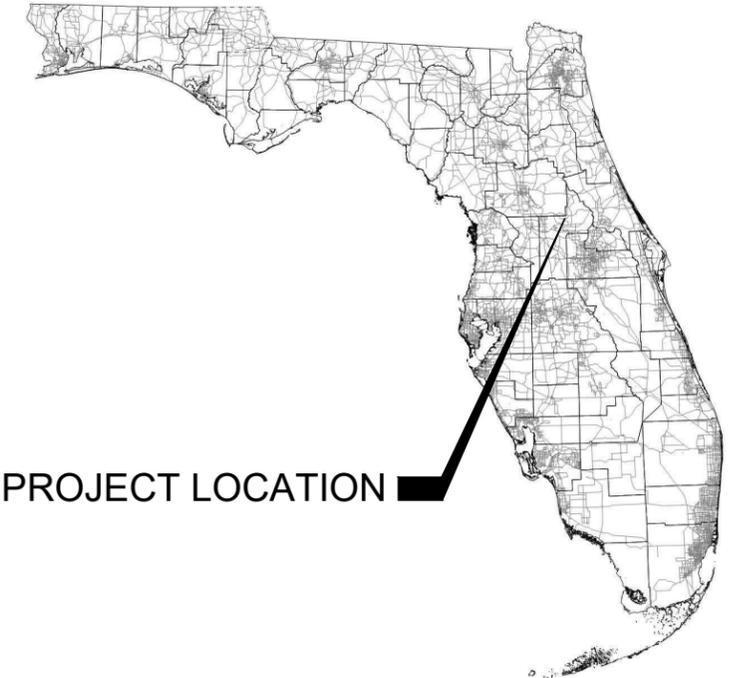


LAKE COUNTY BOARD OF COUNTY COMMISSIONERS PUBLIC WORKS DEPARTMENT

CONTRACT PLANS FOR

NORTH LAKE TRAIL SEGMENT IIIA

SECTION D 1&12, TOWNSHIP 18 SOUTH, RANGE 26 EAST; SECTION 6,
TOWNSHIP 18 SOUTH, RANGE 27 EAST; SECTION 31, TOWNSHIP 17 SOUTH,
RANGE 27 EAST



PROJECT LOCATION

PROJECT NUMBER: 215811267

AUGUST 9, 2024

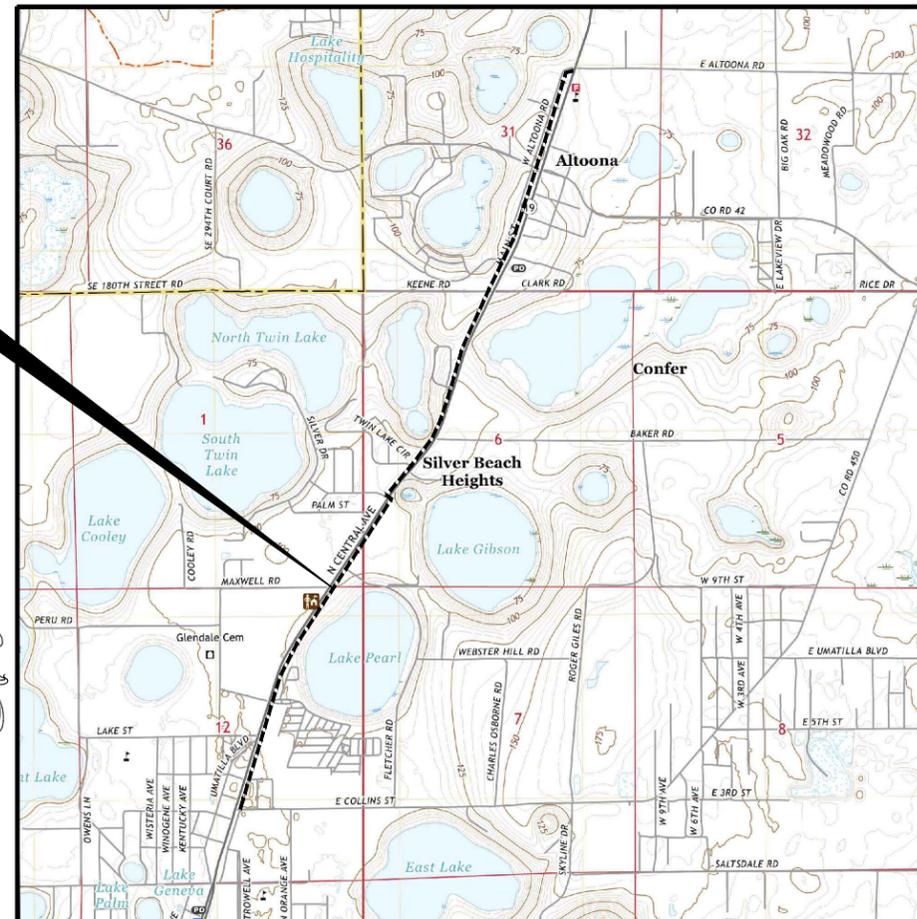
GOVERNING DESIGN STANDARDS:

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, 2024-25 EDITION.

GOVERNING DESIGN STANDARDS:

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2024-25 EDITION

PROJECT LOCATION

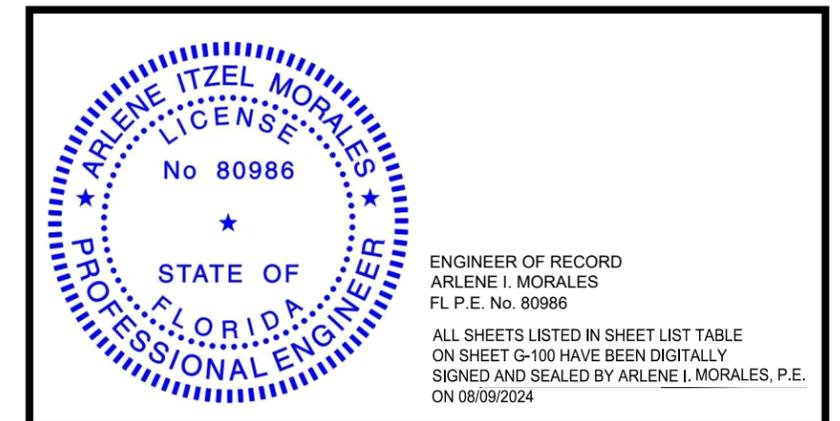


SCALE: 1" = 500'

COMMISSIONERS:

- DISTRICT 1 - DOUGLAS B. SHIELDS
- DISTRICT 2 - SEAN M. PARKS
- DISTRICT 3 - KIRBY SMITH
- DISTRICT 4 - LESLIE CAMPIONE
- DISTRICT 5 - JOSH BLAKE

CERTIFICATIONS



ENGINEER OF RECORD
ARLENE I. MORALES
FL P.E. No. 80986

ALL SHEETS LISTED IN SHEET LIST TABLE
ON SHEET G-100 HAVE BEEN DIGITALLY
SIGNED AND SEALED BY ARLENE I. MORALES, P.E.
ON 08/09/2024



Stantec Consulting Services Inc.

2316 KILLEARN CENTER DRIVE, SUITE 102
TALLAHASSEE, FL 32309

EXISTING LEGEND	
EXISTING SYMBOLS	
	AIR CONDITIONER
	BENCH
	BOLLARD
	CABLE TV JUNCTION BOX
	CLEAN OUT
	DELINEATOR POST
	ELECTRICAL JUNCTION BOX
	ELECTRICAL OUTLET
	ELECTRICAL TRANSFORMER
	FIRE HYDRANT
	FLAG POLE
	FLOOD LIGHT
	GUY POLE
	GUY WIRE
	LIGHT POLE
	MAIL BOX
	MANHOLE (COMMUNICATIONS)
	MANHOLE (DRAINAGE)
	MANHOLE (ELECTRICAL)
	MANHOLE (SANITARY)
	MANHOLE (TELEPHONE)
	MANHOLE (UNKNOWN)
	METER (ELECTRIC)
	METER (GAS)
	METER (WATER)
	MONITOR WELL
	PEDESTRIAN SIGNAL
	PILLAR OR COLUMN
	POST
	POWER POLE
	PUMP
	SATELLITE DISH
	SIGN
	SIGNAL CONTROL CABINET
	SIGNAL MAST ARM
	SIGNAL PEDESTAL
	SIGNAL SPAN WIRE POLE
	SOIL BORING
	SPRINKLER HEAD

EXISTING LEGEND	
EXISTING SYMBOLS	
	TELEPHONE CABINET
	TELEPHONE PEDESTAL
	UTILITY MARKER (CABLE TV)
	UTILITY MARKER (ELECTRICAL)
	UTILITY MARKER (FIBER OPTIC)
	UTILITY MARKER (GAS)
	UTILITY MARKER (RECLAIM)
	UTILITY MARKER (TELEPHONE)
	UTILITY MARKER (WATER)
	VALVE (BACKFLOW PREVENTER)
	VALVE (GAS)
	VALVE (RECLAIM)
	VALVE (SANITARY)
	VALVE (UNKNOWN)
	VALVE (WATER)
	VAULT (CABLE TV)
	VAULT (COMMUNICATIONS)
	VAULT (ELECTRICAL)
	VAULT (TELEPHONE)
	VAULT (TRAFFIC SIGNAL)
	WATER FAUCET
	WELL

EXISTING TREE LEGEND	
	BUSH
	CEDAR TREE
	CHERRY TREE
	CHINABERRY TREE
	CAMPHOR TREE
	CITRUS TREE
	CYPRESS TREE
	EAR TREE
	MAGNOLIA TREE
	CREPE MYRTLE TREE
	NON-SPECIFIC TREE
	OAK TREE
	PALM TREE
	PINE TREE
	SYCAMORE TREE

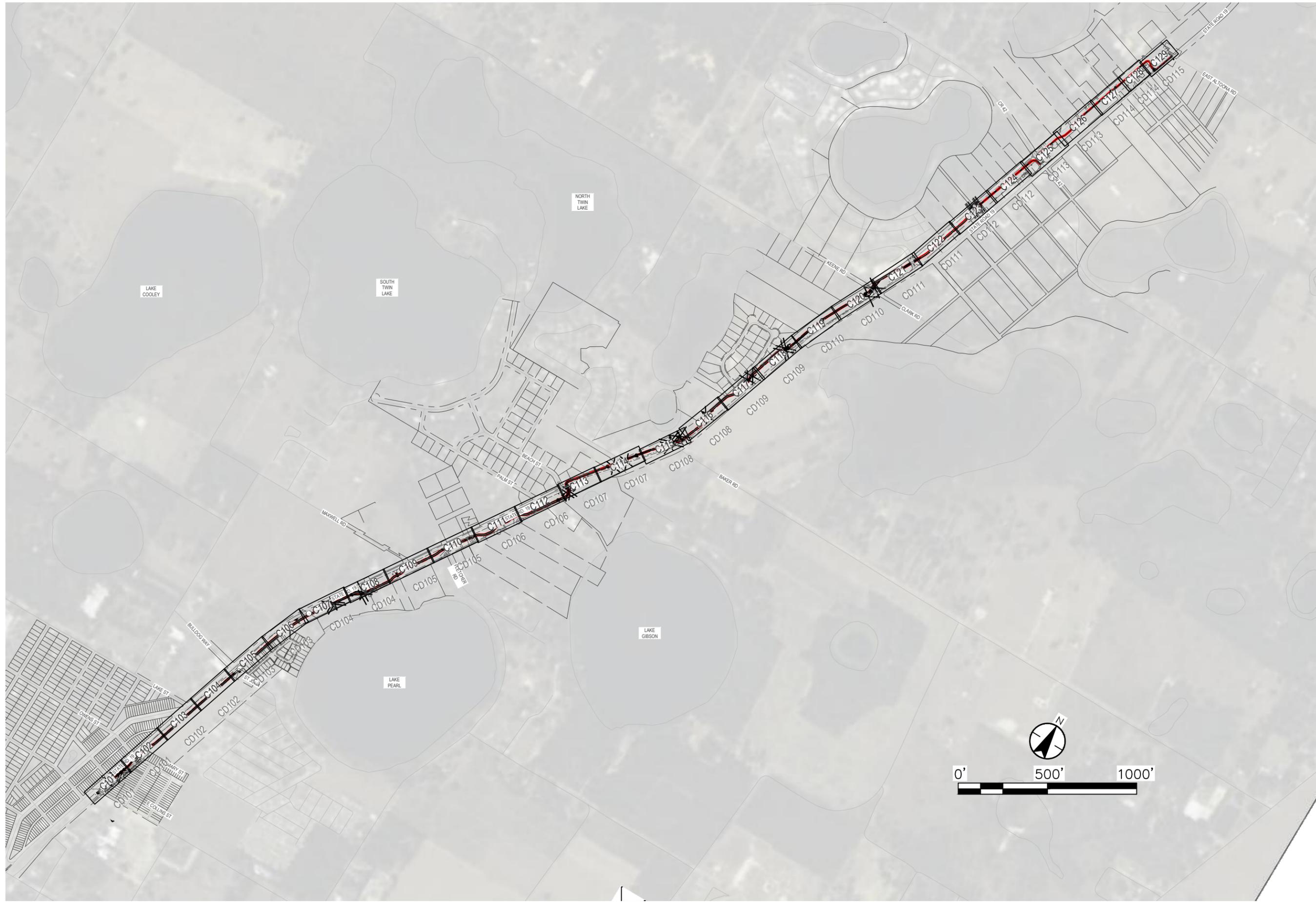
ABBREVIATIONS	
ACP	ASBESTOS CEMENT PIPE
ALUM	ALUMINUM
ALT	ALTERNATE
APPROX	APPROXIMATE
BLDG	BUILDING
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC	CONCRETE
CU FT	CUBIC FOOT
CU IN	CUBIC INCH
CU YD	CUBIC YARD
DIA/Ø	DIAMETER
DIP	DUCTILE IRON PIPE
DN	DOWN
DWG	DRAWING
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
EX	EXISTING
FH	FIRE HYDRANT
FT	FOOT/FEET
GALV	GALVANIZED
GB	GRADE BREAK
GV	GATE VALVE
HDG	HOT DIPPED GALVANIZED
HDPE	HIGH DENSITY POLYETHYLENE
HOR, H	HORIZONTAL
ID	INSIDE DIAMETER
IN	INCH
INV EL	INVERT ELEVATION
LF	LINEAR FEET
MAX	MAXIMUM
MEG	MEET EXISTING GRADE
MES	MITERED END SECTION
MIN	MINIMUM
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
O/H	OVER HEAD
PC	PORTLAND CEMENT
PCF	POUNDS PER CUBIC FOOT
PE	PROFESSIONAL ENGINEER
PERP	PERPENDICULAR
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
SCH	SCHEDULE
SPEC	SPECIFICATION
SQ	SQUARE
SQ FT	SQUARE FOOT
SQ IN	SQUARE INCH
SQ YD	SQUARE YARD
SS	STAINLESS STEEL
STL	STEEL
TBM	TEMPORARY BENCHMARK
TCP	TERRA COTTA PIPE
TEL	TELEPHONE
THK	THICK, THICKNESS
TOB	TOP OF BANK
TOC	TOP OF CURB
TOS	TOP OF SIDEWALK / TOE OF SLOPE
TYP	TYPICAL
UE	UNDERGROUND ELECTRIC
UG	UNDER GROUND
US	UPSTREAM
VB	VALVE BOX
VCP	VITRIFIED CLAY PIPE
VERT, V	VERTICAL
W	WATER
WM	WATER METER
WP	WATERPROOF
WWF	WELDED WIRE FABRIC
YD	YARD

CIVIL LEGEND	
DEMOLITION & EROSION CONTROL	
	DEMOLITION AREA
	LIMITS OF CLEARING AND GRUBBING
	LINEAR DEMOLITION
	SILT FENCE
	DEMOLISH ITEM
CIVIL SITE WORK	
	PROPOSED ASPHALT PAVING
	PROPOSED CONCRETE PAVING
GRADING & DRAINAGE	
	EXISTING CONTOURS
	PROPOSED CONTOURS
	PROPOSED SPOT ELEVATION
	MATCH EXISTING GROUND ELEVATION
	PROPOSED STORM DRAIN
	PROPOSED FDOT TYPE C DITCH BOTTOM INLET
	PROPOSED MITERED END SECTION
	PROPOSED DETECTABLE WARNINGS
	PROPOSED SOIL BORING LOCATION

SHEET LIST TABLE	
Sheet Number	Sheet Title
G001	COVER SHEET
G-100	LEGEND, ABBREVIATIONS, & INDEX OF SHEETS
G-101	PROJECT LAYOUT
G-102	BASELINE ALIGNMENT TABLE
G-103	GENERAL NOTES
CD101	DEMOLITION & EROSION CONTROL PLAN
CD102	DEMOLITION & EROSION CONTROL PLAN
CD103	DEMOLITION & EROSION CONTROL PLAN
CD104	DEMOLITION & EROSION CONTROL PLAN
CD105	DEMOLITION & EROSION CONTROL PLAN
CD106	DEMOLITION & EROSION CONTROL PLAN
CD107	DEMOLITION & EROSION CONTROL PLAN
CD108	DEMOLITION & EROSION CONTROL PLAN
CD109	DEMOLITION & EROSION CONTROL PLAN
CD110	DEMOLITION & EROSION CONTROL PLAN
CD111	DEMOLITION & EROSION CONTROL PLAN
CD112	DEMOLITION & EROSION CONTROL PLAN
CD113	DEMOLITION & EROSION CONTROL PLAN
CD114	DEMOLITION & EROSION CONTROL PLAN
CD115	DEMOLITION & EROSION CONTROL PLAN
CD501	DEMOLITION & EROSION CONTROL DETAILS
C-101	TRAIL PLAN & PROFILE STA. 10+00 TO STA. 15+00
C-102	TRAIL PLAN & PROFILE STA. 15+00 TO STA. 20+50
C-103	TRAIL PLAN & PROFILE STA. 20+50 TO STA. 25+50
C-104	TRAIL PLAN & PROFILE STA. 25+50 TO STA. 30+50
C-105	TRAIL PLAN & PROFILE STA. 30+50 TO STA. 36+00
C-106	TRAIL PLAN & PROFILE STA. 36+00 TO STA. 41+00
C-107	TRAIL PLAN & PROFILE STA. 41+00 TO STA. 46+50
C-108	TRAIL PLAN & PROFILE STA. 46+50 TO STA. 51+50
C-109	TRAIL PLAN & PROFILE STA. 51+50 TO STA. 57+00
C-110	TRAIL PLAN & PROFILE STA. 57+00 TO STA. 62+50
C-111	TRAIL PLAN & PROFILE STA. 62+50 TO STA. 68+00
C-112	TRAIL PLAN & PROFILE STA. 68+00 TO STA. 73+50
C-113	TRAIL PLAN & PROFILE STA. 73+50 TO STA. 79+00
C-114	TRAIL PLAN & PROFILE STA. 79+00 TO STA. 84+50
C-115	TRAIL PLAN & PROFILE STA. 84+50 TO STA. 90+00
C-116	TRAIL PLAN & PROFILE STA. 90+00 TO STA. 95+50
C-117	TRAIL PLAN & PROFILE STA. 95+50 TO STA. 101+00
C-118	TRAIL PLAN & PROFILE STA. 101+00 TO STA. 106+50
C-119	TRAIL PLAN & PROFILE STA. 106+50 TO STA. 112+00
C-120	TRAIL PLAN & PROFILE STA. 112+00 TO STA. 117+50
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C-122	TRAIL PLAN & PROFILE STA. 123+00 TO STA. 128+50
C-123	TRAIL PLAN & PROFILE STA. 128+50 TO STA. 134+00
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C-128	TRAIL PLAN & PROFILE STA. 162+50 TO STA. 165+50
C-129	TRAIL PLAN & PROFILE STA. 165+50 TO STA. 170+50
C-201	ENLARGED VIEWS
C-202	ENLARGED VIEWS

SHEET LIST TABLE	
Sheet Number	Sheet Title
C-301	CROSS-SECTIONS
C-302	CROSS-SECTIONS
C-303	CROSS-SECTIONS
C-304	CROSS-SECTIONS
C-305	CROSS-SECTIONS
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C-313	CROSS-SECTIONS
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C-508	SITE DETAILS
C-601	DRAINAGE STRUCTURE & PIPE TABLES

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	
		DATE	
NORTH LAKE TRAIL SEGMENT III - A LEGEND, ABBREVIATIONS, & INDEX OF SHEETS		REVISION:	DATE
		S. - 6	T. - 18S
SURVEYED: N.A. DATE: 07/07/24 FIELD BOOK: N.A. PAGE: N.A. DESIGNED: CSM DATE: 08/07/24 DRAWN: CDH DATE: 04/01/24 APPROVED: AIM DATE: 08/09/24		JOB NO.: 215811267 SHEET: G-100	
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778			



JOB NO: 215811267		S. - 6		T. - 18S	R. - 27E	REVISION:	DATE
SHEET: G-101		SURVEYED: N.A.		DATE: 07/07/24	FIELD BOOK: N.A.		
		DESIGNED: CSM		DATE: 08/07/24	DRAWN: CDH		
		APPROVED: AIM		DATE: 08/09/24			

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

SIGNATURE	DATE
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NORTH LAKE TRAIL
SEGMENT III-A
PROJECT LAYOUT

NORTH LAKE TRAIL SEGMENT 3A (South of CR42)					
Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
L100		37.92	N16° 36' 00.58"E	10+00.00	10+37.92
L101		18.86	N1° 04' 28.18"E	10+37.92	10+56.78
L102		10.76	N23° 15' 46.50"W	10+56.78	10+67.54
L103		460.45	N18° 37' 07.91"E	10+67.54	15+27.99
C100	142.00	53.91	N7° 44' 31.65"E	15+27.99	15+81.90
C101	145.00	52.42	N7° 13' 18.01"E	15+81.90	16+34.32
L104		69.01	N17° 34' 40.57"E	16+34.32	17+03.33
C102	105.00	23.15	N23° 03' 35.96"E	17+03.33	17+26.48
C103	80.00	20.73	N22° 47' 10.10"E	17+26.48	17+47.21
L105		64.96	N15° 21' 48.86"E	17+47.21	18+12.17
C104	120.00	58.72	N29° 22' 53.92"E	18+12.17	18+70.89
C105	150.00	67.08	N30° 35' 21.54"E	18+70.89	19+37.96
L106		1672.33	N17° 46' 44.09"E	19+37.96	36+10.29
C106	1000.00	45.58	N19° 05' 04.62"E	36+10.29	36+55.87
L107		59.10	N20° 23' 25.14"E	36+55.87	37+14.97
C107	1000.00	44.31	N21° 39' 34.87"E	37+14.97	37+59.28
L108		207.00	N22° 55' 44.59"E	37+59.28	39+66.28
C108	250.00	16.24	N24° 47' 25.48"E	39+66.28	39+82.52
L109		132.42	N26° 39' 06.38"E	39+82.52	41+14.94
C109	250.00	30.35	N30° 07' 46.69"E	41+14.94	41+45.29
L110		585.94	N33° 36' 27.01"E	41+45.29	47+31.23
C110	100.00	46.14	N46° 49' 31.67"E	47+31.23	47+77.37
L111		58.21	N60° 02' 36.34"E	47+77.37	48+35.59

NORTH LAKE TRAIL SEGMENT 3A (South of CR42)					
Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
C111	86.00	39.49	N46° 53' 19.96"E	48+35.59	48+75.08
L112		276.75	N33° 44' 03.57"E	48+75.08	51+51.83
C112	93.00	45.10	N19° 50' 27.54"E	51+51.83	51+96.93
C113	93.00	44.90	N19° 46' 39.29"E	51+96.93	52+41.83
L113		62.29	N33° 36' 27.05"E	52+41.83	53+04.12
C114	93.00	37.24	N22° 08' 09.80"E	53+04.12	53+41.36
L114		20.54	N10° 39' 52.55"E	53+41.36	53+61.90
C115	93.00	37.24	N22° 08' 09.81"E	53+61.90	53+99.14
L115		341.70	N33° 36' 27.06"E	53+99.14	57+40.84
C116	205.00	56.59	N25° 41' 56.07"E	57+40.84	57+97.43
C117	184.00	50.79	N25° 41' 54.80"E	57+97.43	58+48.23
L116		72.74	N33° 36' 24.53"E	58+48.23	59+20.96
L117		8.50	N33° 36' 24.53"E	59+20.96	59+29.46
C118	200.00	36.51	N38° 50' 09.57"E	59+29.46	59+65.97
L118		7.39	N44° 03' 54.62"E	59+65.97	59+73.36
L119		7.41	N44° 03' 54.62"E	59+73.36	59+80.77
C119	200.00	32.01	N39° 28' 50.18"E	59+80.77	60+12.77
L120		8.57	N34° 53' 45.73"E	60+12.77	60+21.34
L121		124.66	N34° 53' 45.73"E	60+21.34	61+46.00
L122		107.72	N34° 53' 45.73"E	61+46.00	62+53.72
C120	100.00	41.48	N46° 46' 42.89"E	62+53.72	62+95.20
L123		47.22	N58° 39' 40.06"E	62+95.20	63+42.42
C121	93.00	37.42	N47° 07' 59.62"E	63+42.42	63+79.84

NORTH LAKE TRAIL SEGMENT 3A (South of CR42)					
Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
L124		48.72	N35° 36' 19.18"E	63+79.84	64+28.56
C122	93.00	37.80	N23° 57' 37.14"E	64+28.56	64+66.36
L125		47.44	N12° 18' 55.11"E	64+66.36	65+13.81
C123	93.00	35.79	N23° 20' 22.00"E	65+13.81	65+49.59
L126		109.23	N34° 21' 48.89"E	65+49.59	66+58.83
C124	93.00	33.16	N24° 08' 52.58"E	66+58.83	66+91.99
C125	93.00	31.94	N23° 46' 19.54"E	66+91.99	67+23.93
L127		70.36	N33° 36' 42.79"E	67+23.93	67+94.30
C126	100.00	57.84	N50° 10' 58.53"E	67+94.30	68+52.14
C127	120.00	67.73	N50° 35' 05.42"E	68+52.14	69+19.87
L128		451.95	N34° 24' 56.57"E	69+19.87	73+71.82
C128	65.00	99.24	N9° 19' 18.04"W	73+71.82	74+71.06
L129		55.03	N53° 03' 32.65"W	74+71.06	75+26.09
C129	23.00	28.97	N16° 58' 12.08"W	75+26.09	75+55.07
C130	93.00	31.36	N28° 46' 45.47"E	75+55.07	75+86.43
L130		284.81	N38° 26' 22.46"E	75+86.43	78+71.23
L131		237.82	N38° 26' 22.46"E	78+71.23	81+09.05
C131	75.00	22.13	N46° 53' 37.85"E	81+09.05	81+31.19
L132		7.69	N55° 20' 53.24"E	81+31.19	81+38.87
C132	75.00	21.35	N47° 11' 37.22"E	81+38.87	81+60.22
L133		75.33	N39° 02' 21.19"E	81+60.22	82+35.56
C133	75.00	21.35	N30° 53' 05.16"E	82+35.56	82+56.90
L134		23.87	N22° 43' 49.13"E	82+56.90	82+80.78

NORTH LAKE TRAIL SEGMENT 3A (North of CR42)					
Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
L218		17.45	N6° 02' 09.11"E	150+00.00	150+17.45
L219		228.79	N18° 21' 09.02"E	150+17.45	152+46.23
C211	200.00	73.94	N28° 56' 38.79"E	152+46.23	153+20.18
L212		24.55	N39° 32' 08.55"E	153+20.18	153+44.72
C208	125.00	45.67	N29° 04' 05.27"E	153+44.72	153+90.40
L223		59.55	N18° 36' 02.00"E	153+90.40	154+49.95
C214	100.00	51.28	N3° 54' 36.91"E	154+49.95	155+01.23
L213		12.88	N10° 46' 48.18"W	155+01.23	155+14.11
C215	100.00	51.08	N3° 51' 13.70"E	155+14.11	155+65.19
L220		35.90	N18° 29' 15.58"E	155+65.19	156+01.09
C216	100.00	19.31	N12° 57' 21.43"E	156+01.09	156+20.40
L221		15.87	N7° 25' 27.29"E	156+20.40	156+36.28
C217	100.00	19.31	N12° 57' 21.43"E	156+36.28	156+55.59
L222		437.36	N18° 29' 15.58"E	156+55.59	160+92.95
C209	163.00	31.33	N23° 59' 41.51"E	160+92.95	161+24.28
C210	155.00	30.16	N23° 55' 38.23"E	161+24.28	161+54.44
L214		449.88	N18° 21' 09.04"E	161+54.44	166+04.32
C212	31.00	74.04	N86° 46' 31.72"E	166+04.32	166+78.37
C213	29.10	23.79	S48° 13' 36.73"E	166+78.37	167+02.16
L215		65.64	S71° 39' 07.86"E	167+02.16	167+67.80
L217		249.38	N18° 57' 04.10"E	167+67.80	170+17.18
L216		6.97	N18° 57' 04.10"E	170+17.18	170+24.15

NORTH LAKE TRAIL SEGMENT 3A (South of CR42)					
Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
C134	75.00	20.78	N30° 40' 10.01"E	82+80.78	83+01.56
L135		206.28	N38° 36' 30.90"E	83+01.56	85+07.84
C135	2000.00	121.62	N40° 21' 02.42"E	85+07.84	86+29.46
L136		17.07	N42° 05' 33.93"E	86+29.46	86+46.54
C136	1500.00	157.03	N39° 05' 37.32"E	86+46.54	88+03.57
L137		17.88	N36° 05' 40.70"E	88+03.57	88+21.45
C137	200.00	44.95	N42° 32' 00.50"E	88+21.45	88+66.40
L138		36.91	N48° 58' 20.30"E	88+66.40	89+03.31
C138	100.00	47.76	N35° 17' 28.09"E	89+03.31	89+51.07
L139		223.47	N21° 36' 35.87"E	89+51.07	91+74.54
C139	200.00	72.30	N11° 15' 12.62"E	91+74.54	92+46.84
L140		129.14	N0° 53' 49.36"E	92+46.84	93+75.98
C140	94.23	28.49	N9° 33' 26.08"E	93+75.98	94+04.47
L141		218.43	N18° 13' 02.81"E	94+04.47	96+22.90
C141	93.00	36.62	N29° 29' 50.40"E	96+22.90	96+59.52
L142		76.41	N40° 46' 38.00"E	96+59.52	97+35.92
C142	93.00	36.94	N29° 23' 58.45"E	97+35.92	97+72.86
L143		108.11	N18° 01' 18.90"E	97+72.86	98+80.97
C143	93.00	34.68	N7° 20' 22.30"E	98+80.97	99+15.65
L144		80.20	N3° 20' 34.29"W	99+15.65	99+95.85
C144	93.00	34.68	N7° 20' 22.30"E	99+95.85	100+30.53
L145		382.77	N18° 01' 18.90"E	100+30.53	104+13.30
C145	125.00	71.98	N34° 31' 04.46"E	104+13.30	104+85.28

NORTH LAKE TRAIL SEGMENT 3A (South of CR42)					
Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
C146	125.00	71.80	N34° 33' 27.11"E	104+85.28	105+63.19
L146		222.64	N18° 06' 04.20"E	105+63.19	107+85.83
L147		127.42	N19° 12' 53.14"E	107+85.83	109+13.25
C147	1300.00	182.97	N23° 14' 48.26"E	109+13.25	110+96.21
L148		76.62	N27° 16' 43.37"E	110+96.21	111+72.84
L149		66.96	N25° 53' 27.81"E	111+72.84	112+39.80
C148	1000.00	45.52	N27° 11' 42.55"E	112+39.80	112+85.32
L150		50.39	N28° 29' 57.28"E	112+85.32	113+35.70
L151		80.30	N30° 02' 56.26"E	113+35.70	114+16.00
L152		85.17	N27° 55' 11.64"E	114+16.00	115+01.17
L153		128.28	N31° 11' 43.27"E	115+01.17	116+29.45
C149	67.78	35.86	N16° 02' 23.17"E	116+29.45	116+65.31
L154		83.83	N0° 53' 03.07"E	116+65.31	117+49.14
C150	86.00	40.60	N14° 24' 28.24"E	117+49.14	117+89.74
L155		204.55	N27° 55' 53.41"E	117+89.74	119+94.28
C151	175.00	45.82	N35° 25' 53.77"E	119+94.28	120+40.10
L156		40.74	N42° 55' 54.13"E	120+40.10	120+80.84
C152	175.00	45.81	N35° 25' 54.13"E	120+80.84	121+26.65
L157		278.18	N27° 55' 54.13"E	121+26.65	124+04.84
C153	350.00	57.90	N23° 11' 32.04"E	124+04.84	124+62.74
L158		503.20	N18° 27' 09.96"E	124+62.74	129+65.94
C154	350.00	57.90	N13° 42' 47.88"E	129+65.94	130+23.85
L159		101.62	N8° 58' 25.79"E	130+23.85	131+25.47

NORTH LAKE TRAIL SEGMENT 3A (South of CR42)					
Number	Radius	Length	Line/Chord Direction	Start Sta.	End Sta.
C155	302.00	19.45	N10° 49' 08.42"E	131+25.47	131+44.92
L160		45.23	N12° 39' 51.06"E	131+44.92	131+90.14
L161		30.00	N17° 32' 36.90"E	131+90.14	132+20.14
L162		10.07	N19° 12' 08.86"E	132+20.14	132+30.21
L163		763.44	N19° 12' 08.91"E	132+30.21	139+93.66
C156	57.00	88.31	N63° 35' 05.96"E	139+93.66	140+81.96
L164		27.73	S72° 01' 57.00"E	140+81.96	141+09.70

CONTROL POINT TABLE				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	IRC CP	1673316.3883	443256.4647	99.086
4	IRC CP	1674067.0074	443521.1106	98.912
7	IRC CP	1675054.8451	443815.0083	101.079
10	IRC CP	1675873.1771	444098.5580	

GENERAL NOTES

SURVEY DATA:

- BEARINGS SHOWN ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) WITH THE SOUTH LINE OF THE SOUTHEAST 1/4 OF SECTION 1, TOWNSHIP 18 SOUTH, RANGE 26 EAST, BEARING S00°11'00"WEST.
- THE HORIZONTAL DATUM OF THIS SURVEY IS THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) IN U.S. SURVEY FEET BASED ON ON GLOBAL NAVIGATION SATELLITE SYSTEM TIES TO CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) AS PROCESSED THROUGH THE FLORIDA DEPARTMENT OF TRANSPORTATION'S FLORIDA PERMANENT REFERENCE NETWORK (FPRN). THE EXPECTED HORIZONTAL ACCURACY OF MAPPED FEATURES ARE EXPECTED TO BE LESS THAN 0.07 FEET AT A 95 PERCENT CONFIDENCE LEVEL PLUS A REASONABLE CENTERING ERROR INHERENT TO THE FEATURE BEING MAPPED. THE METHODOLOGY TO DETERMINE SAID ACCURACY WAS AN ERROR PROPAGATION ANALYSIS DONE BY A LEAST SQUARES ADJUSTMENT PROGRAM.
- THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 IN U.S. SURVEY FEET BASED ON BENCHMARKS "D 469" (ELEVATION: 101.09 FEET,) "C 469" (ELEVATION: 108.15 FEET,) AND "B 469" (ELEVATION: 106.74 FEET,) AS PUBLISHED BY NATIONAL GEODETIC SURVEY WITH AN EXPECTED ACCURACY OF THE ON-SITE PROJECT BENCHMARKS BEING LESS THAN 0.01 FEET (MORE OR LESS), AT A 95% CONFIDENCE LEVEL, BASED ON PROPERLY WEIGHTED LEAST SQUARES ADJUNAD ERROR PROPAGATION ANALYSES OF COLLECTED SURVEY DATA. MAPPED FEATURES WILL HAVE A SIMILAR EXPECTED ACCURACY PLUS REASONABLE ERRORS DUE TO THE VERTICAL STABILITY OF SAID MAPPED FEATURES.
- 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 AND MAPPER IS:
CARY M. MELVIN, P.S.M. P.S.M. NO. 6329
LAKE COUNTY DEPARTMENT OF PUBLIC WORKS - ENGINEERING DIVISION
SURVEYING SECTION
TAVARES, FL 32778

GENERAL:

- ALL WORKMANSHIP AND MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," LATEST EDITION, AND THE LATEST LOCAL GOVERNMENT AGENCY UTILITIES AND FDOT STANDARDS, DETAILS, AND SPECIFICATIONS UNLESS OTHERWISE INDICATED.
- ALL WORK SHALL BE DONE WITHIN STATE OWNED LANDS OR LOCAL RIGHT-OF-WAY.
- UTILITY/AGENCY OWNER: CONTACT: TELEPHONE NUMBERS:
DUKE ENERGY ROBB BROWN 352-459-4671
SECO ENERGY JERRY BOLDUC 352-569-9633
CITY OF UMATILLA ELIZABETH DENISE 352-669-3125
CENTURY LINK BILL MCCLLOUD 877-366-8344 x3
COMCAST CABLE COMMUNICATIONS SCOTT OSEBOLD 352-315-8527
TECO PEOPLES GAS BRUCE STOUT 407-420-2678
CITY OF EUSTIS WATER DEPT. PAUL SHEPHERD 352-357-5618 x1802
SUMMIT BROADBAND MICHELLE DANIEL 407-996-1183
- FOR PROPOSED TRAIL WIDTH, REFER TO TYPICAL SECTIONS AND PLANS.
- EXISTING DRAINAGE STRUCTURES AND STORMWATER MANAGEMENT FACILITIES WITHIN THE CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR AND THE PROJECT ENGINEER, WITHOUT DELAY, BY TELEPHONE.
- VARIOUS ABBREVIATIONS MAY BE USED IN THE PROJECT PLAN SET THAT ARE NOT IDENTIFIED ON THE STANDARD SYMBOLS SHEET. SOME OF THESE INCLUDE: FKOHT = FLORIDA KEYS OVERSEAS HERITAGE TRAIL; DEP/OGT = FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF GREENWAYS AND TRAILS; FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION; SJRWMD = ST. JOHNS RIVER WATER MANAGEMENT DISTRICT; USACE = U.S. ARMY CORPS OF ENGINEERS; FWS = U.S. FISH AND WILDLIFE SERVICE; FWC = FISH AND WILDLIFE CONSERVATION COMMISSION.
- CERTAIN TREES ARE DESIGNATED TO BE SAVED AND PROTECTED BY THE CONTRACTOR. IT IS ASSUMED THESE TREES ARE HEALTHY AND EXPECTED TO BE RETAINED AS PART OF THE PROJECT LANDSCAPING. THEREFORE, IF ANY SUCH TREE(S) ARE DAMAGED BY CONSTRUCTION OPERATIONS OR BY OTHER MEANS (EXCLUDING LIGHTNING, WINDSTORM, AND OTHER ACTS OF GOD) AND PERISHES WITHIN THE CONSTRUCTION PERIOD, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND DISPOSE OF THOSE TREES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REPLACING SAID TREE(S) AND ENSURING ITS SURVIVAL FOR AT LEAST ONE YEAR FOLLOWING INSTALLATION. NO ADDITIONAL COMPENSATION SHALL BE MADE BY DEP/OGT FOR THE LABOR, MATERIAL, OR MACHINERY REQUIRED TO REMOVE OR REPLACE SAID TREE(S).
- WHERE EXCAVATIONS ARE IN CLOSE PROXIMITY OF TREES, CONTRACTOR SHALL USE EXTREME CARE TO NOT DAMAGE THE ROOT SYSTEM. NO EQUIPMENT, SUPPLIES, OR VEHICLES SHALL BE STORED OR PARKED WITHIN THE DRIP LINE OF TREES TO REMAIN AND BE PRESERVED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL OF HIS EMPLOYEES AND SUBCONTRACTORS OF THIS REQUIREMENT AND TO ENFORCE SAME.
- ALL PROPOSED NON-PAVED GROUND ELEVATIONS ASSOCIATED WITH CONSTRUCTION OF THE FKOHT AND PROJECT STORMWATER MANAGEMENT FACILITIES ARE FINISHED SOD ELEVATIONS UNLESS OTHERWISE INDICATED IN THESE PLANS. FINISH EARTHWORK

GRADING SHALL BE 0.2 FEET BELOW ELEVATIONS SHOWN FOR SUCH AREAS TO ALLOW FOR SOD THICKNESS.

- UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS, ALL EXISTING LANDSCAPING SHALL REMAIN. ALL EXISTING LANDSCAPING TO BE REMOVED OR RELOCATED SHALL BE FLAGGED IN THE FIELD AND REVIEWED BY THE LAKE COUNTY PW ENGINEER PROJECT MANAGER OR MANAGER'S DESIGNEE PRIOR TO DISTURBANCE.
- ALL PROJECT ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS AND ALL REQUIREMENTS OF PERMITS OBTAINED FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING COMPLIANCE WITH SUCH REGULATIONS, REQUIREMENTS, AND PERMIT CONDITIONS.
- AN ON-SITE PRE-CONSTRUCTION MEETING IS REQUIRED. CONTRACTOR SHALL CONTACT THE LAKE COUNTY PW TRAIL MANAGER, FDOT OFFICIALS, THE PROJECT ENGINEER, AND ALL POTENTIALLY AFFECTED UTILITIES TO ARRANGE FOR THE PRE-CONSTRUCTION MEETING. THIS MEETING MUST BE CONDUCTED AT LEAST ONE WEEK PRIOR TO CONSTRUCTION MOBILIZATION. PROJECT CONSTRUCTION ACTIVITIES SHALL NOT BEGIN UNTIL AFTER THIS MEETING.
- NO STAGING OF MATERIALS OR EQUIPMENT SHALL OCCUR IN ANY NATURAL VEGETATION COMMUNITIES INCLUDING WETLANDS. CONTRACTOR SHALL USE EXISTING STAGING AREAS THAT HAVE BEEN PREVIOUSLY APPROVED BY LAKE COUNTY FOR PROJECT STAGING PURPOSES. THE CONTRACTOR MUST PROVIDE A LOCATION MAP INDICATING PROPOSED STAGING AREAS AT THE TIME OF THE PRE-CONSTRUCTION MEETING.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE WHATEVER MEANS NECESSARY TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS AND DURING CONSTRUCTION. SEE EROSION CONTROL NOTES AND STORMWATER POLLUTION PREVENTION PLAN FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY. SPECIAL PRECAUTIONS MAY BE REQUIRED IN THE VICINITY OF POWER LINES AND OTHER UTILITIES.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS FOR CONSTRUCTION SAFETY.
- ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3,000 PSI (28 DAY STRENGTH), UNLESS OTHERWISE NOTED.
- ALL DISTURBED GRASSED AREAS SHALL BE RESODDED WITHIN 72 HOURS UNLESS OTHERWISE INDICATED.
- CONTRACTOR TO RESTORE ALL AREAS DISTURBED BY HIS OPERATION TO THEIR ORIGINAL OR BETTER CONDITION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE AND WILL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL UNDERGROUND AND ABOVE GROUND IMPROVEMENTS THAT WILL NOT BE INCORPORATED WITH THE NEW FACILITIES TO THE PROPERTY LINE AT A MINIMUM. SHOULD ANY DISCREPANCIES EXIST WITH THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE ENGINEER AND REQUESTING A CLARIFICATION OF PLANS PRIOR TO DEMOLITION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL REQUIRED ROAD CROSSING PERMITS, AND OTHER CONSTRUCTION PERMITS NOT FURNISHED BY THE OWNER, PRIOR TO THE START OF ANY CONSTRUCTION OR DEMOLITION.
- SPECIAL CARE IS TO BE TAKEN SO THAT PROTECTED TREES REMAIN UNHARMED DURING CONSTRUCTION. IN ANY EVENT, NO TREE(S) SHALL BE REMOVED UNLESS DESIGNATED FOR REMOVAL ON THE PLANS.
- REFERENCE INDEX NUMBERS REFER TO FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN STANDARDS, LATEST EDITION.
- ALL SODDING, SEEDING, AND MULCHING SHALL INCLUDE WATERING AND FERTILIZATION AND SHALL BE IN ACCORDANCE WITH FDOT STANDARDS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS UP TO AND INCLUDING THE INITIAL MOWING.
- CONTRACTOR IS ADVISED TO BECOME FAMILIAR WITH THE OVERALL SCOPE OF WORK TO BE PERFORMED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE CERTIFIED STORMWATER RECORD DRAWINGS (AS-BUILTS), SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA PRIOR TO CERTIFICATION BY THE ENGINEER OF RECORD. THE RECORD DRAWINGS SHALL SHOW FINAL GRADES AND LOCATIONS ON ALL STORMWATER FACILITIES, DRAINAGE STRUCTURES, BERMS, AND SWALES. THE RECORD DRAWINGS MUST COMPLY WITH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT'S (SJRWMD) "AS-BUILT" DRAWINGS AND INFORMATION CHECKLIST, FORM 547.27/SOC (4/09) PER SWERP RULE 40D-4.351(2)(A)1., F.A.C. THE CONTRACTOR SHALL PROVIDE TEN (10) COPIES OF THE CERTIFIED RECORD DRAWINGS TO THE ENGINEER OF RECORD FOR THE PURPOSE OF CERTIFYING THE STORMWATER MANAGEMENT SYSTEM.
- THE CONTRACTOR SHALL LOCATE AND STAKE ALL PROPERTY CORNERS PRIOR TO FINAL ENGINEERING INSPECTION AND CERTIFICATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REESTABLISH THE PROPERTY CORNERS WHICH HAVE BEEN LOST DURING CONSTRUCTION BY A PROFESSIONAL LAND SURVEYOR.
- WORK SHALL NOT COMMENCE UNTIL ALL PERMITS REQUIRED FOR THE SUBJECT PORTION OF THE PROJECT ARE OBTAINED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL REQUIRED PERMITS AND/OR EVIDENCE OF COMPLIANCE WITH APPLICABLE REGULATIONS ON SITE AT ALL TIMES DURING THE EXECUTION OF WORK. SPECIFIC PERMITS MAY BE REQUIRED FOR THE INSTALLATION OF POTABLE WATER LINES, SANITARY SEWER LINES, STORMWATER PIPES, ETC. TREE BARRICADES AND EROSION SILTATION CONTROL MUST BE INSTALLED AND MAINTAINED PRIOR TO COMMENCING CONSTRUCTION.

- CONSTRUCTION SHALL PROCEED SUCH THAT ALL STORMWATER FACILITIES WITHIN A WATERSHED AREA ARE IN PLACE AND OPERATIONAL PRIOR TO DEMOLITION AND/OR CONSTRUCTION OF IMPERVIOUS SURFACES WITHIN THAT AREA (IF APPLICABLE).
- NO STOCKPILING OF MATERIALS IN ROADWAY ROW OR ON SIDEWALK. ROW, ROADS, AND SIDEWALKS TO BE SWEEPED DAILY AS PART OF DAILY CLEAN UP.
- CONTRACTOR IS TO EXERCISE CAUTION IN THE VICINITY OF TREES TO REMAIN AND IS RESPONSIBLE FOR ANY DAMAGE RESULTING FROM HIS WORK.
- GENERAL CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ELECTRICAL SERVICE EQUIPMENT IN ACCORDANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONTRACTOR TO FAMILIARIZE THEMSELVES WITH THE PROJECT GEOTECHNICAL REPORT AND ADHERE TO THE RECOMMENDATIONS FOR PAVEMENT SECTIONS AND ANY OTHER RECOMMENDATIONS RELATED TO CONSTRUCTION OF THIS PROJECT.
- CONTRACTOR SHALL BECOME FAMILIAR WITH WATER MANAGEMENT DISTRICT PERMIT, FDEP NOTICE OF INTENT, FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES, PROJECT STORMWATER POLLUTION PREVENTION PLAN (ATTACHED), RIGHT-OF-WAY, UTILITY, AND ALL PERMITS ASSOCIATED WITH THE PROJECT.
- ALL NOTES APPLY TO ALL SHEETS WHERE APPLICABLE.
- CONTRACTOR SHALL COORDINATE WITH LAKE COUNTY PROJECT ENGINEER AND FDOT WHEN ADDITIONAL PAVEMENT MARKINGS WILL BE REQUIRED TO BE REMOVED OR INSTALLED TO MEET STANDARDS FOR VISIBILITY AND ACCURACY, WHICH ARE CRUCIAL FOR THE SAFETY AND GUIDANCE OF ALL TRAIL AND ROAD USERS. ALL EXISTING PAVEMENT MARKINGS OR STRIPING, RAISED PAVEMENT MARKERS AND TRAFFIC LANE SEPARATORS/DIVIDER SYSTEM WITHIN THE PAVEMENT REPLACEMENT LIMITS OR DAMAGED DURING CONSTRUCTION, SHALL BE REPLACED ON THE SAME LOCATION WITH THE SAME TYPE, MATERIAL, COLOR, AND LINE THICKNESS TO MAINTAIN TRAFFIC AND PEDESTRIAN SAFETY FOR THE ROADWAY AND/OR THE TRAIL IMPROVEMENTS.
- CONTRACTOR SHALL REGRADE AREAS ADJACENT TO PROPOSED TRAIL TO PERPETUATE POSITIVE DRAINAGE TOWARD EXISTING STORM STRUCTURES, PROPOSED STORM STRUCTURES AND EXISTING NATURAL LOW POINTS. EXISTING RUNOFF PATTERNS AND CONDITIONS OUTSIDE THE PROJECT LIMITS SHALL NOT BE CHANGED WITHOUT PRIOR APPROVAL OF THE ENGINEER OF RECORD AND THE COUNTY ENGINEER.

DEWATERING NOTES:

- IF CONTRACTOR DETERMINES THAT DEWATERING IS NECESSARY FOR CERTAIN PROJECT CONSTRUCTION ACTIVITIES, CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY DEWATERING PERMIT REQUIRED BY SJRWMD. THE NECESSARY PERMIT/AUTHORIZATIONS MUST BE SECURED PRIOR TO INITIATION OF DEWATERING ACTIVITIES AND A COPY OF THE PERMIT MUST BE PROVIDED TO THE DEP/OGT PROJECT MANAGER OR MANAGER'S DESIGNEE. DEWATERING ACTIVITIES MUST ALSO BE ADDRESSED IN CONTRACTOR'S SECTION 104 EROSION CONTROL PLAN.

GENERAL UTILITY NOTES:

- EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED, OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES.
- ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - THE CONTRACTOR SHALL CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION & SAFETY. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. THE CONTRACTOR SHALL FURTHER COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS.
- THE CONTRACTOR IS REQUIRED TO COORDINATE AND/OR PROVIDE FOR THE BRACING/SUPPORT OF EXISTING UTILITY POLES WITH THE UTILITY OWNERS, PRIOR TO THE COMMENCEMENT OF EXCAVATION/CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY FACILITIES AS REQUIRED TO ISOLATE PIPELINES INSTALLED UNDER THIS CONTRACT FOR THE PERFORMANCE OF TESTING UNDER THIS CONTRACT. LIKEWISE, PROVIDE TEMPORARY FACILITIES AS REQUIRED TO MAINTAIN WASTEWATER SERVICE THROUGHOUT THE CONSTRUCTION PERIOD.
- ALL EXISTING WATER MAINS, SANITARY SEWER LINES, WATER/SEWER PUMP STATIONS, AND OTHER UTILITIES SHALL REMAIN IN SERVICE UNTIL THE RELOCATED UTILITIES ARE PLACED IN SERVICE. COORDINATE ALL UTILITY RELATED CONSTRUCTION ACTIVITIES WITH THE OWNER OF THESE UTILITIES.
- ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY WILL BE IN ACCORDANCE WITH THE PRACTICES REQUIRED BY FDOT AND LOCAL GOVERNMENT AGENCY LAND DEVELOPMENT CODE ALONG WITH FDOT UTILITY ACCOMMODATION MANUAL.
- CONTRACTOR WILL NOTIFY THE RESPONSIBLE UTILITY FOR RELOCATION OF METER BOXES FOR POTABLE WATER AND NON-POTABLE WATER SERVICES.
- THE LOCATIONS AND SIZE OF THE EXISTING UTILITIES AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. FURTHER, THERE IS NO GUARANTEE THAT ALL EXISTING FACILITIES HAVE BEEN FOUND OR SHOWN. THE CONTRACTOR IS FOREWARNED TO ASCERTAIN AND DETERMINE PRECISE LOCATIONS PRIOR TO EXCAVATING. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL VOLTAGES CARRIED IN OVERHEAD OR UNDERGROUND UTILITY

PLOTTED BY: Holmes, Ayana 8/9/2024 2:59 PM

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SIGNATURE	DATE
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 6	T. - 18S
R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24
FIELD BOOK: N.A.	PAGE: N.A.
DESIGNED: CSM	DATE: 08/07/24
DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
GENERAL NOTES

JOB NO.: 215811267

SHEET: G-103

GENERAL NOTES

GENERAL UTILITY NOTES CONTINUED:

SERVICES. NO CLAIM FOR EXTRA COST SHALL BE MADE AGAINST THE OWNER OR ENGINEER AS A RESULT OF THE AFOREMENTIONED APPROXIMATIONS. THE CONTRACTOR SHALL LOCATE EXACTLY ALL UTILITIES THAT CROSS THE PROPOSED PROJECT LIMITS PRIOR TO CONSTRUCTION.

