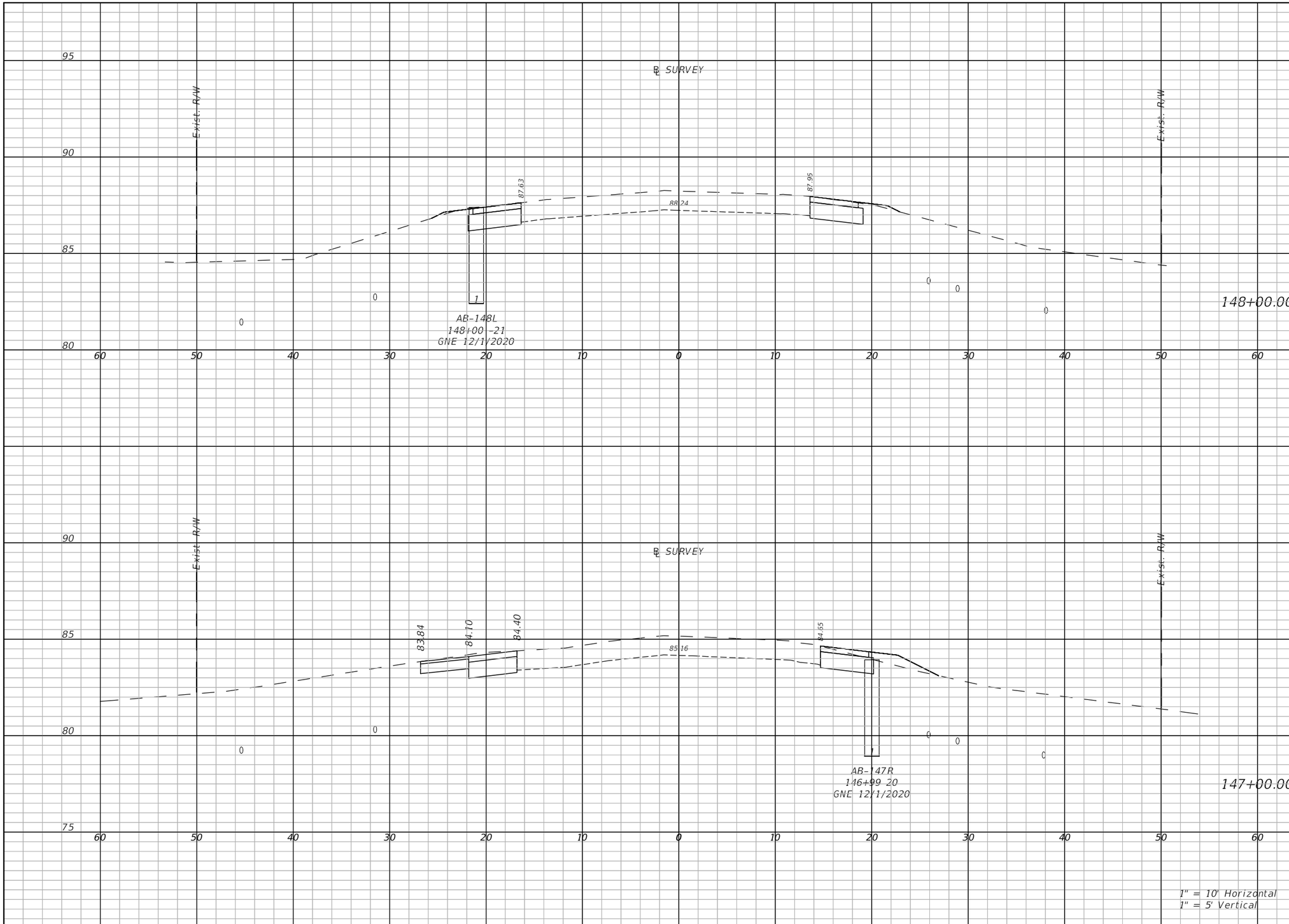

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.2	43.2	0.5	4.5
14.5	49.4	2.6	5.6

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (43)

SHEET NO.
90

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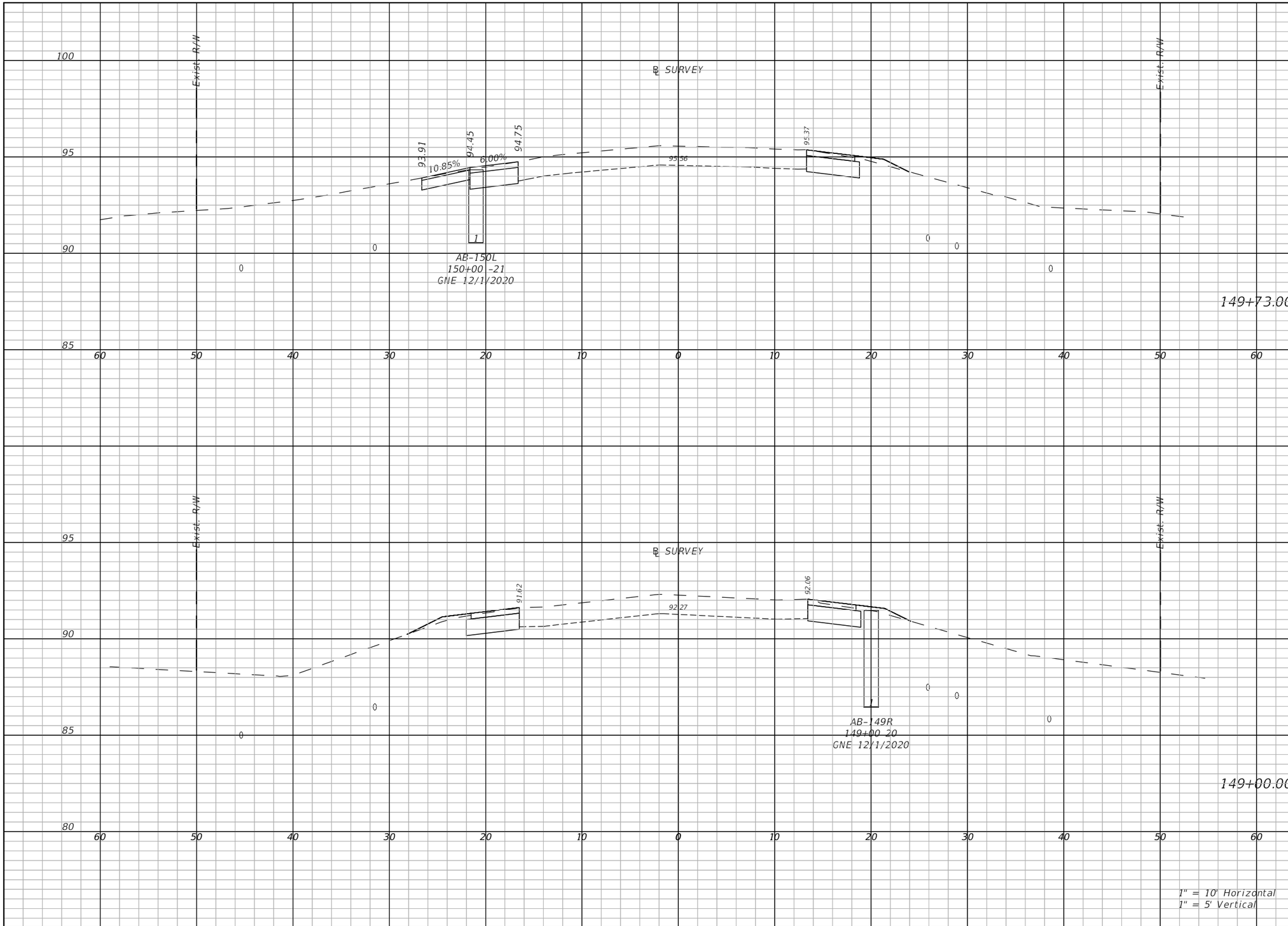

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
14	12.2	1	2.2
11.2	34	2	3.9

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (44)

SHEET NO.
91

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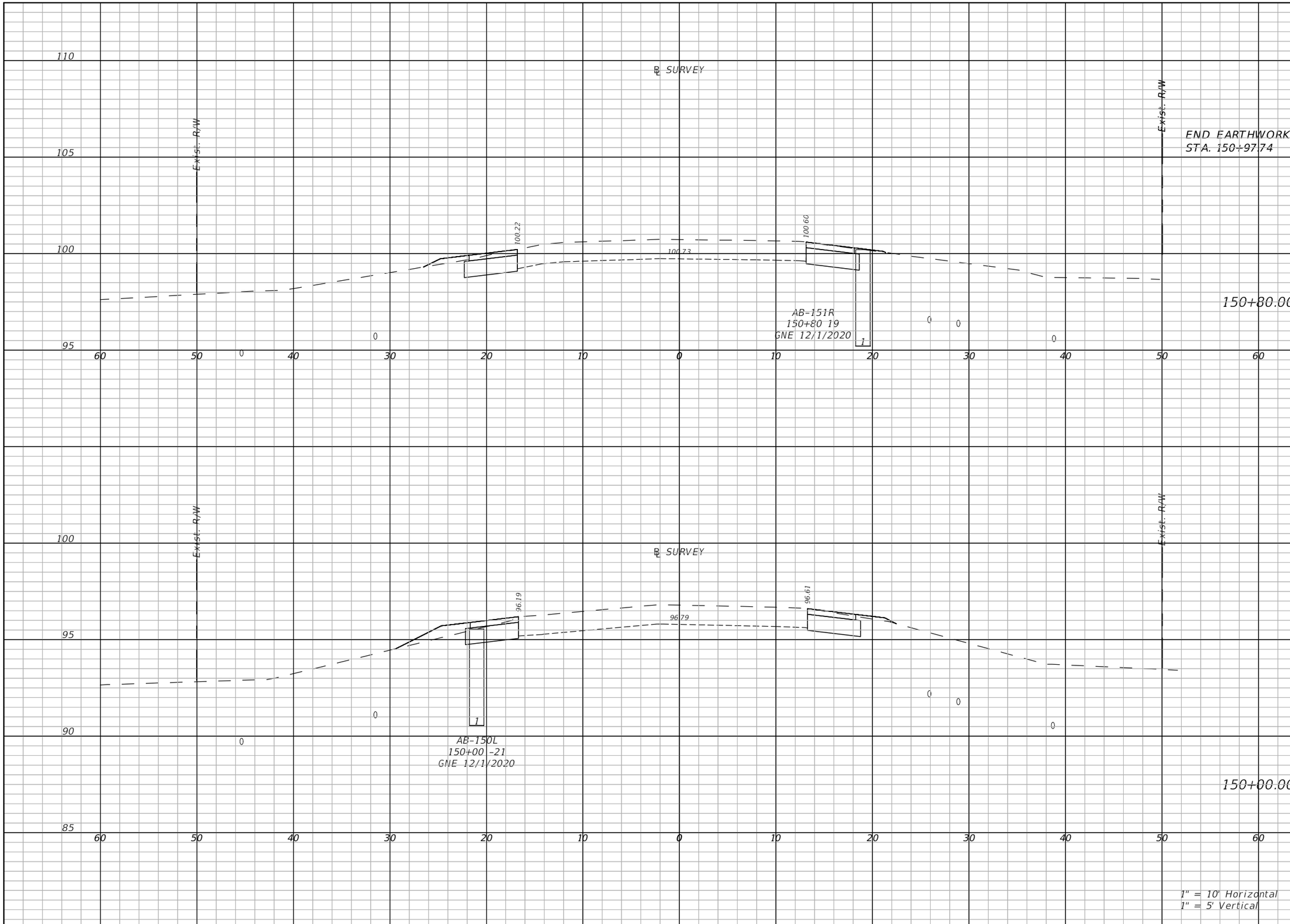

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.6		1	
	7.6		0.7
11.6		1	
	32.6		6.5
10.5		3.4	

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (45)

SHEET NO.
92

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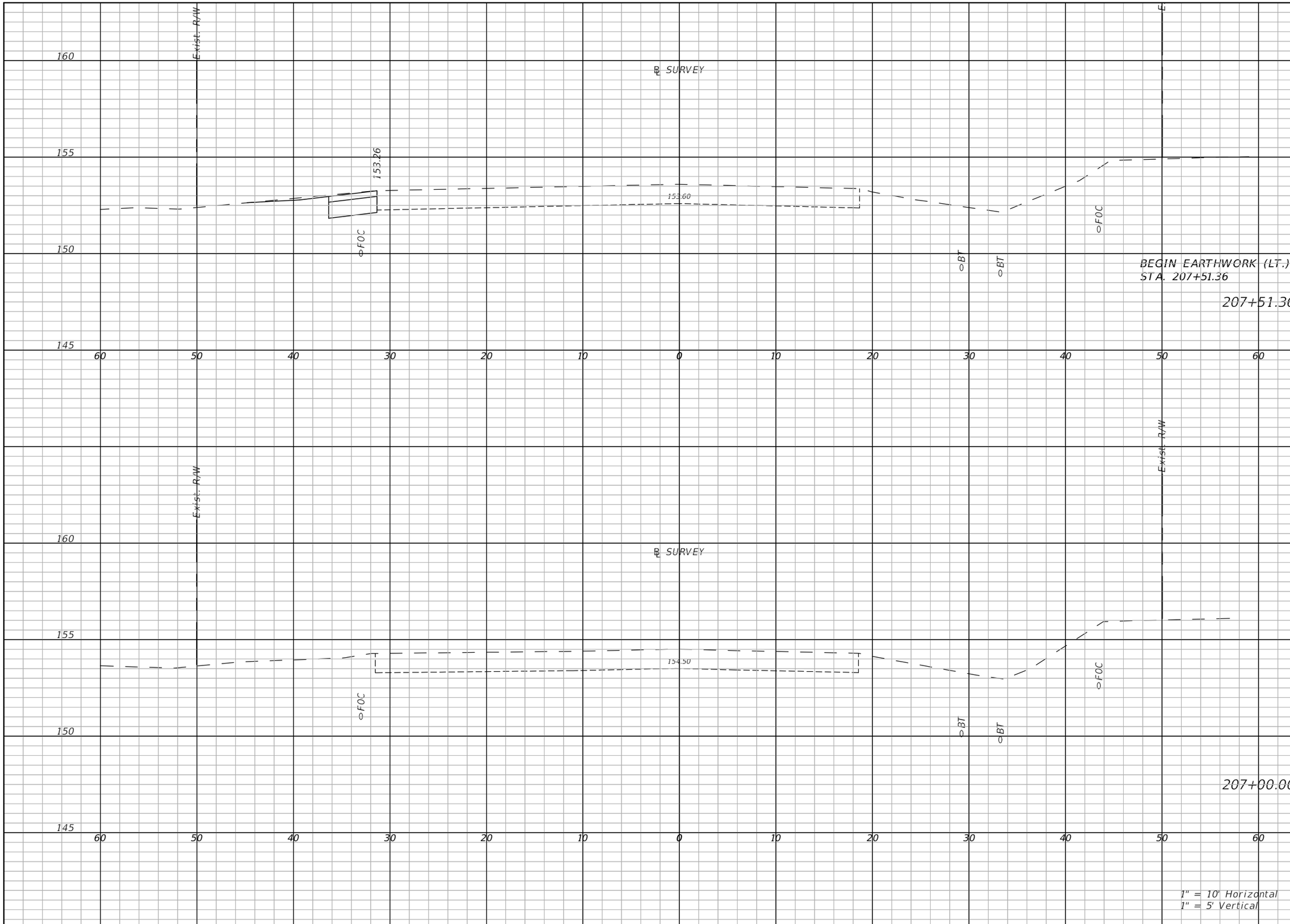

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
6.4	11	0	0

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REVISIONS	
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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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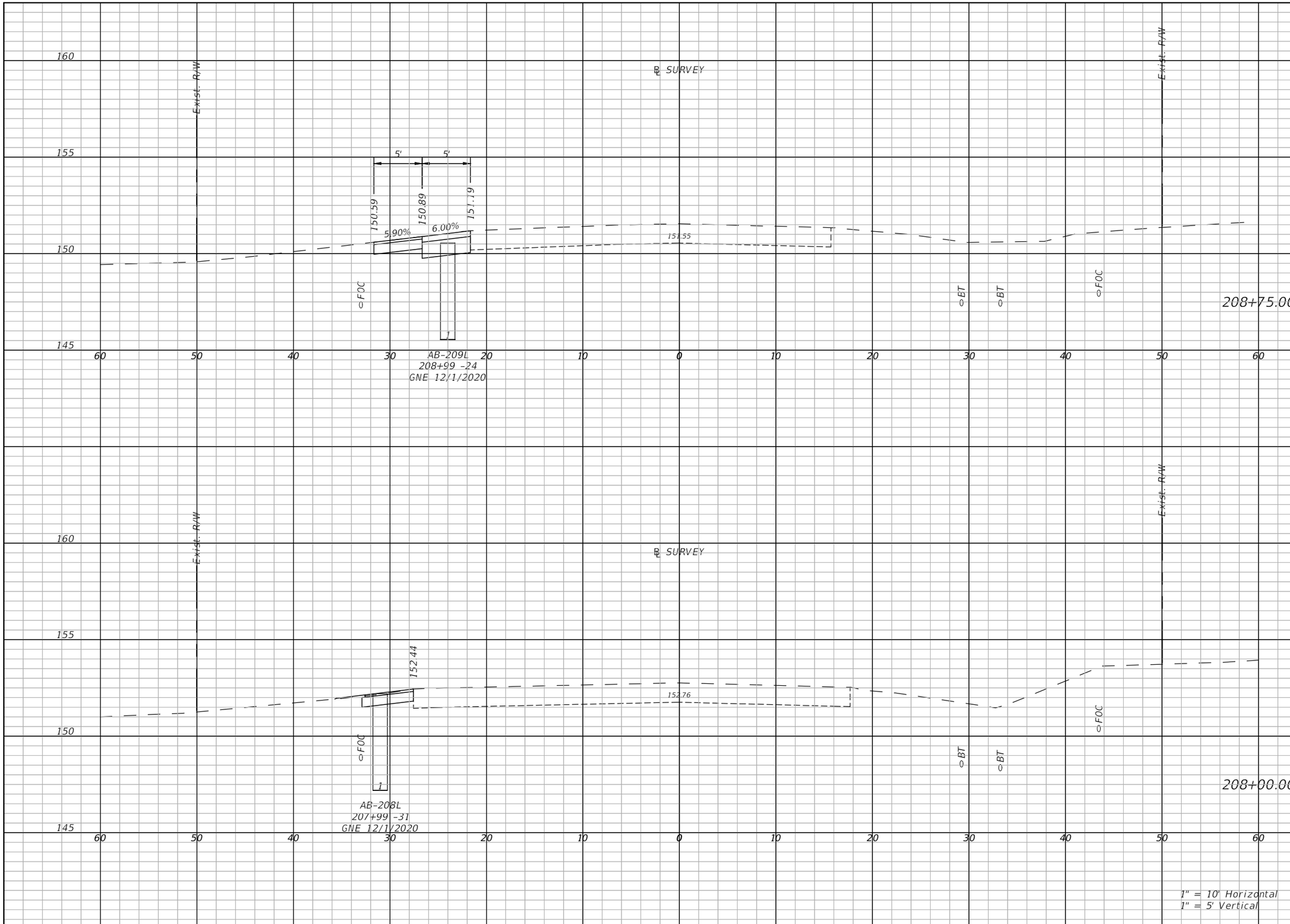
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (46)

SHEET NO.
93



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
8.8	47.7	0	0
5.9	20.3	0	0

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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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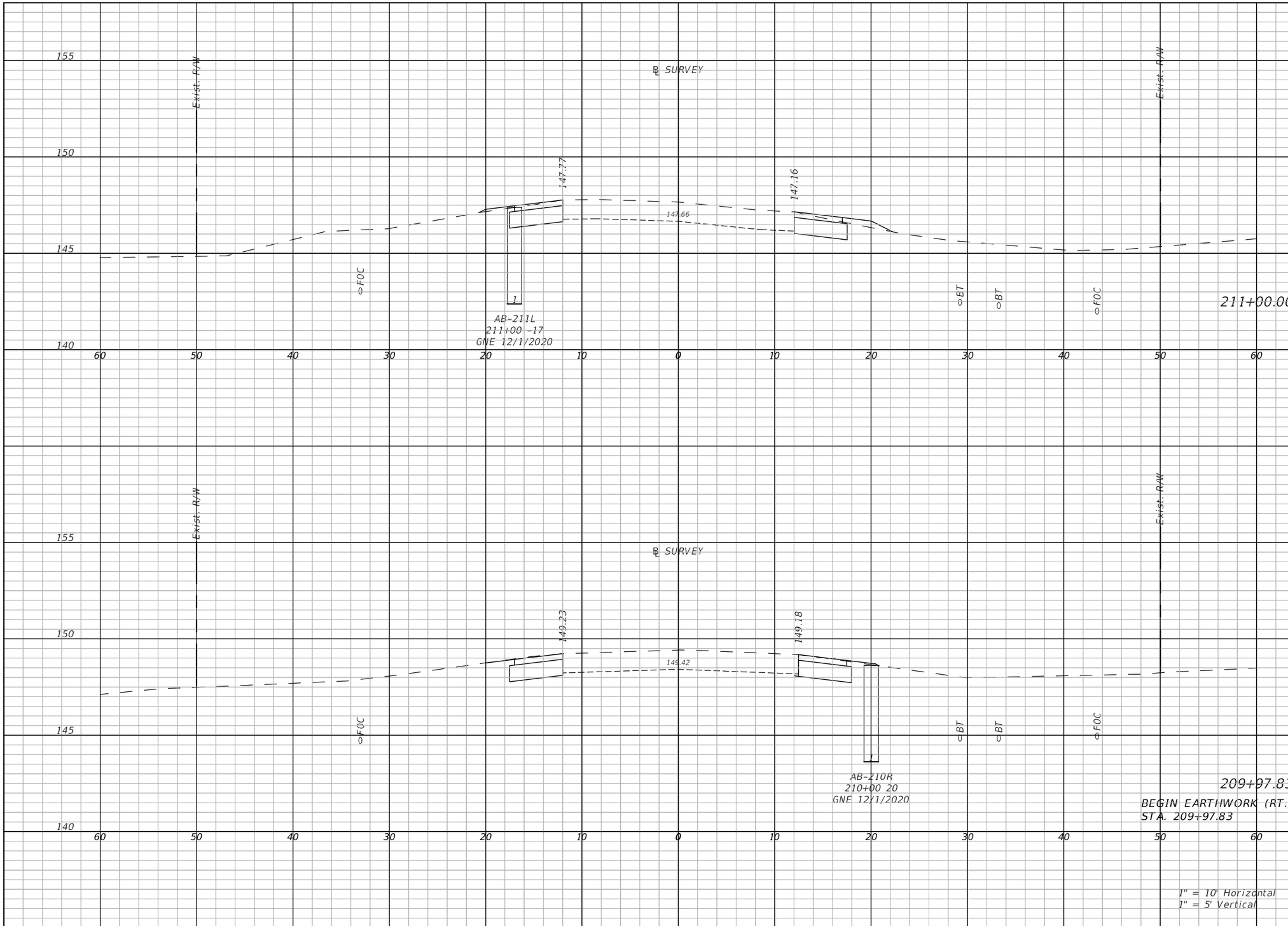
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (47)

SHEET NO.
94

John Hutchison 2/2/2021 9:06:09 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD05.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.2	38	1.6	12.9
12.2	44.3	0	3

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315 WEST MAIN STREET
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (48)

SHEET NO.
95

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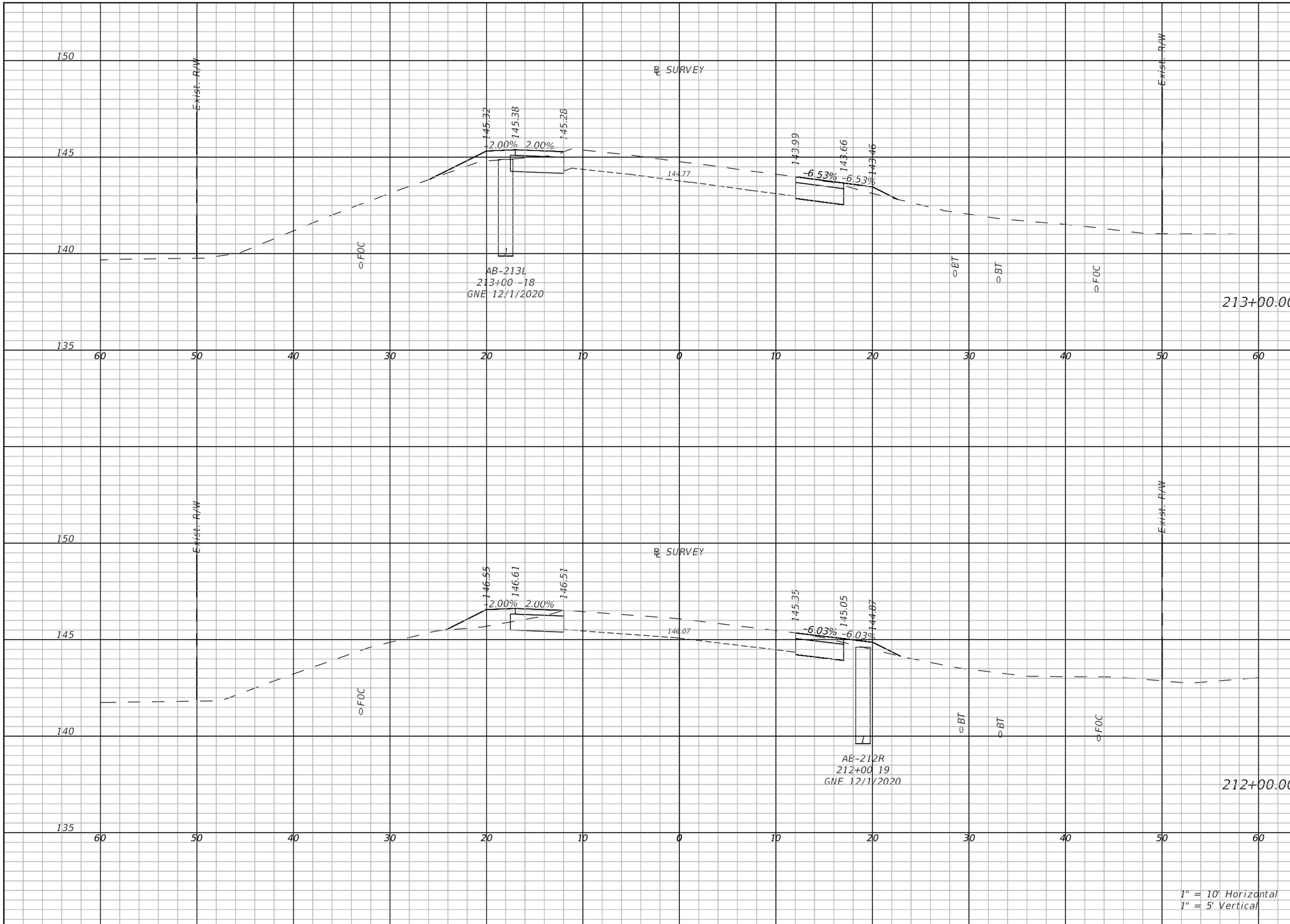

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
15.3	47.9	3.9	19.9
9.3	45.6	5.4	17

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REVISIONS	
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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (49)

SHEET NO.
96

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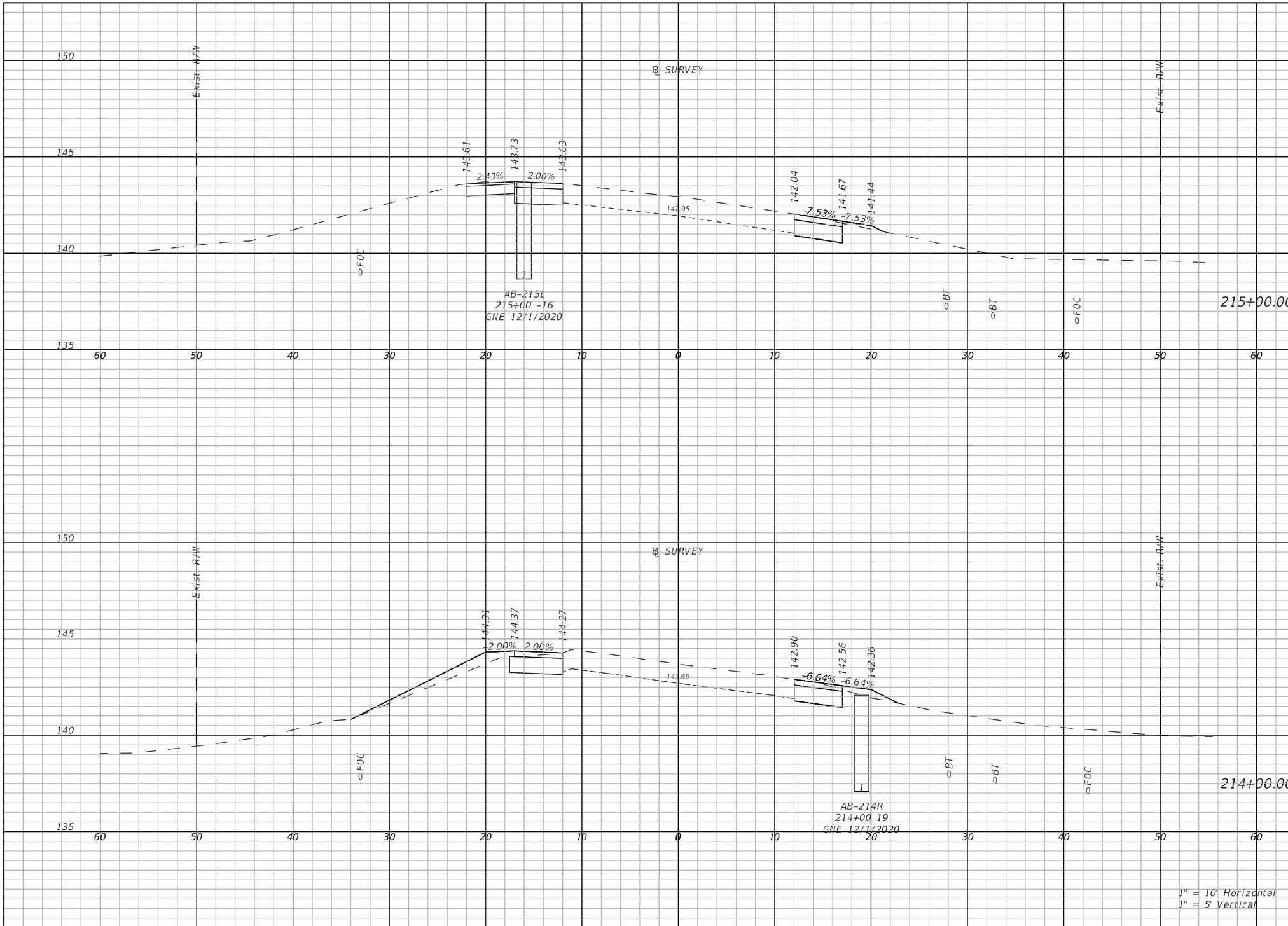

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
14.3	45.6	0.6	5.9
10.6	45.9	6.9	13.8

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REVISIONS	
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315 WEST MAIN STREET
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (50)

SHEET NO.
97

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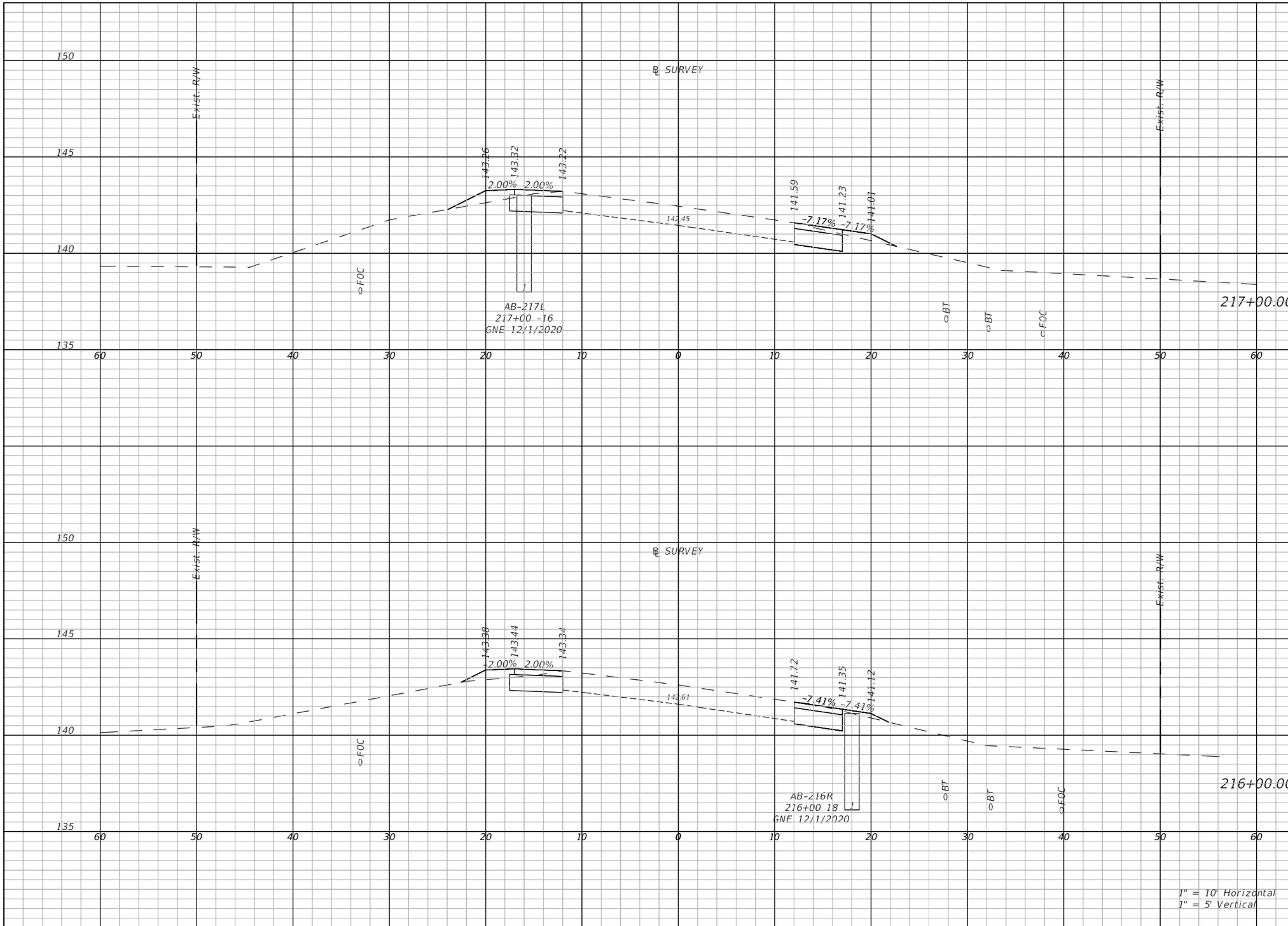

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.2	36.5	4.1	17.9
10.4	38	2.7	12.5

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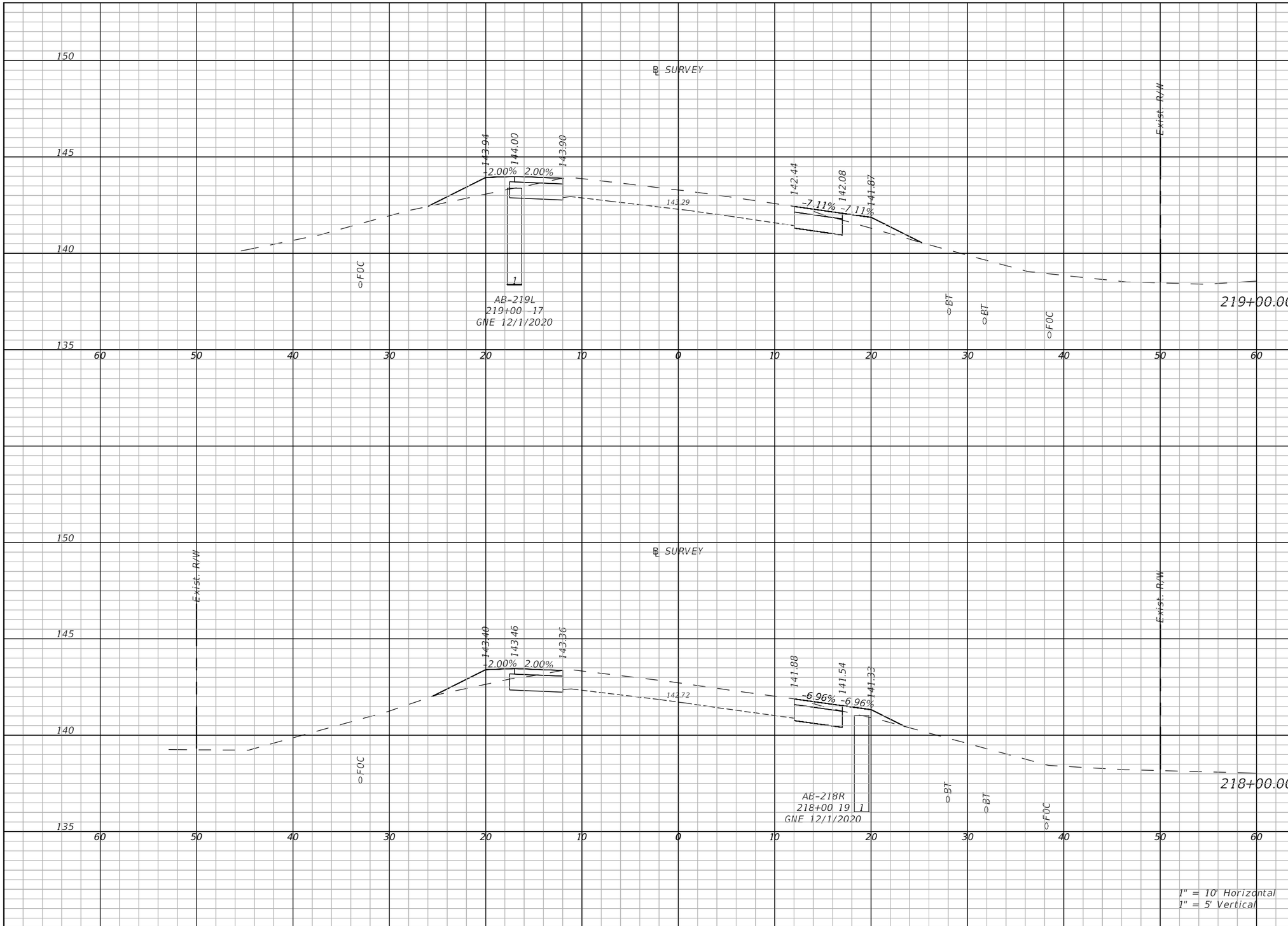
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (51)

SHEET NO.
98

John Hutchison 2/2/2021 9:06:23 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD05.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
9.2	35.4	7.5	24.9
9.6	34.6	5.6	24.2

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

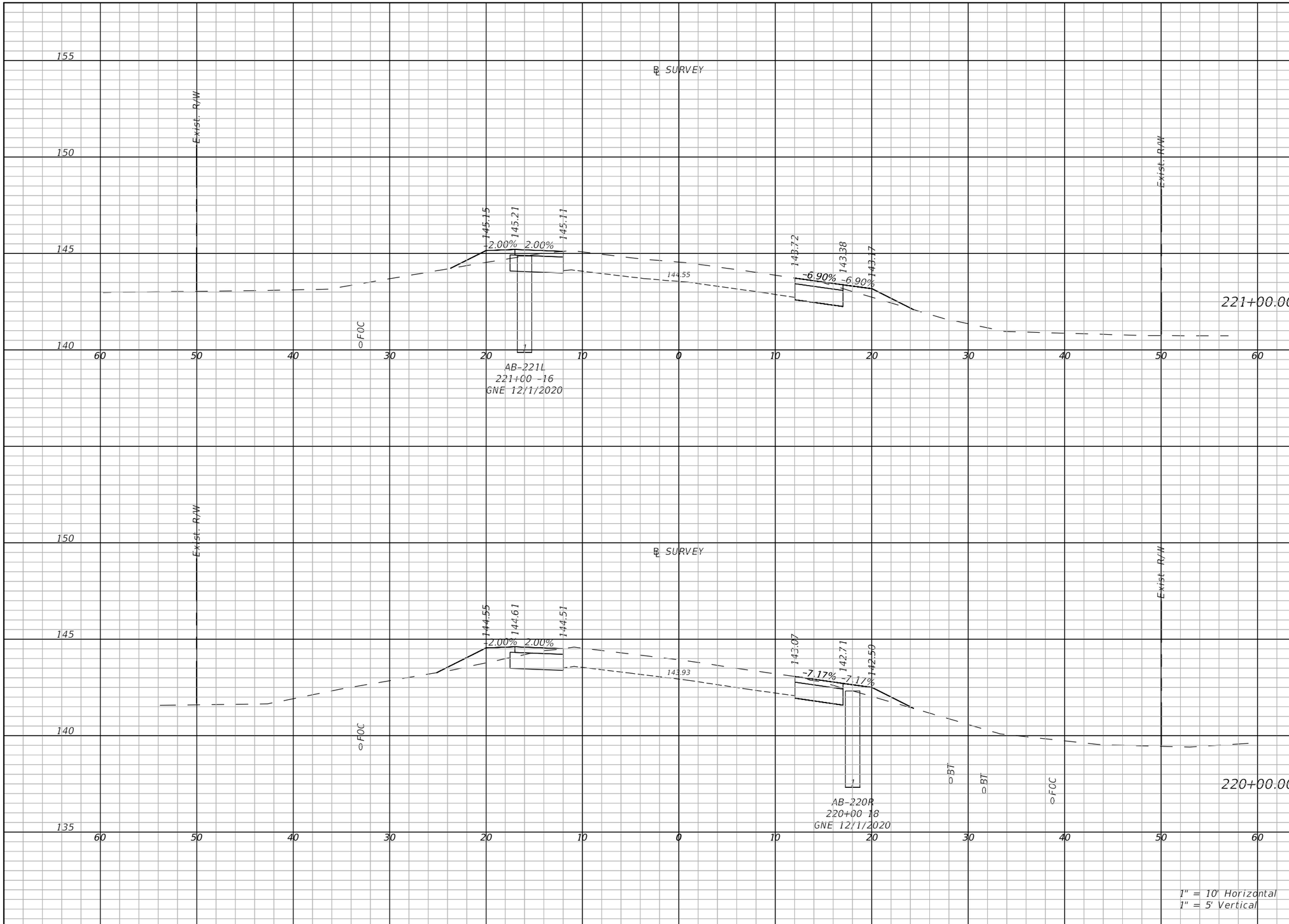
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (52)

SHEET NO.
99

John Hutchison 2/2/2021 9:06:26 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD05.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.4	55	4.5	13.6
10	37.6	6	19.4

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (53)

SHEET NO.
100

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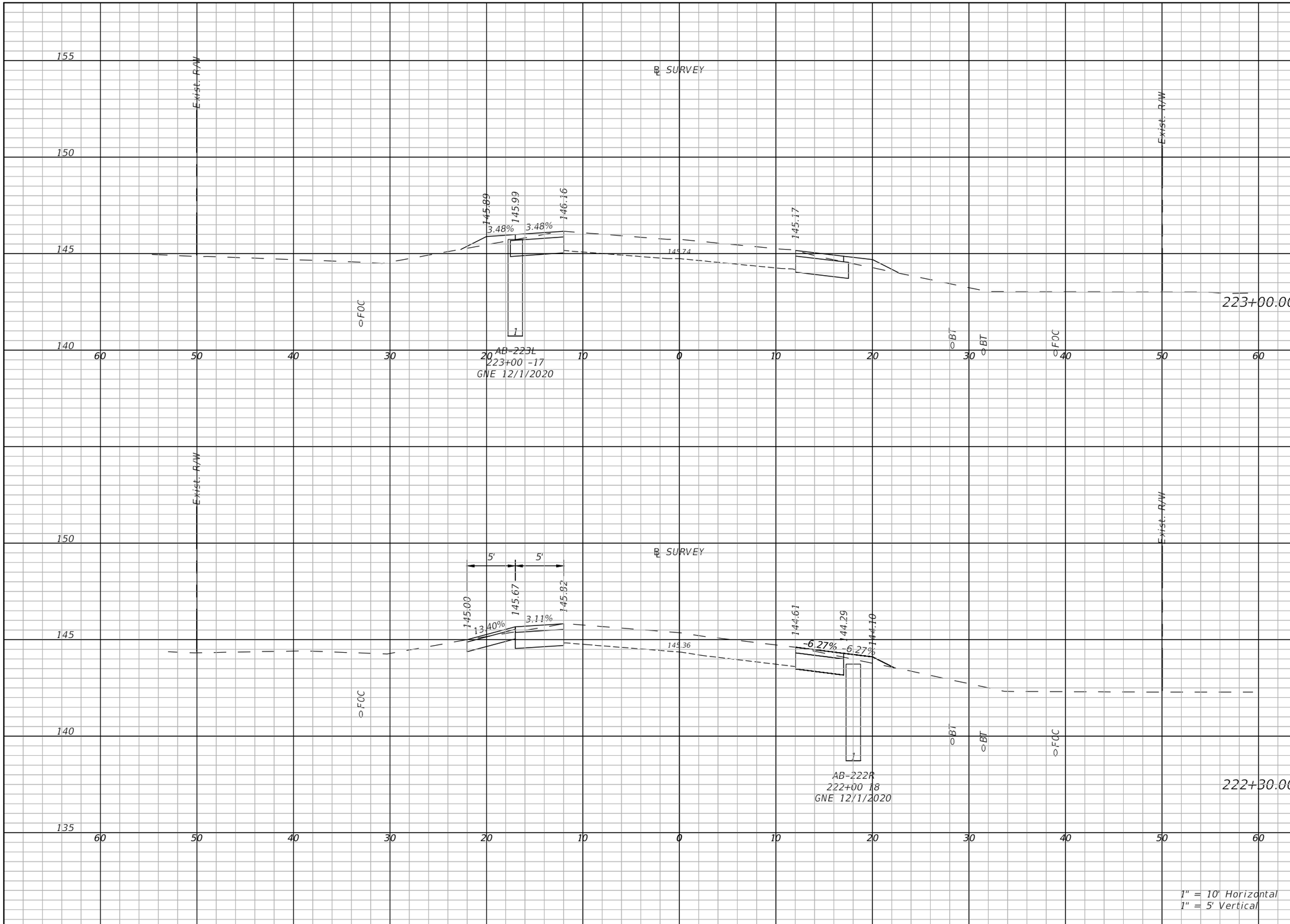

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.7	39.9	3.2	11.2
12.5	30	1.2	5.6

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (54)

SHEET NO.
101

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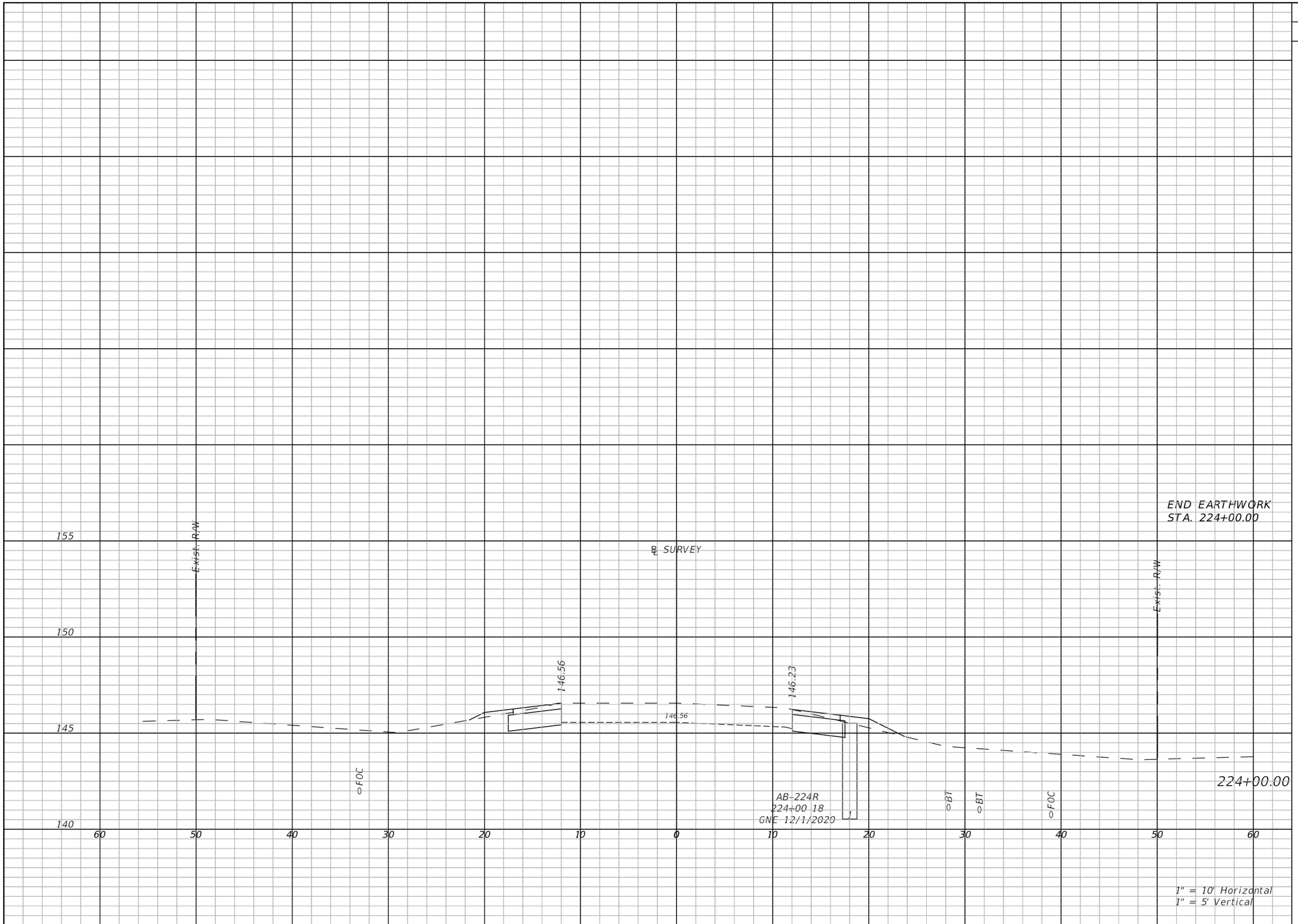

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
	10.9		2.9

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (55)

SHEET NO.
102

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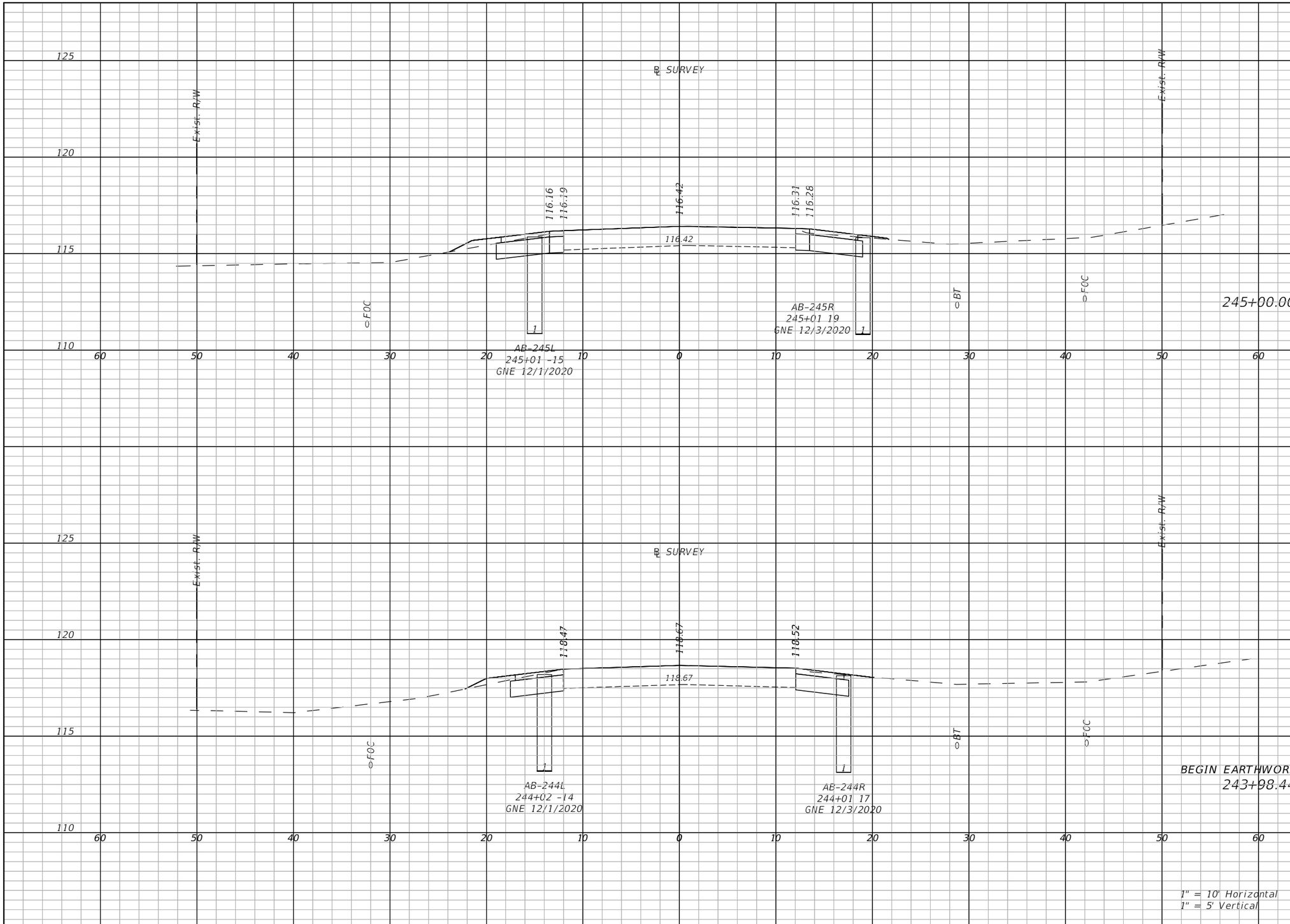

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.2	50.9	1.7	6.8
11.3	45.9	1.2	5.4

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (56)

SHEET NO.
103

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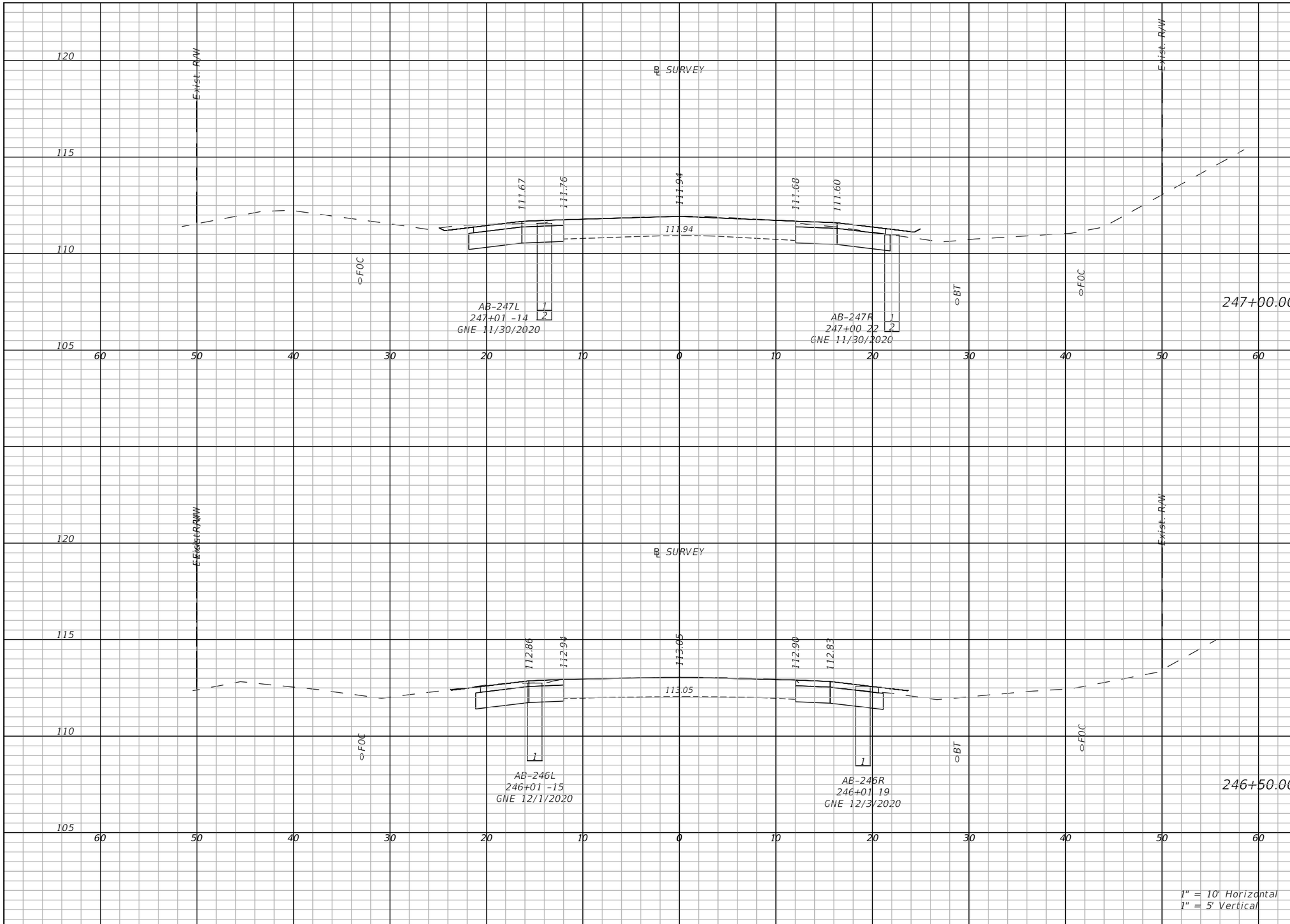