9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER, OWNER, AND COUNTY INCLUDING ALL UTILITY COMPANIES AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL CALL "SUNSHINE STATE ONE CALL" (811) A MINIMUM OF 2 DAYS AND A MAXIMUM OF 5 DAYS PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY AND COORDINATE WATER AND SEWER SERVICES WITH LOCAL GOVERNMENT AGENCY.
10. ALL UNDERGROUND UTILITIES MUST BE INSTALLED BEFORE ROADWAY OR PROPOSED TRAIL BASE AND SURFACE ARE CONSTRUCTED.
11. ALL PIPE LENGTHS ARE PLUS OR MINUS.
12. PIPE MEASUREMENTS ARE TO CENTER OF STRUCTURES OR FITTINGS. PIPE MEASUREMENTS FOR MITERED END SECTIONS ARE TO END OF PIPE.
13. CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UTILITY CONNECTION POINTS PRIOR TO STARTING CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER AND OWNER OF ANY DISCREPANCIES FOUND.
14. ADJUSTMENT OF INLETS, JUNCTION BOXES, MANHOLE TOPS, WATER VALVES, WATER METERS, ETC., SHALL BE INCLUDED, AND NO CLAIM SHALL BE MADE AGAINST THE OWNER OR ENGINEER FOR THESE ADJUSTMENTS, IF REQUIRED.
15. ALL BACKFILL OVER ANY PIPE (STORM SEWER, SANITARY SEWER, OR WATERLINES) THAT IS INSTALLED UNDER ROADWAYS/MULTI USE TRAIL OR WITHIN THE EMBANKMENT OF THE ROADWAY, SHALL BE COMPACTED IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, SECTION 125-8 (BACKFILLING), LATEST EDITION, OR LOCAL GOVERNMENT AGENCY REQUIREMENTS.
16. ALL EXISTING UTILITIES (INCLUDING STORMWATER FACILITIES) SHALL BE KEPT IN OPERATION EXCEPT WITH THE EXPRESS WRITTEN CONSENT OF THE UTILITY OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE EXISTING UTILITIES, AND ANY AND ALL DAMAGE TO EXISTING UTILITIES AS A RESULT OF THE CONTRACTOR'S ACTIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
17. CONTRACTOR TO REPAIR IN-KIND ANY DISTURBED AREAS DUE TO PROJECT CONSTRUCTION ACTIVITIES. CONTRACTOR TO ROOT PRUNE ANY TREES IN VICINITY OF PROPOSED UTILITY INSTALLATIONS.

MAINTENANCE OF TRAFFIC:

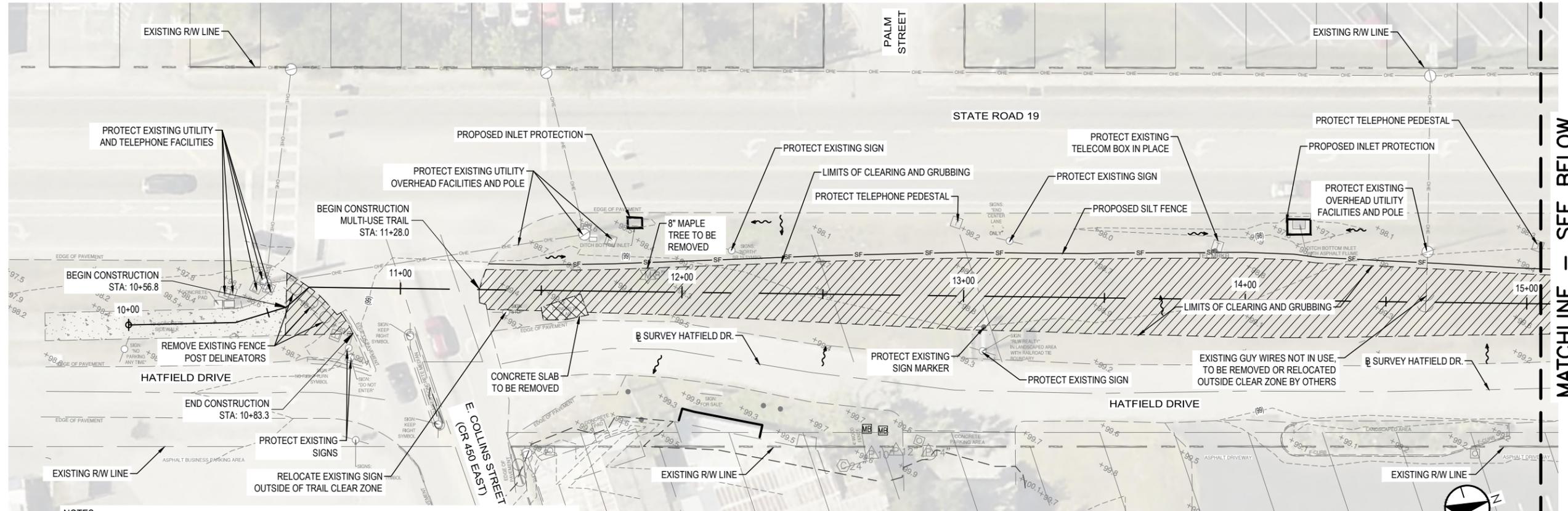
1. SUBMIT A TEMPORARY TRAFFIC CONTROL PLAN (TTC) FOR APPROVAL BY THE LAKE COUNTY PUBLIC WORKS ENGINEERING DIVISION AND/OR THE AGENCY WITH JURISDICTION OF THE ROADWAY (I.E. FDOT, LAKE COUNTY PUBLIC WORKS ENGINEERING DIVISION TRAFFIC ENGINEERING OFFICE) PRIOR TO ANY CONSTRUCTION ACTIVITY COMMENCING. THE TTC SHALL RECEIVE APPROVAL FROM UNDERGROUND UTILITIES PRIOR TO SUBMITTAL TO THE ROADWAY AUTHORITIES.
2. DURING STREET CLOSURES, PROVIDE INGRESS AND EGRESS TO ALL PROPERTIES WITHIN THE CLOSED STREET SEGMENT AND PROVIDE BUSINESS ENTRANCE SIGNS TO ROUTE MOTORISTS TO DESIGNATED PARKING AREAS. FOR THOSE PROPERTIES WITH MULTIPLE DRIVEWAYS, ONLY ONE DRIVEWAY MAY BE CLOSED AT ANY ONE TIME. ACCESS TO BUSINESSES THROUGHOUT CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES DURING BUSINESS HOURS.
3. EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE TEMPORARILY REMOVED, STORED, AND REINSTALLED; OR TEMPORARILY COVERED AS DIRECTED BY THE CITY. ADDITIONALLY, THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF EXISTING PAVEMENT MARKINGS REQUIRED FOR IMPLEMENTATION OF THE PROPOSED TTC PLAN (E.G. PARKING LINES, LANE LINES, ETC.)
4. PROVIDE TEMPORARY PAVEMENT MARKINGS DURING CONSTRUCTION, AS NEEDED TO RE-OPEN LANES.
5. FAILURE TO SECURE APPROVAL FOR THE TTC PLAN SHALL NOT BE CAUSE FOR A CLAIM FOR ADDITIONAL COMPENSATION OR CONTRACT TIME.
6. ADHERE TO THE REQUIREMENTS SET FORTH IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION; THE FDOT STANDARD PLANS (SERIES 102 INDICES), CURRENT EDITION; AND THE INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS.
7. PROPERLY IMPLEMENT THE TTC PLAN AND ADDITIONAL MEASURES TO SAFELY MANAGE TRAFFIC IF REQUIRED BY THE COUNTY AND/OR AGENCY WITH JURISDICTION OF THE ROADWAY; OR AS REQUIRED DUE TO UNFORESEEN FIELD CONDITIONS. PREPARE ADDITIONAL MEASURES (PLANS) NOT COVERED IN THE PLANS OR SPECIFICATIONS USING THE GUIDELINES SET FORTH BY THE AGENCY WITH JURISDICTION. ALL TTC REVISIONS MUST BE APPROVED BY THE CITY AND THE AGENCY WITH JURISDICTION.
8. NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN AFTER WORKING HOURS. THE CONTRACTOR SHALL SCHEDULE THEIR WORK SO THAT RESTORATION IS COMPLETED IN ACCORDANCE WITH THE PAVEMENT RESTORATION DETAILS AND ASSOCIATED NOTES BY THE END OF EACH WORKDAY. FAILURE OF THE CONTRACTOR TO COMPLETE PAVEMENT RESTORATION BY THE END OF EACH WORKDAY WILL RESULT IN THE CITY REDUCING THE NUMBER OF WORK HOURS AND SHALL NOT BE CAUSE FOR A CLAIM FOR ADDITIONAL COMPENSATION OR AN EXTENSION OF CONTRACT DURATION

9. ALL LANES SHALL REMAIN OPEN DURING INACTIVE WORK TIMES, UNLESS OTHERWISE STATED IN THE PLANS. STREET AND LANE CLOSURES SHALL BE ACTIVE DURING ACTIVE WORK PERIODS ONLY. FOR ALL STREET CLOSURES AND THEIR AFFECTED SIDE STREETS, TYPE III BARRICADES WITH FLASHING LIGHTS SHALL BE PLACED IN THE ACTIVE STREET CLOSURE WORK ZONES IN ACCORDANCE WITH THE MUTCD, CURRENT EDITION.
10. LANE WIDTHS FOR MAINTENANCE OF TRAFFIC DURING A LANE CLOSURE SHOULD DESIRABLY BE EQUAL TO LANE WIDTHS OF THE EXISTING STREET, BUT NOT LESS THAN TEN FEET WIDE. FOR OPERATIONS WITH ONE LANE CLOSED, CONFINE WORK OPERATIONS TO ONE TRAVEL LANE, LEAVING THE OPPOSING TRAVEL LANE OPEN TO TRAFFIC. IN THIS SITUATION, ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGERS) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE ROADWAY.
11. REOPEN ALL LANES TO NORMAL TRAFFIC WITHIN 12 HOURS DURING AN EVACUATION NOTICE OF A HURRICANE OR ANY OTHER CATASTROPHIC EVENT AND THEY SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE CITY.
12. FLAGGERS, IF UTILIZED, SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. FLAGGERS SHALL WEAR AN FDOT APPROVED SAFETY VEST AT ALL TIMES. ANSI/ISEA 107-1999 CLASS 2 APPAREL HIGH-VISIBILITY TRAFFIC VESTS ARE REQUIRED FOR ALL WORKERS WITHIN 15 FEET OF THE EDGE OF TRAVEL. ANSI/ISEA CLASS 3 APPAREL IS REQUIRED FOR ALL NIGHTTIME ACTIVITIES. (THIS INFORMATION MUST BE CLEARLY MARKED ON THE INSIDE OF THE TRAFFIC VESTS).
13. SIDEWALK DETOURS OR DIVERSIONS SHALL BE IN ACCORDANCE WITH THE MUTCD, CURRENT EDITION.

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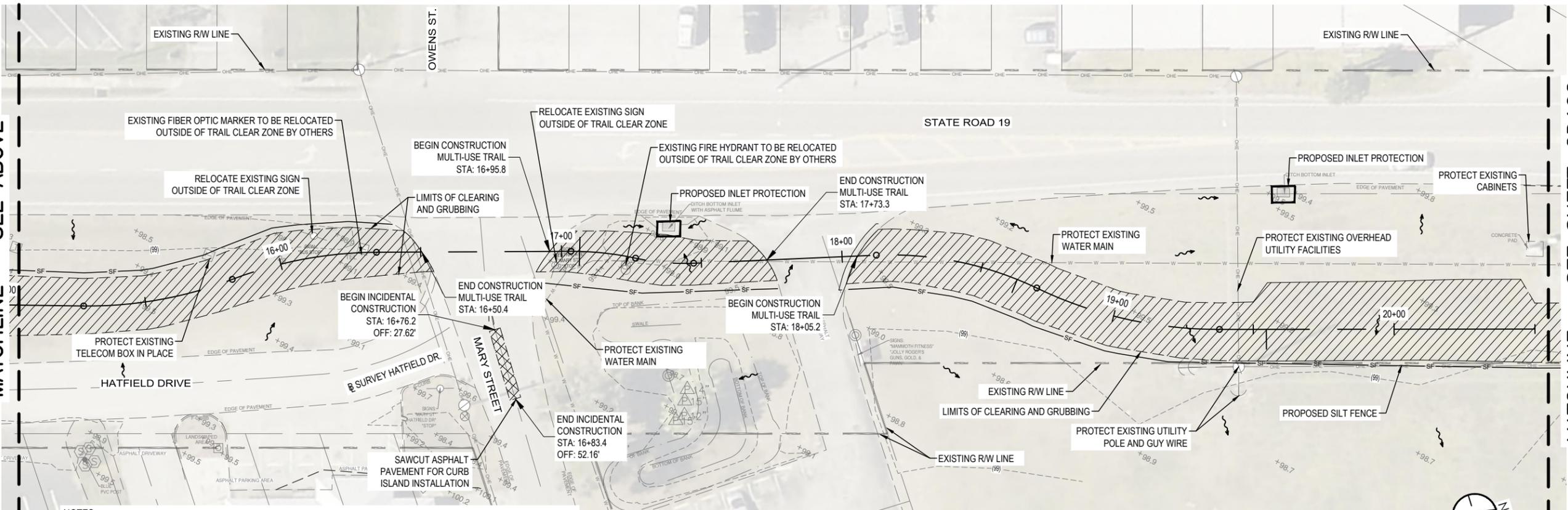
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NORTH LAKE TRAIL SEGMENT III-A GENERAL NOTES		REVISION:	DATE
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SURVEYED: N.A.	PAGE: N.A.	DATE: 07/07/21	
FIELD BOOK: N.A.	DESIGNED: CSM	DATE: 08/07/24	
DRAWN: CDH	DATE: 04/01/24		
APPROVED: AIM	DATE: 08/09/24		
JOB NO: 215811267		SHEET: G-104	
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778			



MATCHLINE - SEE BELOW

- NOTES:**
1. REFER TO SHEET G-100 FOR EXISTING SITE LEGEND.
 2. REFER TO SHEET G-100 FOR NEW WORK LEGEND.
 3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.

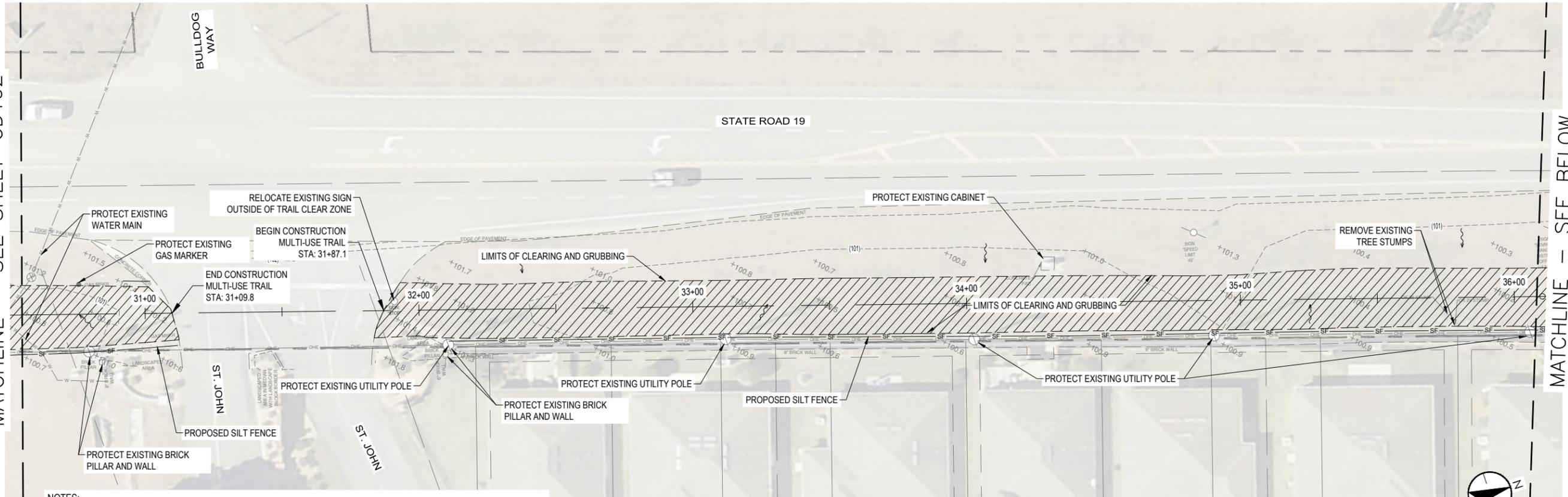


MATCHLINE - SEE SHEET CD102

- NOTES:**
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 3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.

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S. - 6	T. - 18S	R. - 27E
SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.
FIELD BOOK: N.A.	DATE: 08/07/24	DRAWN: CDH
DESIGNED: CSM	DATE: 04/01/24	APPROVED: AIM
DRAWN: CDH	DATE: 08/09/24	
NORTH LAKE TRAIL SEGMENT III - A DEMOLITION & EROSION CONTROL PLAN		
JOB NO.: 215811267		
SHEET: CD101		

MATCHLINE - SEE SHEET CD102

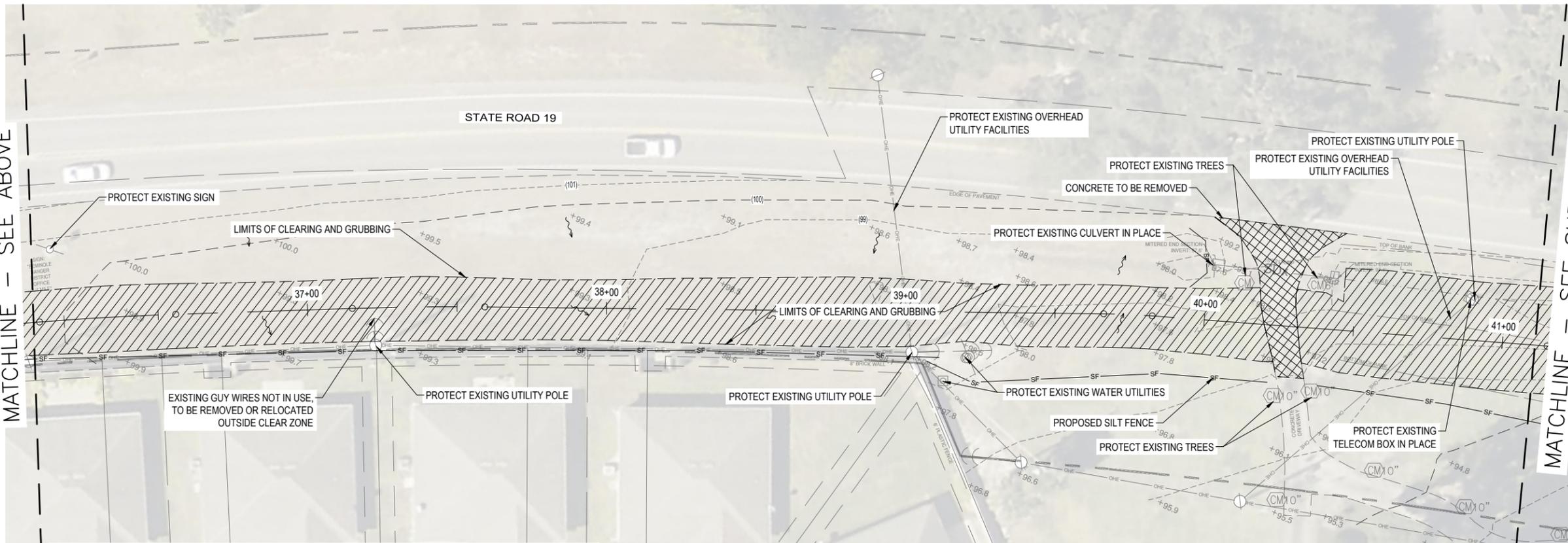


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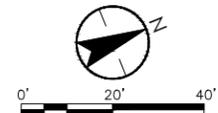


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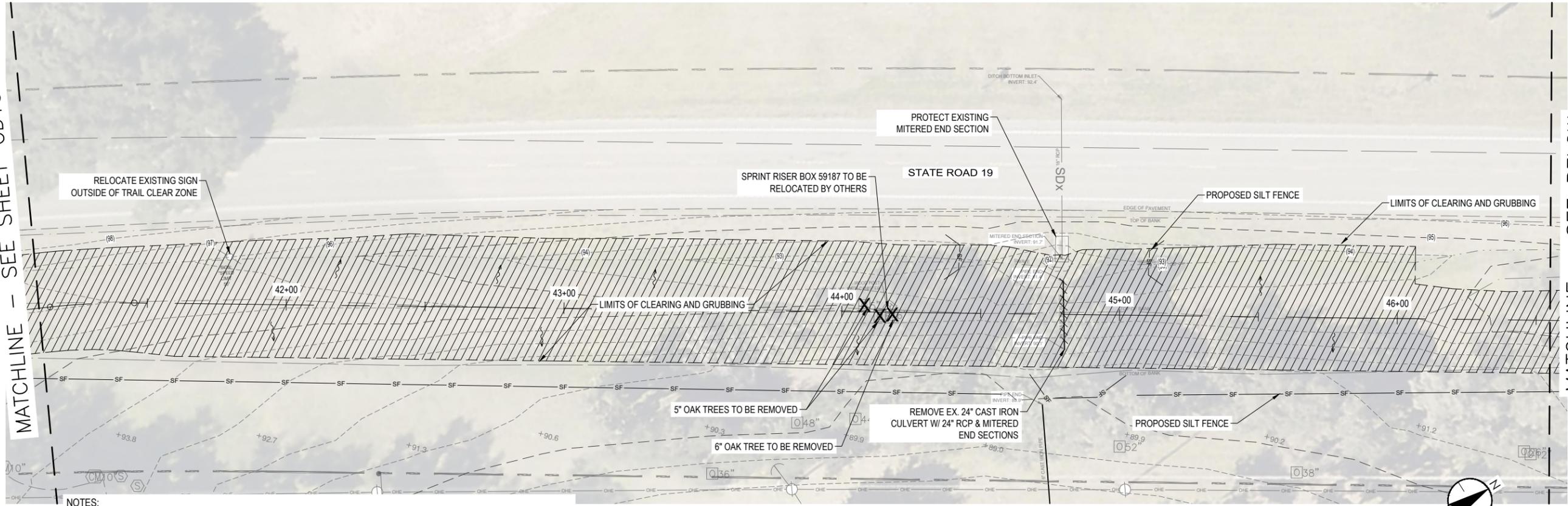
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- NOTES:
1. REFER TO SHEET G-100 FOR EXISTING SITE LEGEND.
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 3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
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JOB NO: 215811267	SHEET: CD103		
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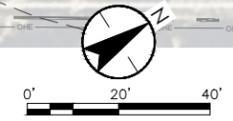
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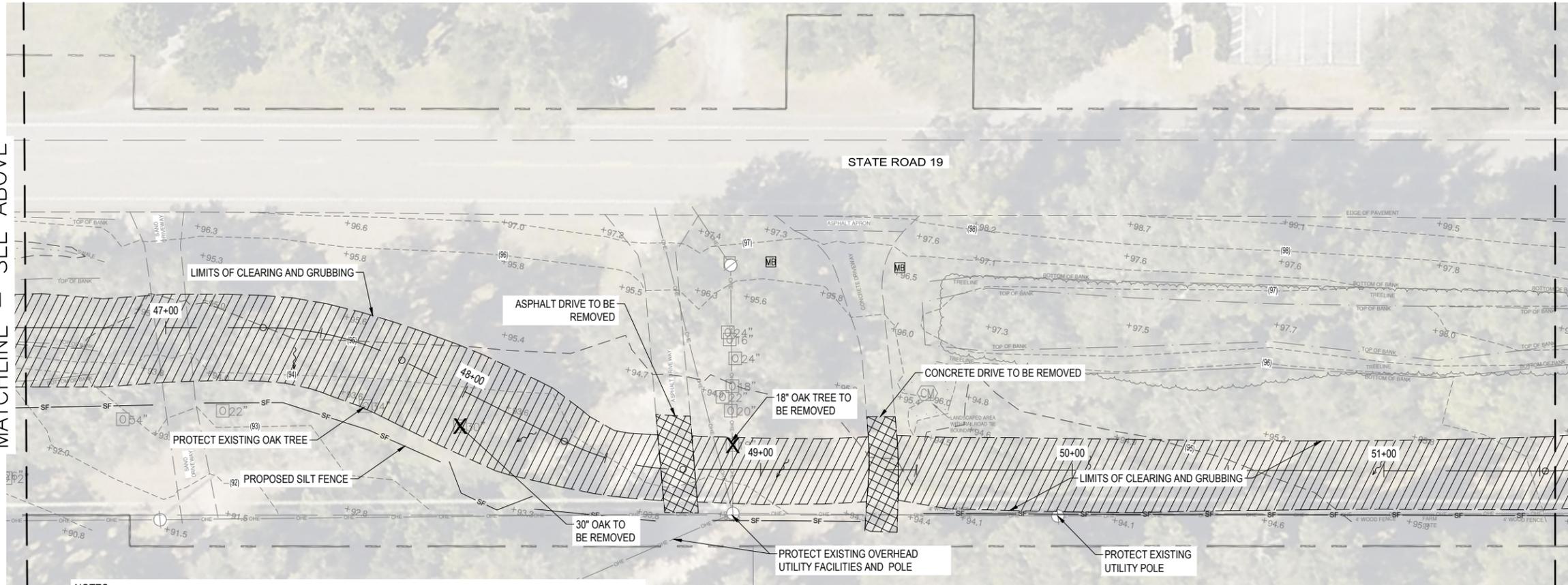
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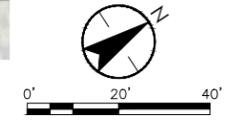
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MATCHLINE - SEE SHEET CD105

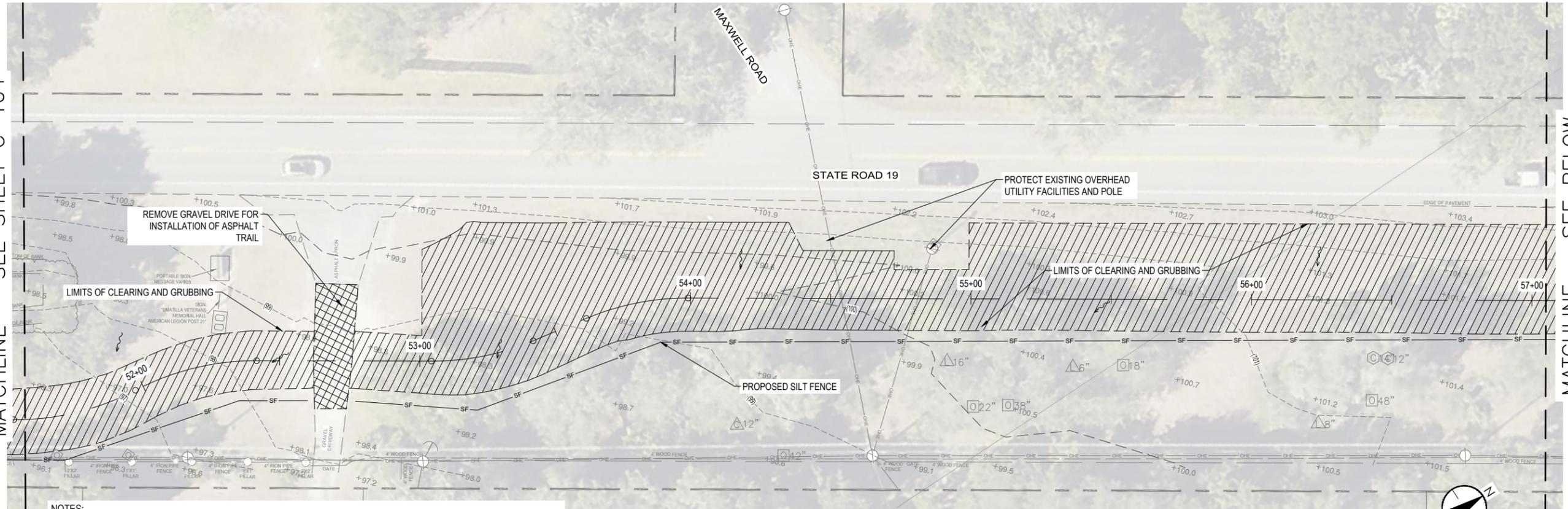
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NORTH LAKE TRAIL SEGMENT III - A DEMOLITION & EROSION CONTROL PLAN			
JOB NO.: 215811267			
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350 N. SINCLAIR AVE., TAYLORS, FLORIDA 32778			

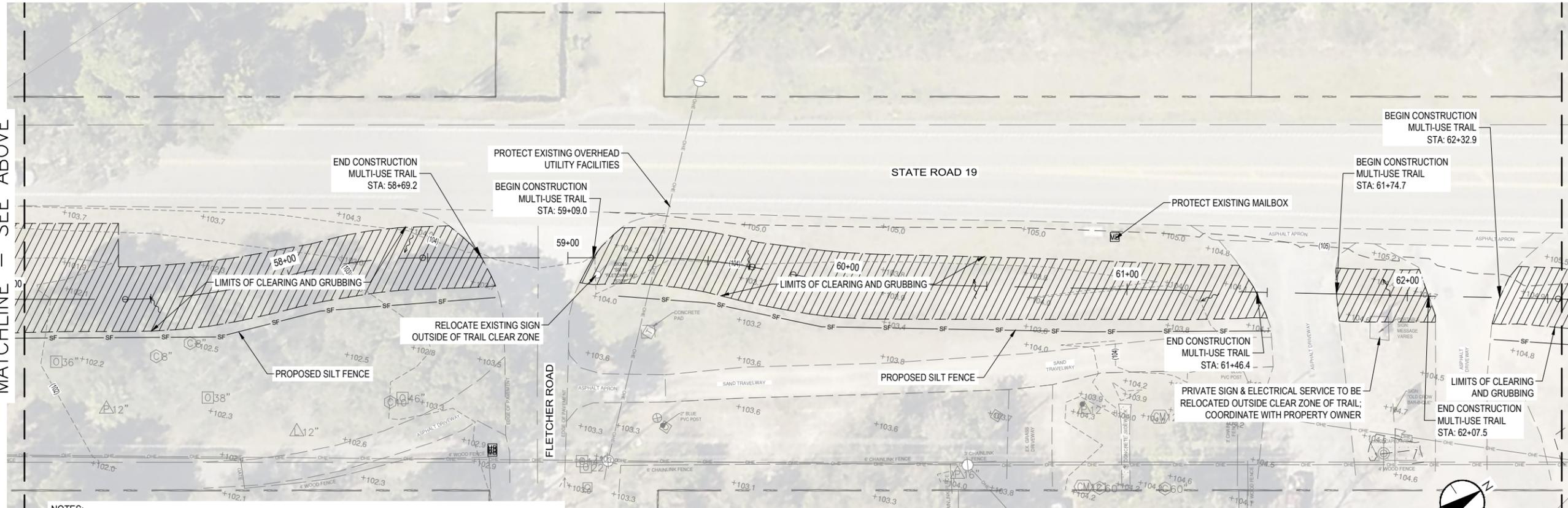
MATCHLINE - SEE SHEET C-104



- NOTES:
1. REFER TO SHEET G-100 FOR EXISTING SITE LEGEND.
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 3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.

MATCHLINE - SEE BELOW

MATCHLINE - SEE ABOVE



- NOTES:
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 3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.

MATCHLINE - SEE SHEET CD106

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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

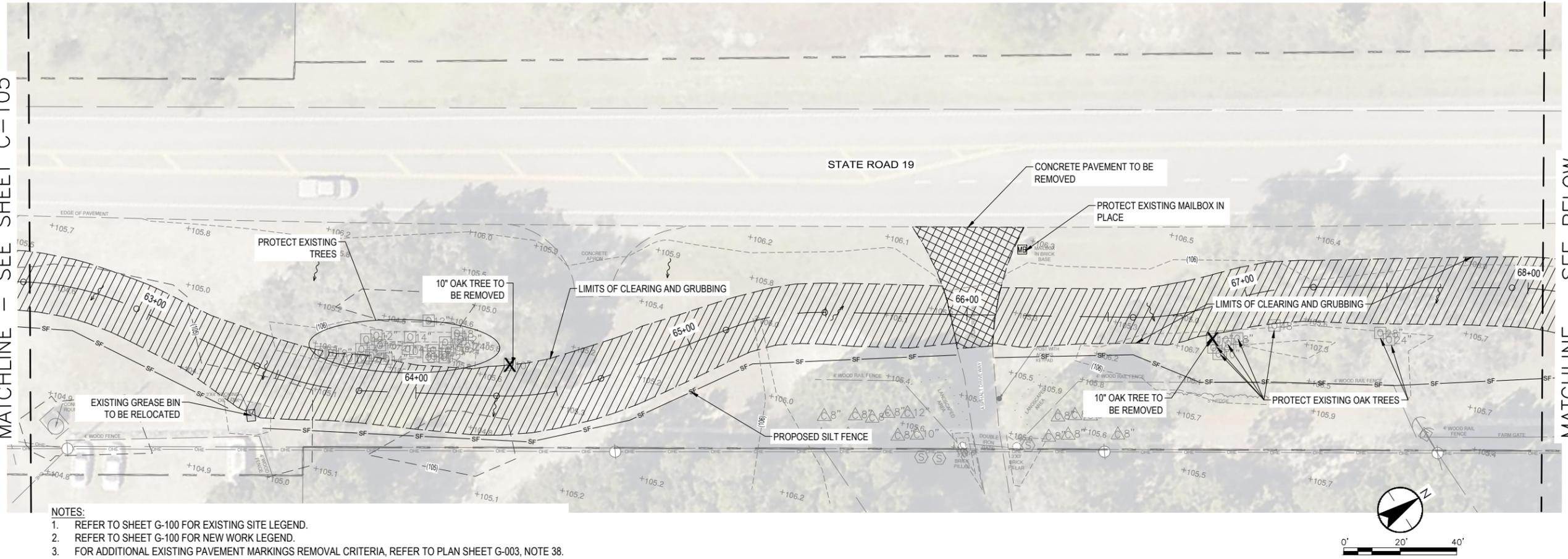
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NORTH LAKE TRAIL
SEGMENT III-A
DEMOLITION & EROSION CONTROL
PLAN

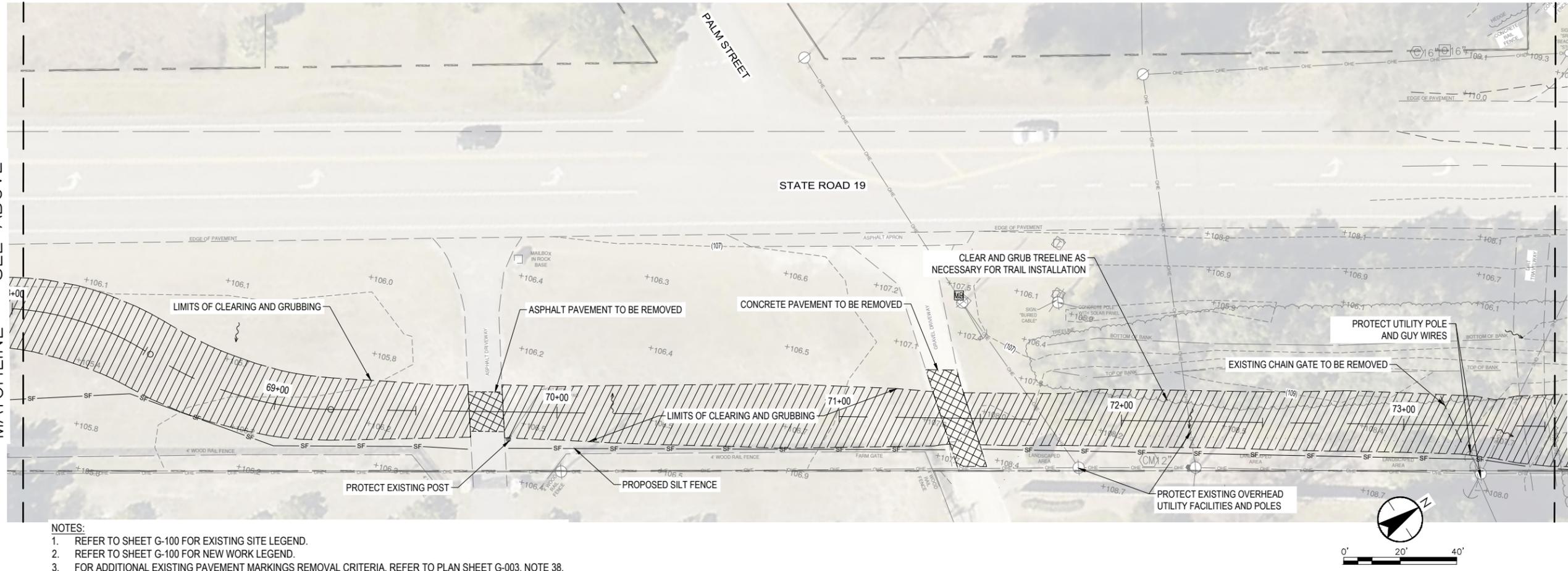
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MATCHLINE - SEE SHEET C-105



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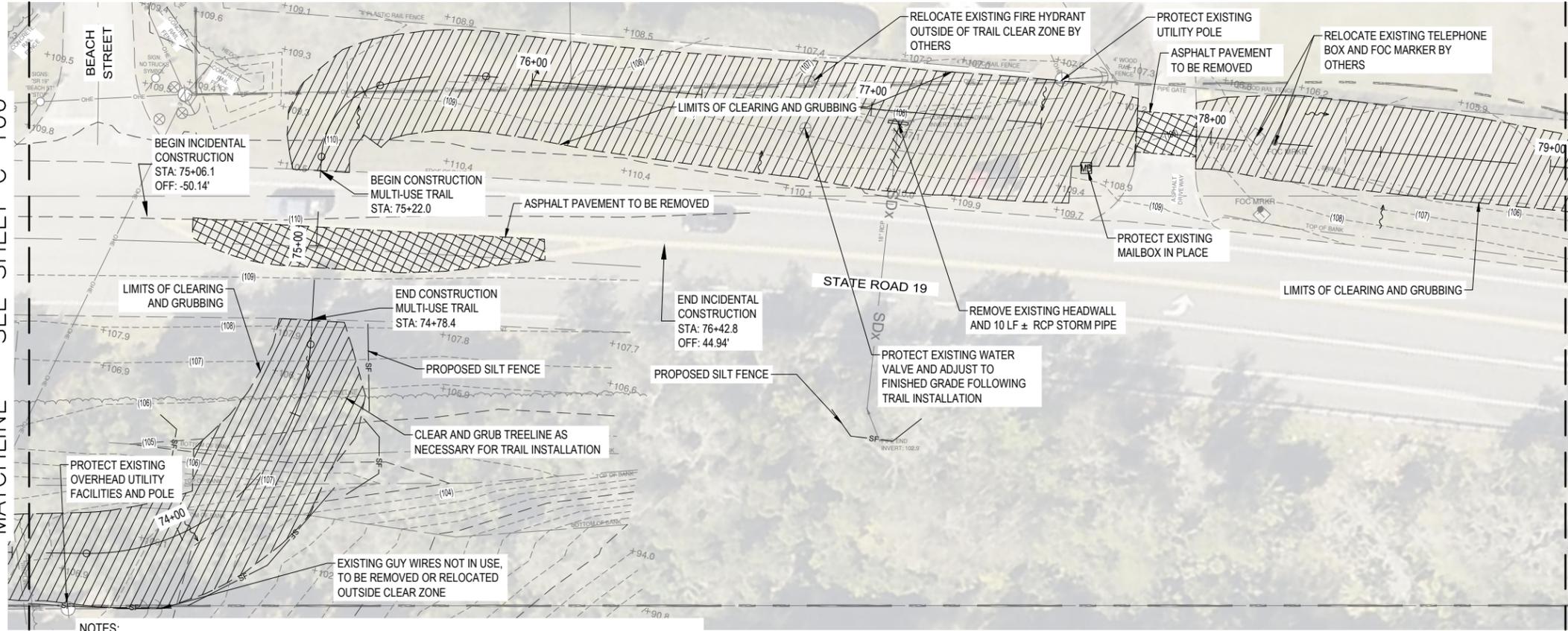
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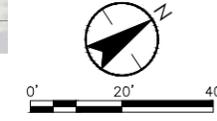
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350 N. SINCLAIR AVE., TAYLORS, FLORIDA 32778					

MATCHLINE - SEE SHEET C-106



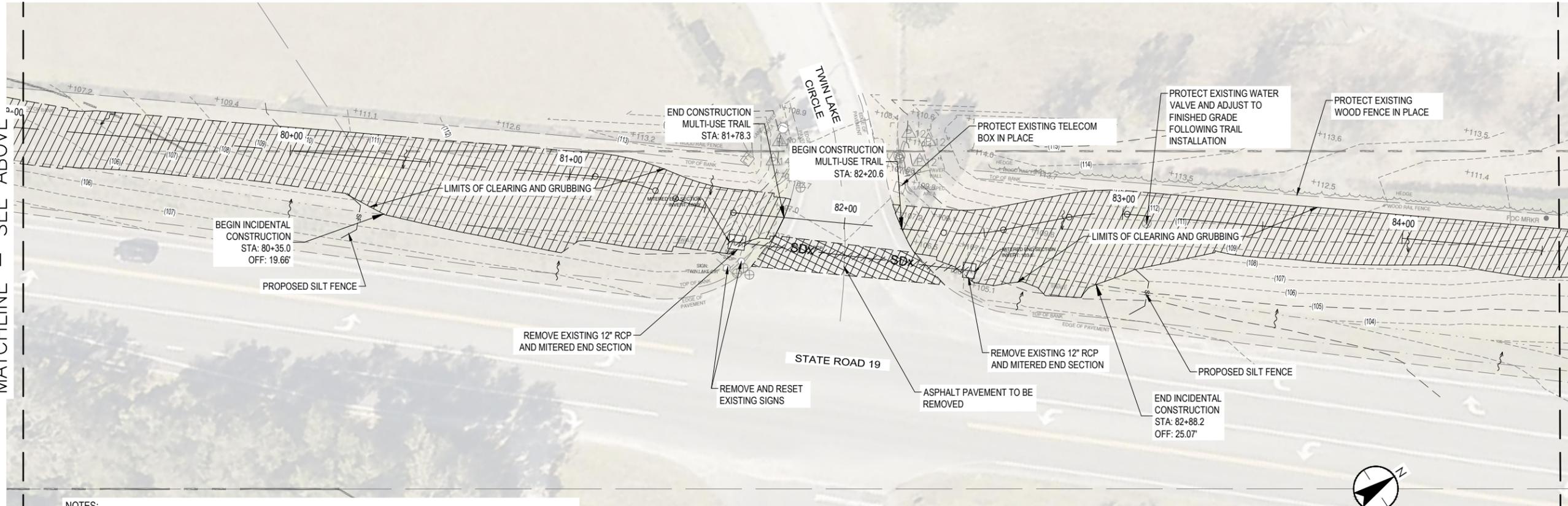
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3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.



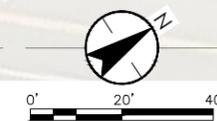
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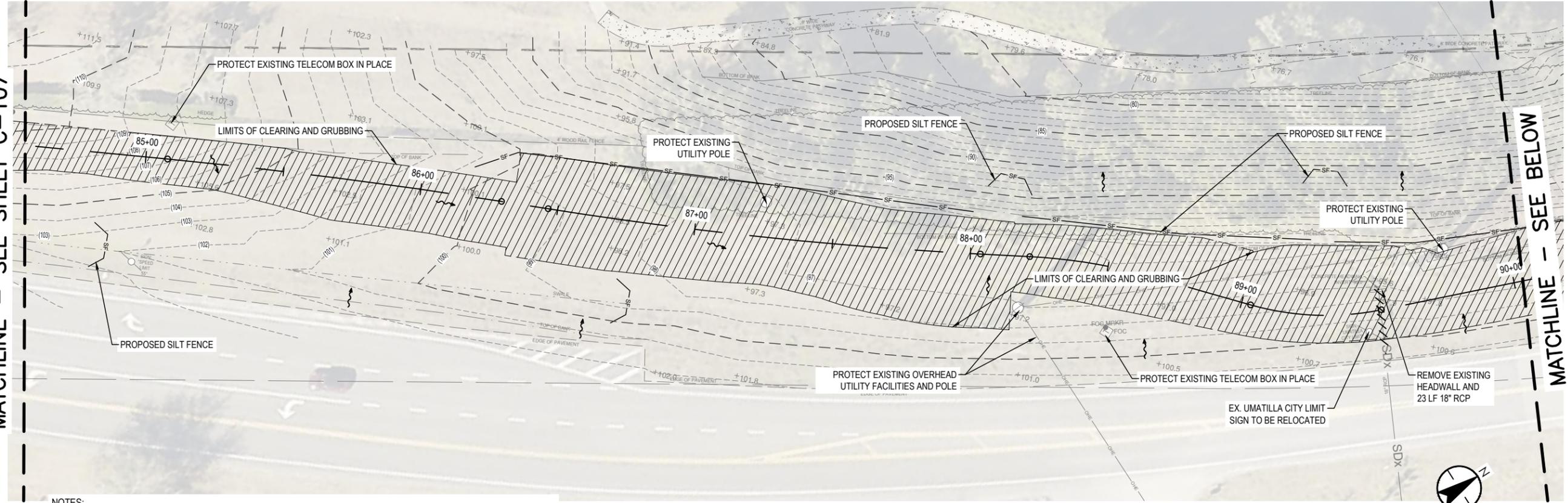
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MATCHLINE - SEE SHEET CD108

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE		DATE	
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NORTH LAKE TRAIL SEGMENT III-A DEMOLITION & EROSION CONTROL PLAN					
JOB NO.: 215811267					
SHEET: CD107					
350 N. SINCLAIR AVE., TAYLORS, FLORIDA 32778					

MATCHLINE - SEE SHEET C-107



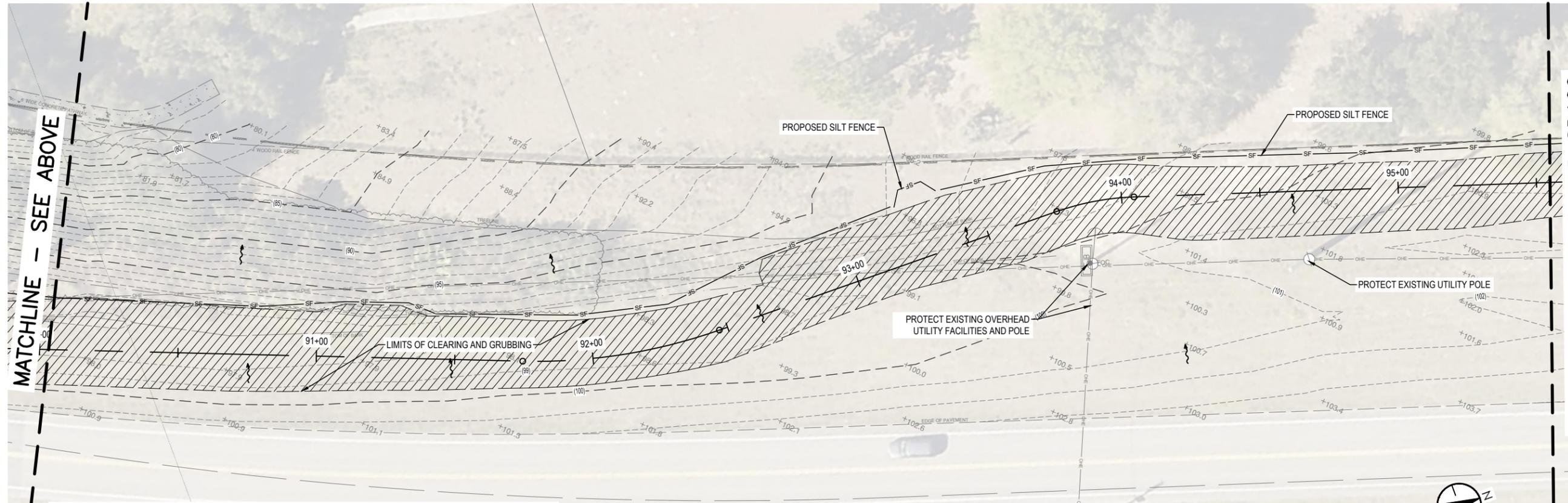
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1. REFER TO SHEET G-100 FOR EXISTING SITE LEGEND.
2. REFER TO SHEET G-100 FOR NEW WORK LEGEND.
3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.



MATCHLINE - SEE ABOVE



MATCHLINE - SEE SHEET CD109

NOTES:

1. REFER TO SHEET G-100 FOR EXISTING SITE LEGEND.
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3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.



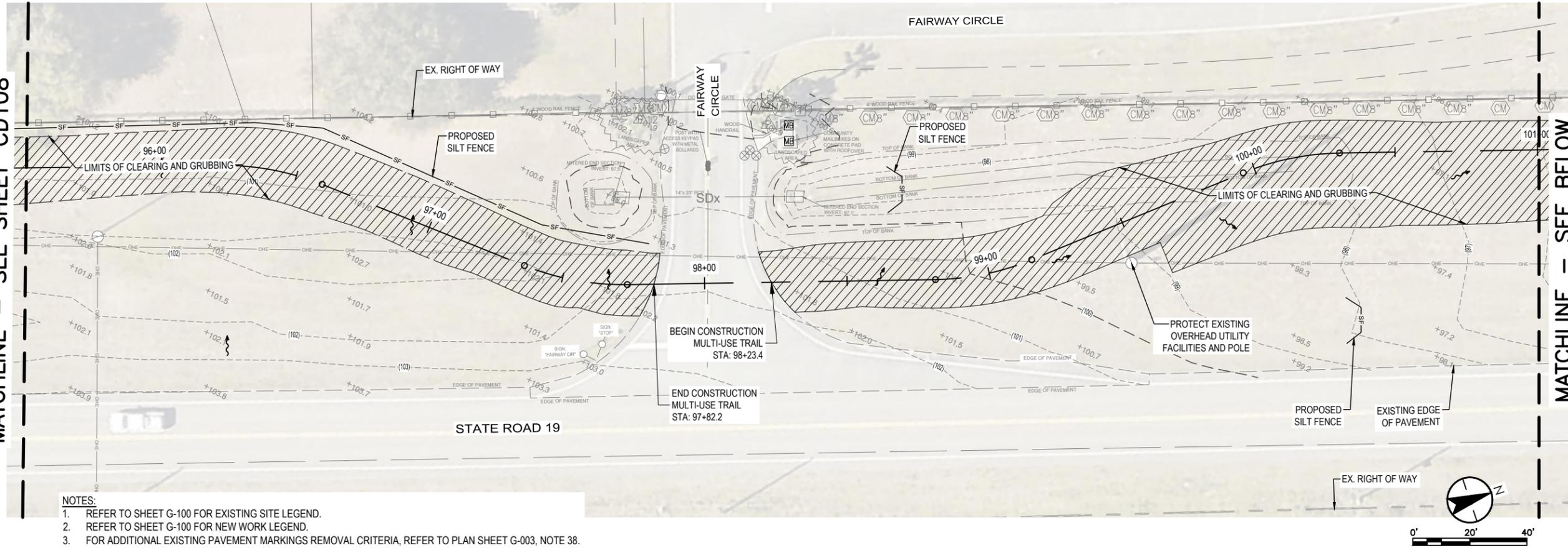
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350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 6	T. - 18S R. - 27E
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NORTH LAKE TRAIL
SEGMENT III-A
DEMOLITION & EROSION CONTROL
PLAN
JOB NO.: 215811267
SHEET: CD108

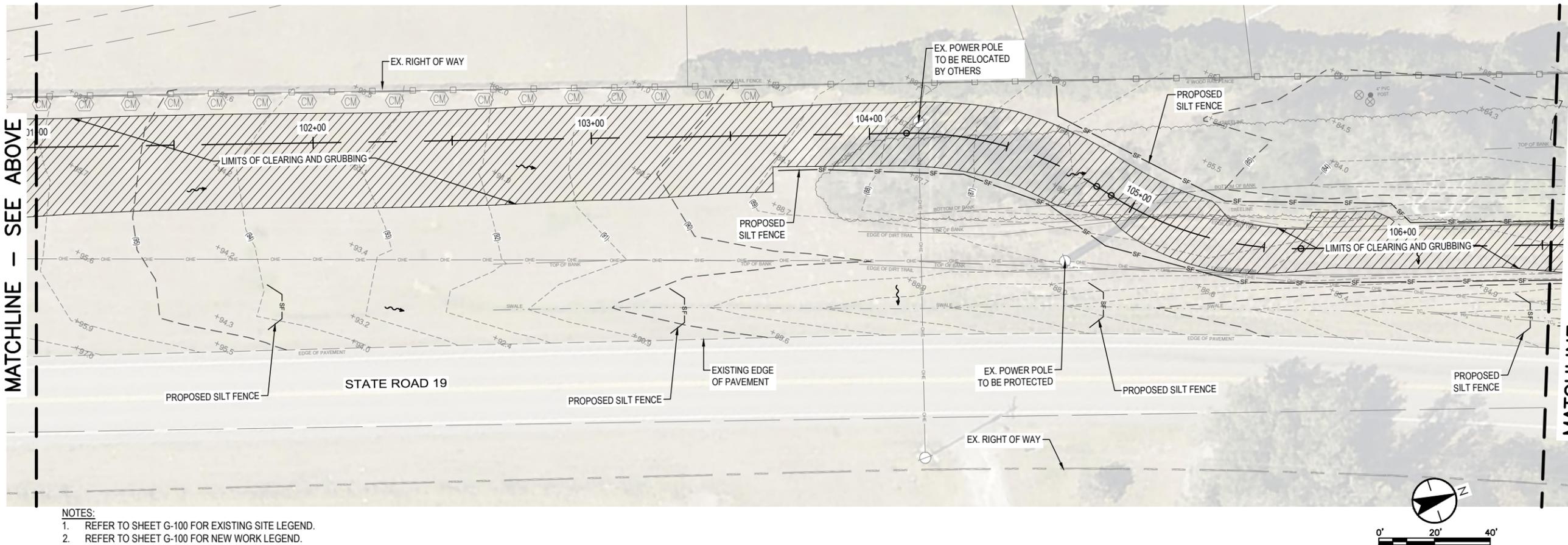
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- NOTES:
1. REFER TO SHEET G-100 FOR EXISTING SITE LEGEND.
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 3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.

MATCHLINE - SEE BELOW

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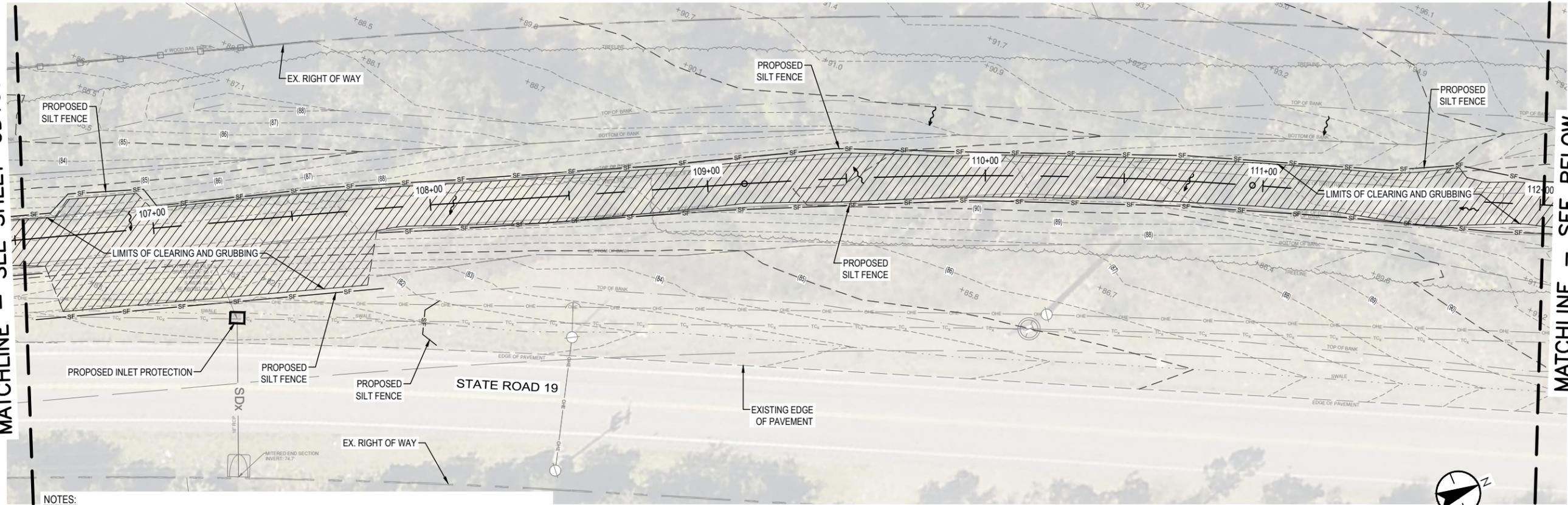


- NOTES:
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MATCHLINE - SEE SHEET CD110

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		DATE	
REVISION:	DATE	DATE	DATE
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JOB NO.: 215811267			
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MATCHLINE - SEE SHEET CD109

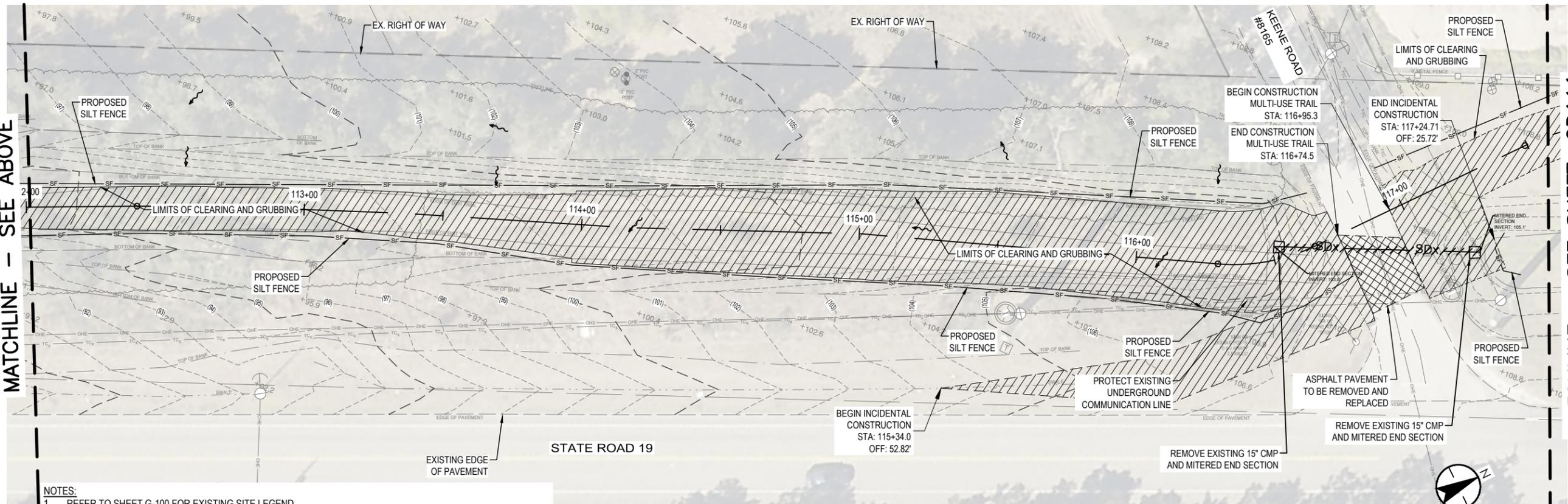


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MATCHLINE - SEE BELOW

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MATCHLINE - SEE SHEET CD111

NORTH LAKE TRAIL
SEGMENT III - A
DEMOLITION & EROSION CONTROL
PLAN

JOB NO.:
215811267
SHEET:
CD110

REVISION: DATE

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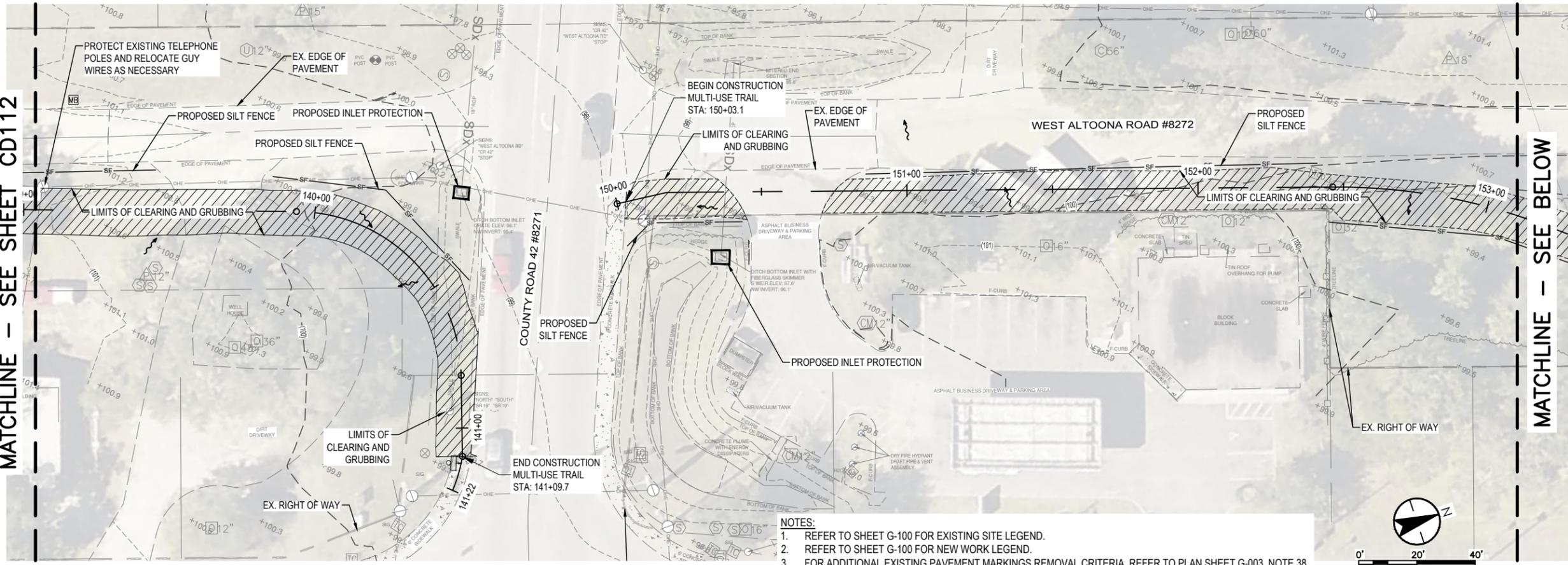
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ENGINEERING DIVISION

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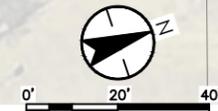
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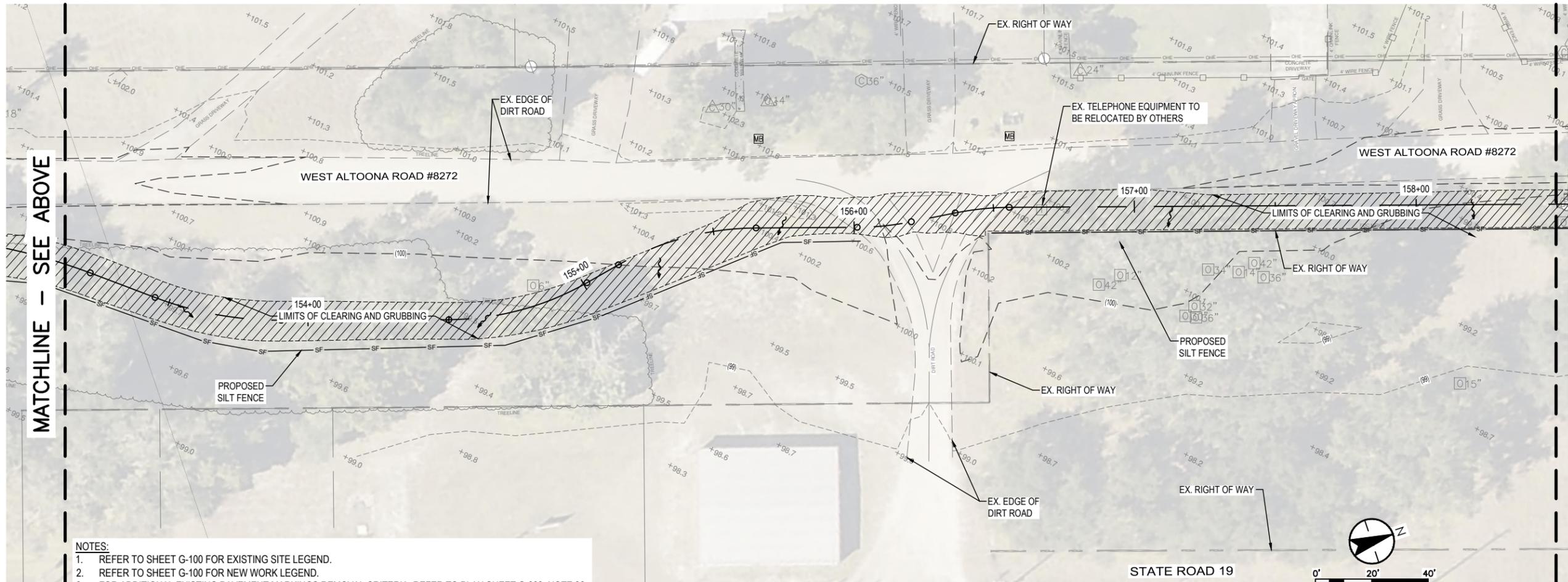
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MATCHLINE - SEE ABOVE



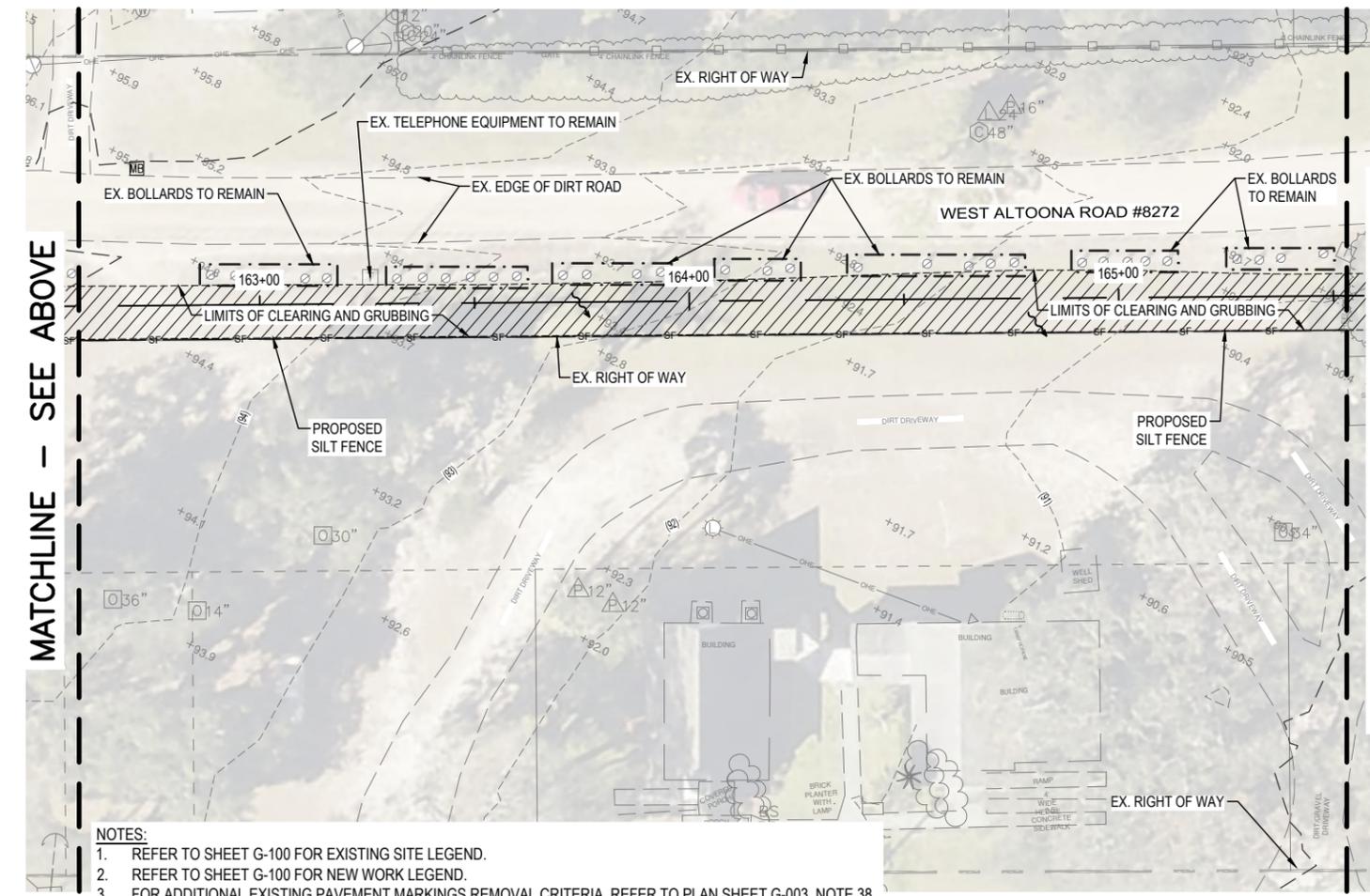
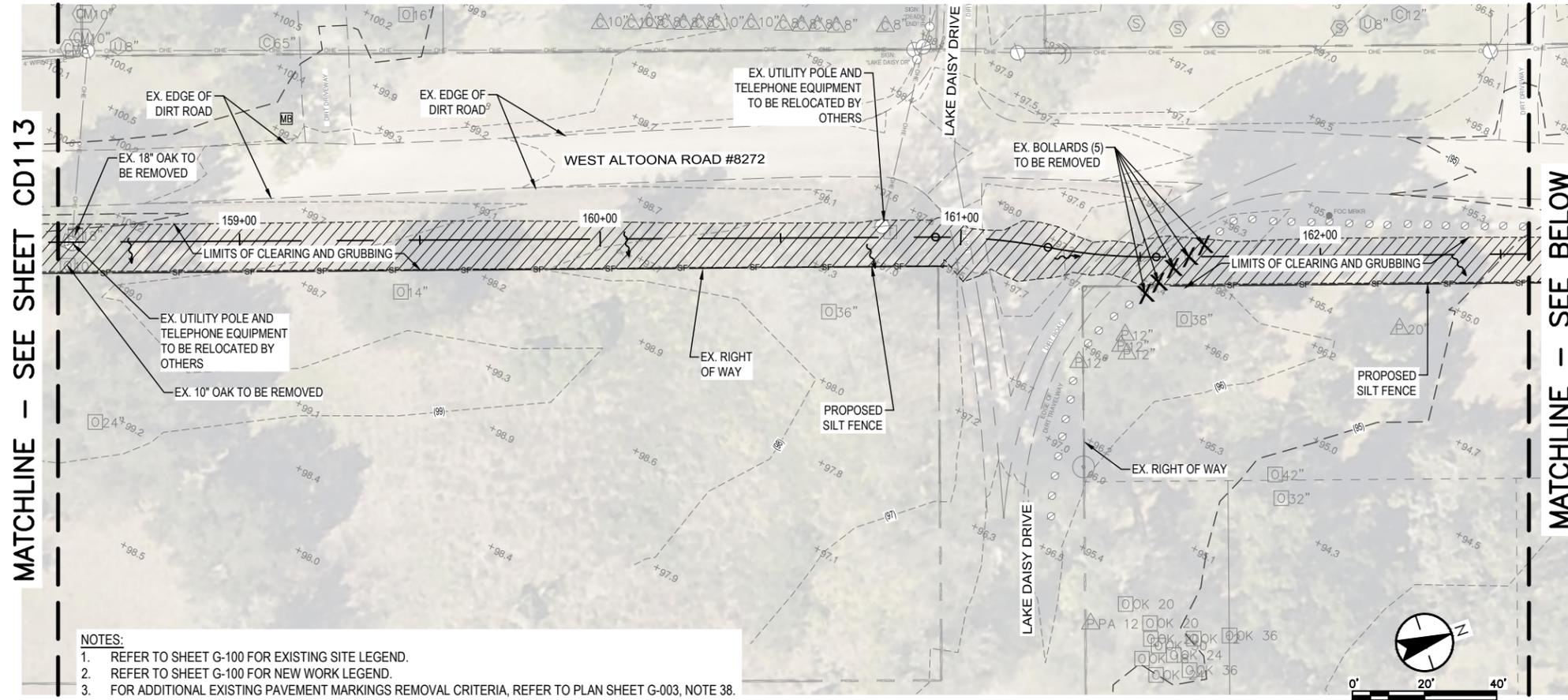
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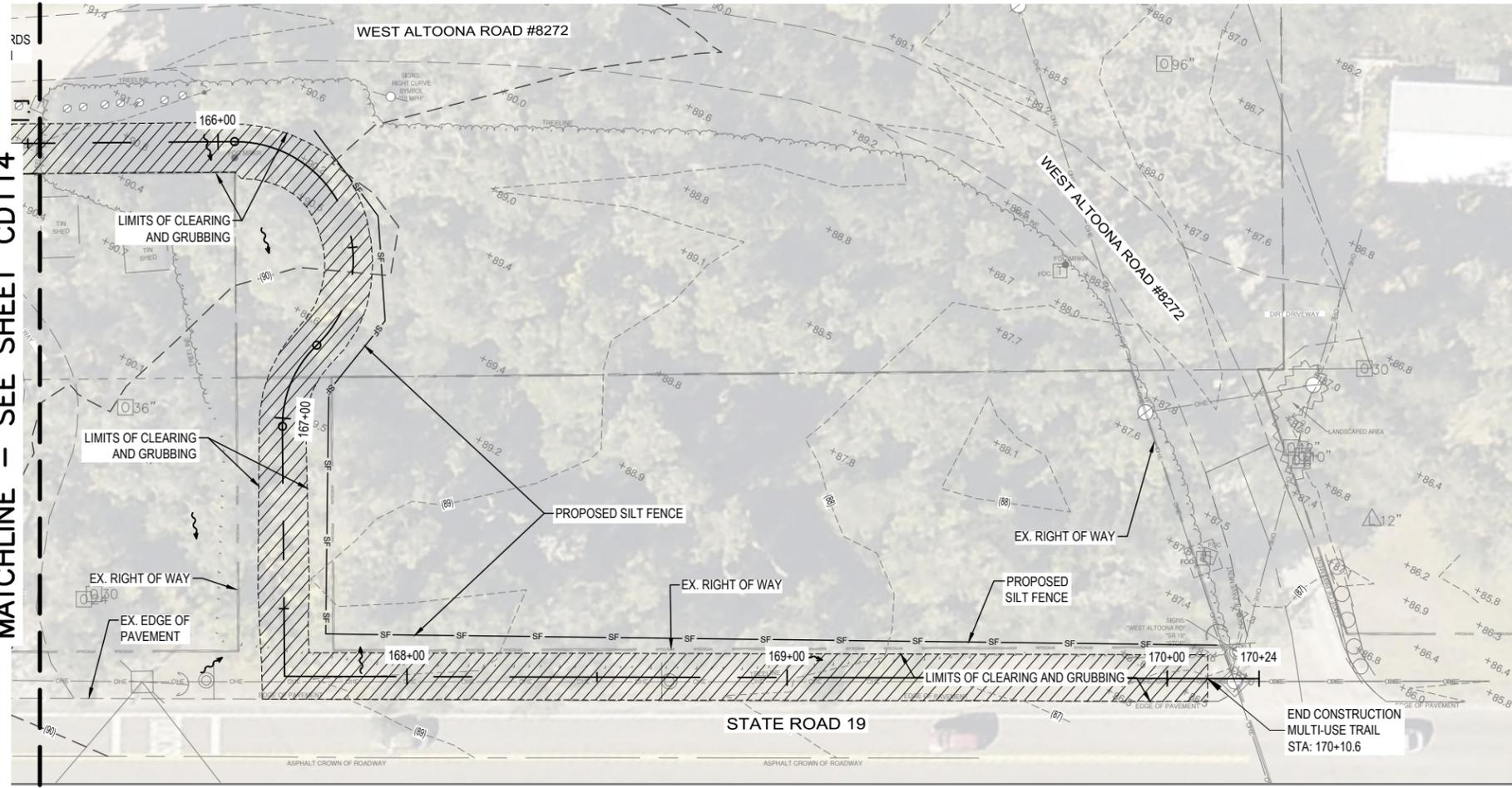


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NORTH LAKE TRAIL SEGMENT III-A DEMOLITION & EROSION CONTROL PLAN					
JOB NO.: 215811267					
SHEET: CD113					
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778					



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE		DATE	
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778					
S. - 6	T. - 18S	R. - 27E	REVISION:	DATE	
SURVEYED: N.A.		DATE: 07/07/24			
FIELD BOOK: N.A.		PAGE: N.A.			
DESIGNED: CSM		DATE: 08/07/24			
DRAWN: CDH		DATE: 04/01/24			
APPROVED: AIM		DATE: 08/09/24			
NORTH LAKE TRAIL SEGMENT III-A DEMOLITION & EROSION CONTROL PLAN					
JOB NO.: 215811267					
SHEET: CD114					

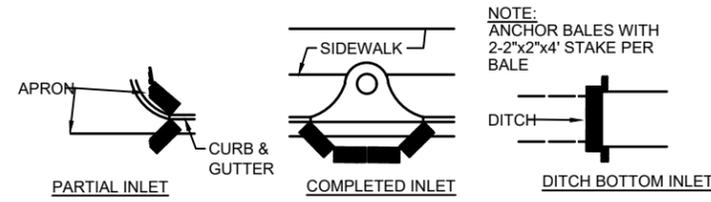
MATCHLINE - SEE SHEET CD114



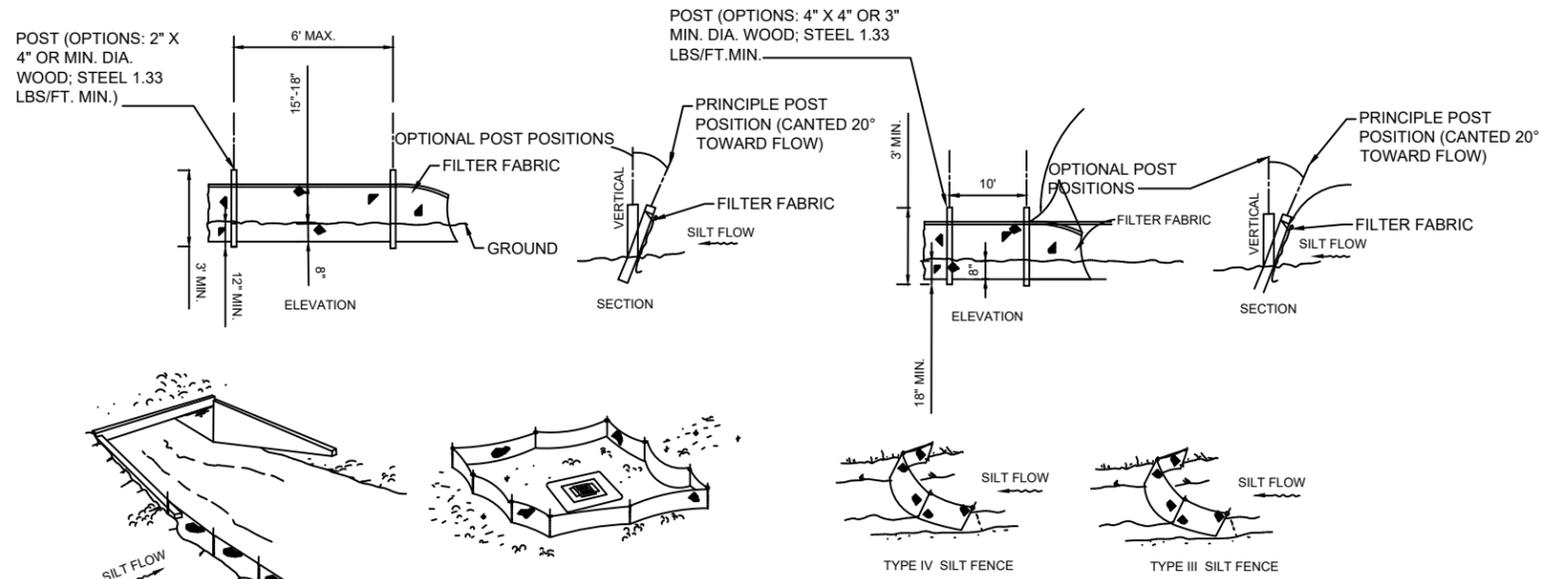
NOTES:

1. REFER TO SHEET G-100 FOR EXISTING SITE LEGEND.
2. REFER TO SHEET G-100 FOR NEW WORK LEGEND.
3. FOR ADDITIONAL EXISTING PAVEMENT MARKINGS REMOVAL CRITERIA, REFER TO PLAN SHEET G-003, NOTE 38.

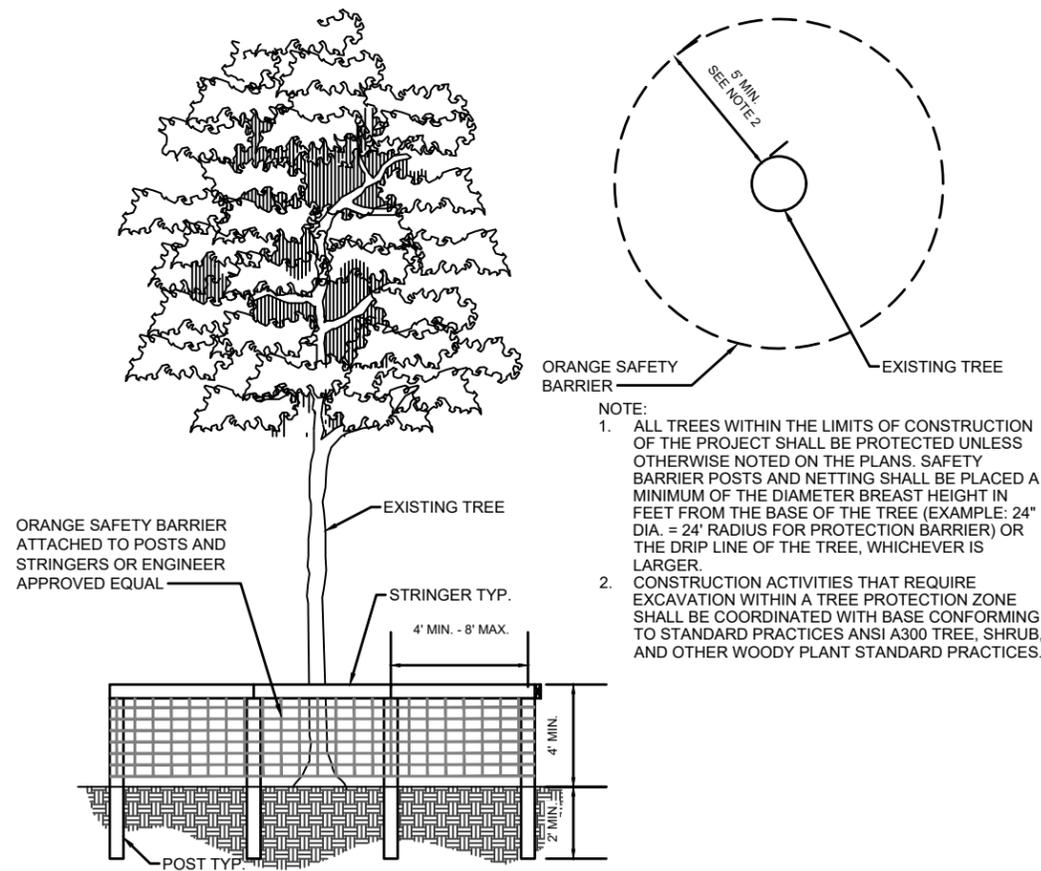
NORTH LAKE TRAIL SEGMENT III-A DEMOLITION & EROSION CONTROL PLAN		REVISION: DATE
S. - 6	T. - 18S	R. - 27E
SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.
FIELD BOOK: N.A.	PAGE: N.A.	DATE: 08/07/24
DESIGNED: CSM	DATE: 04/01/24	DATE: 08/09/24
DRAWN: CDH	DATE: 04/01/24	DATE: 08/09/24
APPROVED: AIM	DATE: 04/01/24	DATE: 08/09/24
JOB NO.: 215811267		SHEET: CD115
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE DATE
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		



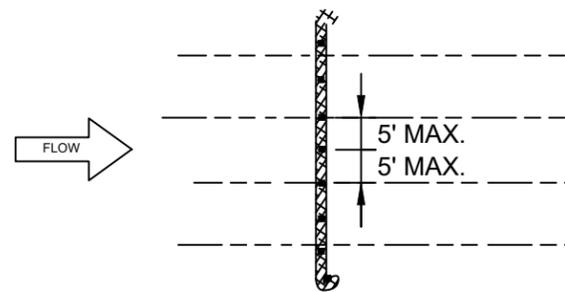
1 INLET PROTECTION DETAIL
1" = 20'



2 SILT FENCE DETAIL
NTS



3 TREE PROTECTION DETAIL
NTS

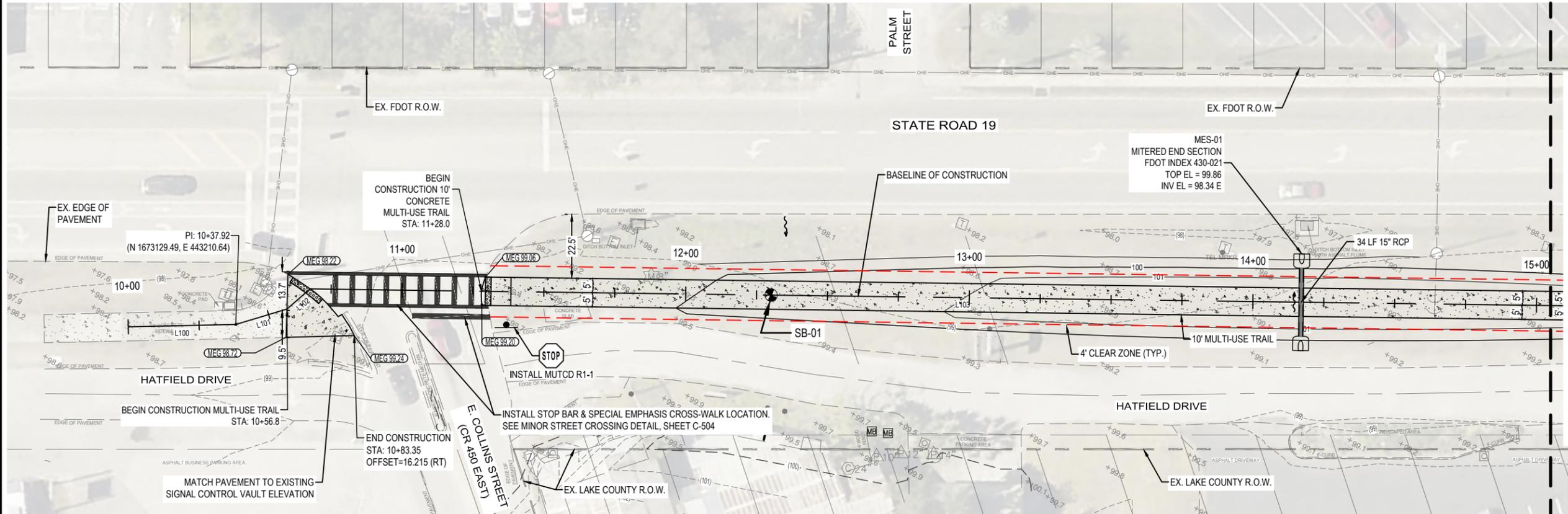


- NOTES:**
1. ALL MATERIAL TO MEET SPECIFICATIONS PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
 2. FOR USE ON PAVEMENT/CONCRETE, ROCK BAGS SHALL BE USED BEHIND THE FILTER SOCK FOR STABILIZATION.
 3. FILTER SOCKS SHALL BE INSPECTED AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF EACH 1/2 INCH OR GREATER RAINFALL EVENT. REPLACEMENTS AND REPAIRS MUST BE MADE WITHIN A MAXIMUM OF 7 DAYS.
 4. SEDIMENT DEPOSITS SHOULD BE REMOVED ONCE THE ACCUMULATED HEIGHT HAS REACHED 1/2 THE HEIGHT OF THE BARRIER.

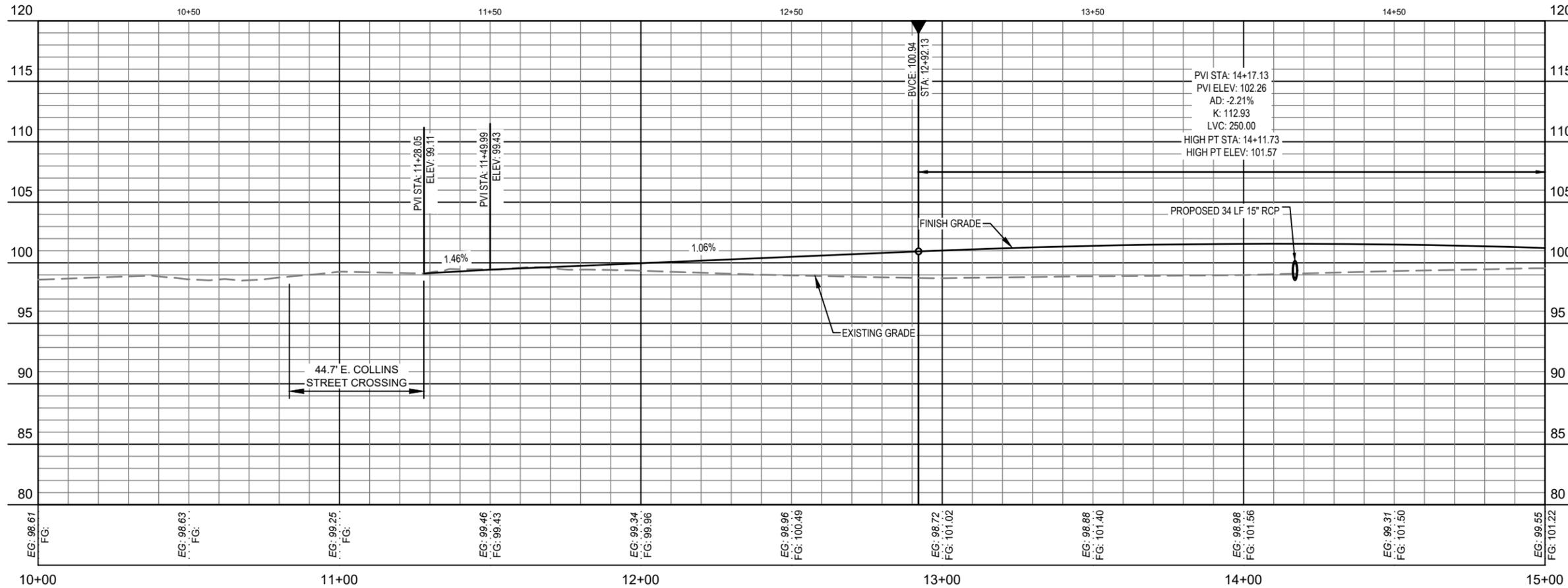
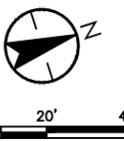
4 FILTER SOCK DETAIL
NTS

NOTE: SPACING FOR TYPE III & TYPE IV FENCE TO BE IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, FDOT INDEX NO. 102 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3, FDOT INDEX NO. 102.

SIGNATURE		DATE	
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION			
REVISION:		DATE	
S. - 6	T. - 18S	R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24	DESIGNED: CSM	DATE: 08/07/24
FIELD BOOK: N.A.	PAGE: N.A.	DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24		
NORTH LAKE TRAIL SEGMENT III - A DEMOLITION & EROSION CONTROL DETAILS			
JOB NO.: 215811267			
SHEET: CD501			

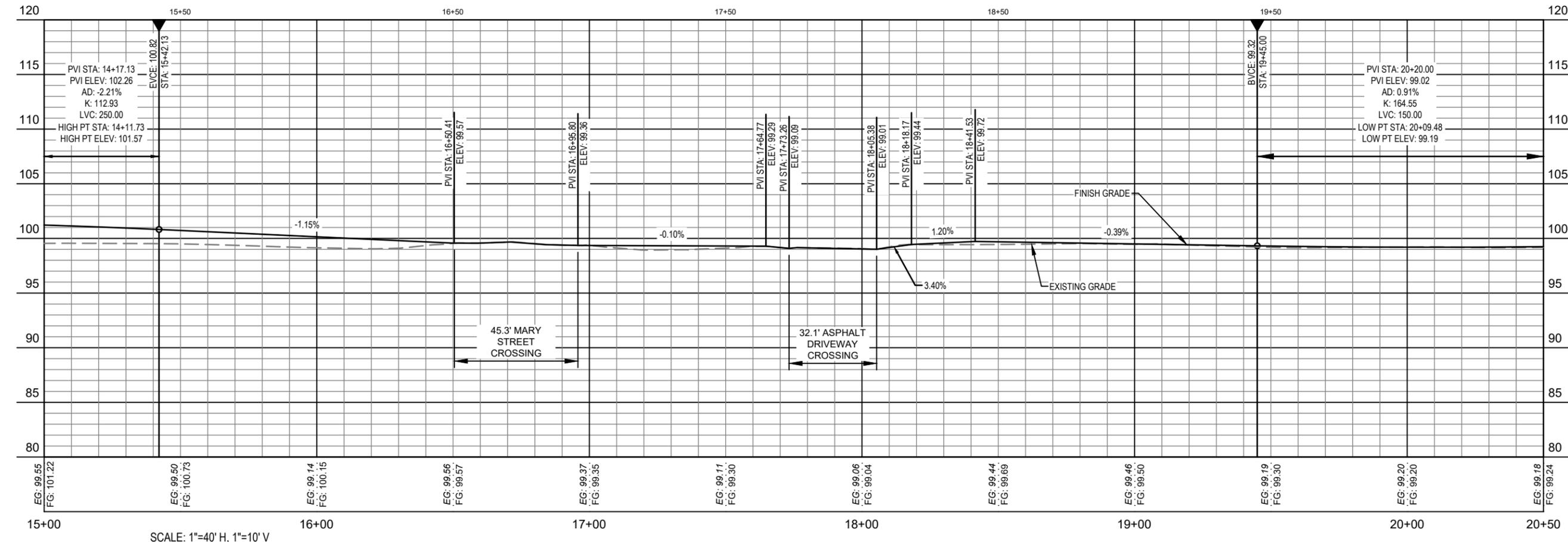
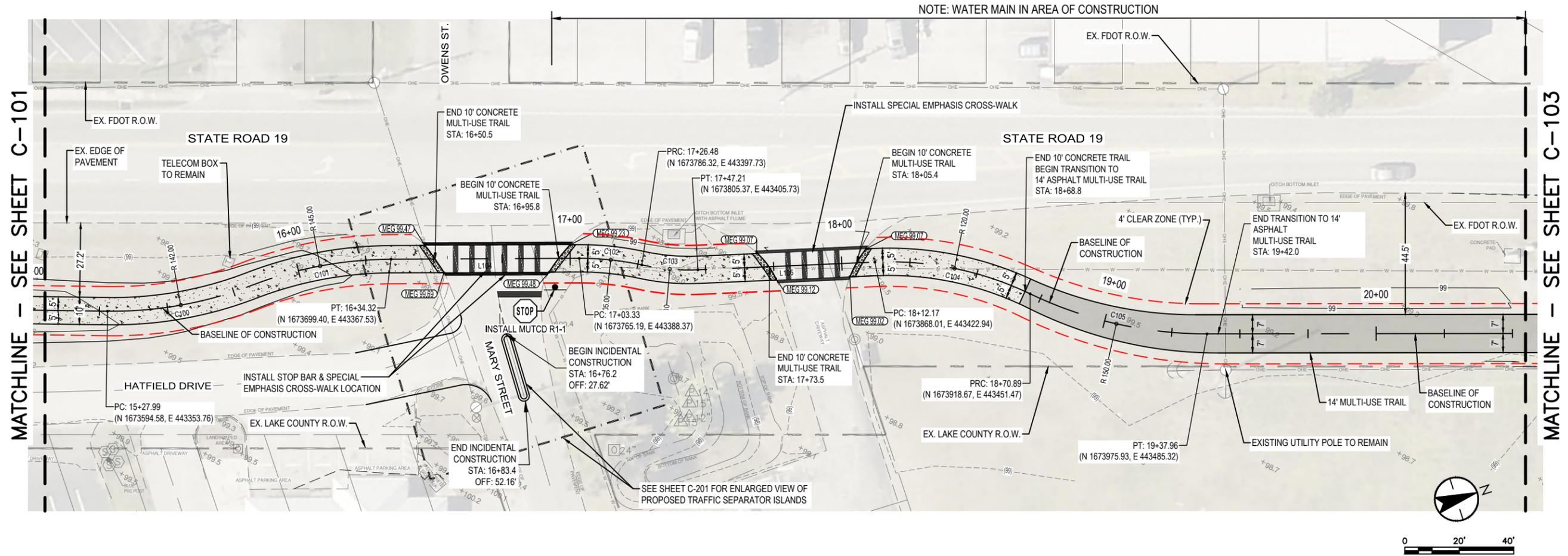


MATCHLINE - SEE SHEET C-102

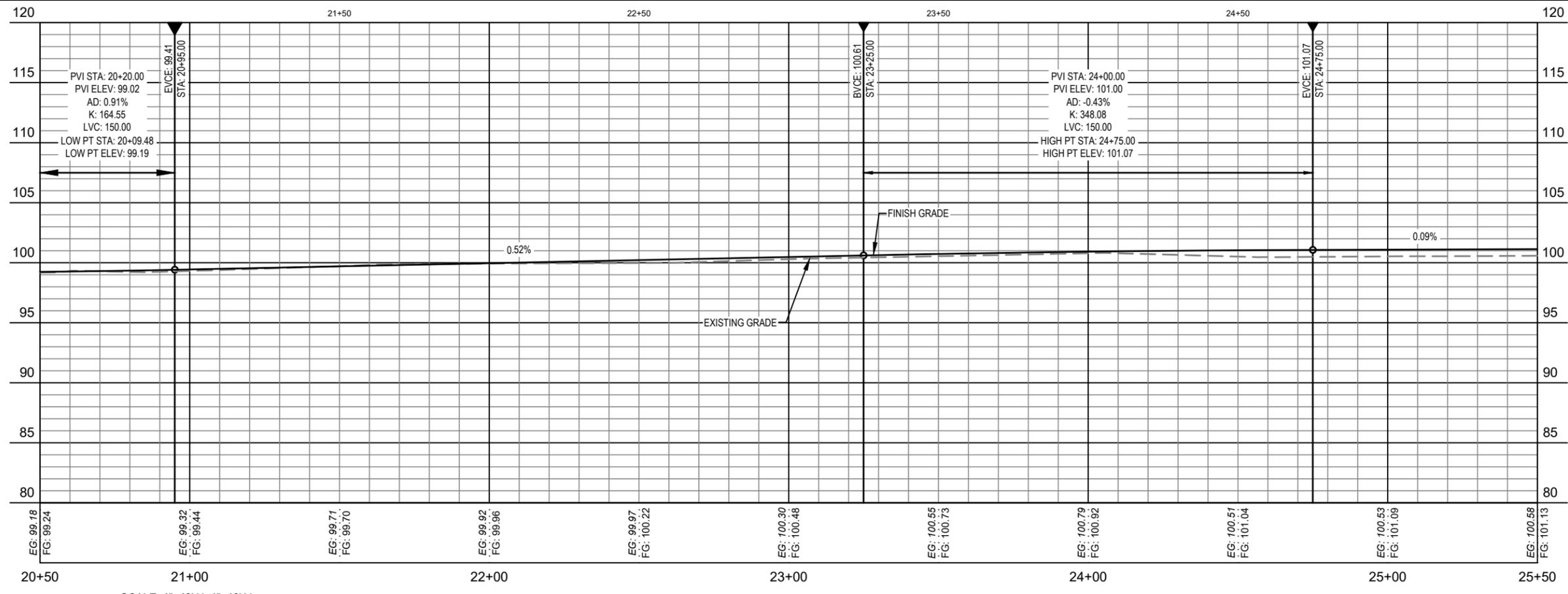
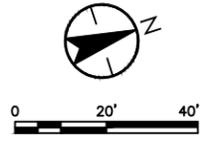
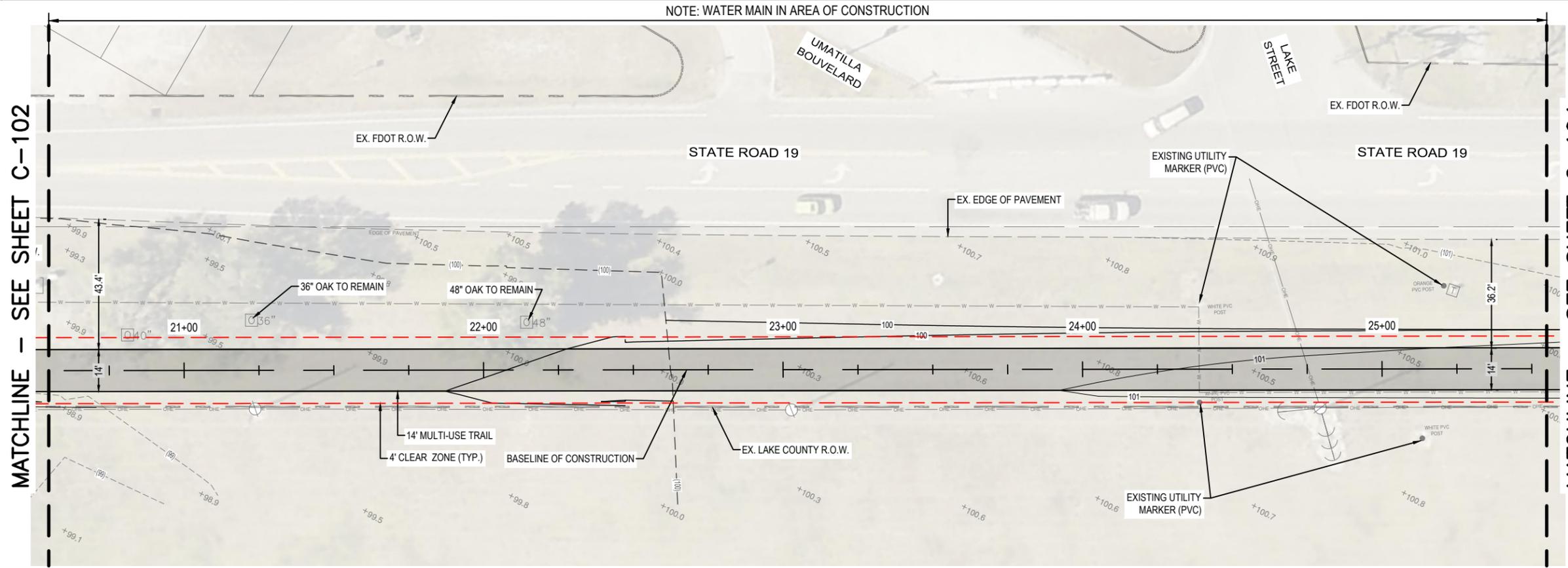


SCALE: 1"=40' H, 1"=10' V

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 10+00 TO STA. 15+00		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	
JOB NO: 215811267	SHEET: C-101	REVISION:	DATE
S. - 6	T. - 18S	R. - 27E	DATE: 07/07/24
SURVEYED: N.A.	PAGE: N.A.	DESIGNED: CSM	DATE: 08/07/24
FIELD BOOK: N.A.	DRAWN: CDH	APPROVED: AIM	DATE: 04/01/24
DATE: 08/07/24	DATE: 08/09/24	DATE: 08/09/24	DATE: 08/09/24



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 15+00 TO STA. 20+50		JOB NO.: 215811267	
S. - 6		T. - 18S	R. - 27E
SURVEYED: N.A. DATE: 07/07/24		FIELD BOOK: N.A. PAGE: N.A.	
DESIGNED: CSM DATE: 08/07/24		DRAWN: CDH DATE: 04/01/24	
APPROVED: AIM DATE: 08/09/24			
SHEET: C-102		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	



MATCHLINE - SEE SHEET C-102

MATCHLINE - SEE SHEET C-104

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

JOB NO.: 215811267

SHEET: C-103

REVISION:	DATE
S. - 6	T. - 18S
R. - 27E	

DATE: 07/07/24

DATE: 08/07/24

DATE: 04/01/24

DATE: 08/09/24

APPROVED: AIM

DESIGNED: CSM

DRAWN: CDH

FIELD BOOK: N.A.

PAGE: N.A.