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
21.9	77.9	1.7	7.3
14.4	67.1	2	6.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (57)

SHEET NO.
104

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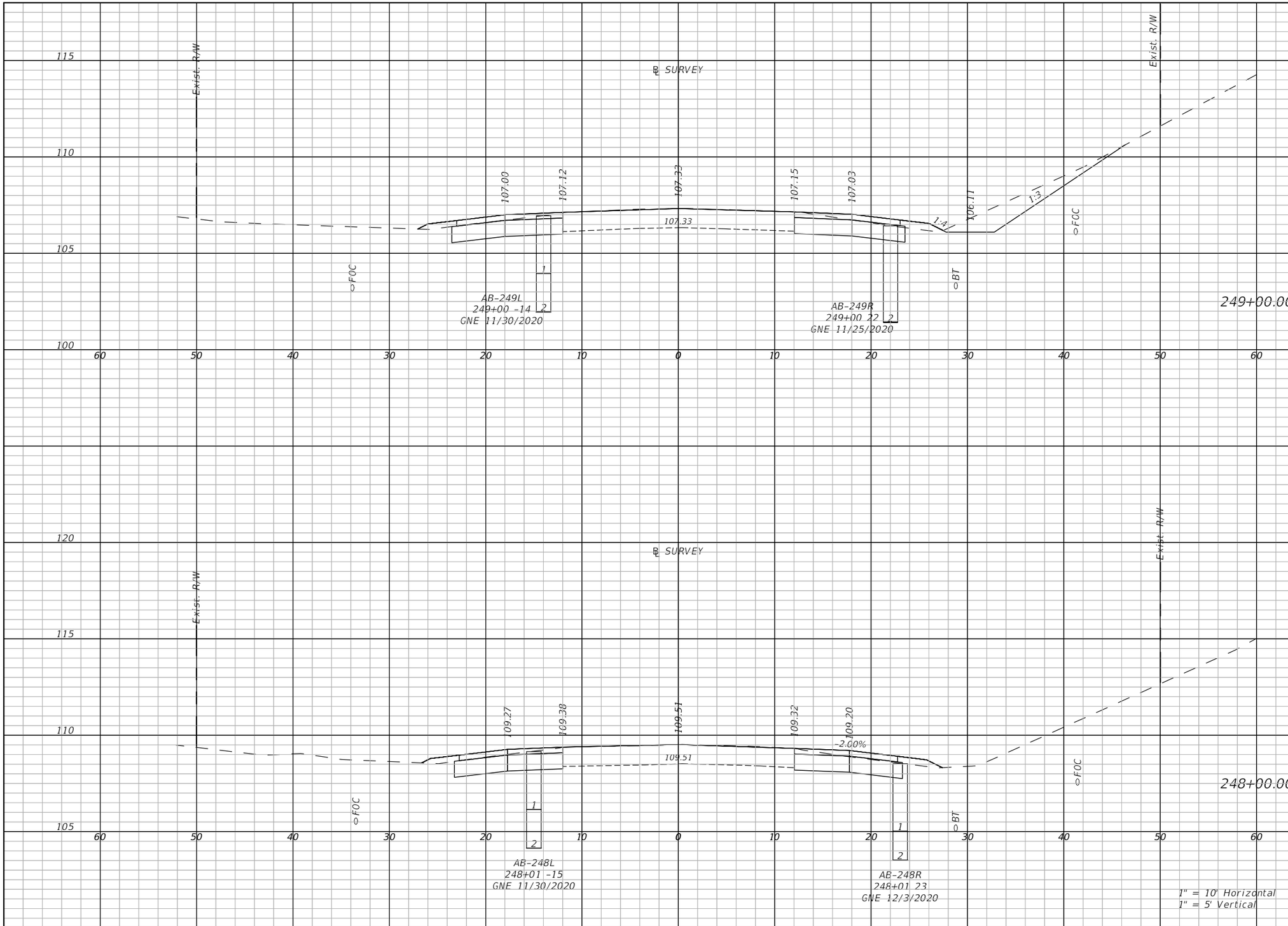

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
34.5	138	2.4	11.9
20.2	101.2	2.3	8.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

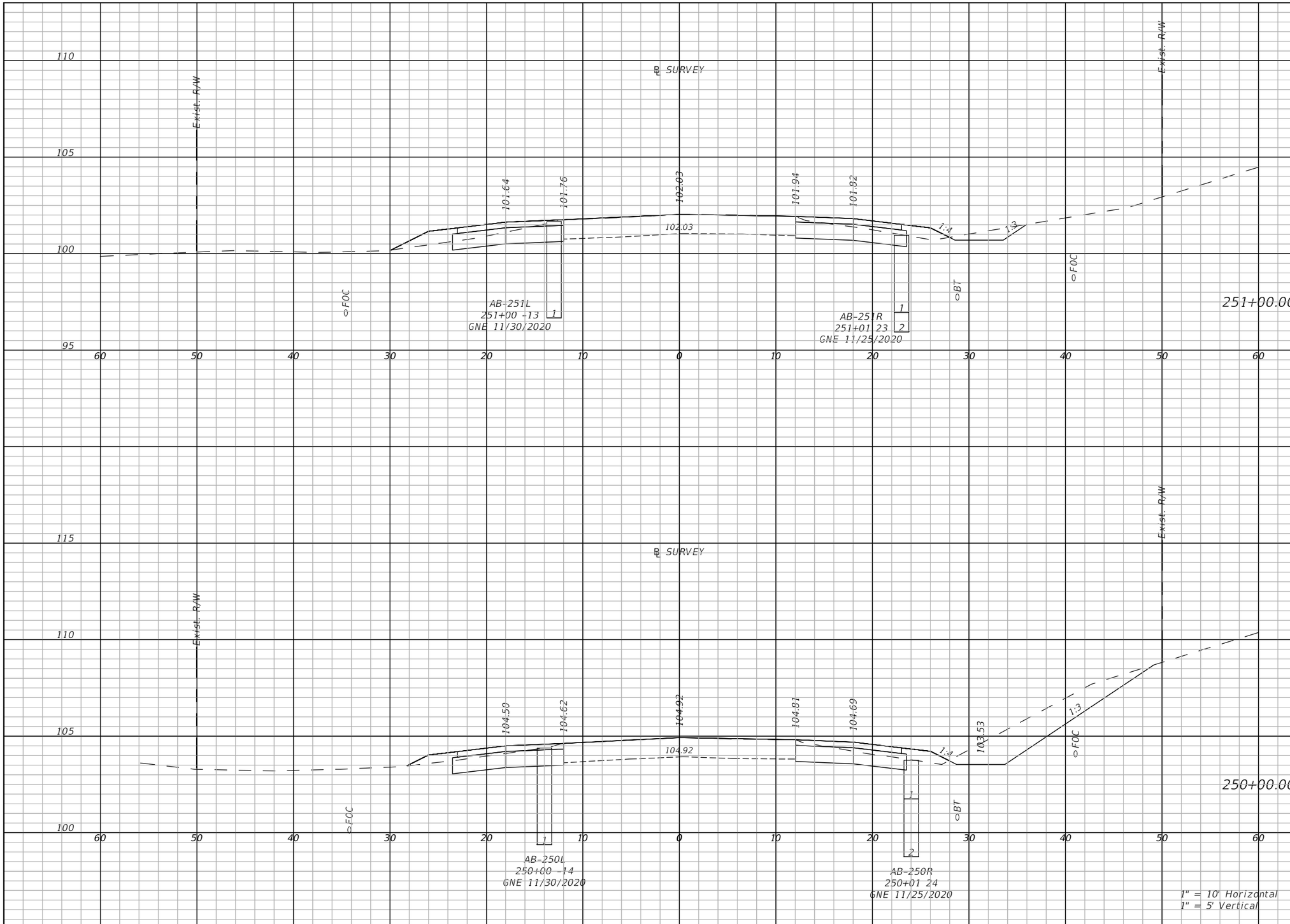
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (58)

SHEET NO.
105

John Hutchison 2/2/2021 9:07:19 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD06.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
19.4	72	5.5	16.1
40	138	4.1	11.9

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (59)

SHEET NO.
106

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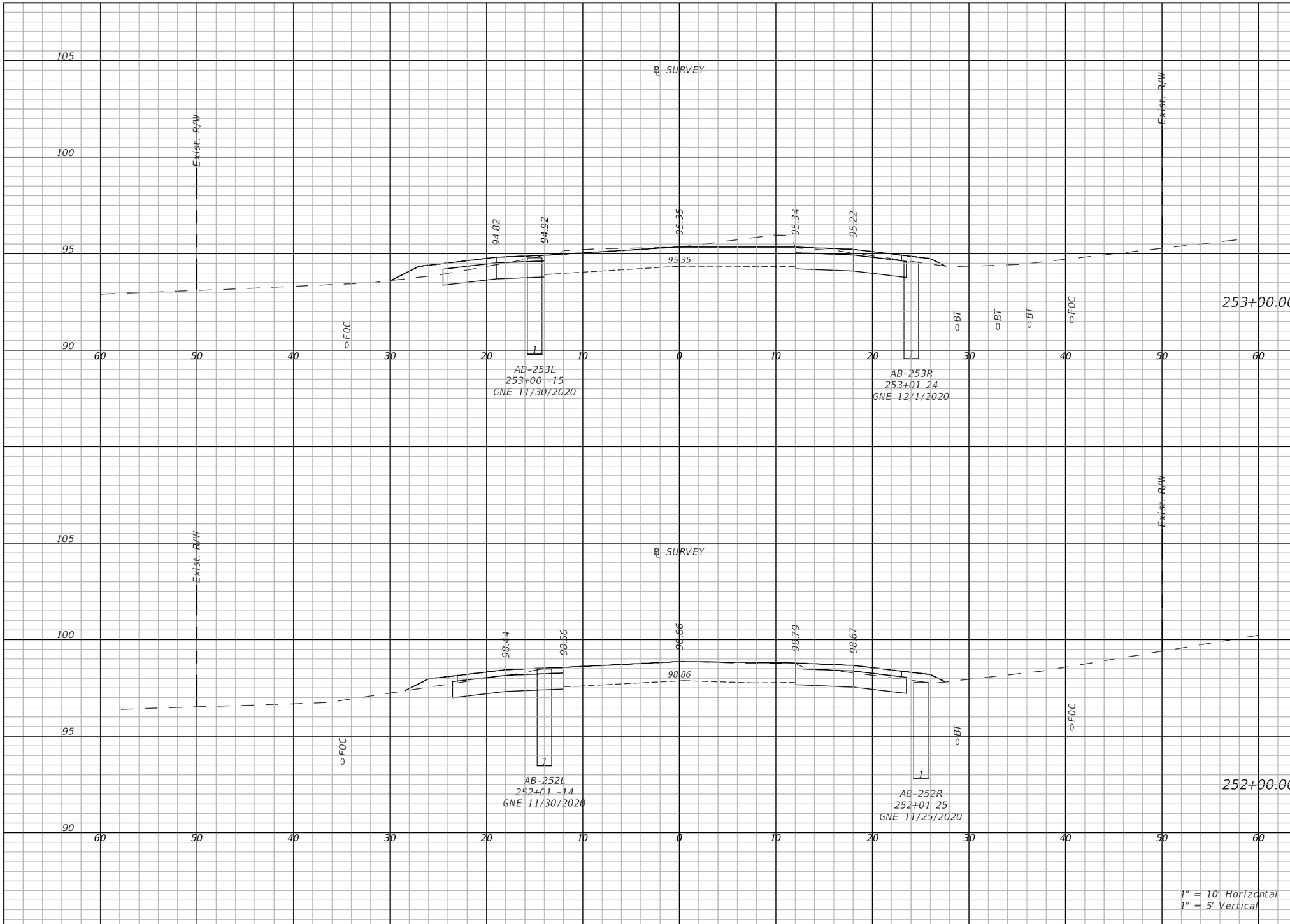

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
38.9	100.6	3.4	14.9
19.6	108.1	3.3	12.3

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

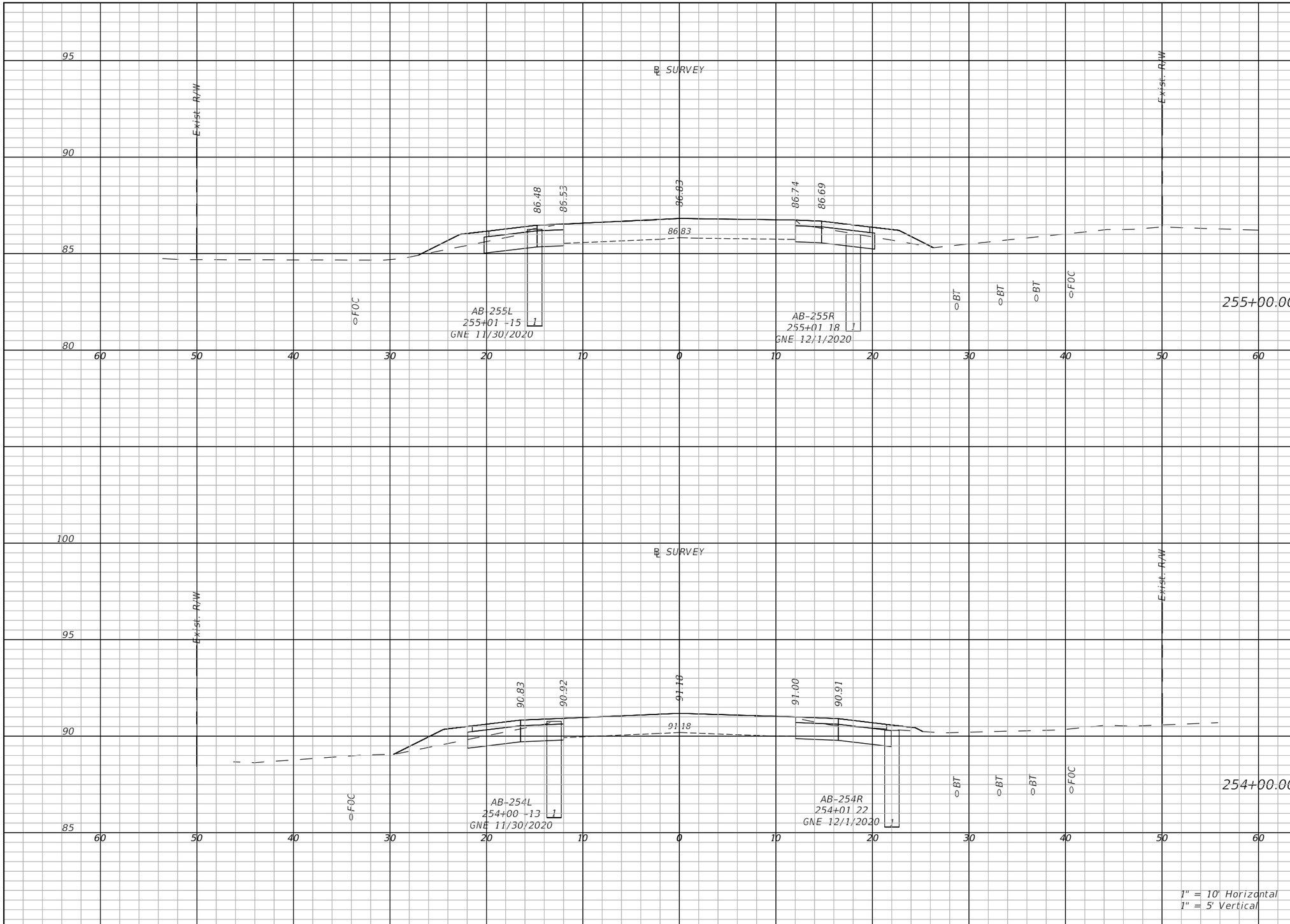
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (60)

SHEET NO.
107

John Hutchison 2/2/2021 9:07:28 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD06.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.1	45.8	5.5	15.6
15.5	52.8	4.7	18.8

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REVISIONS

DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (61)

SHEET NO.
108

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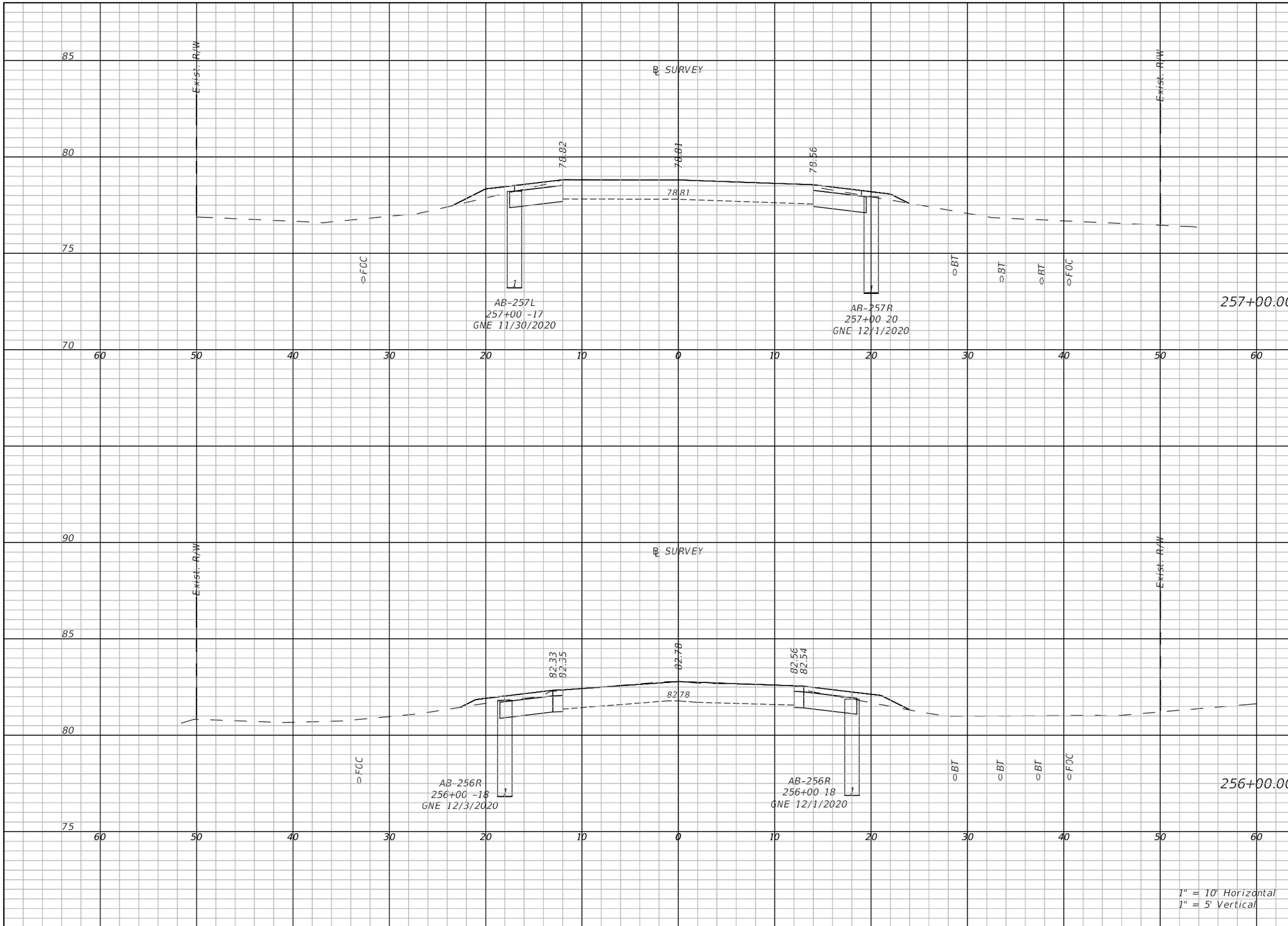

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.5	39.4	3.1	10.6
11.7	41	2.9	11.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (62)

SHEET NO.
109

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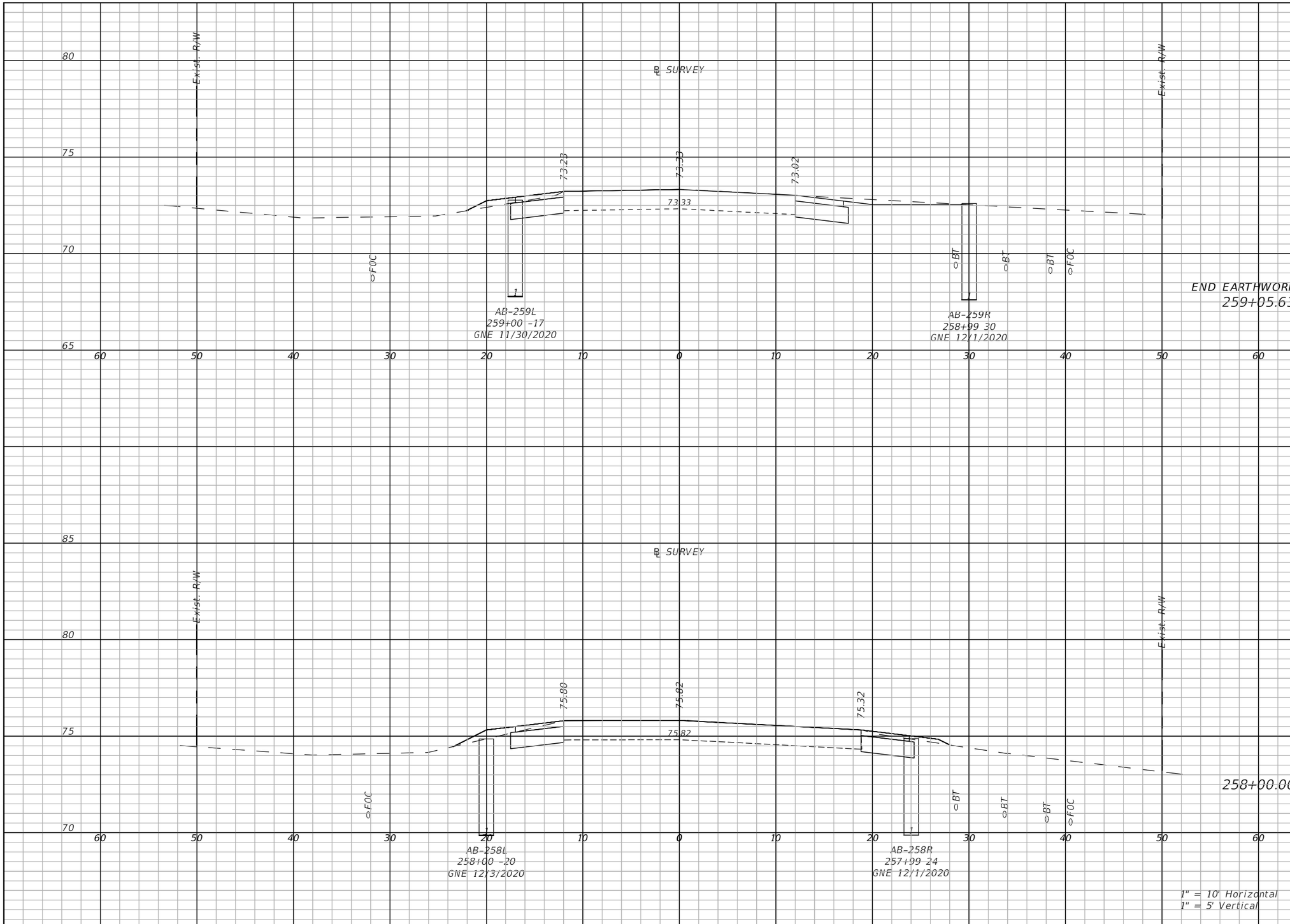

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.5		1.3	
	47.4		7.6
10.8		2.6	

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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ORLANDO, FL 32810
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (63)

SHEET NO.
110

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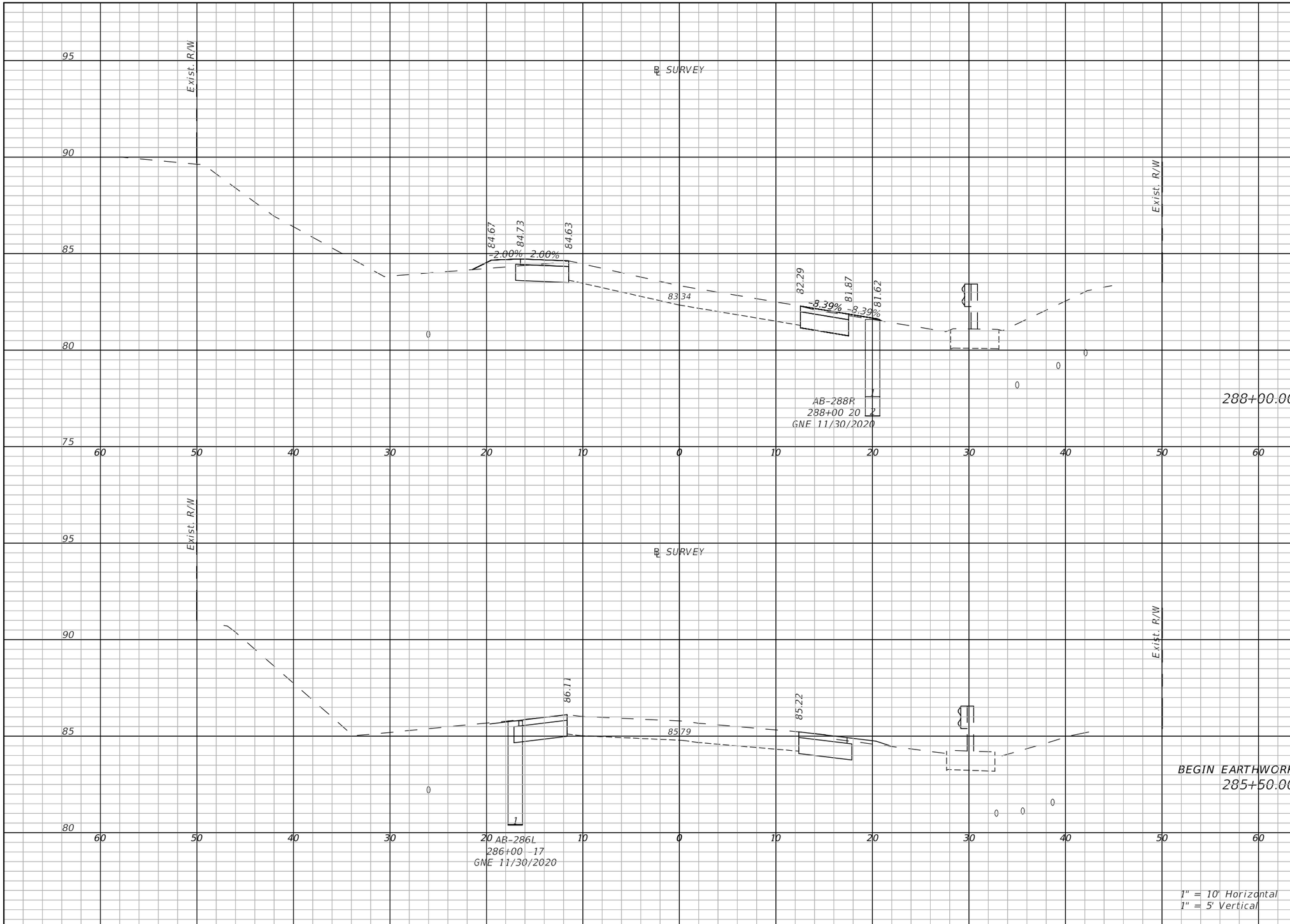

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.3	38.2	1.8	8.2
11.8	102.3	0.7	11.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (64)

SHEET NO.
111

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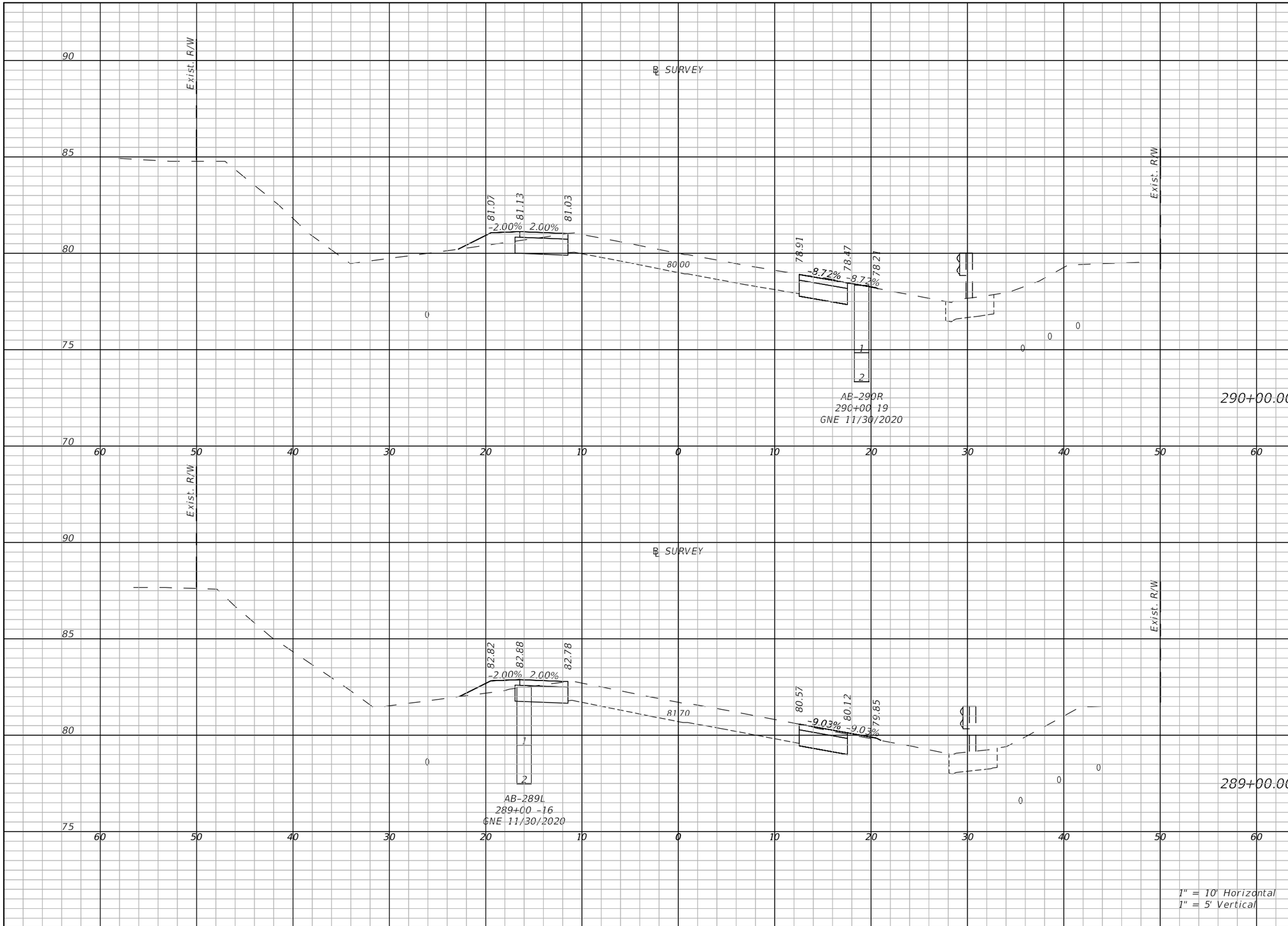

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.6	38.9	2.6	9.4
10.4	38.8	2.7	9.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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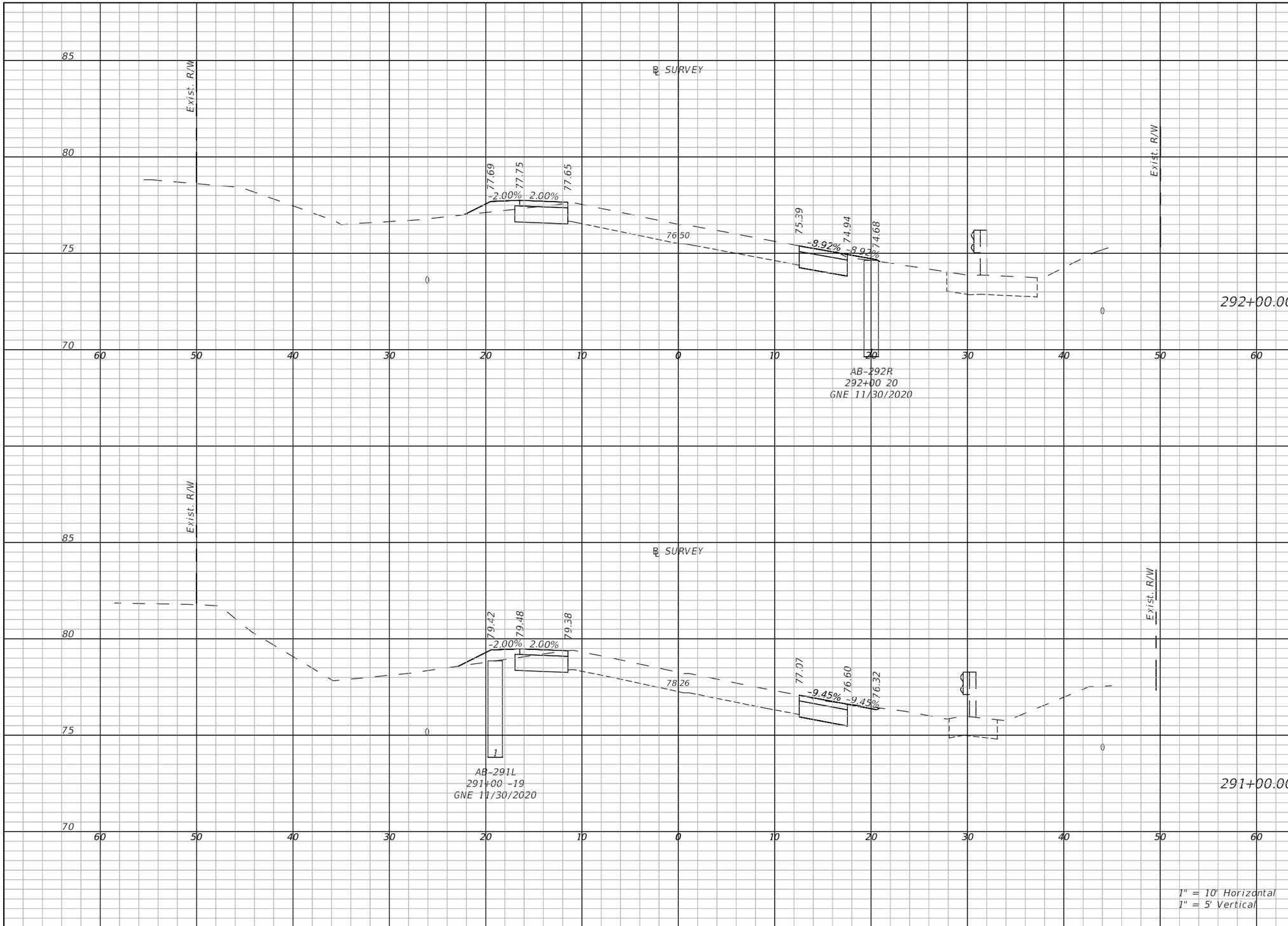
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (65)

SHEET NO.
112

John Hutchison 2/2/2021 9:08:22 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD07.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.4	42.7	2.5	9.2
10.4	38.4	2.5	9.3

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

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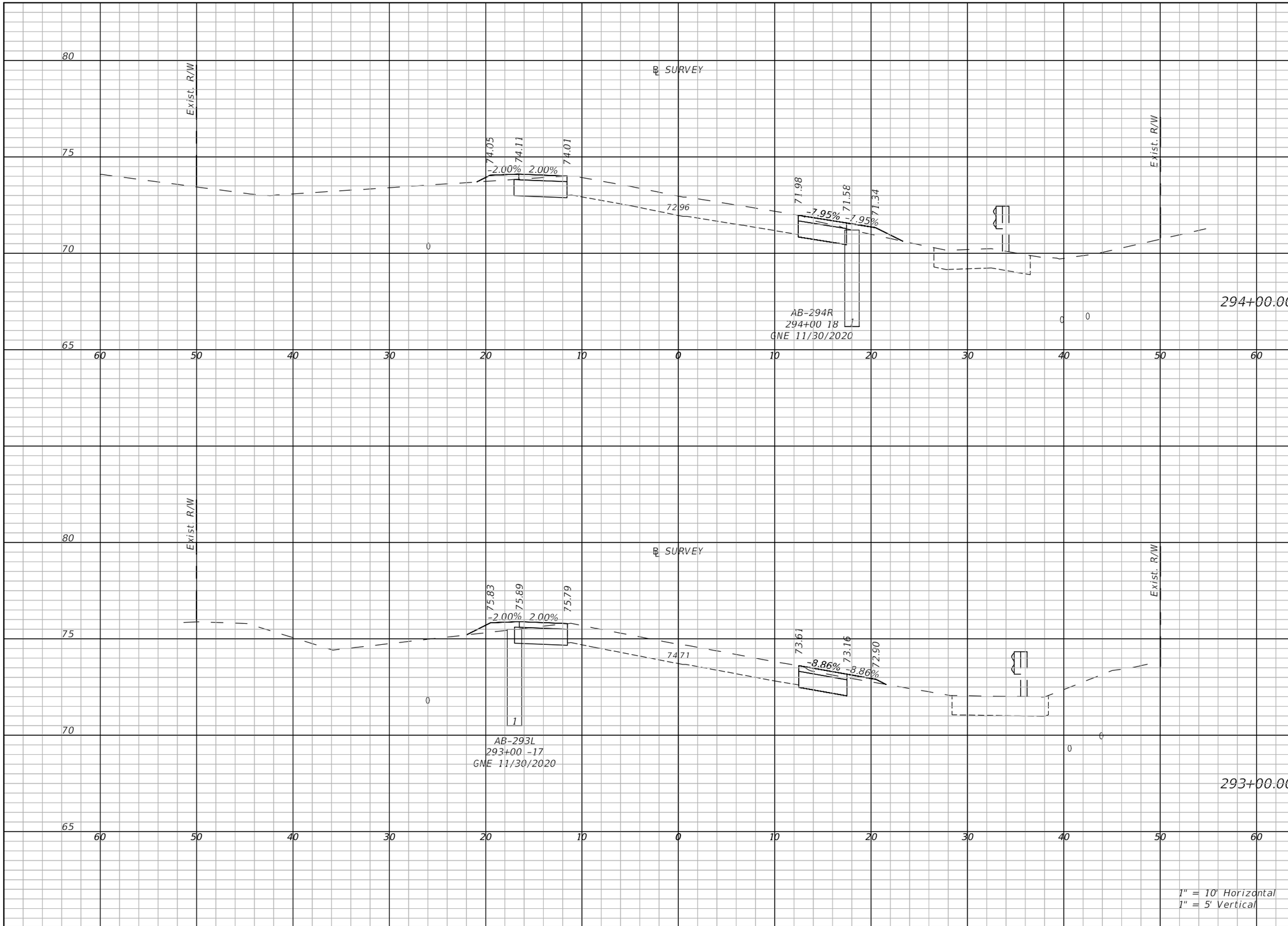
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (66)

SHEET NO.
113

John Hutchison 2/2/2021 9:08:28 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD07.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.2	186.4	2.7	11.7
12.7	42.3	2.5	9.5

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

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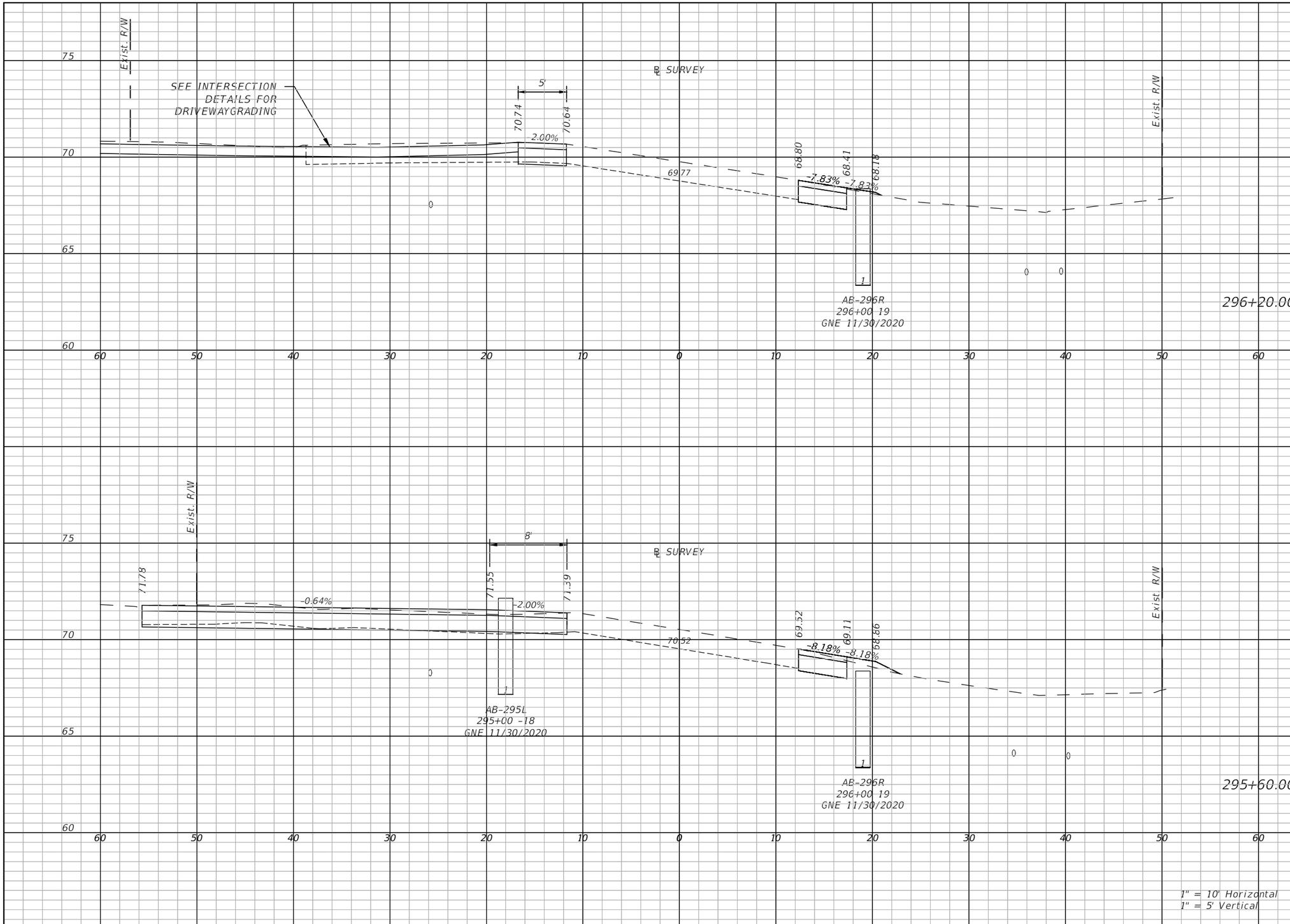
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (67)

SHEET NO.
114

John Hutchison 2/2/2021 9:08:33 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD07.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
36.7	71.1	0.3	0.3
52.8	99.3	1.3	1.8

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REVISIONS	
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LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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CERTIFICATE OF AUTHORIZATION 9853

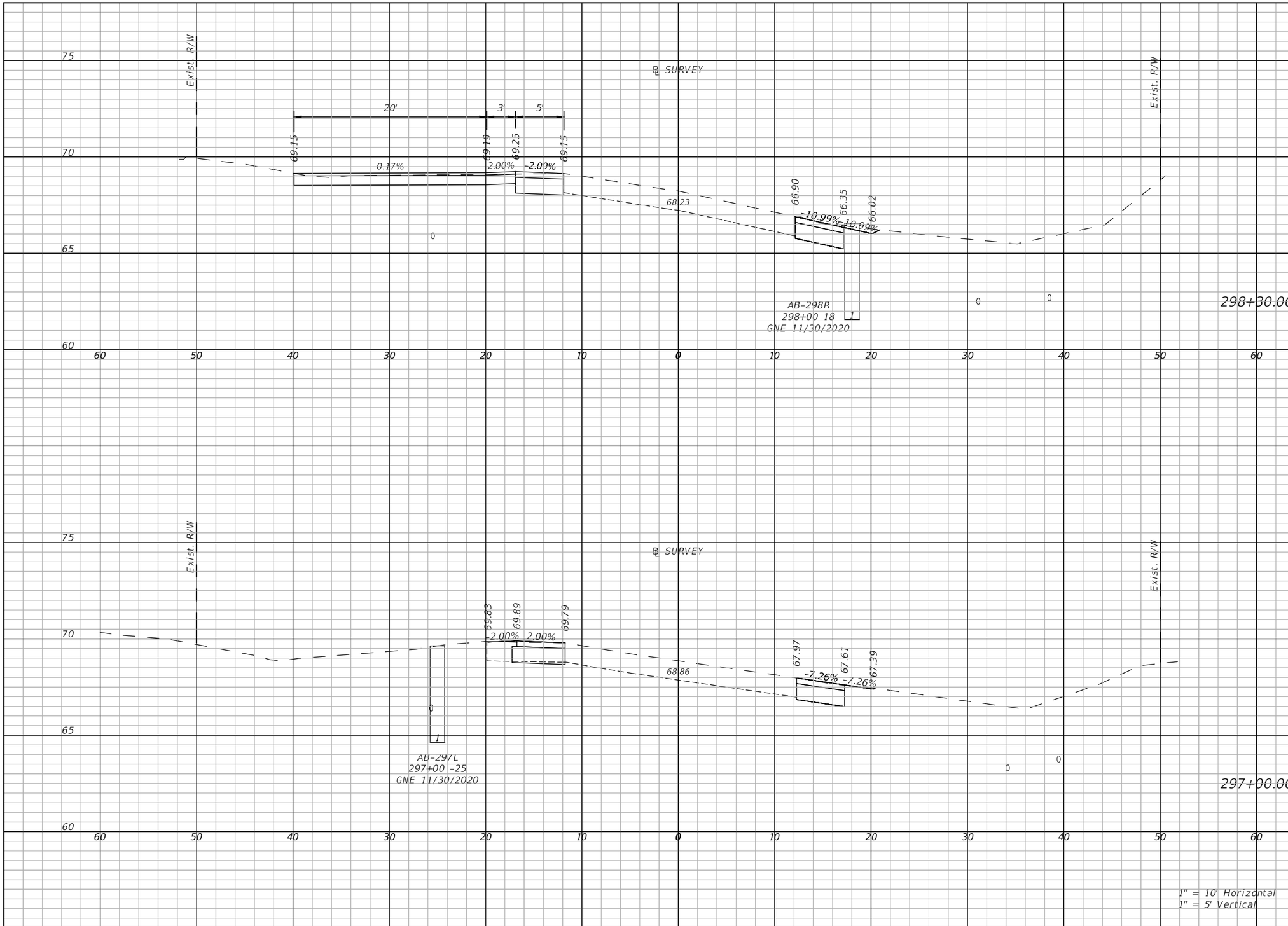
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (68)

SHEET NO.
115

John Hutchison 4/8/2021 12:37:21 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD07.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
23.1	74	0	3.3
11.4	82.9	0	0

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

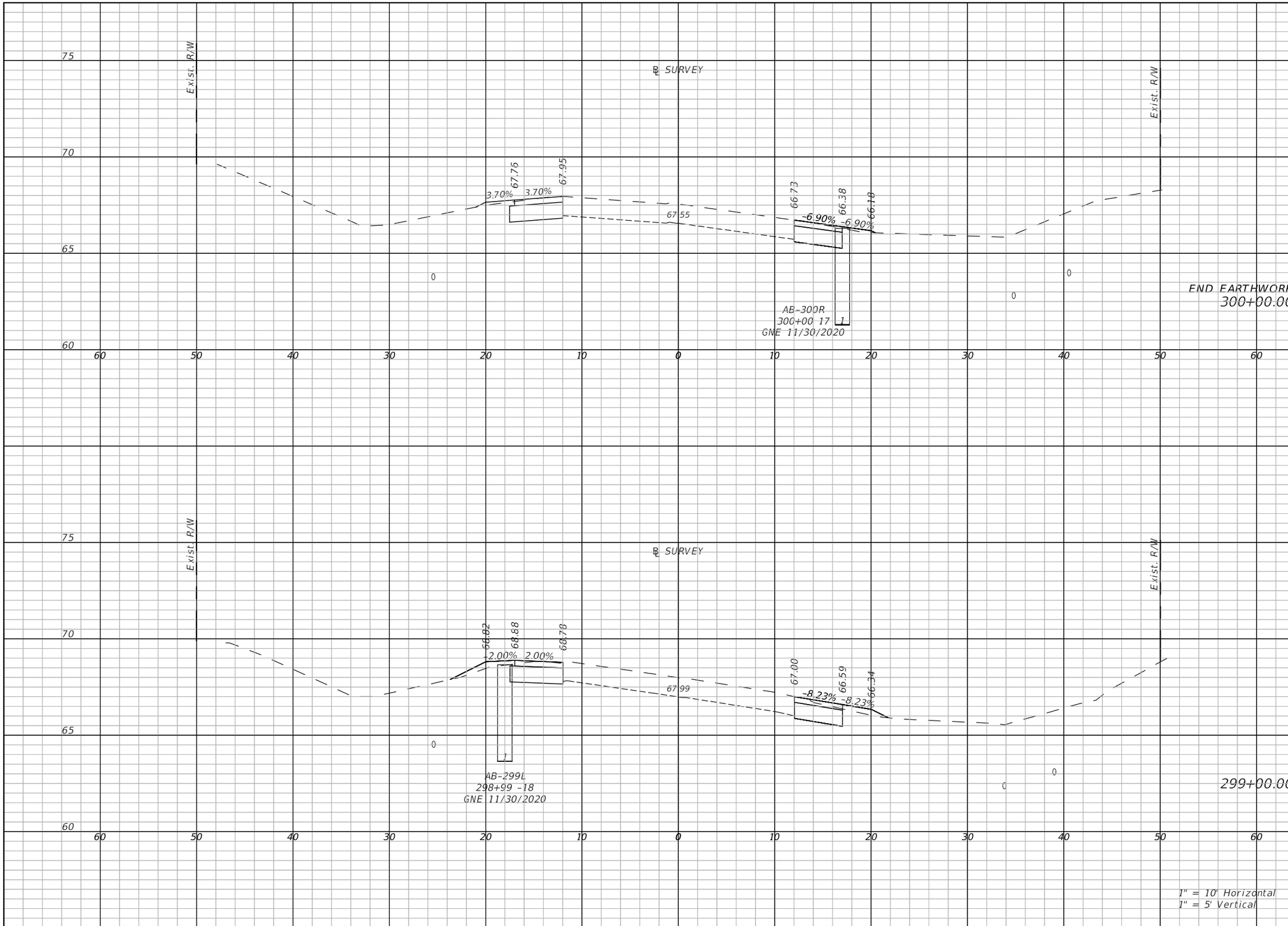
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (69)

SHEET NO.
116

John Hutchison 2/2/2021 9:08:42 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD07.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
14.1		0.8	
34	88.9	2.6	6.2

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (70)

SHEET NO.
117

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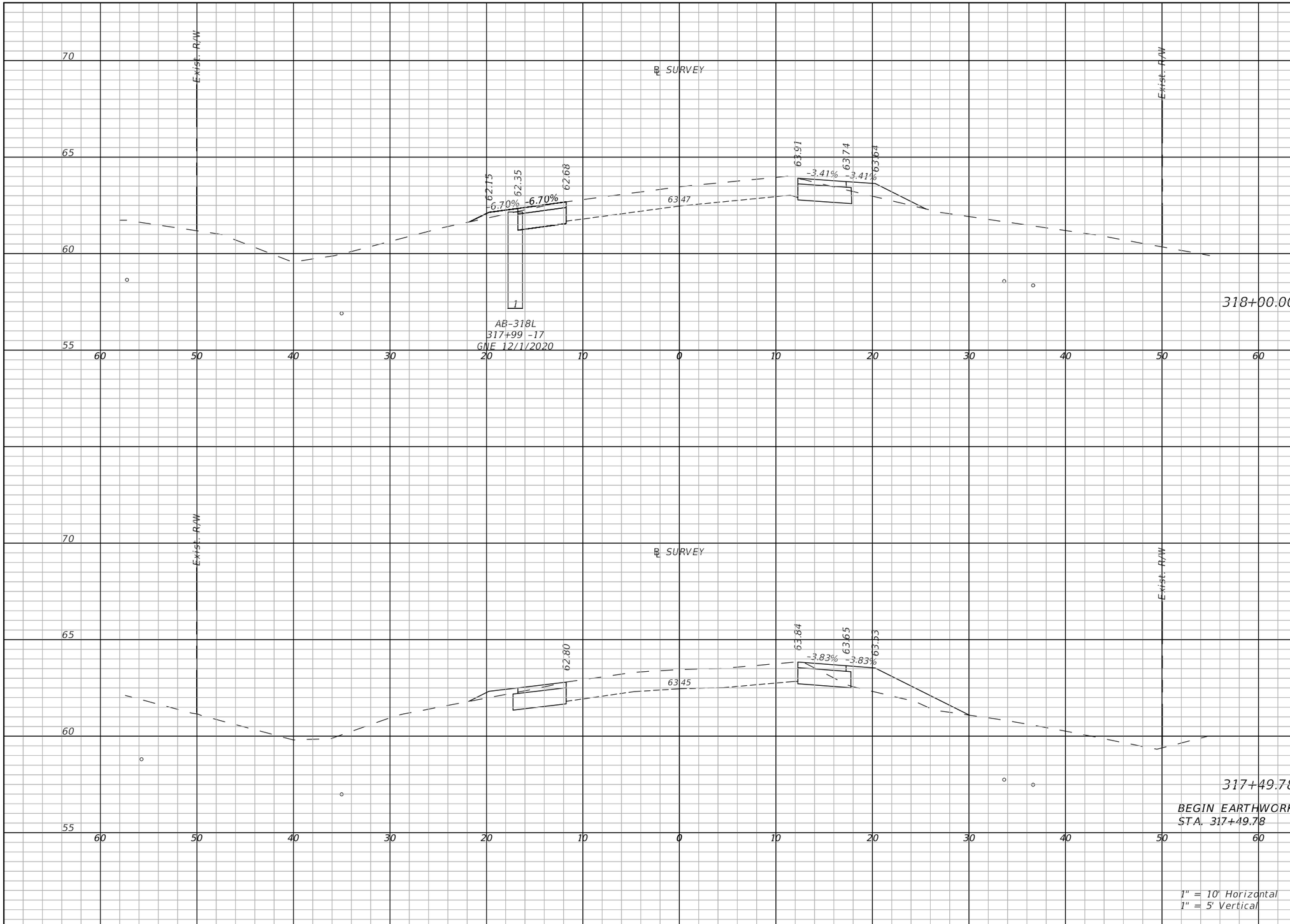