TRAIL PLAN & PROFILE STA. 20+50 TO STA. 25+50

SEGMENT III - A

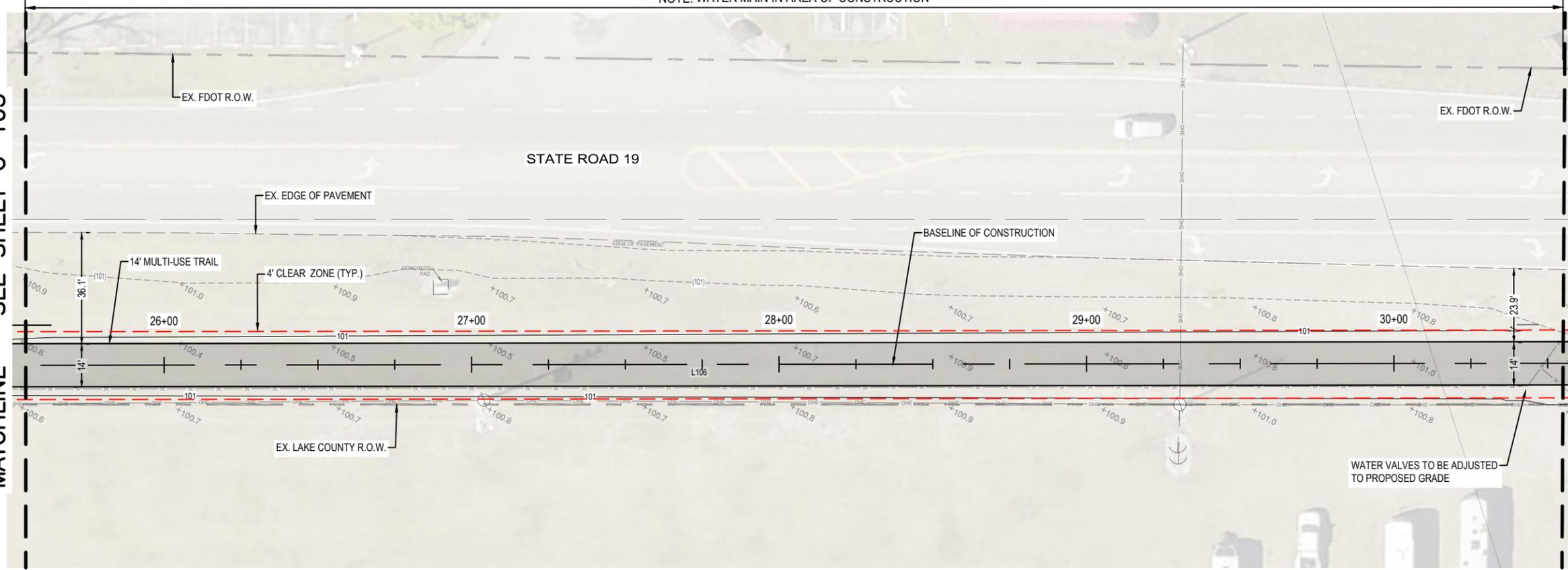
NORTH LAKE TRAIL

SIGNATURE

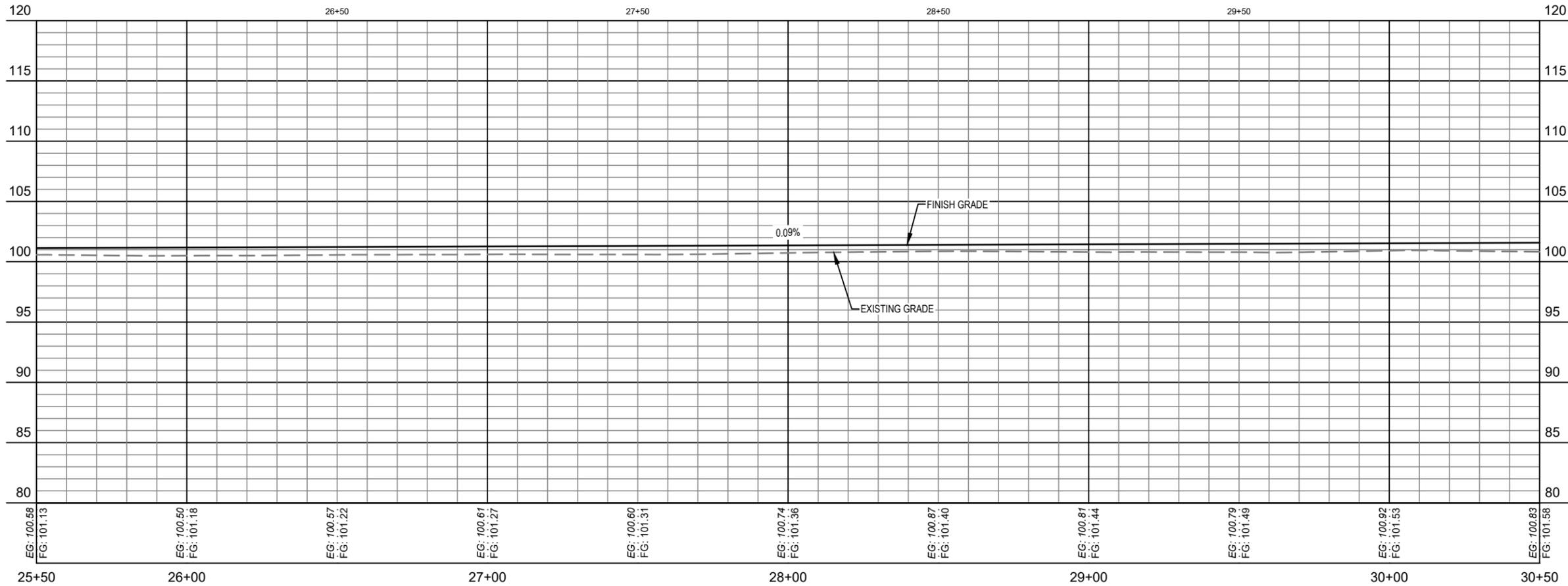
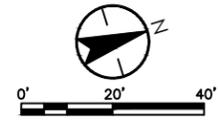
DATE

NOTE: WATER MAIN IN AREA OF CONSTRUCTION

MATCHLINE - SEE SHEET C-103

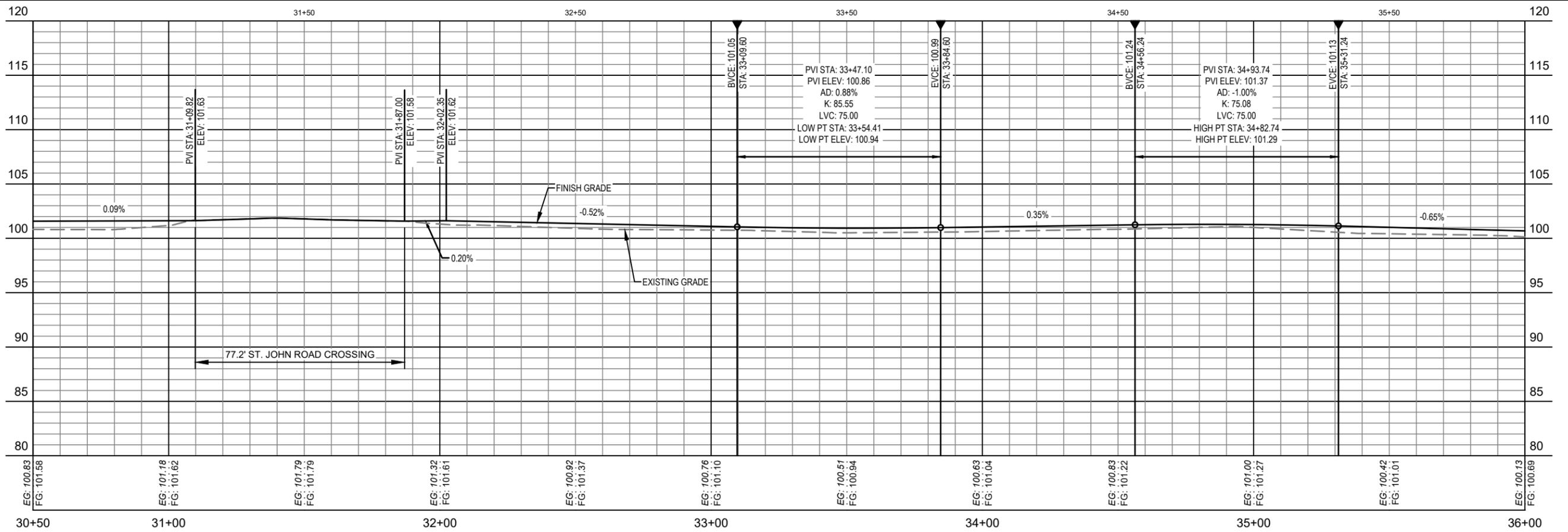
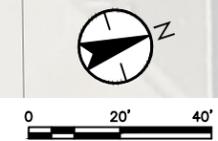
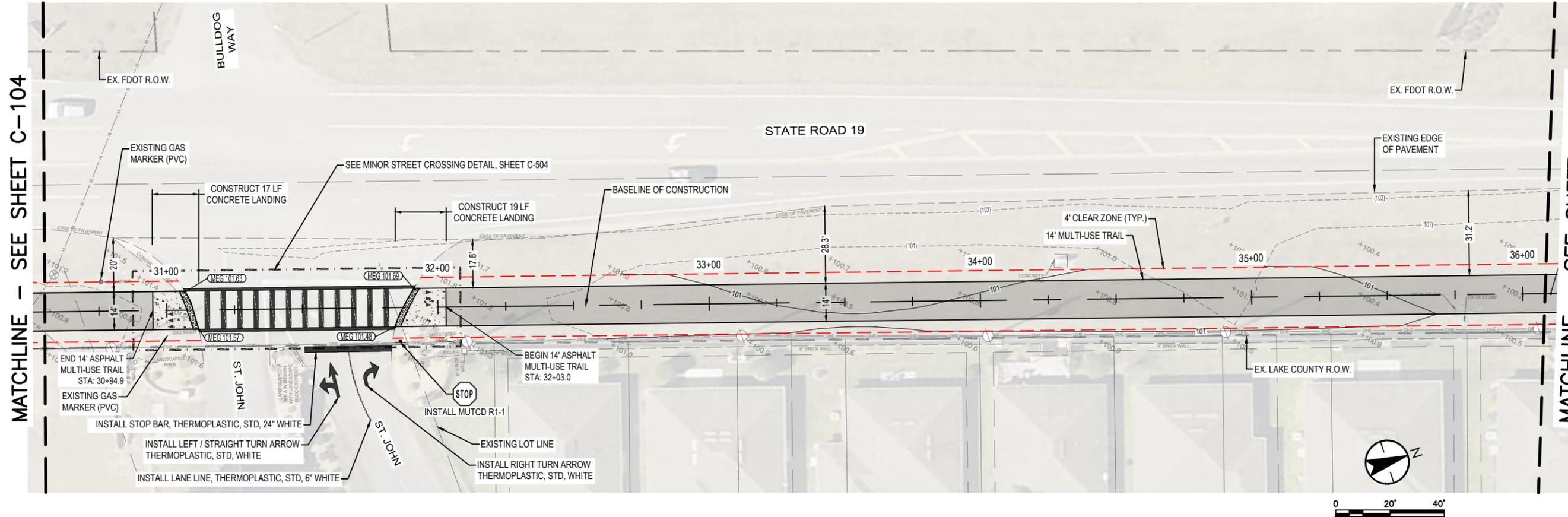


MATCHLINE - SEE SHEET C-105



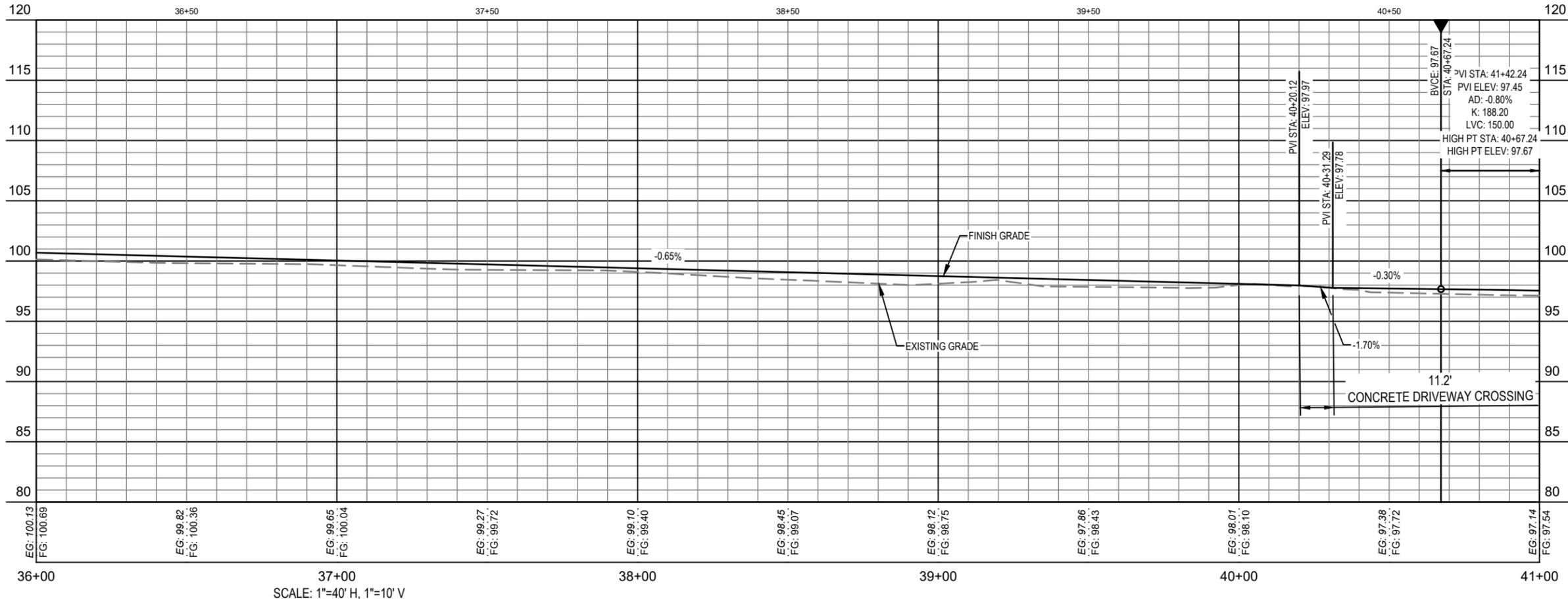
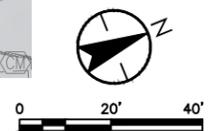
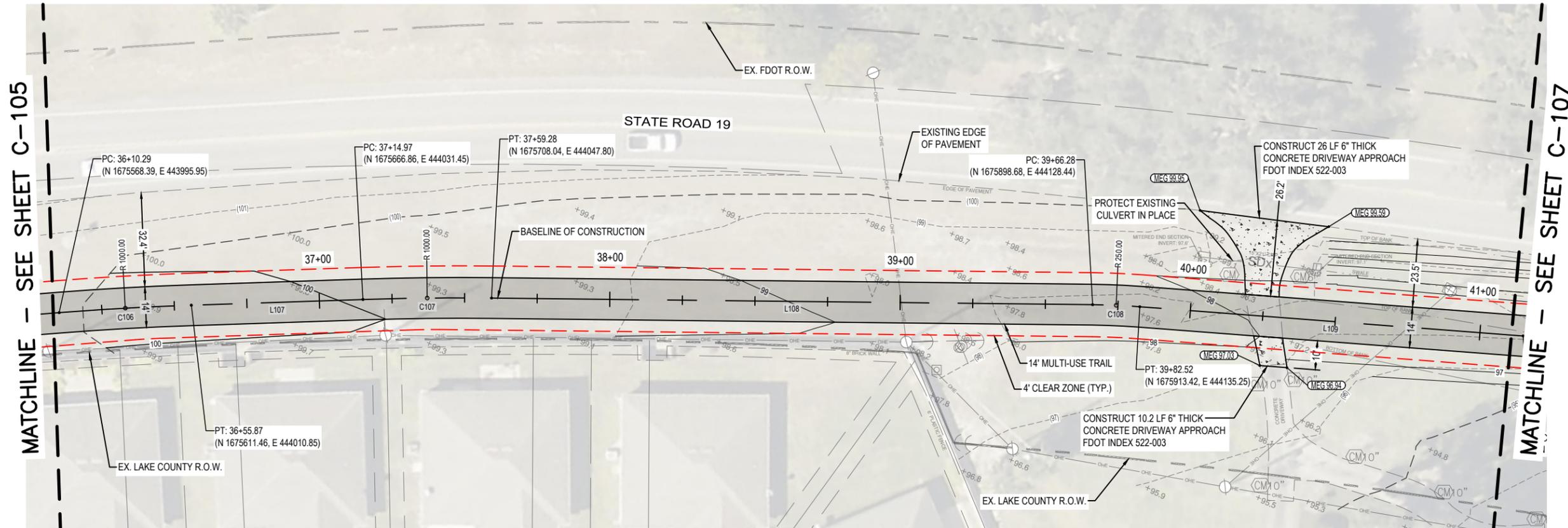
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DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE
		DATE
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		
S. - 6	T. - 18S	R. - 27E
SURVEYED: N.A.	DATE: 07/07/24	
FIELD BOOK: N.A.	PAGE: N.A.	
DESIGNED: CSM	DATE: 08/07/24	
DRAWN: CDH	DATE: 04/01/24	
APPROVED: AIM	DATE: 08/09/24	
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 25+50 TO STA. 30+50		
JOB NO.: 215811267		
SHEET: C-104		

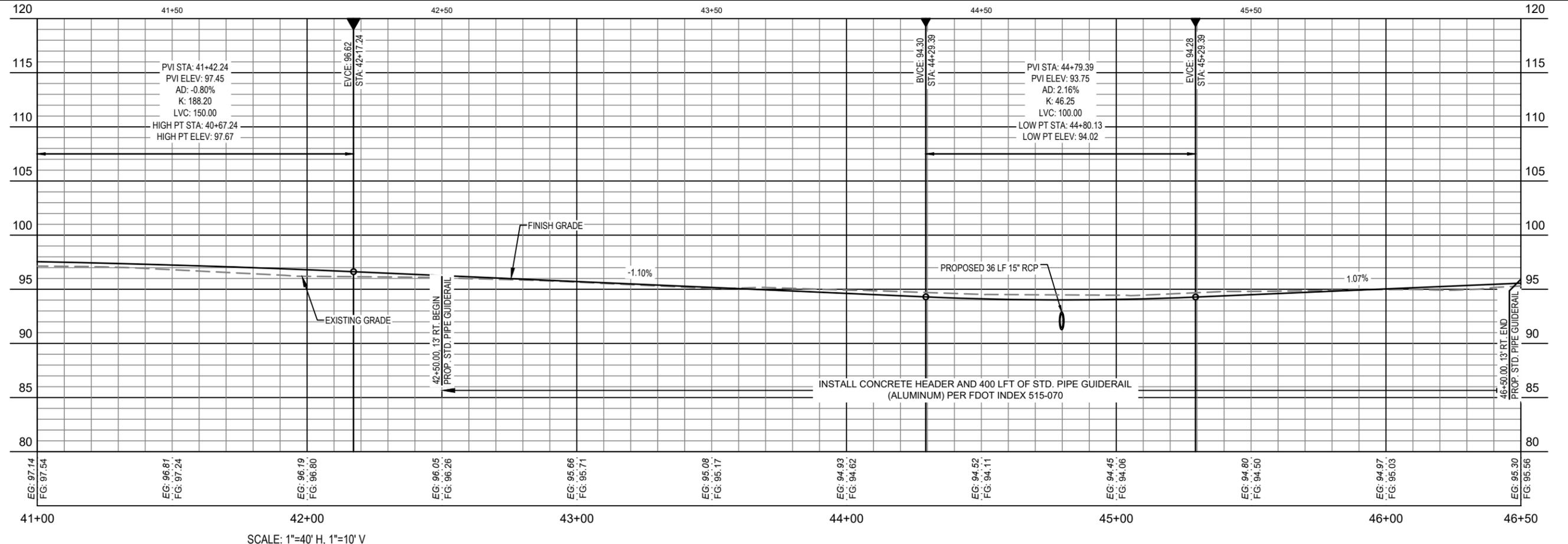
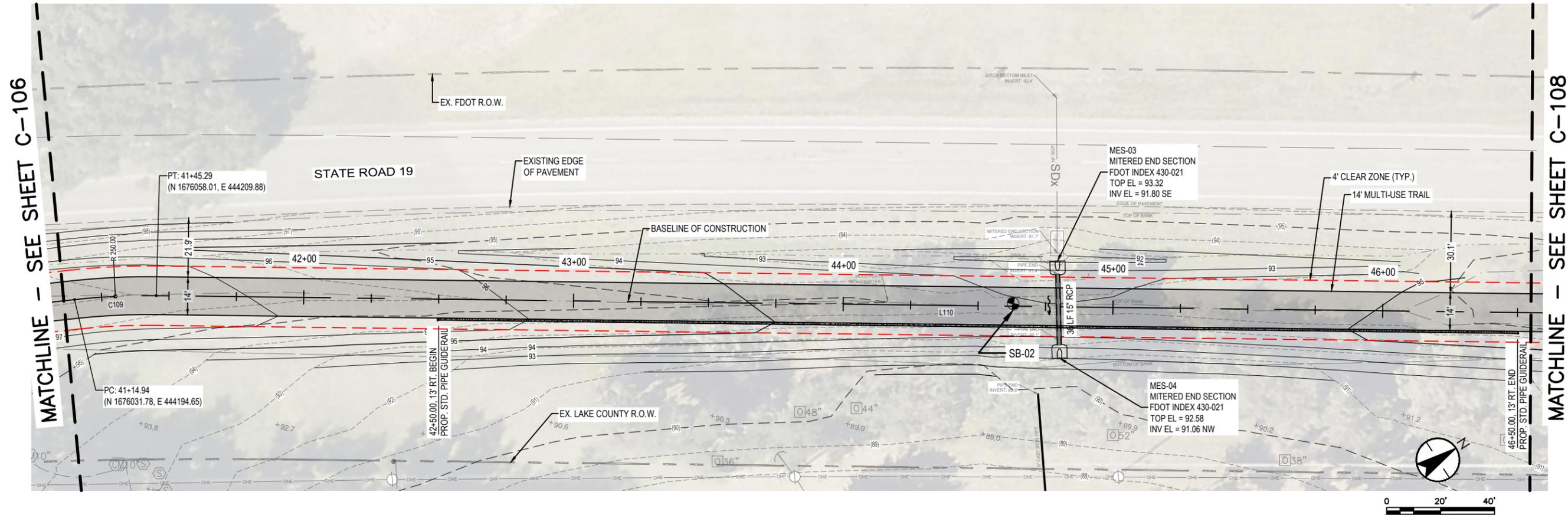


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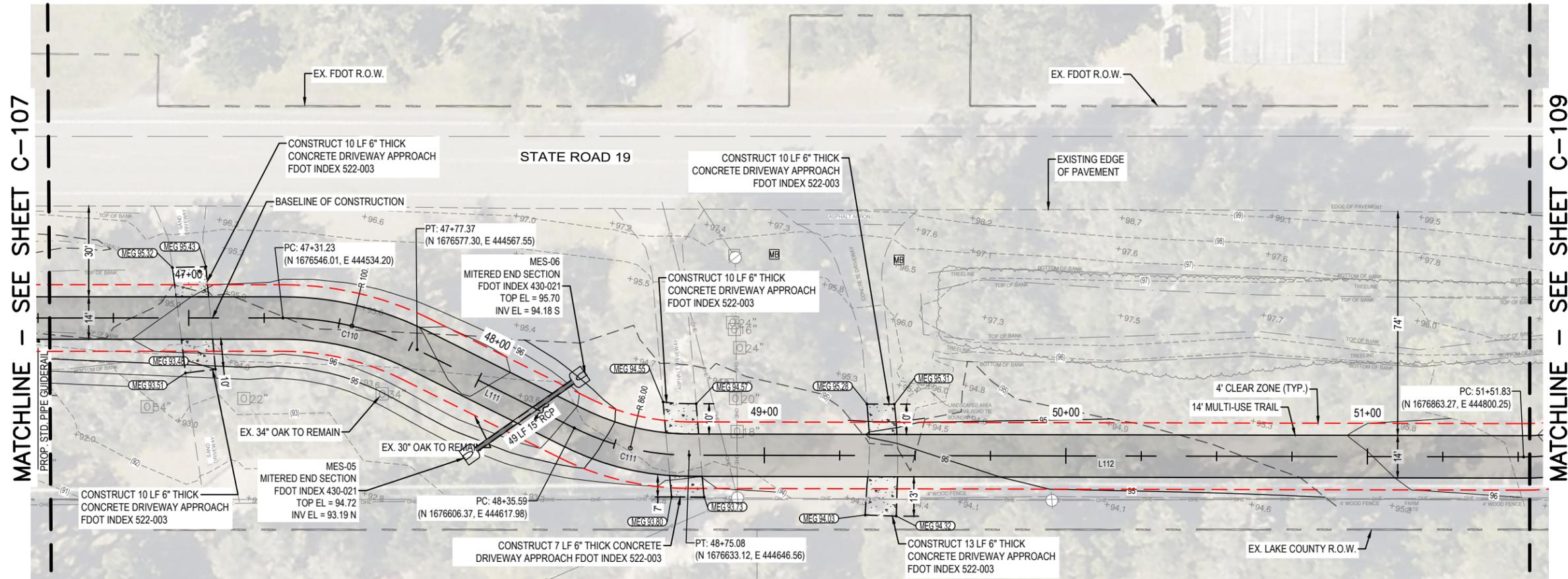
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 30+50 TO STA. 36+00		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	
JOB NO.:	215811267		
SHEET:	C-105		
REVISION:	DATE	DATE	DATE
S. - 6	T. - 18S	R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.	
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APPROVED: AIM	DATE: 08/09/24		



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		DATE	
REVISION:	DATE	T. - 18S	R. - 27E
S. - 6			
SURVEYED: N.A.	DATE: 07/07/24	FIELD BOOK: N.A.	PAGE: N.A.
DESIGNED: CSM	DATE: 08/07/24	DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24		
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 36+00 TO STA. 41+00			
JOB NO.: 215811267			
SHEET: C-106			

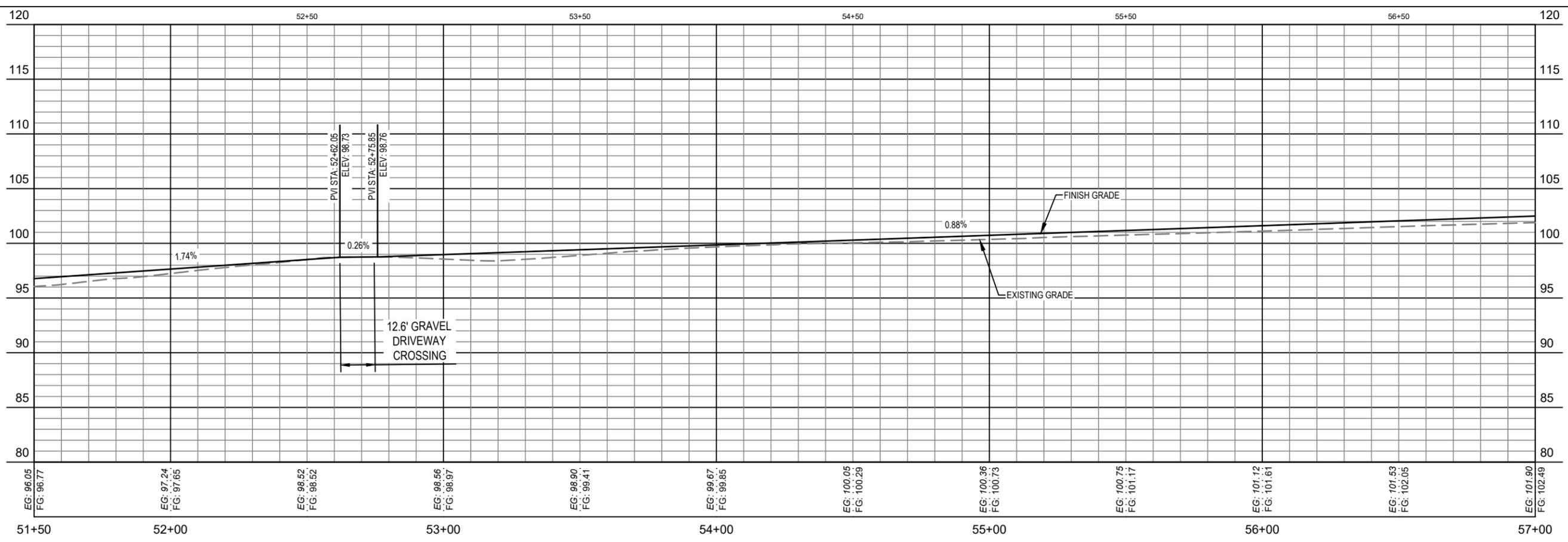
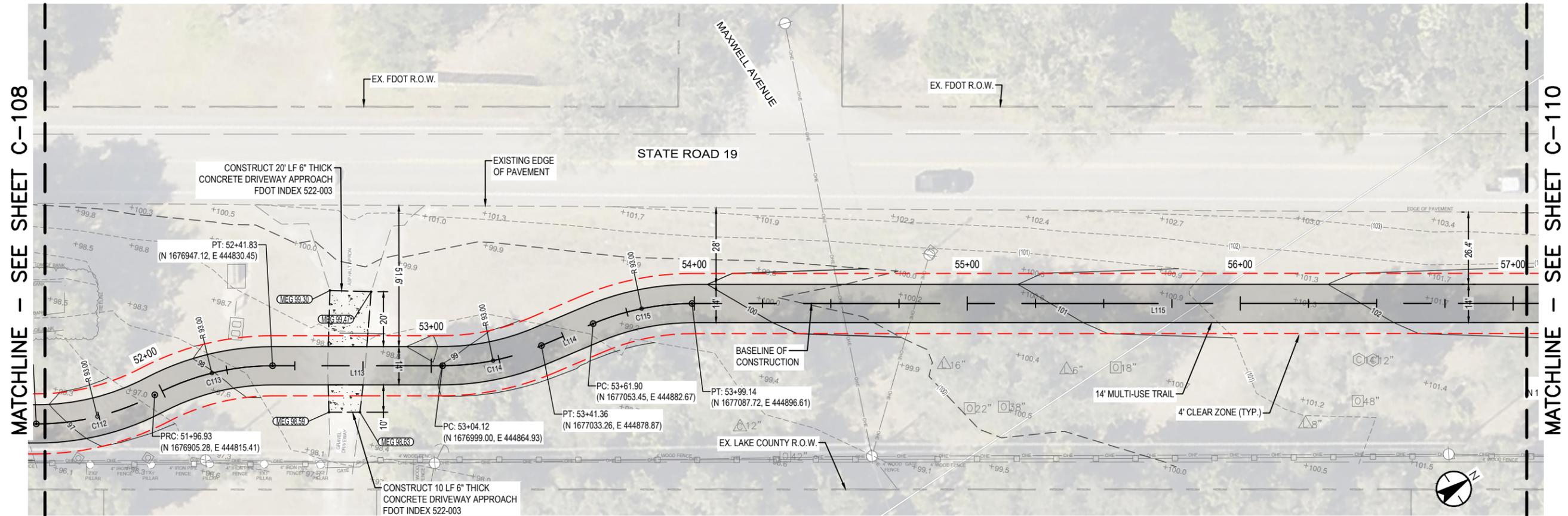


DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	
		DATE	
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778			
REVISION:	DATE		
S. - 6	T. - 18S	R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24		
FIELD BOOK: N.A.	PAGE: N.A.		
DESIGNED: CSM	DATE: 08/07/24		
DRAWN: CDH	DATE: 04/01/24		
APPROVED: AIM	DATE: 08/09/24		
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 41+00 TO STA. 46+50			
JOB NO.: 215811267			
SHEET: C-107			



PLOTTED BY: Holmes, Ayona

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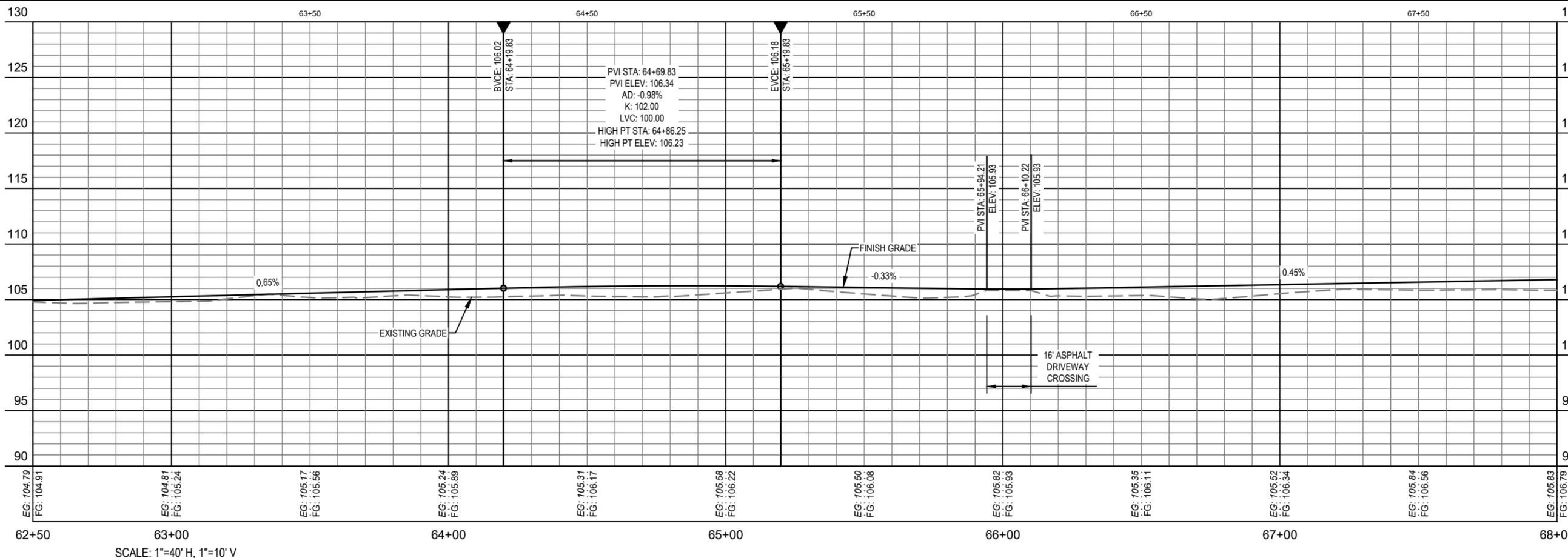
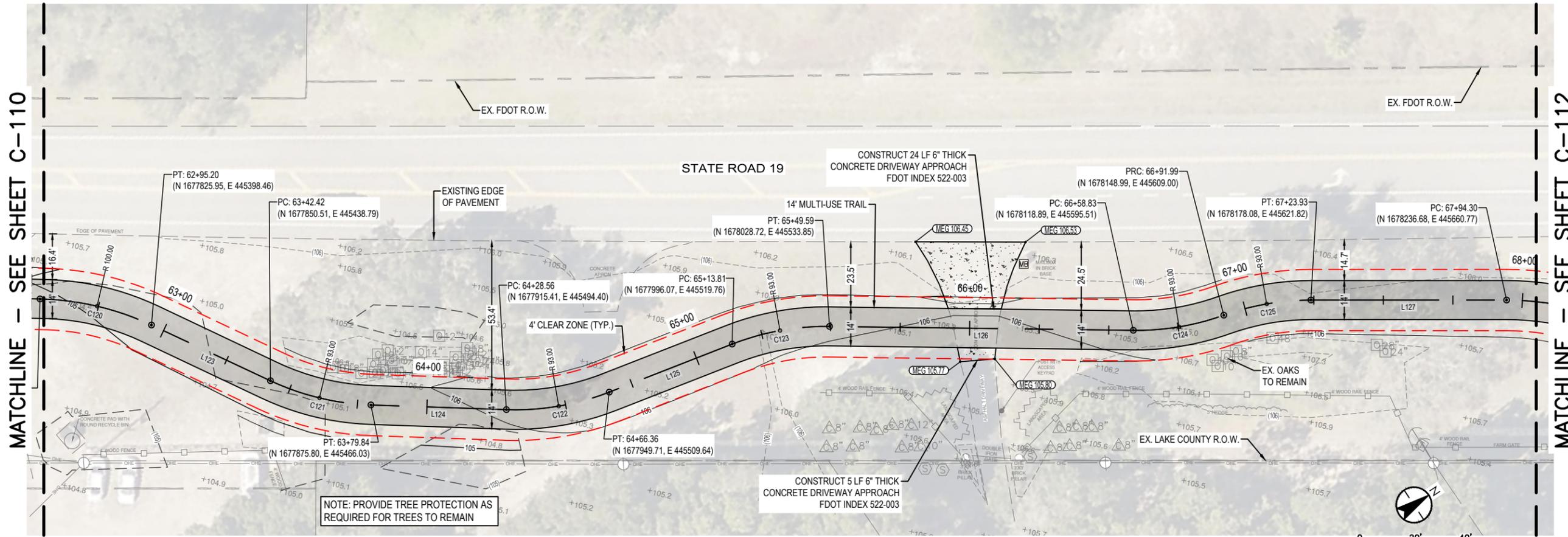
SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 6	T. - 18S
R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24
FIELD BOOK: N.A.	PAGE: N.A.
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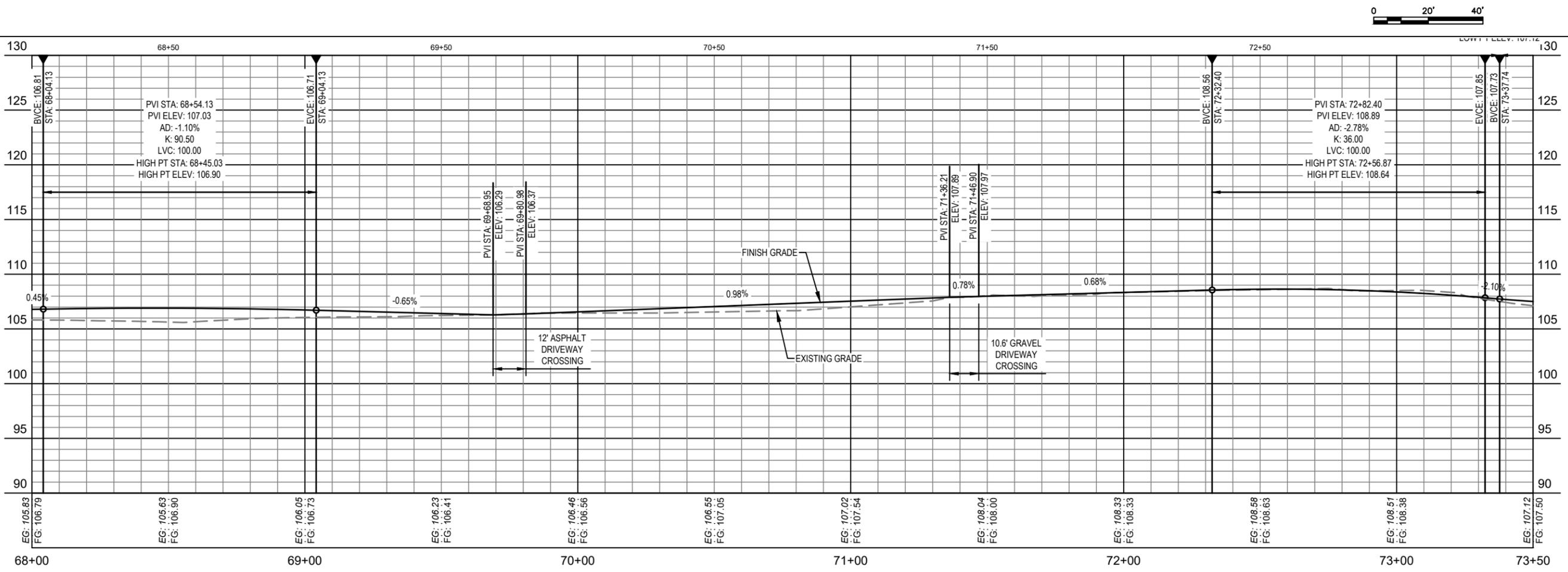
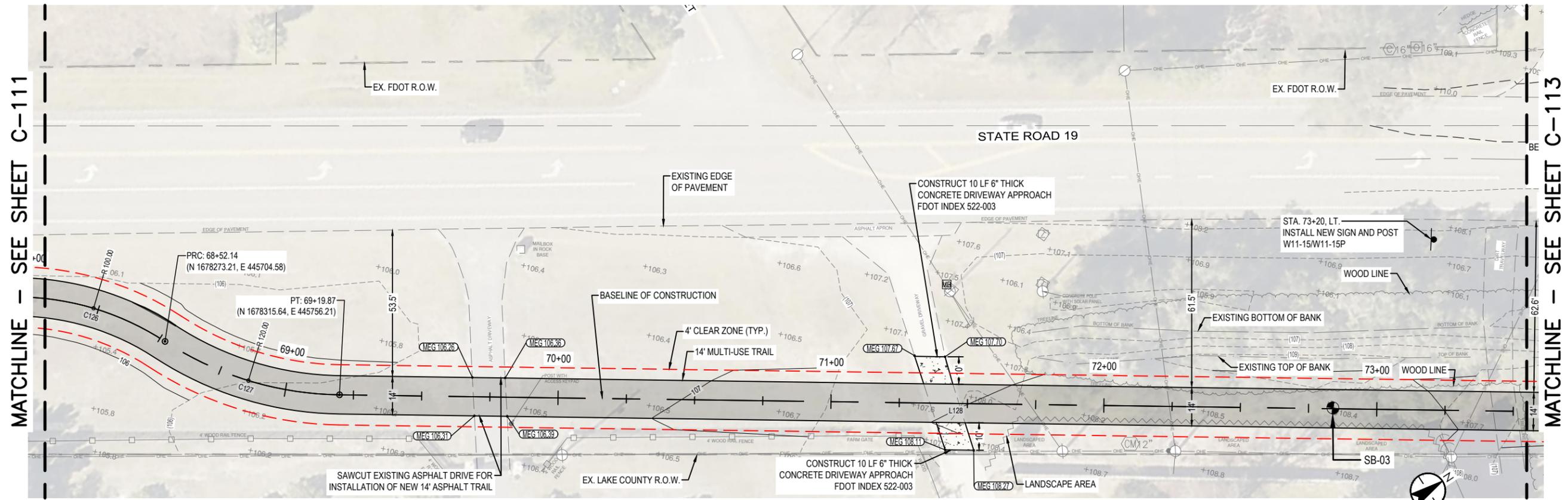
NORTH LAKE TRAIL
SEGMENT III-A
TRAIL PLAN & PROFILE STA.
51+50 TO STA. 57+00

JOB NO.: 215811267
SHEET: C-109



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III-A TRAIL PLAN & PROFILE STA. 62+50 TO STA. 68+00		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	
JOB NO:	215811267		
SHEET:	C-111		
REVISION:	DATE	DATE	DATE
S. - 6	T. - 18S	R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.	
FIELD BOOK: N.A.	DESIGNED: CSM	DATE: 08/07/24	
DRAWN: CDH	DATE: 04/01/24	APPROVED: AIM	DATE: 08/09/24

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SCALE: 1"=40' H, 1"=10' V

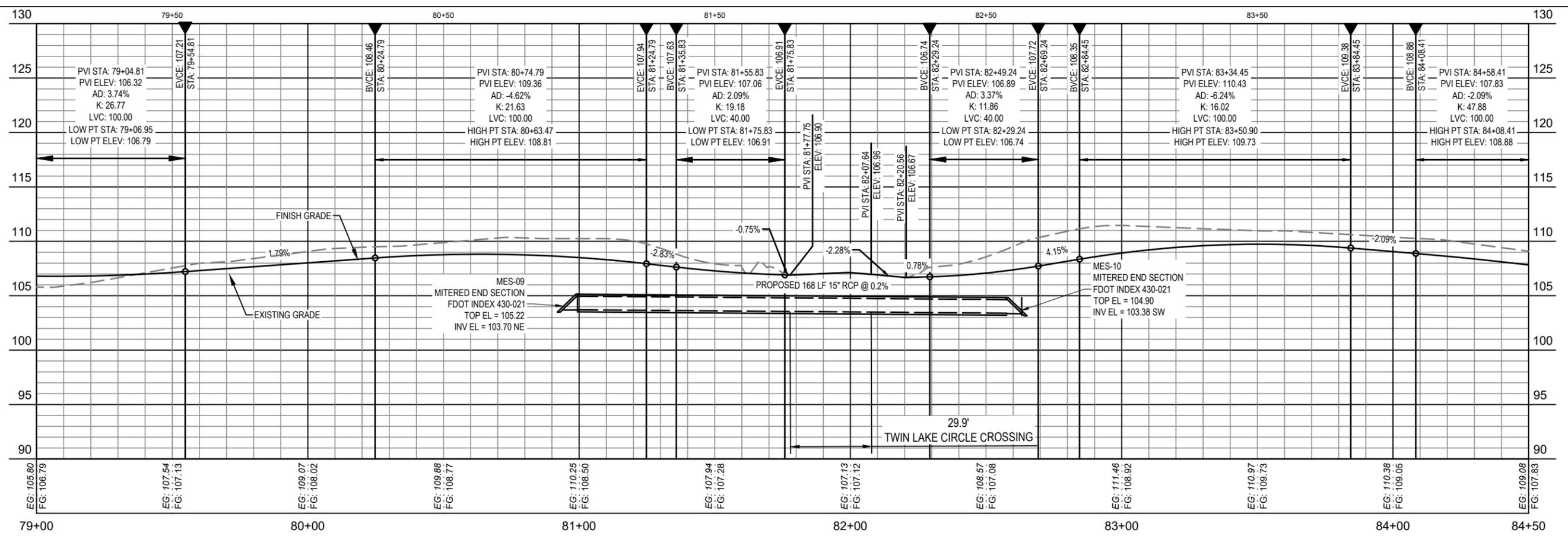
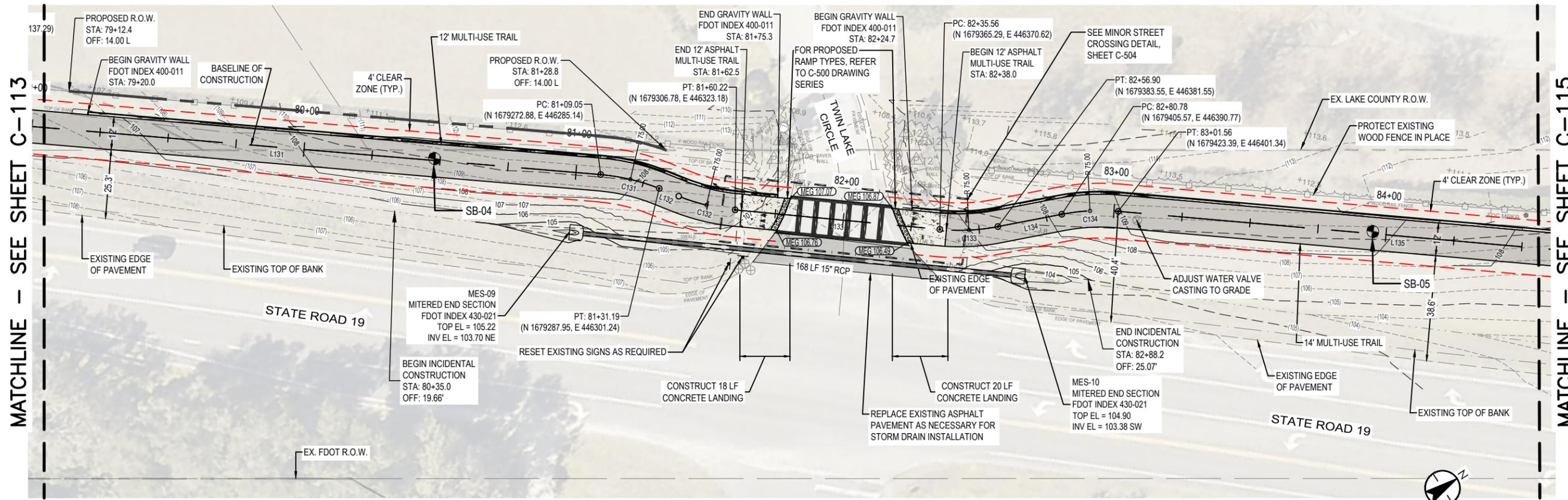
MATCHLINE - SEE SHEET C-111

MATCHLINE - SEE SHEET C-113

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE DATE
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JOB NO.: 215811267	SHEET: C-112	350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778
S. - 6	T. - 18S	R. - 27E
SURVEYED: N.A.	DATE: 07/07/21	PAGE: N.A.
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REVISION:	DATE	DATE: 08/09/24

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PLOTTED BY: Holmes, Ayona



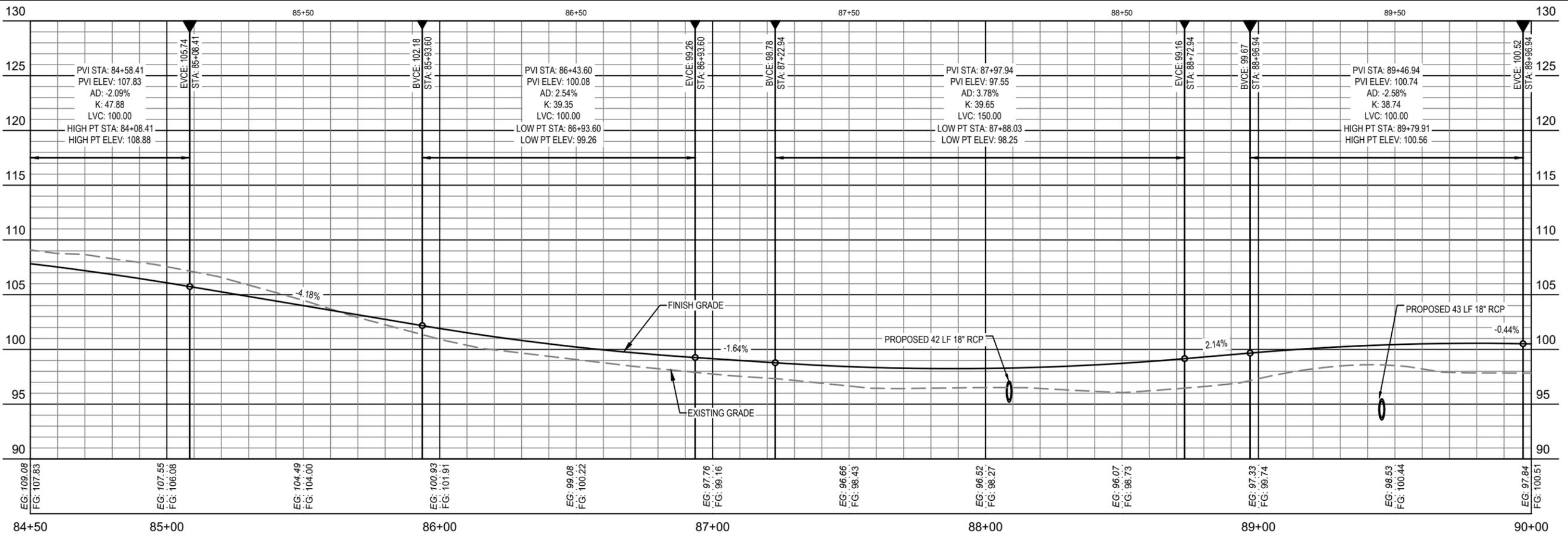
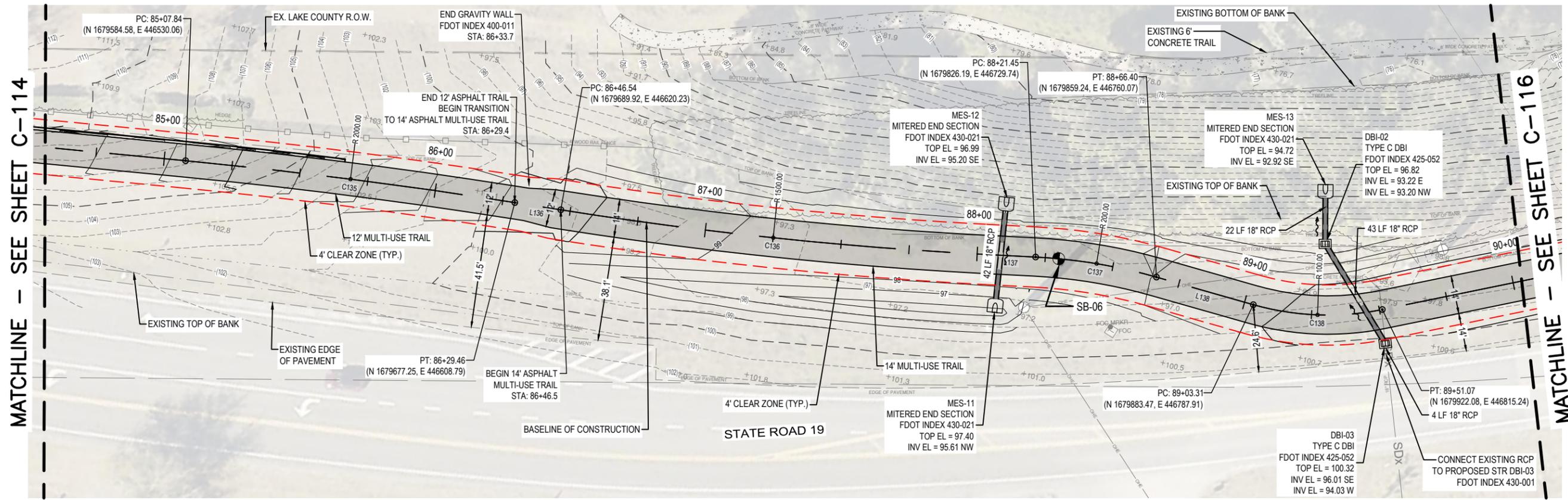
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MATCHLINE - SEE SHEET C-113

MATCHLINE - SEE SHEET C-115

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	
NORTH LAKE TRAIL SEGMENT III-A TRAIL PLAN & PROFILE STA. 79+00 TO STA. 84+50	JOB NO.: 215811267 SHEET: C-114
S. - 6 SURVEYED: N.A. FIELD BOOK: N.A. DESIGNED: CSM DRAWN: CDH APPROVED: AIM	T. - 18S DATE: 07/07/24 PAGE: N.A. DATE: 08/07/24 CDH DATE: 08/09/24
R. - 27E DATE: 07/07/24 DATE: 08/07/24 DATE: 04/01/24 DATE: 08/09/24	SIGNATURE DATE
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	

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SCALE: 1"=40' H, 1"=10' V

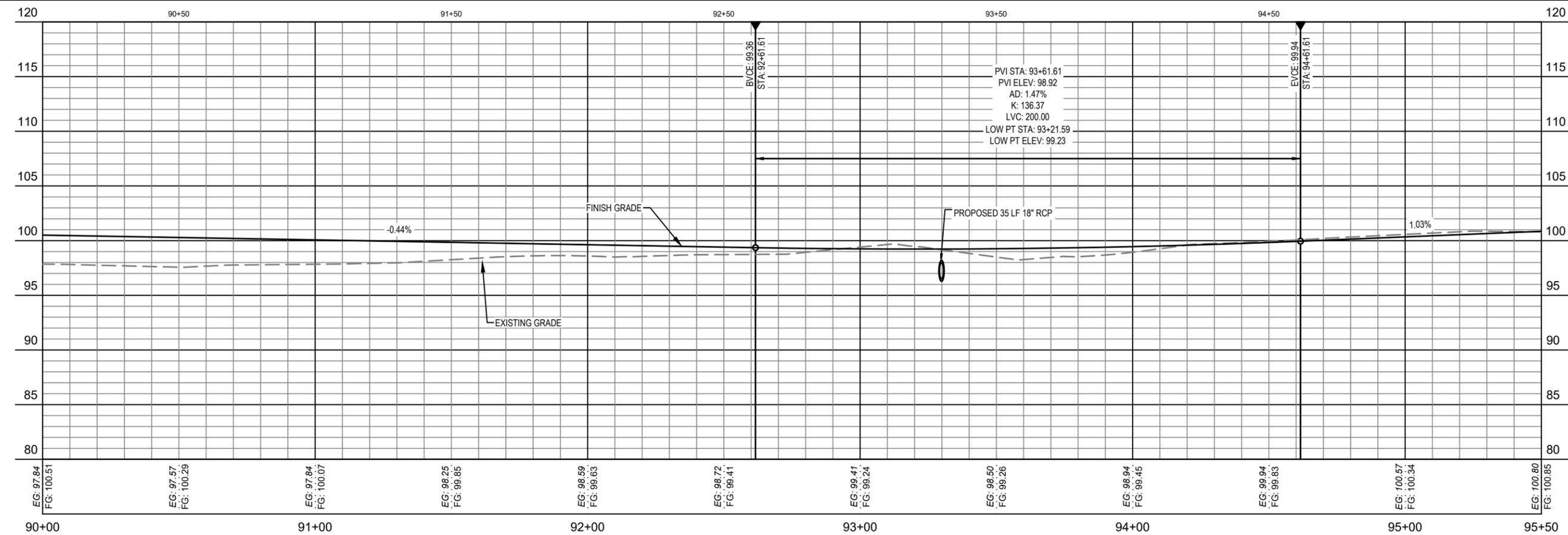
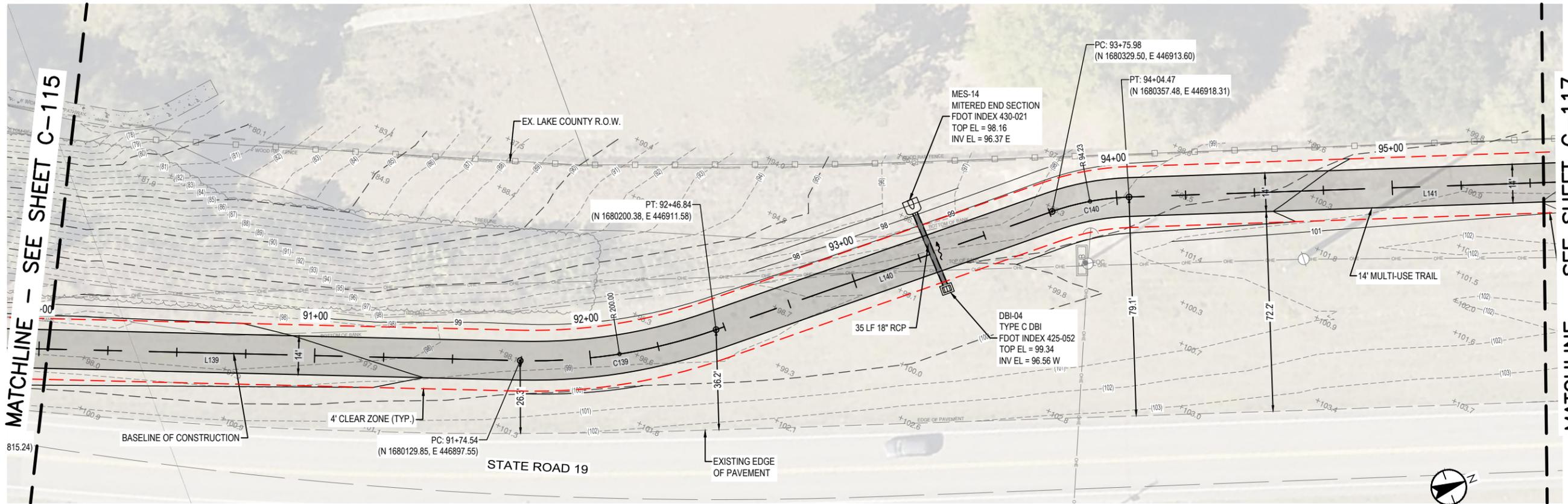
MATCHLINE - SEE SHEET C-114

MATCHLINE - SEE SHEET C-116

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 84+50 TO STA. 90+00	JOB NO.: 215811267 SHEET: C-115
S. - 6 SURVEYED: N.A. FIELD BOOK: N.A. DESIGNED: CSM DRAWN: CDH	T. - 18S DATE: 07/07/24 PAGE: N.A. DATE: 08/07/24 CDH DATE: 04/01/24
R. - 27E DATE: 07/07/24	APPROVED: AIM DATE: 08/09/24
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778 SIGNATURE _____ DATE _____	

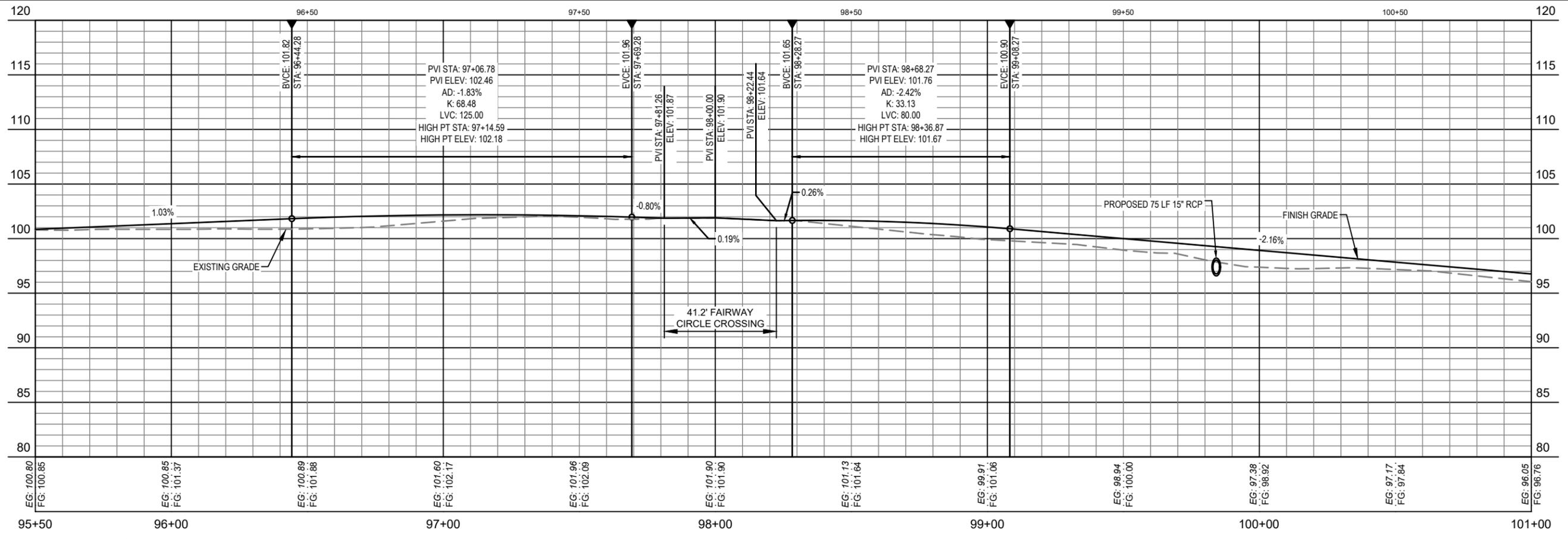
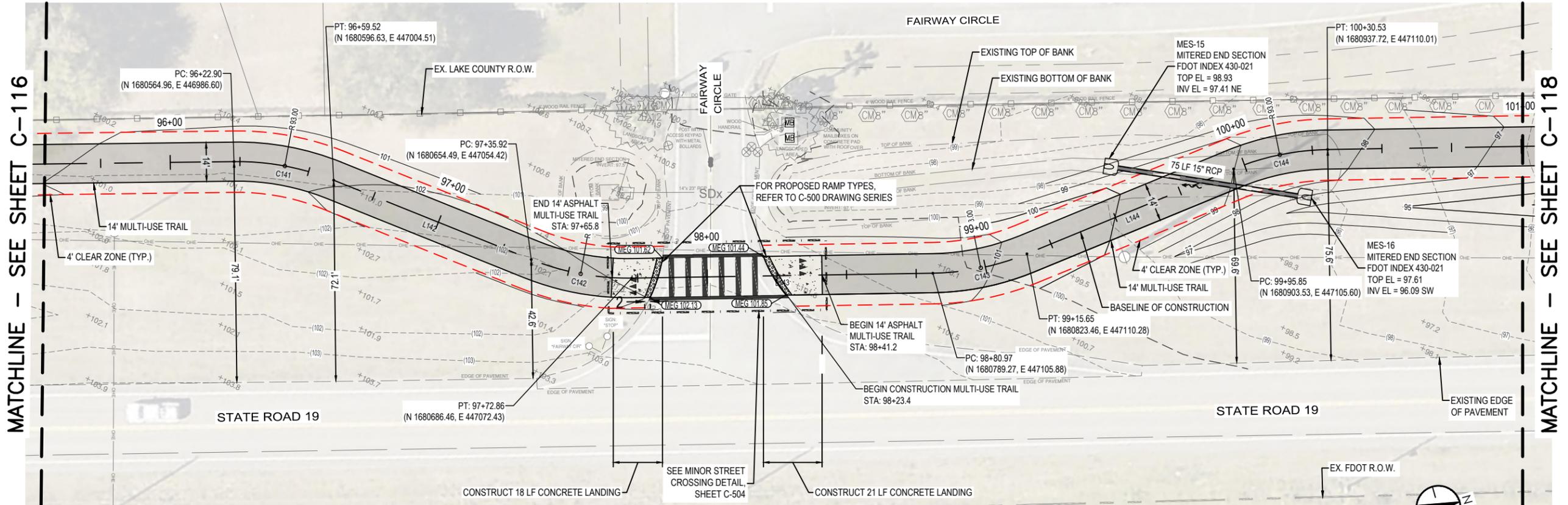
PLOTTED BY: Holmes, Ayona

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SCALE: 1"=40' H, 1"=10' V

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III-A TRAIL PLAN & PROFILE STA. 90+00 TO STA. 95+50		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	
S. - 6	T. - 18S	R. - 27E	DATE
SURVEYED: N.A.	DATE: 07/07/21	PAGE: N.A.	REVISION:
FIELD BOOK: N.A.	DATE: 08/07/24	CDH	DATE: 08/09/24
DESIGNED: CSM	DATE: 04/01/24	AIM	DATE: 08/09/24
DRAWN: CDH	DATE: 08/09/24		
JOB NO.: 215811267			
SHEET: C-116			



MATCHLINE - SEE SHEET C-116

MATCHLINE - SEE SHEET C-118

REVISION:	DATE
S. - 6	T. - 18S
R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24
FIELD BOOK: N.A.	PAGE: N.A.
DESIGNED: CSM	DATE: 08/07/24
DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
TRAIL PLAN & PROFILE STA.
95+50 TO STA. 101+00

JOB NO.:
215811267

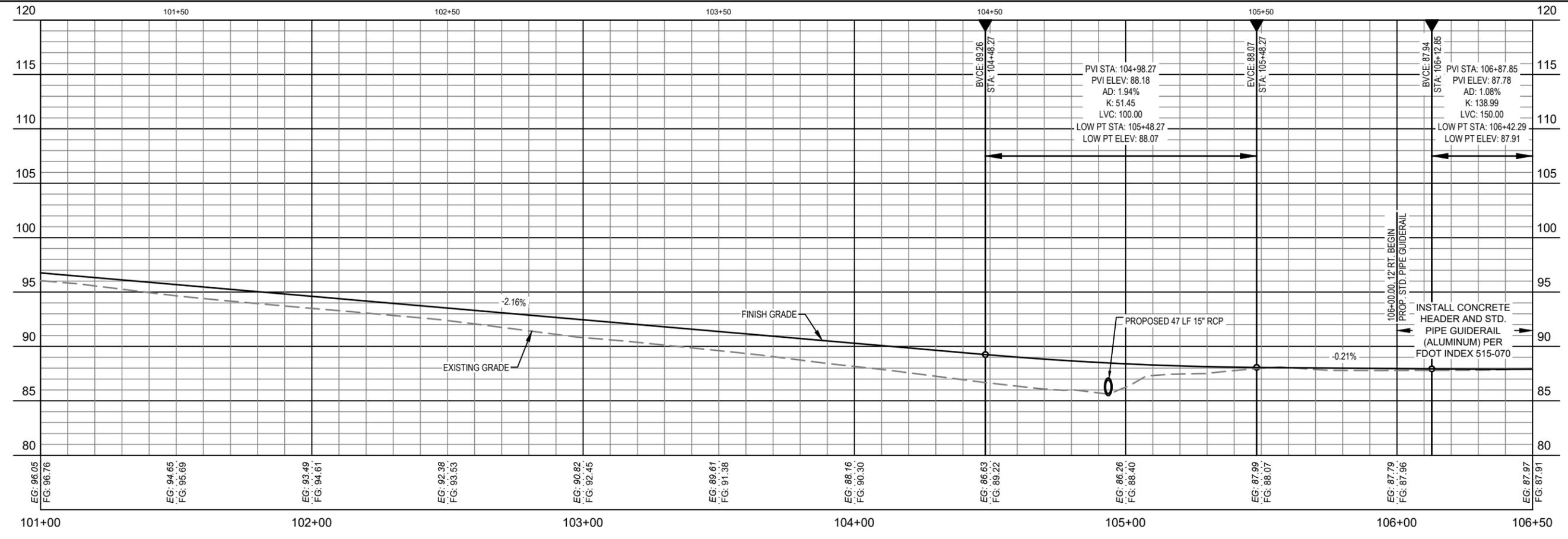
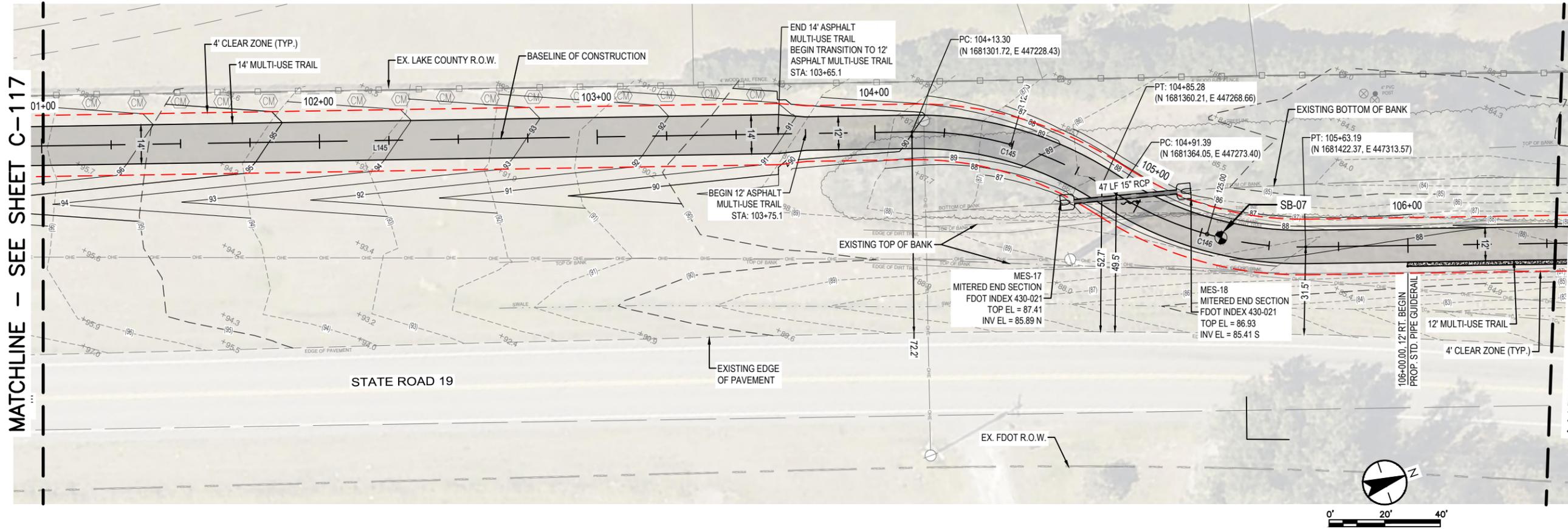
SHEET:
C-117

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

SIGNATURE

DATE



SCALE: 1"=40' H, 1"=10' V

SIGNATURE	DATE
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

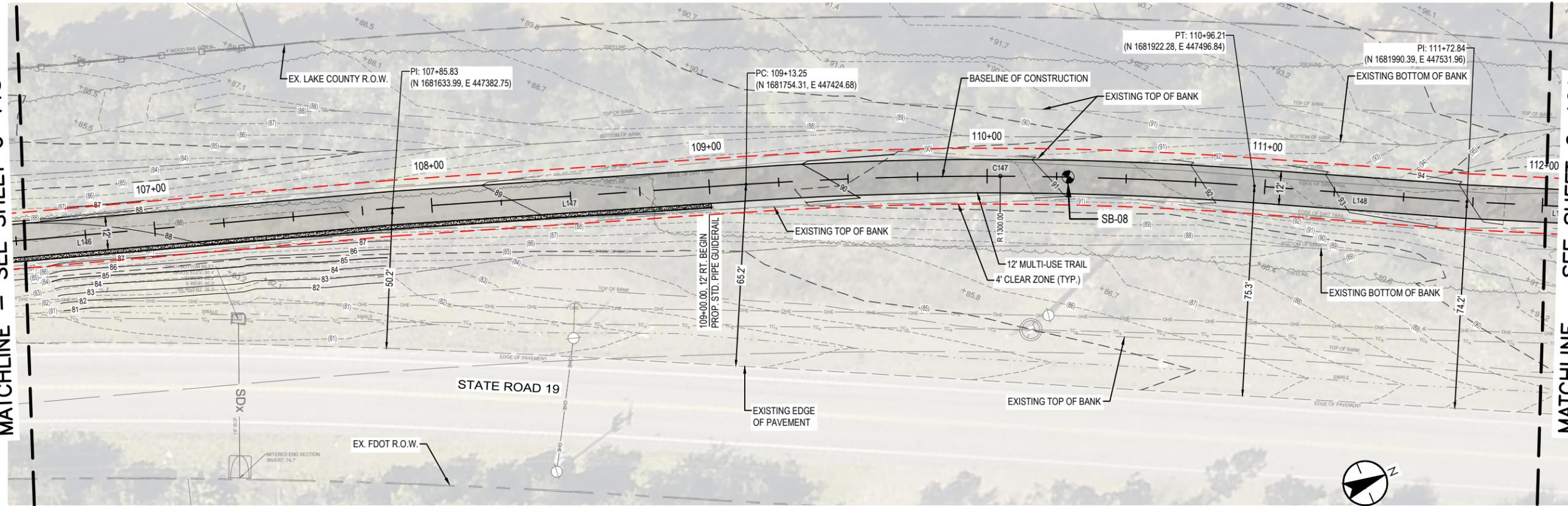
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24
FIELD BOOK: N.A.	PAGE: N.A.
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DRAWN: CDH	DATE: 04/01/24
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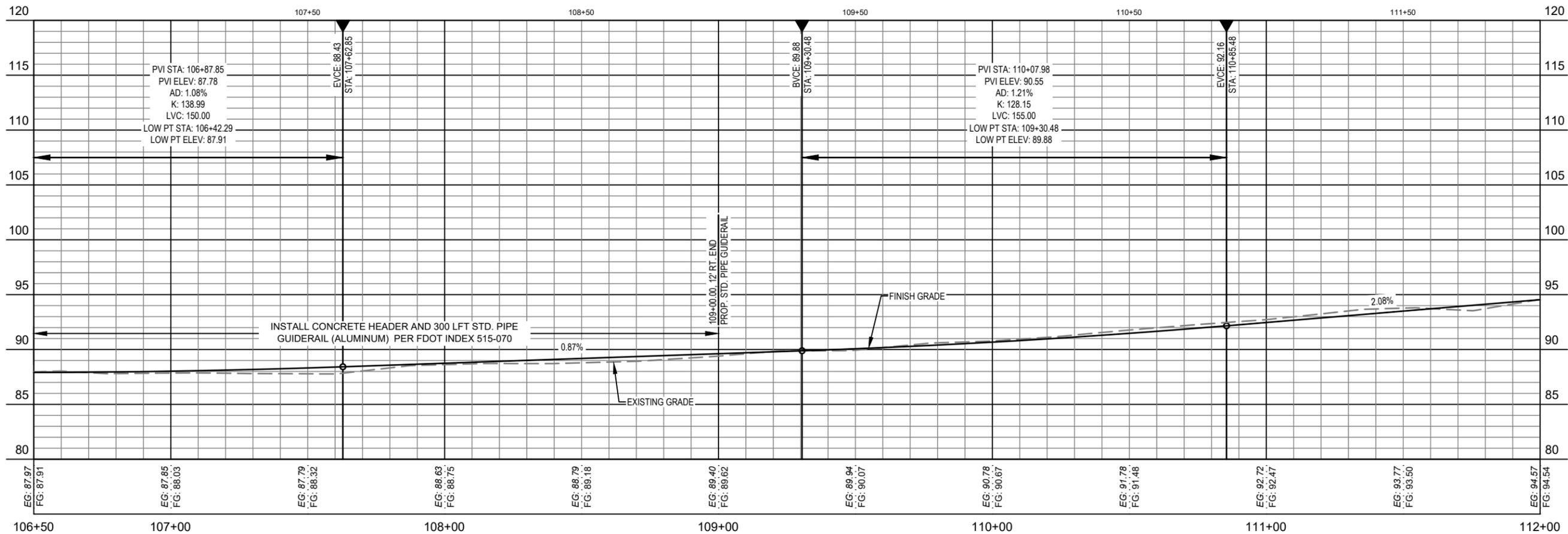
NORTH LAKE TRAIL
SEGMENT III - A
TRAIL PLAN & PROFILE STA.
101+00 TO STA. 106+50

JOB NO.: 215811267
SHEET: C-118

MATCHLINE - SEE SHEET C-118

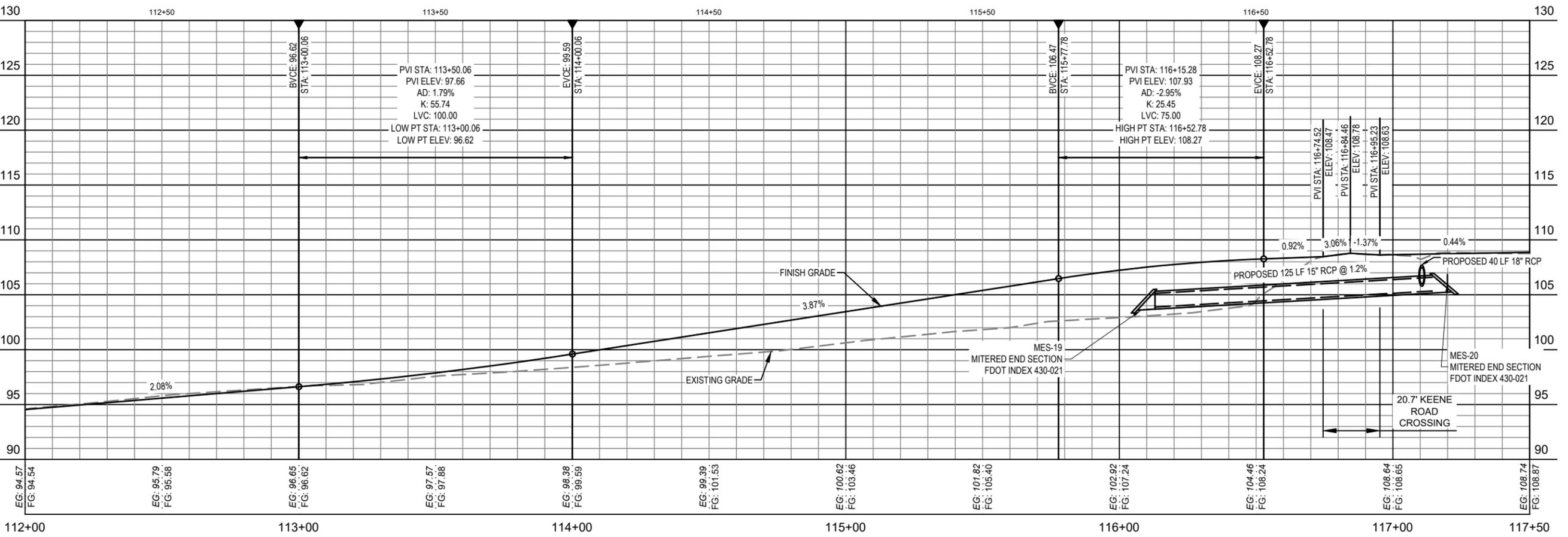
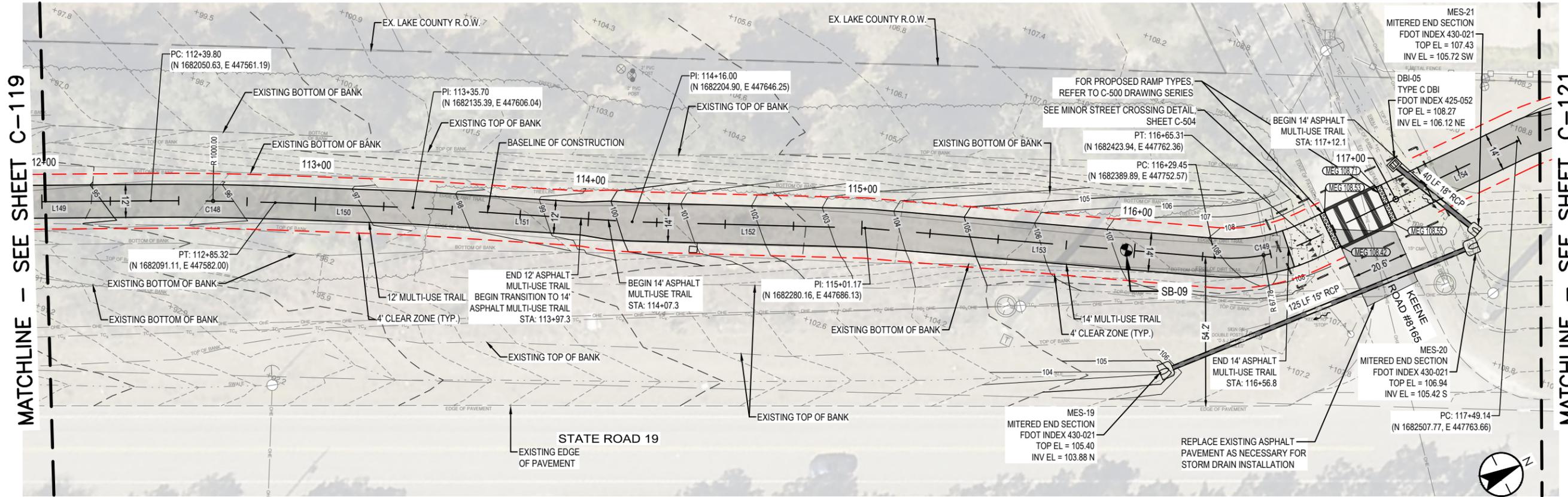


MATCHLINE - SEE SHEET C-120



SCALE: 1"=40' H, 1"=10' V

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ENGINEERING DIVISION		DATE
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		
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FIELD BOOK: N.A.	DATE: 08/07/24	DRAWN: CDH
DESIGNED: CSM	DATE: 04/01/24	APPROVED: AIM
DRAWN: CDH	DATE: 08/09/24	
NORTH LAKE TRAIL SEGMENT III-A TRAIL PLAN & PROFILE STA. 106+50 TO STA. 112+00		
JOB NO.: 215811267		
SHEET: C-119		

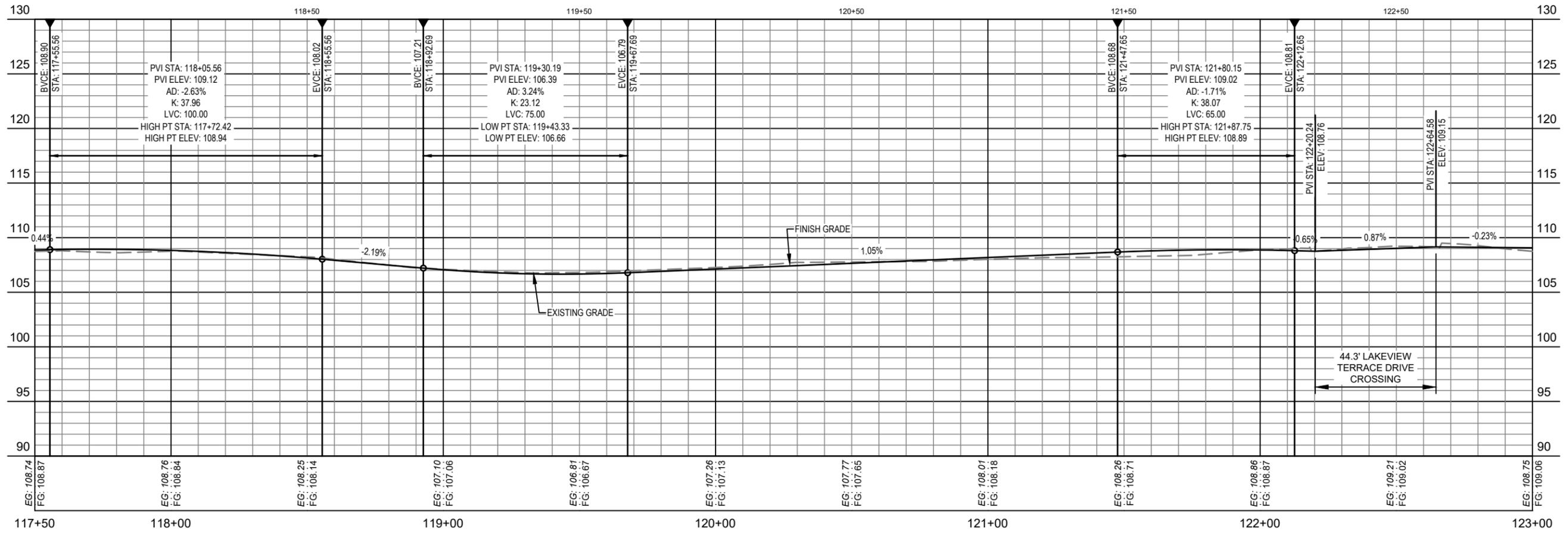
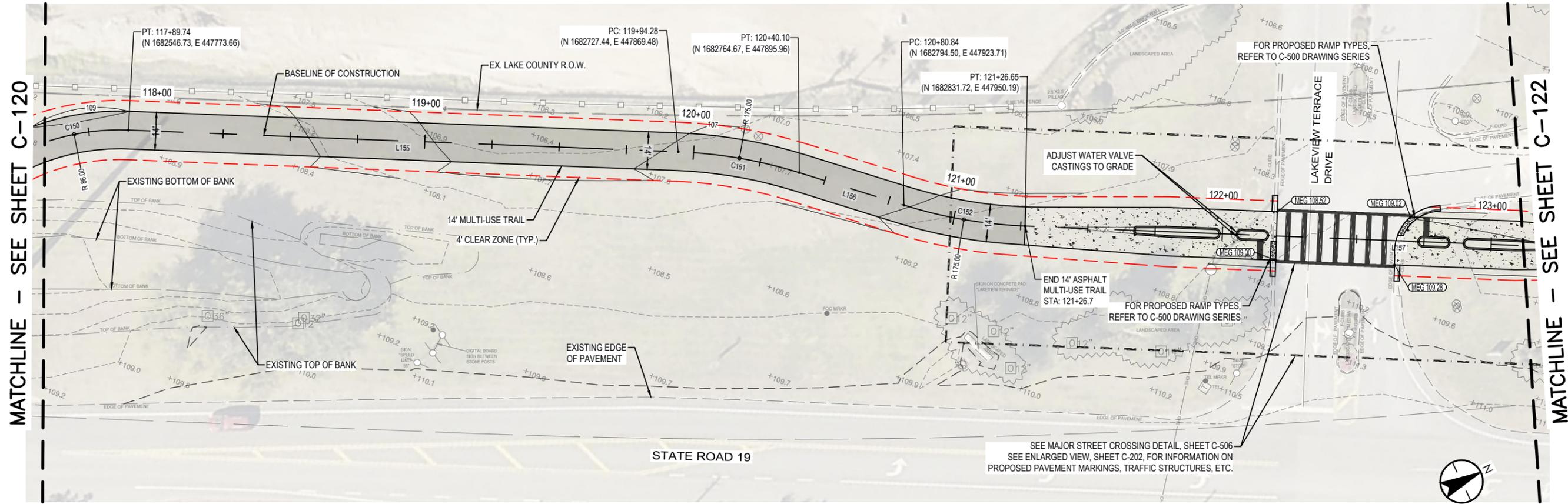


SCALE: 1"=40' H, 1"=10' V

MATCHLINE - SEE SHEET C-119

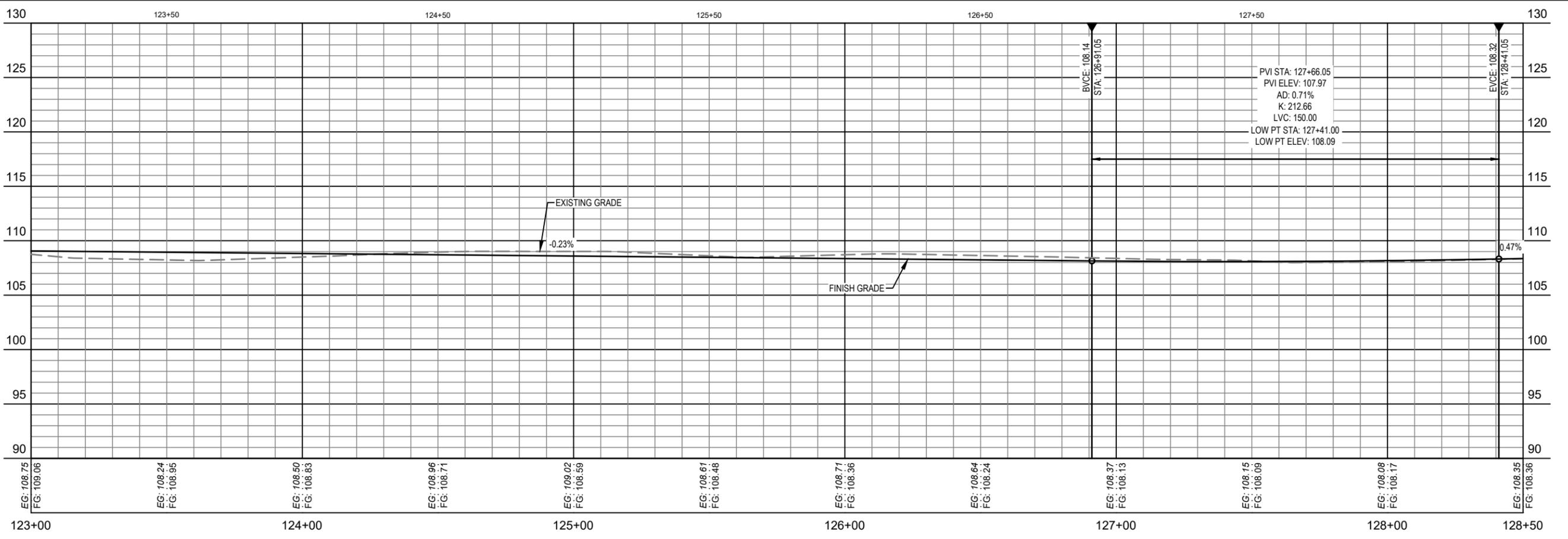
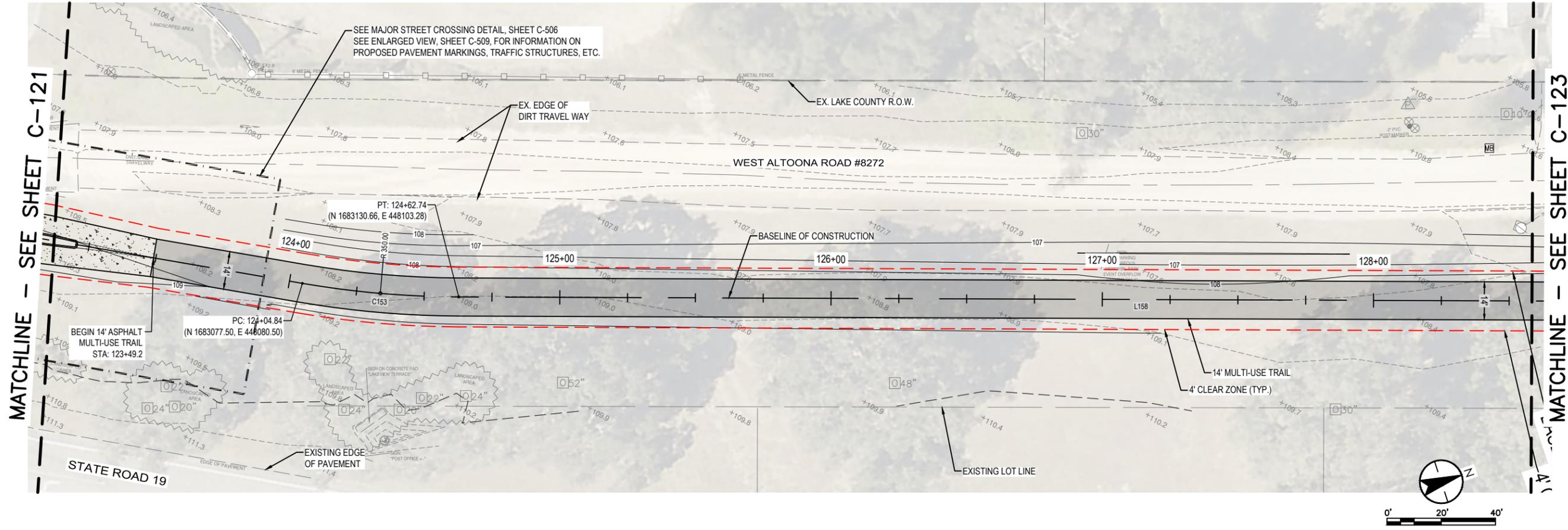
MATCHLINE - SEE SHEET C-121

DEPARTMENT OF PUBLIC WORKS		SIGNATURE
ENGINEERING DIVISION		DATE
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SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.
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DESIGNED: CSM	DATE: 04/01/24	APPROVED: AIM
DRAWN: CDH	DATE: 08/09/24	
NORTH LAKE TRAIL SEGMENT III-A TRAIL PLAN & PROFILE STA. 112+00 TO STA. 117+50		
JOB NO.: 215811267		
SHEET: C-120		



SCALE: 1"=40' H, 1"=10' V

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ENGINEERING DIVISION		DATE
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DATE: 08/07/24	DATE: 04/01/24	DATE: 08/09/24
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 117+50 TO STA. 123+00		
JOB NO.: 215811267		
SHEET: C-121		
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		



SCALE: 1"=40' H, 1"=10' V

MATCHLINE - SEE SHEET C-121

MATCHLINE - SEE SHEET C-123

	SIGNATURE
	DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

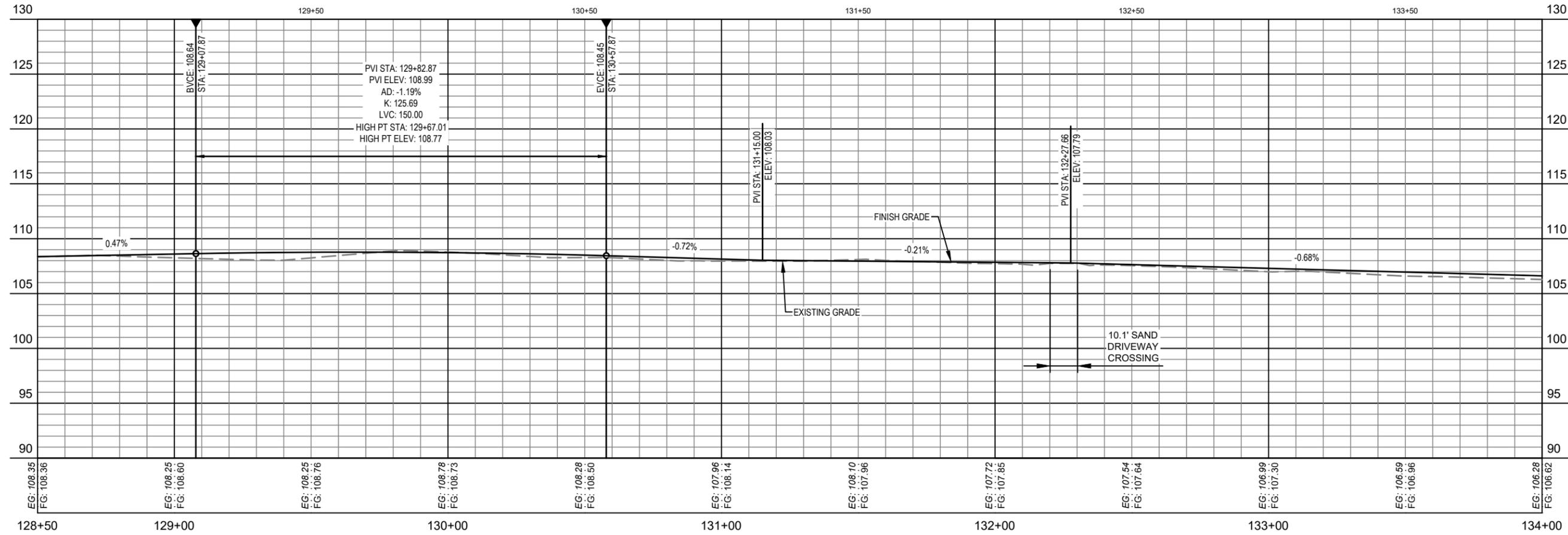
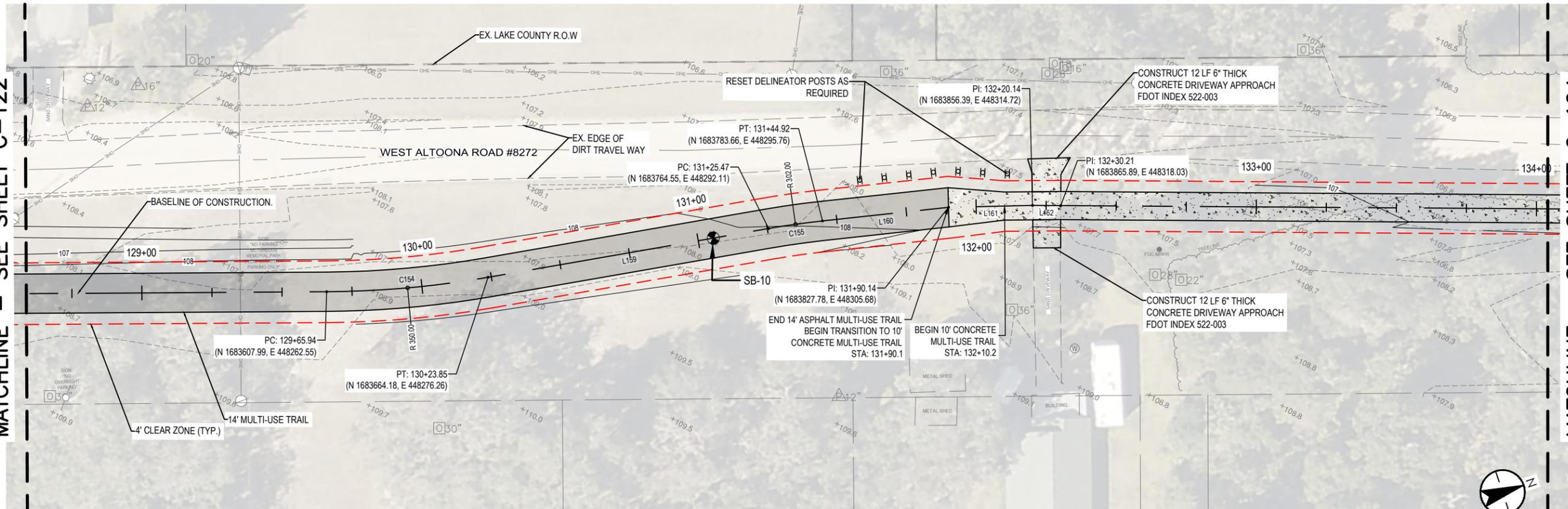
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APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
TRAIL PLAN & PROFILE STA.
123+00 TO STA. 128+50

JOB NO.: 215811267
SHEET: C-122

MATCHLINE - SEE SHEET C-122

MATCHLINE - SEE SHEET C-124

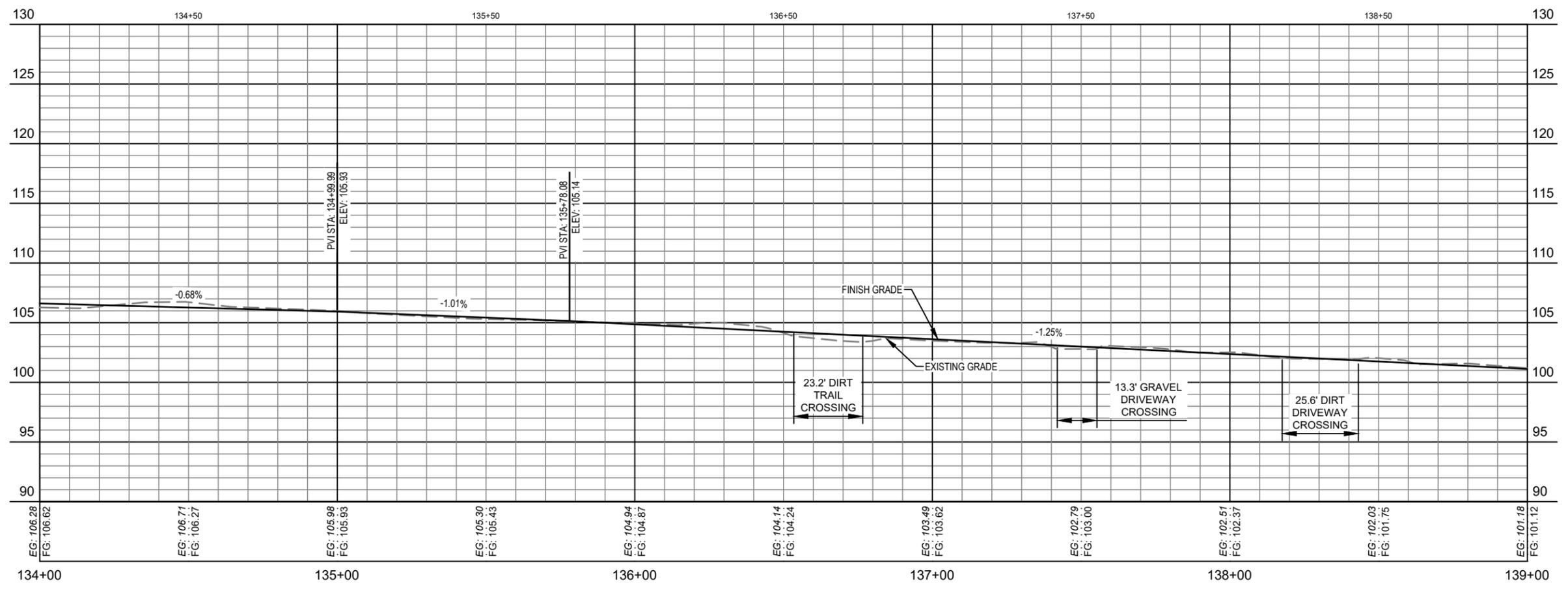
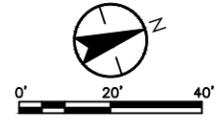
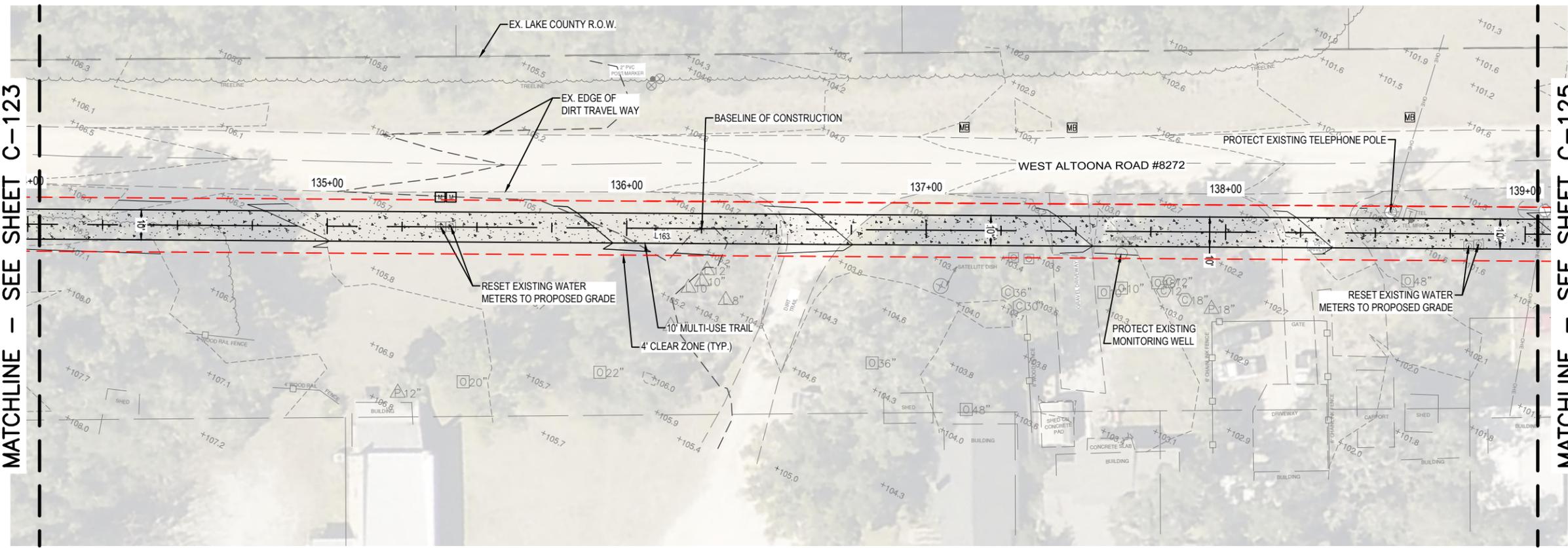