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.2	40	4.4	9.5
9.1	17.9	0	14

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

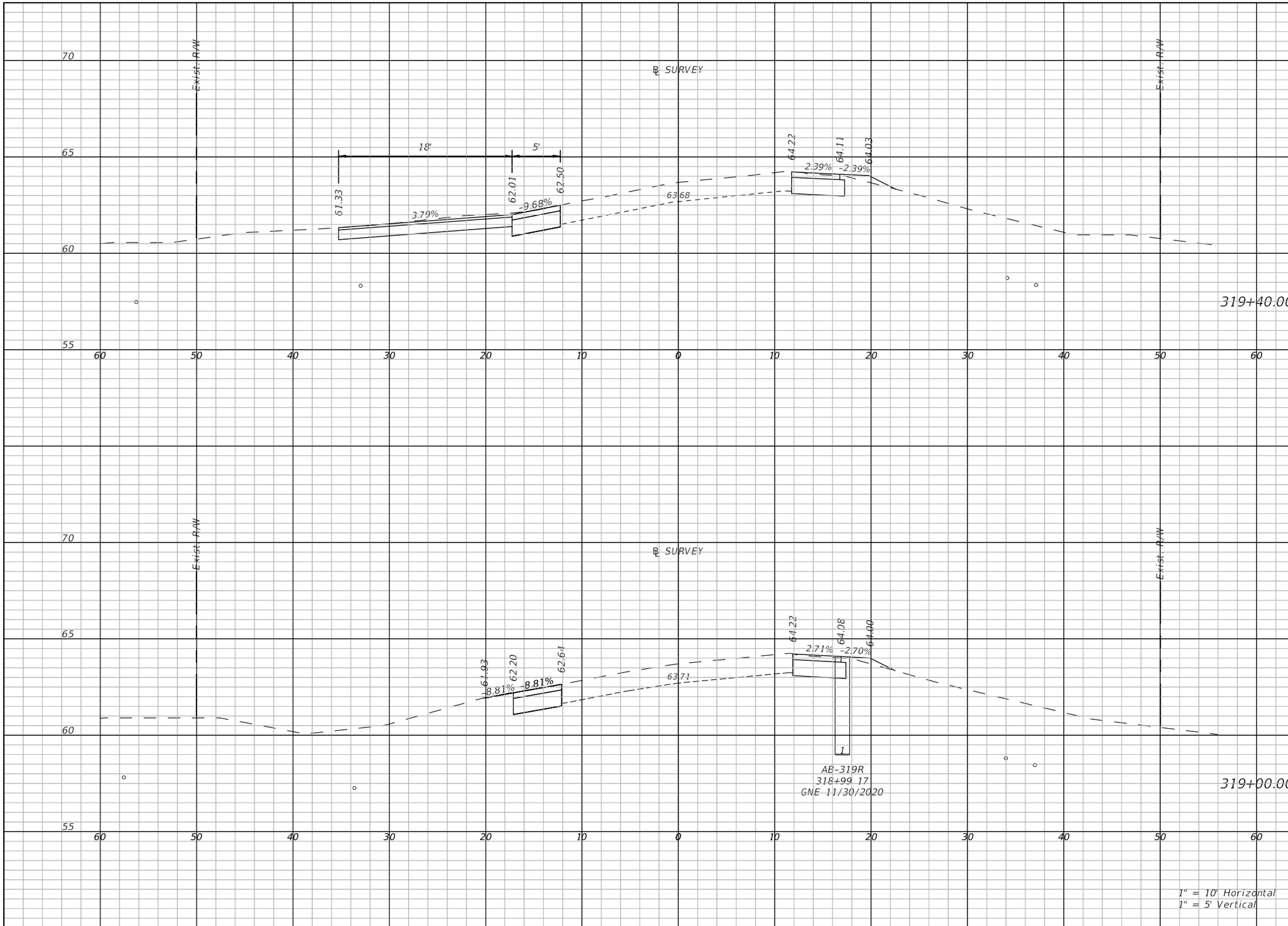
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (71)

SHEET NO.
118

John Hutchison 2/2/2021 9:09:34 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
23.7	38.7	1.1	3.4
11.4	26	0.8	1.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (72)

SHEET NO.
119

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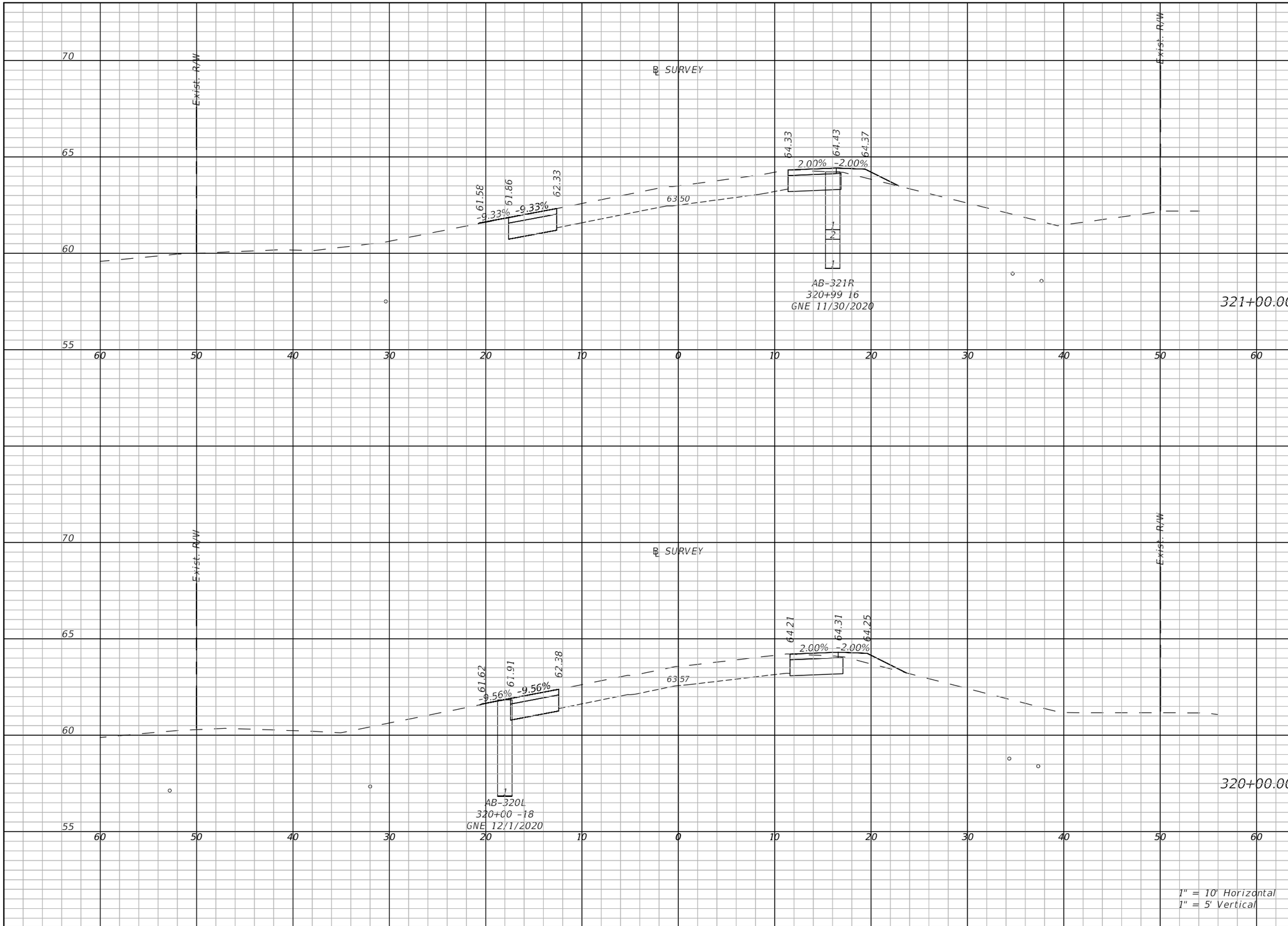

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.1	39	1.7	6.6
11.1	41.1	2	6.9

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REVISIONS

DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

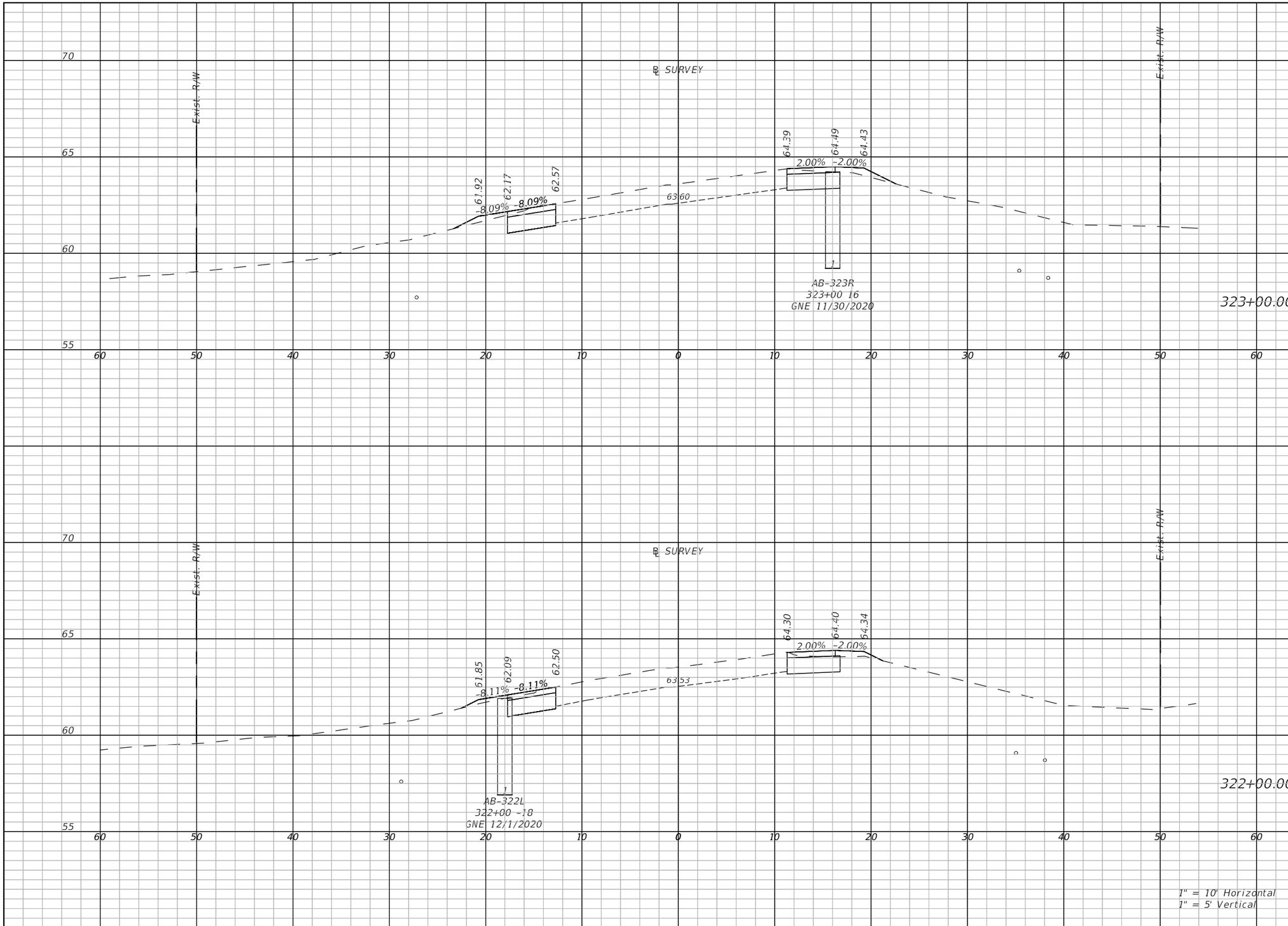
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (73)

SHEET NO.
120

John Hutchison 2/2/2021 9:09:46 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.7	71.4	2.7	8.1
10	38.2	1.9	8.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

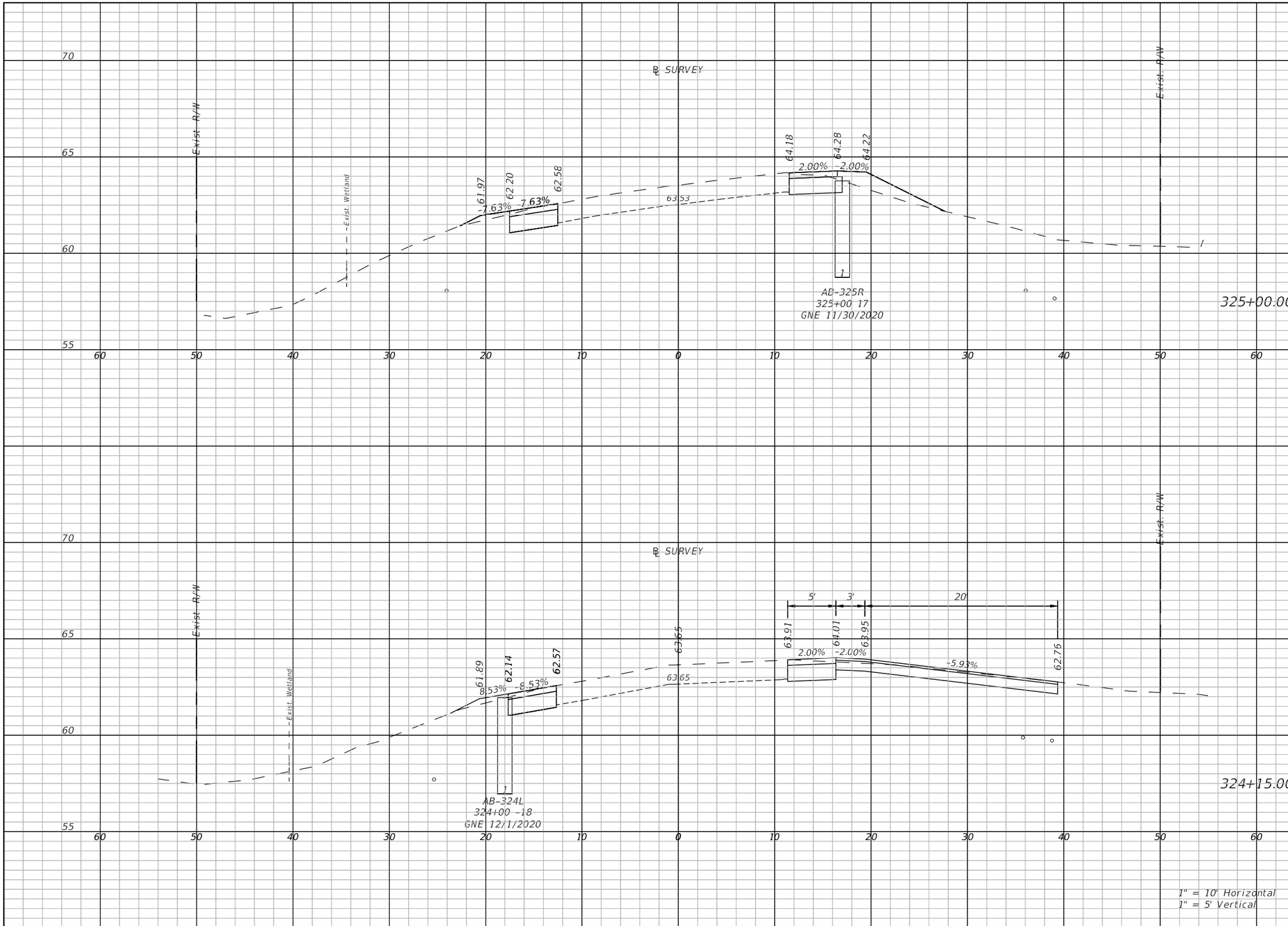
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (74)

SHEET NO.
121

John Hutchison 2/2/2021 9:09:53 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.5	40.1	6.8	17.7
22.9	52.4	1.1	12.4

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REVISIONS

DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

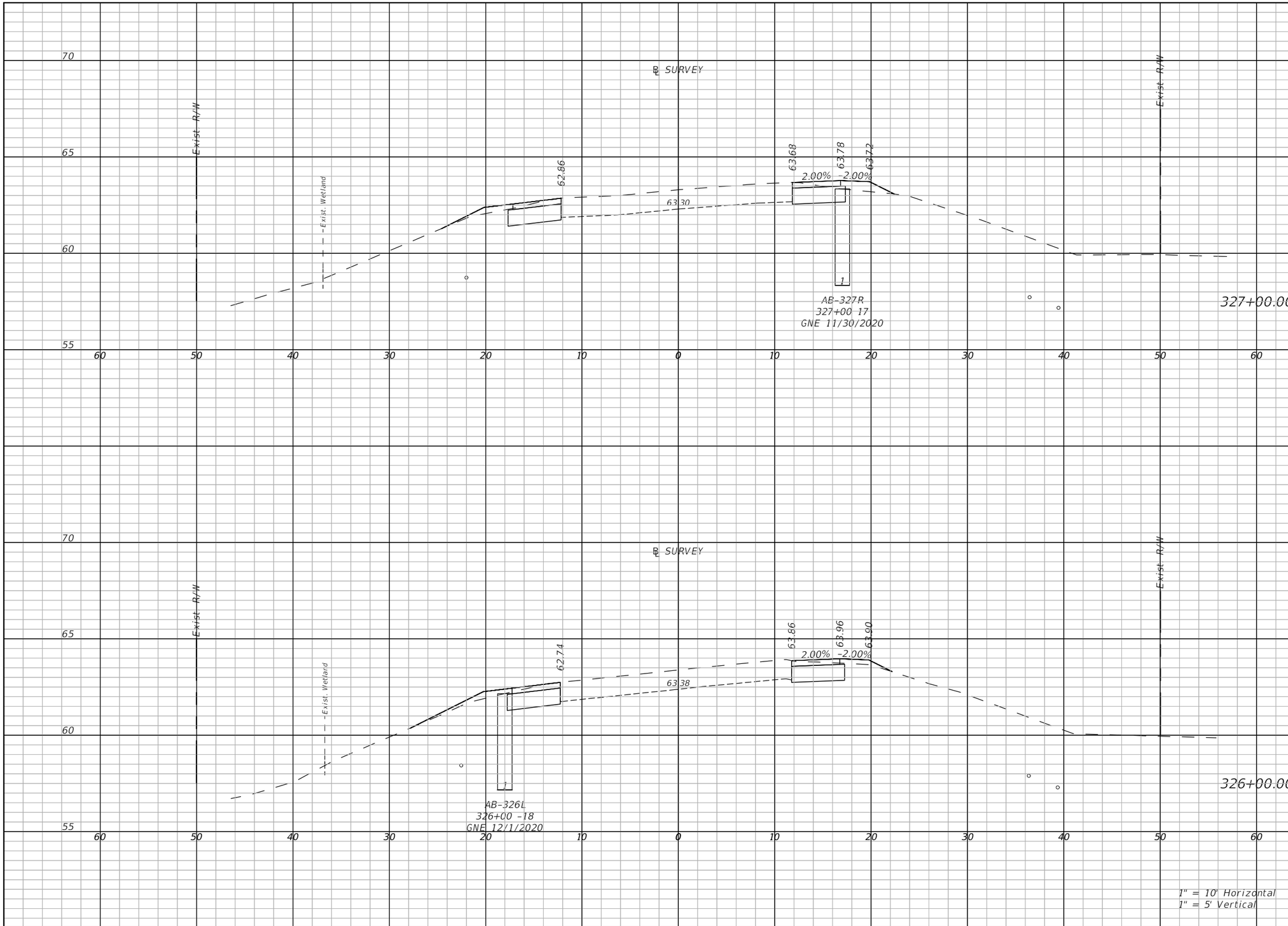
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (75)

SHEET NO.
122

John Hutchison 2/2/2021 9:09:59 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.6	38.2	3.4	14.4
11.2	40.3	2.8	11.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

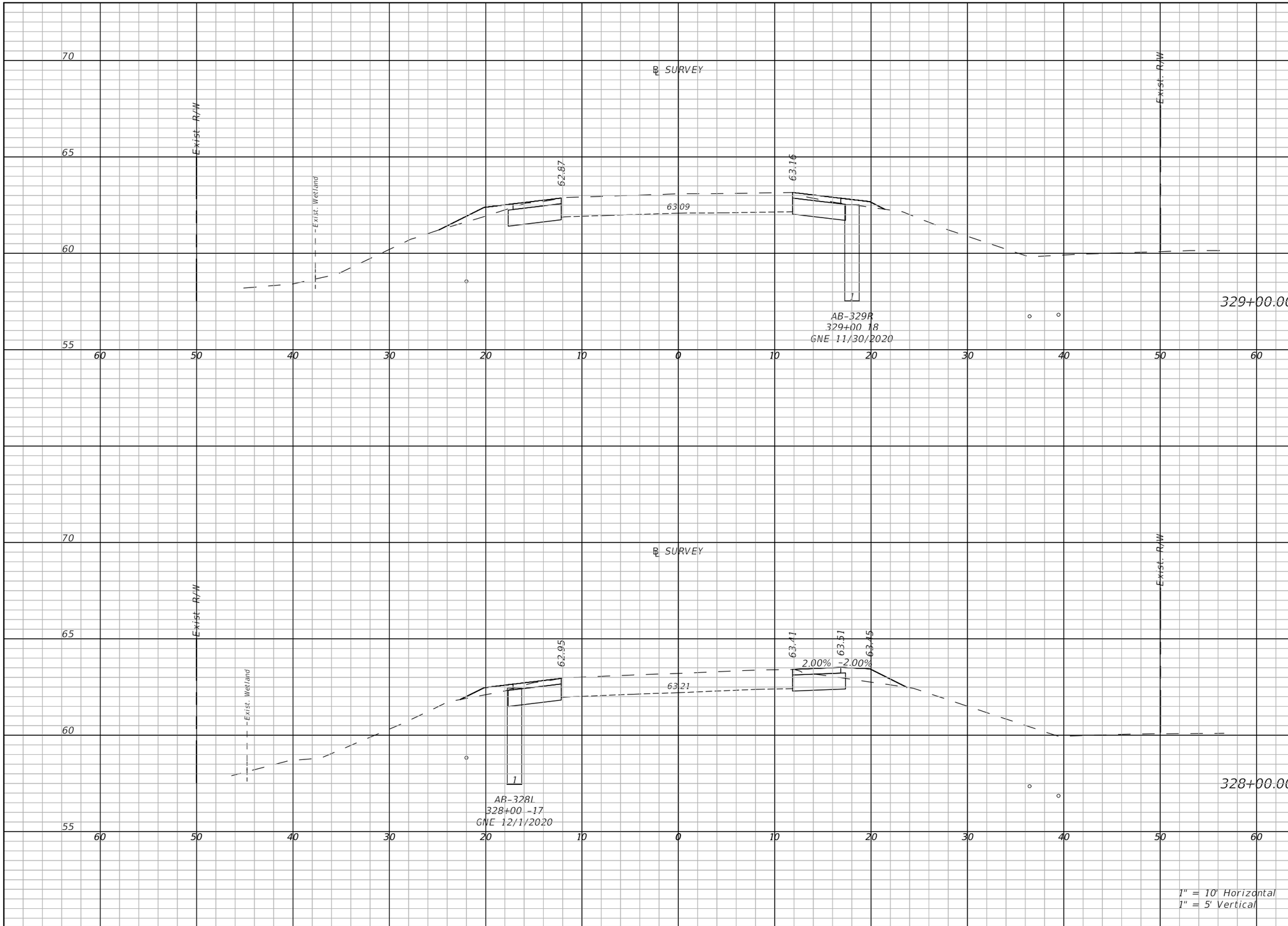
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (76)

SHEET NO.
123

John Hutchison 2/2/2021 9:10:05 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11	40.2	3.2	17.3
10.1	39	4.5	14.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (77)

SHEET NO.
124

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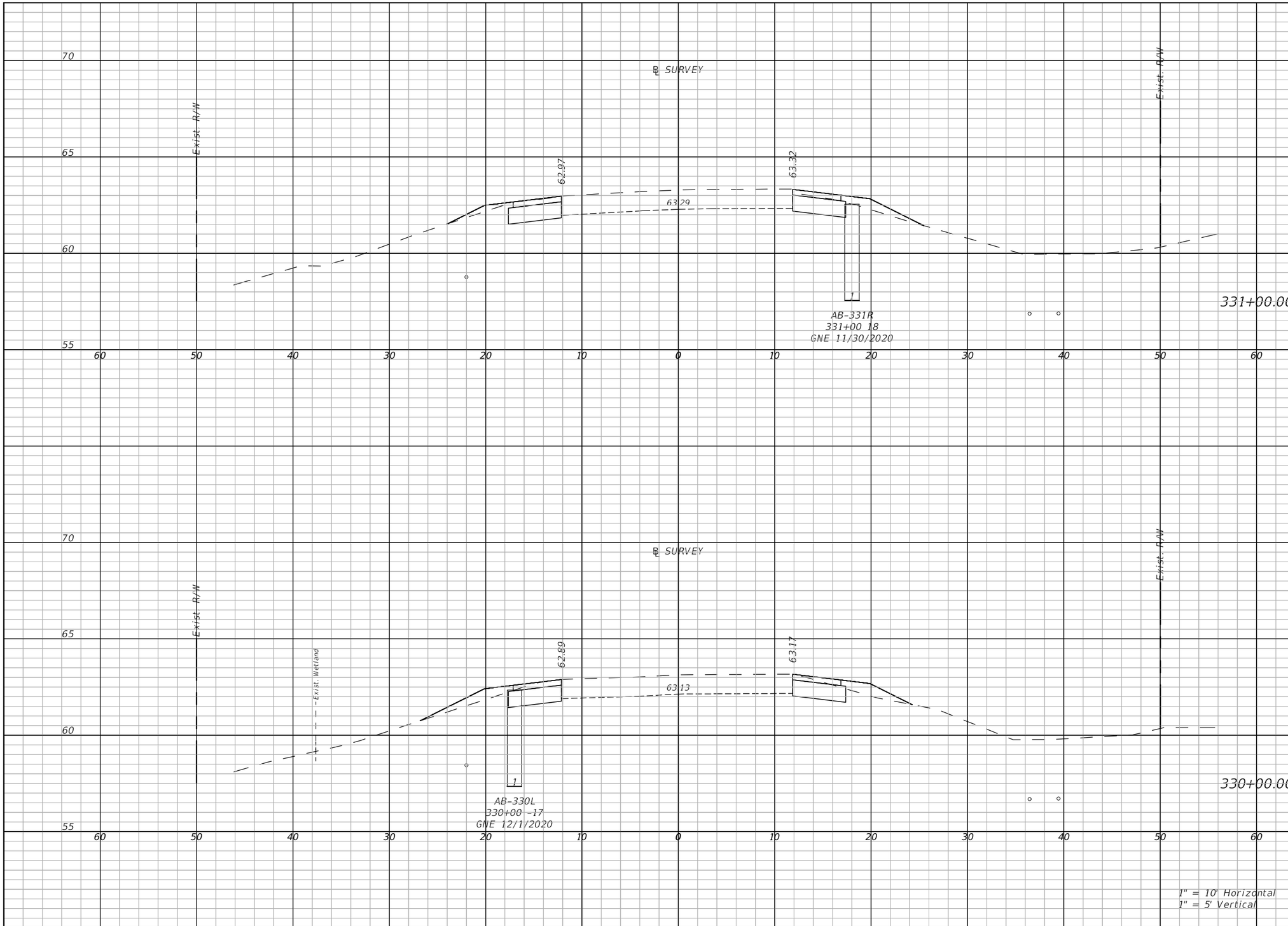

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.9	40.4	4	12.9
10.8	40	6.2	18.9

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (78)

SHEET NO.
125

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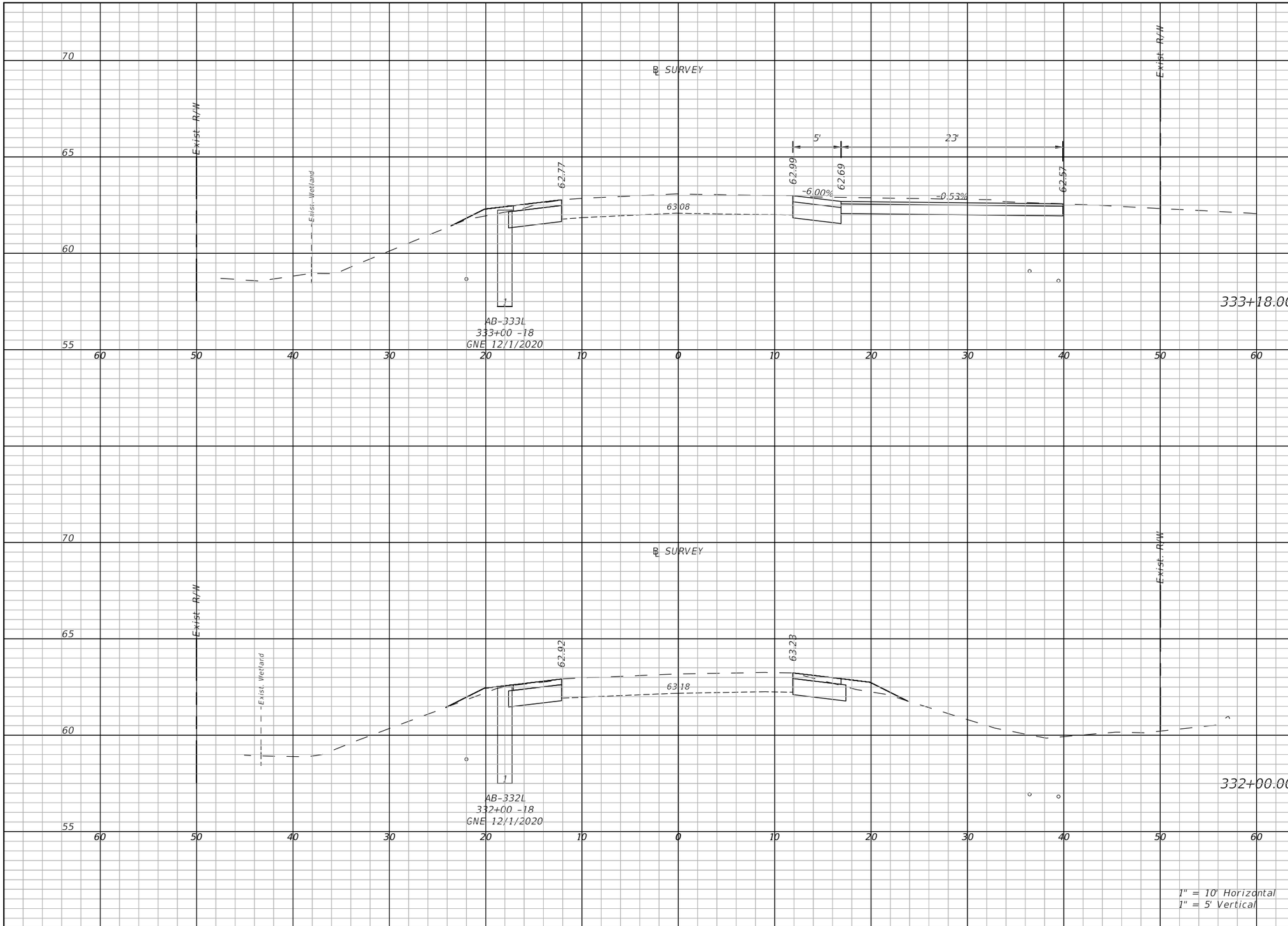

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
29.6	60.7	1.4	8.7
11	88.5	3	9.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (79)

SHEET NO.
126

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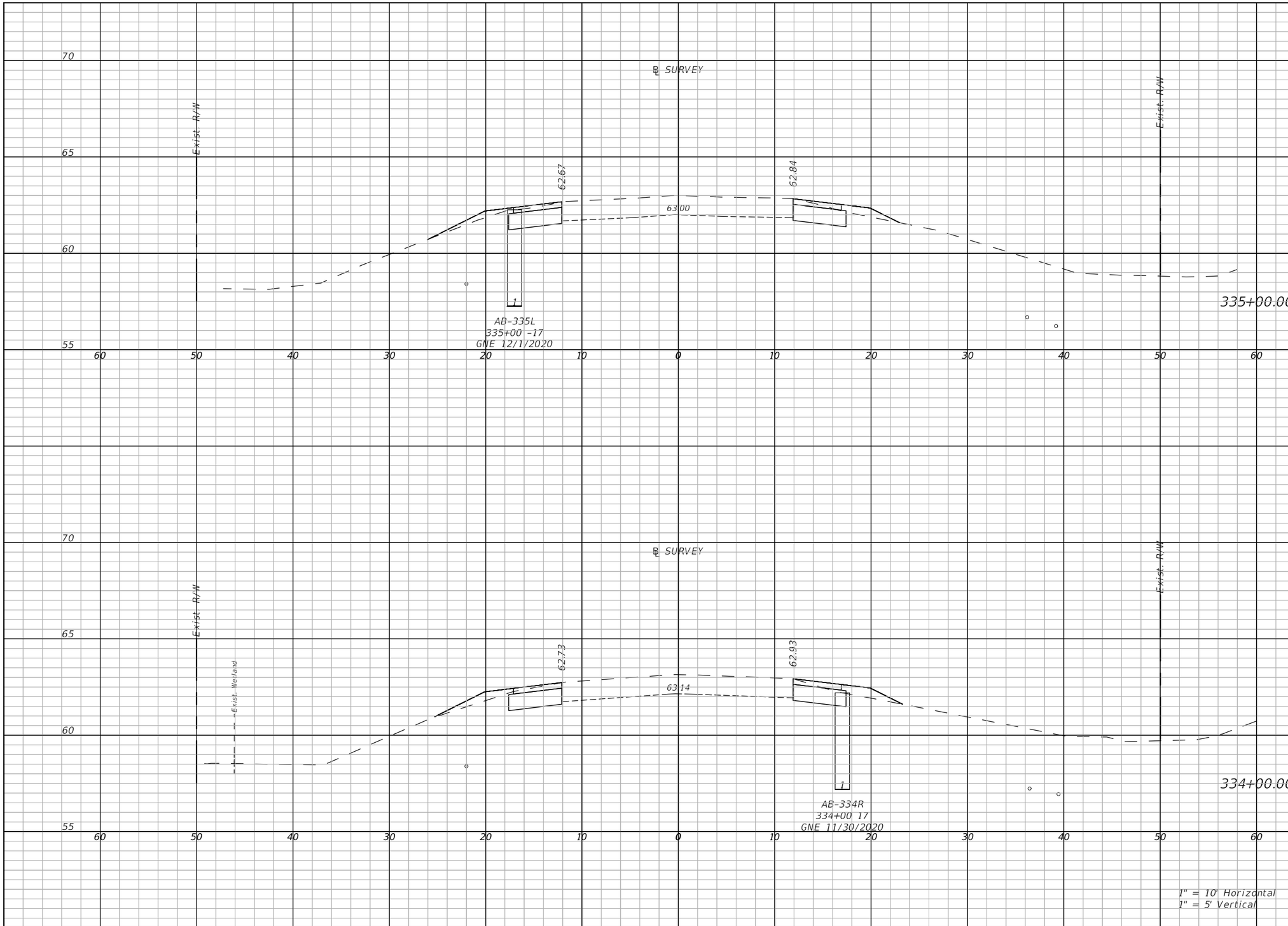

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.9	39.5	3.5	13.3
10.5	39.4	4.4	14.6

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (80)

SHEET NO.
127

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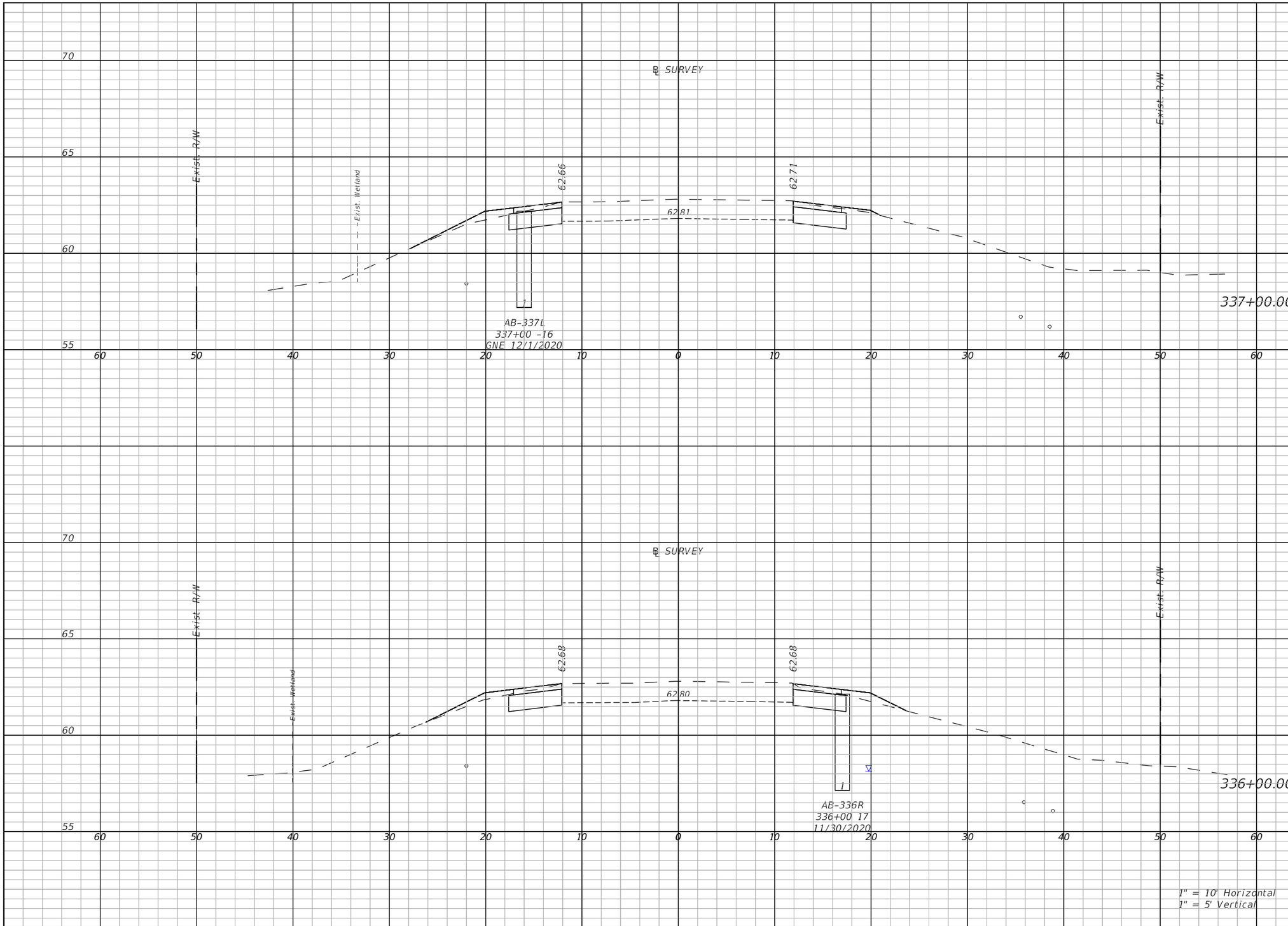

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.9	40	2.7	10.1
10.5	39.5	3.7	11.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

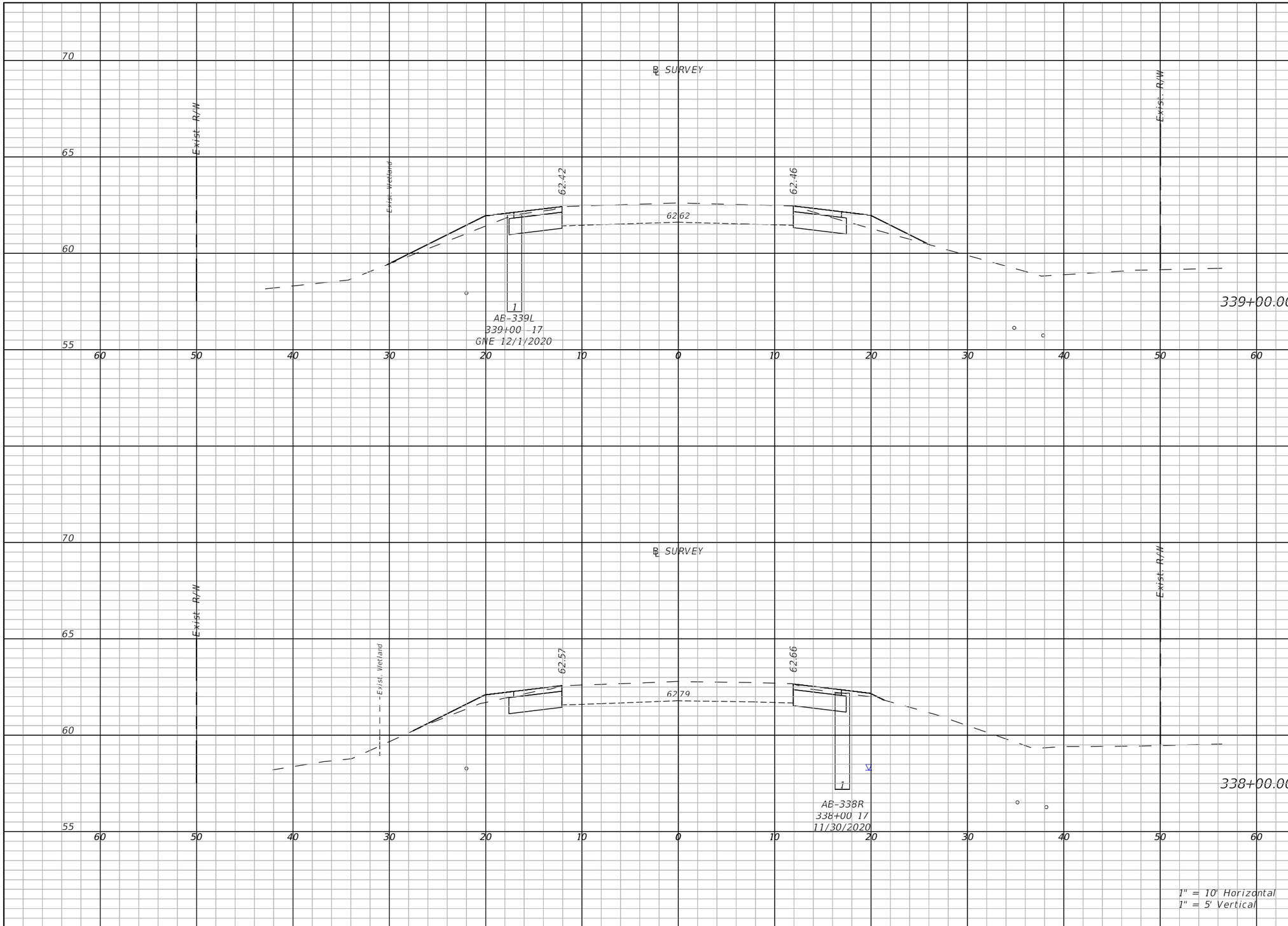
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (81)

SHEET NO.
128

John Hutchison 2/2/2021 9:10:37 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.4	38.8	7.5	19.3
10.8	39.1	2.8	19

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

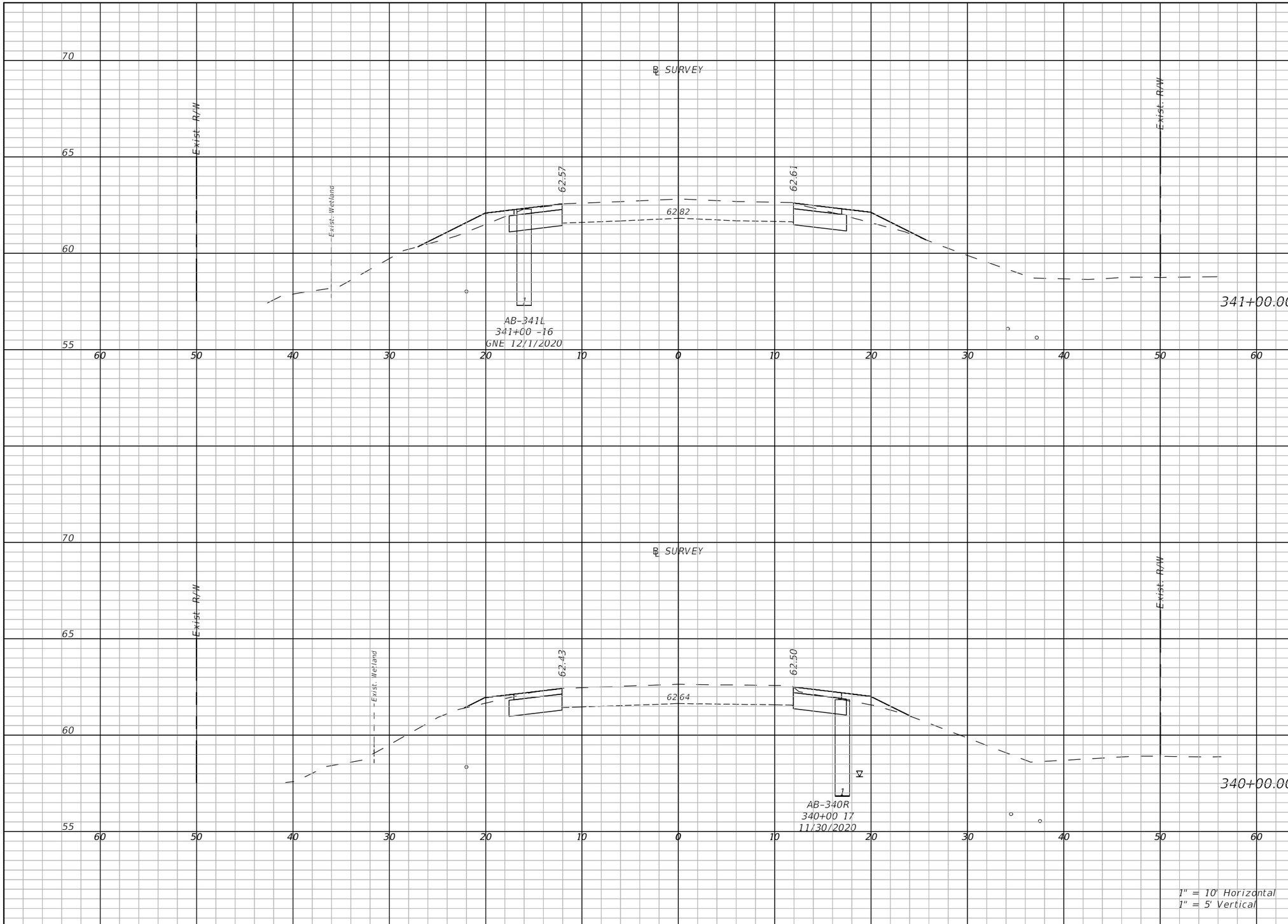
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (82)

SHEET NO.
129

John Hutchison 2/2/2021 9:10:43 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11	41.5	6.2	15.7
10.6	40	3	16.9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

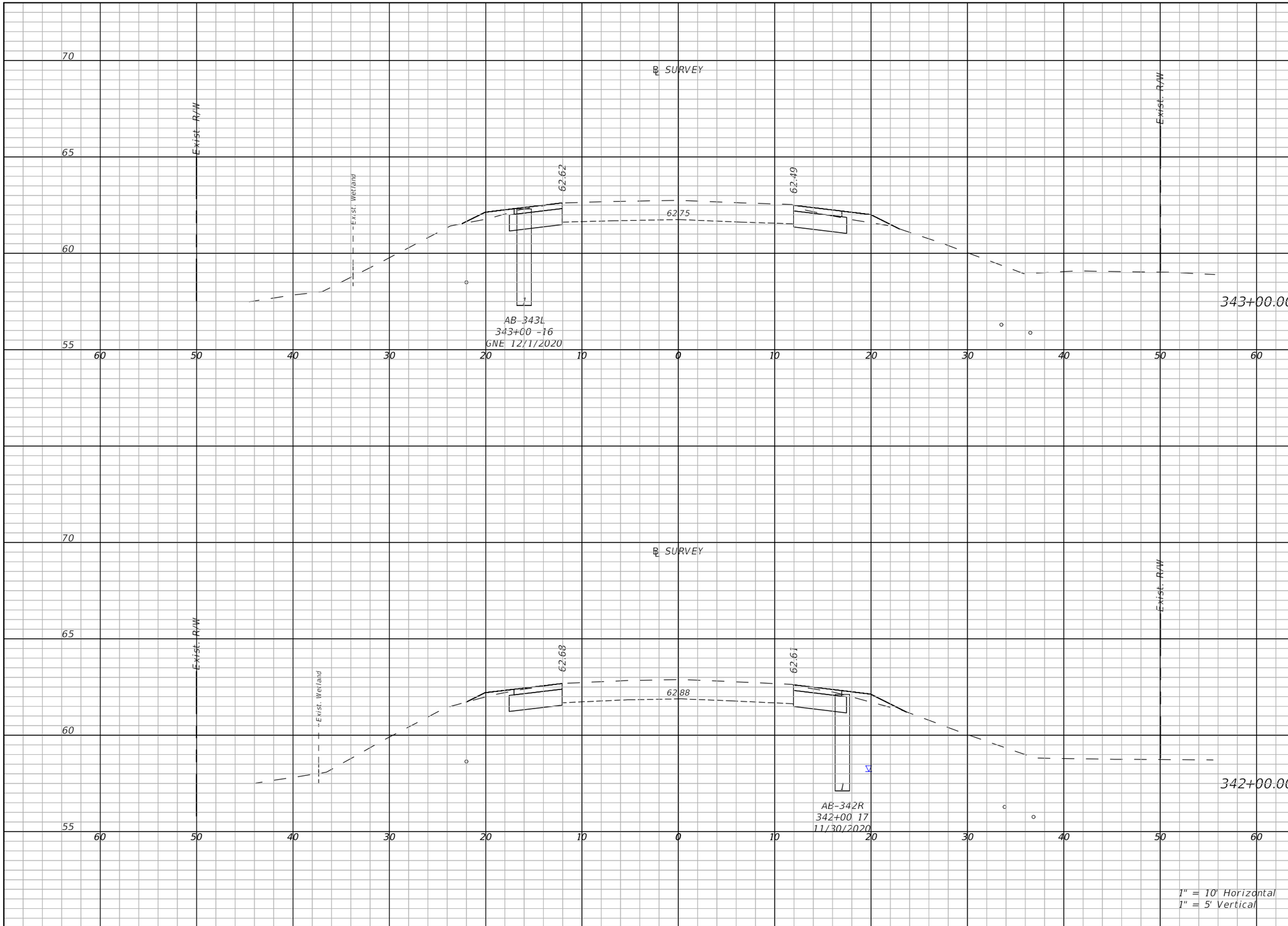
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (83)

SHEET NO.
130

John Hutchison 2/2/2021 9:10:49 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.7	39.4	2.9	16.1
11.4	40.9	2.3	9.6

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

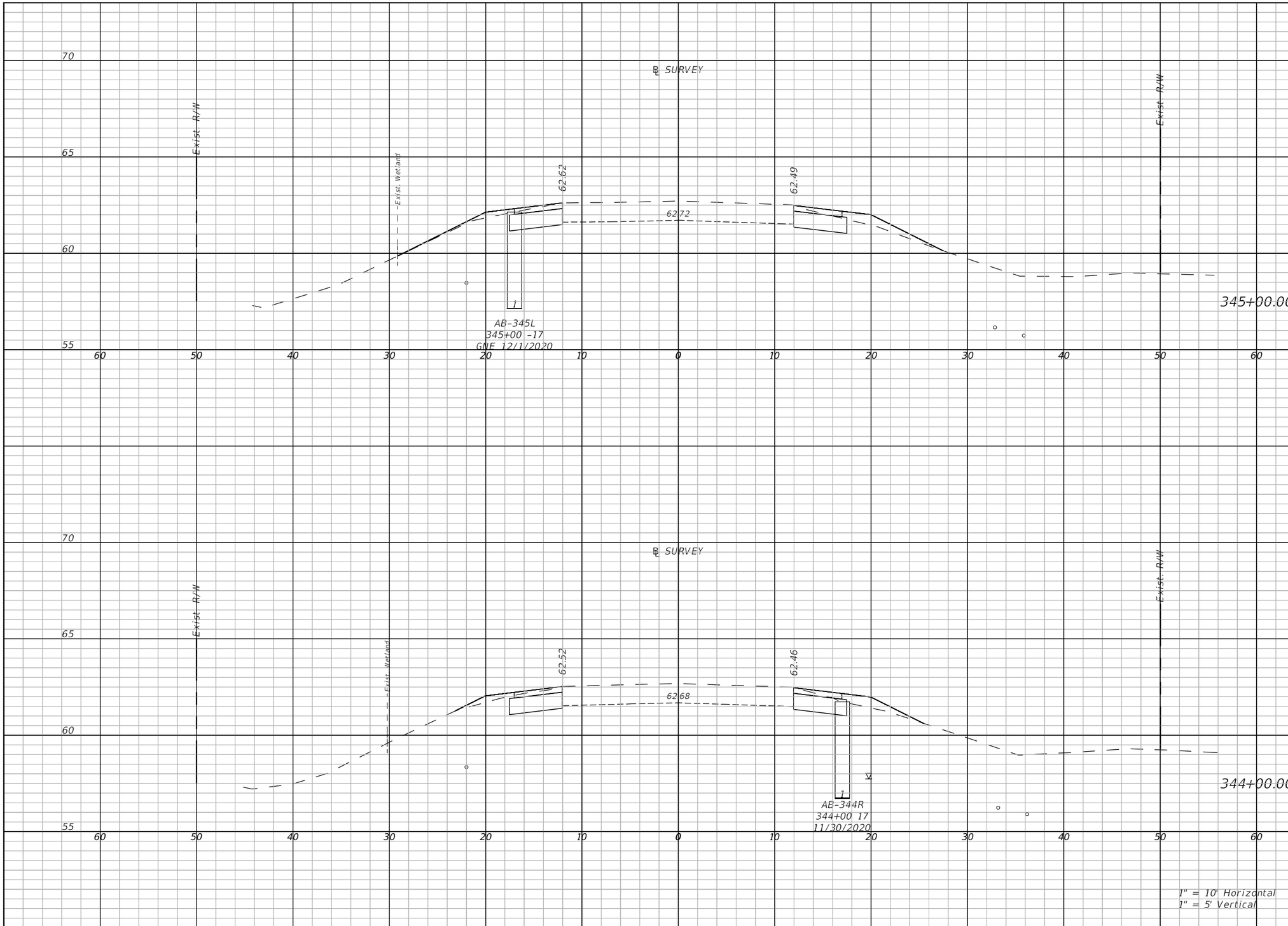
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (84)

SHEET NO.
131

John Hutchison 2/2/2021 9:10:56 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.6	39	4.7	16.8
10.7	39.4	4.1	16.1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

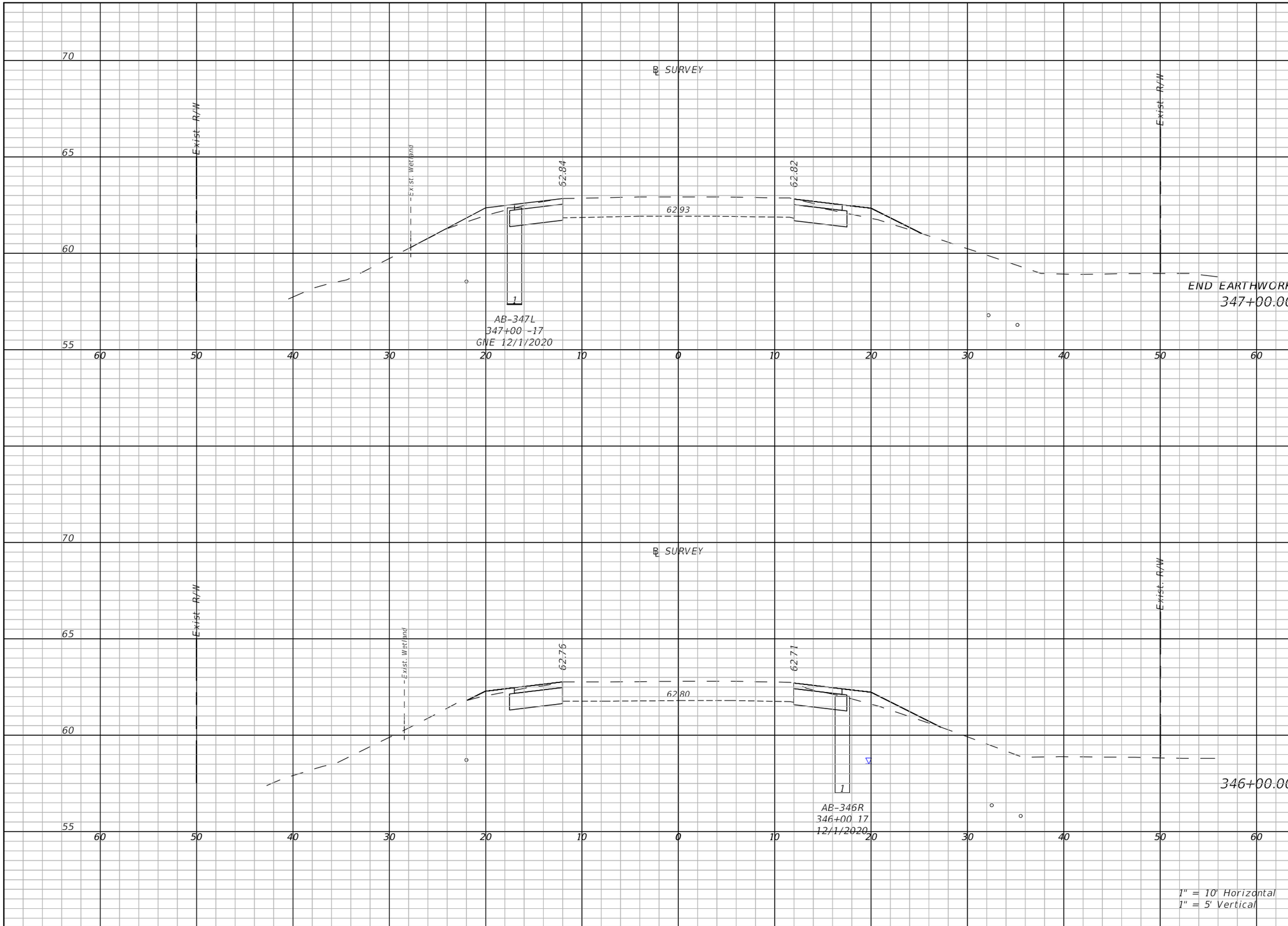
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (85)

SHEET NO.
132

John Hutchison 2/2/2021 9:11:02 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.7		4.4	
10.5	39.2	4.4	16.2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

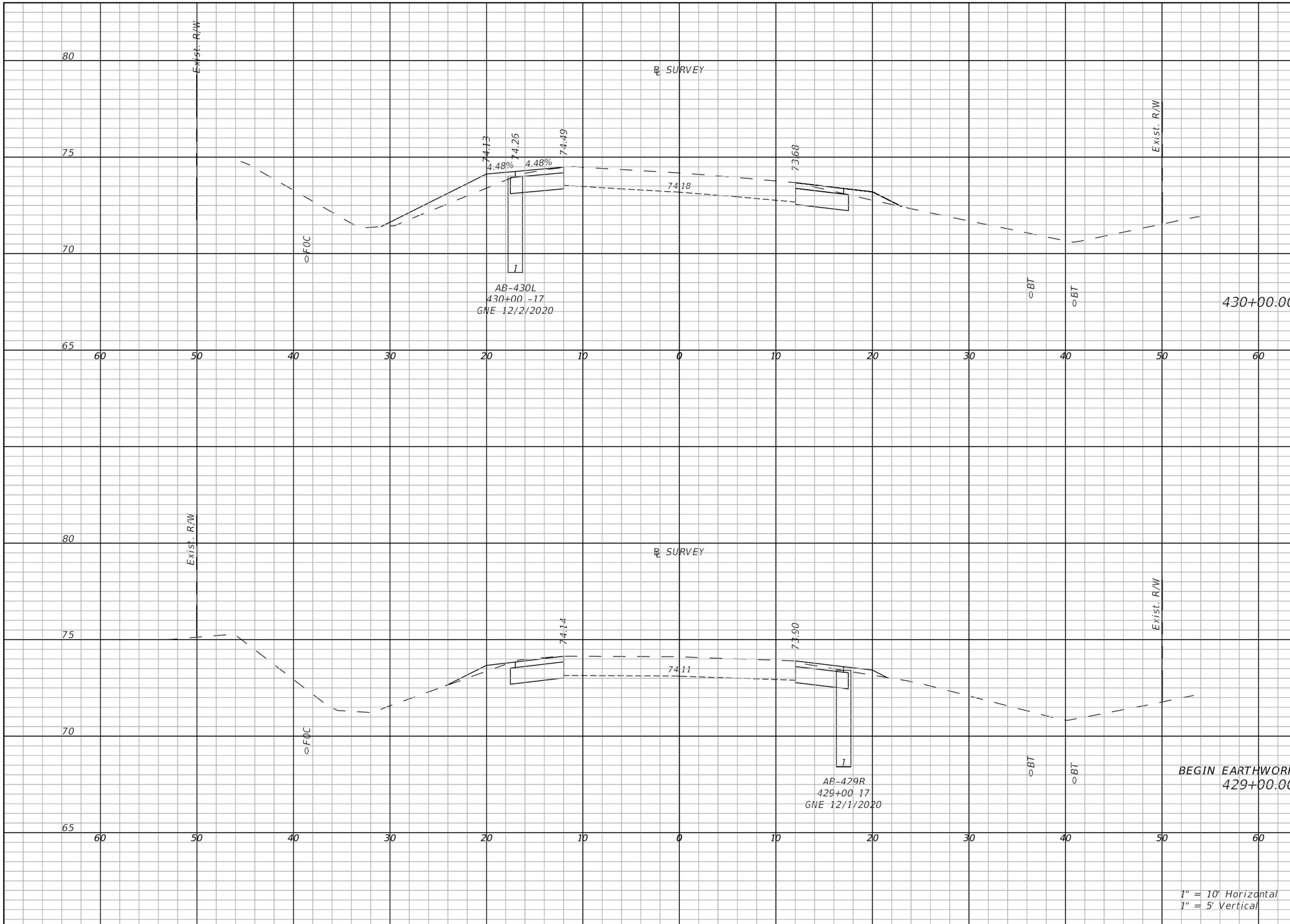
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (86)

SHEET NO.
133

John Hutchison 2/2/2021 9:11:09 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD08.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11	39.6	8.2	29.1
11.5	41.6	1.9	18.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (87)

SHEET NO.
134

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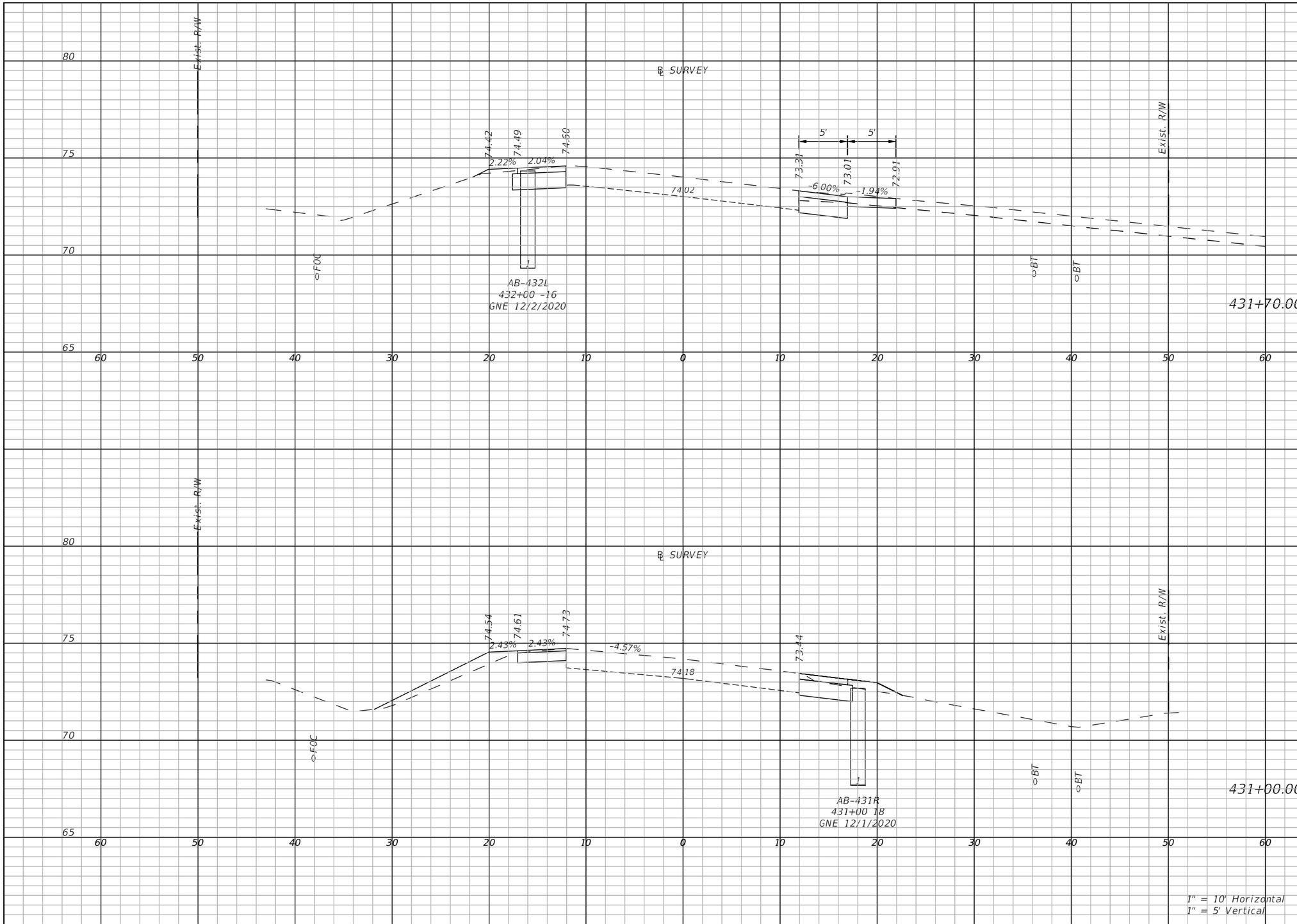

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
14.6	65.2	0.6	3.6
10.4	32.3	7.5	10.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

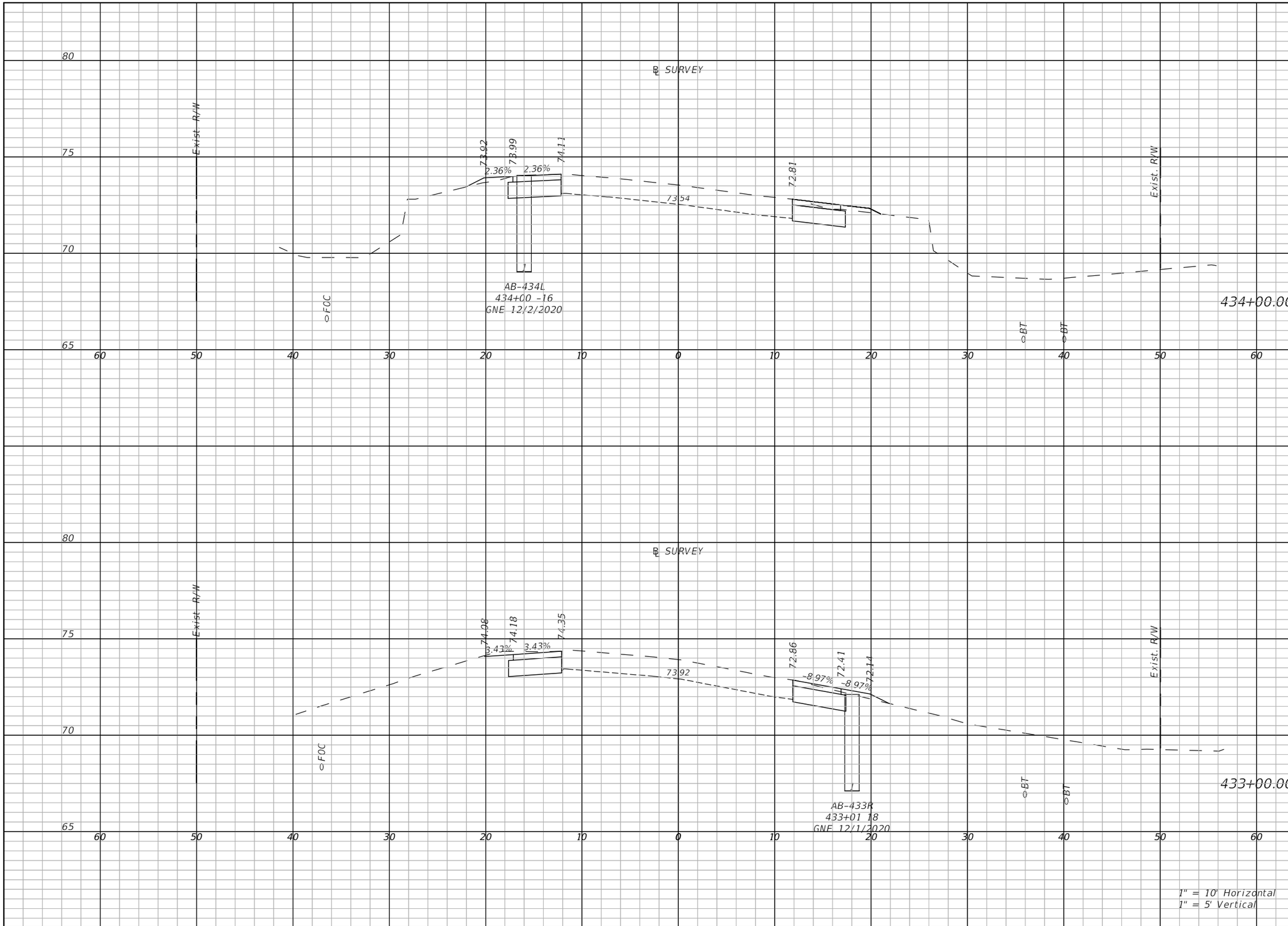
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (88)

SHEET NO.
135

John Hutchison 2/2/2021 9:13:42 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.4	43.3	1.5	3.6
12.6	44.4	0.9	4.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

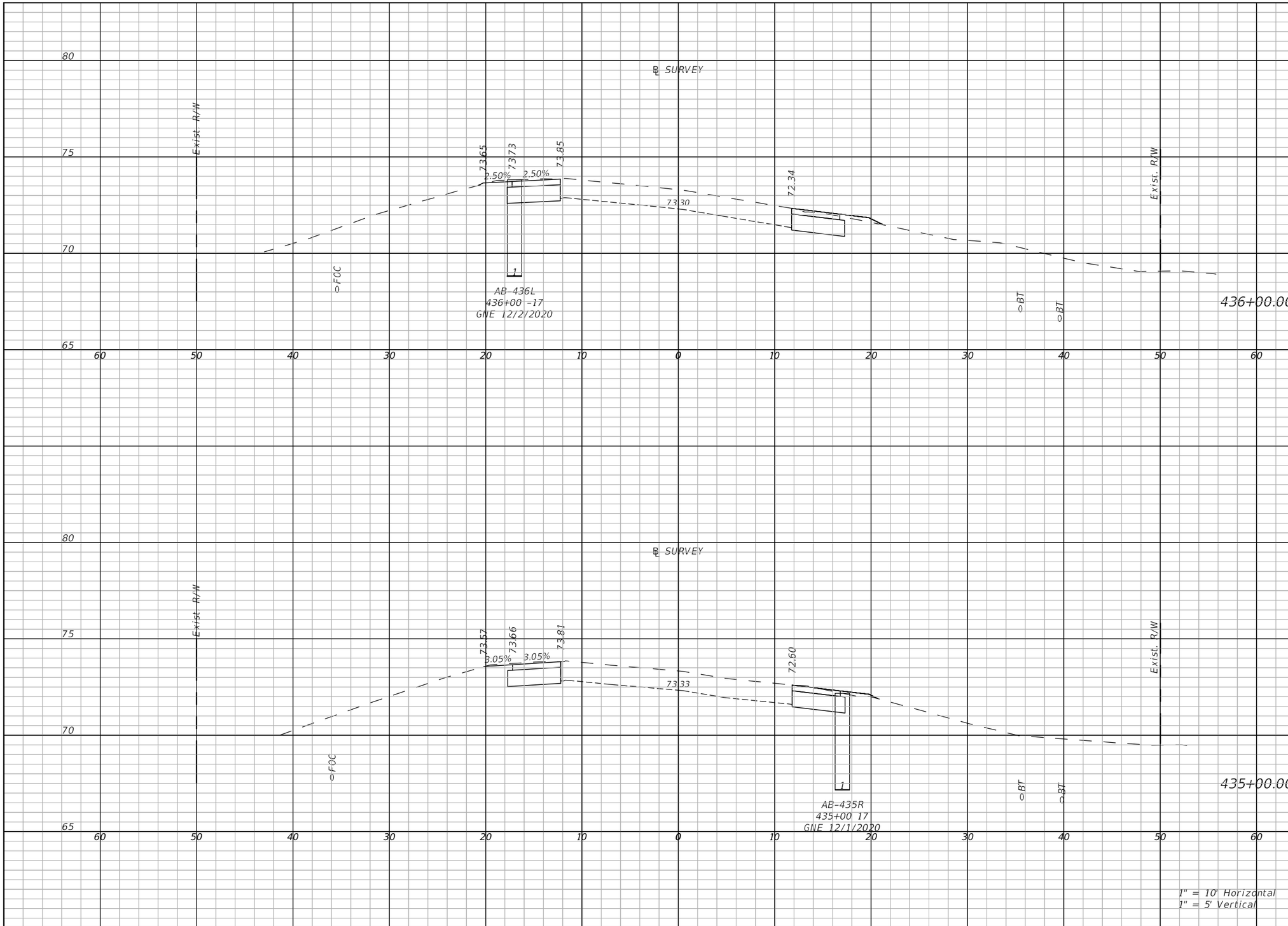
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (89)

SHEET NO.
136

John Hutchison 2/2/2021 9:13:53 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.2	44.4	0.7	3.9
12	44.8	0.5	2.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

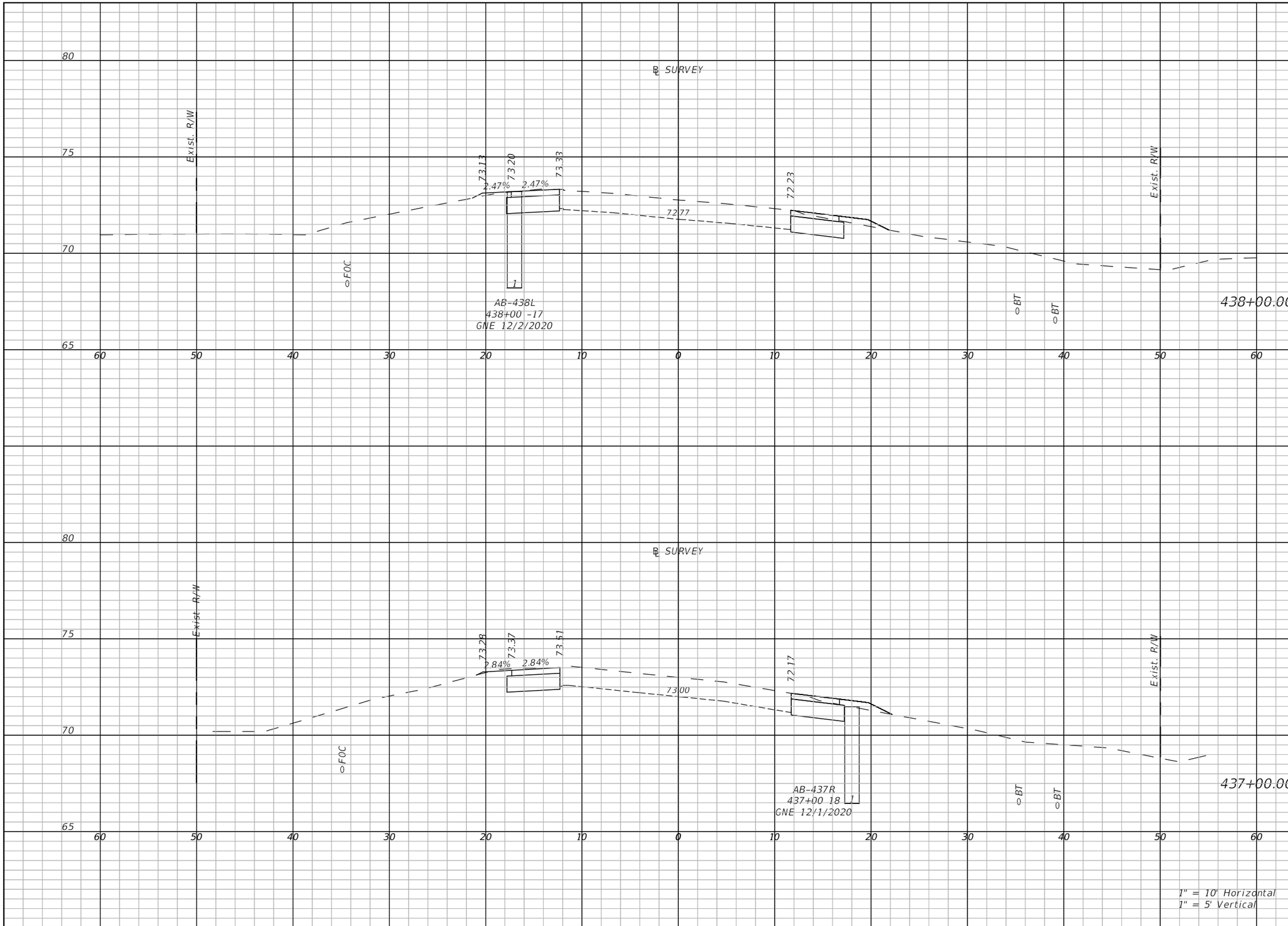
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (90)

SHEET NO.
137

John Hutchison 2/2/2021 9:14:04 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.4	47.3	1.5	3
11.8	43	1.5	5.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

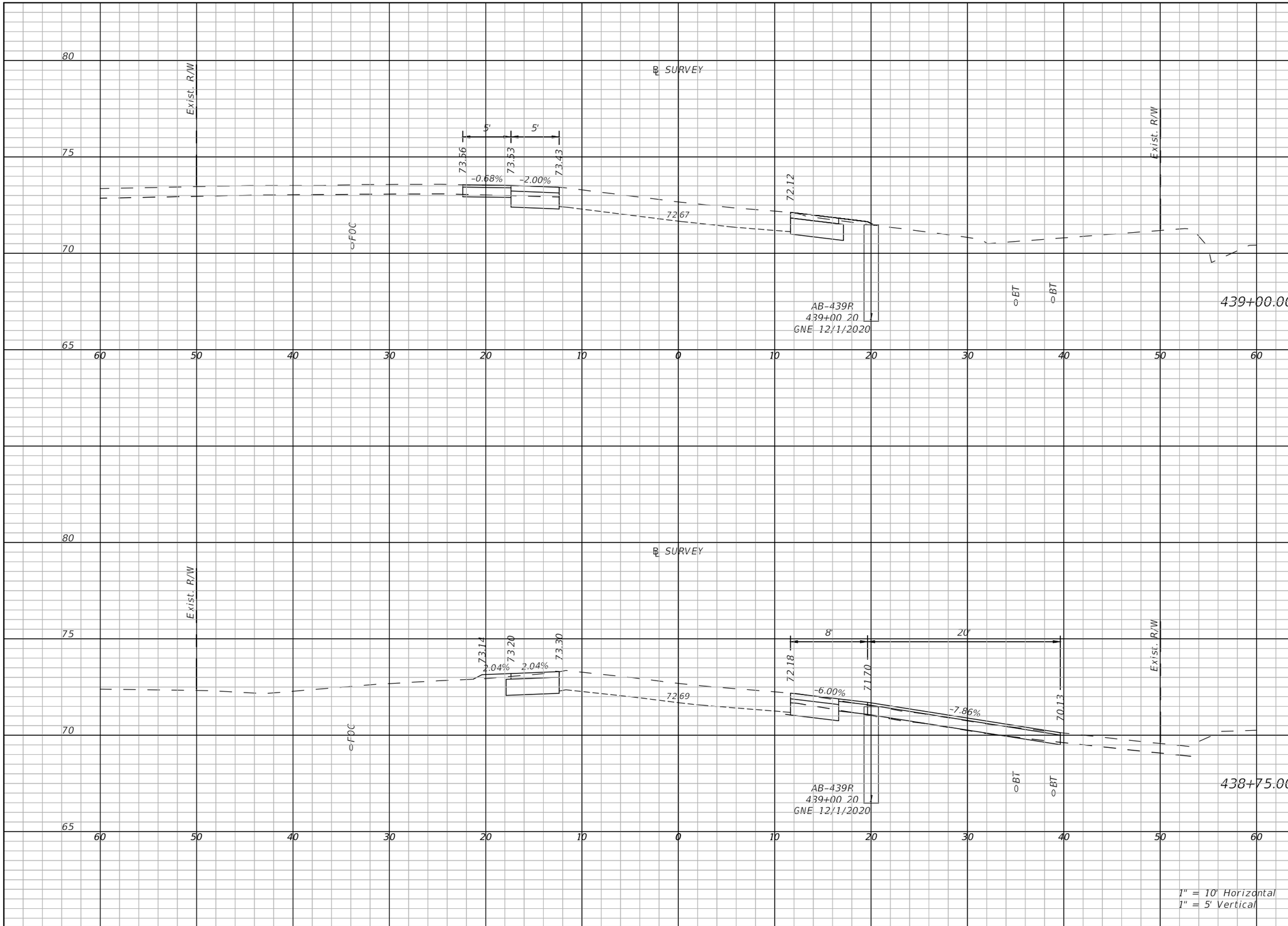
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (91)

SHEET NO.
138

John Hutchison 2/2/2021 9:14:11 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
14.3	44.2	0.5	13.1
22.7	17.1	0.7	0.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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ORLANDO, FL 32810
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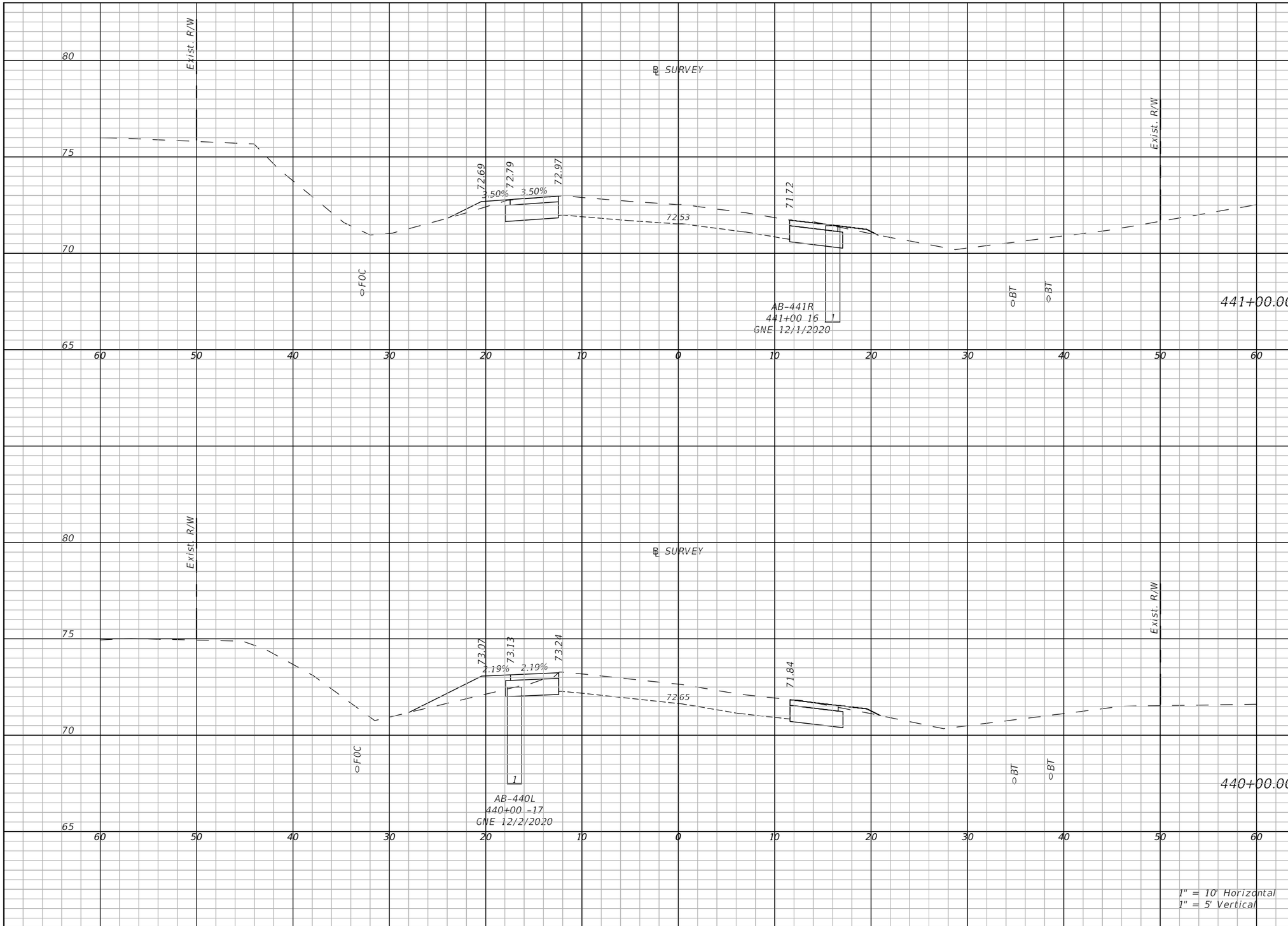
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (92)

SHEET NO.
139

John Hutchison 2/2/2021 9:14:19 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12	43	1.6	7.2
9.6	39.9	6.7	15.2

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

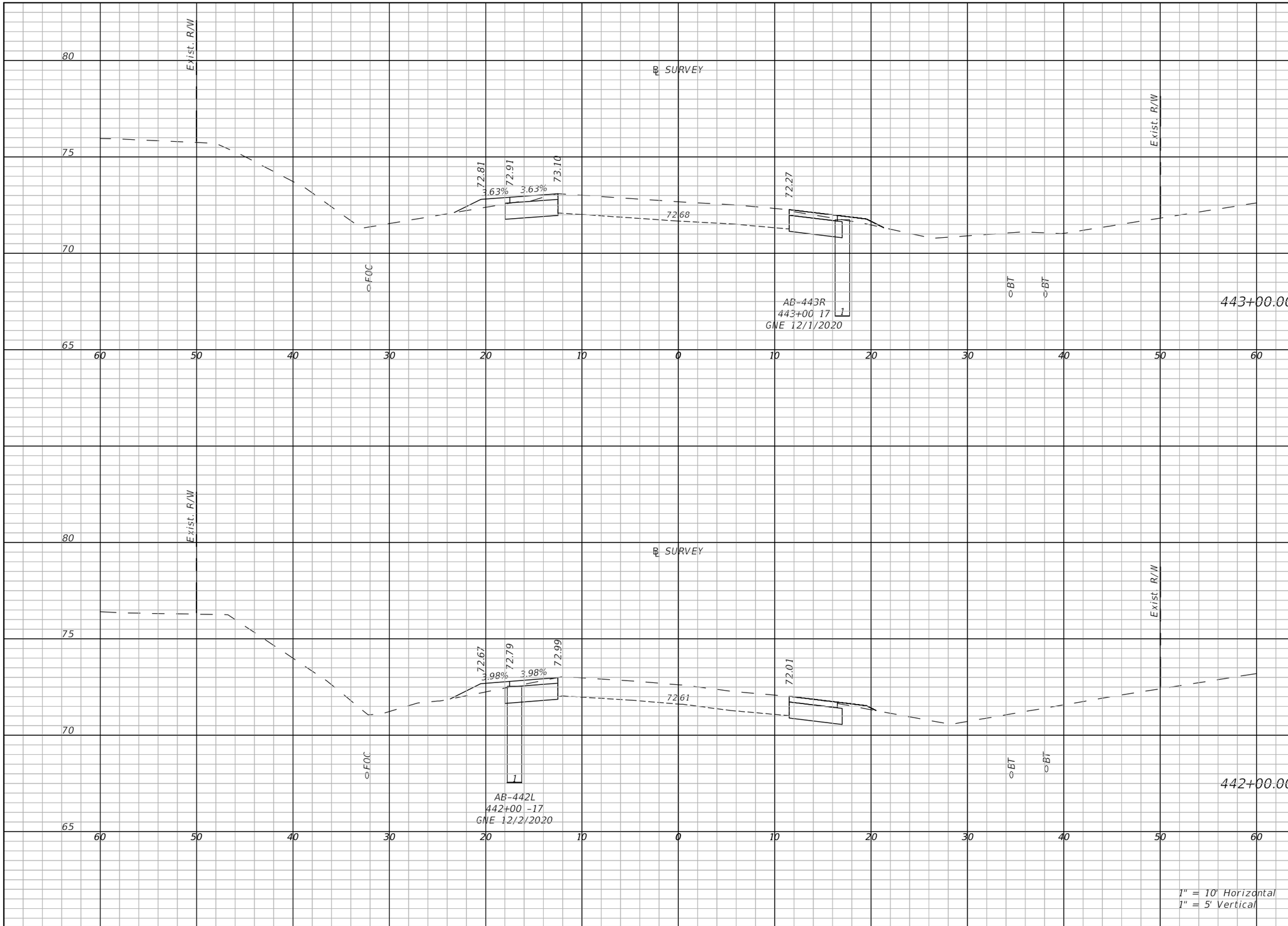
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (93)

SHEET NO.
140

John Hutchison 2/2/2021 9:14:26 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.5	40.6	2.7	5.8
11.3	40.3	2.4	9.3

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

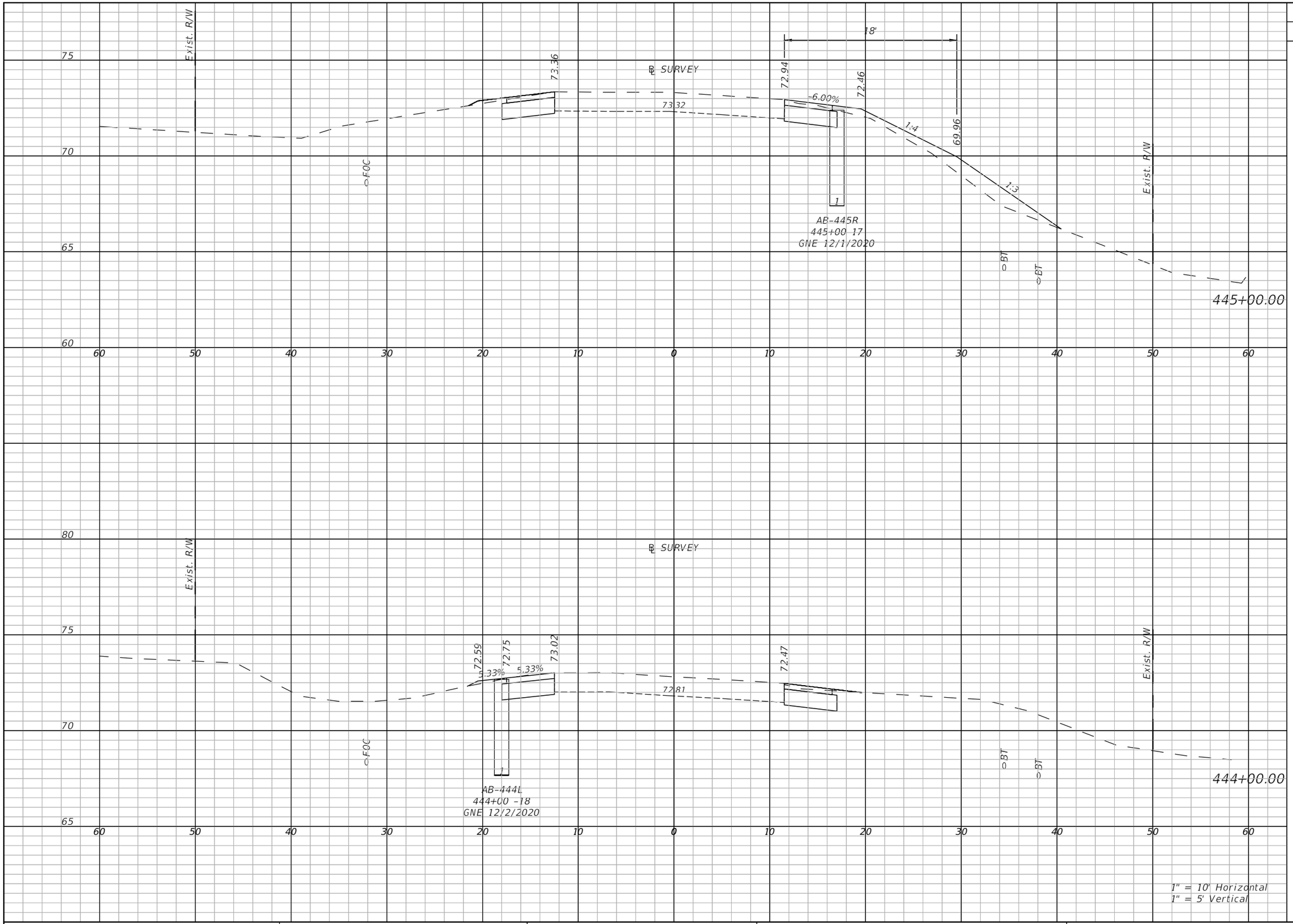
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (94)

SHEET NO.
141

John Hutchison 2/2/2021 9:14:33 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.3	39.1	12.9	91.1
11.5	42.1	0.5	24.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (95)

SHEET NO.
142

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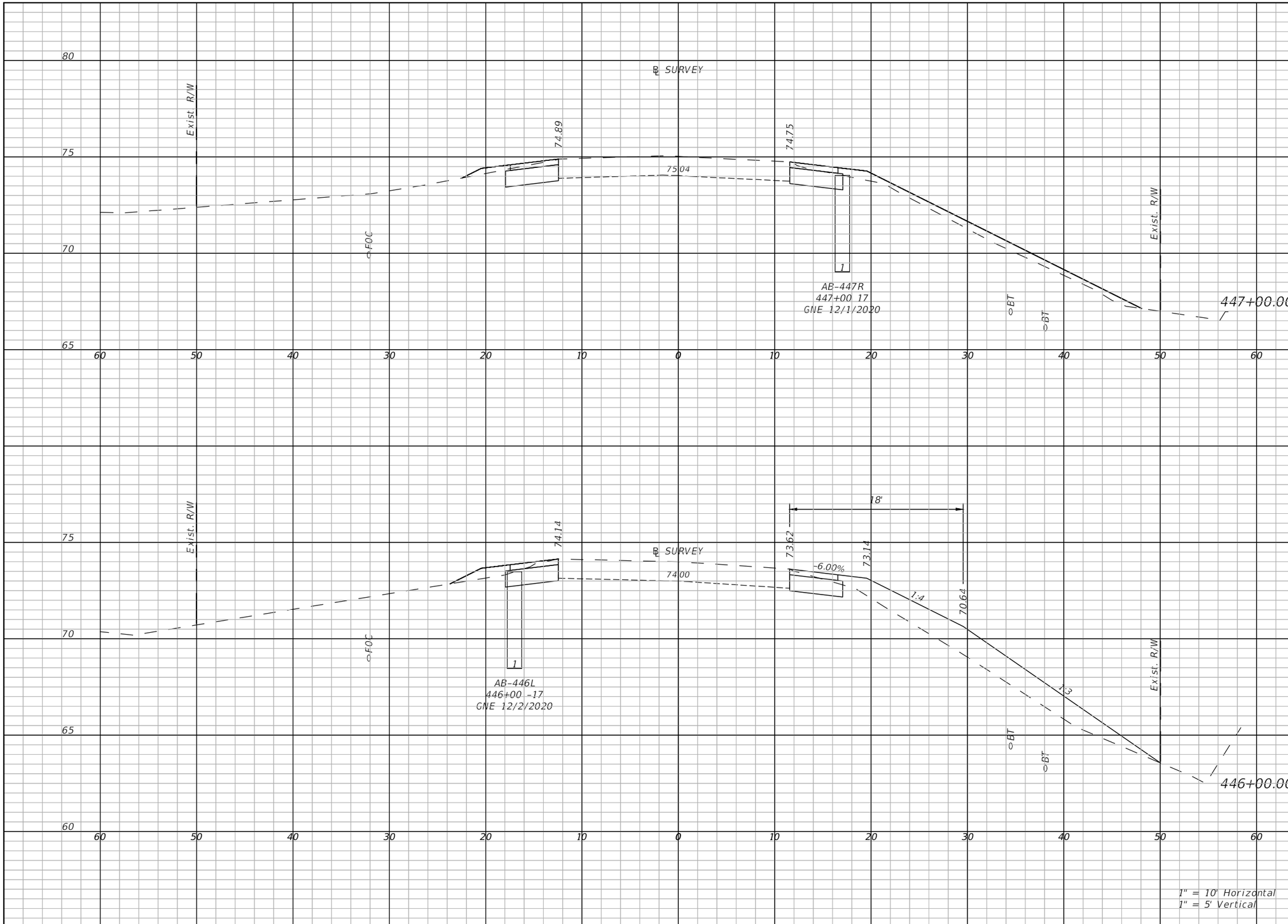

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.9	58.5	11.5	30.2
9.8	38.3	36.4	88.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (96)

SHEET NO.
143

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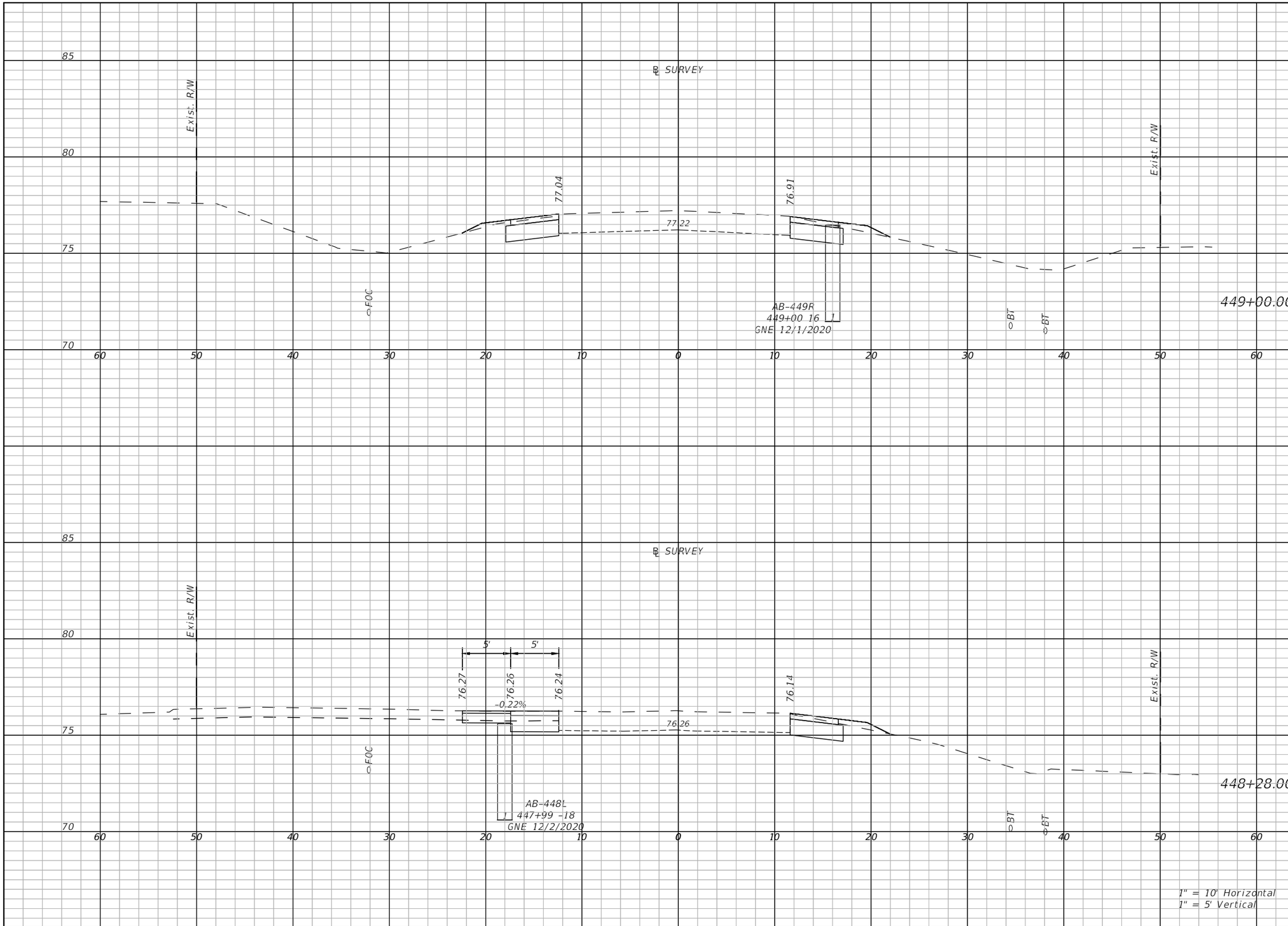

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.1	41.8	2	7.3
13.8	33.1	1.3	4.3

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (97)

SHEET NO.
144

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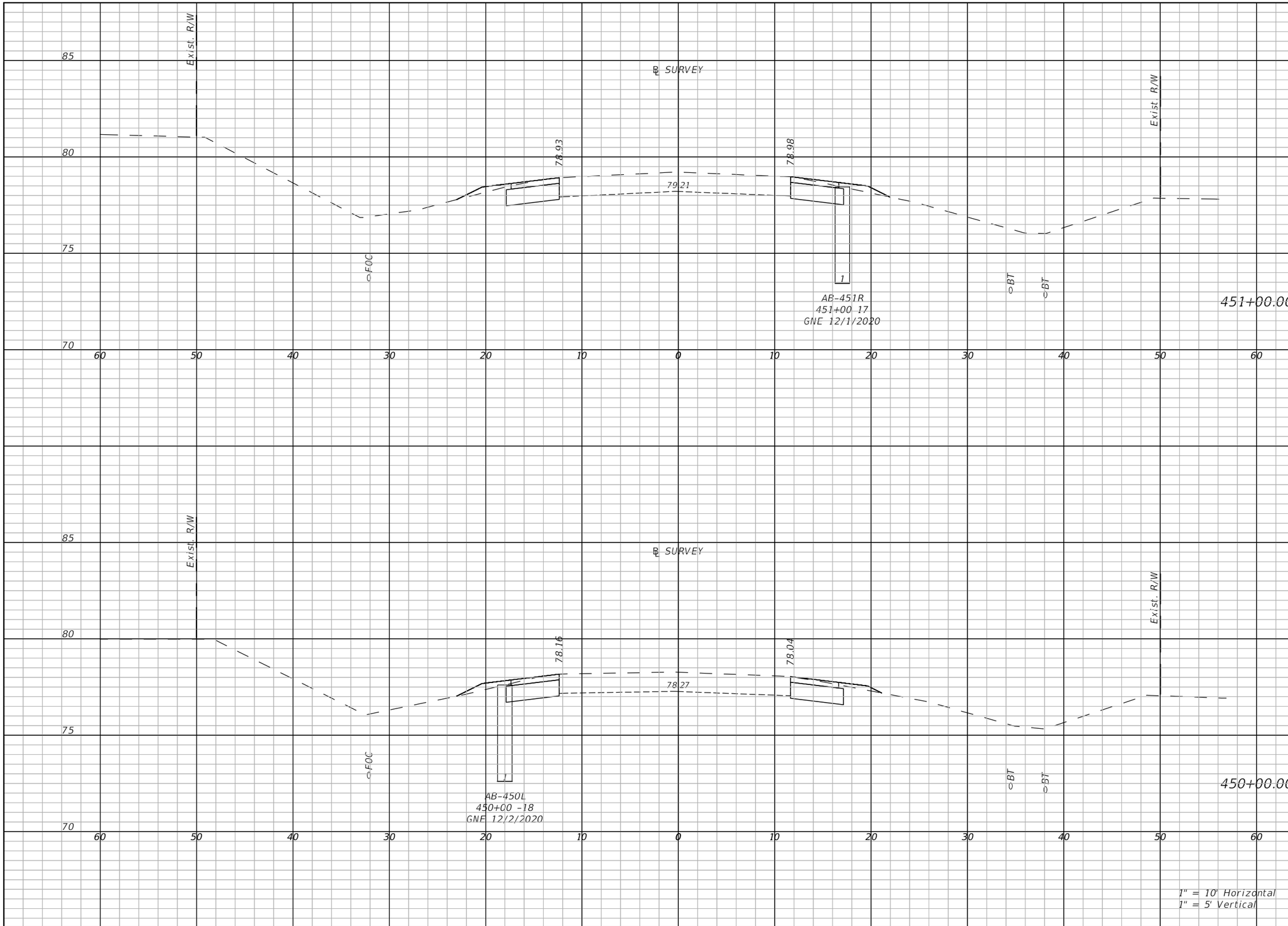

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.5	41.5	2.2	8.6
11.5	42.5	2	7.8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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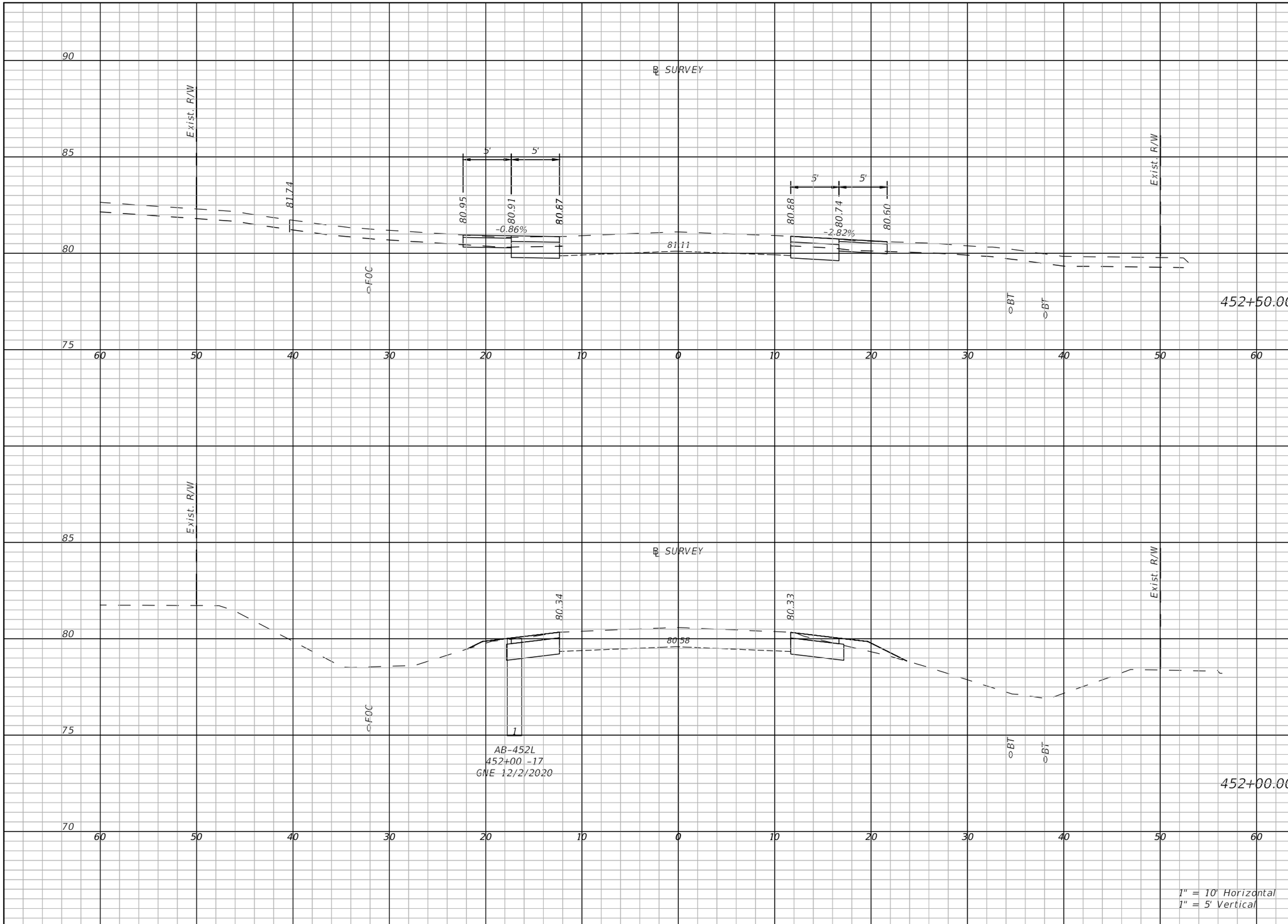
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (98)

SHEET NO.
145

John Hutchison 2/2/2021 9:15:01 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
17	25.6	0	3.5
11	25.8	2.5	2.3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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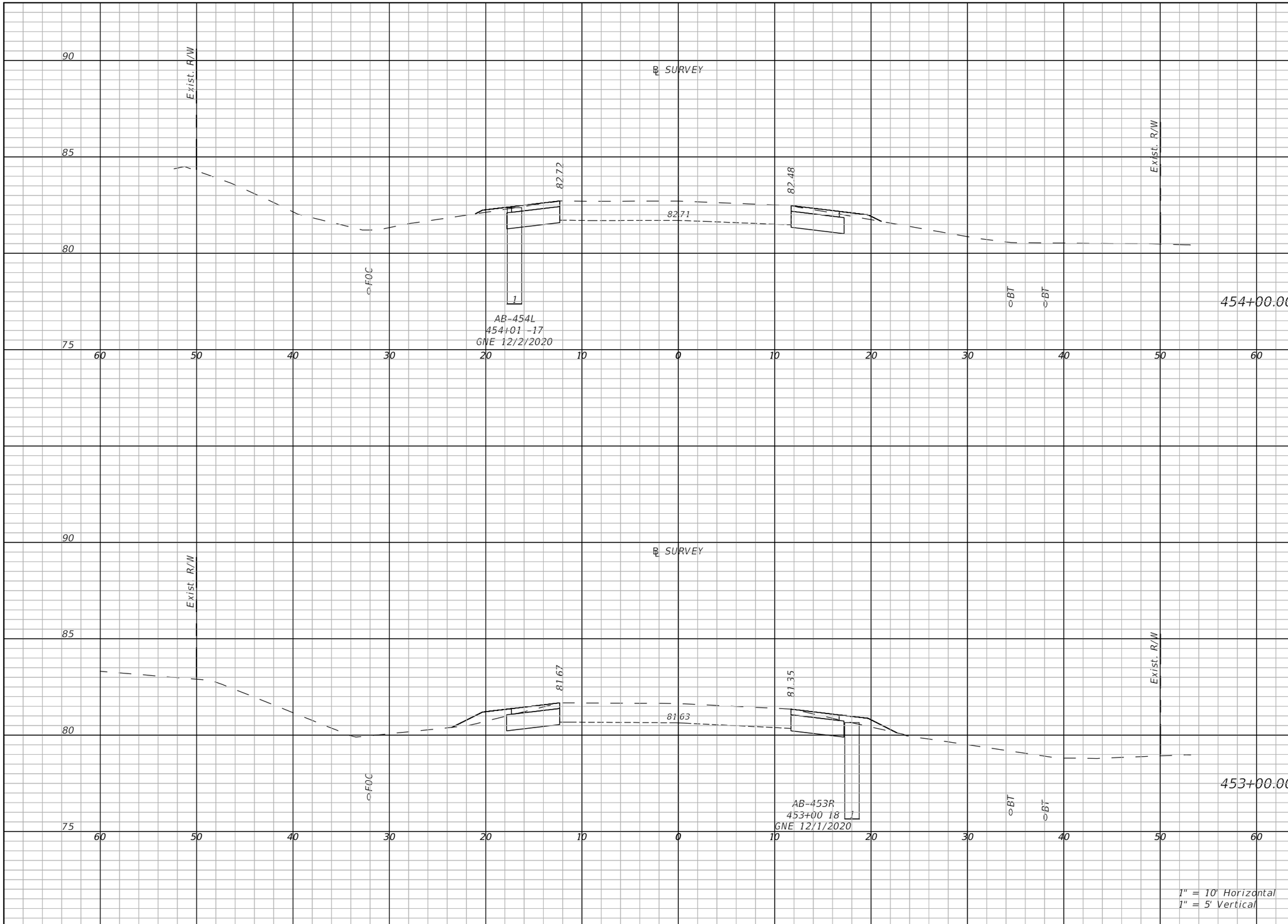
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (99)

SHEET NO.
146

John Hutchison 2/2/2021 9:15:07 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.5	62.2	1.1	4.9
10.7	40.9	3.8	9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