SCALE: 1"=40' H, 1"=10' V

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 128+50 TO STA. 134+00		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	
JOB NO.:	215811267		
SHEET:	C-123		
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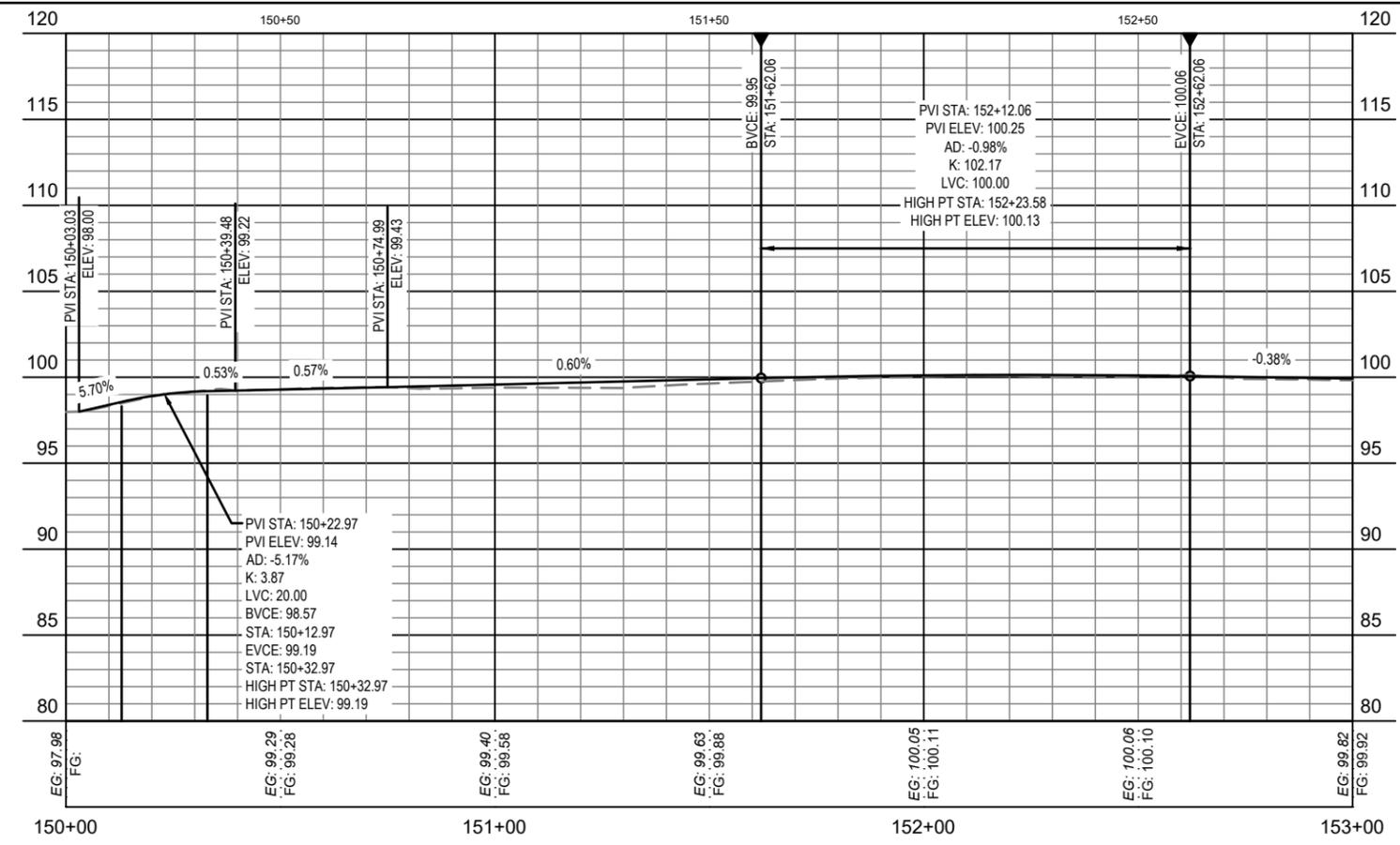
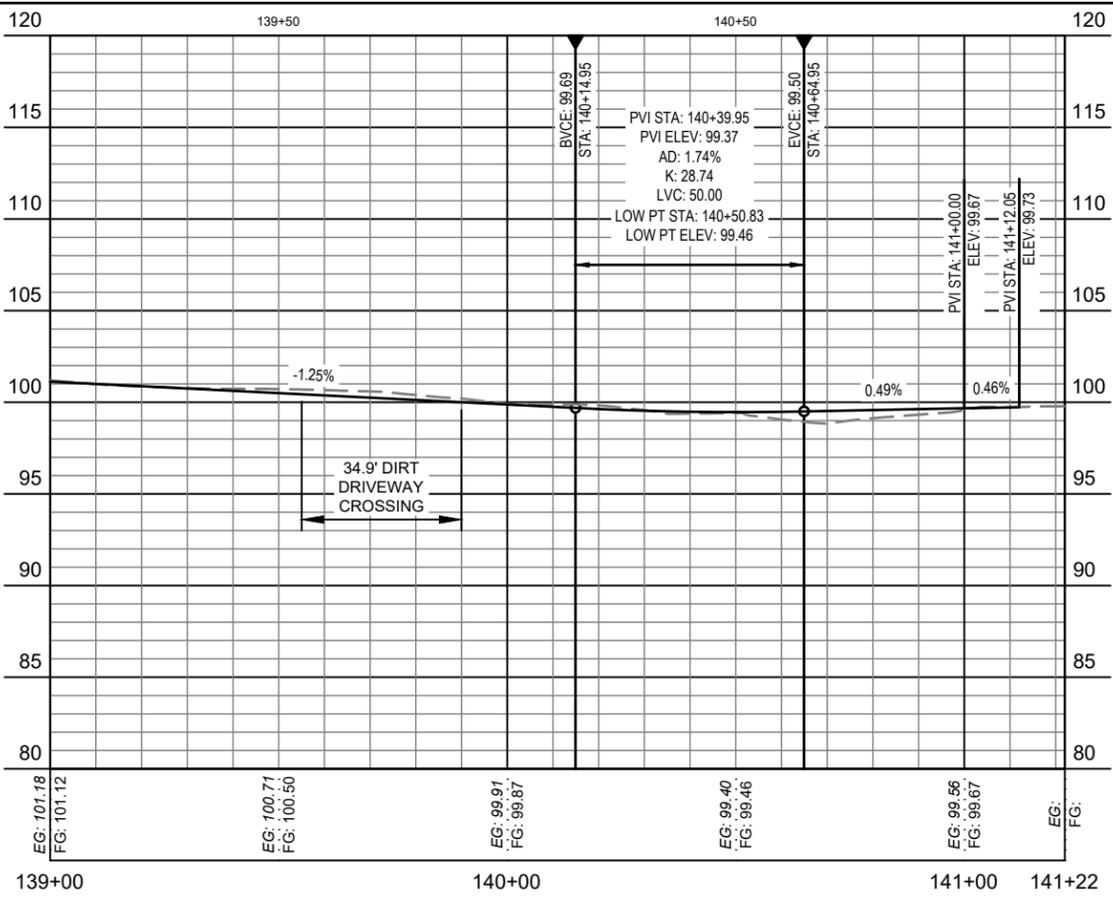
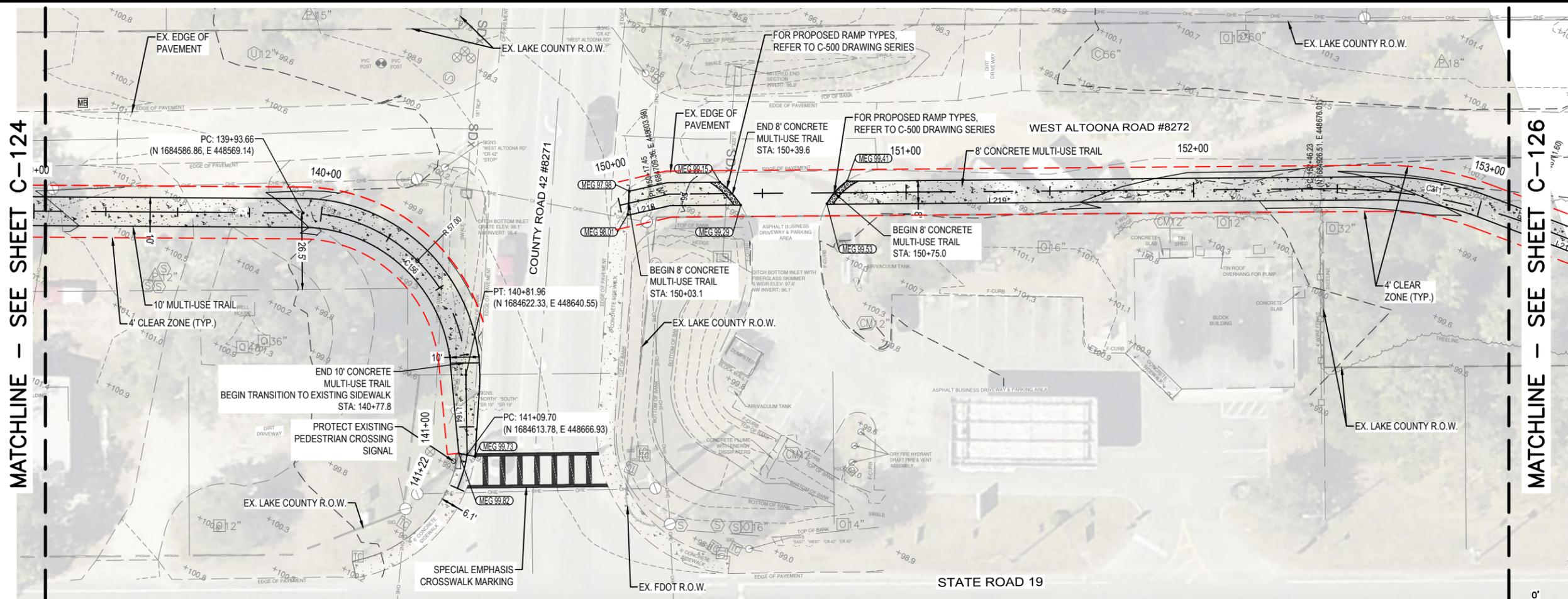
MATCHLINE - SEE SHEET C-123

MATCHLINE - SEE SHEET C-125



SCALE: 1"=40' H, 1"=10' V

NORTH LAKE TRAIL SEGMENT III - A TRAIL PLAN & PROFILE STA. 134+00 TO STA. 139+00		JOB NO: 215811267
SHEET: C-124		SHEET: C-124
S. - 6	T. - 18S	REVISION:
SURVEYED: N.A.	DATE: 07/07/24	DATE
FIELD BOOK: N.A.	PAGE: N.A.	R. - 27E
DESIGNED: CSM	DATE: 08/07/24	T. - 18S
DRAWN: CDH	DATE: 04/01/24	DATE
APPROVED: AIM	DATE: 08/09/24	DATE
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		DATE



MATCHLINE - SEE SHEET C-124

MATCHLINE - SEE SHEET C-126

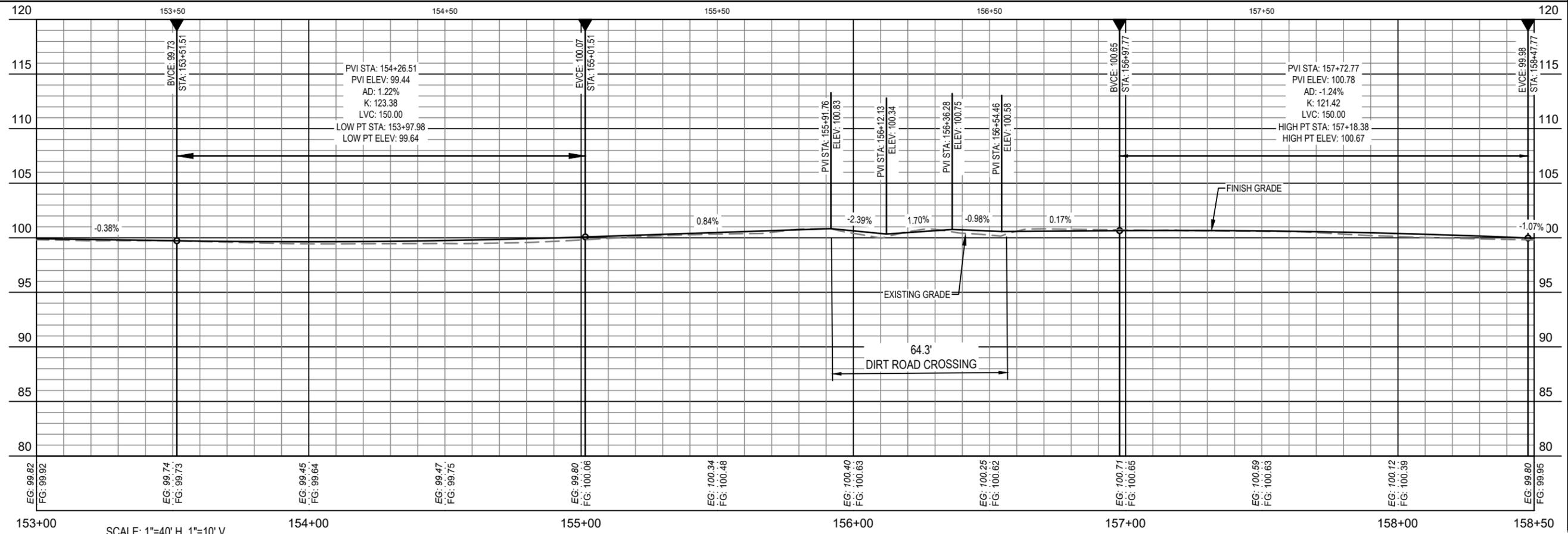
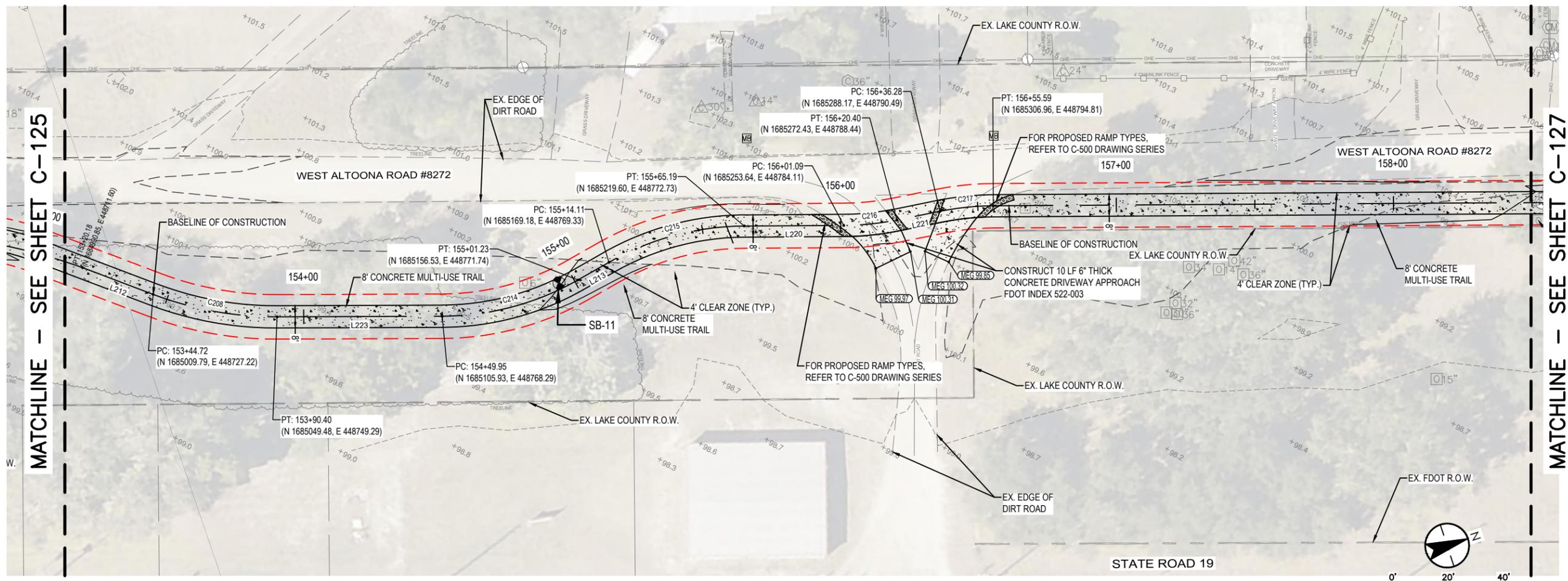
SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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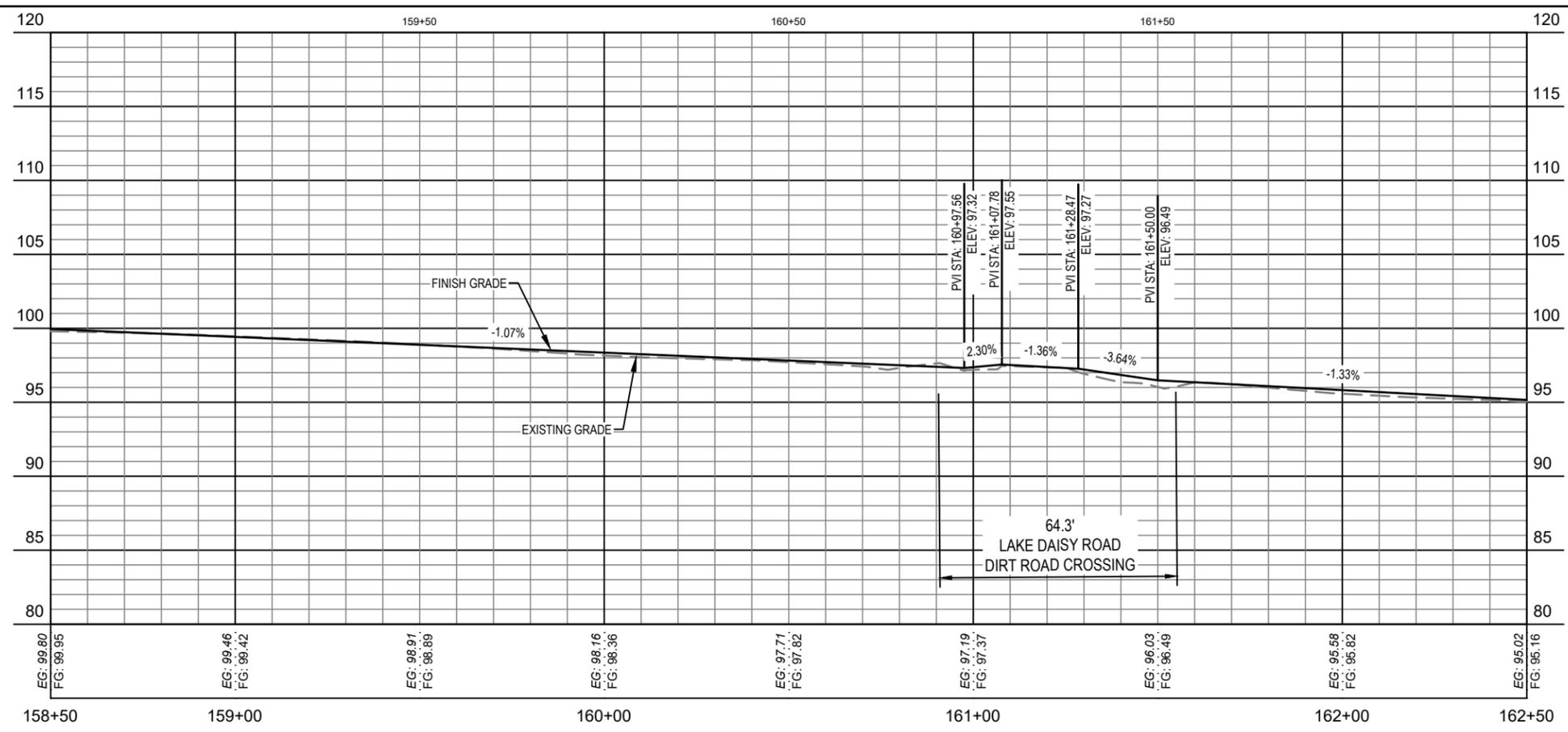
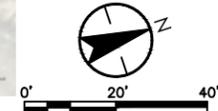
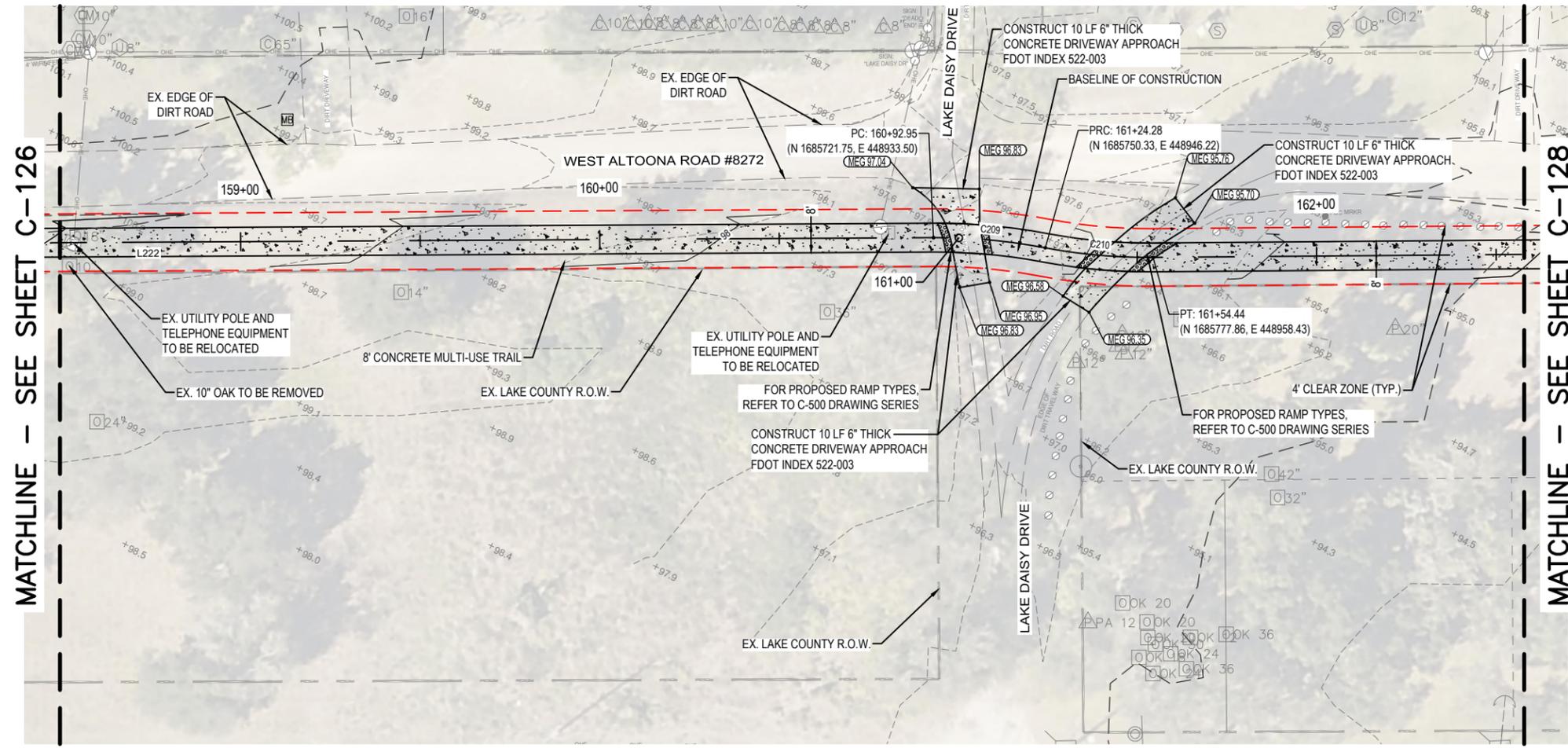
NORTH LAKE TRAIL
SEGMENT III - A
TRAIL PLAN & PROFILE STA.
139+00 TO STA. 153+00

JOB NO.: 215811267
SHEET: C-125



SCALE: 1"=40' H, 1"=10' V

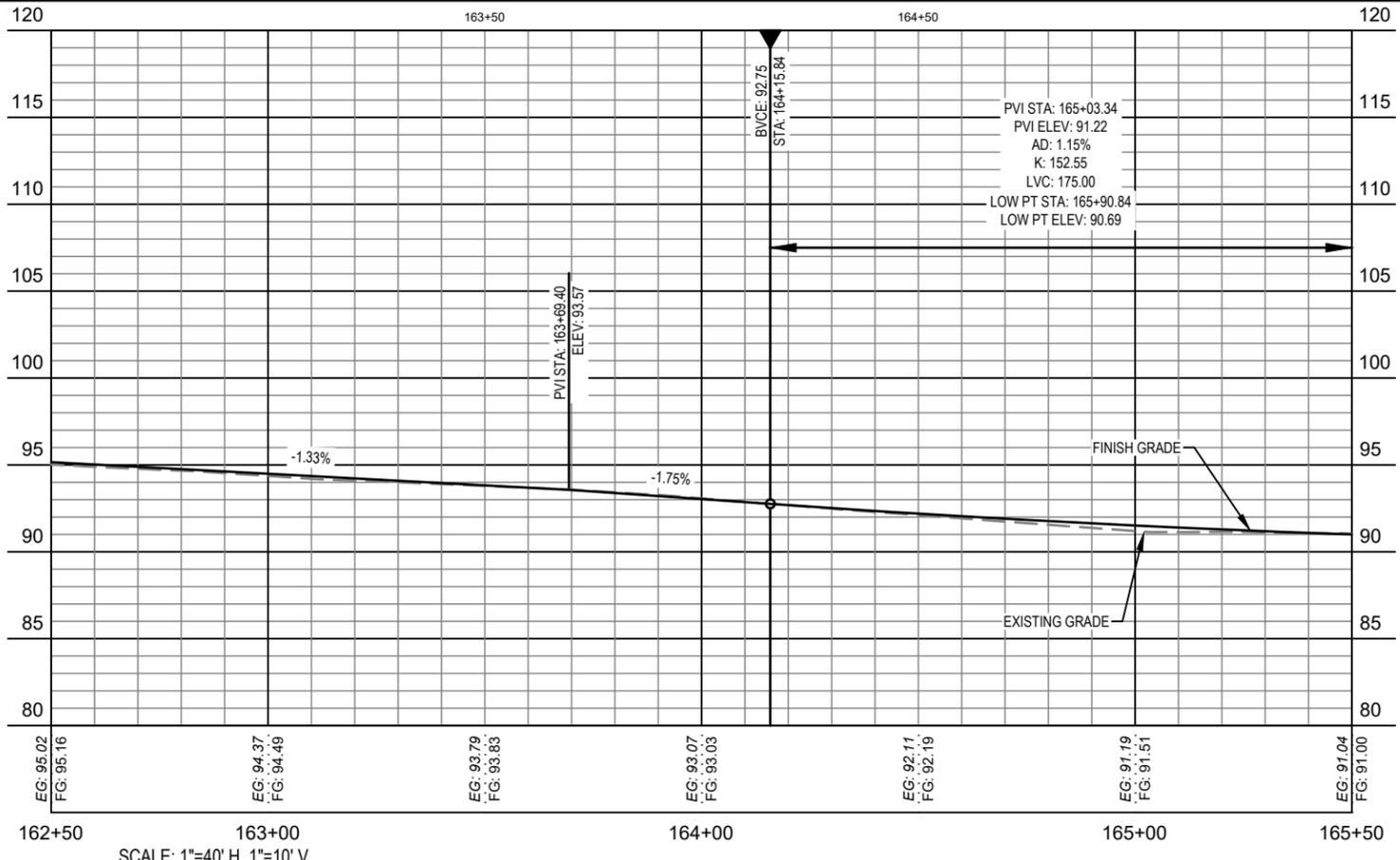
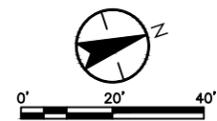
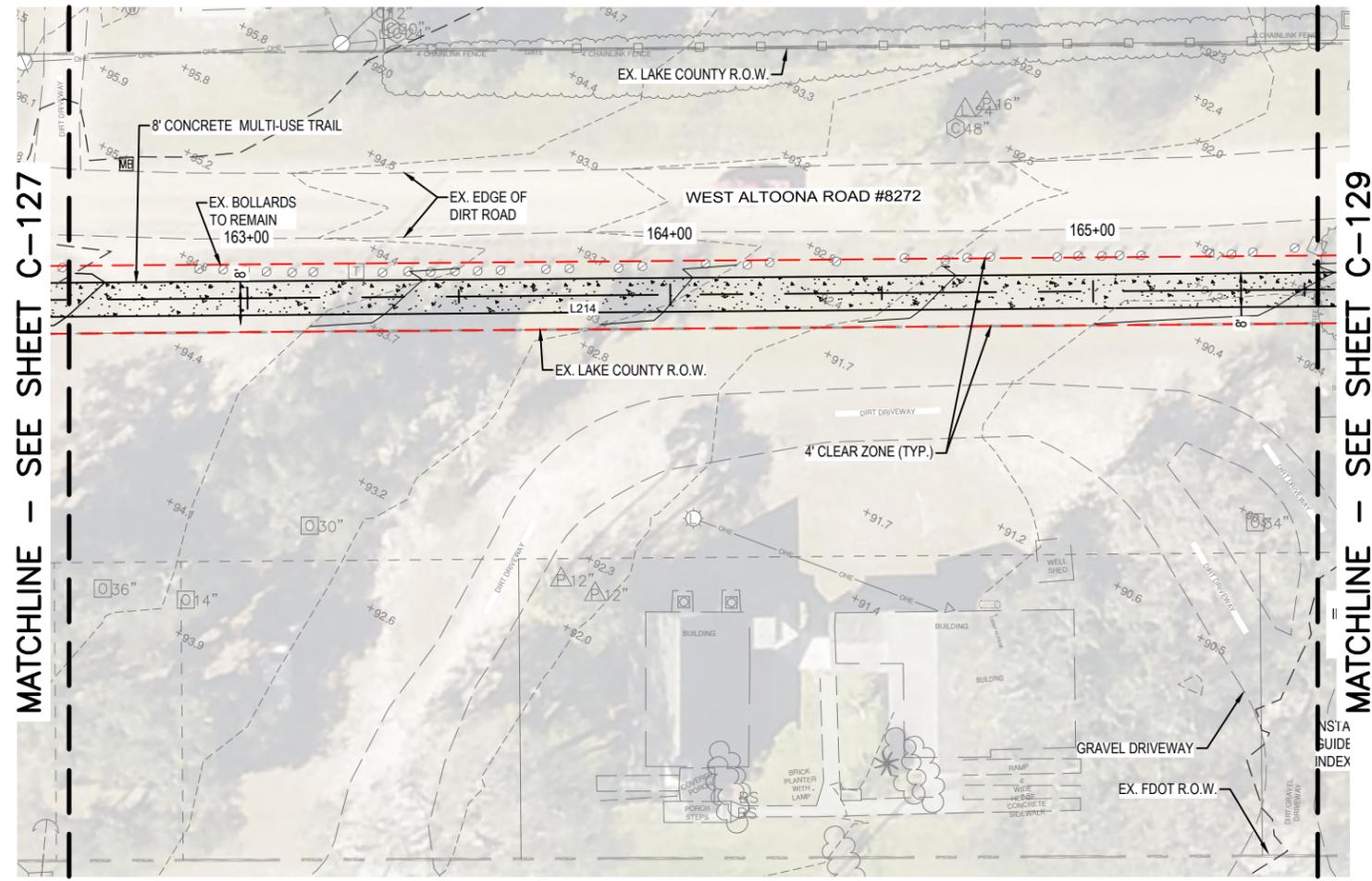
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778			
S - 6	T - 18S	R - 27E	DATE
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FIELD BOOK: N.A.	PAGE: N.A.		
DESIGNED: CSM	DATE: 08/07/24		
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NORTH LAKE TRAIL SEGMENT III-A TRAIL PLAN & PROFILE STA. 153+00 TO STA. 158+50			
JOB NO.: 215811267			
SHEET: C-126			



SCALE: 1"=40' H, 1"=10' V

158+50 159+00 160+00 161+00 162+00 162+50

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III-A TRAIL PLAN & PROFILE STA. 158+50 TO STA. 162+50		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32775	
S. - 6	T. - 18S	R. - 27E	DATE
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SHEET: C-127			



SCALE: 1"=40' H, 1"=10' V

SIGNATURE	DATE
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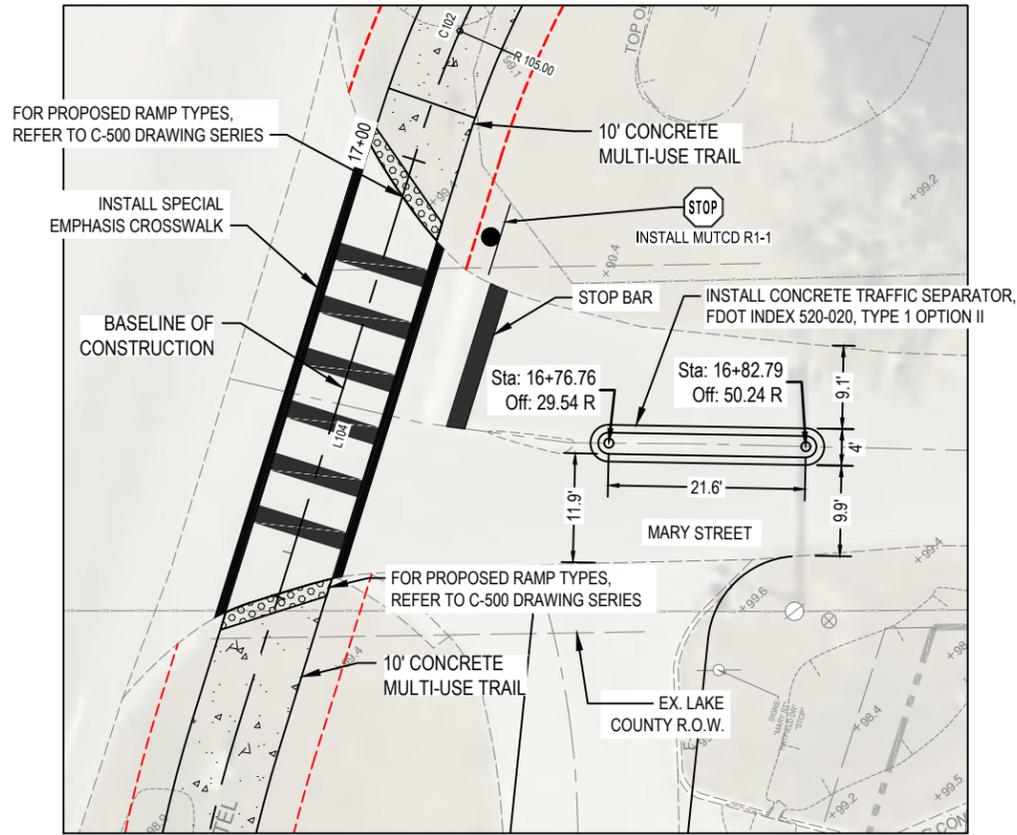
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

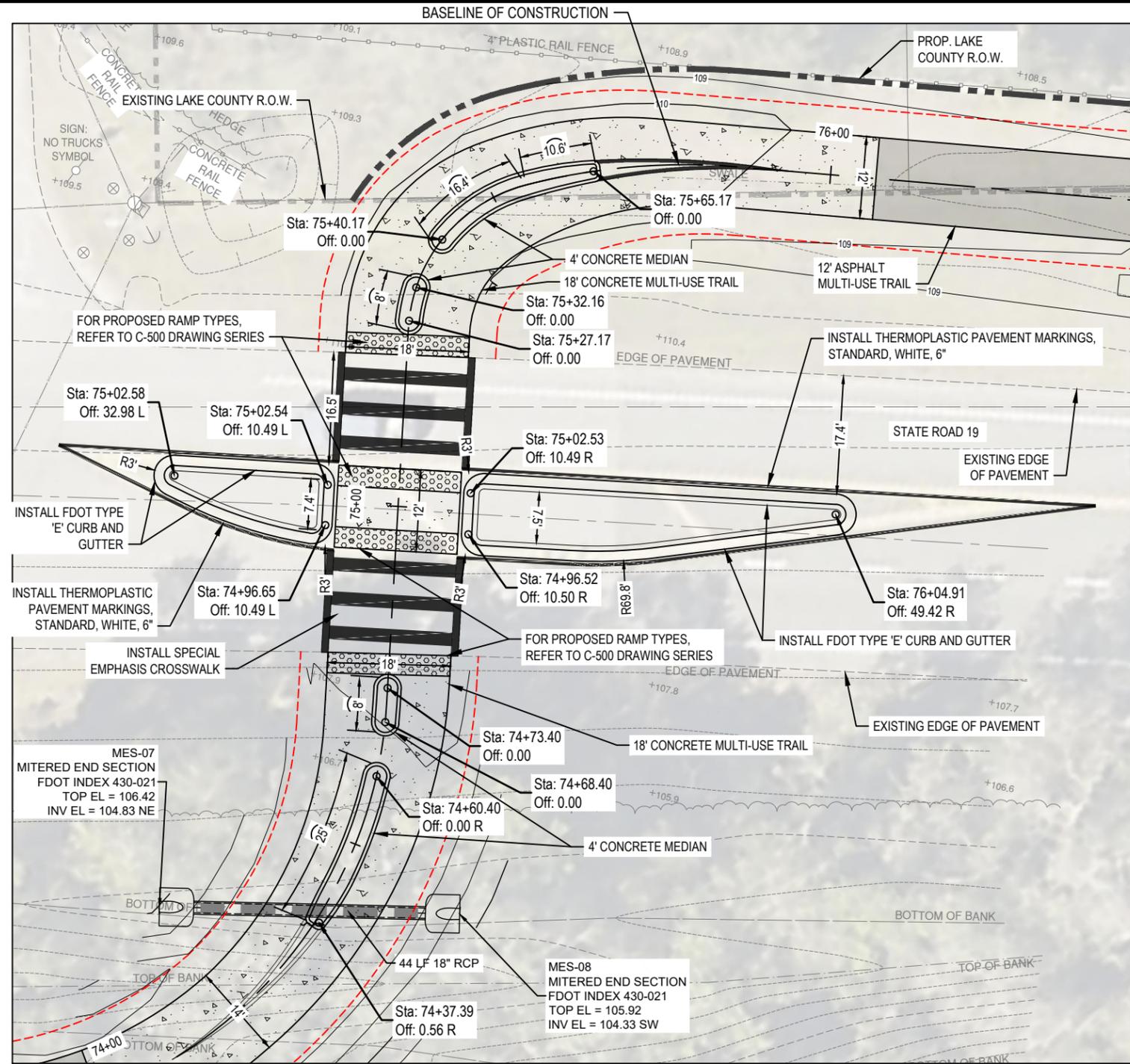
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DESIGNED: CSM	DATE: 08/07/24
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APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III-A
TRAIL PLAN & PROFILE STA.
162+50 TO STA. 165+50

JOB NO.: 215811267
SHEET: C-128

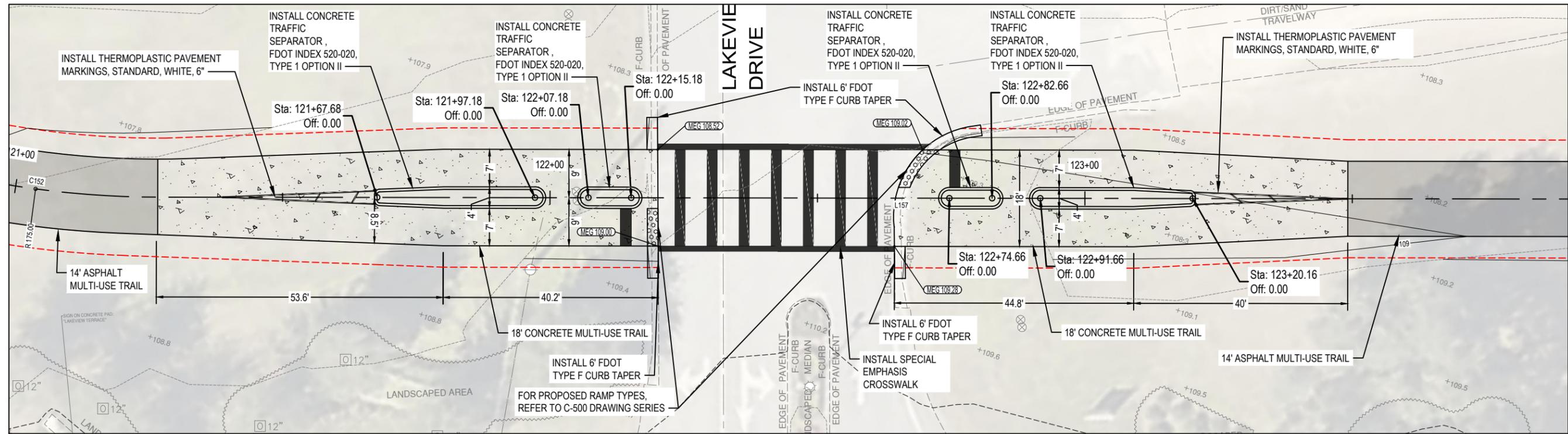


1 ENLARGED VIEW
 STA: 16+20 TO STA: 17+20
 1" = 20'



2 ENLARGED VIEW
 STA: 75+40 TO STA: 76+40
 1" = 20'

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION	
NORTH LAKE TRAIL SEGMENT III - A ENLARGED VIEWS	350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778
JOB NO.: 215811267	SIGNATURE: _____ DATE: _____
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1 ENLARGED VIEW
 STA: 121+00 TO STA: 123+80
 1" = 20'

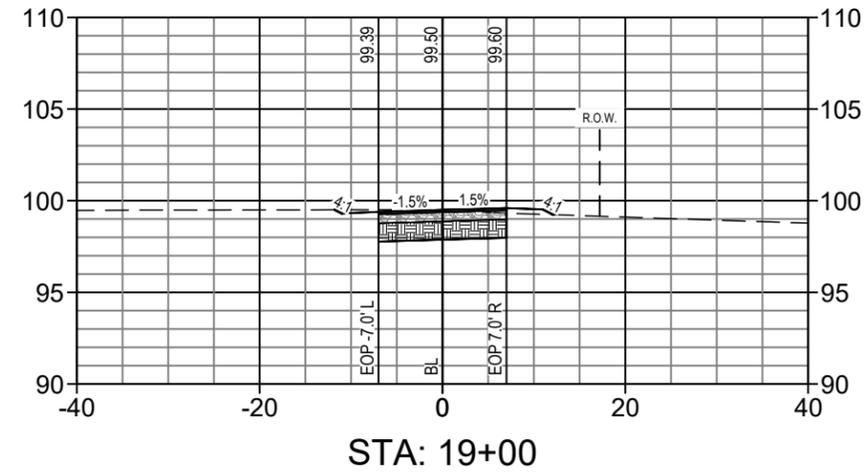
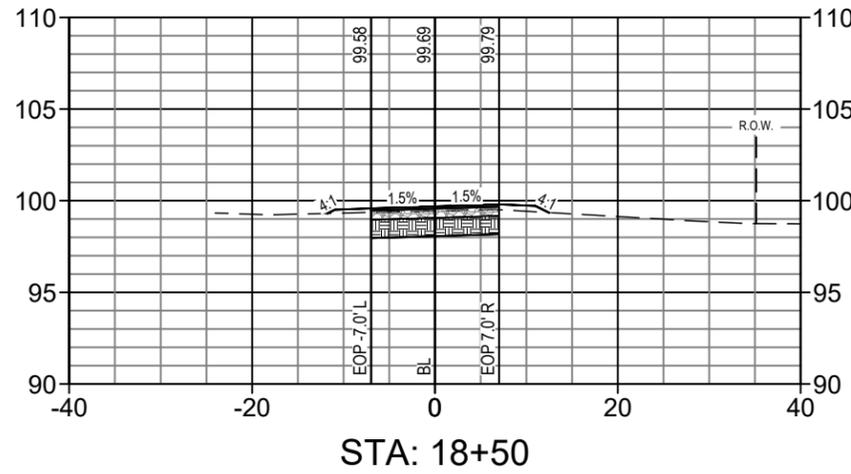
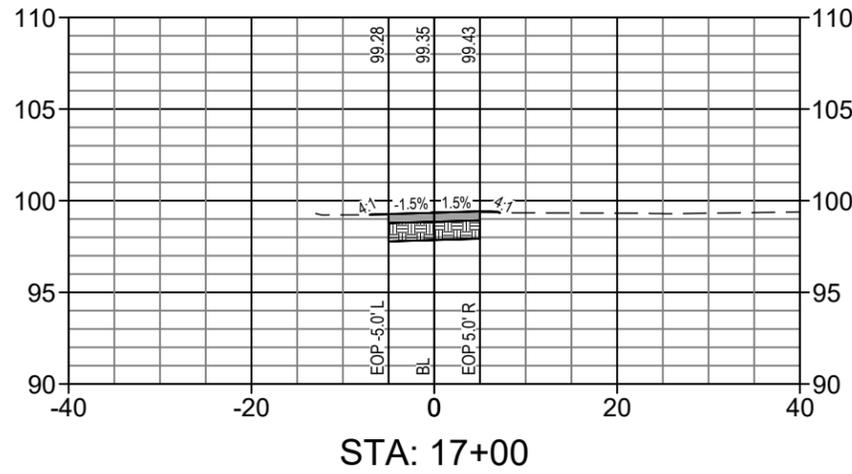
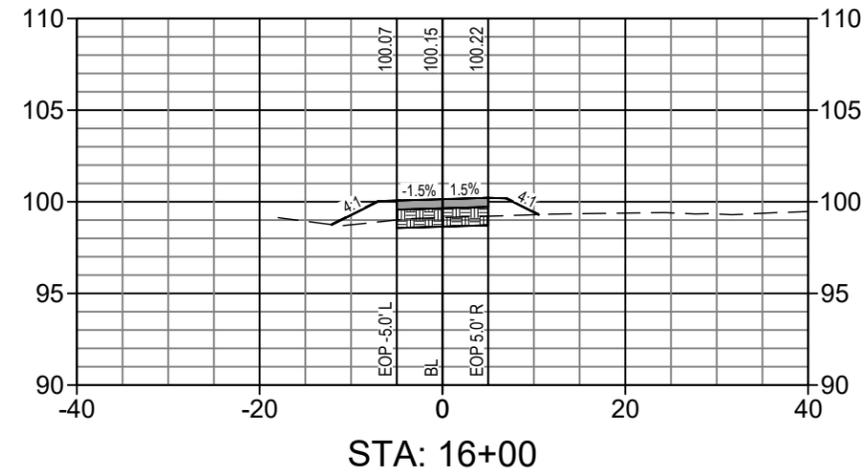
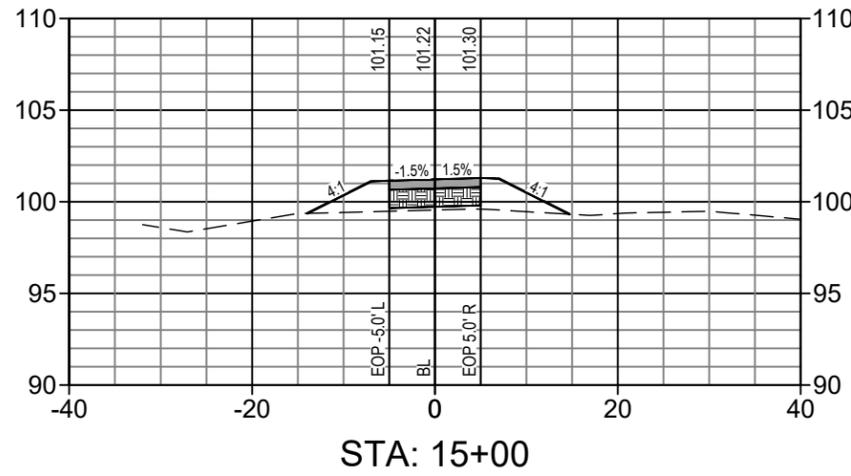
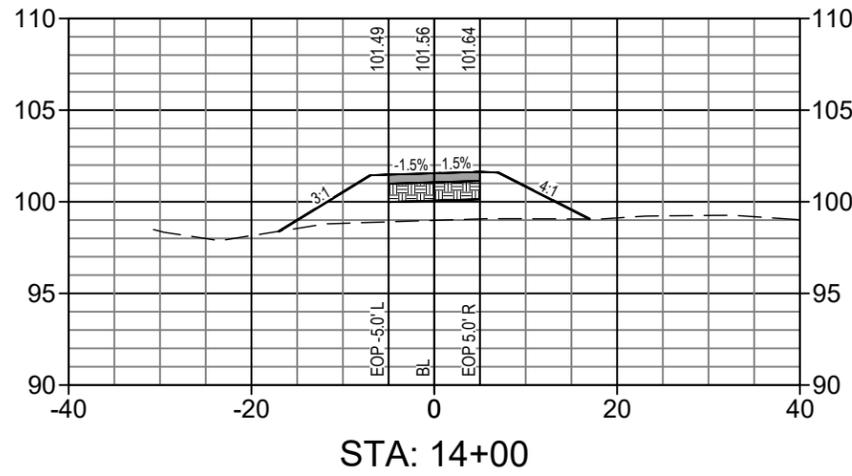
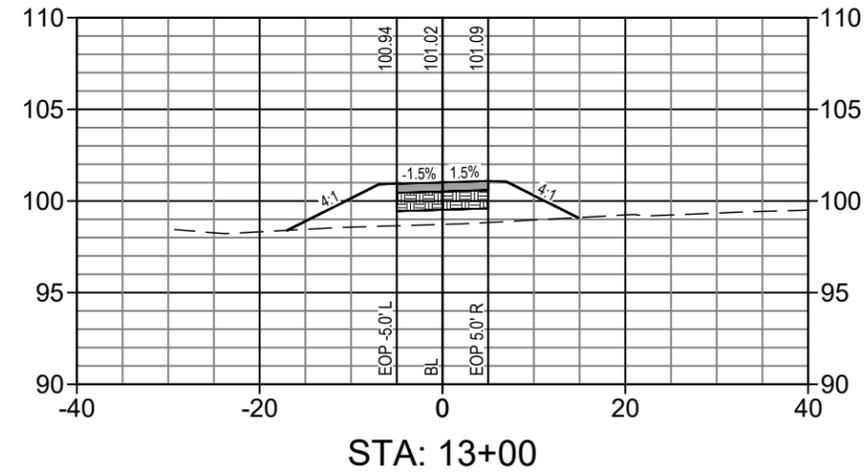
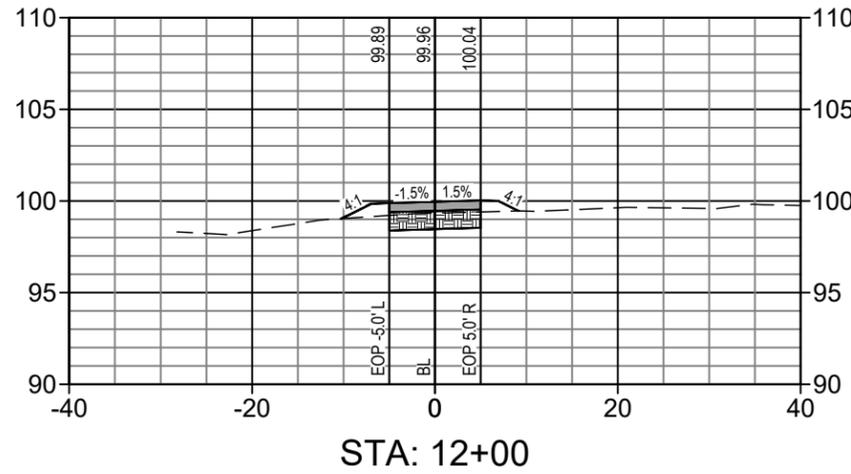
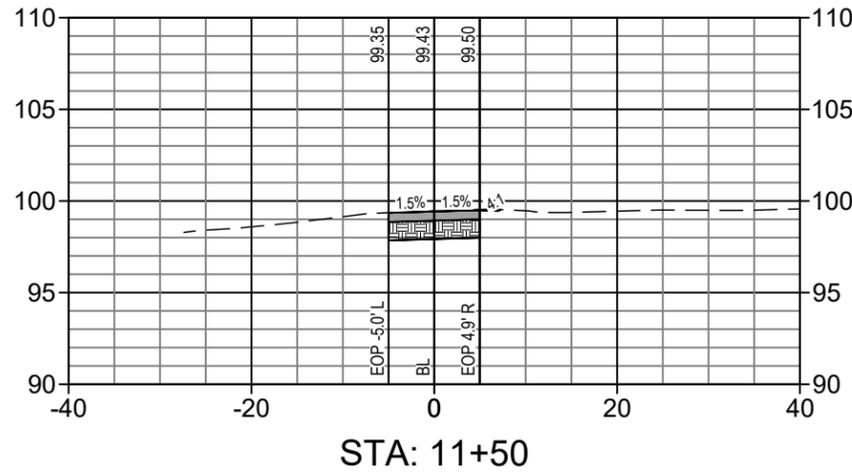
SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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NORTH LAKE TRAIL
 SEGMENT III-A
 ENLARGED VIEWS