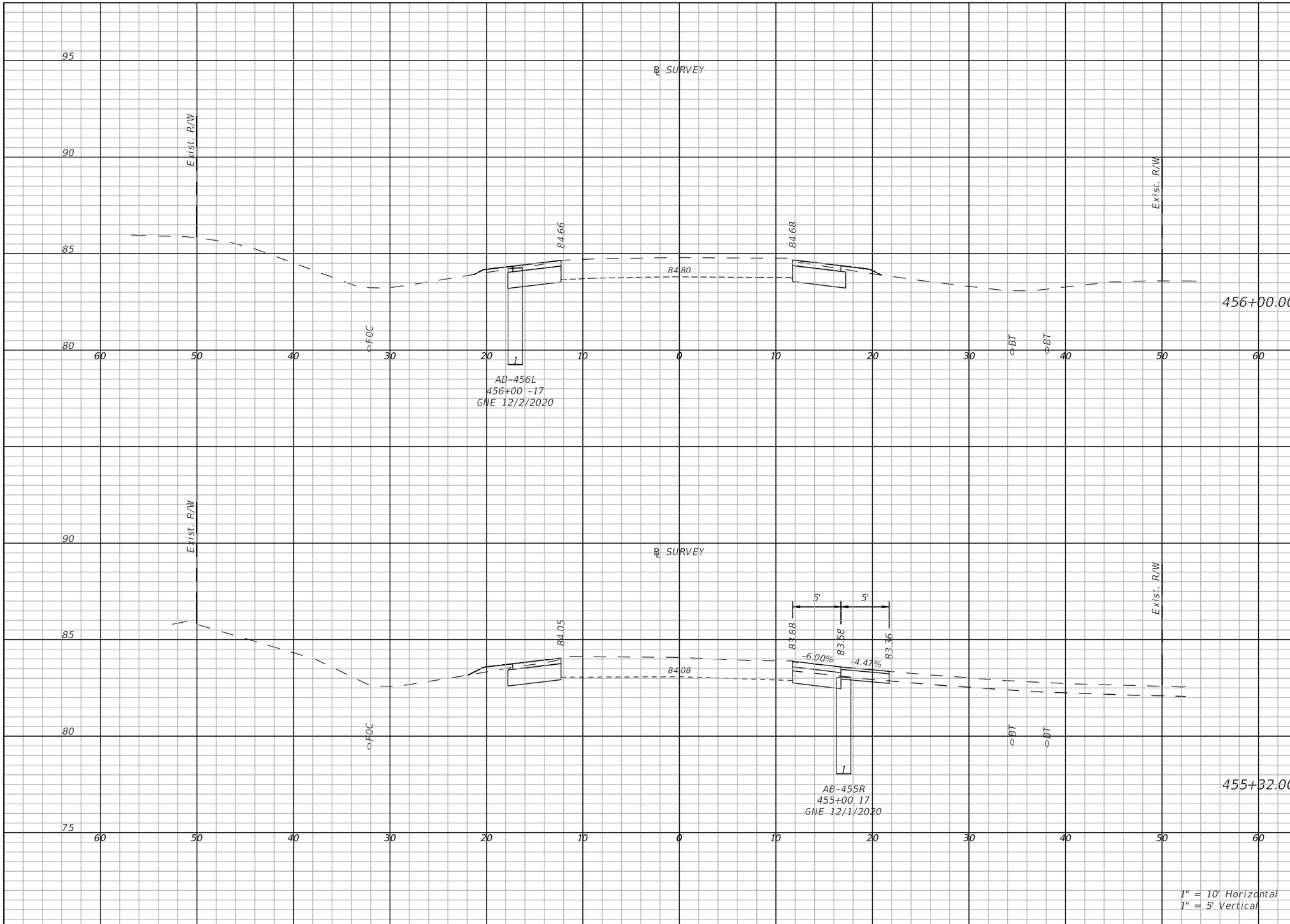
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (100)

SHEET NO.
147

John Hutchison 2/2/2021 9:15:14 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.1	40.9	1.3	2.5
14	31.6	0.9	2.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

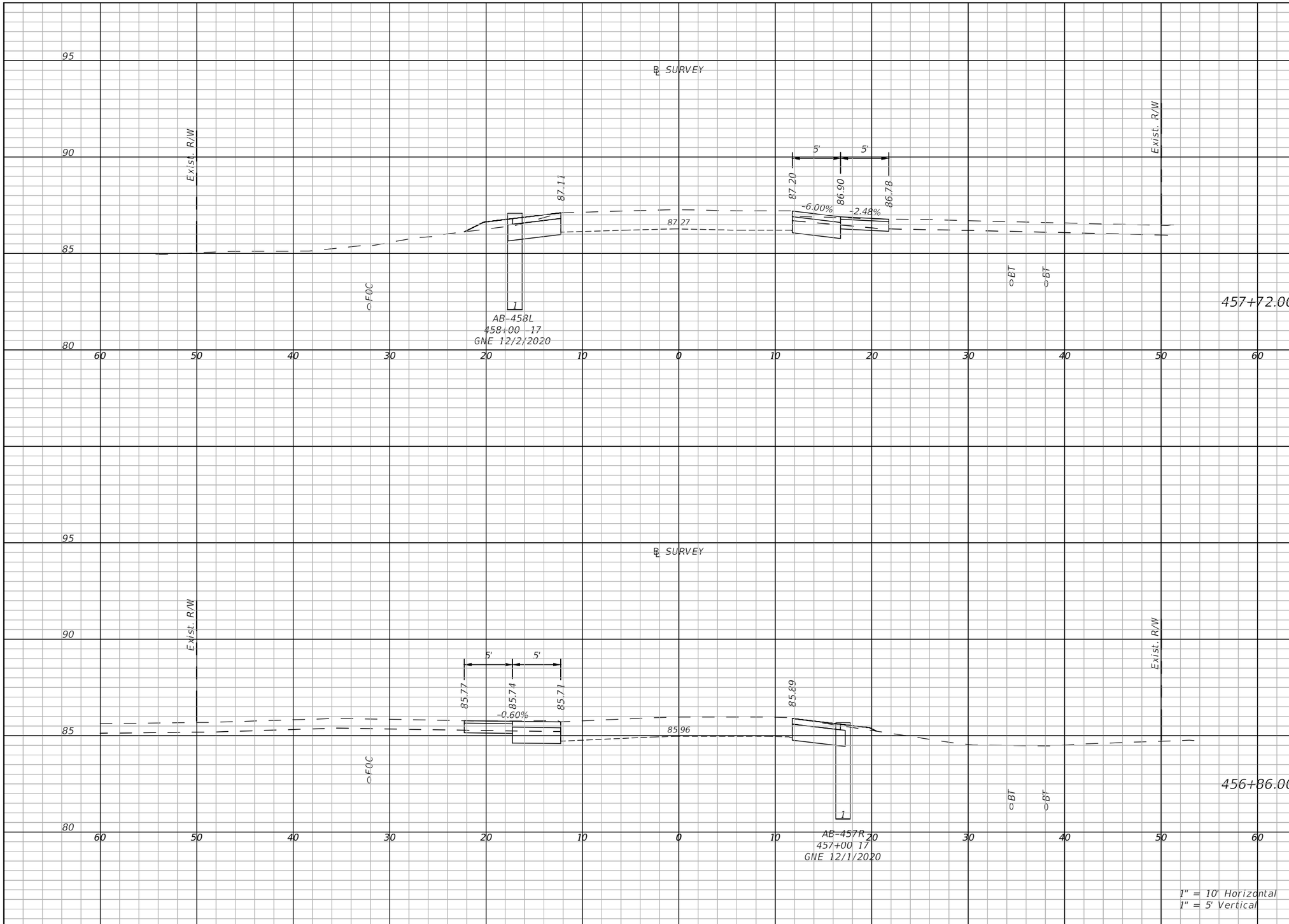
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (101)

SHEET NO.
148

John Hutchison 2/2/2021 9:15:21 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.9	55.5	1.5	11.4
14.6	43.8	0.4	2.9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

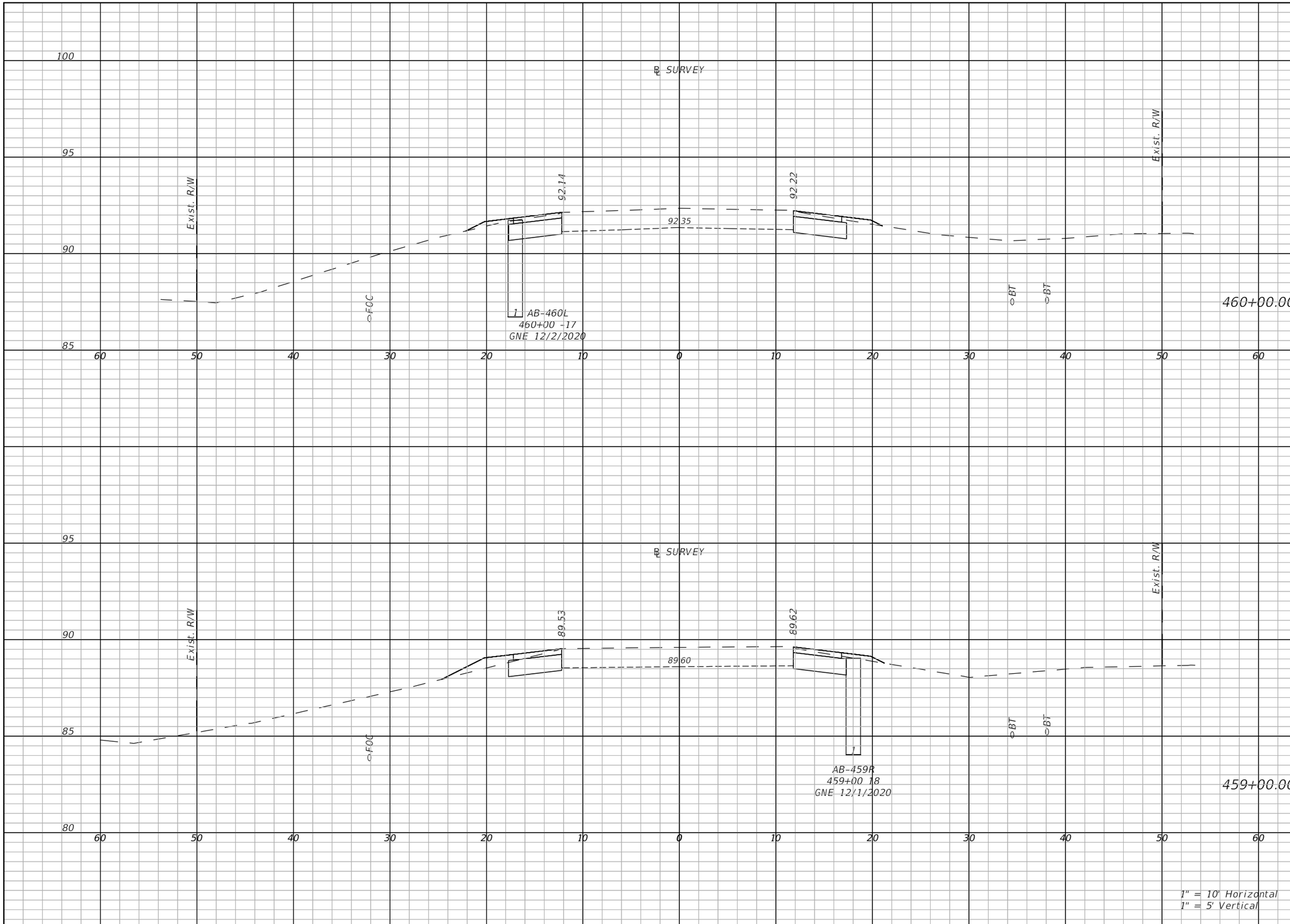
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (102)

SHEET NO.
149

John Hutchison 2/2/2021 9:15:28 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.2	42.1	1.5	3.2
10.5	40.2	3.4	8.9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

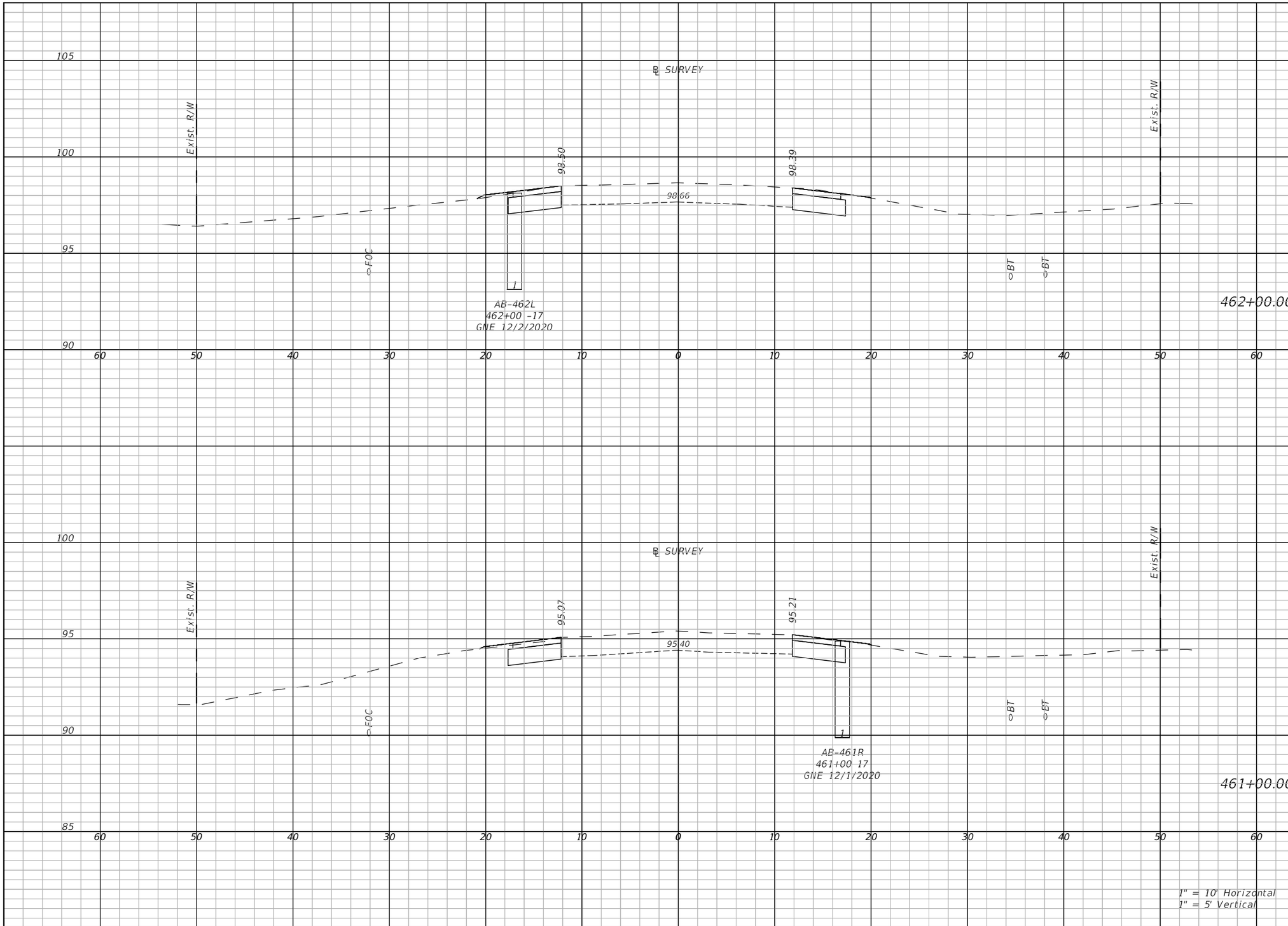
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (103)

SHEET NO.
150

John Hutchison 2/2/2021 9:15:35 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.2	47.5	0.4	2.1
11.6	43.9	0.3	1.3

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (104)

SHEET NO.
151

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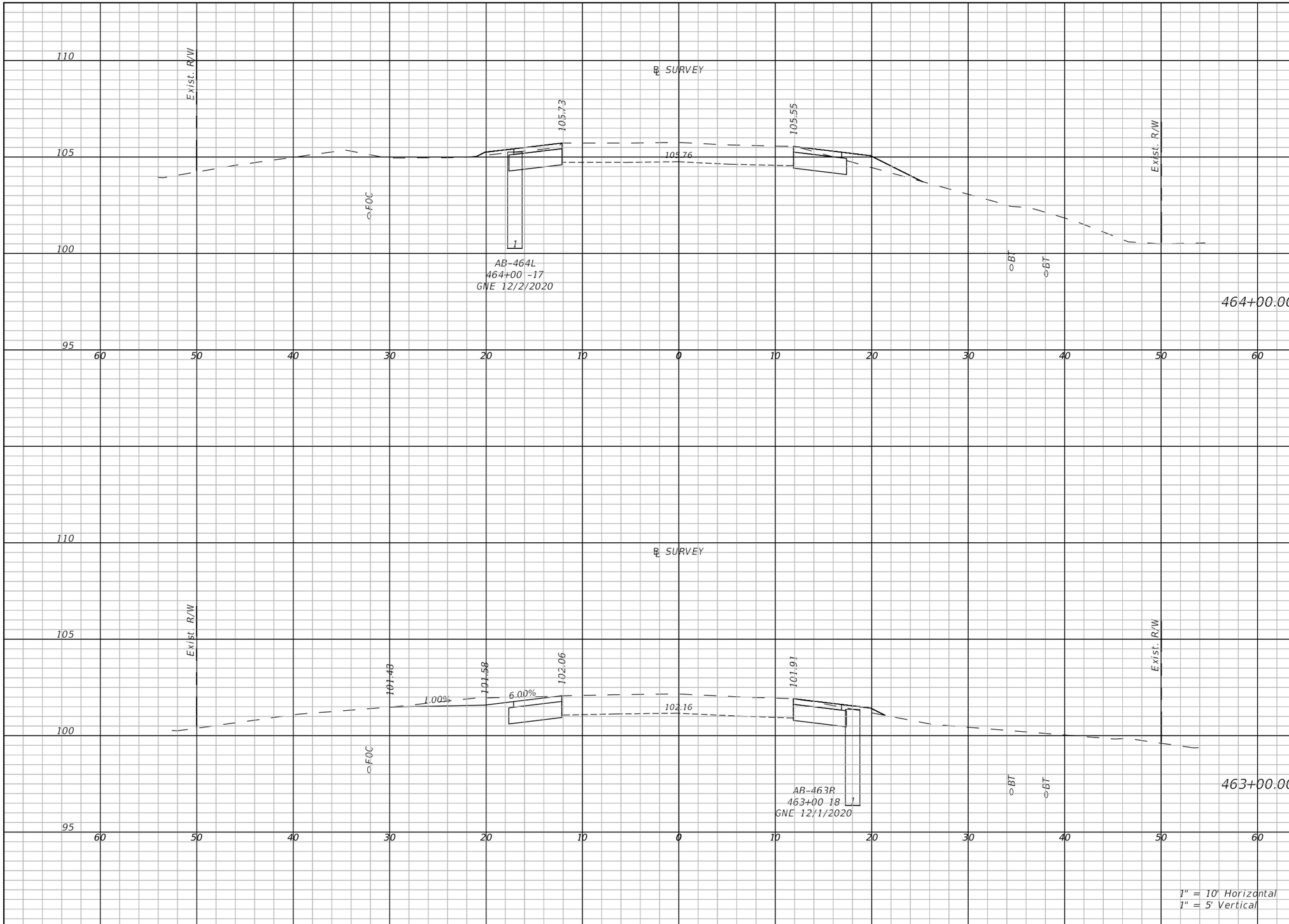

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.3	39.4	3.6	7.6
13.5	44	0.8	8.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (105)

SHEET NO.
152

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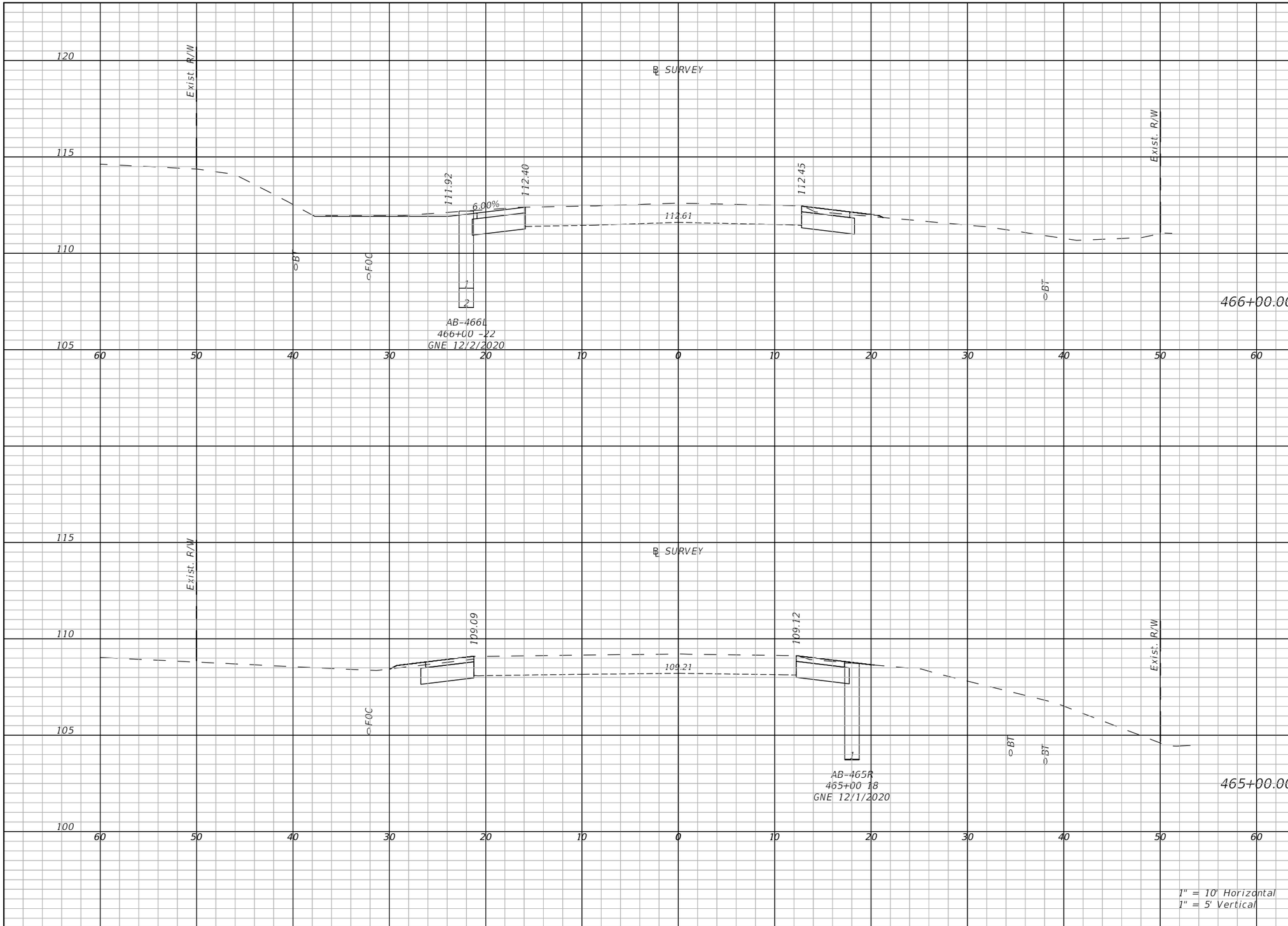

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.4	45.9	0.4	0.6
11	43.2	0.5	1.6

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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CERTIFICATE OF AUTHORIZATION 9853

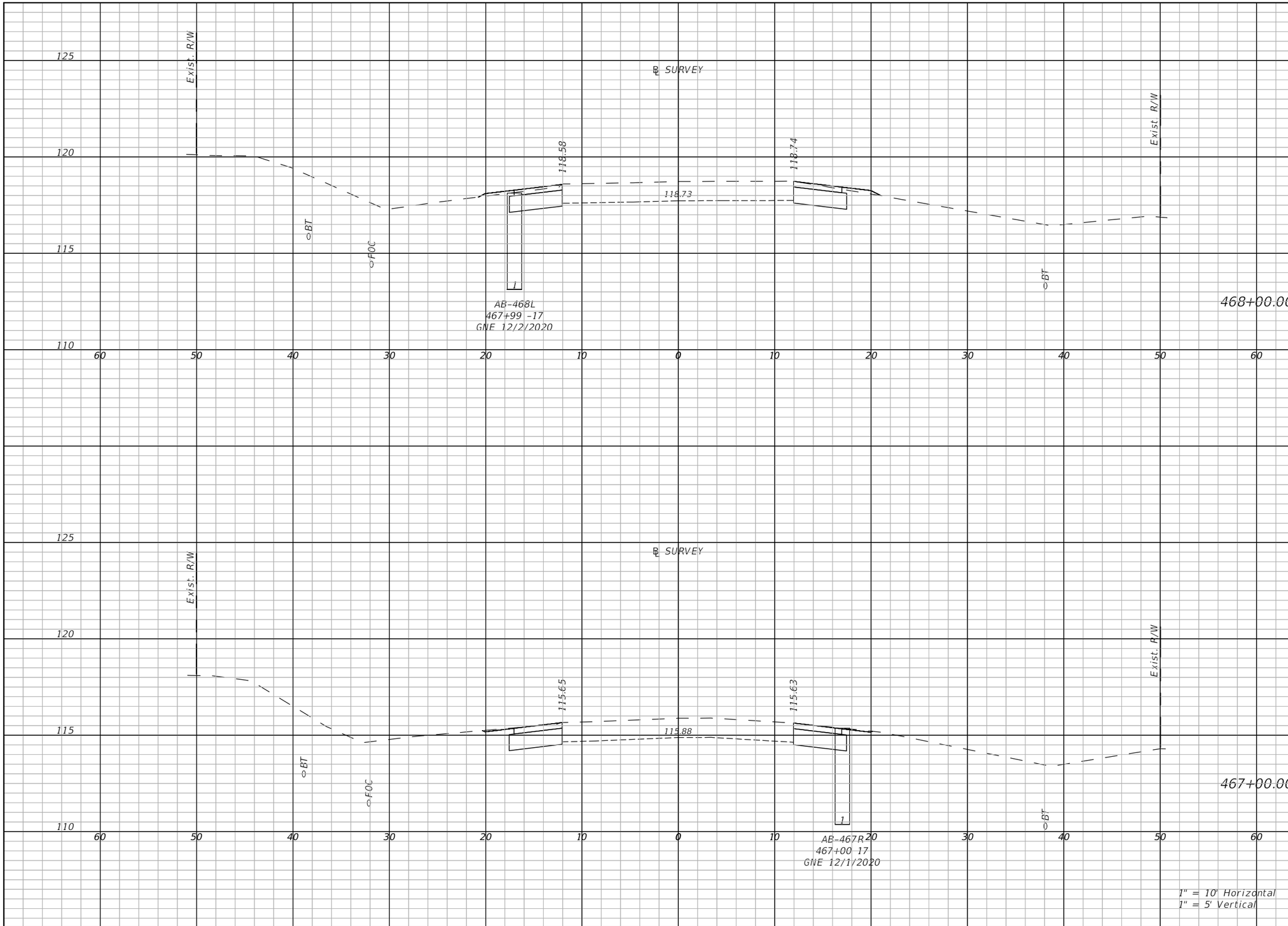
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (106)

SHEET NO.
153

John Hutchison 2/2/2021 9:15:56 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.3	40.3	1	2.8
12.5	43.9	0	1.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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CERTIFICATE OF AUTHORIZATION 9853

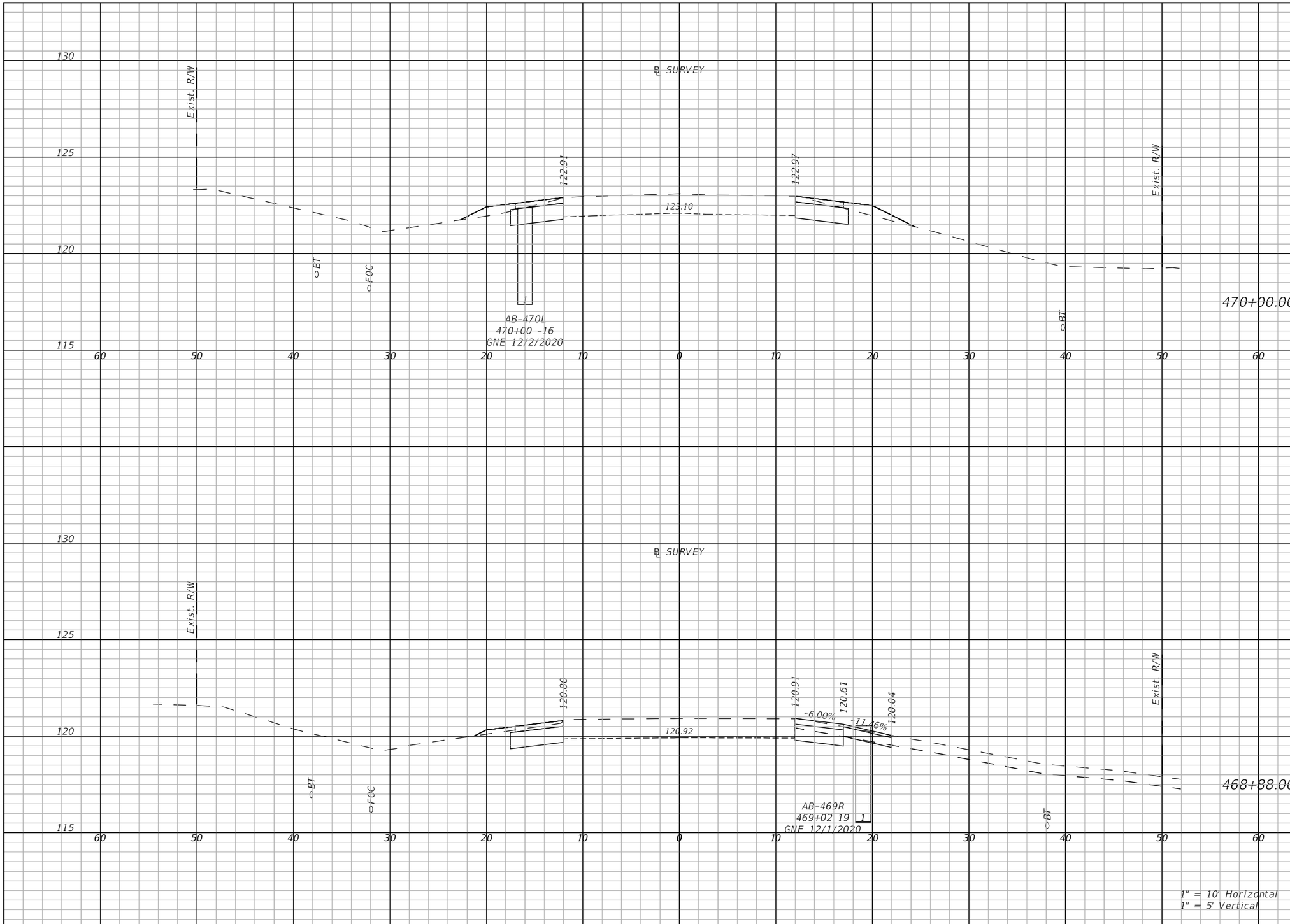
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (107)

SHEET NO.
154

John Hutchison 2/2/2021 9:16:03 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.4	39	4.4	14.6
13.5	49.5	0.8	2.4

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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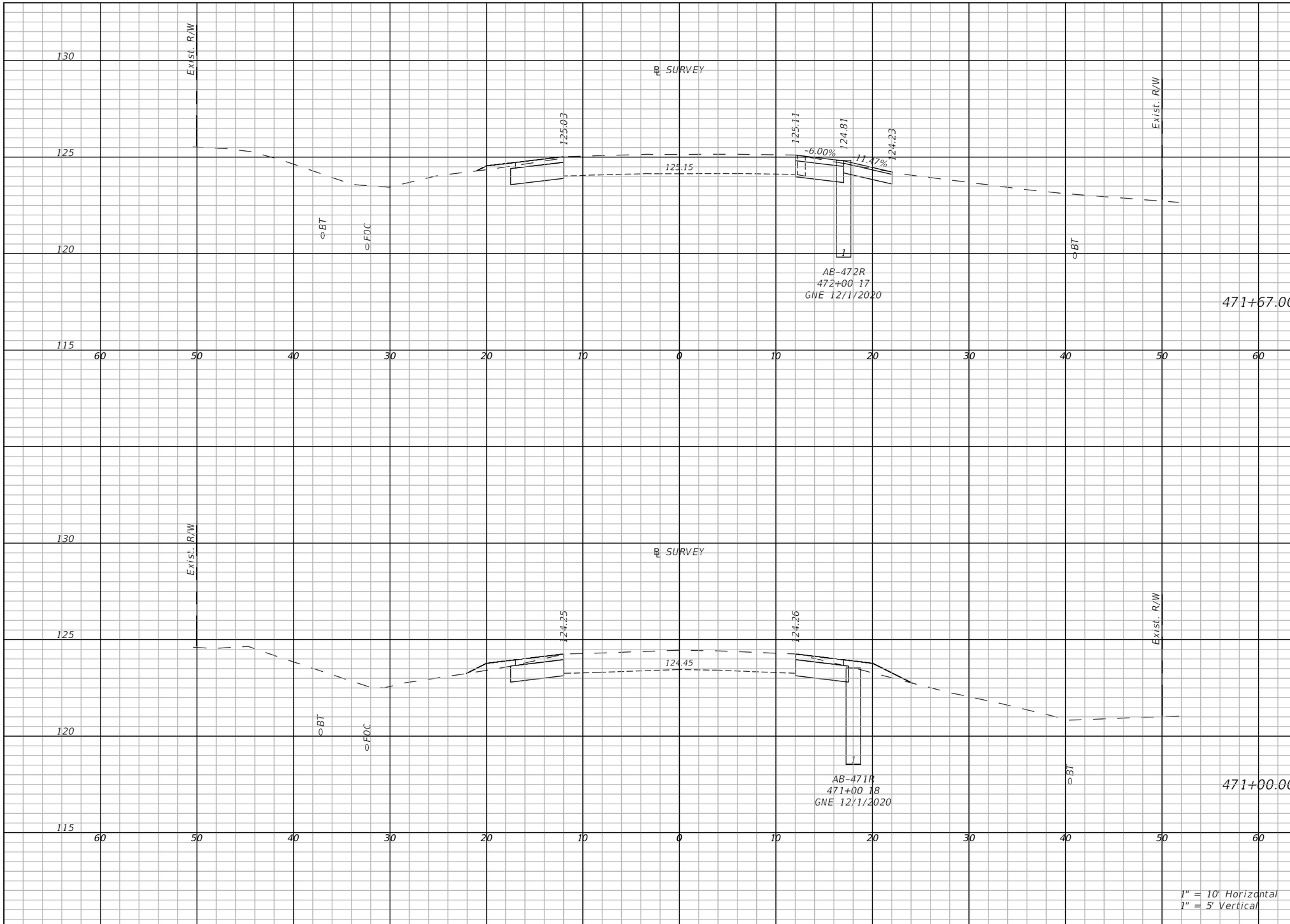
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (108)

SHEET NO.
155

John Hutchison 2/2/2021 9:16:09 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.6	23.5	0.7	1.4
10.7	30	3.6	5.2

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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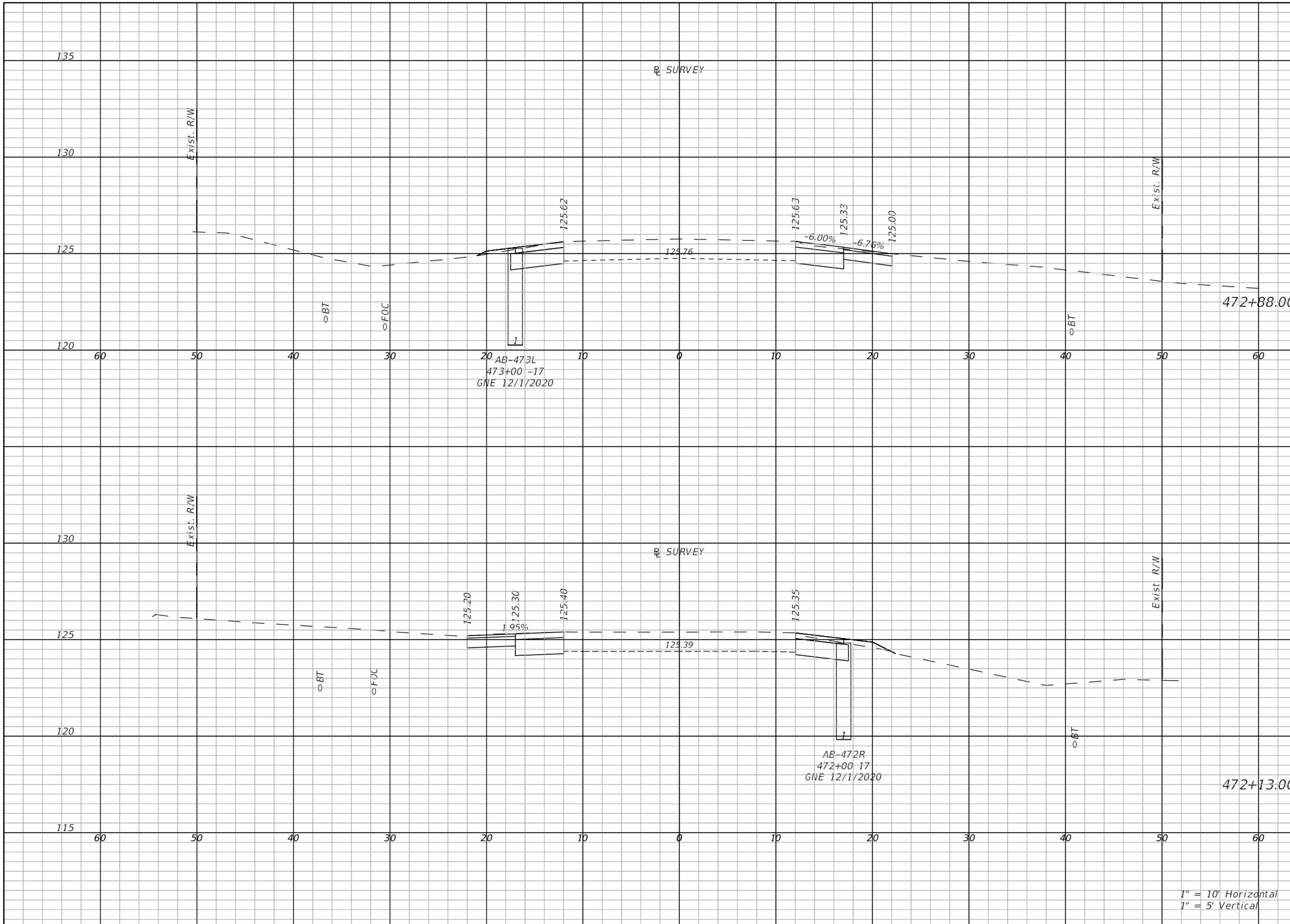
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (109)

SHEET NO.
156

John Hutchison 2/2/2021 9:16:20 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.9	58.8	0.5	2.4
14	38.8X	1.1	2.1

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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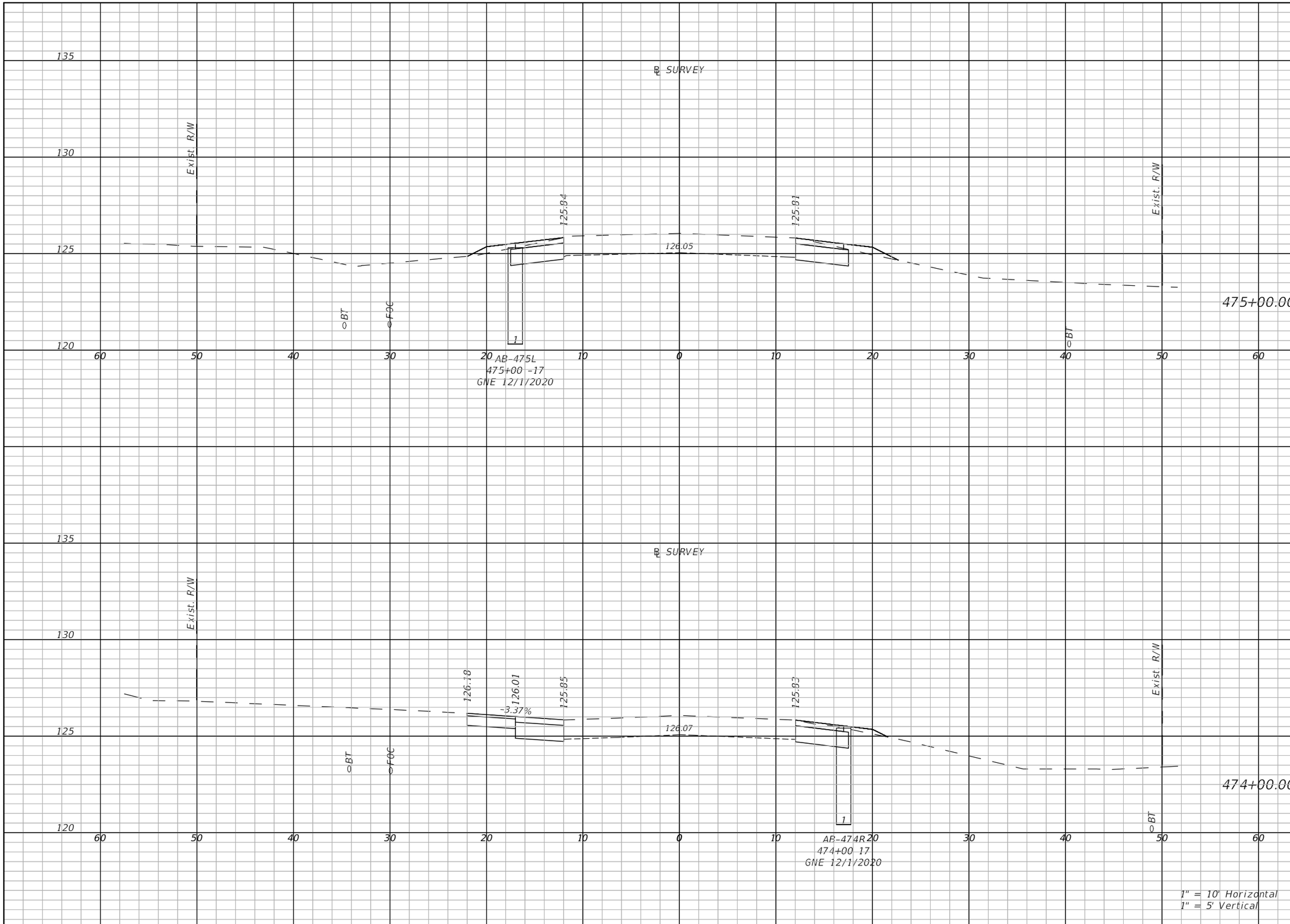
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (110)

SHEET NO.
157

John Hutchison 2/2/2021 9:16:32 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11	30.9	2.7	4.6
14.5	47	0.7	6.3

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

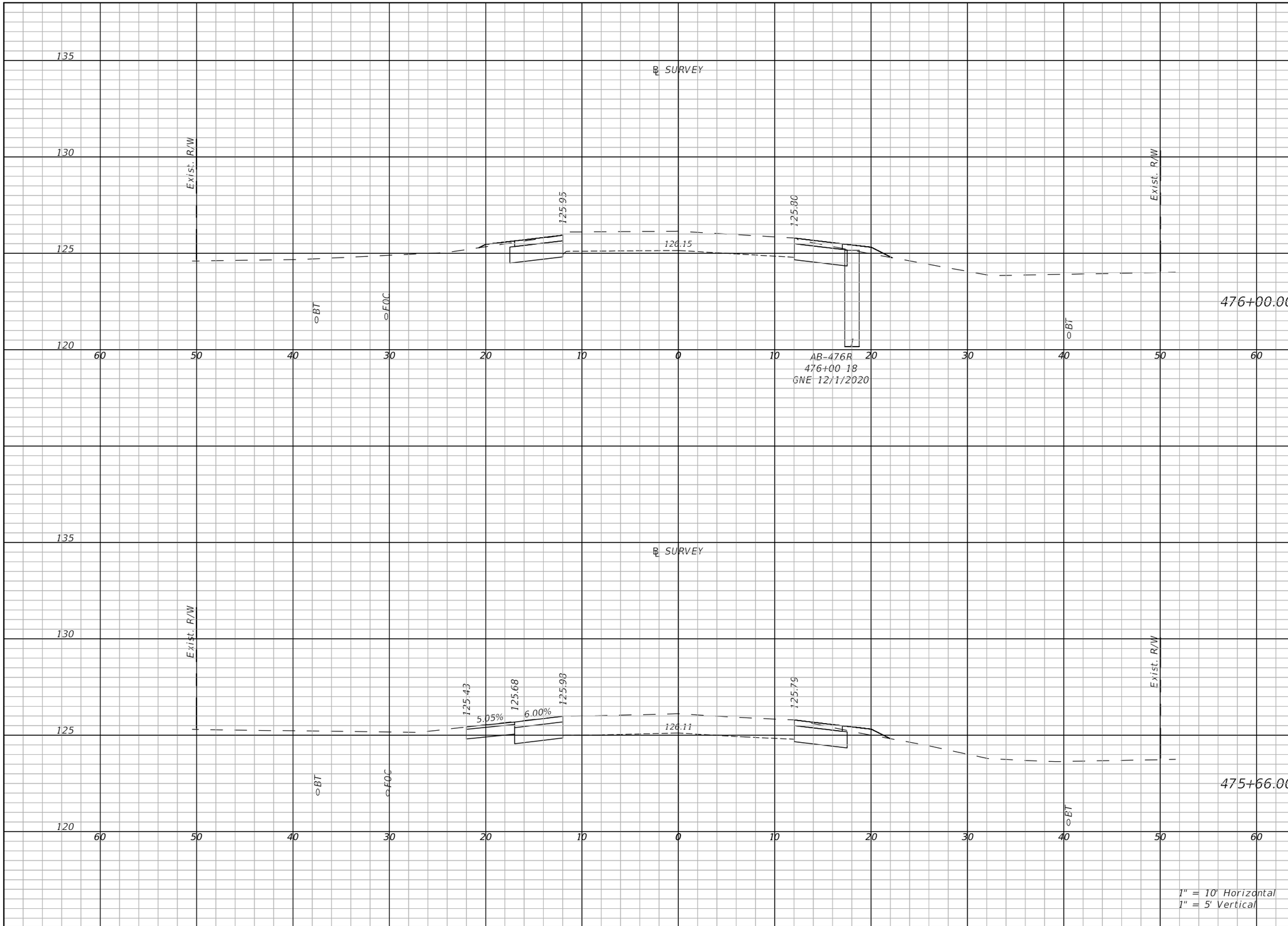
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (111)

SHEET NO.
158

John Hutchison 2/2/2021 9:16:43 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.2	40.9	1.6	6.8
14.4	16.1	1.1	1.7

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (112)

SHEET NO.
159

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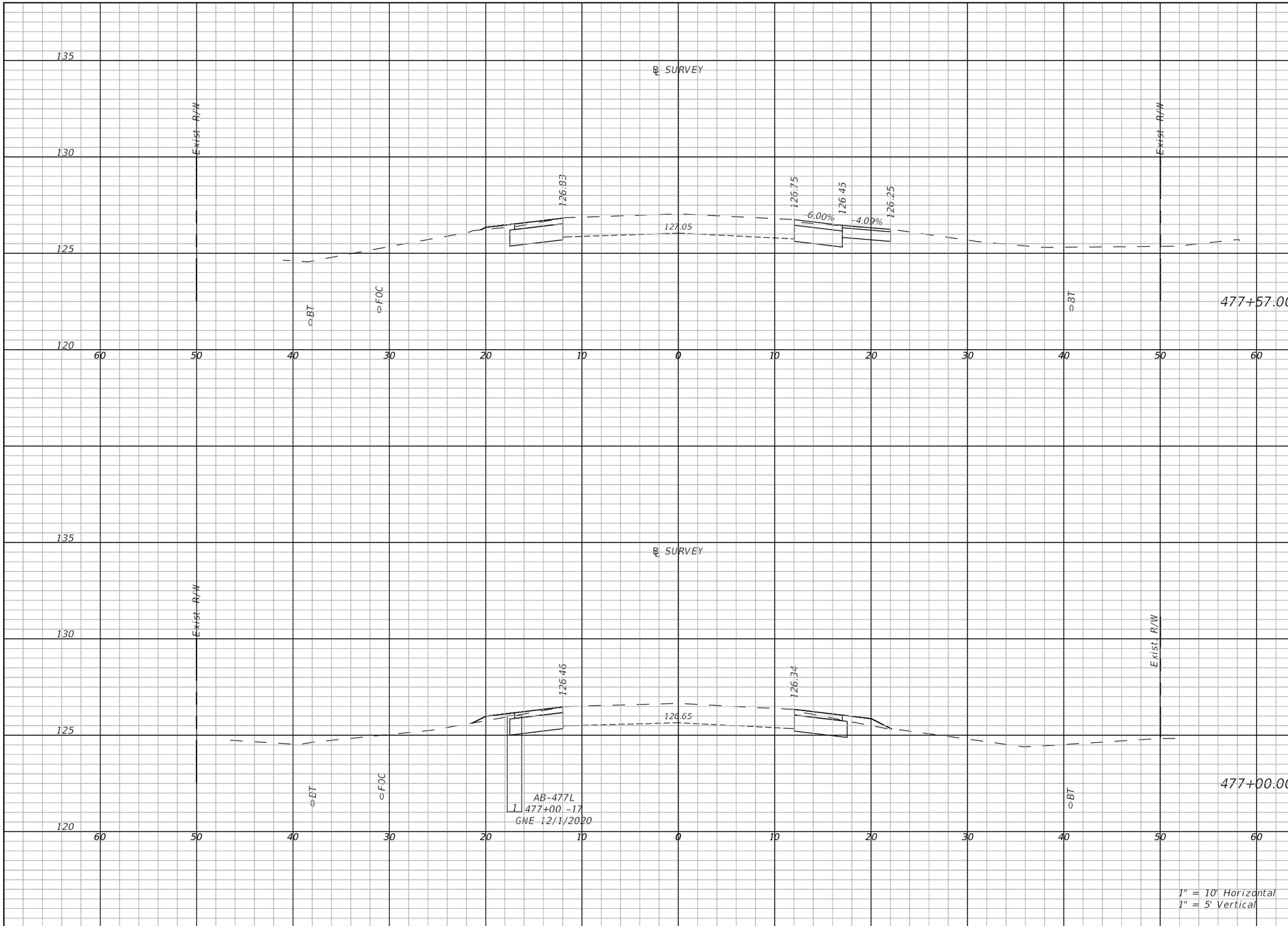

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
14.1	20.1	0.4	1.5
11	26.4	2.1	2.6

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (113)

SHEET NO.
160

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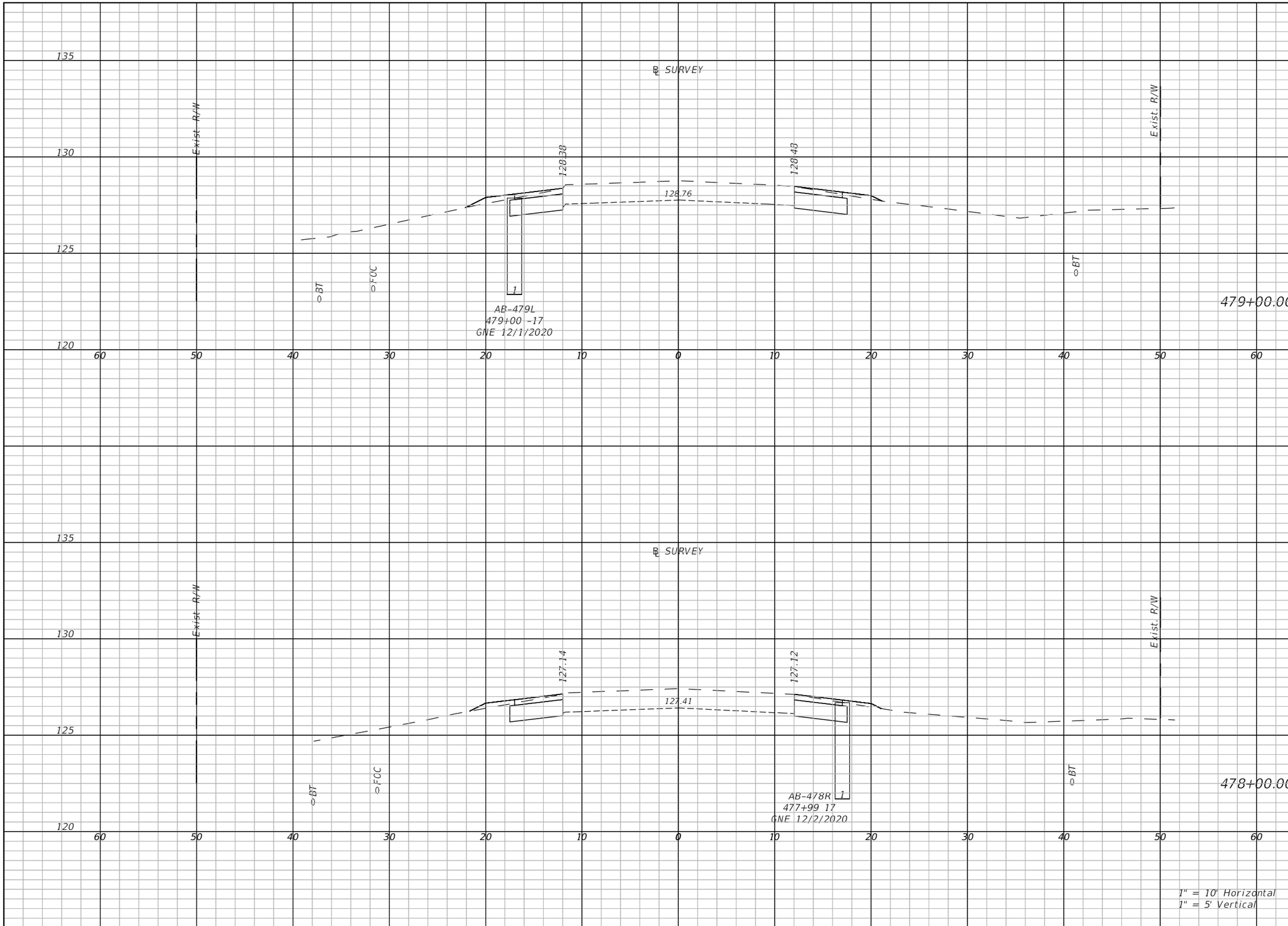

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.2	36.2	1.7	2.8
11.3	41.5	1.5	5.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
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ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

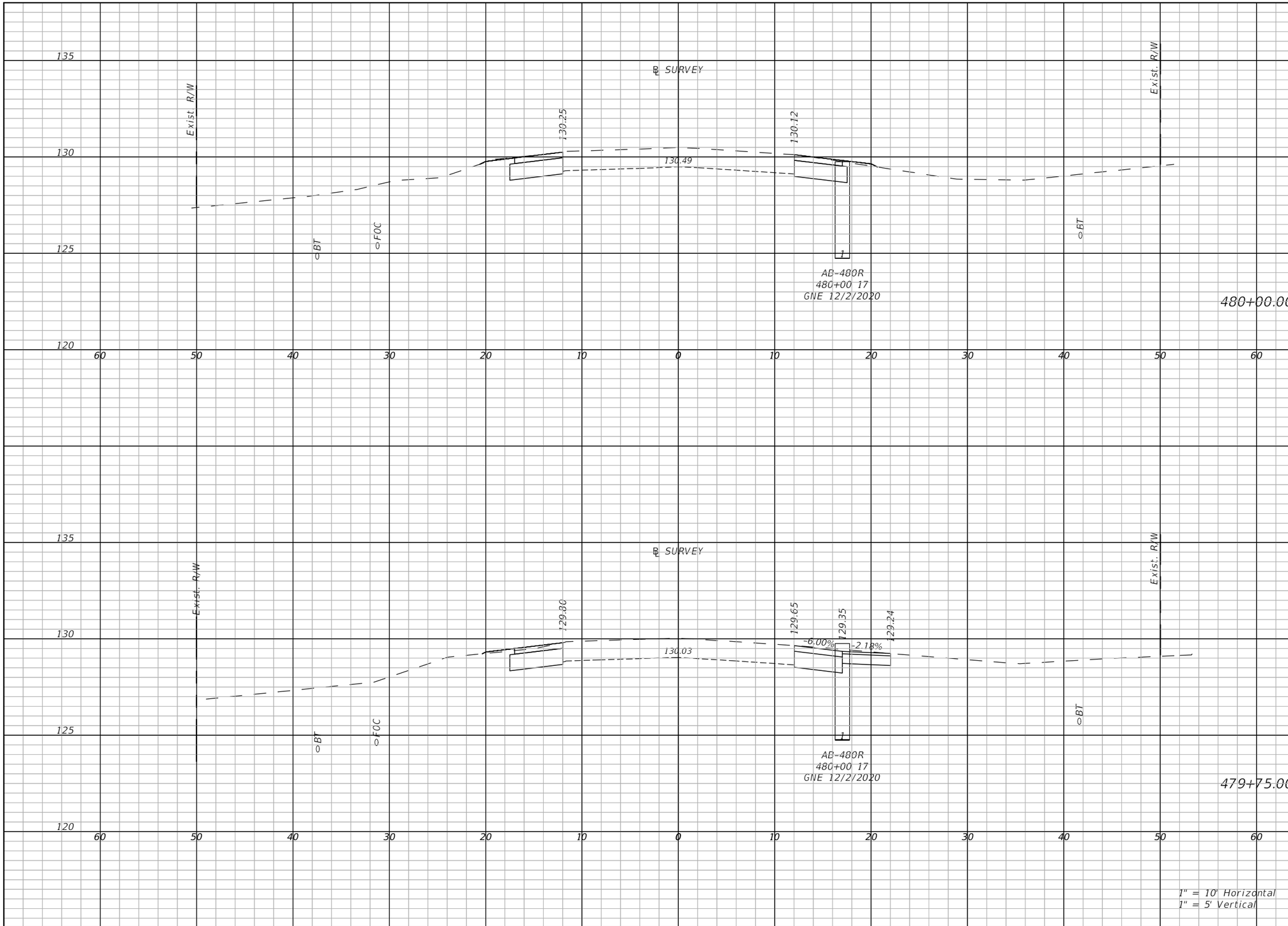
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (114)

SHEET NO.
161

John Hutchison 2/2/2021 9:17:09 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
12.1	22.5	0.3	0.5
14.9	12.5	0.3	0.3

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (115)

SHEET NO.
162

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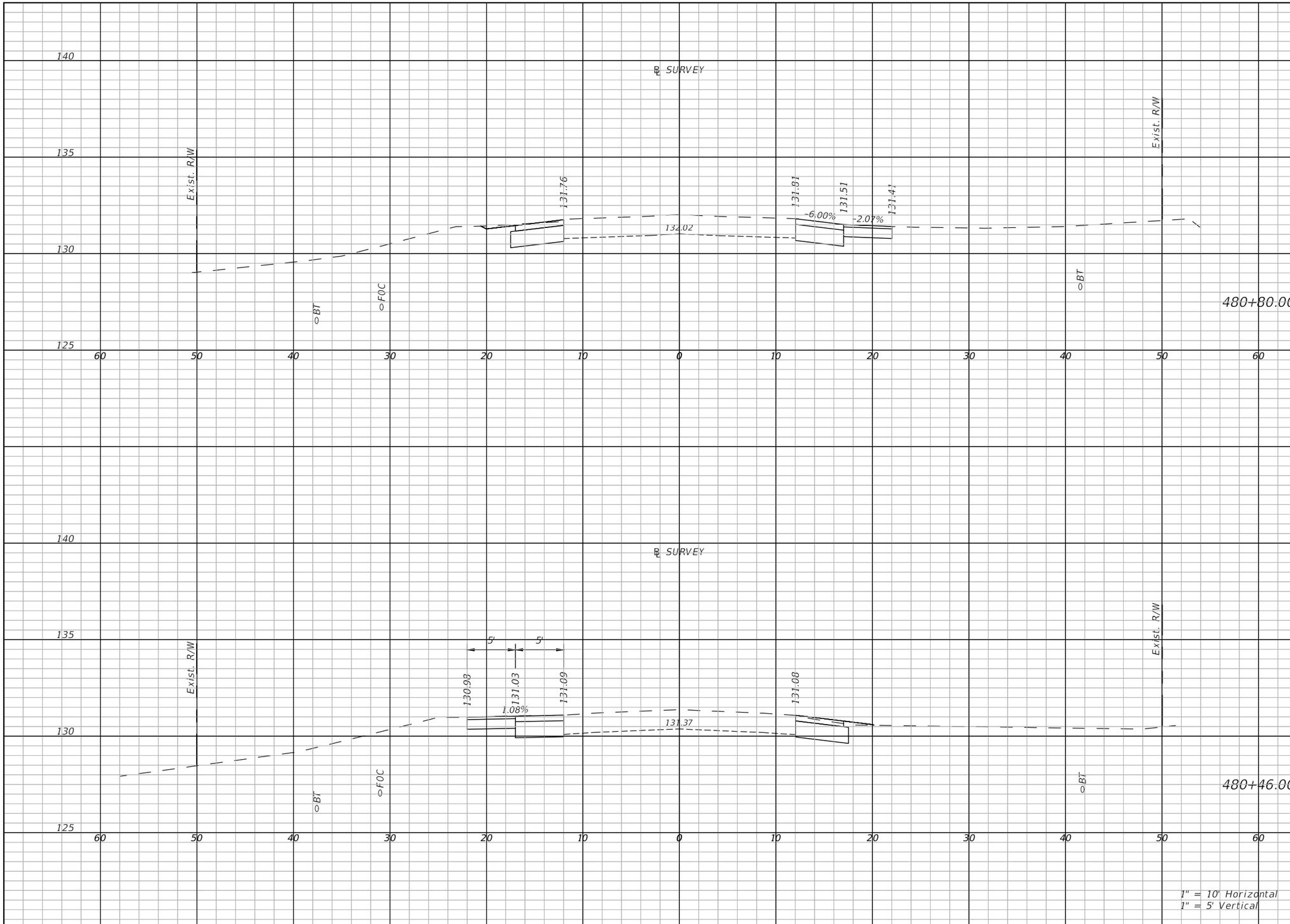

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
15	9.9	0	0.2
14.4	18.5	0.3	0.2

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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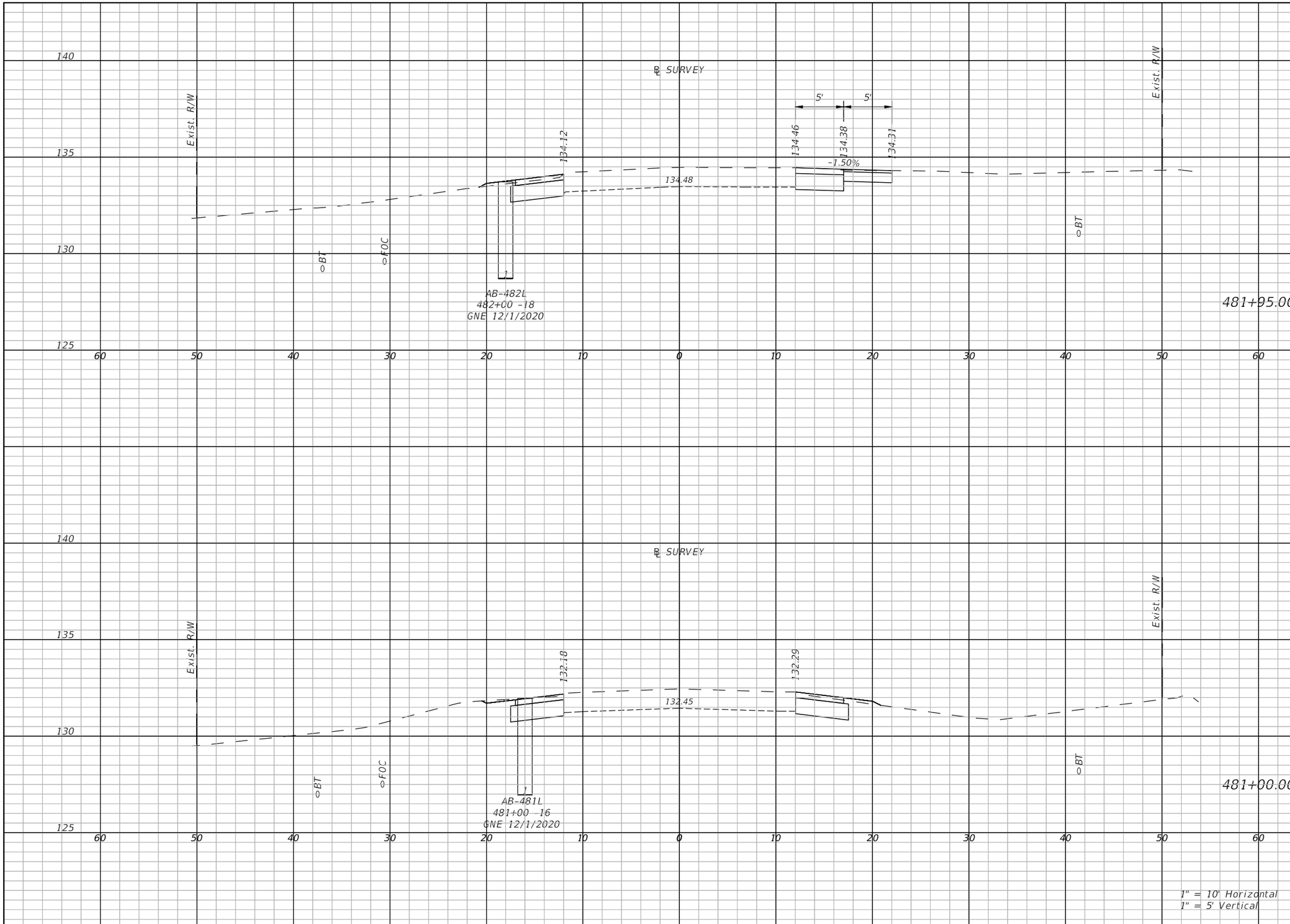
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (116)

SHEET NO.
163

John Hutchison 2/2/2021 9:17:23 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
13.9	43.6	0.5	1.8
11.8	45.1	0.5	1.8

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (117)

SHEET NO.
164

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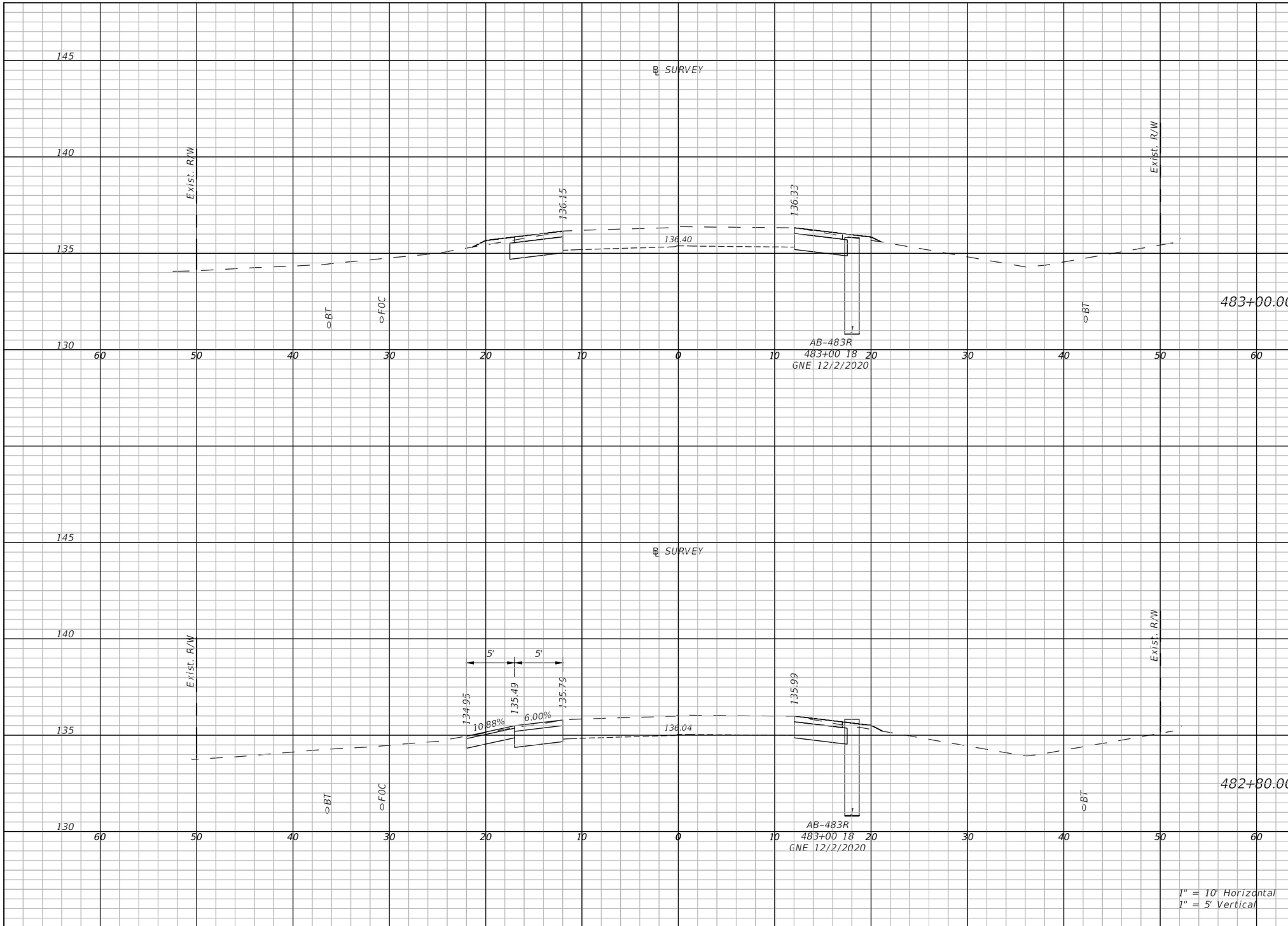

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11.4	44.6	1.3	4.0
13.8	9.3	0.7	0.7

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (118)

SHEET NO.
165

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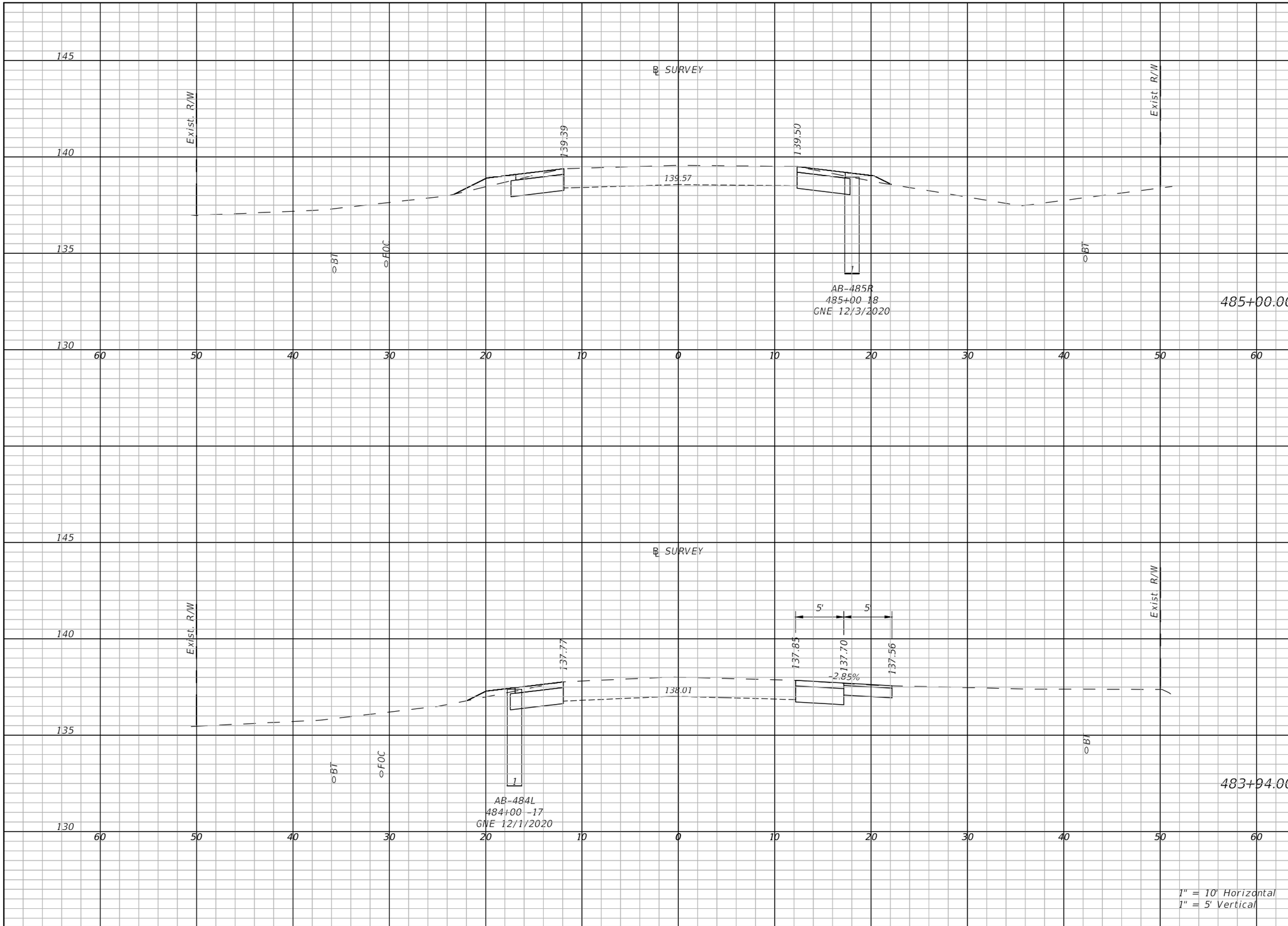

Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
11	13.8	2.8	2.8
14.3	49.6	1	7.5

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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

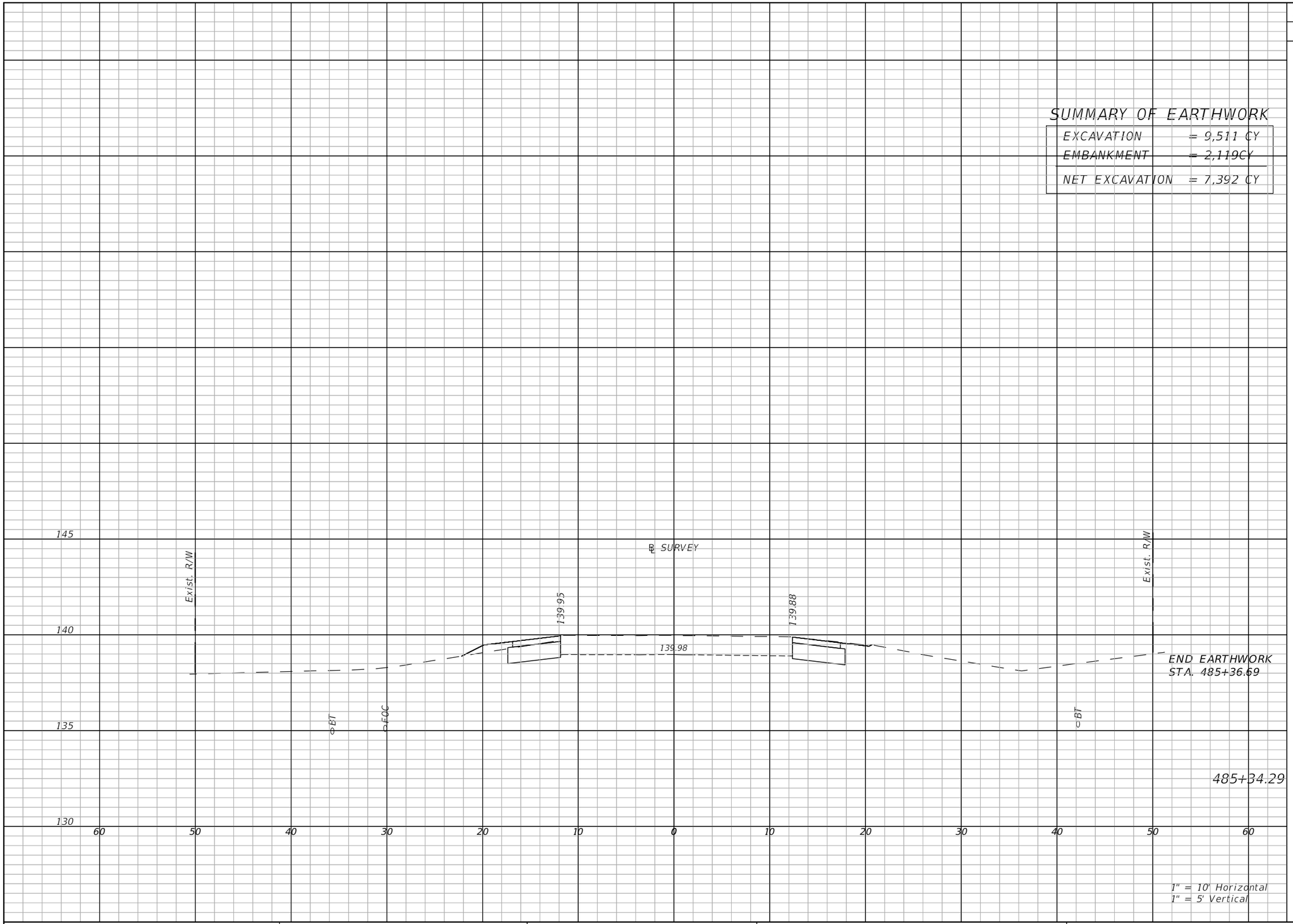
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (119)

SHEET NO.
166

John Hutchison 2/2/2021 9:17:44 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg



Regular Exc.		Embankment	
A(sf)	V(cy)	A(sf)	V(cy)
10.7		1.6	

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

CROSS SECTIONS (120)

SHEET NO.
167

John Hutchison 4/8/2021 1:44:45 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\RDXSRD09.dwg

SITE DESCRIPTION

PROJECT NAME AND LOCATION

CR452 FROM CR44 TO THE LAKE/MARION COUNTY LINE
FPID: 443511-1-58-01
LAKE COUNTY

*SEE COVER SHEET FOR LOCATION MAP

PROJECT OWNER AND ADDRESS

LAKE COUNTY PUBLIC WORKS ENGINEERING 350 N SINCLAIR
TAVARES, FL 32778

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF CONSTRUCTING SHOULDER, MILLING & RESURFACING AND WIDENING FOR LEFT TURN LANE WITH LIMITED DISTURBANCE OF SURROUNDING AREA. REQUIRED DRAINAGE DESIGN IS LIMITED TO GRADING DITCHES TO MAINTAIN THE EXISTING CONDITIONS.

PROJECT AREA: 54.102 ACRES (RIGHT OF WAY)
TOTAL DISTURBED AREA: 15.758 ACRES ULTIMATE

RECEIVING WATERS: ST. JOHNS RIVER

ACTIVITIES THAT REQUIRE EROSION CONTROL

CLEARING AND GRUBBING; GRADING

SOIL PARAMETERS

MYAKKA-MYAKKA 28 OCOEE MUCKY PEAT
31 PLACID SAND 38
PLACID MYAKKA 40
POMELLO SAND 41
TAVARES SAND 45

CERTIFICATION OF LOCAL, STATE AND FEDERAL LAWS

THE FOLLOWING REQUIRED PERMITS ARE BEING OBTAINED:

EXEMPTION FROM SJRWMD ENVIRONMENTAL RESOURCE PERMIT

NOTICE OF INTENT
CONTRACTOR SHALL SUBMIT A NOTICE OF INTENT (NOI) TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERIC PERMIT 48 HOURS PRIOR TO START OF ANY WORK.

SEQUENCE OF MAJOR ACTIVITIES

THE ORDER OF CONSTRUCTION IS AS FOLLOWS:

1. INSTALL SILT FENCES AND OTHER EROSION CONTROL METHODS
2. FINISH CLEARING AND GRUBBING
3. REMOVE AND STORE TOPSOIL
4. PROVIDE INITIAL GRADING AS REQUIRED
5. STABILIZE ALL DISTURBED AREAS AS SOON AS POSSIBLE
6. FINISH GRADING ENTIRE PROJECT
7. REMOVE ACCUMULATED SEDIMENT
8. REMOVE ANY ITEMS THAT ARE NOT REQUIRED

TIMING OF CONTROL MEASURES

THE INSTALLATION OF SILT FENCE (AND OTHER EROSION CONTROL MEASURES) AND TEMPORARY CONSTRUCTION ENTRANCE(S) SHALL OCCUR PRIOR TO CLEARING AND GRUBBING ACTIVITY. AFTER CONSTRUCTION IS COMPLETE, THE ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE AREAS SHALL BE REGRADED AND PERMANENTLY STABILIZED AS SHOWN ON THE PLANS.

EROSION AND SEDIMENT CONTROLS

BEST MANAGEMENT PRACTICES SHALL BE USED FOR THIS PROJECT TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN-OFF. THE CONTRACTOR IS RESPONSIBLE FOR PLACING AND MAINTAINING THESE CONTROL METHODS AS REQUIRED. HE/SHE SHALL ALSO PROVIDE THE REQUIRED EROSION PROTECTION AS REQUIRED BY LOCAL, STATE AND FEDERAL LAW.

STORM WATER MANAGEMENT

UNDER PRESENT CONDITIONS, STORM WATER RUNOFF WITHIN THE PROJECT CORRIDOR FLOWS OVERLAND WITH DIRECT DISCHARGE TO LAKE YALE AND LAKE GRIFFIN. EXISTING DRAINAGE PATTERNS ARE MAINTAINED.

STABILIZATION PRACTICES:

TEMPORARY STABILIZATION - NO TEMPORARY STABILIZATION IS ANTICIPATED TO BE REQUIRED.

PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED WITH PERMANENT SOD NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.

WASTE DISPOSAL

WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.

HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.

SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.

OFFSITE TRACKING

A TEMPORARY CONSTRUCTION ENTRANCE OR OTHER MEASURES SHALL BE INSTALLED TO REDUCE OFFSITE TRACKING FROM CONSTRUCTION VEHICLES ENTERING AND EXITING THE PROJECT SITE, WHICH SHALL BE MAINTAINED PROPERLY TO ENSURE THEIR CONTINUED EFFECTIVE OPERATION. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPAULIN.

ITEMS REQUIRING POLLUTION PREVENTION

THE FOLLOWING ITEMS ARE EXPECTED TO BE PRESENT WITHIN THE PROJECT AREA:

-CONCRETE
-FERTILIZERS
-METAL PIECES
-PETROLEUM BASED PRODUCTS
-CLEANING SUPPLIES
-DETERGENTS
-WOOD

THE FOLLOWING ARE NON-STORM WATER SOURCES THAT MAY BE ENCOUNTERED AT THE SITE AND SHOULD BE DIRECTED TO THE SEDIMENT BASIN, IF UTILIZED, PRIOR TO DISCHARGE:

-UNCONTAMINATED GROUNDWATER EXPOSED DURING EXCAVATION
-PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).

SPILL PREVENTION AND CONTROL

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

-SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

-STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

-ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

-ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

-PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

-ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

HAZARDOUS PRODUCTS

-MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

-PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

PRODUCT SPECIFIC PRACTICES

-PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

-CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER WITHIN THE PROJECT AREA.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

-SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.

-THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.

-ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.

-WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

-TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.

-AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.

-THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

MAINTENANCE AND INSPECTION PRACTICES

THE FOLLOWING ARE MAINTENANCE AND INSPECTION PRACTICES THAT SHALL BE COMPLETED BY THE CONTRACTOR:

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE CHECKED DAILY AND AFTER EACH SIGNIFICANT RAINFALL BY THE SUPERINTENDENT OR SOMEONE UNDER HIS/HER DIRECT SUPERVISION.

-ALL SEDIMENT AND EROSION CONTROL METHODS SHALL BE KEPT IN GOOD CONDITION. REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.

-THE SILT FENCE SHALL BE CLEARED OF SEDIMENT WHEN SEDIMENT MEASURES ONE-THIRD THE HEIGHT OF THE FENCE.

-THE SILT FENCE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF FENCE.

-IF UTILIZED, THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. THEY SHALL BE CLEANED WHEN SEDIMENT REACHES 10% OF TOTAL CAPACITY AND AFTER CONSTRUCTION IS COMPLETE.

-IF UTILIZED, THE DIVERSION DIKE SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.

-ALL SEEDING/SODDING SHALL BE CHECKED FOR PROPER GROWTH AND UNIFORMITY. UNSTABALIZED AREAS SHALL BE RE-SODDED.

-A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

-THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION. IT IS DESIGNED IN ACCORDANCE WITH AN EXISTING SYSTEM AND QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION OBTAINED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE.

SIGNED: _____ DATE: _____

JOHN DEE, PE
FLORIDA REGISTRATION NUMBER: 60053
PROFESSIONAL ENGINEER

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

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TEMPORARY TRAFFIC CONTROL PLAN (TTCP) GENERAL NOTES:

MAINTENANCE OF TRAFFIC SHALL FOLLOW FDOT STANDARD PLANS INDEX NO's IR102-600, 102-601, 102-602, 102-603, 102-604, AND 102-605, AS SPECIFIED IN THE CONSTRUCTION PHASING NOTES. REFER TO OTHER TRAFFIC CONTROL INDICES AS APPLICABLE.

EXISTING POSTED SPEED LIMITS ON CR 452 AND ALL SIDE STREETS WILL BE MAINTAINED FOR ALL PHASES OF WORK UNLESS OTHERWISE NOTED IN THE PLANS.

SEVEN (7) DAYS PRIOR TO INITIATING TTCP FOR A LANE CLOSURE, CONTACT THE COUNTY ENGINEER AT (352) 253-9024 TO PROVIDE INFORMATION ON THE ROADWAY, DIRECTION OF TRAVEL, AND WHICH LANE WILL BE CLOSED. THERE ARE NO SINGLE LANE CLOSURE RESTRICTIONS DURING ACTIVE WORK PERIODS.

PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED TO PROVIDE INFORMATION TO THE MOTORIST DURING THE TTCP PHASES AND SHALL RELATE INFORMATION CONCERNING CONSTRUCTION SCHEDULES, LENGTH OF DELAYS, ETC.; CONTENT AND LENGTH OF MESSAGE SHALL BE APPROVED BY THE ENGINEER. INFORMATIONAL SIGNS SHALL BE PLACED TWO WEEKS PRIOR TO MAJOR WORK ACTIVITIES, WHICH WILL BE DEFINED BY THE ENGINEER.

PHASING NOTES:

PHASE I

1. INSTALL ADVANCE WARNING SIGNS, TEMPORARY CHANNELIZING DEVICES, AND TEMPORARY PAVEMENT MARKINGS UTILIZING THE ADVANCE WARNING SIGNING DETAIL AND STANDARD PLANS INDEXES 102-600, 102-601, 102-602, 102-604, AND 102-605.

2. CONSTRUCT THE ROADWAY, SIGNALIZATION, SIGNING, AND PAVEMENT MARKING IMPROVEMENTS THAT FALL OUTSIDE OF THE TRAVELED WAY ALONG THE NORTHBOUND ROADWAY OF CR 452.

PHASE II

1. INSTALL ADVANCE WARNING SIGNS, TEMPORARY CHANNELIZING DEVICES, AND TEMPORARY PAVEMENT MARKINGS UTILIZING THE ADVANCE WARNING SIGNING DETAIL AND STANDARD PLANS INDEXES 102-600, 102-601, 102-602, 102-604, AND 102-605.

2. CONSTRUCT THE ROADWAY, SIGNALIZATION, SIGNING, AND PAVEMENT MARKING IMPROVEMENTS THAT FALL OUTSIDE OF THE TRAVELED WAY ALONG THE SOUTHBOUND ROADWAY OF CR 452.

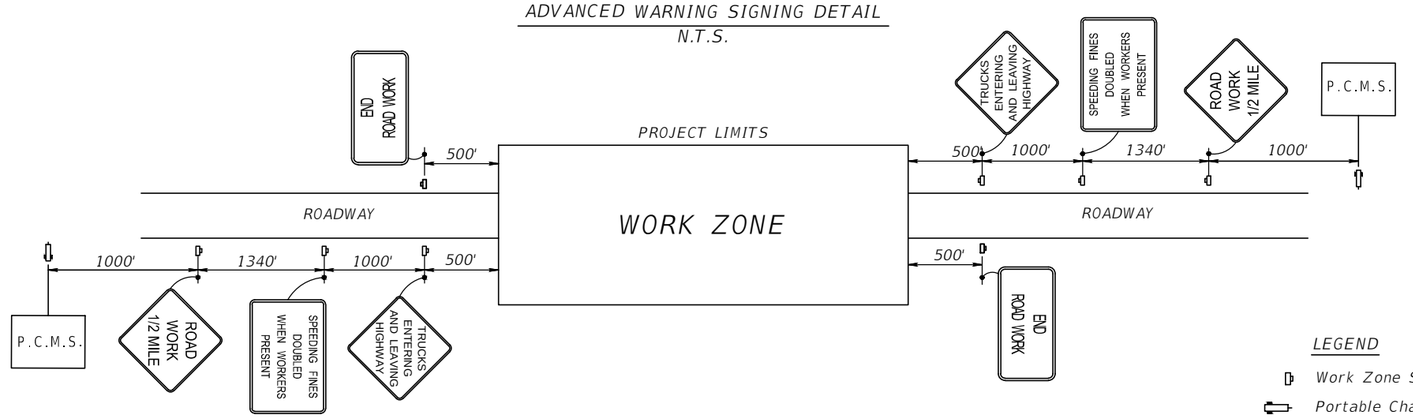
PHASE III

1. INSTALL ADVANCE WARNING SIGNS, TEMPORARY CHANNELIZING DEVICES, AND TEMPORARY PAVEMENT MARKINGS UTILIZING LANE CLOSURES, THE ADVANCE WARNING SIGNING DETAIL, AND STANDARD PLANS INDEXES 102-600, 102-603, 102-604, AND 102-605.

2. CONSTRUCT THE ROADWAY IMPROVEMENTS THAT FALL WITHIN THE TRAVELED WAY ALONG CR 452.

3. APPLY FINAL PAVEMENT MARKINGS.

ADVANCED WARNING SIGNING DETAIL
N.T.S.



LEGEND

Work Zone Sign

Portable Changeable (Variable) Message Sign

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LAKE COUNTY, FL
REAL FLORIDA - REAL CLOSE

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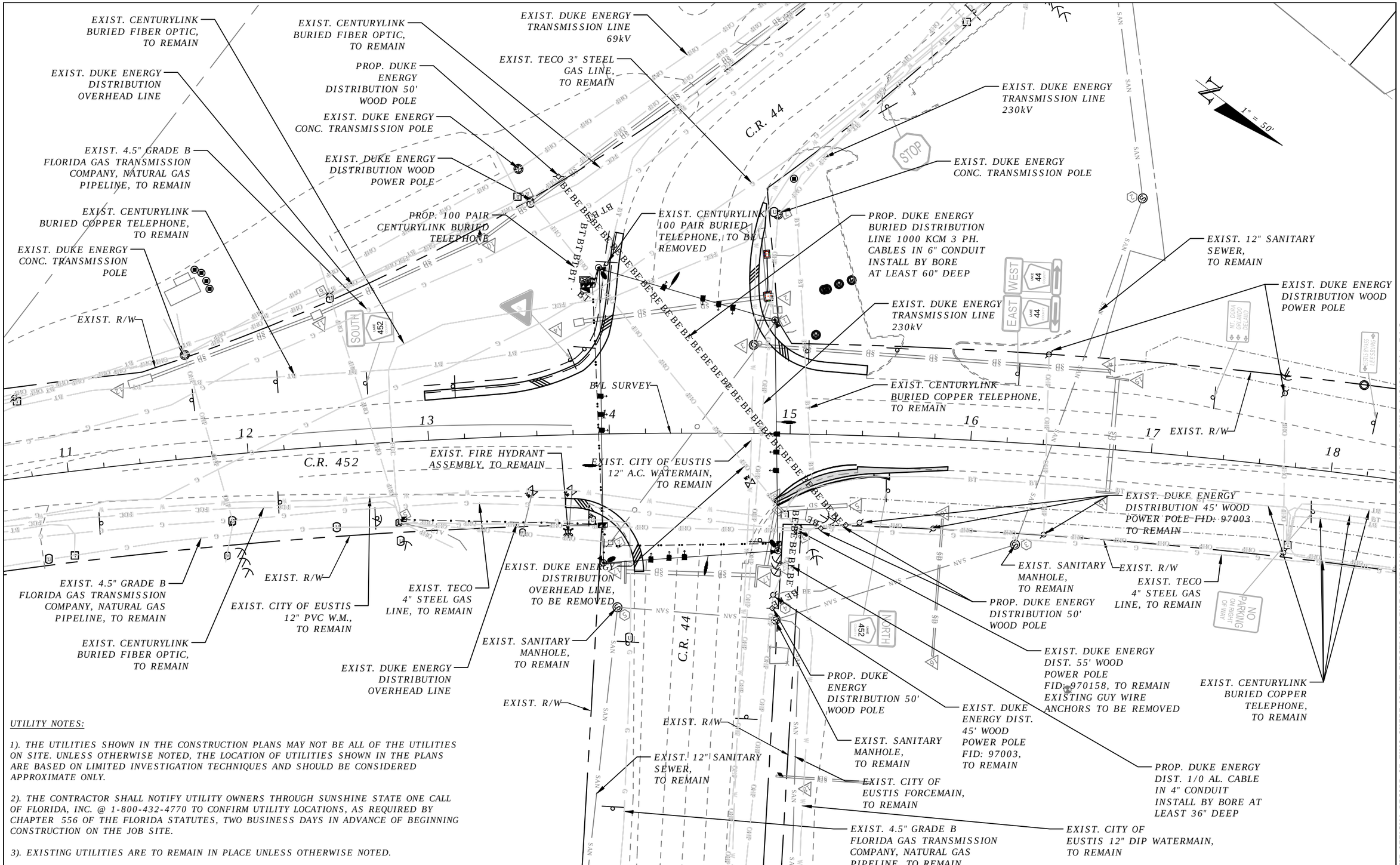
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.
169



UTILITY NOTES:

1). THE UTILITIES SHOWN IN THE CONSTRUCTION PLANS MAY NOT BE ALL OF THE UTILITIES ON SITE. UNLESS OTHERWISE NOTED, THE LOCATION OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.

2). THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, INC. @ 1-800-432-4770 TO CONFIRM UTILITY LOCATIONS, AS REQUIRED BY CHAPTER 556 OF THE FLORIDA STATUTES, TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

3). EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (1)

SHEET NO.
170

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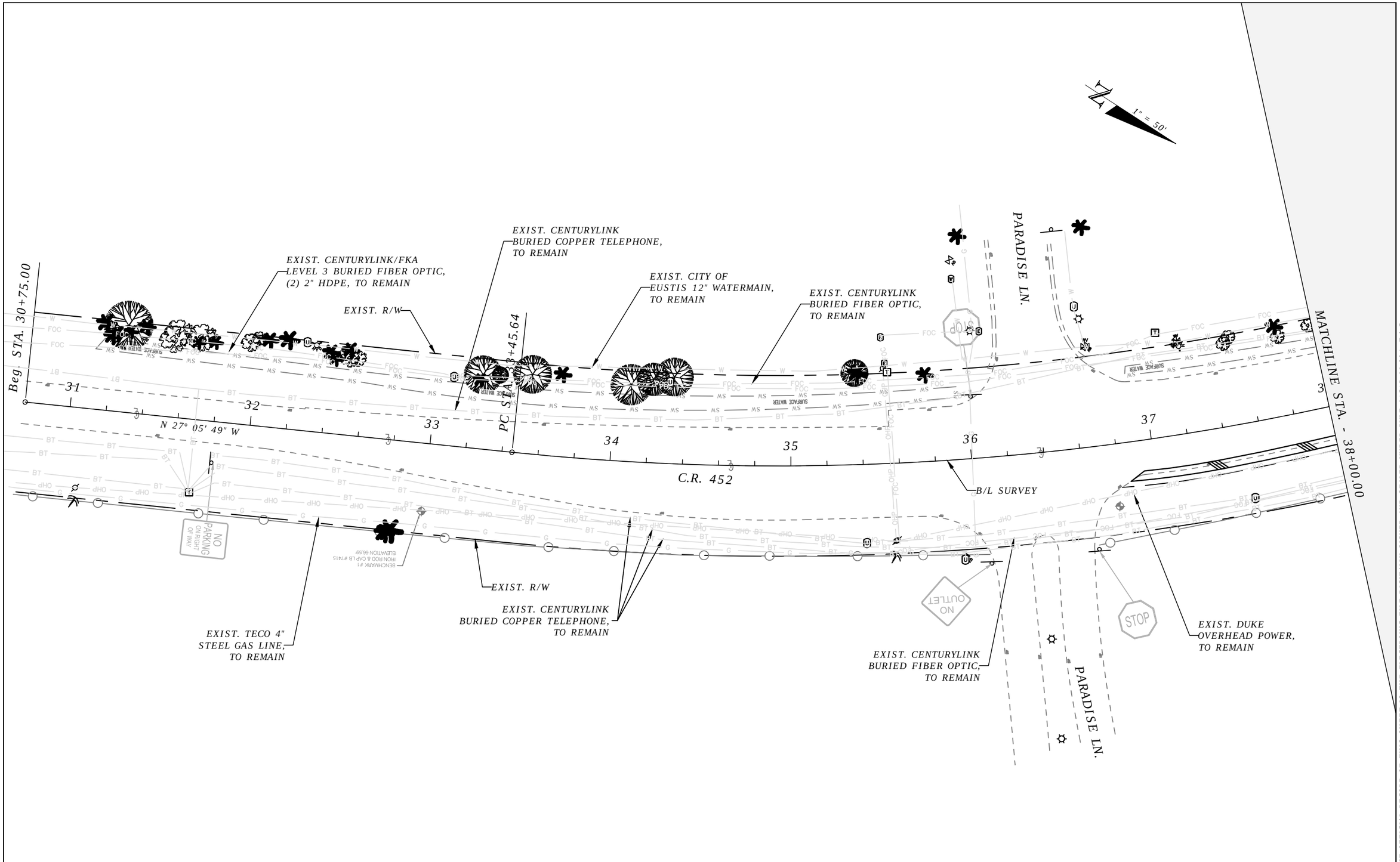
Bublitz, Brad 2/22/2021 7:33:44 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD01.dwg



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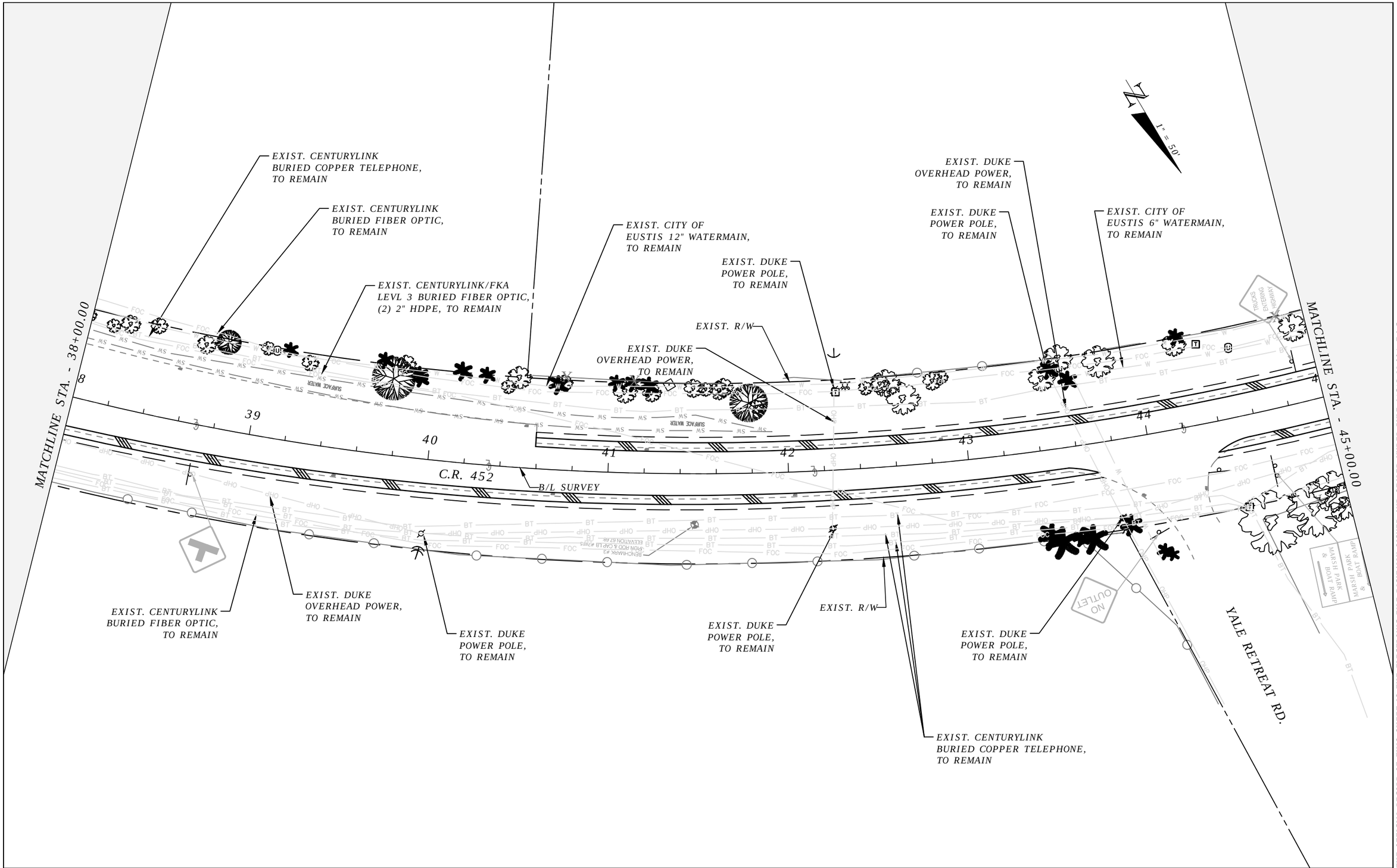
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (2)

SHEET NO.
171

Bublitz, Brad 2/3/2021 7:26:23 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD02.dwg



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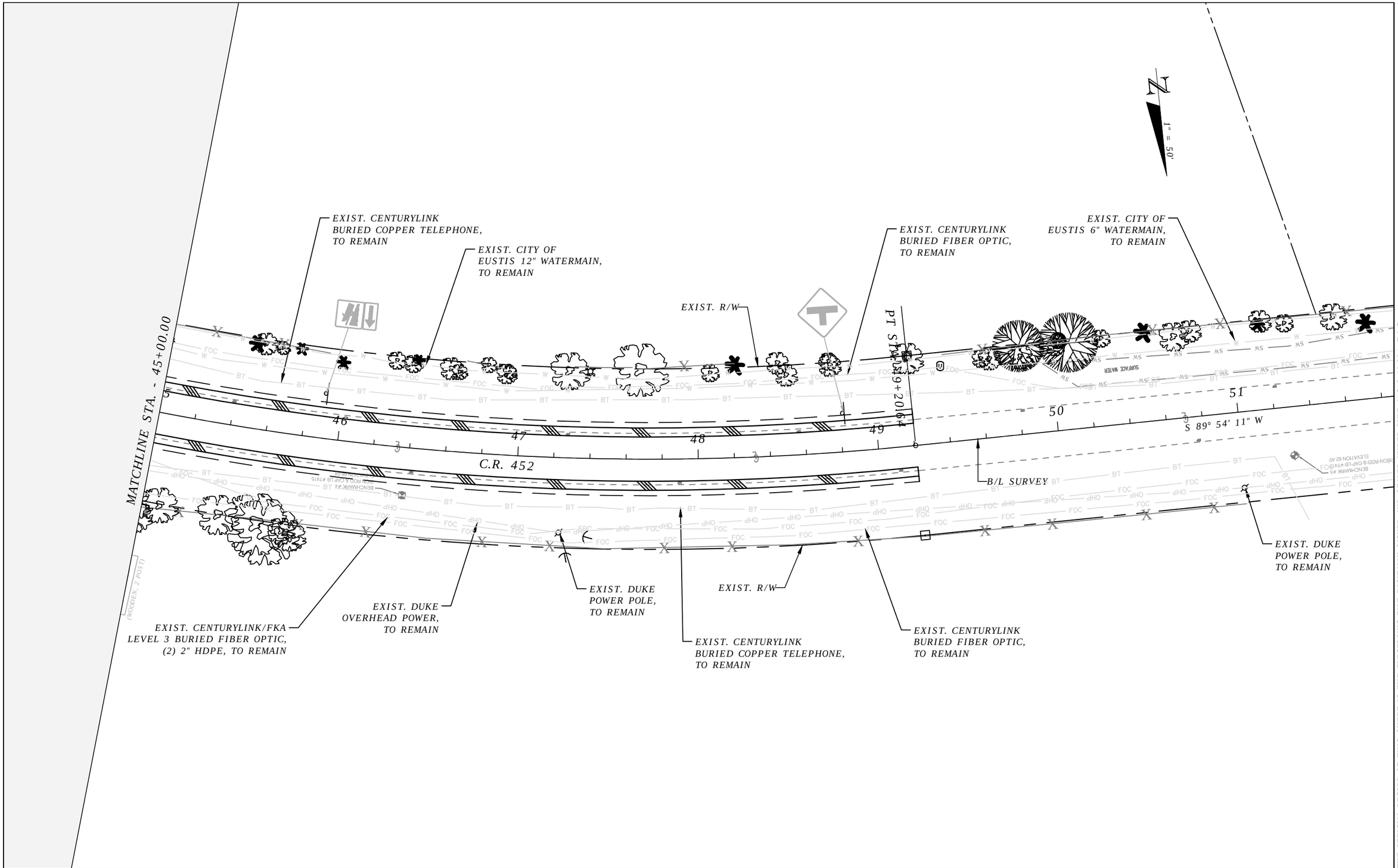
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (3)

SHEET NO.
172

Bublitz, Brad 2/3/2021 7:26:57 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD02.dwg



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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (4)

SHEET NO.
173

Bublitz, Brad 2/3/2021 7:27:25 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD02.dwg

EXIST. CENTURYLINK BURIED COPPER TELEPHONE, TO REMAIN

LAKE LANDING BLVD.

EXIST. DUKE POWER POLE, TO REMAIN

EXIST. CITY OF EUSTIS 12" WATERMAIN, TO REMAIN

EXIST. DUKE POWER POLE, TO REMAIN

EXIST. R/W

EXIST. CENTURYLINK BURIED FIBER OPTIC, TO REMAIN

EXIST. DUKE POWER POLE, TO REMAIN

N

1" = 50'

B/L SURVEY

69 70 71 72 73 74 75

S 89° 57' 23" W

C.R. 452

PC STA. 72+60.18

MATCHLINE STA. - 76+00.00

EXIST. DUKE POWER POLE, TO REMAIN

EXIST. CENTURYLINK/FKA LEVEL 3 BURIED FIBER OPTIC, (2) 2" HDPE TO REMAIN

EXIST. DUKE OVERHEAD POWER, TO REMAIN

EXIST. CENTURYLINK BURIED COPPER TELEPHONE, TO REMAIN

EXIST. DUKE POWER POLE, TO REMAIN

EXIST. R/W

EXIST. DUKE POWER POLE, TO REMAIN

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TAVARES, FL 32778

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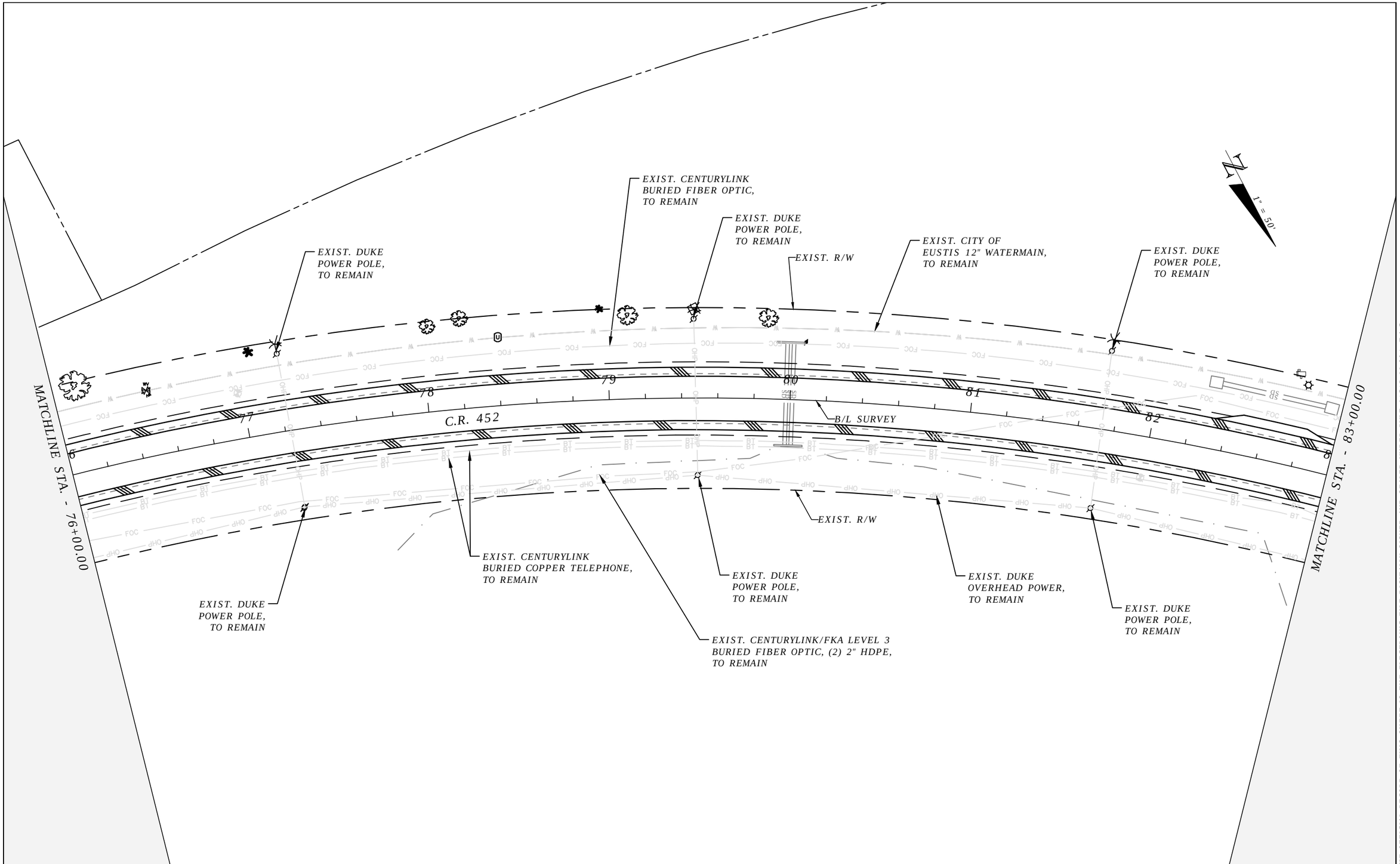
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (5)

SHEET NO.
174

Bublitz, Brad 2/3/2021 7:30:41 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD03.dwg



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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

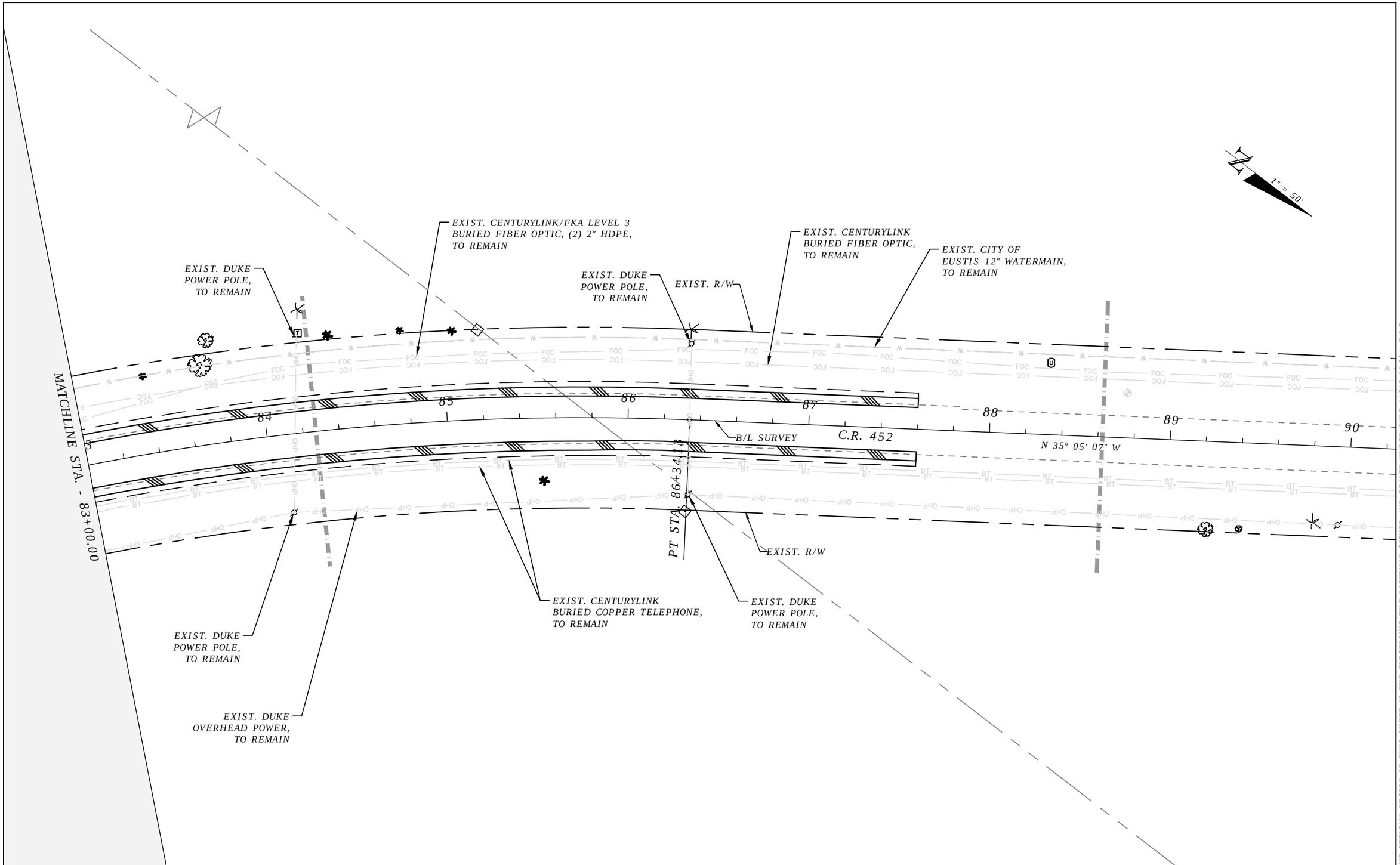
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (6)

SHEET NO.
175

Bublitz, Brad 2/3/2021 7:31:08 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD03.dwg



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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