JOB NO.: 215811267
 SHEET: C-202

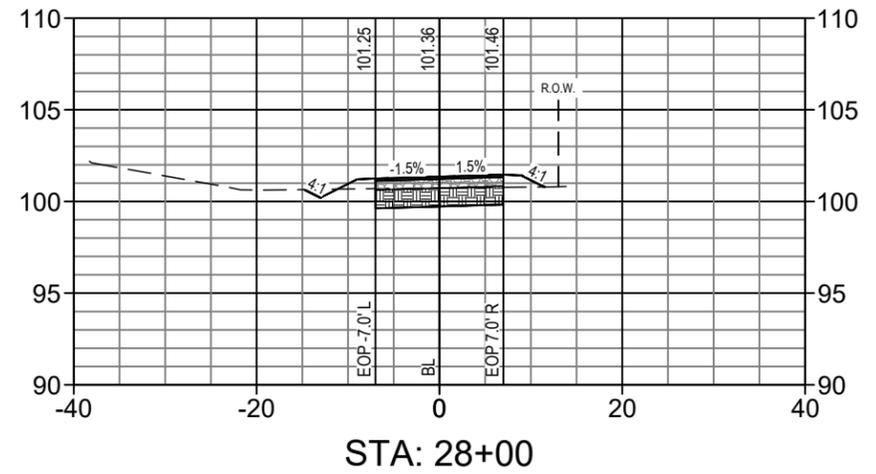
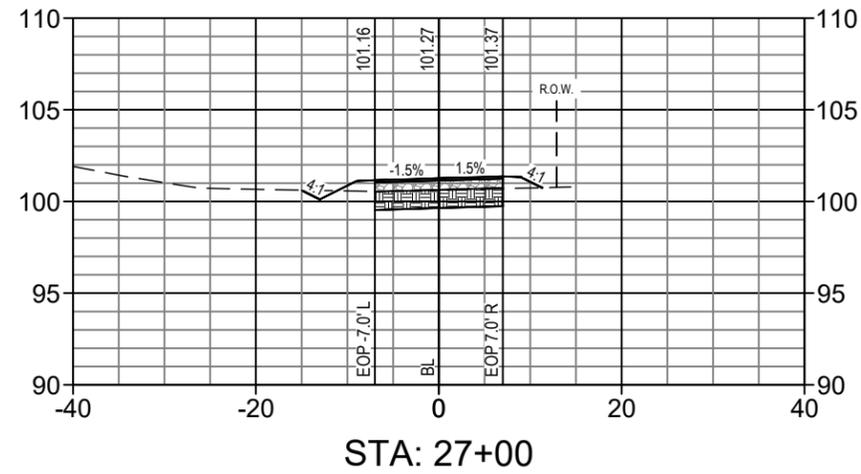
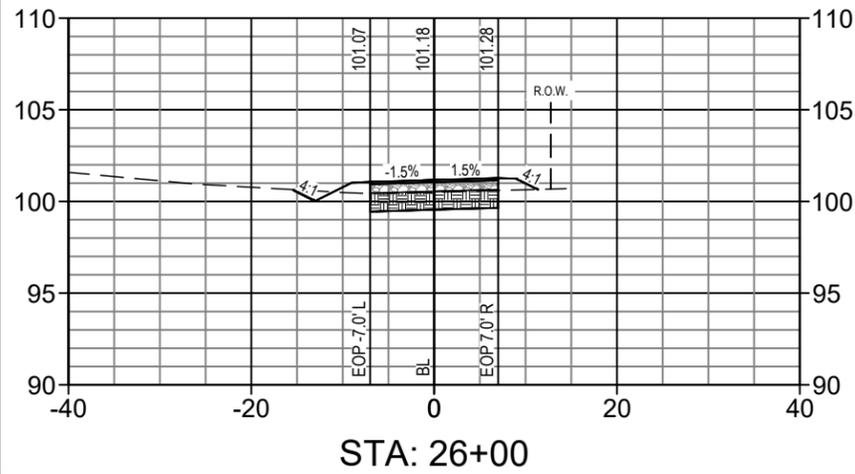
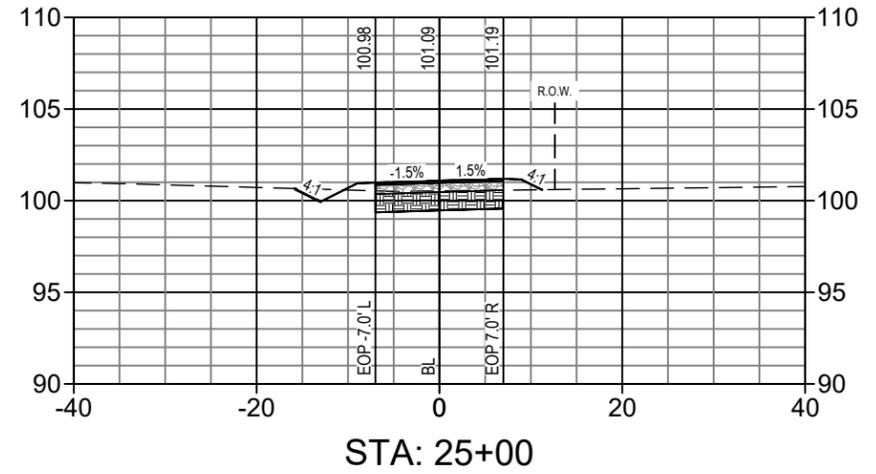
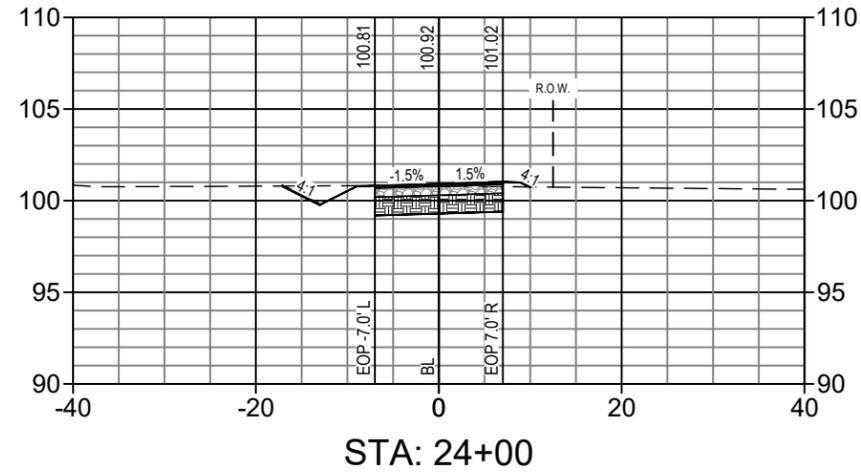
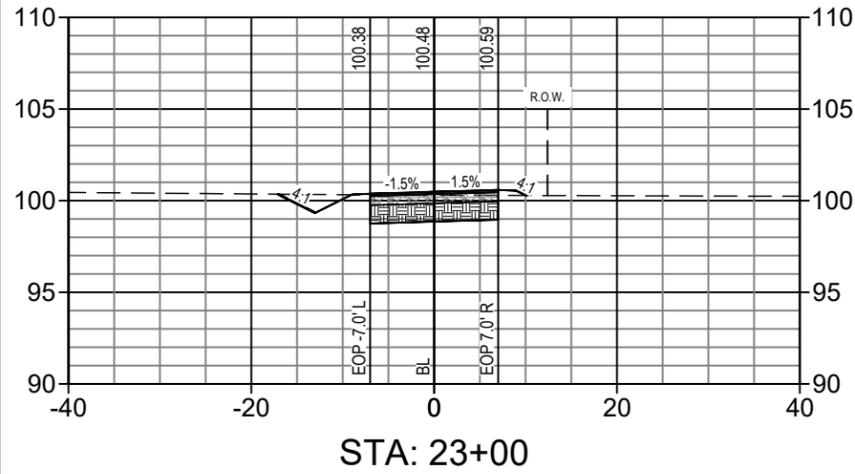
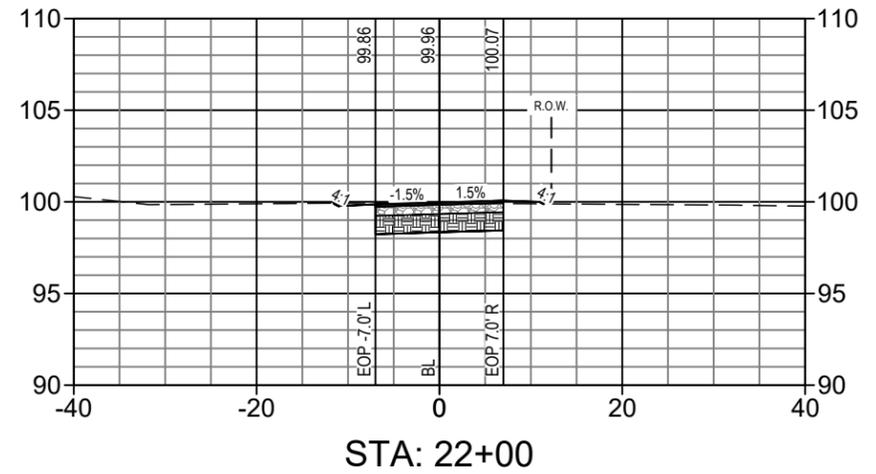
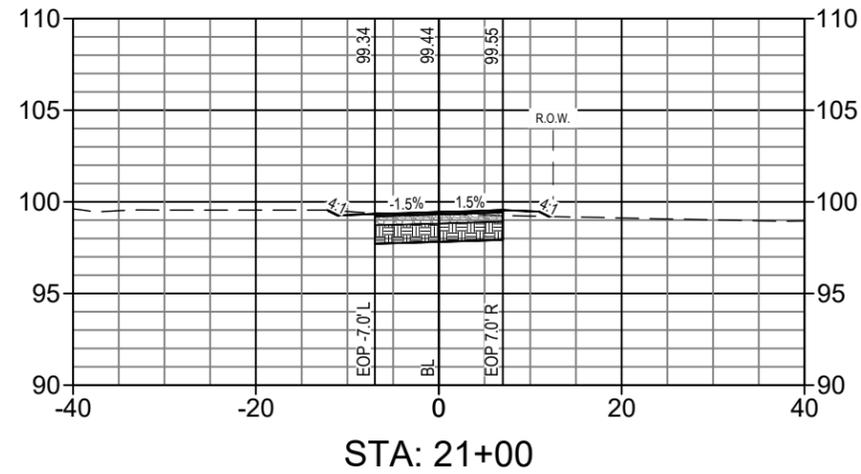
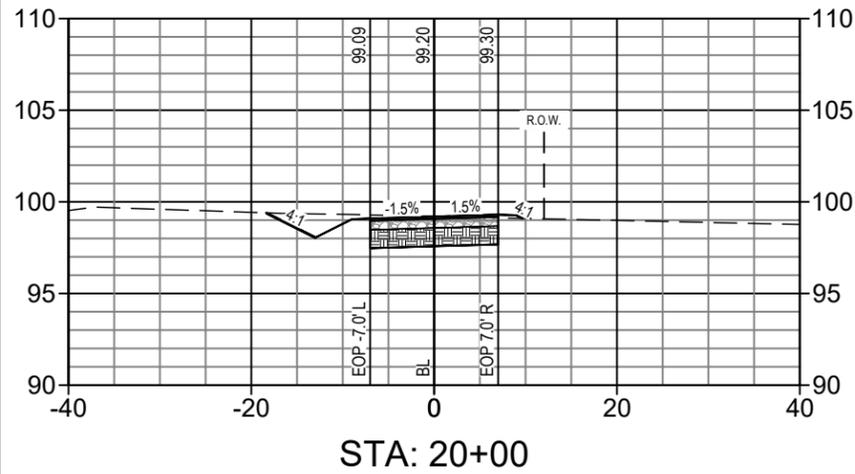


SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS



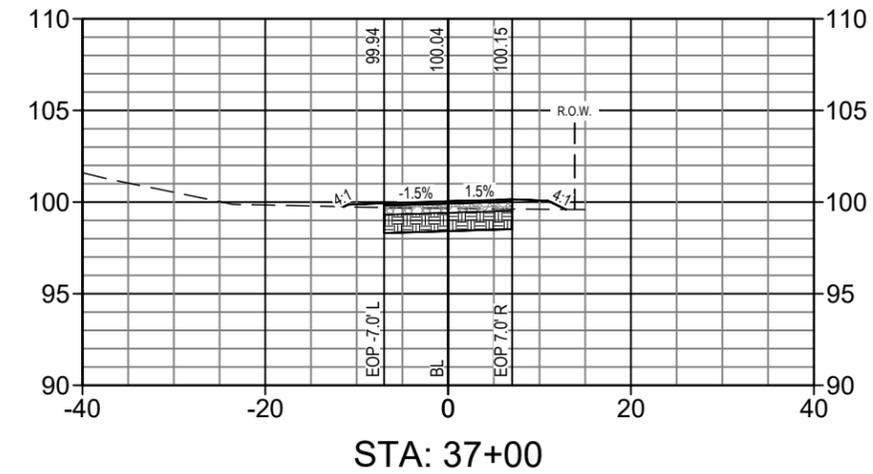
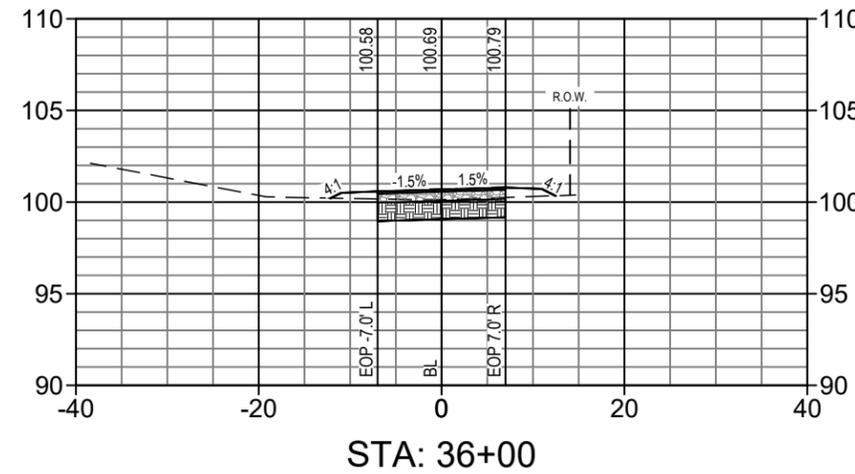
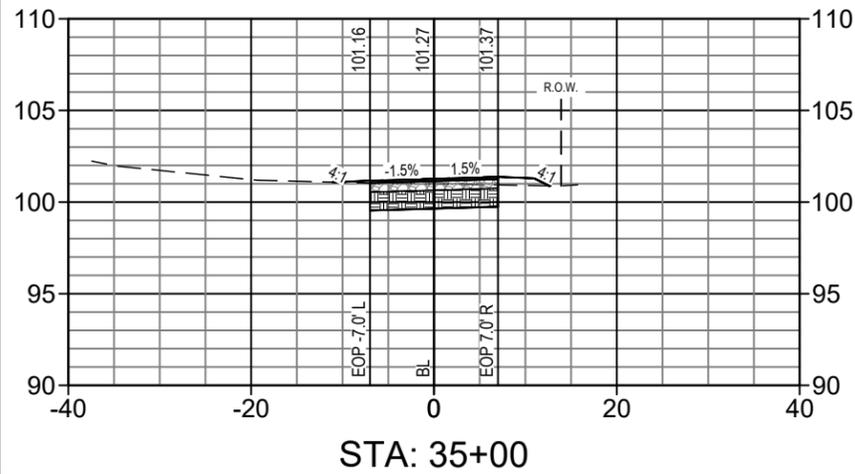
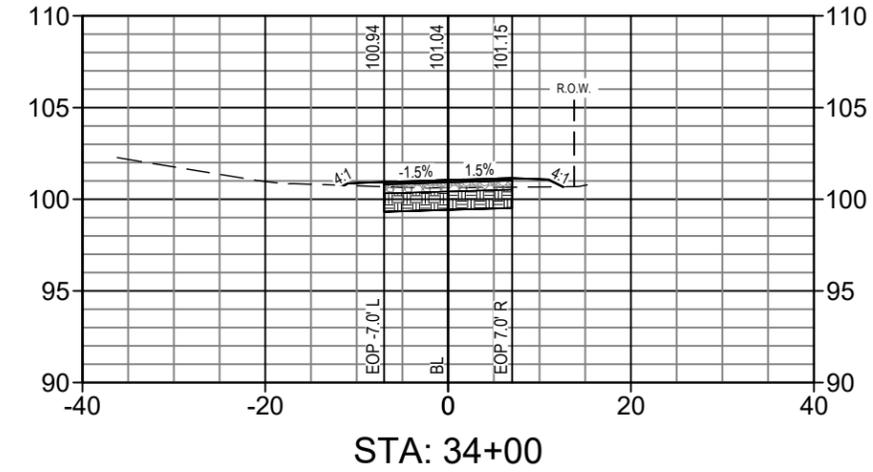
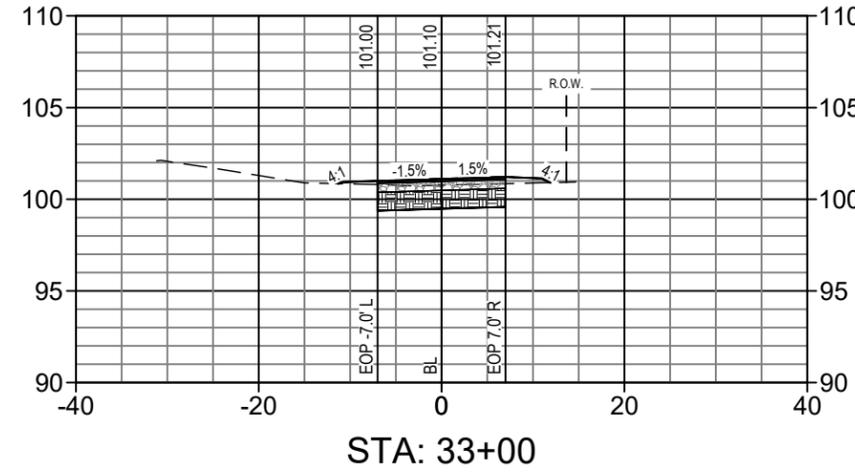
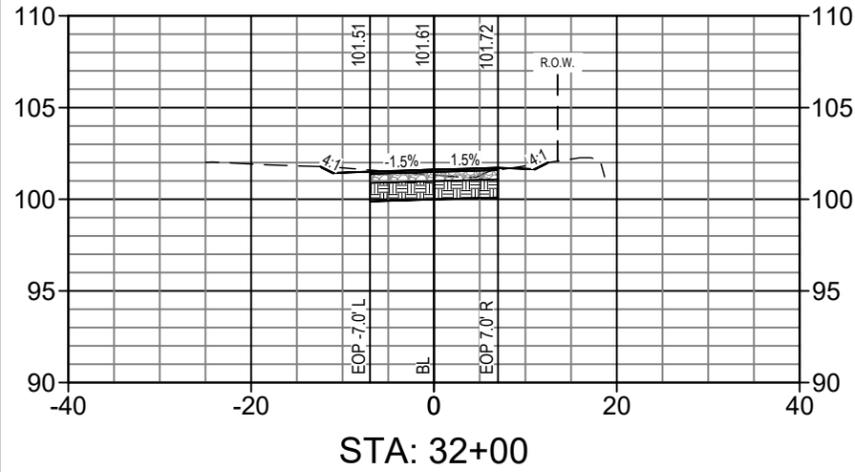
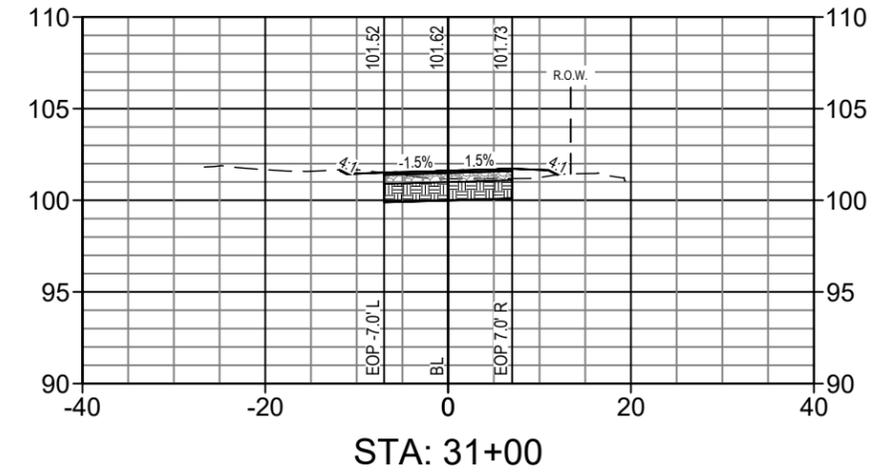
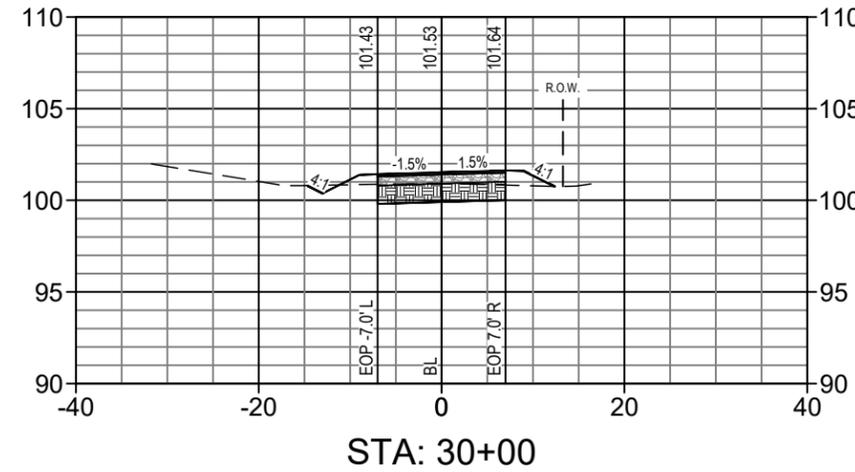
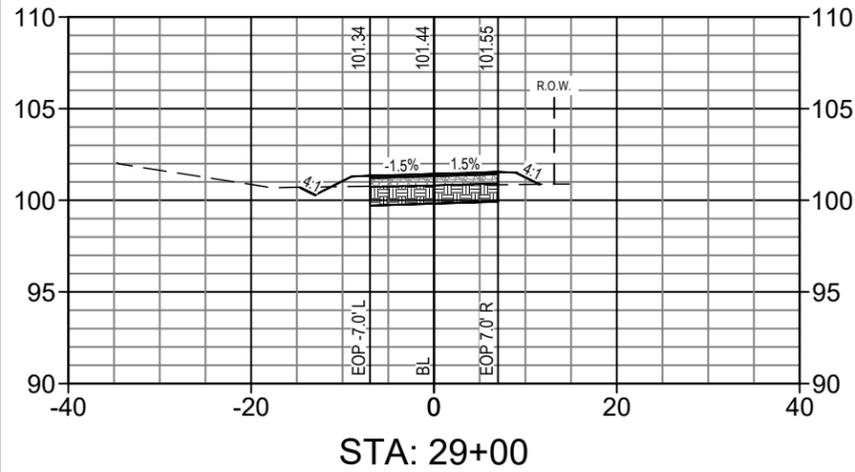
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ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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FIELD BOOK: N.A.	PAGE: N.A.
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NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

JOB NO.: 215811267
SHEET: C-302



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DATE

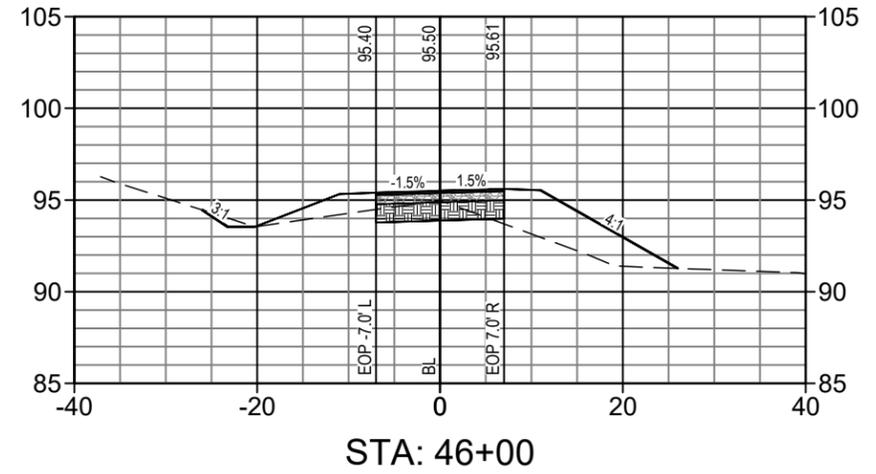
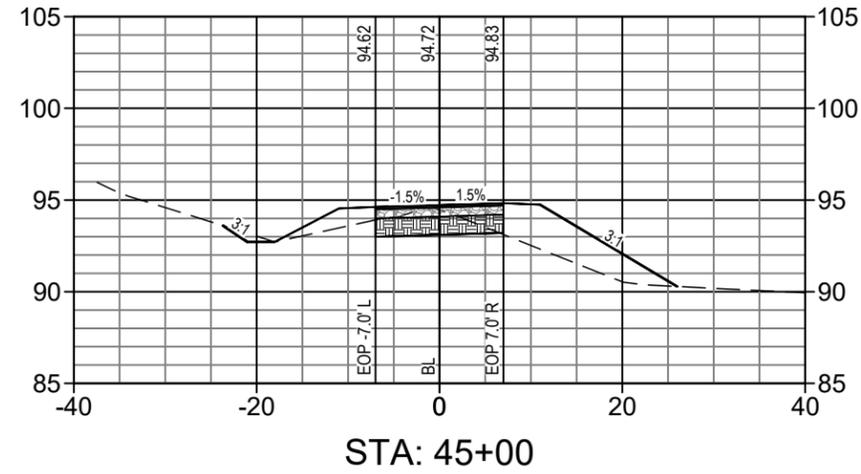
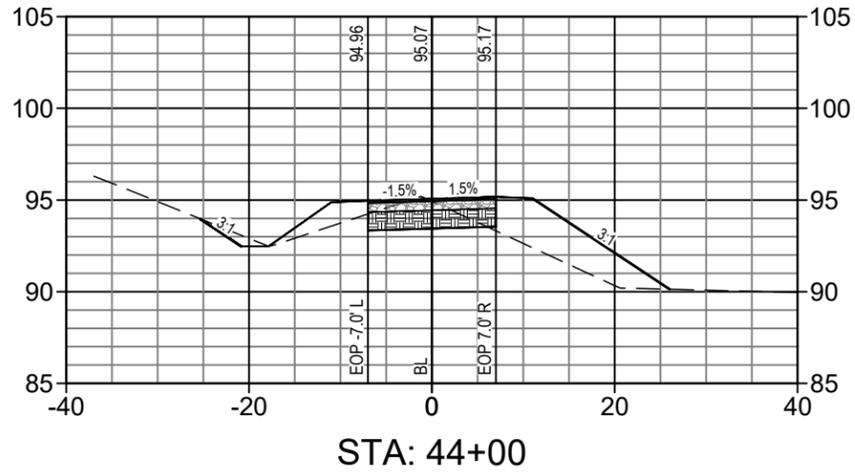
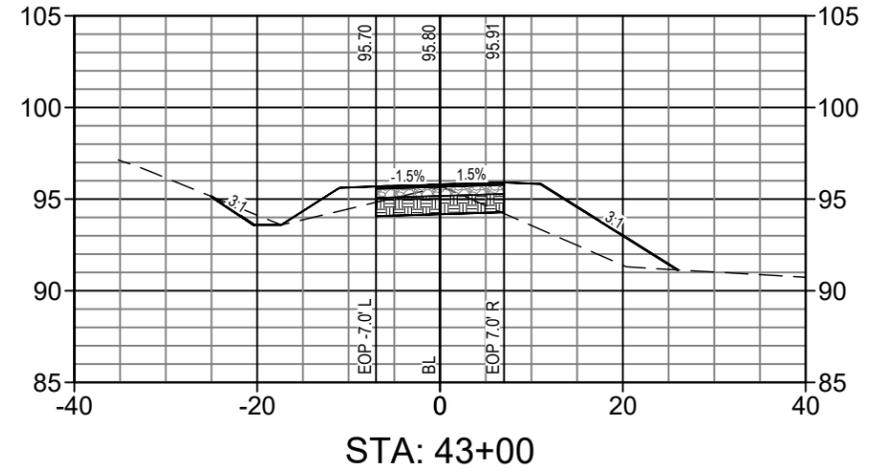
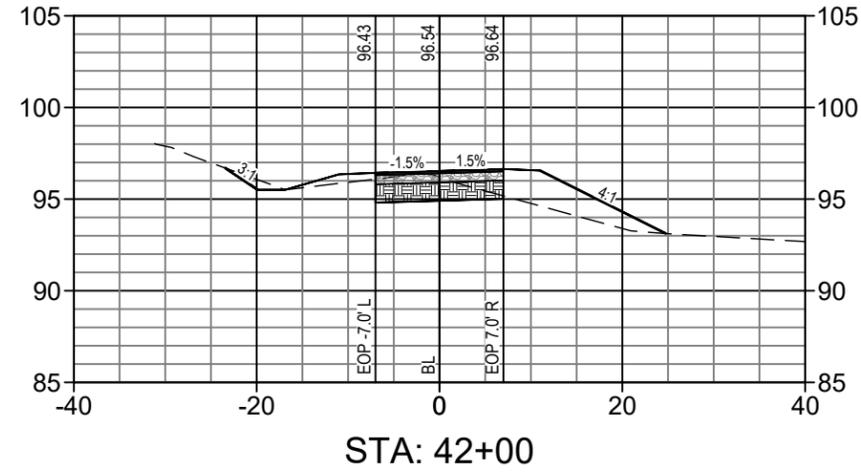
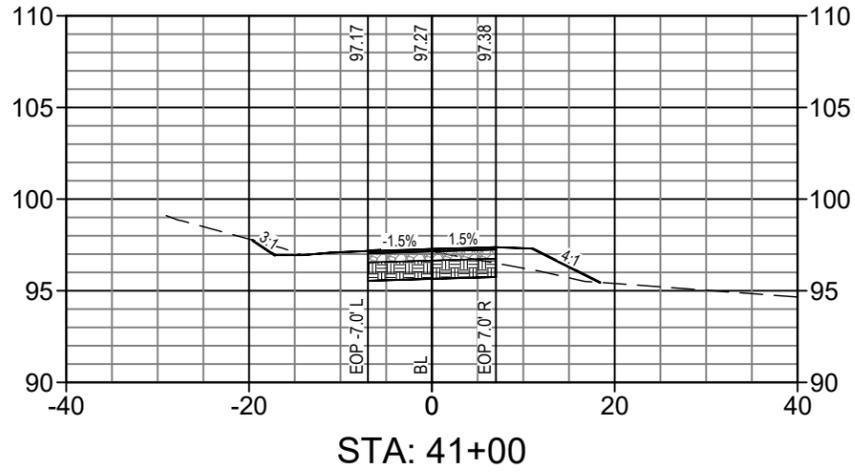
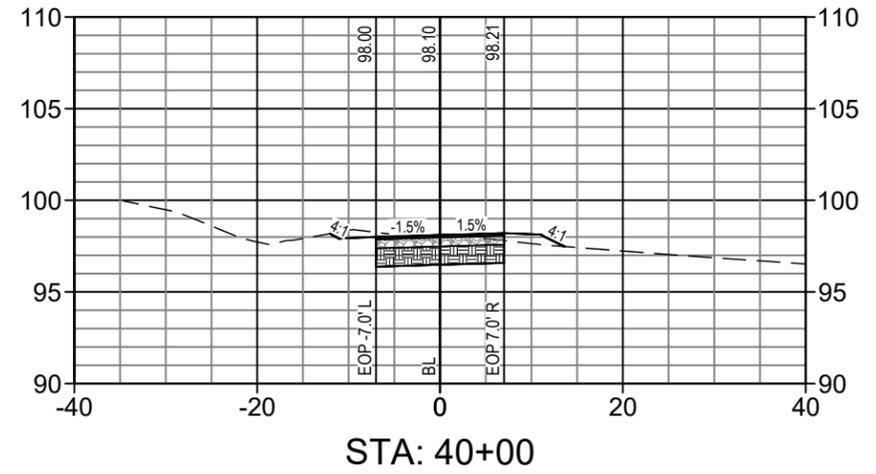
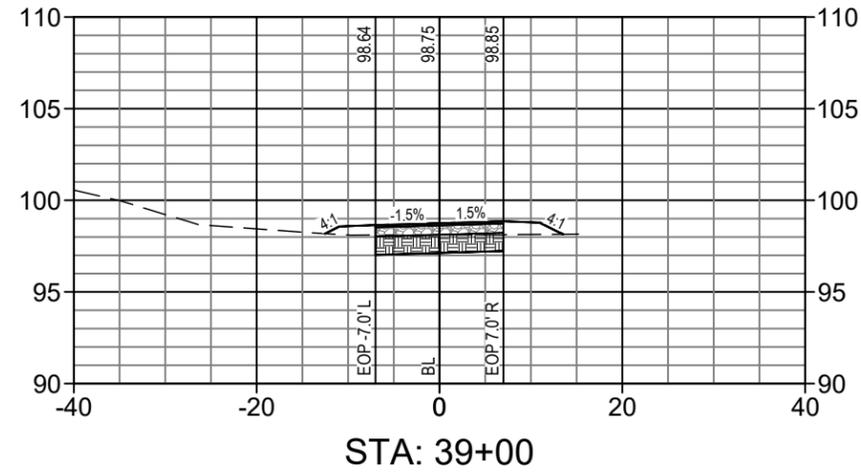
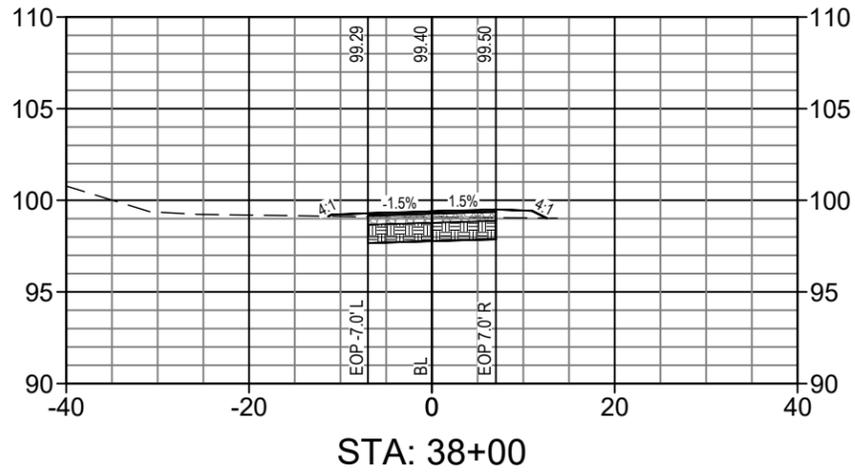
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350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

JOB NO.: 215811267
SHEET: C-303



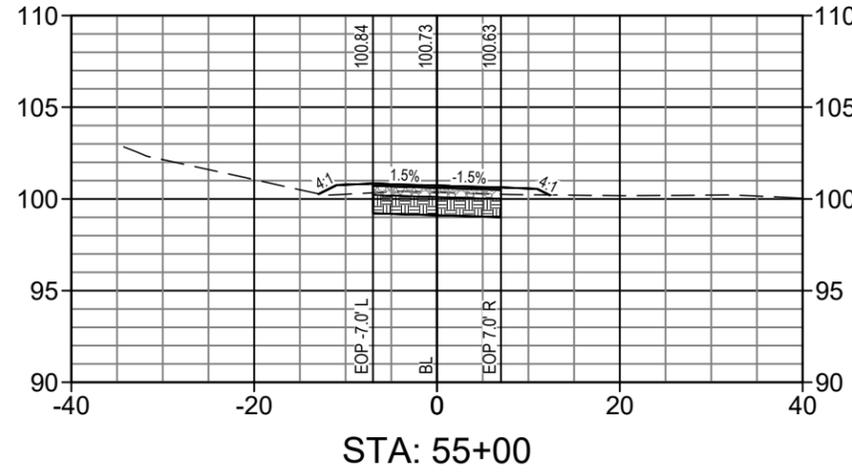
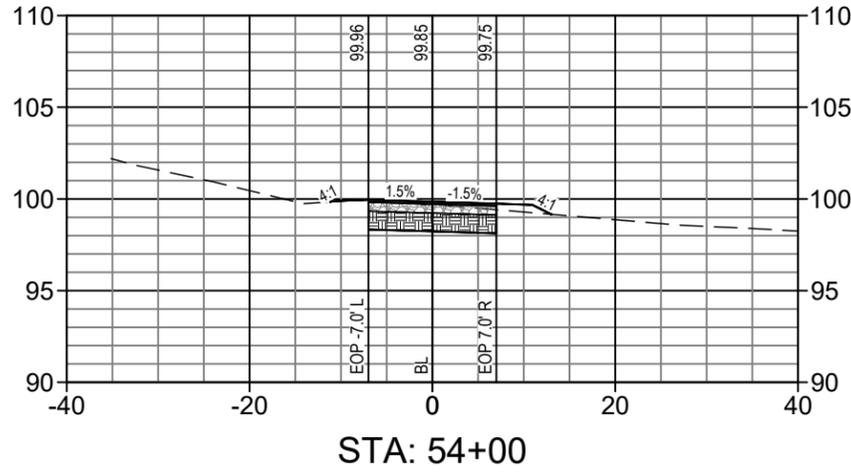
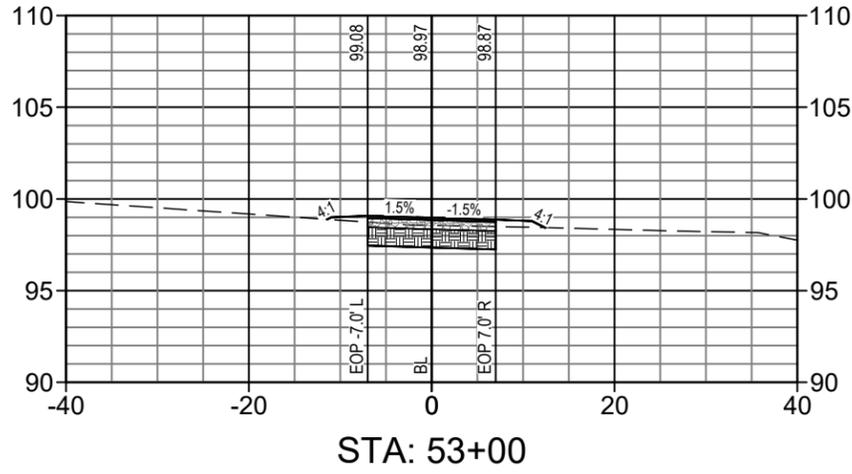
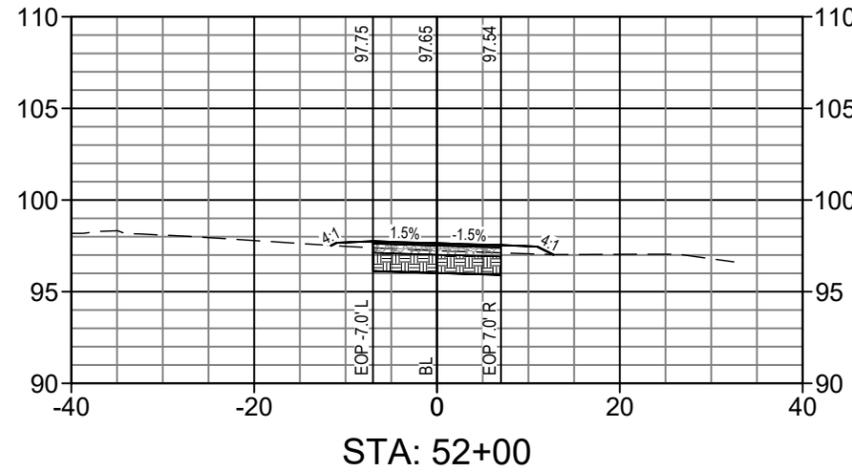
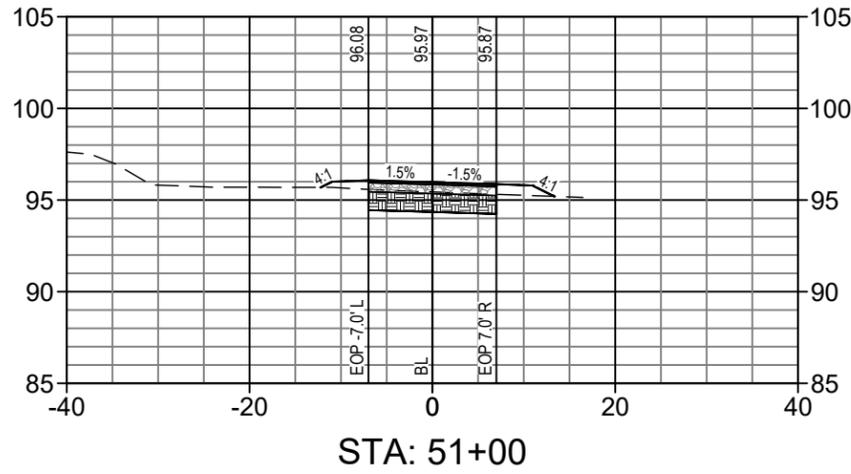
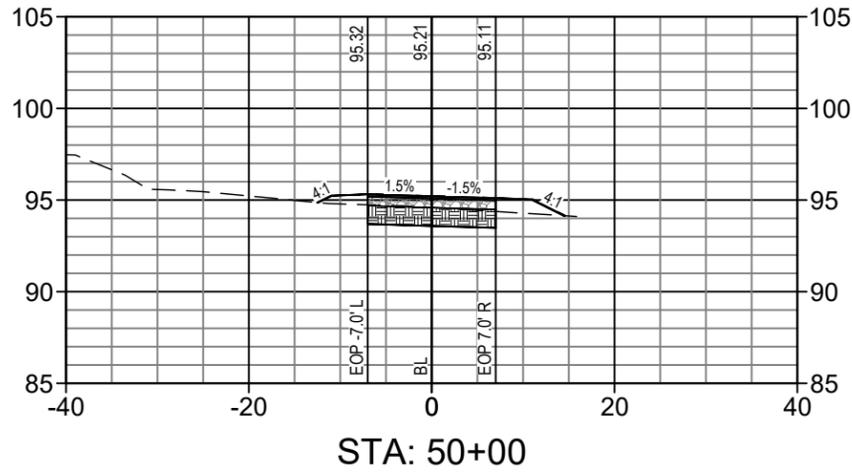
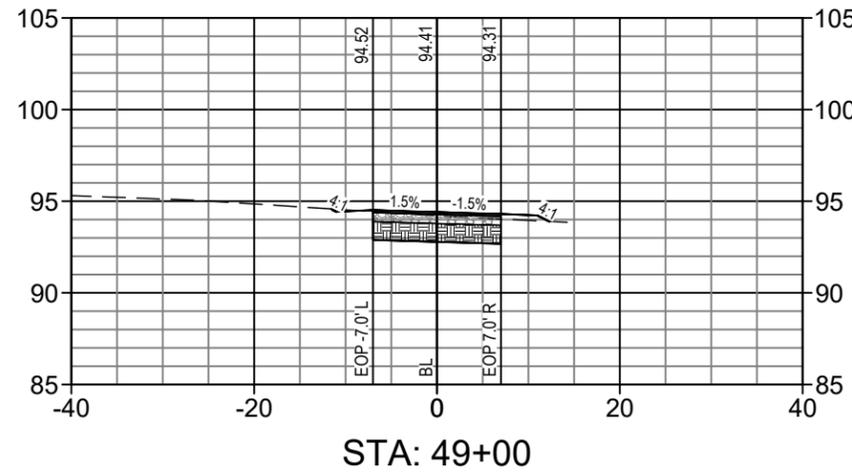
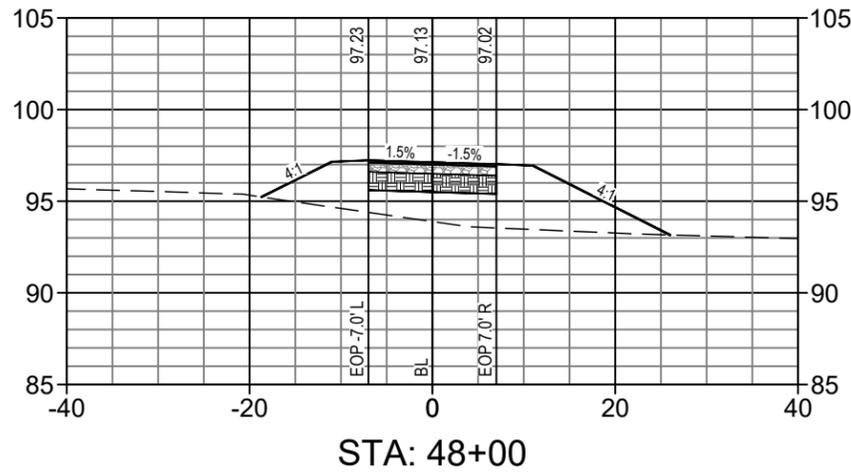
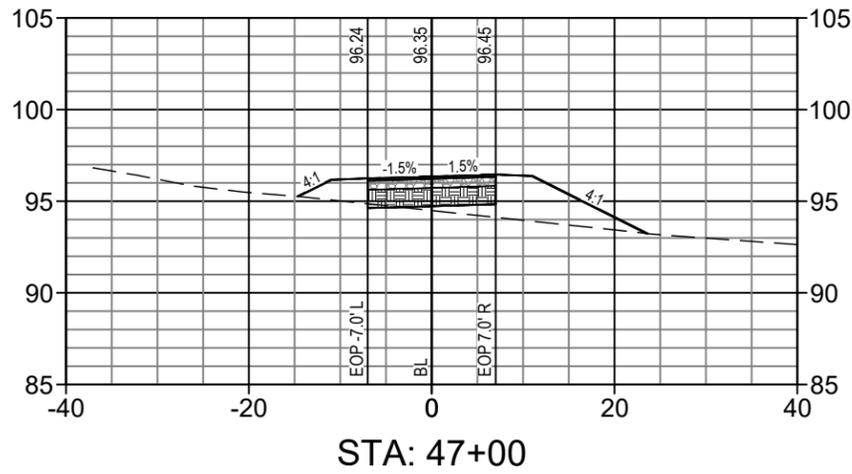
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NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

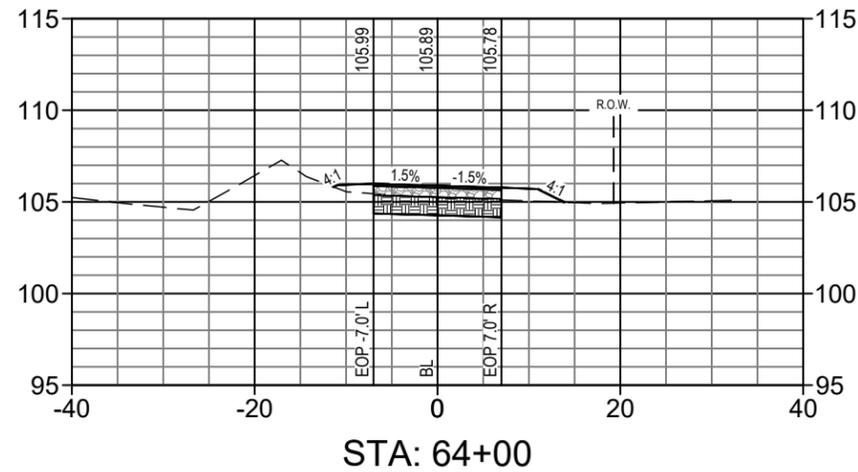
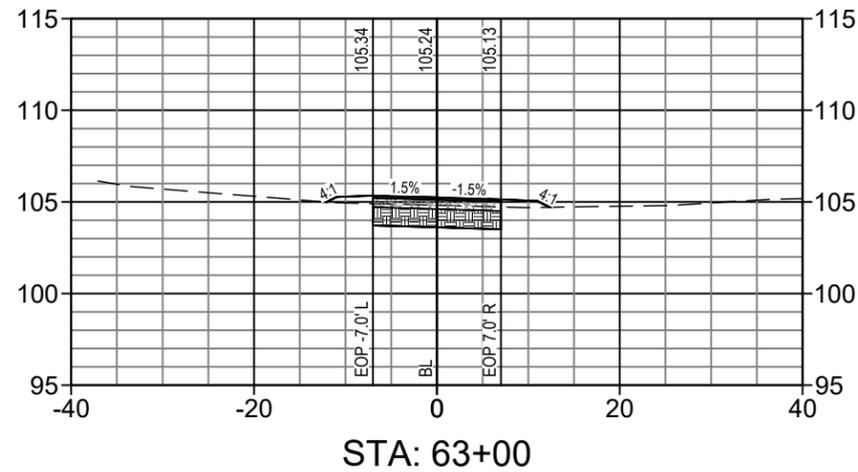
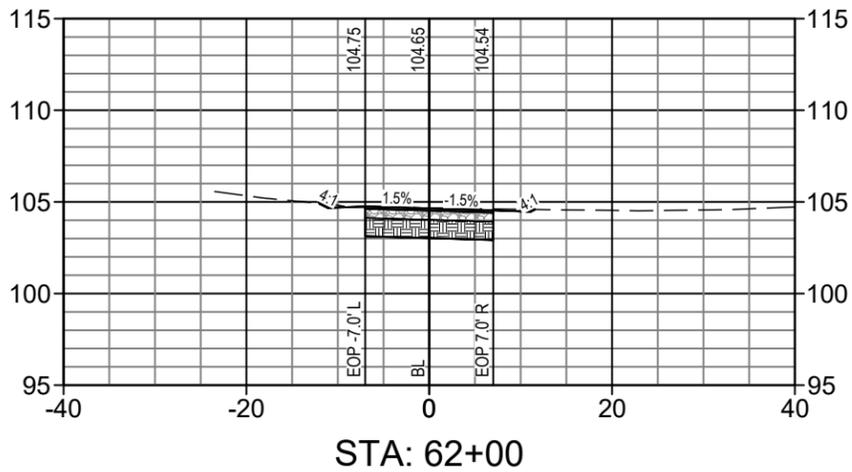
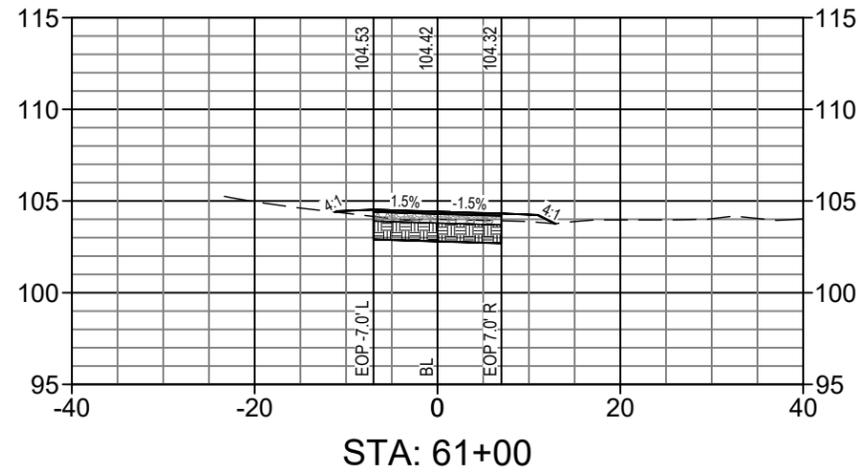
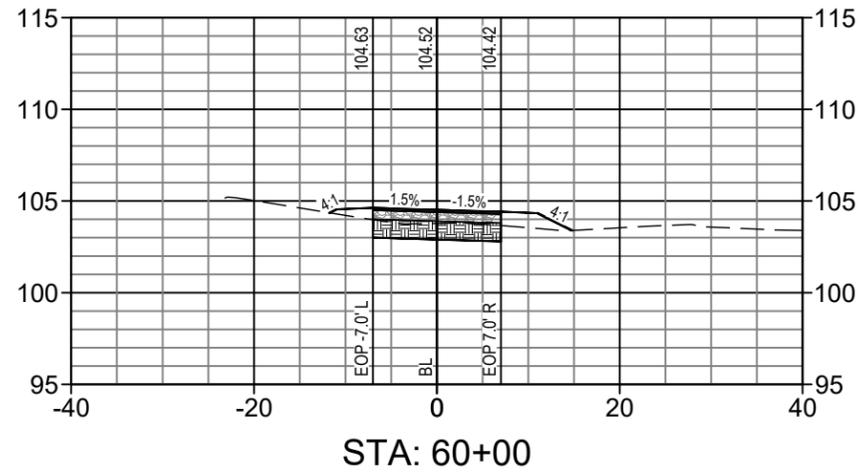
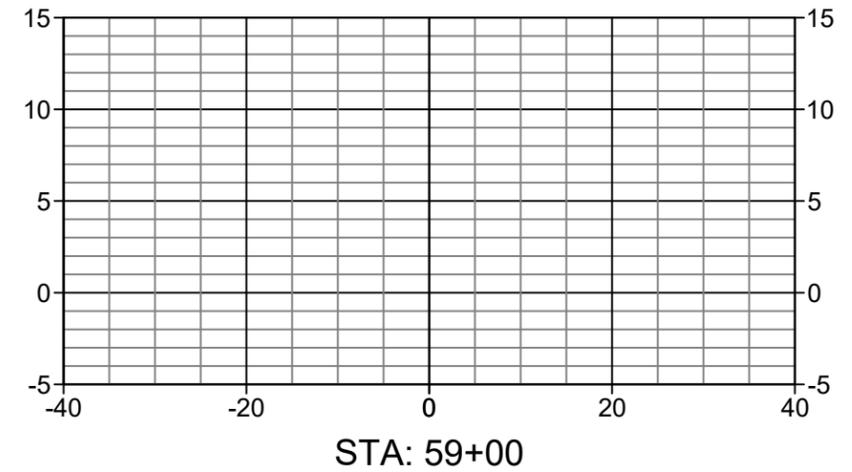
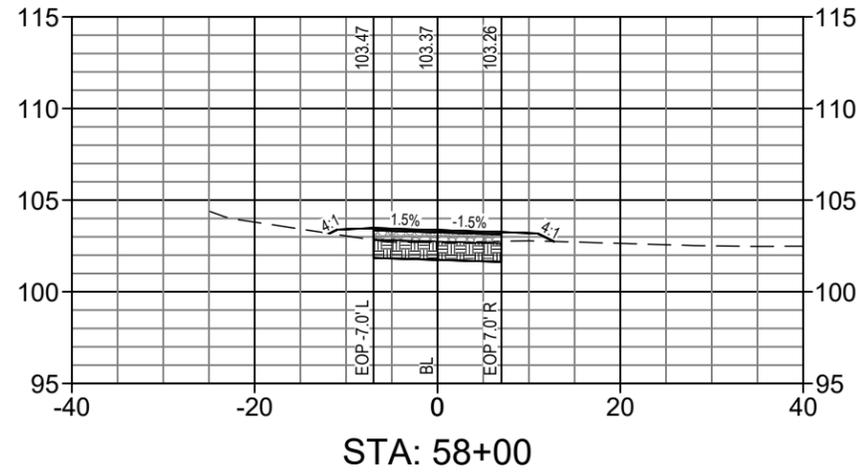
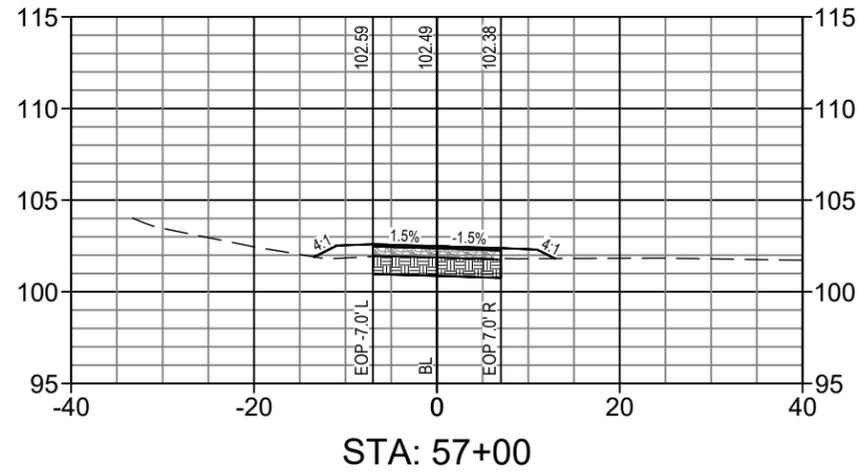
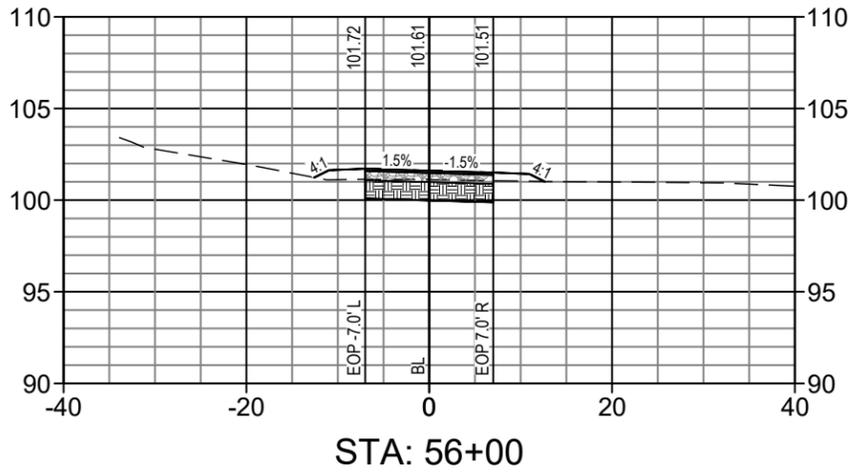