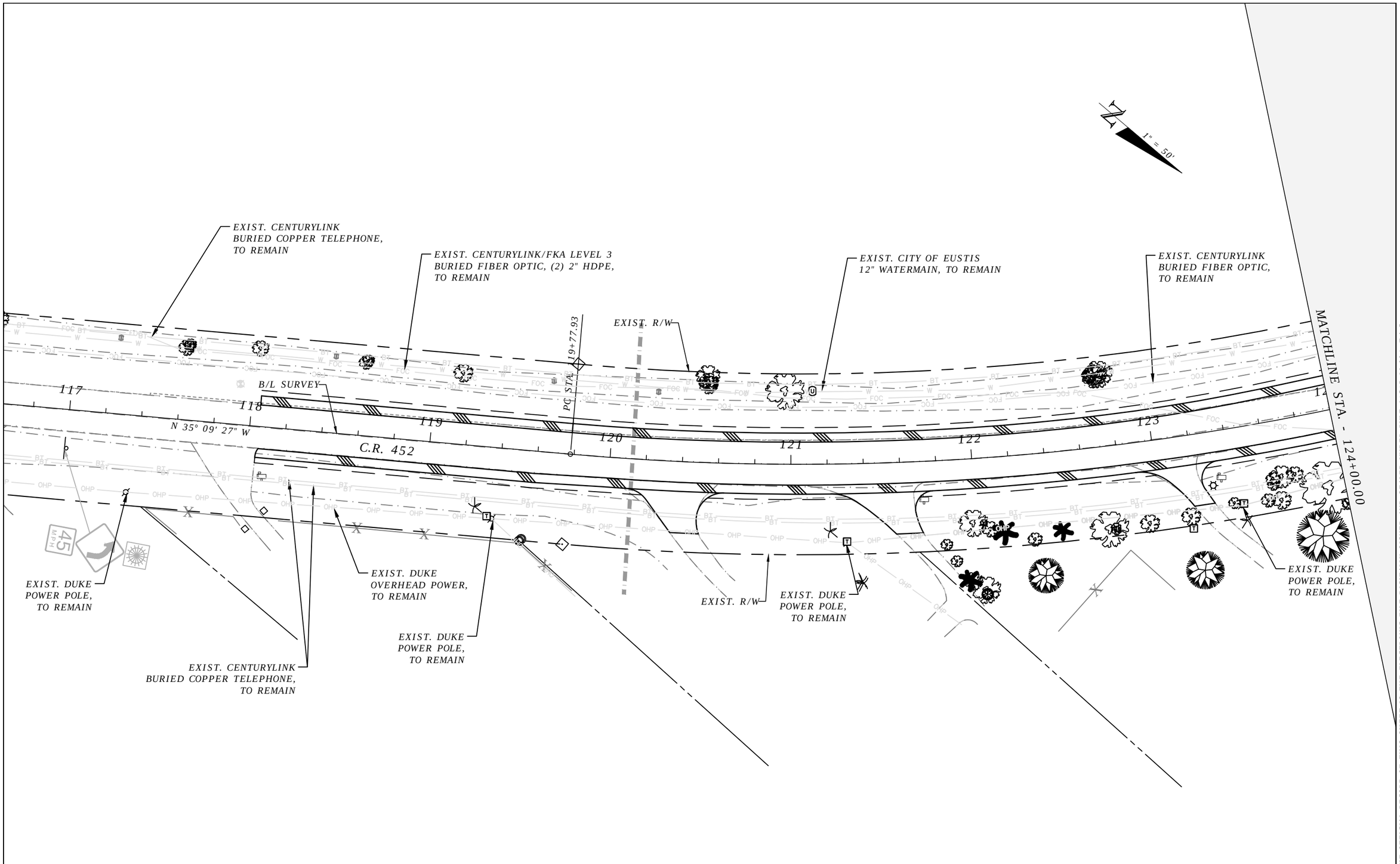
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (7)

SHEET NO.
176

Bublitz, Brad 2/3/2021 7:31:43 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD03.dwg



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REVISIONS	
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LAKE COUNTY, FL
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315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

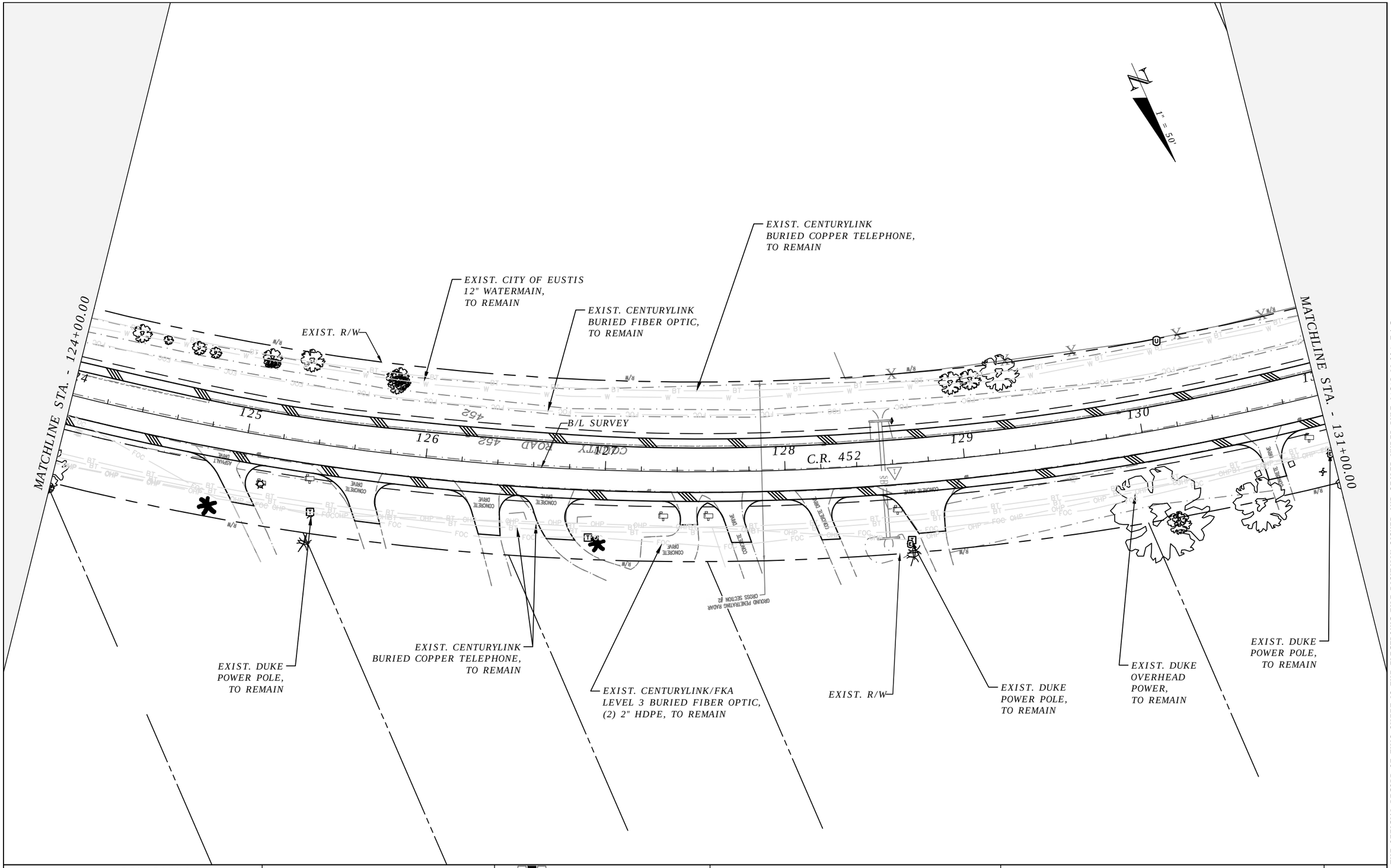
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (8)

SHEET NO.
177

Bublitz, Brad 2/3/2021 7:35:54 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD04.dwg



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DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (9)

SHEET NO.
178

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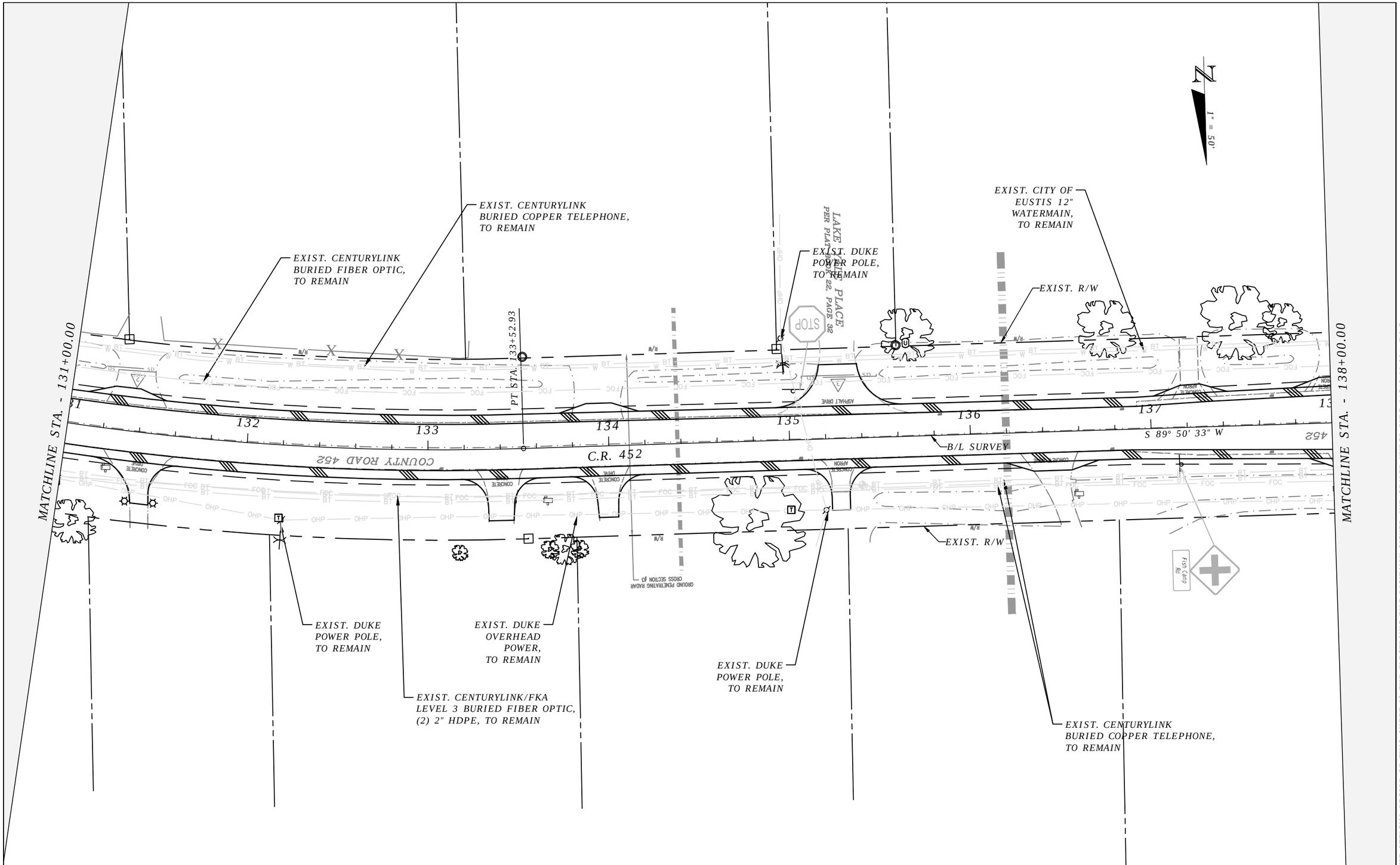

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315 WEST MAIN STREET
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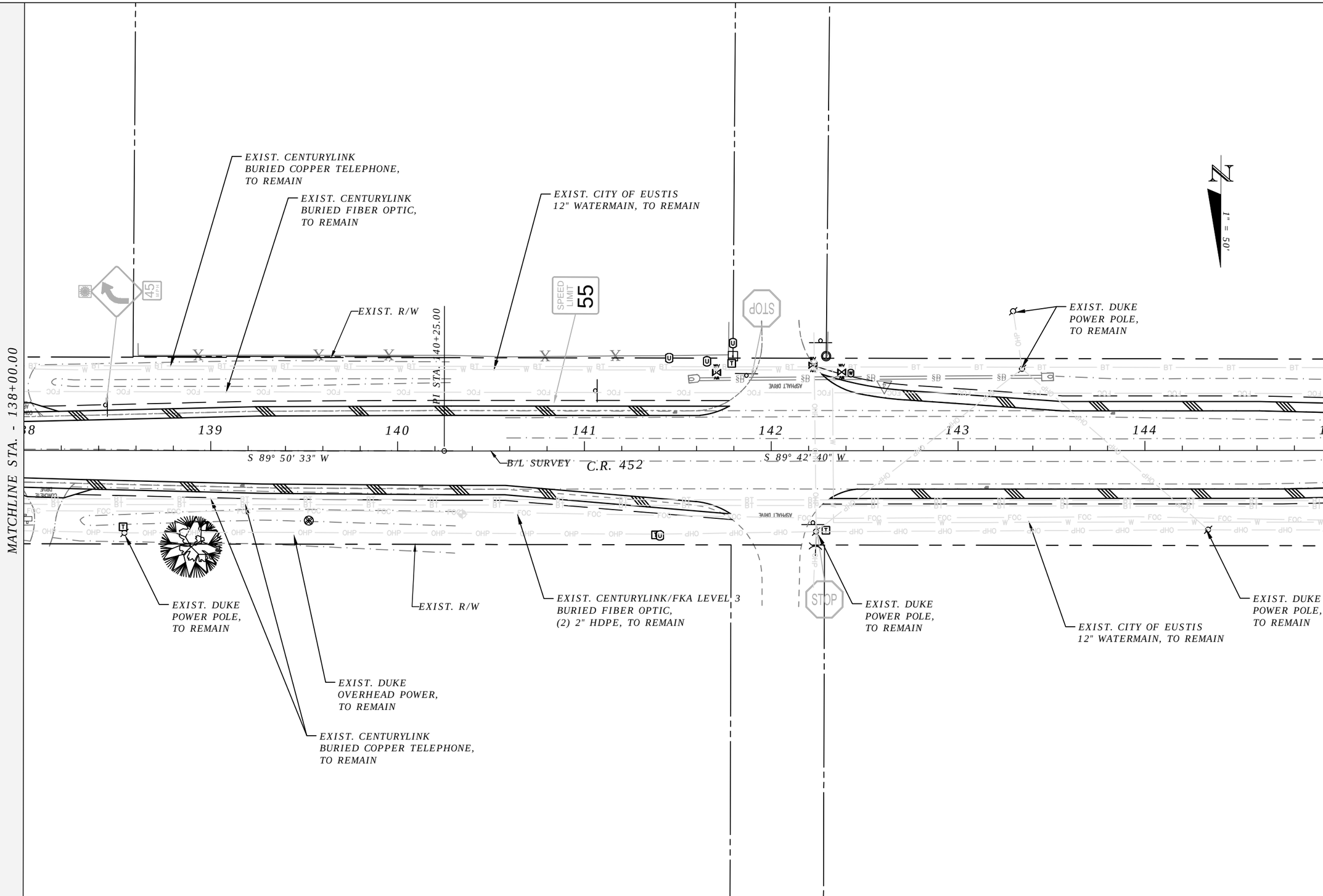
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (10)

SHEET NO.
179

Bublitz, Brad 2/3/2021 7:36:42 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD04.dwg



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LAKE COUNTY, FL
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315 WEST MAIN STREET
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DUANE K. BOOTH, P.E.
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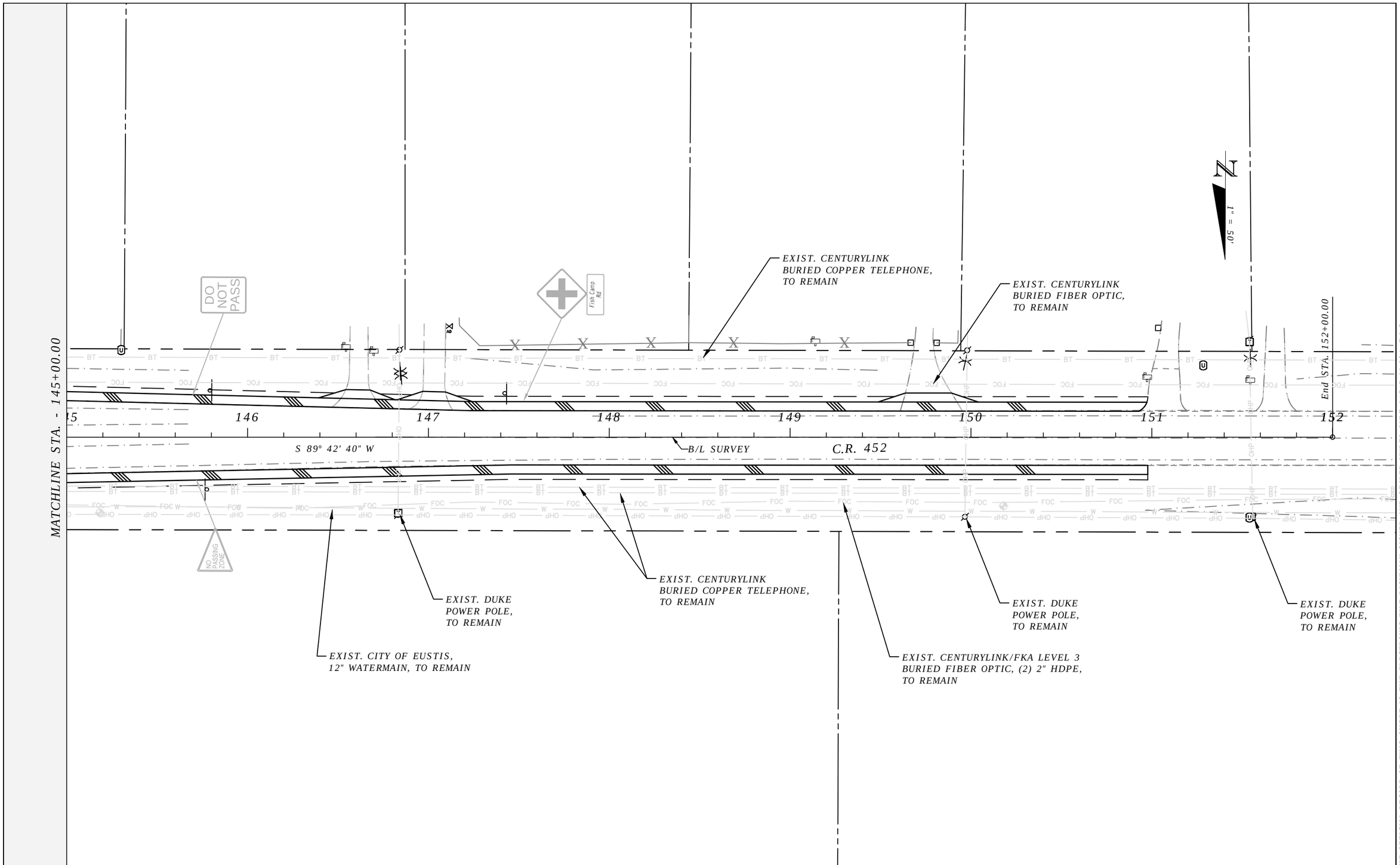
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (11)

SHEET NO.
180

Bublitz, Brad 2/3/2021 7:37:12 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD04.dwg



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315 WEST MAIN STREET
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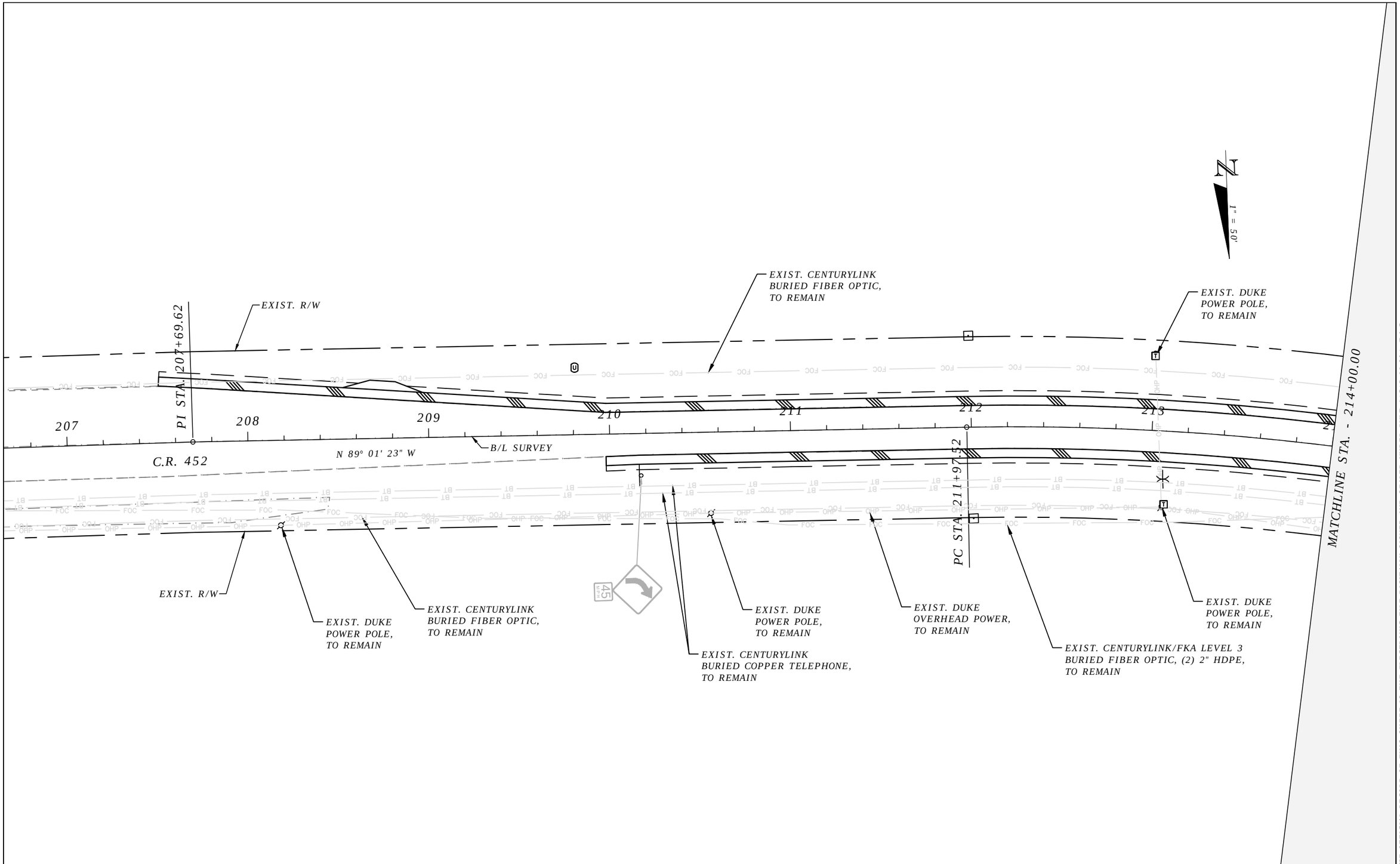
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (12)

SHEET NO.
181

Bublitz, Brad 2/3/2021 7:37:35 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD04.dwg



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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (13)

SHEET NO.
182

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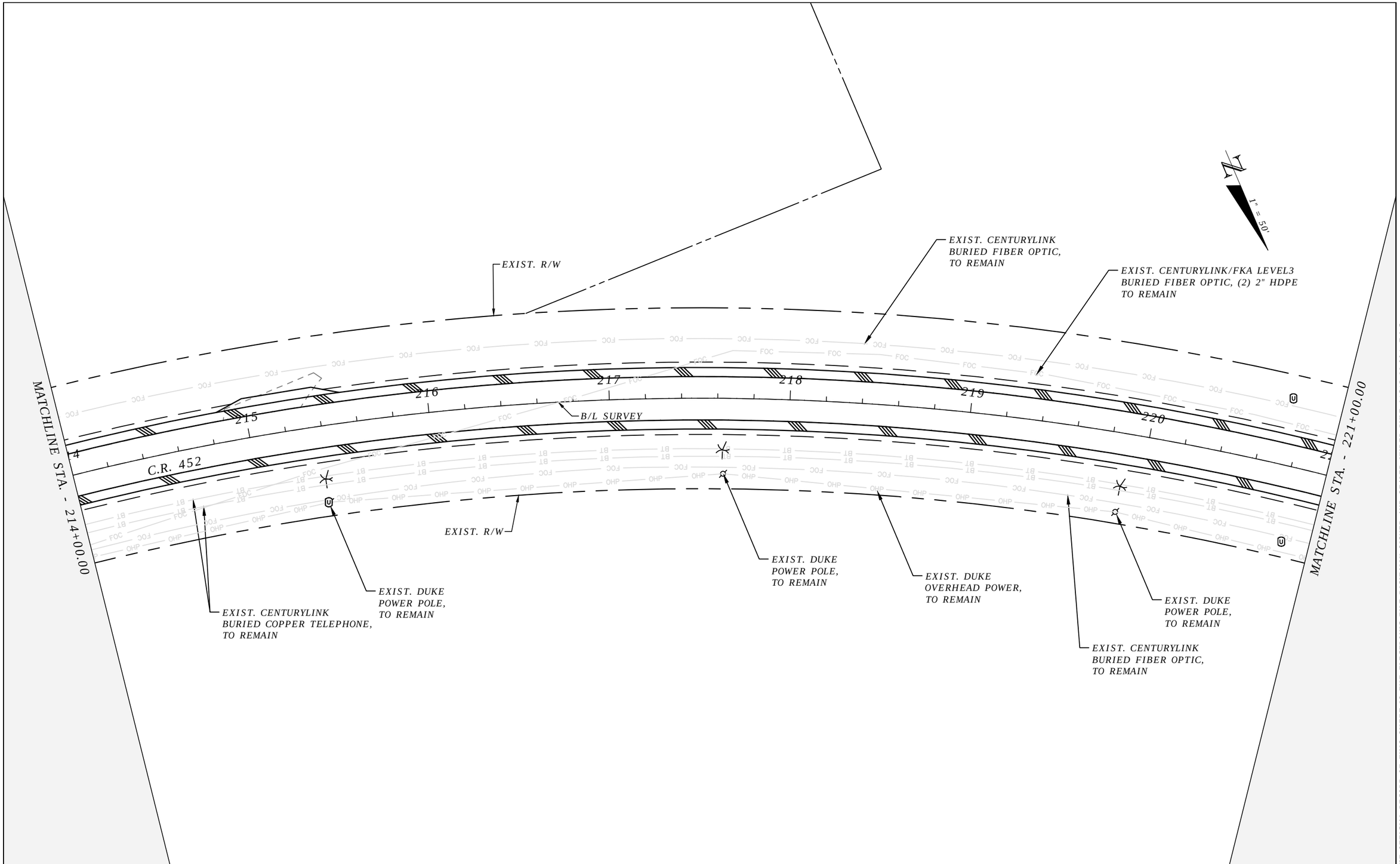

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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (14)

SHEET NO.
183

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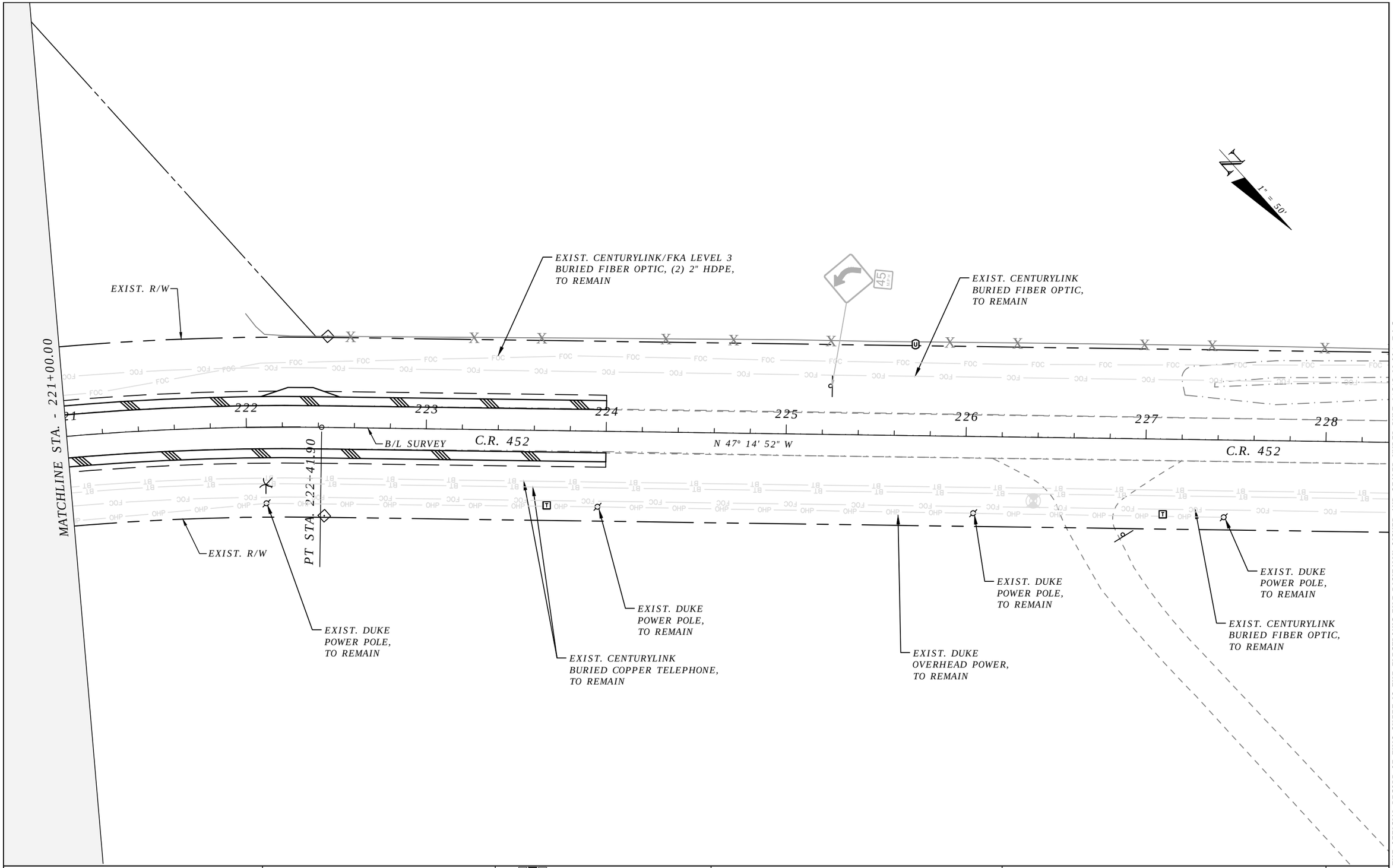

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DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
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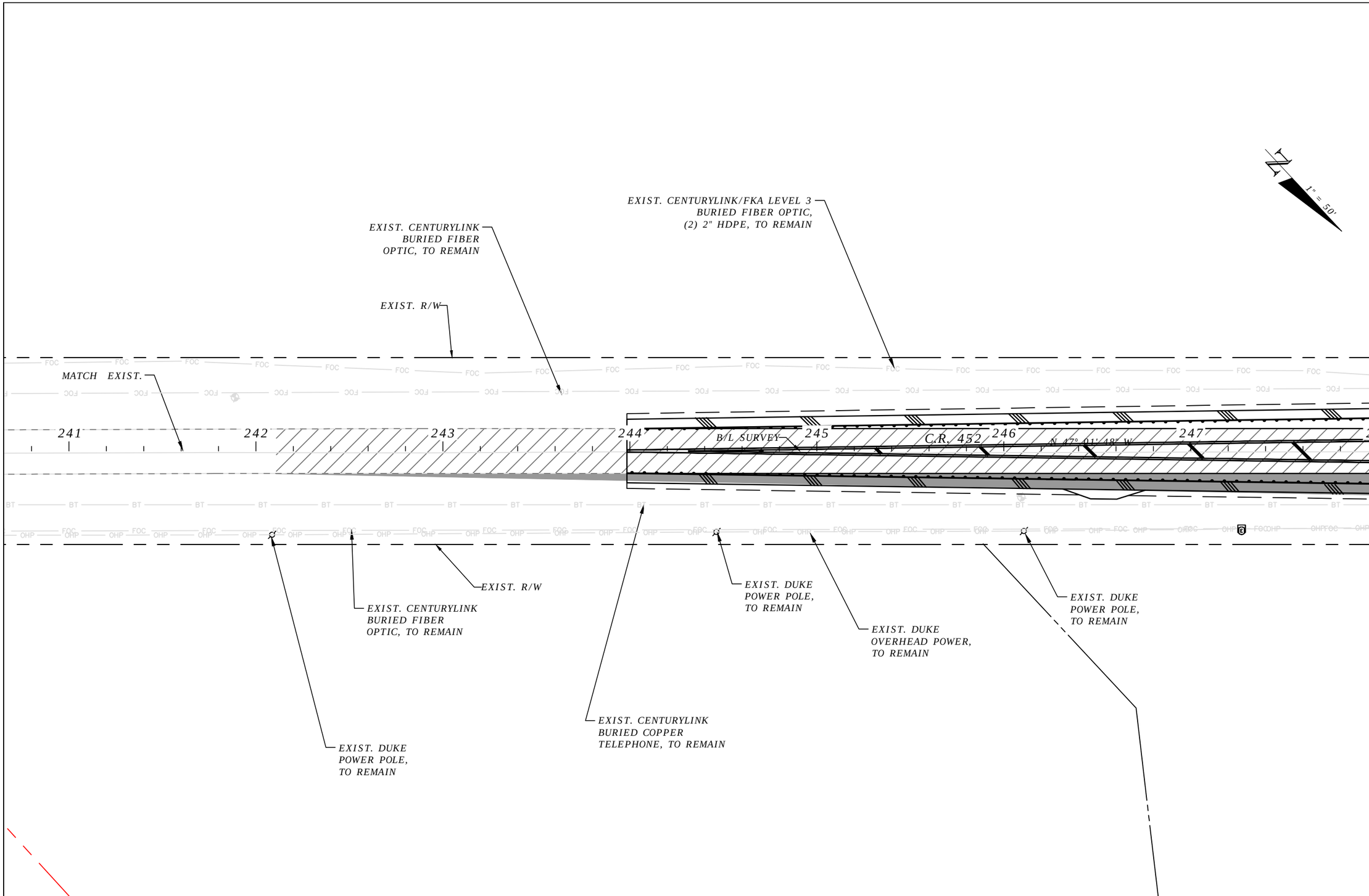
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (15)

SHEET NO.
184

Bublitz, Brad 2/3/2021 7:41:40 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD05.dwg



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LAKE COUNTY
315 WEST MAIN STREET
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BESH|HALFF
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P.E. LICENSE NUMBER 44631
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TAVARES, FL 32778
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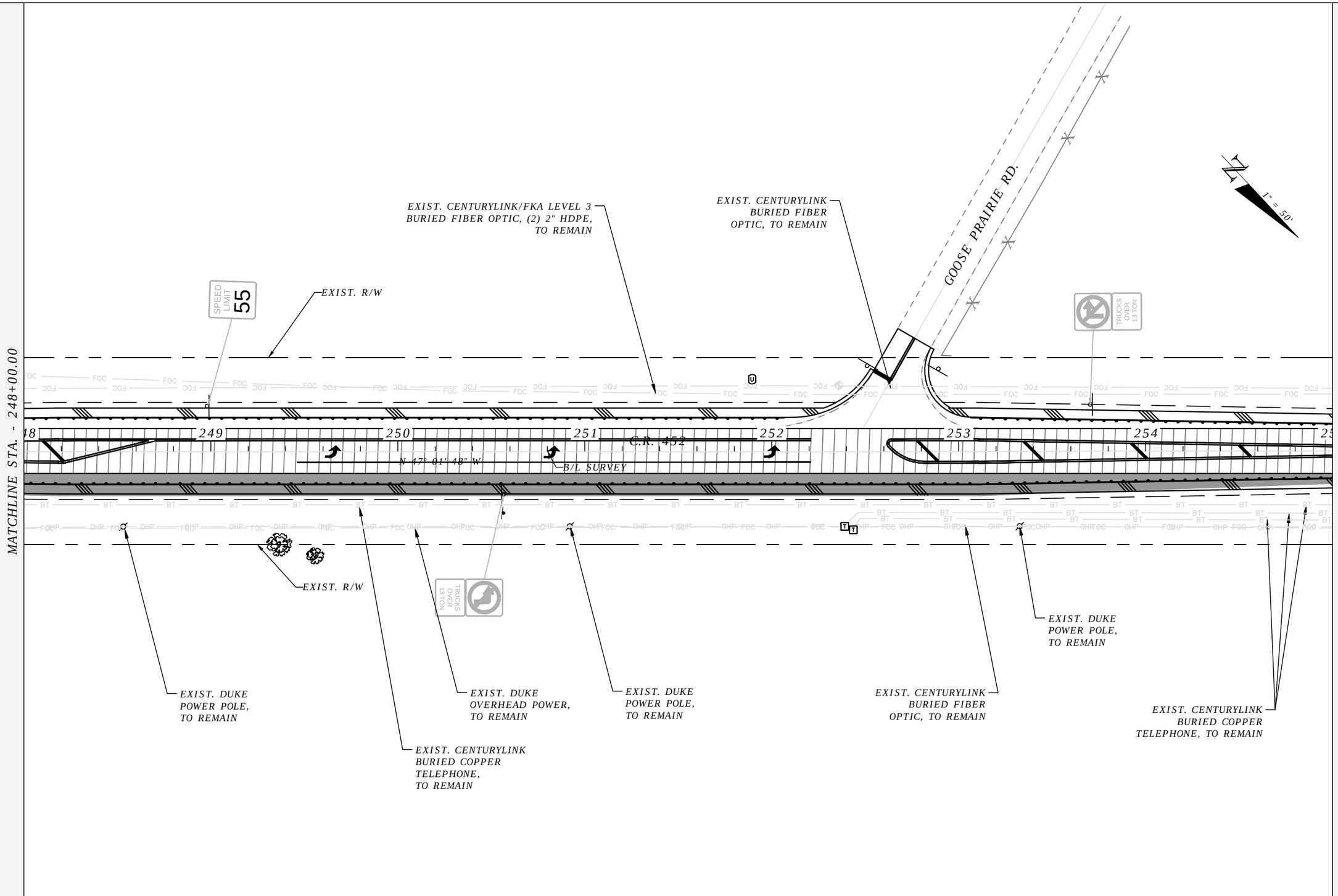
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (16)

SHEET NO.
185

Bublitz, Brad 2/3/2021 7:47:26 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD06.dwg



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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (17)

SHEET NO.
186

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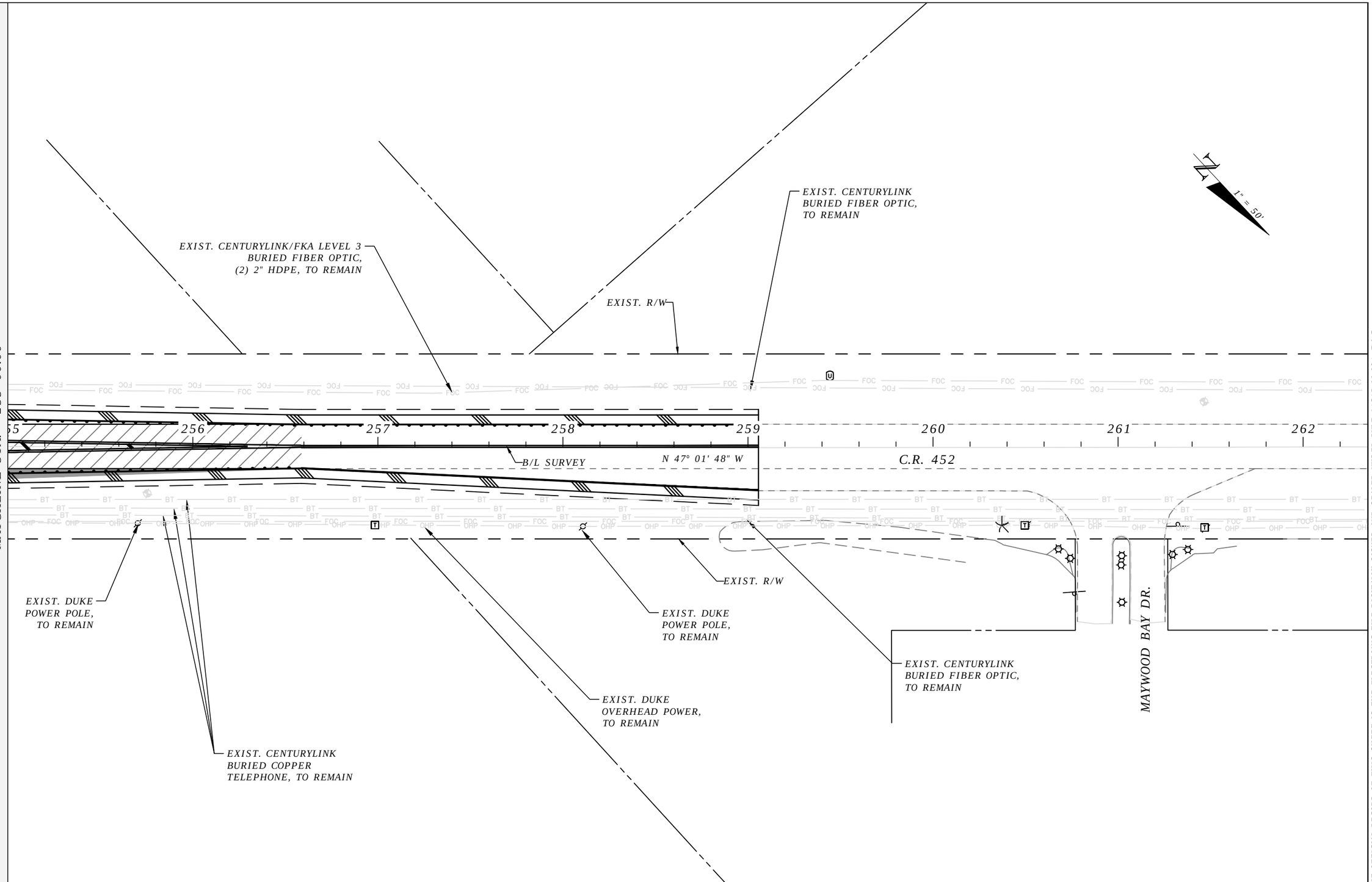

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LAKE COUNTY
315 WEST MAIN STREET
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BESH|HALFF
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TAVARES, FL 32778
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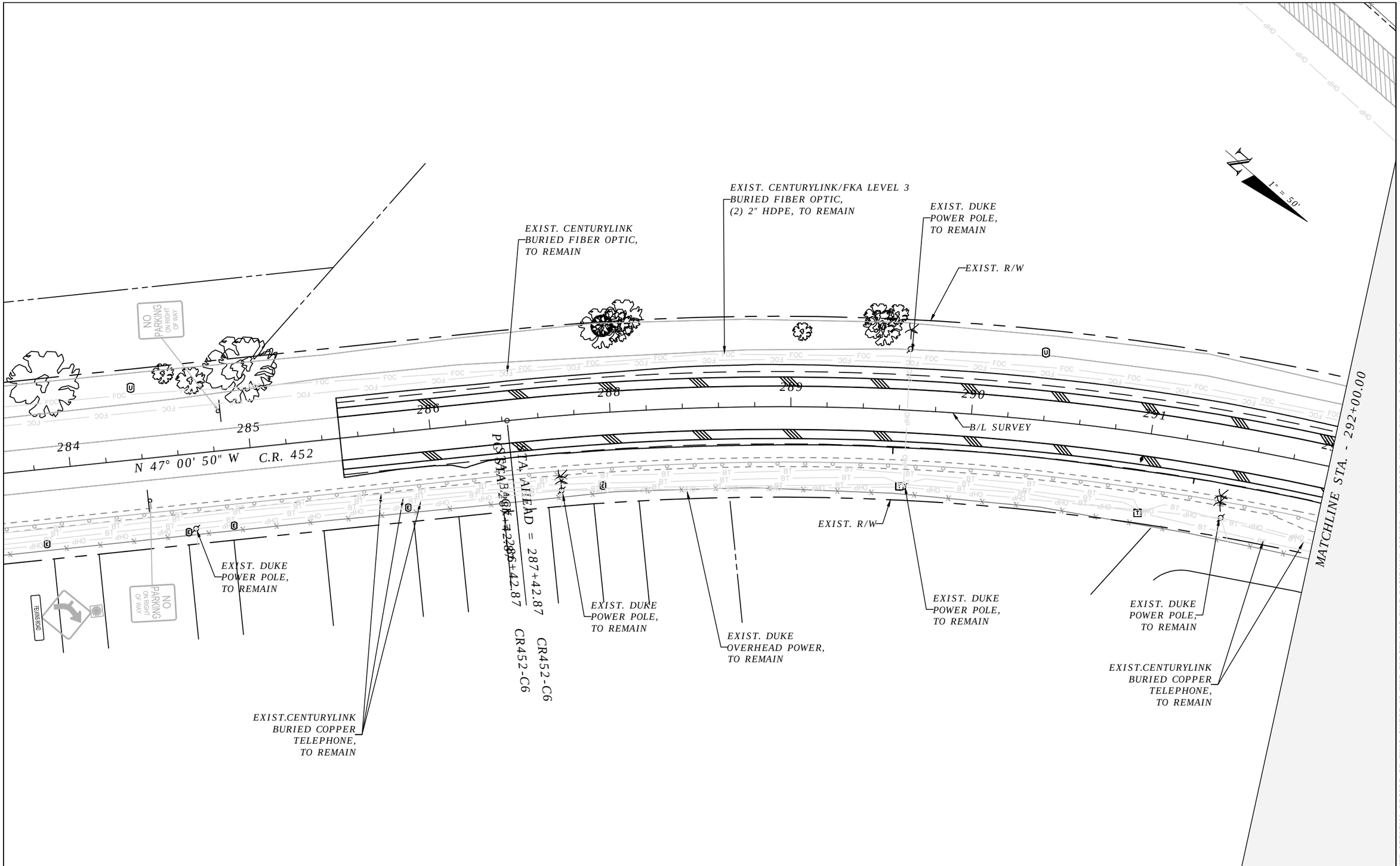
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (18)

SHEET NO.
187

Bublitz, Brad 2/3/2021 7:48:09 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD06.dwg



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LAKE COUNTY, FL
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315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
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902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
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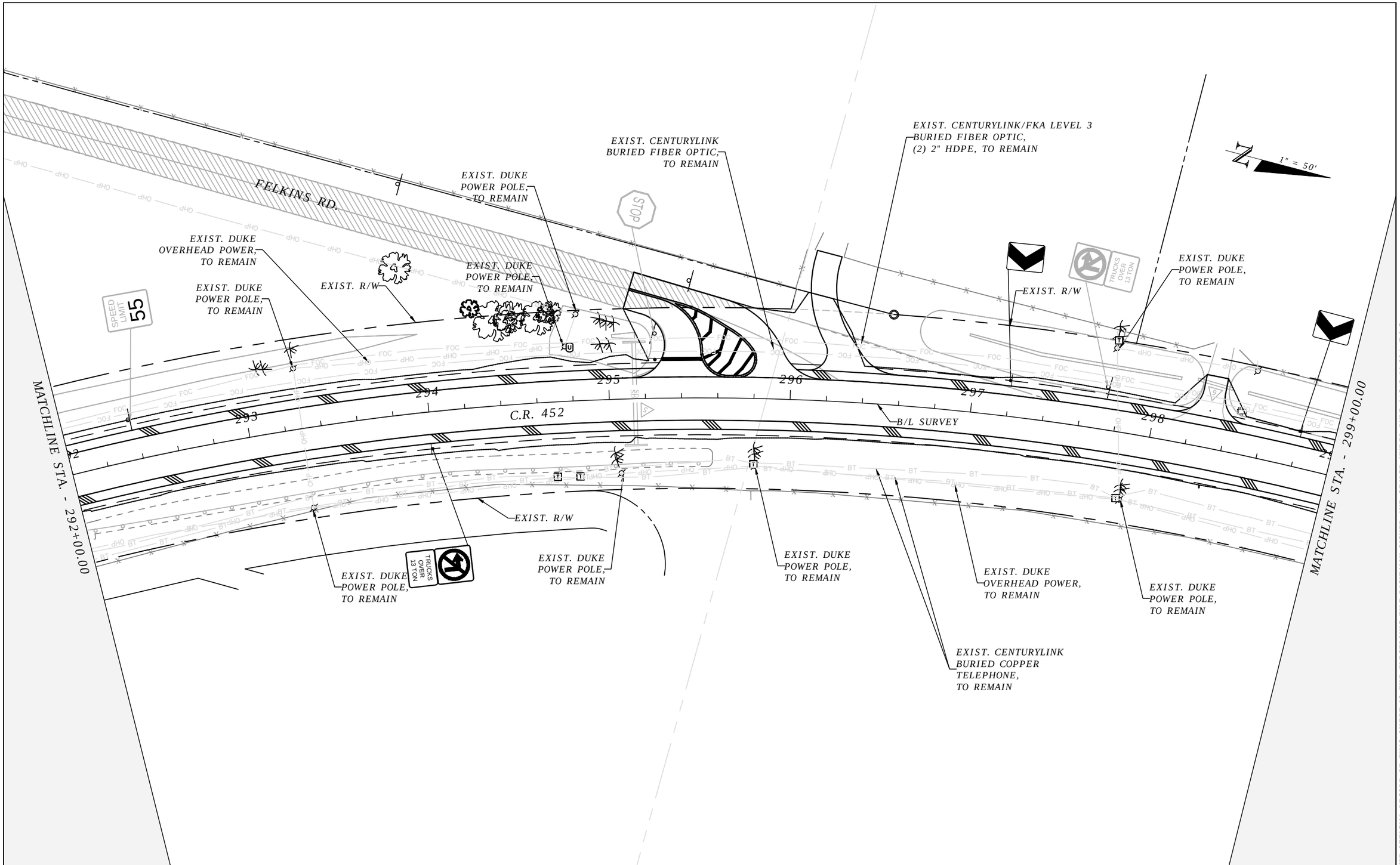
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (19)

SHEET NO.
188

Bublitz, Brad 2/3/2021 7:49:35 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD07.dwg



REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
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902 NORTH SINCLAIR AVE.
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CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (20)

SHEET NO.
189

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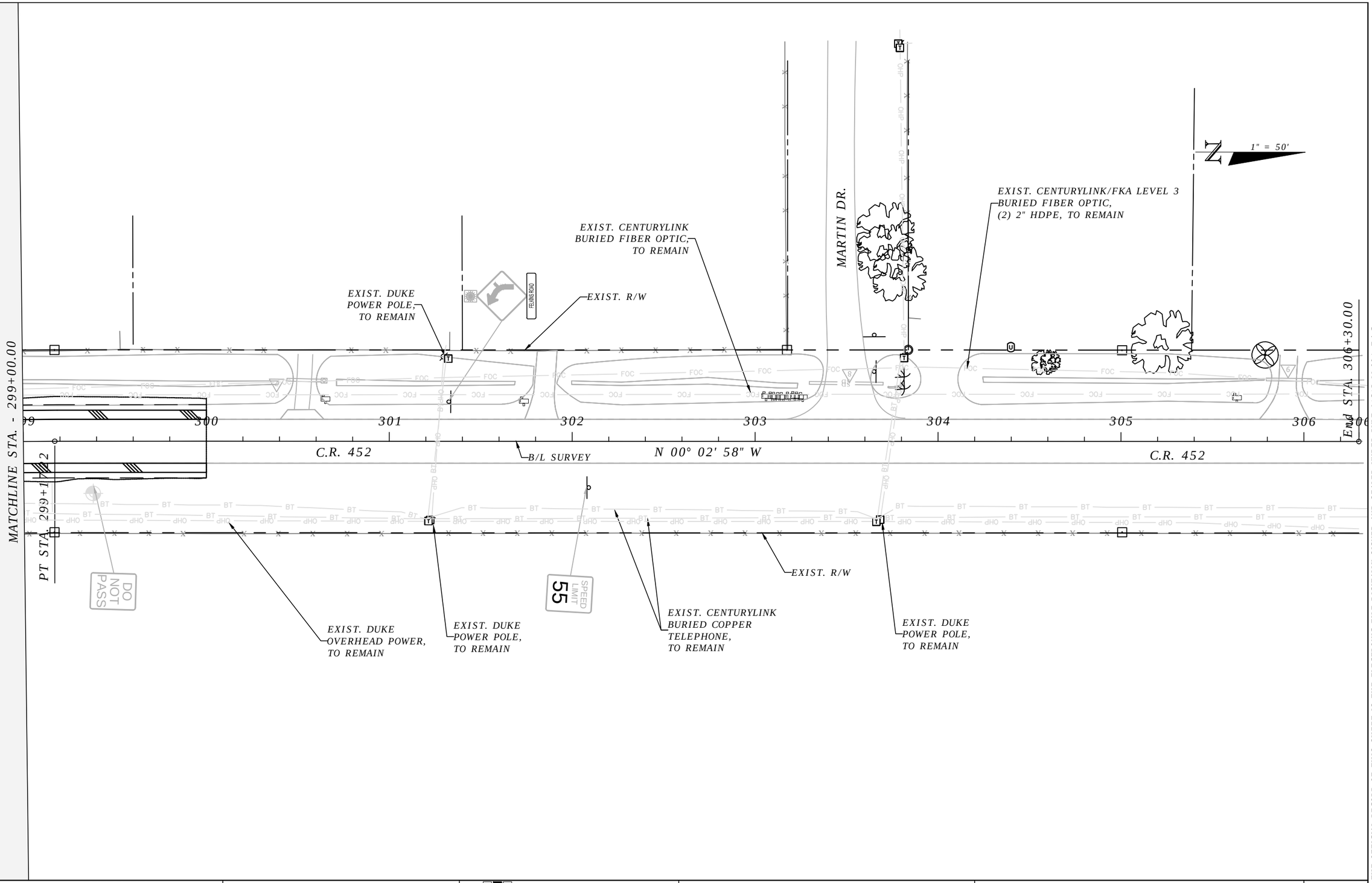
Bublitz, Brad 4/6/2021 2:33:29 PM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD07.dwg



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REVISIONS	
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LAKE COUNTY, FL
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902 NORTH SINCLAIR AVE.
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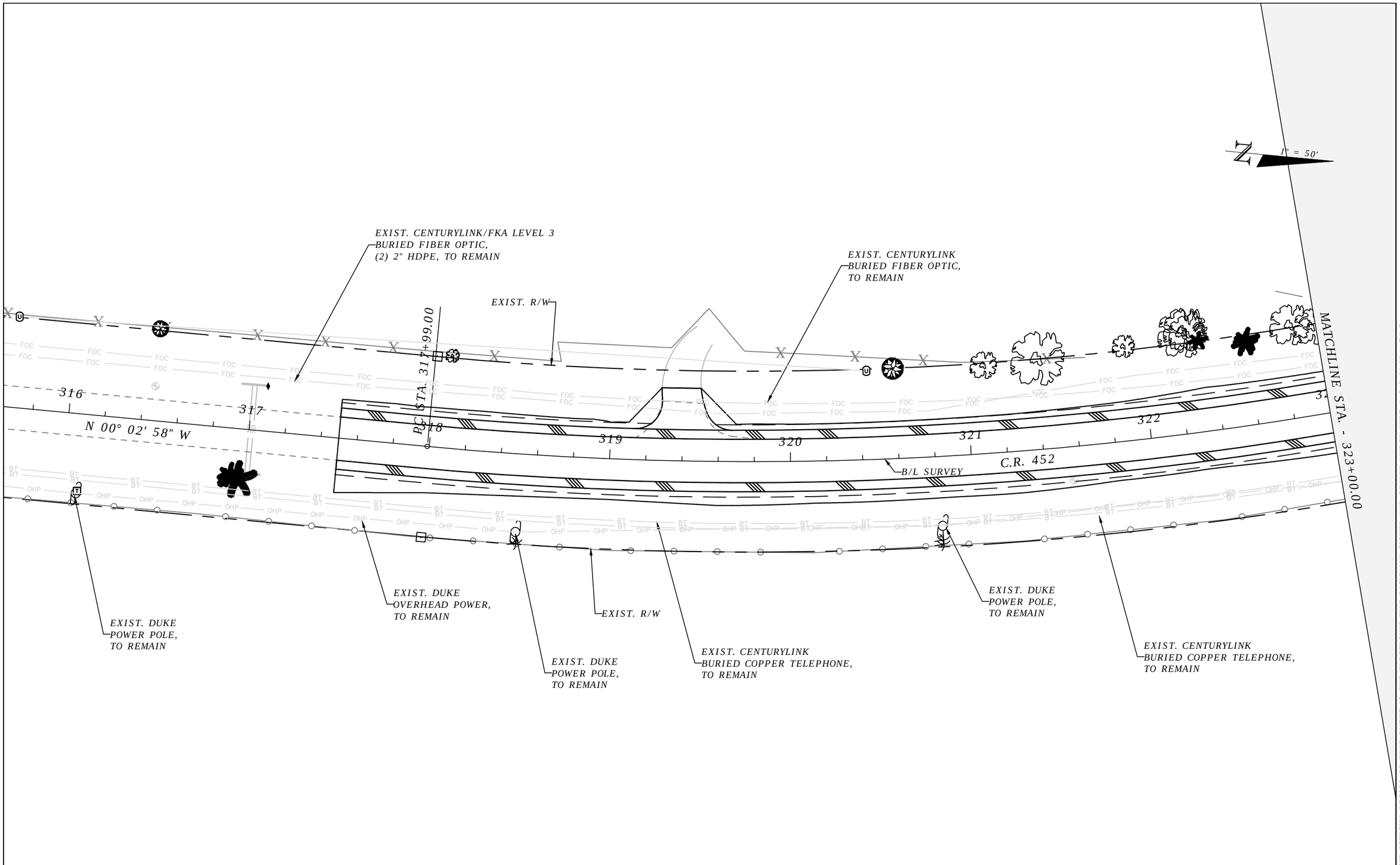
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (21)

SHEET NO.
190

Bublitz, Brad 2/3/2021 7:53:02 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD07.dwg



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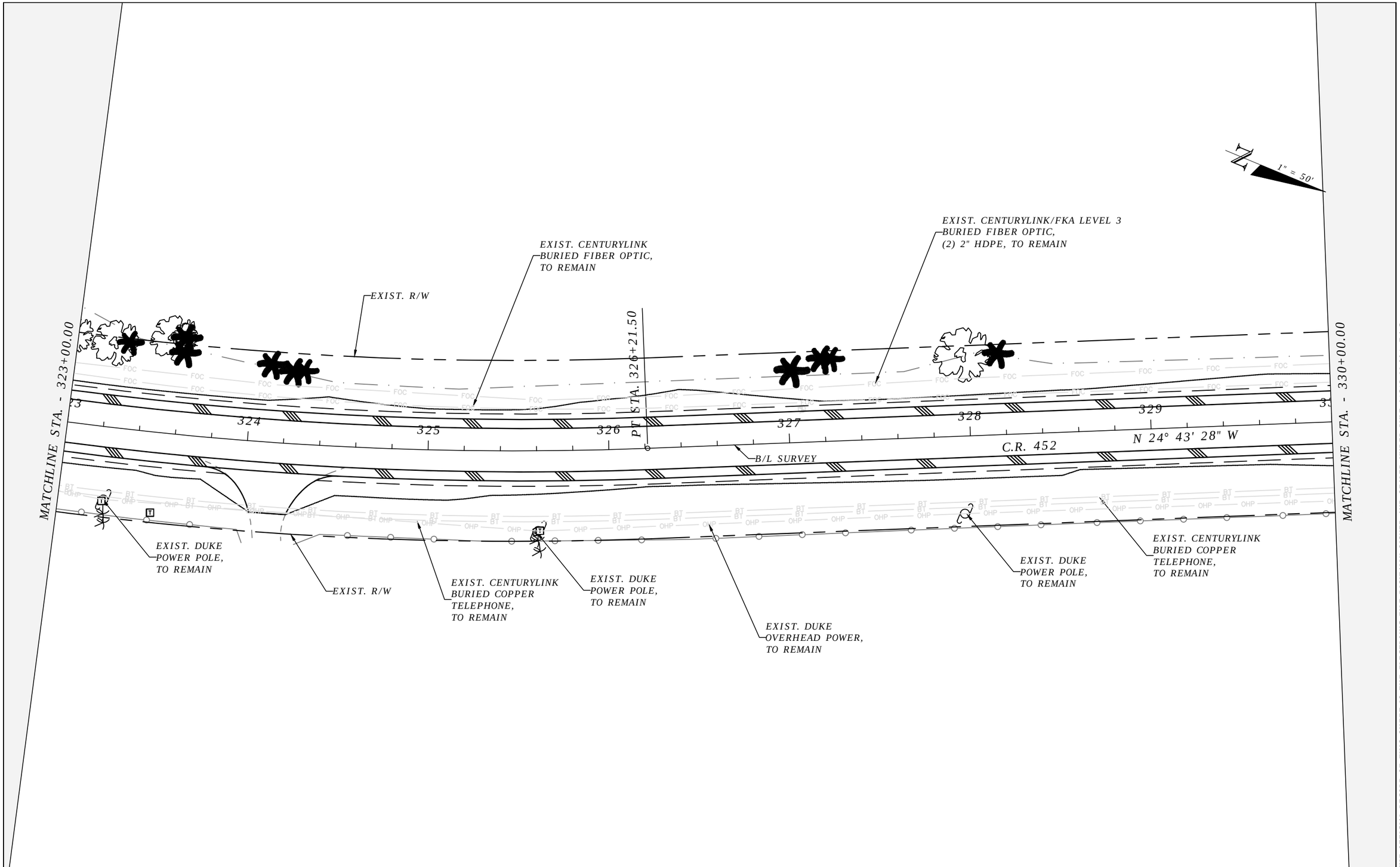
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (22)

SHEET NO.
191

Bublitz, Brad 2/3/2021 7:54:40 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD08.dwg



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315 WEST MAIN STREET
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TAVARES, FL 32778
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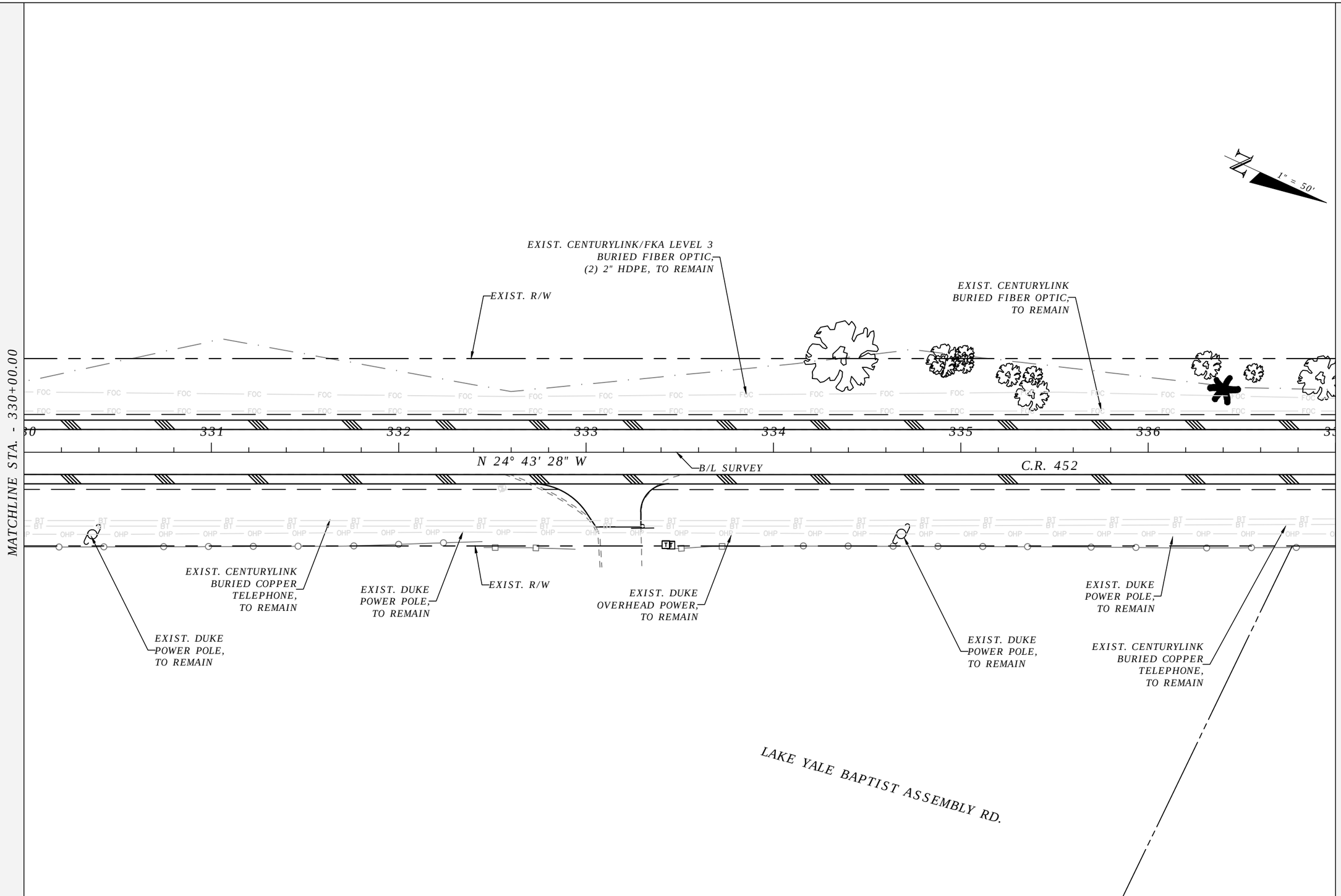
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (23)

SHEET NO.
192

Bublitz, Brad 2/3/2021 7:55:04 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD08.dwg



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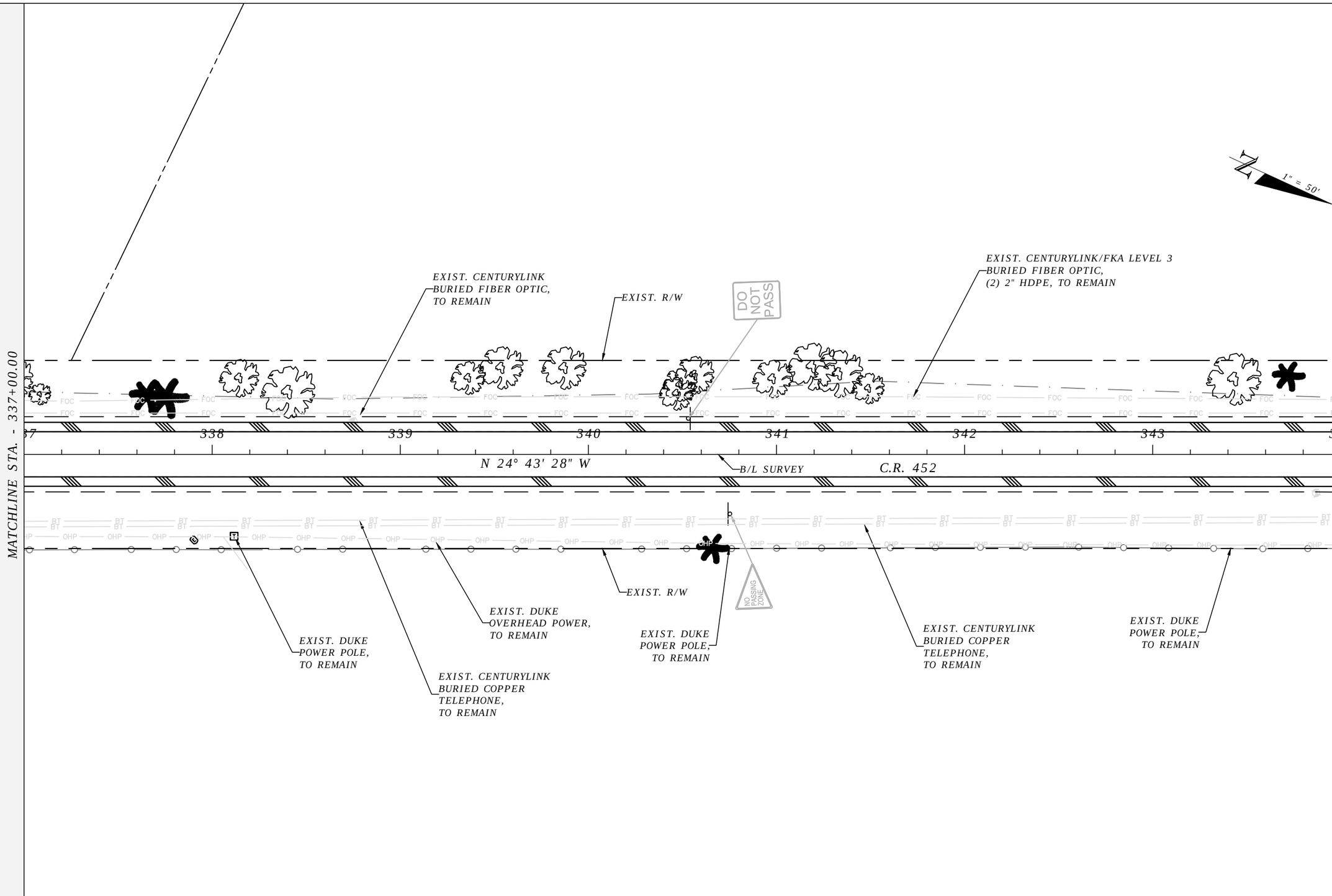
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (24)

SHEET NO.
193

Bublitz, Brad 2/3/2021 7:55:33 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD08.dwg



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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

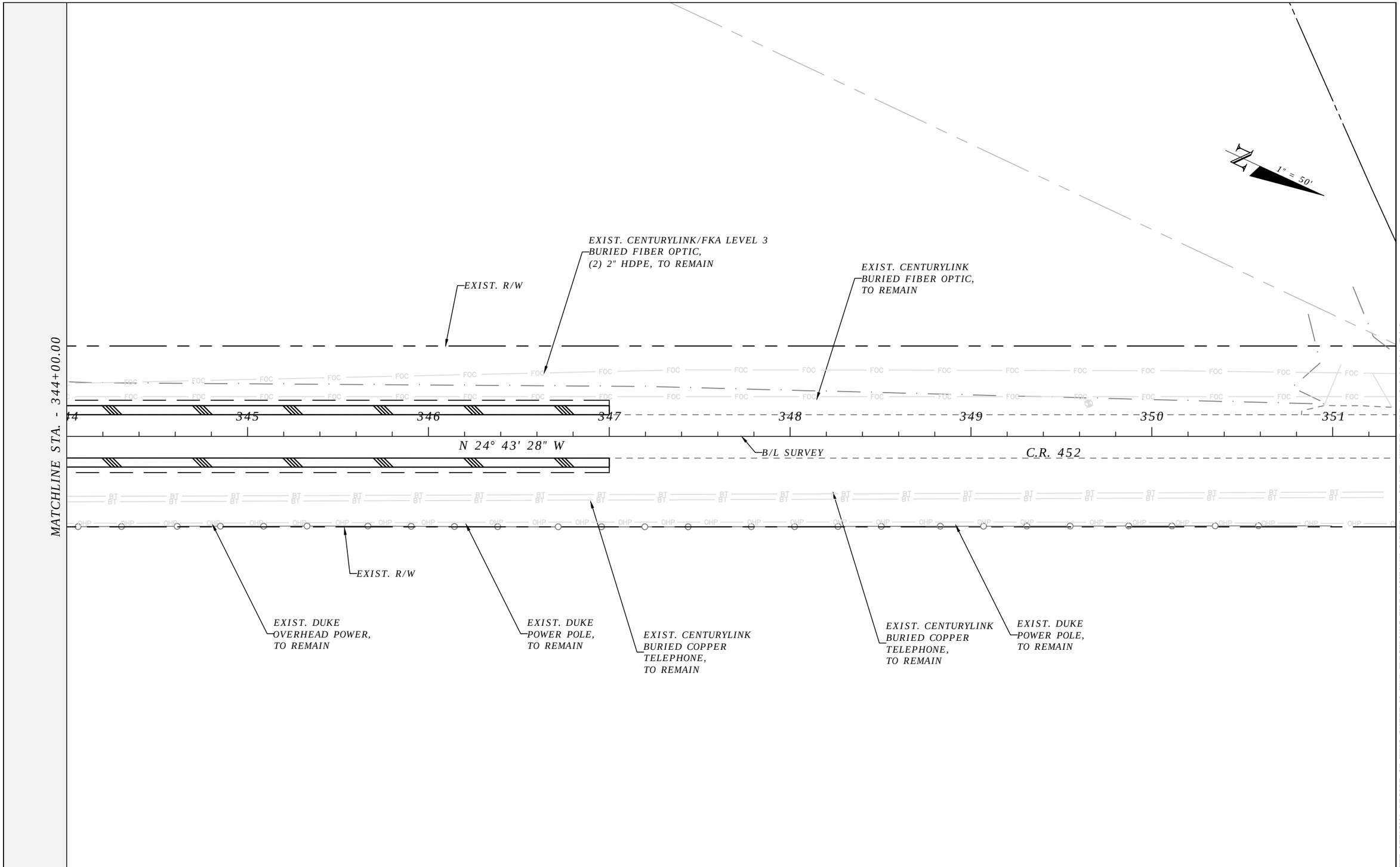
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (25)

SHEET NO.
194

Bublitz, Brad 2/3/2021 7:55:55 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD08.dwg



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REVISIONS	
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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (26)

SHEET NO.
195

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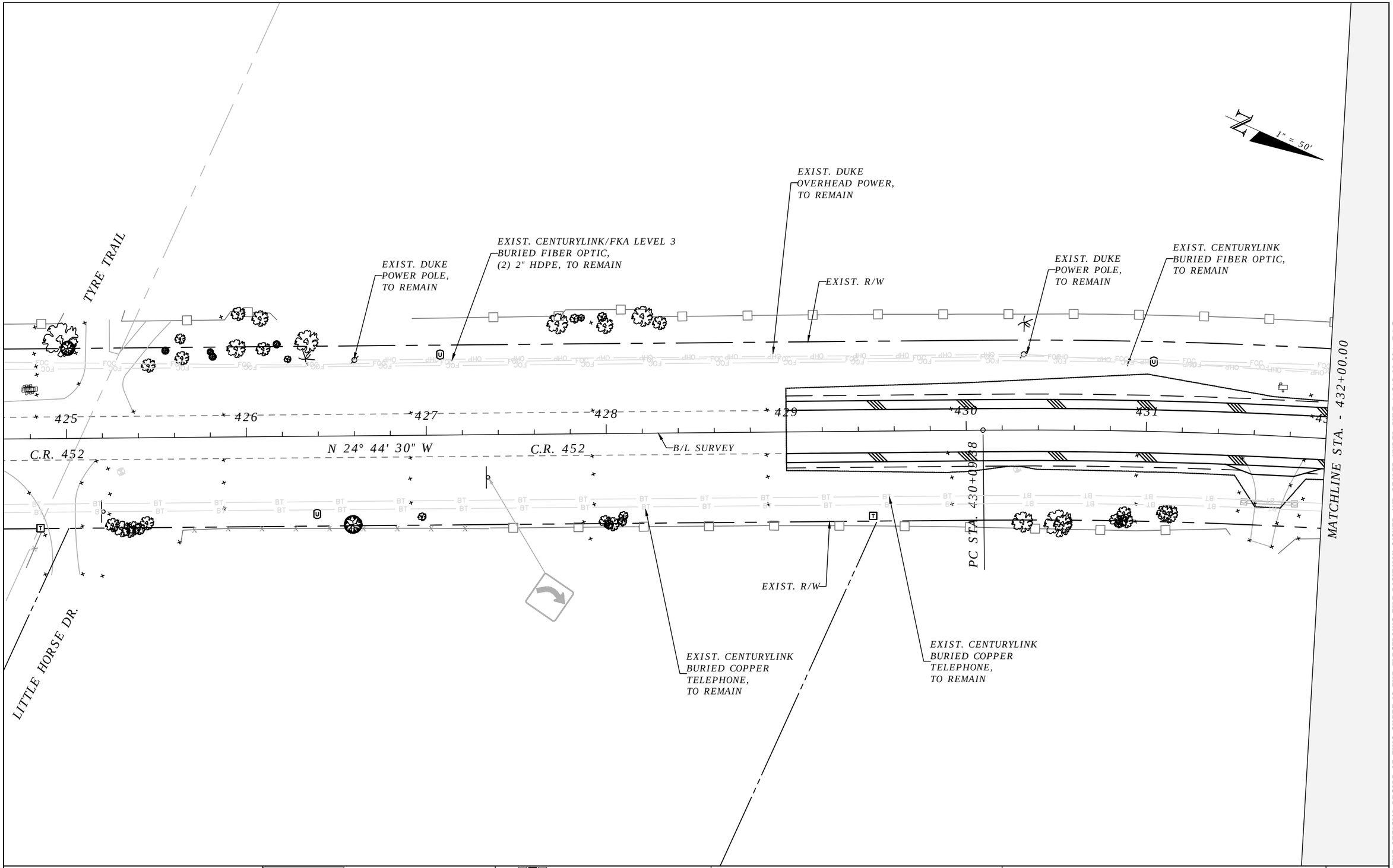

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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
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BESH|HALFF
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COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (27)

SHEET NO.
196

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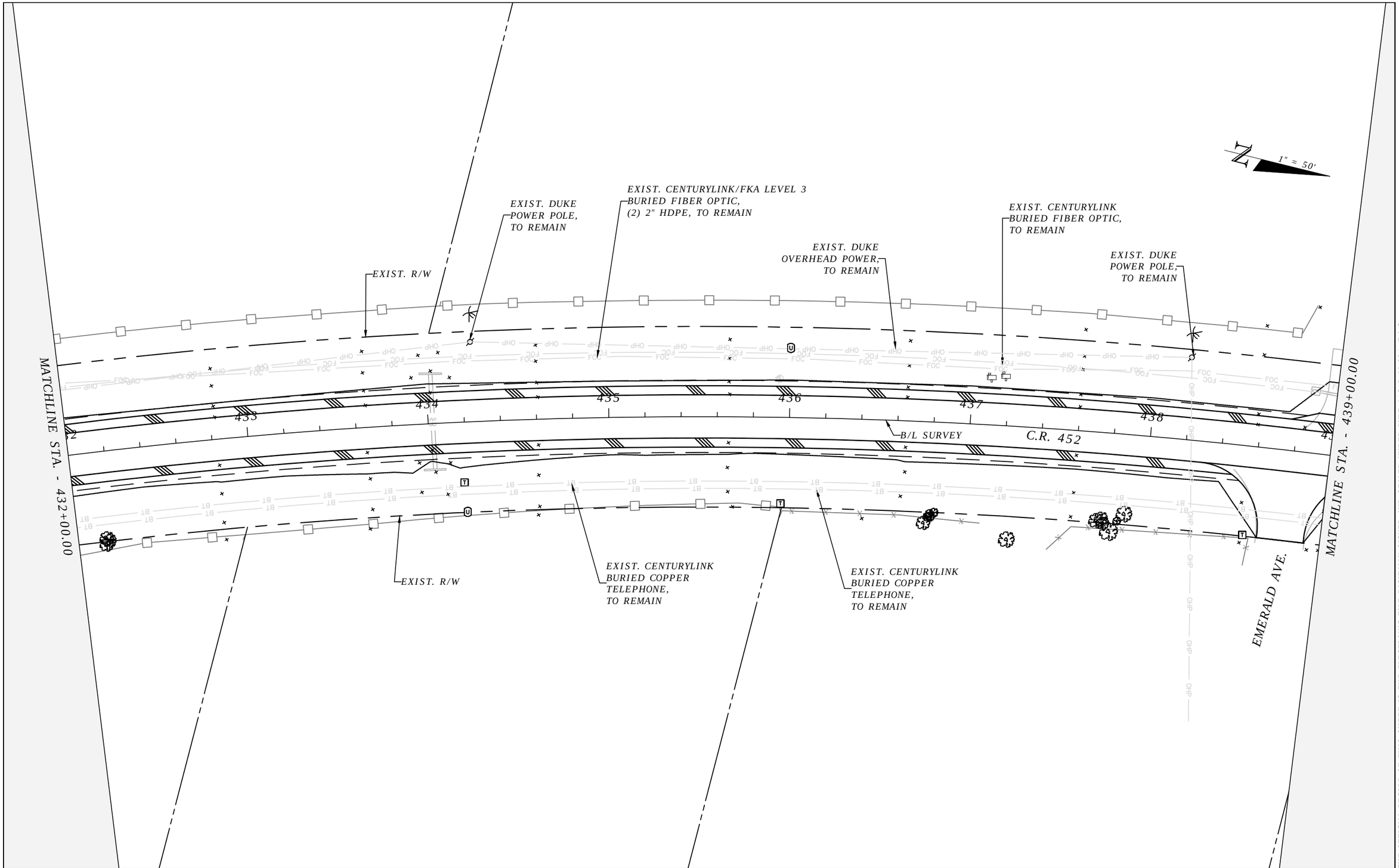

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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
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CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (28)

SHEET NO.
197

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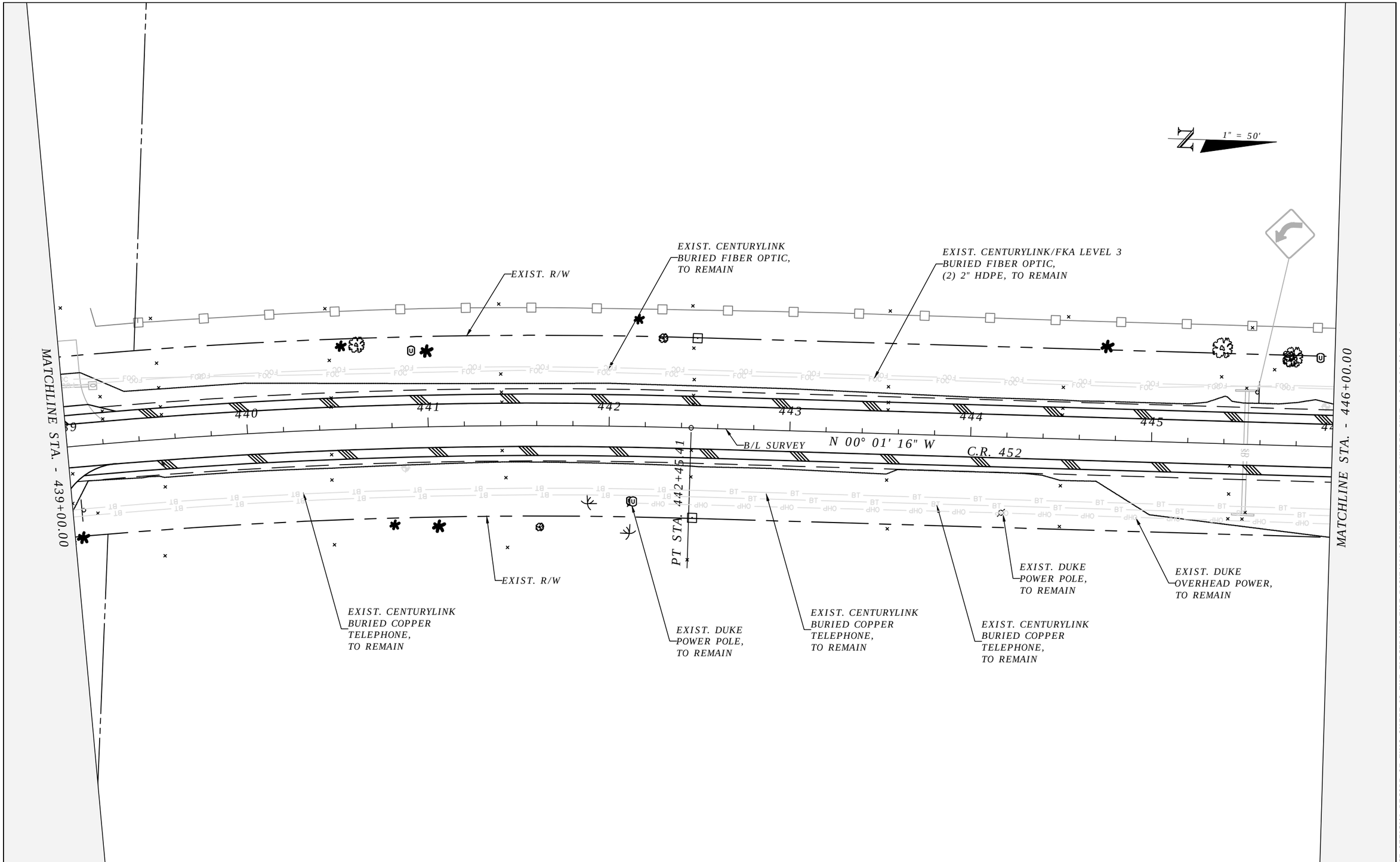

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LAKE COUNTY, FL
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315 WEST MAIN STREET
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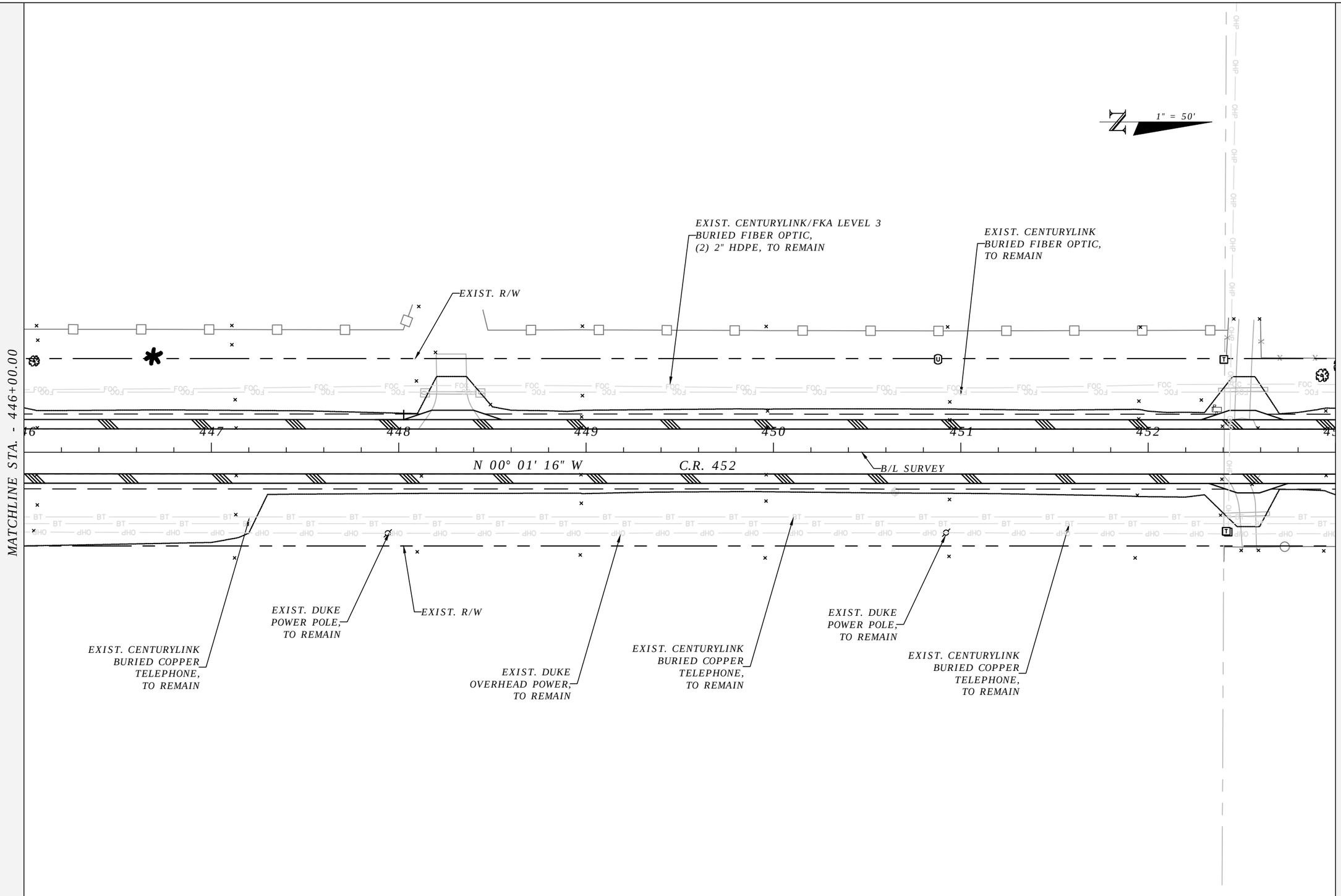
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (29)

SHEET NO.
198

Bublitz, Brad 2/3/2021 8:02:59 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD09.dwg



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LAKE COUNTY, FL
REAL FLORIDA - REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (30)

SHEET NO.
199

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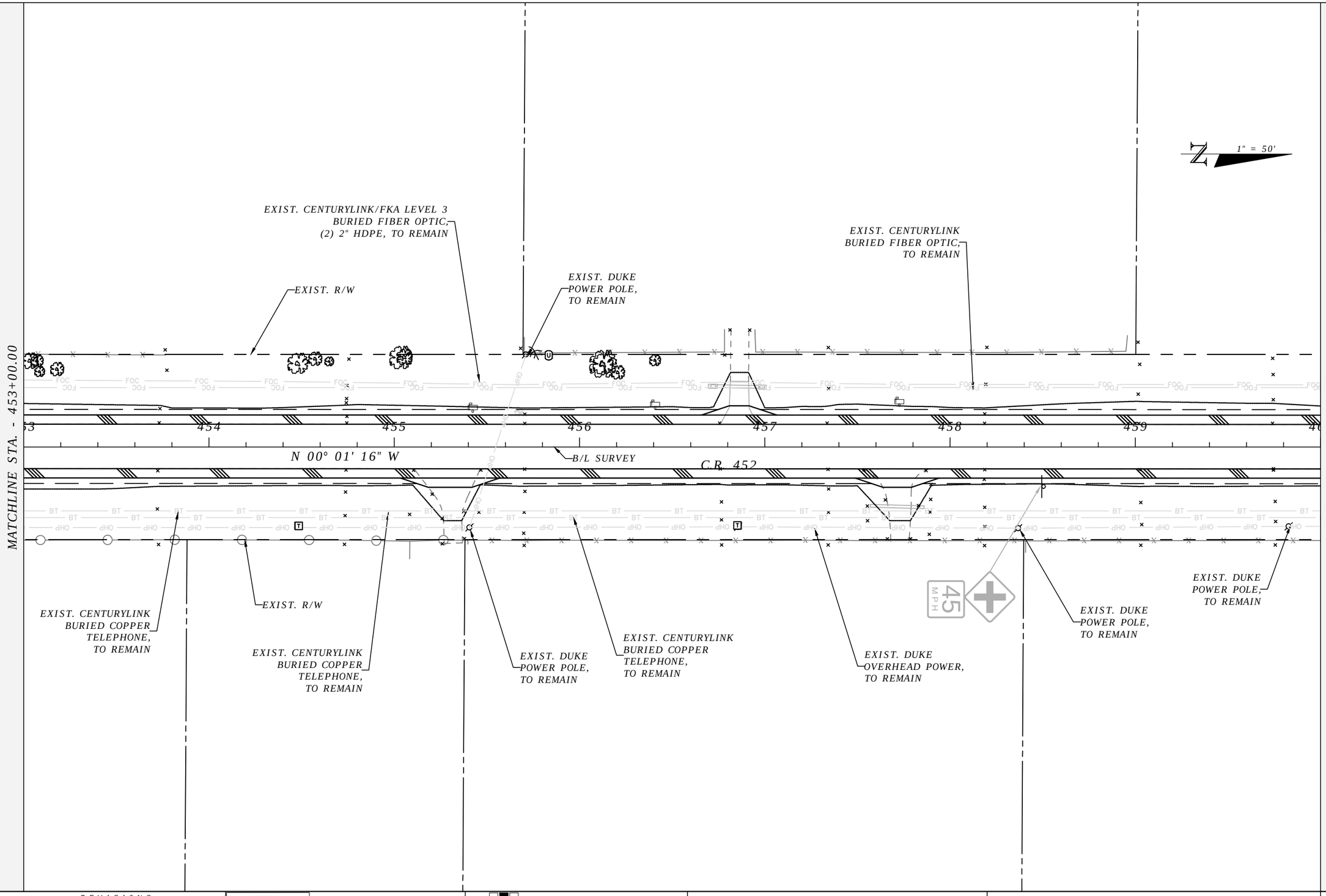

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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (31)

SHEET NO.
200

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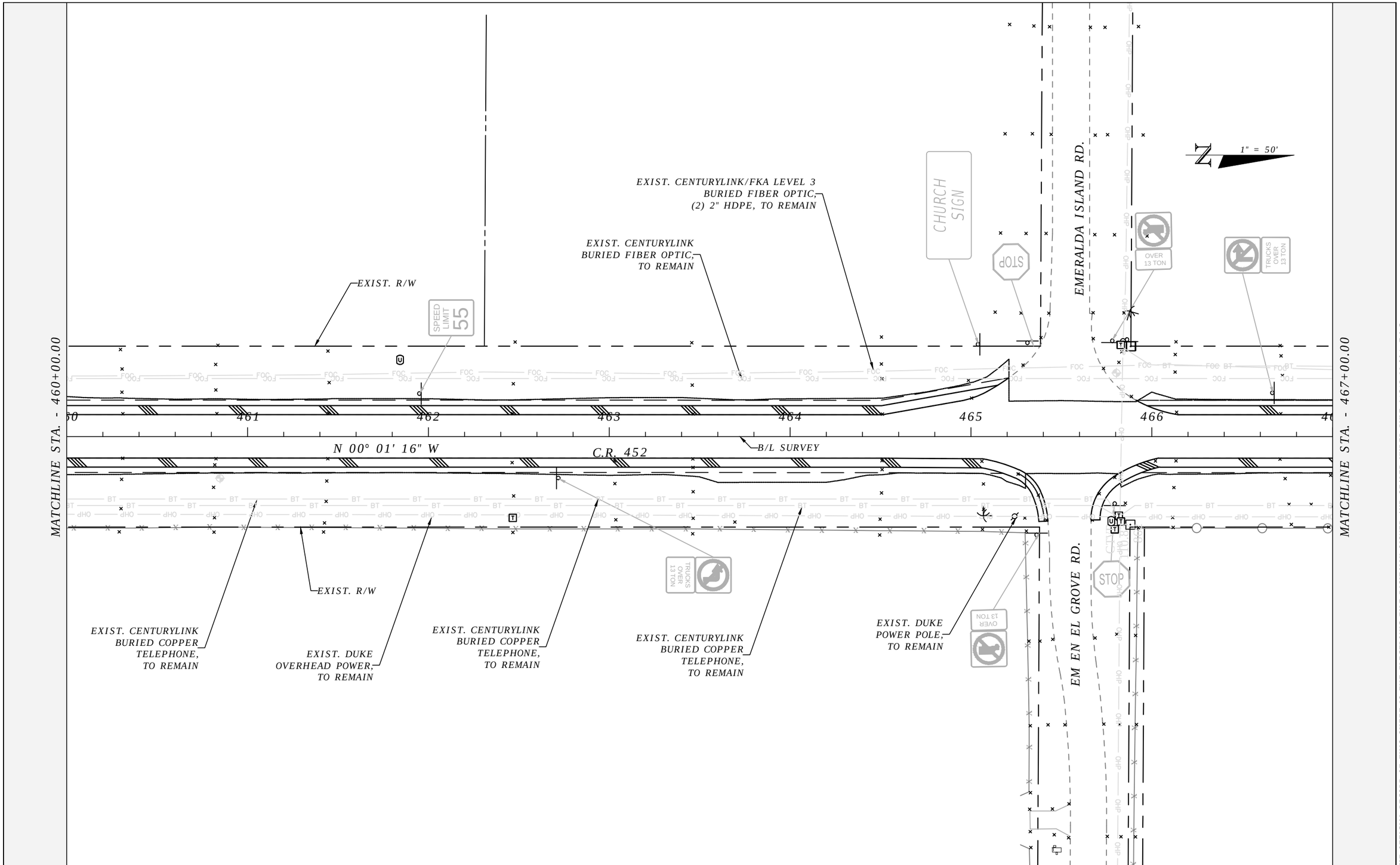

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DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

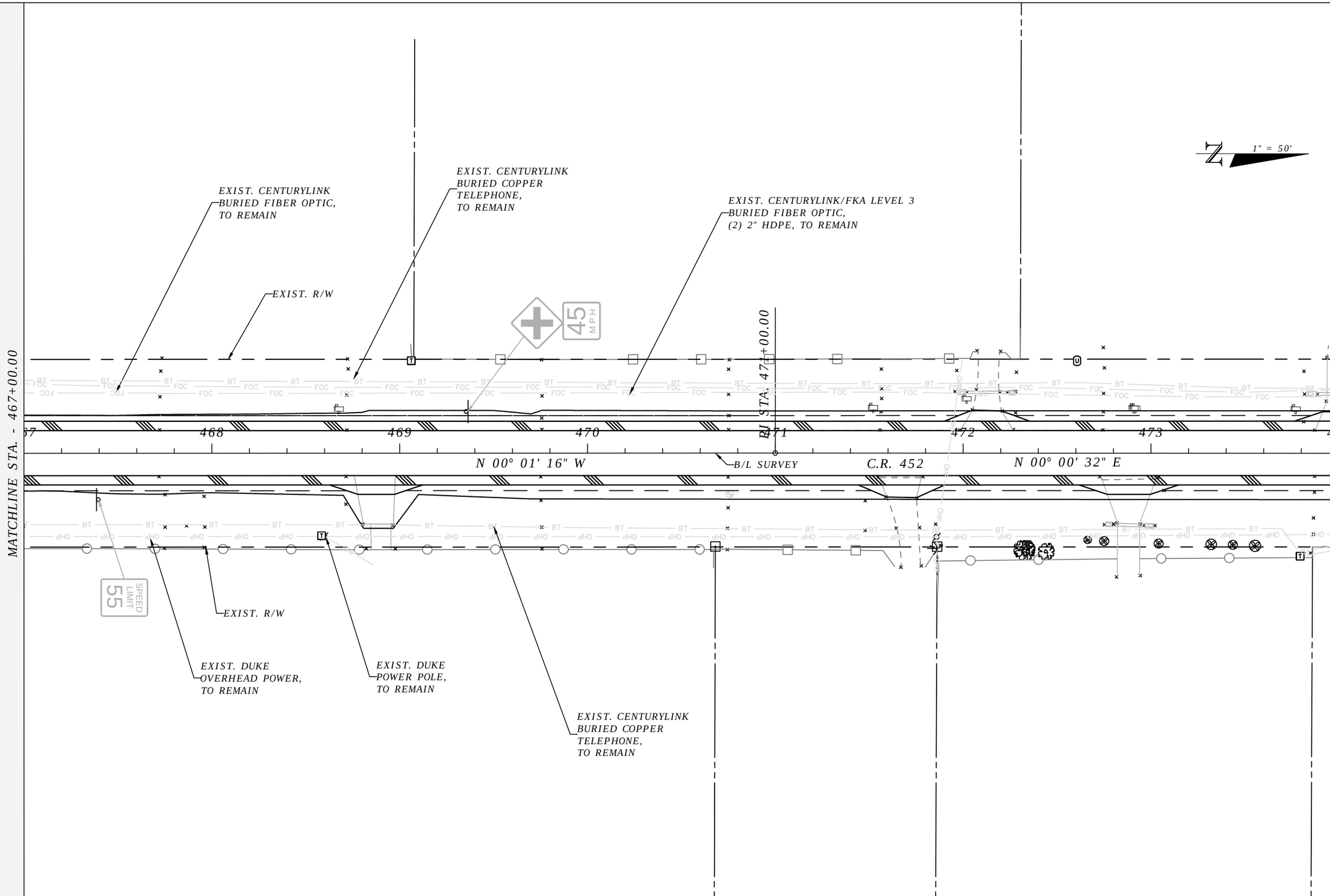
COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (32)

SHEET NO.
201

Bublitz, Brad 2/3/2021 8:04:20 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD09.dwg



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LAKE COUNTY, FL
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LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (33)

SHEET NO.
202

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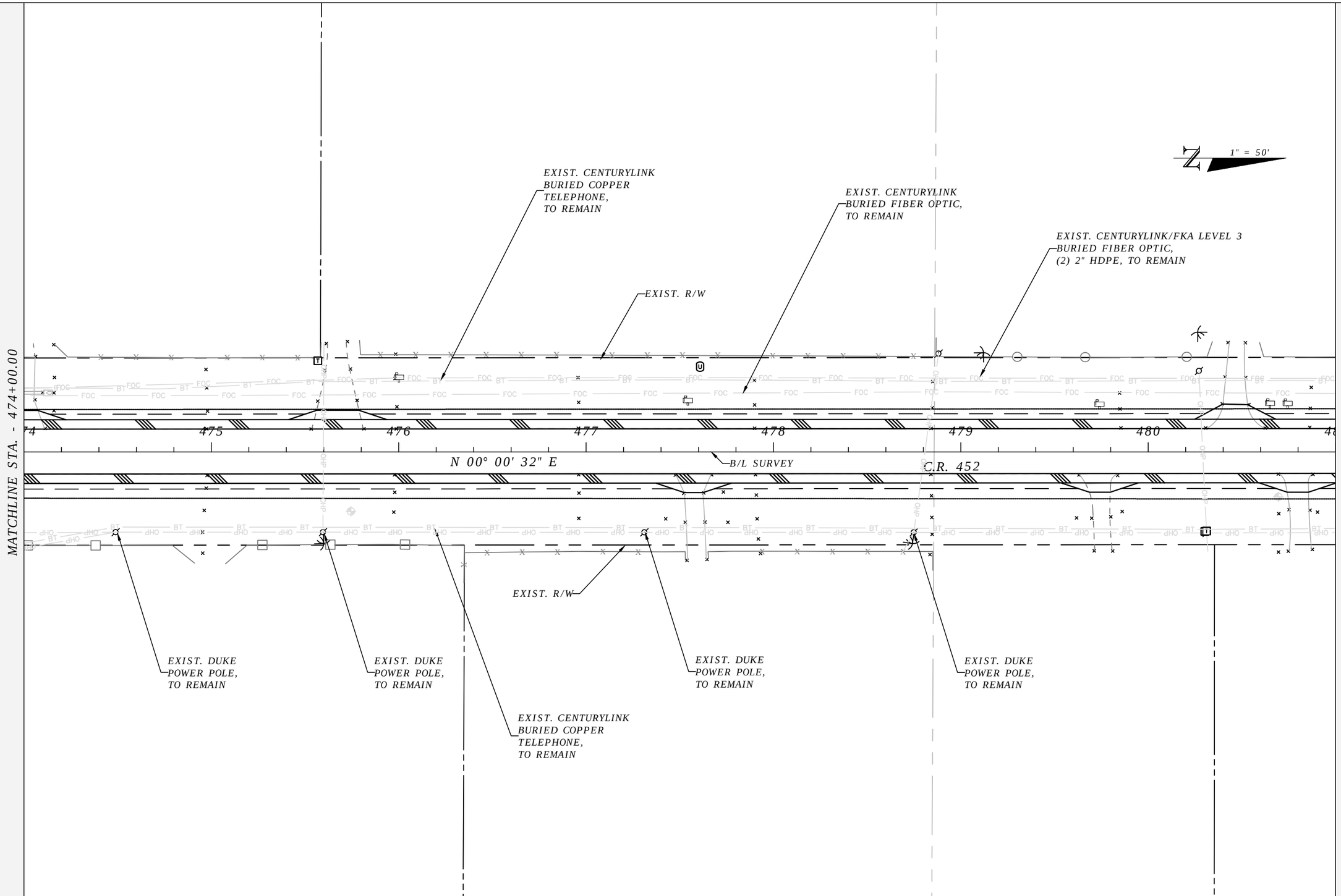

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LAKE COUNTY, FL
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315 WEST MAIN STREET
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BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (34)

SHEET NO.
203

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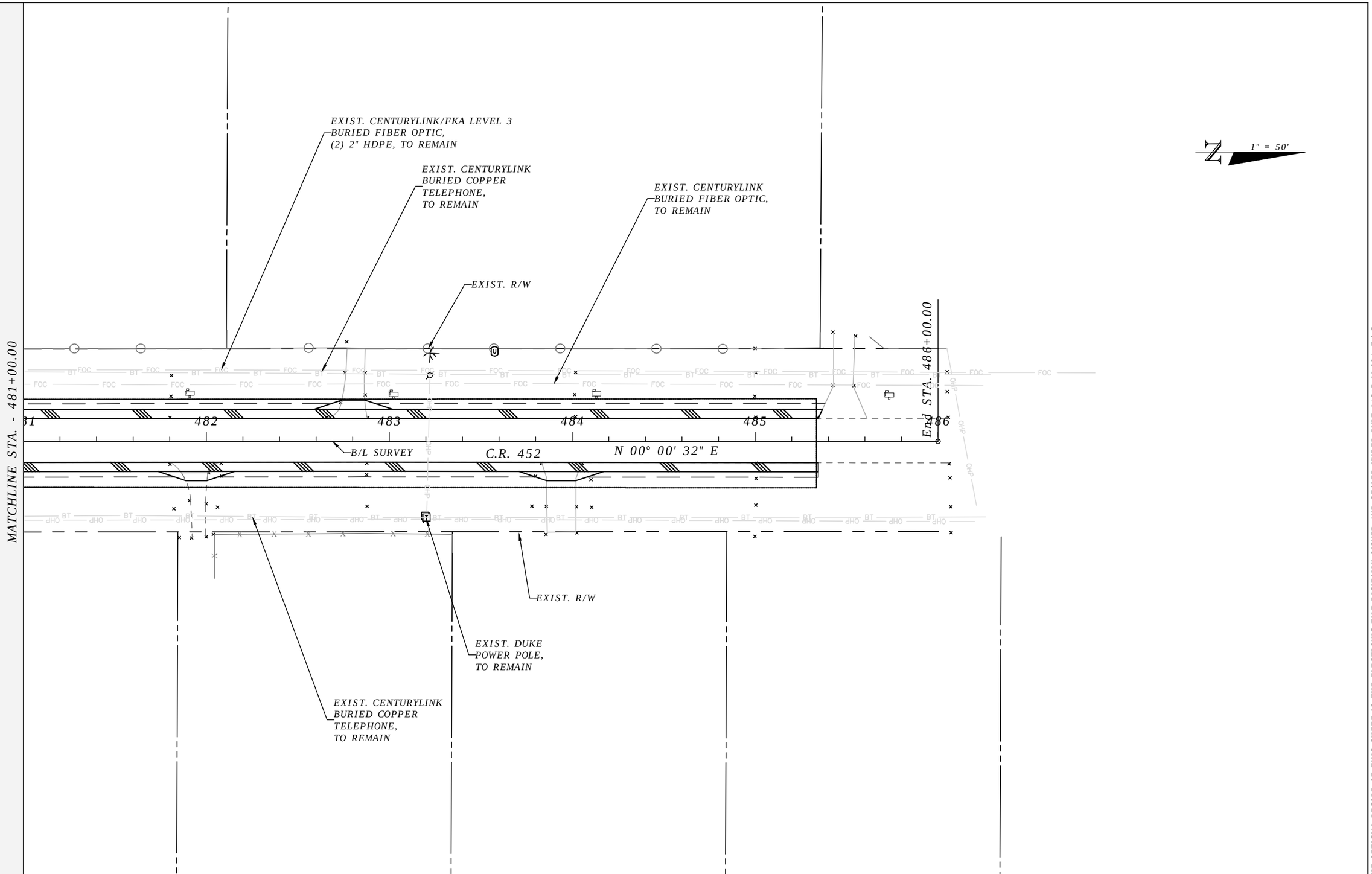

REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BESH|HALFF
DUANE K. BOOTH, P.E.
P.E. LICENSE NUMBER 44631
902 NORTH SINCLAIR AVE.
TAVARES, FL 32778
CERTIFICATE OF AUTHORIZATION 33380

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

UTILITY ADJUSTMENT PLAN (35)

SHEET NO.
204

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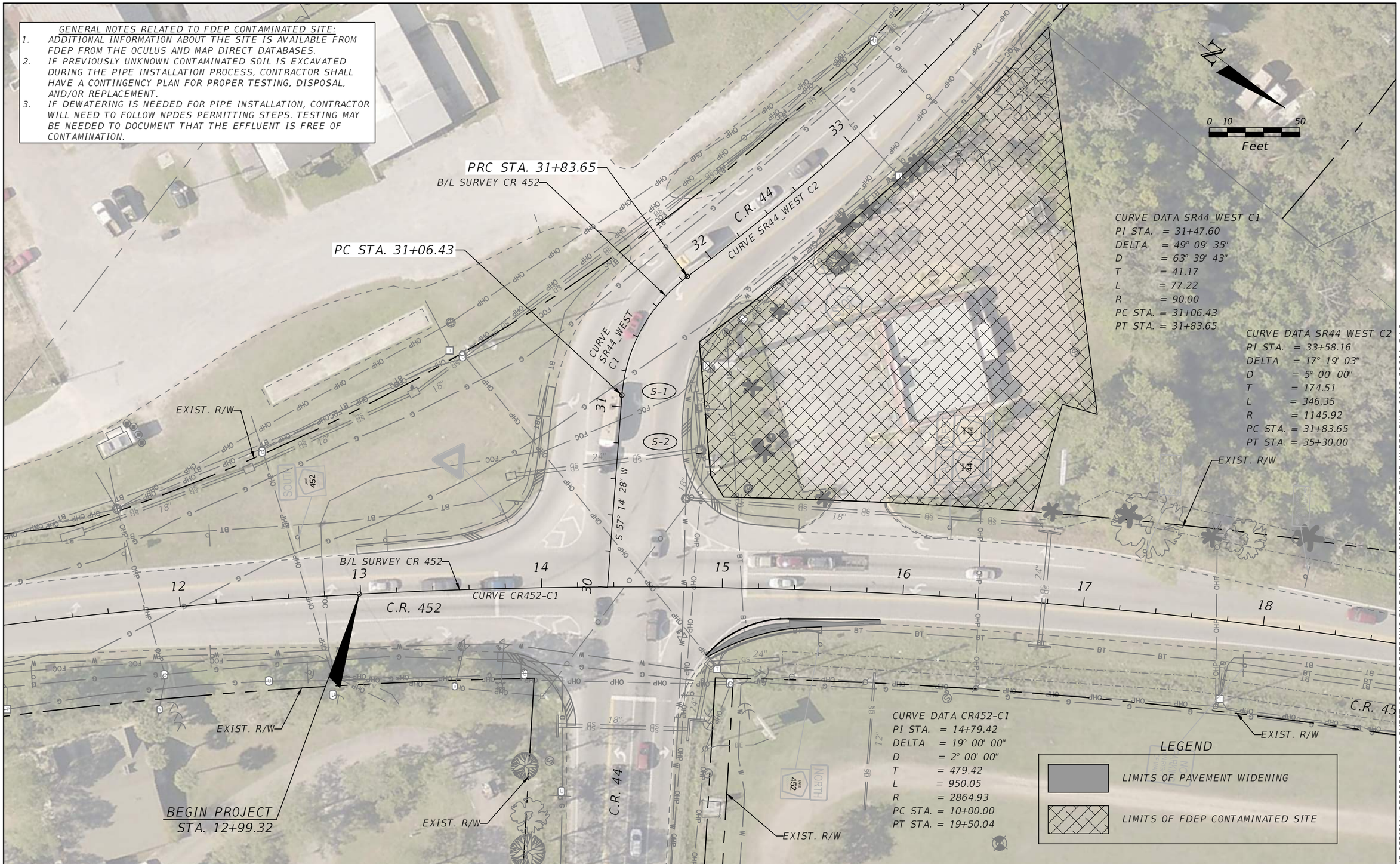
Bublitz, Brad 2/3/2021 8:11:54 AM S:\(00)LAKE\191068.0000 CR 452 Improvements\Civil\UTADRD09.dwg

GENERAL NOTES RELATED TO FDEP CONTAMINATED SITE:

1. ADDITIONAL INFORMATION ABOUT THE SITE IS AVAILABLE FROM FDEP FROM THE OCULUS AND MAP DIRECT DATABASES.
2. IF PREVIOUSLY UNKNOWN CONTAMINATED SOIL IS EXCAVATED DURING THE PIPE INSTALLATION PROCESS, CONTRACTOR SHALL HAVE A CONTINGENCY PLAN FOR PROPER TESTING, DISPOSAL, AND/OR REPLACEMENT.
3. IF DEWATERING IS NEEDED FOR PIPE INSTALLATION, CONTRACTOR WILL NEED TO FOLLOW NPDES PERMITTING STEPS. TESTING MAY BE NEEDED TO DOCUMENT THAT THE EFFLUENT IS FREE OF CONTAMINATION.



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REVISIONS	
DATE	DESCRIPTION

LAKE COUNTY, FL
REAL FLORIDA · REAL CLOSE

LAKE COUNTY
315 WEST MAIN STREET
TAVARES, FL 32778

BURGESS & NIPLE
JOHN DEE, P.E.
P.E. LICENSE NUMBER 60053
1800 PEMBROOK DRIVE, SUITE 265
ORLANDO, FL 32810
CERTIFICATE OF AUTHORIZATION 9853

COUNTY ROAD 452
FROM CR 44 TO THE LAKE-MARION COUNTY LINE

FPID NO. 443511-1-58-01

POTENTIAL CONTAMINATION AREA

SHEET NO.
205

John Hutchison 2/2/2021 9:20:48 PM \\BNCFS06\Projects\PR58498\44351113801\roadway\CONTAMINATION_PLAN.dwg