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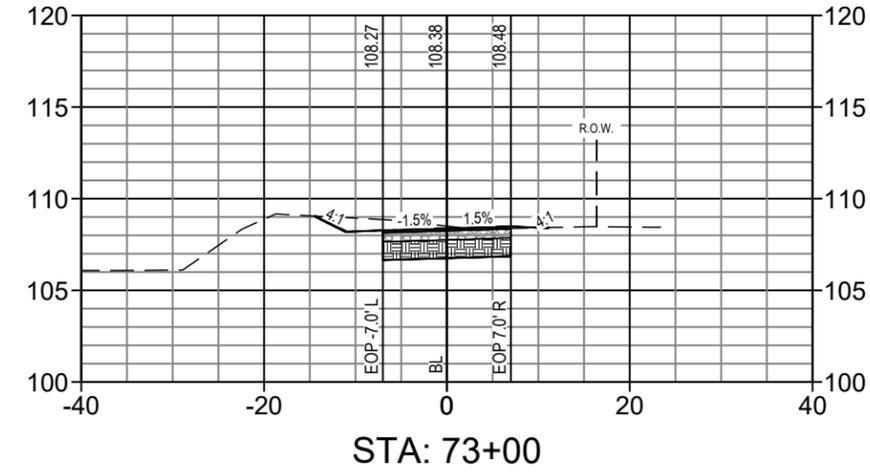
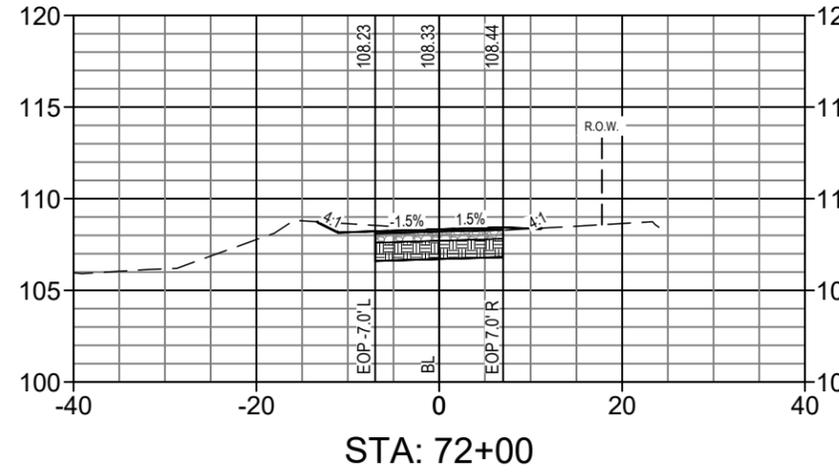
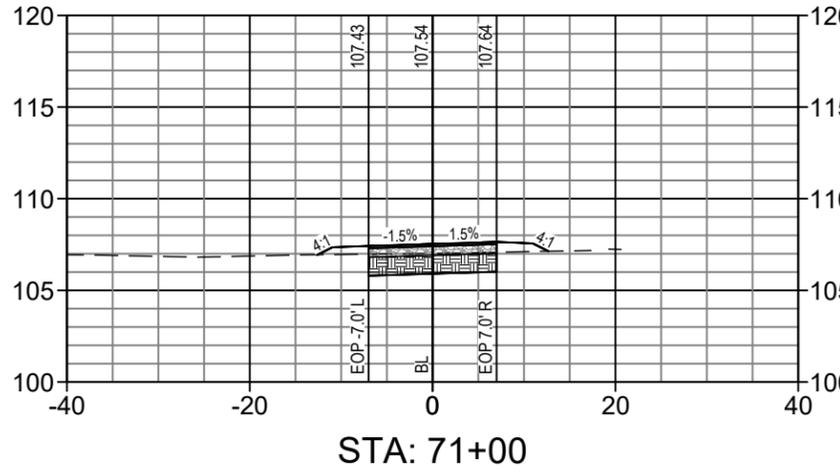
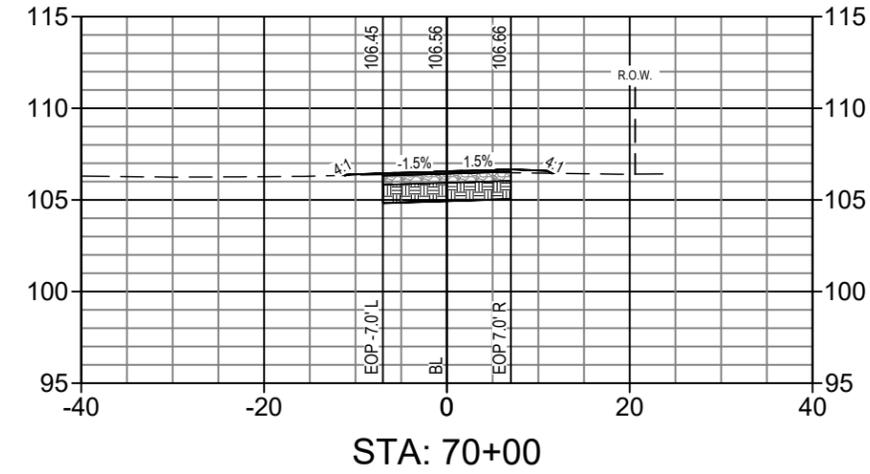
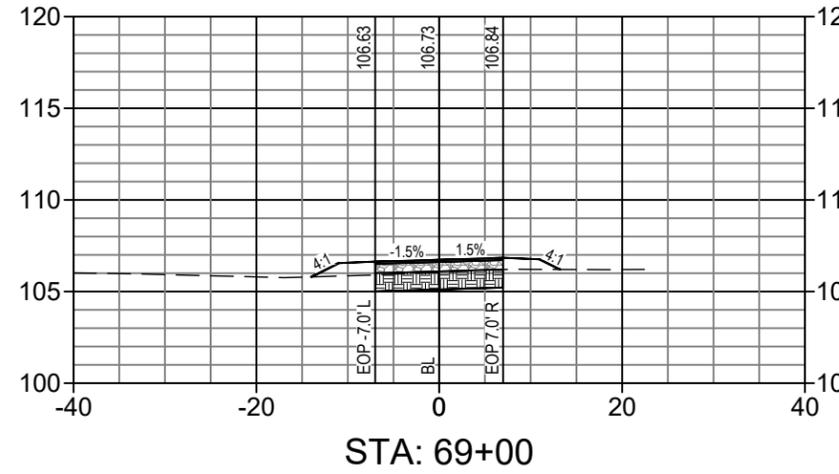
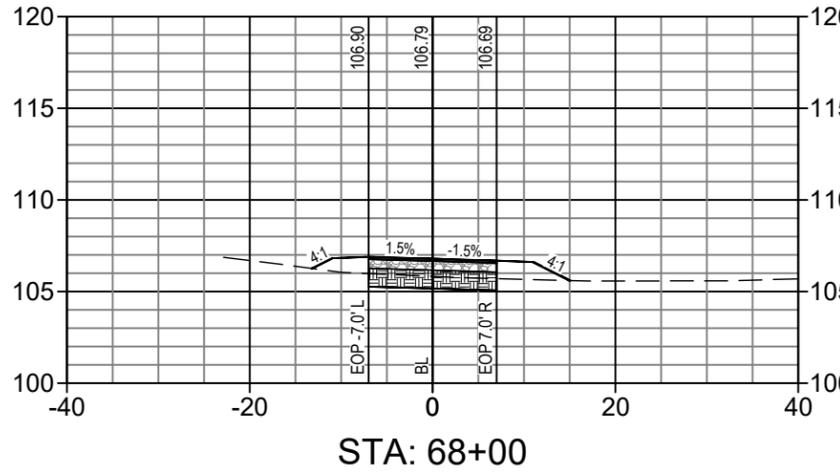
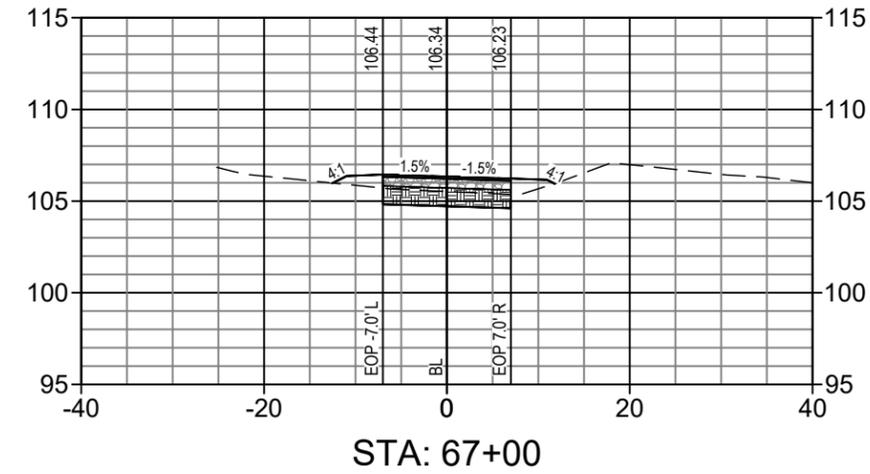
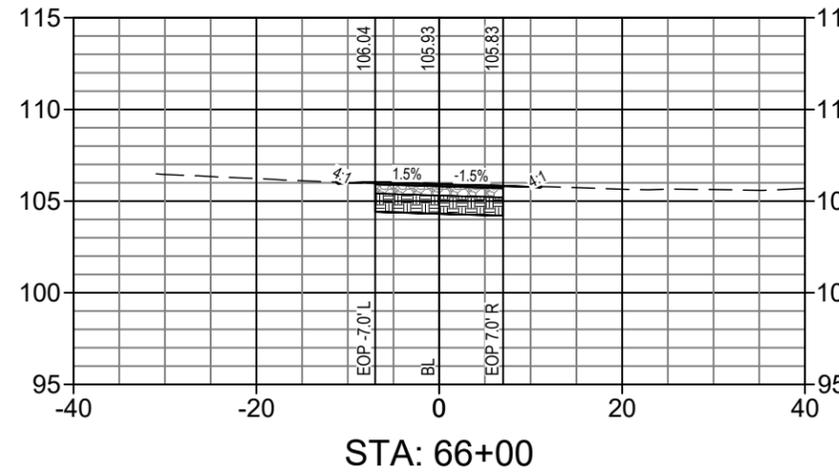
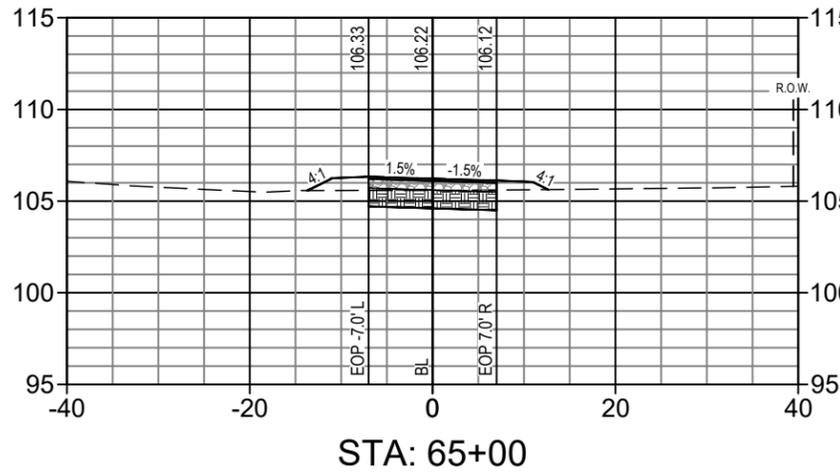
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350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS



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NORTH LAKE TRAIL SEGMENT III - A CROSS-SECTIONS					
JOB NO.: 215811267					
SHEET: C-306					

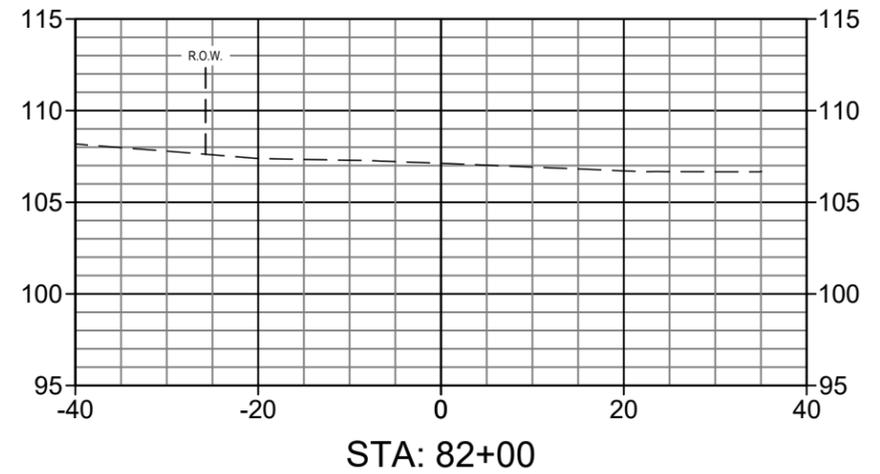
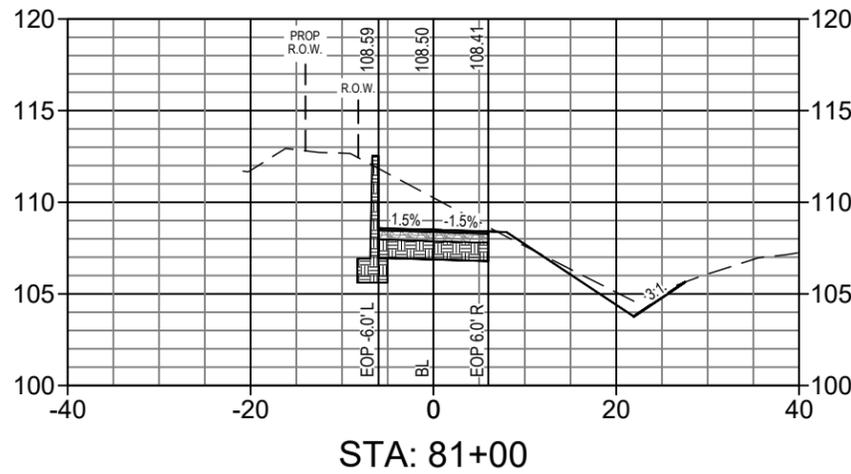
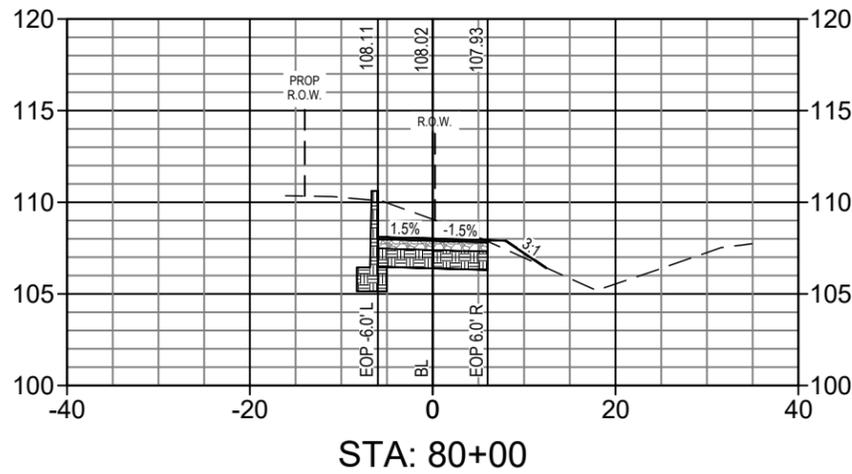
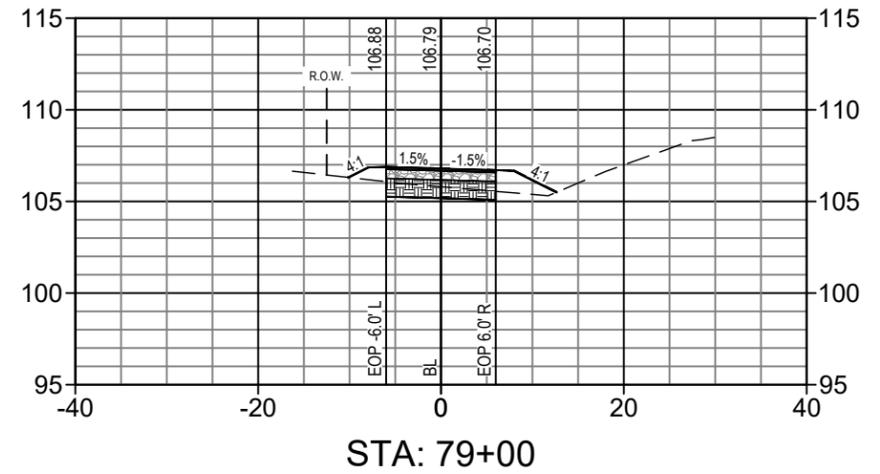
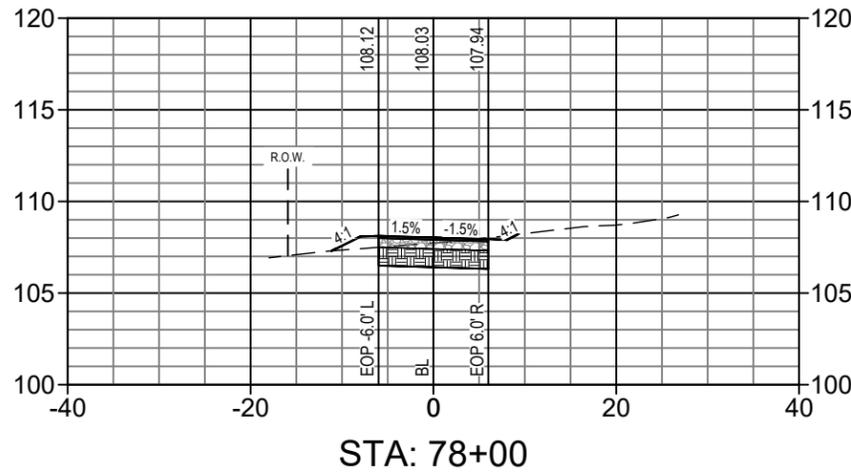
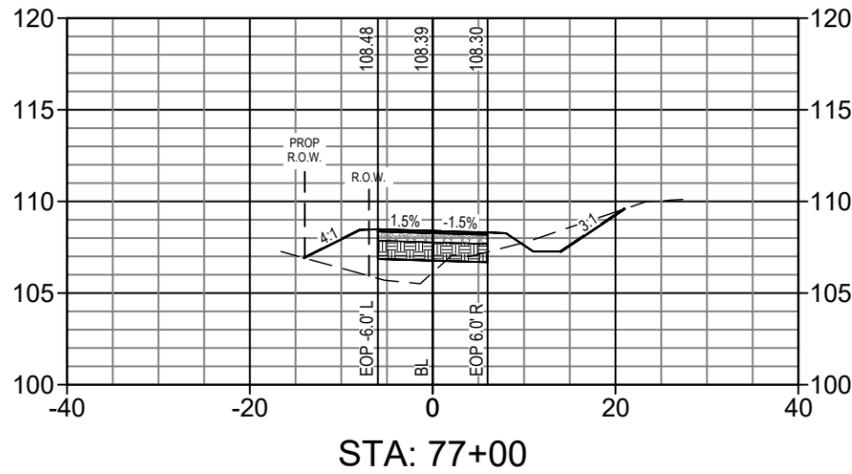
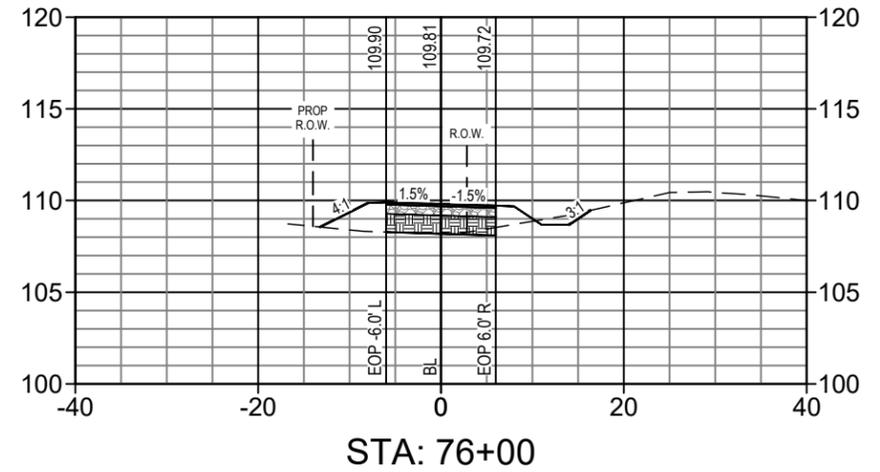
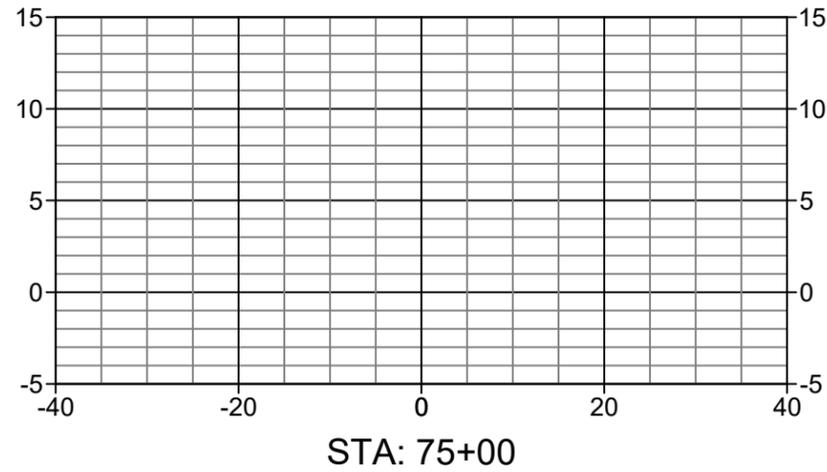
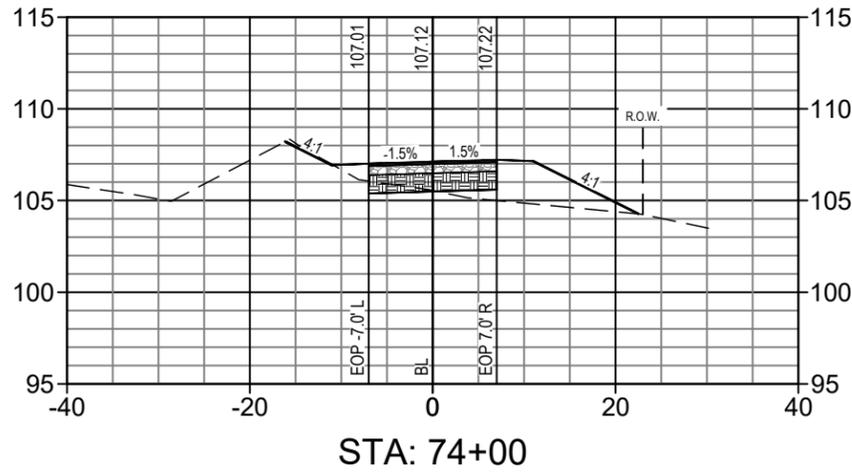


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NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

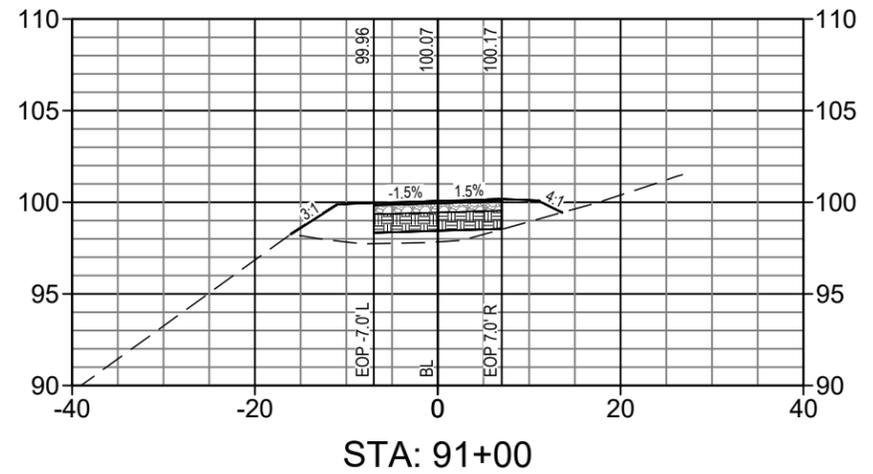
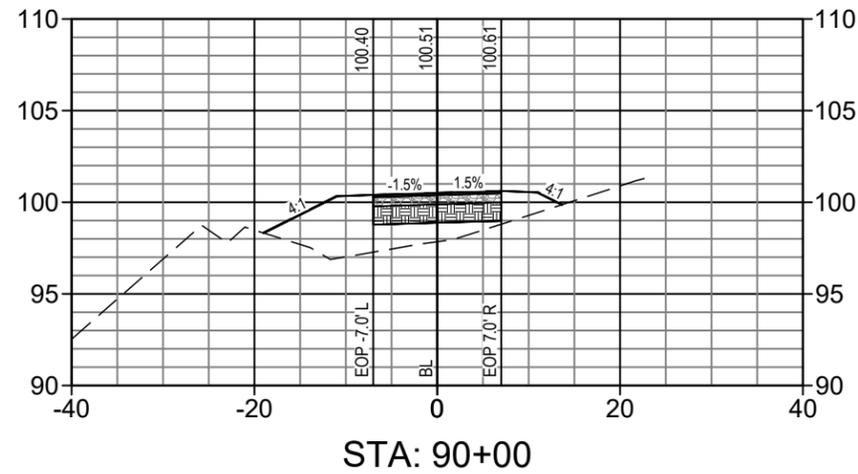
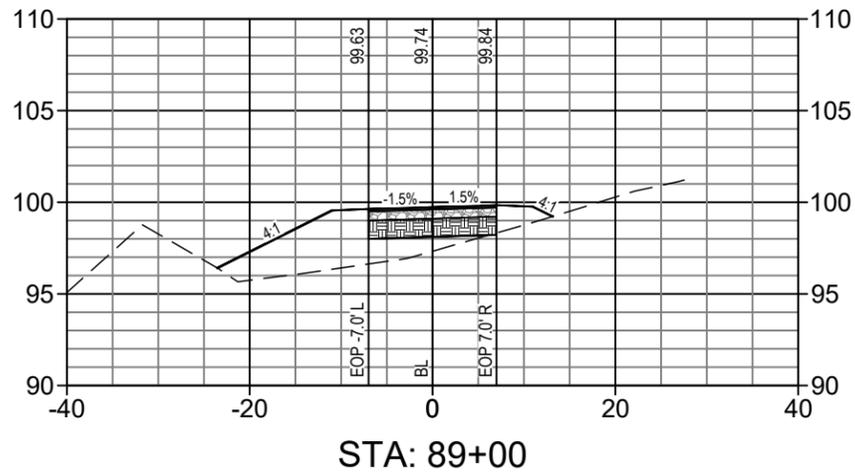
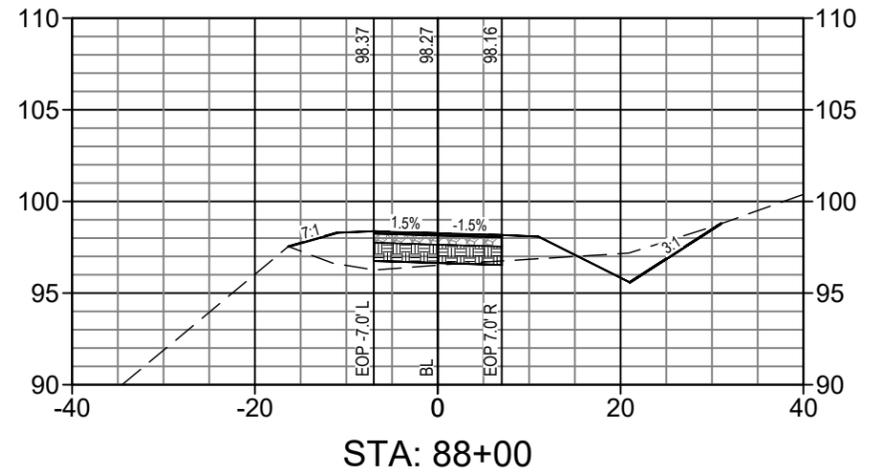
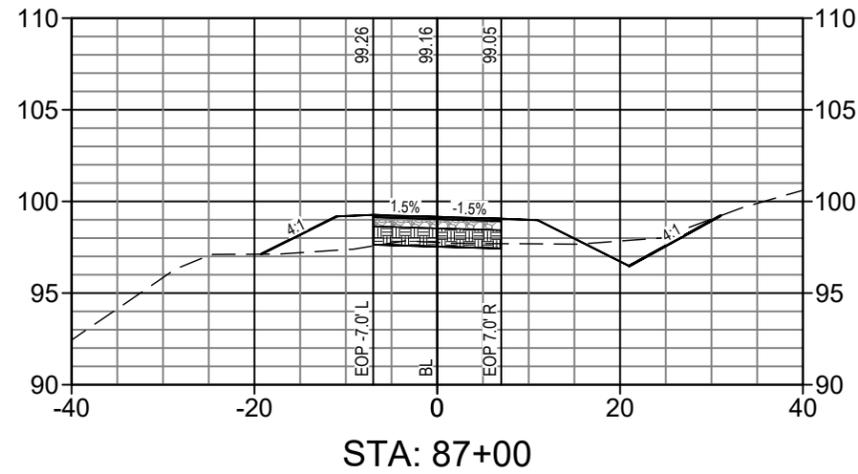
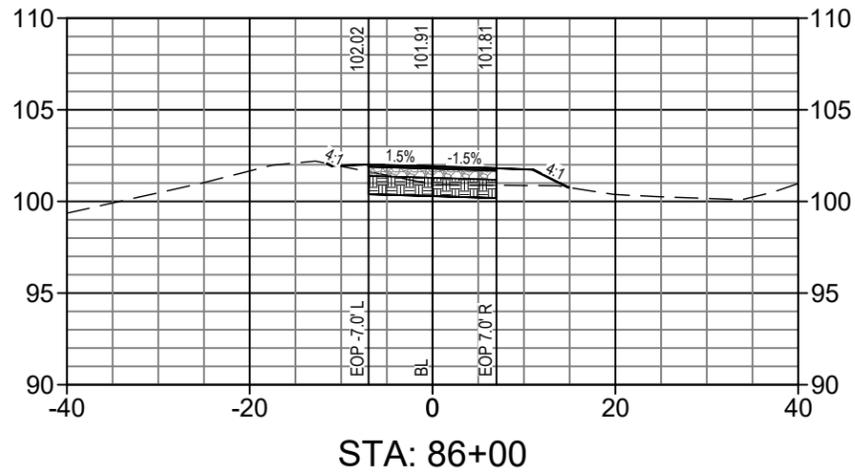
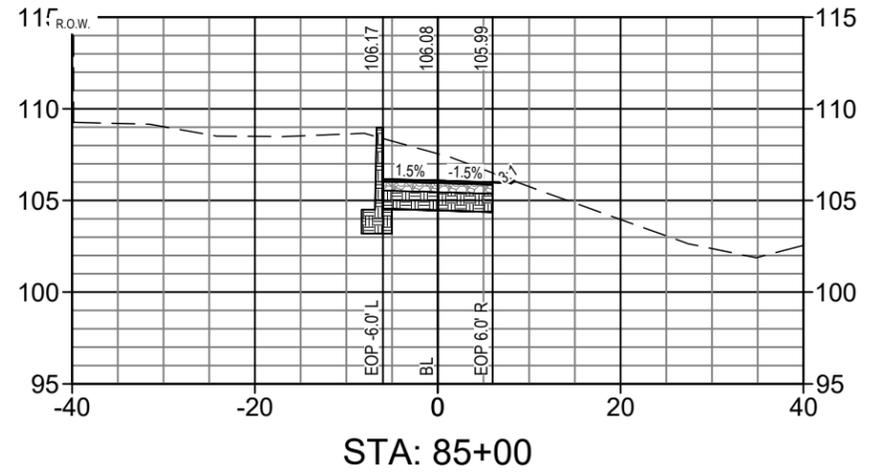
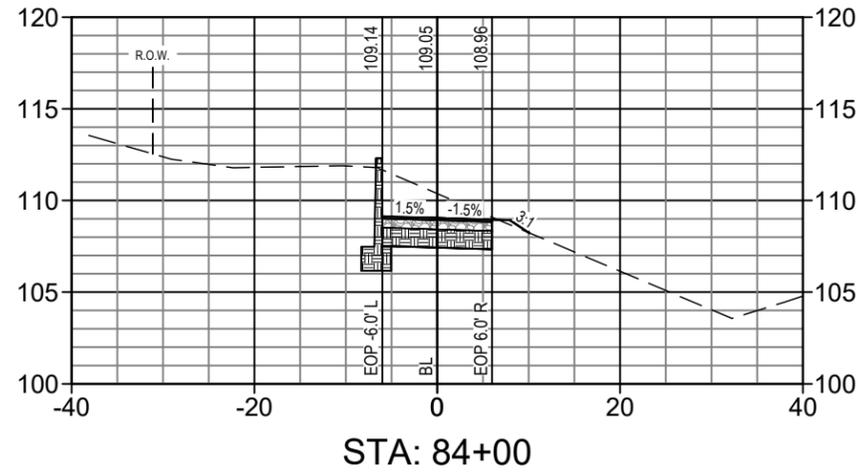
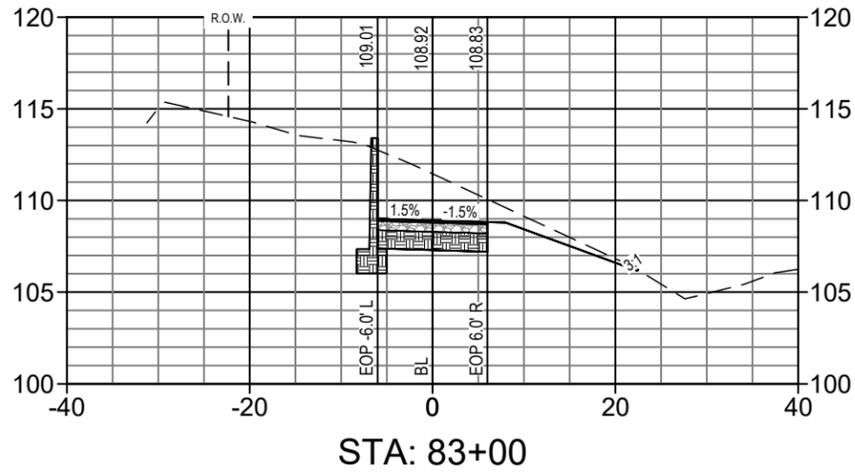


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NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

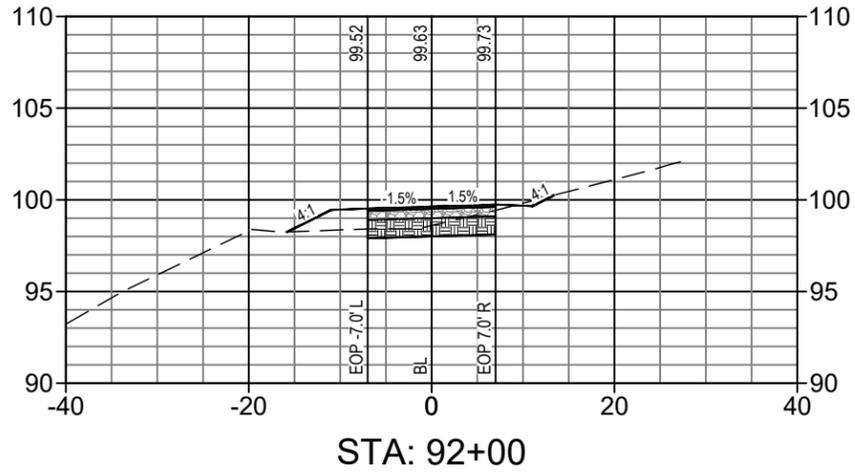


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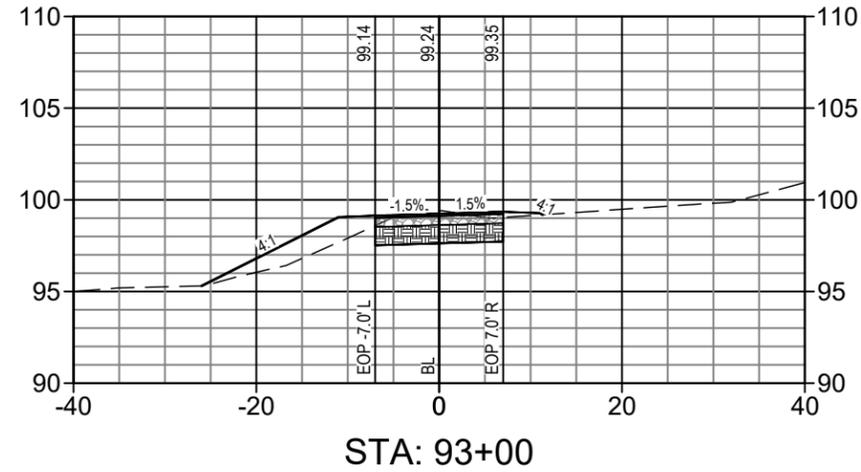
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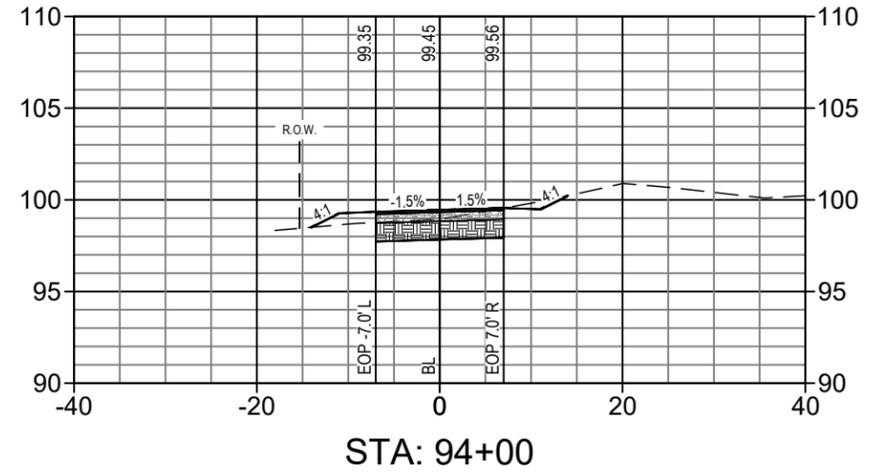
NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS



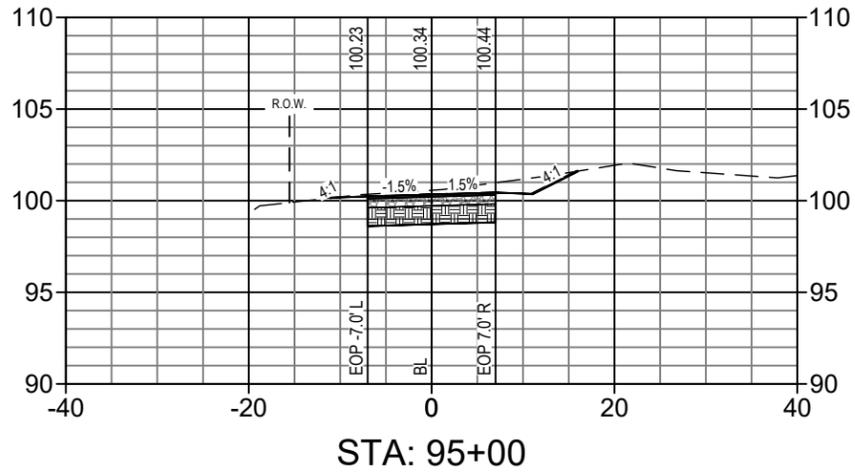
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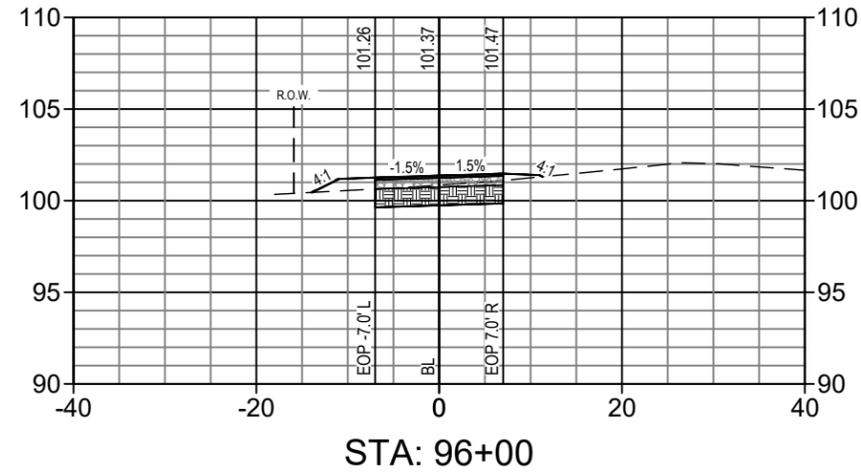
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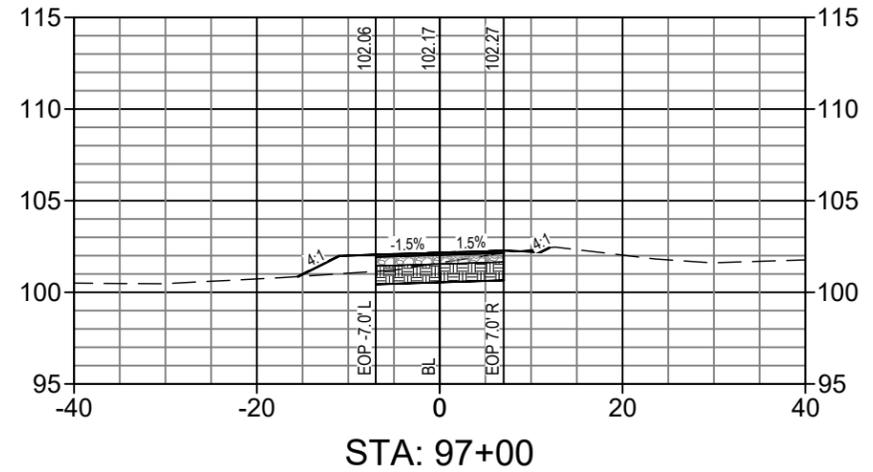
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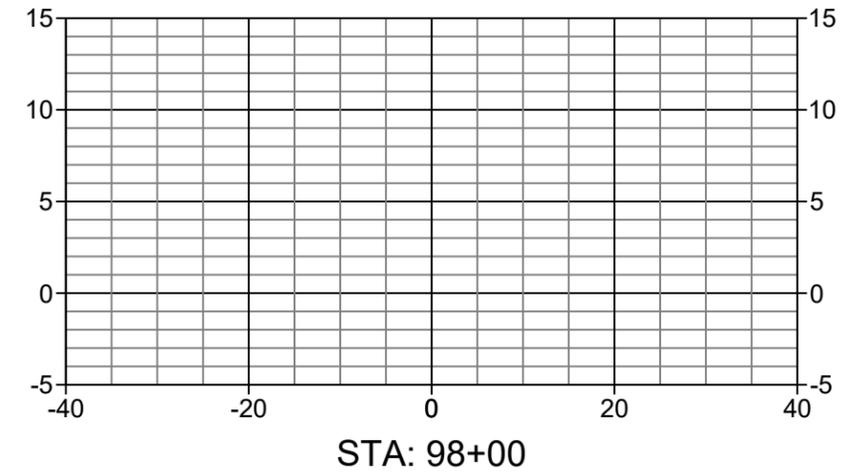
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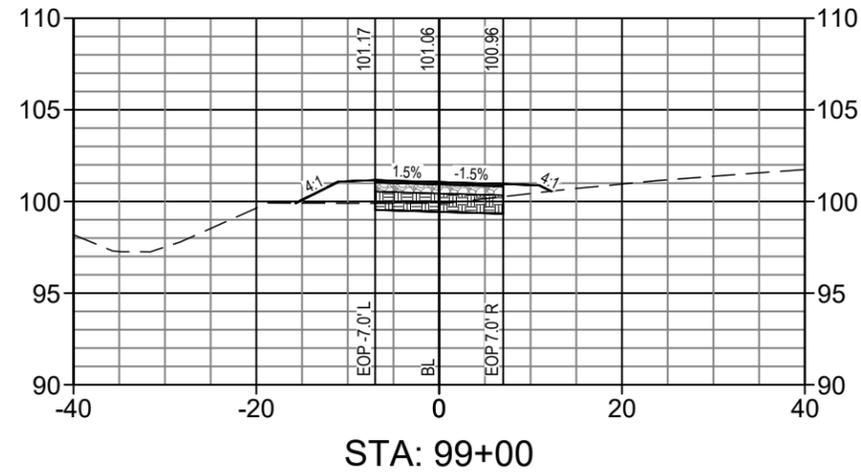
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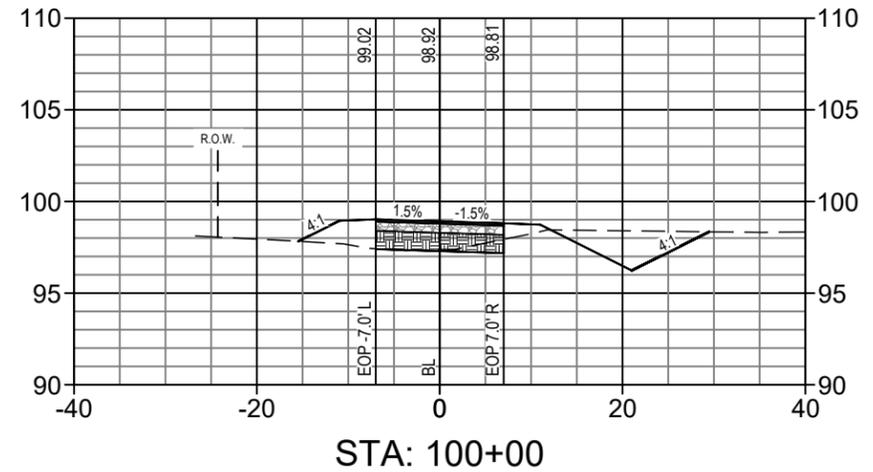
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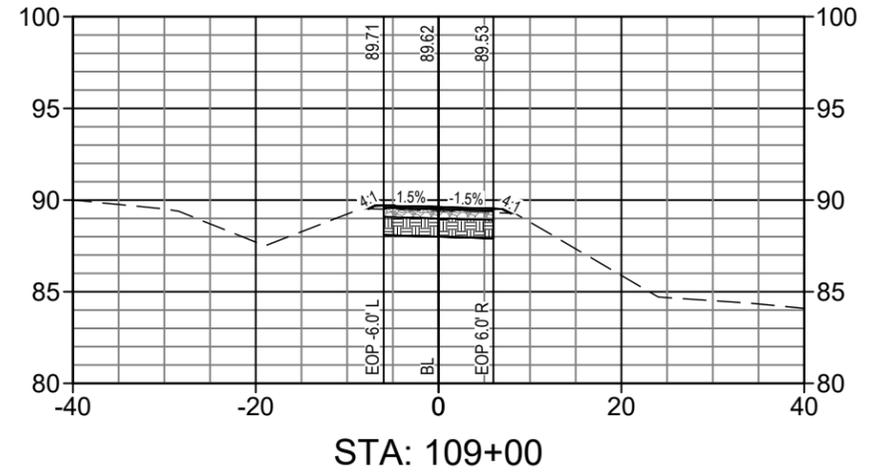
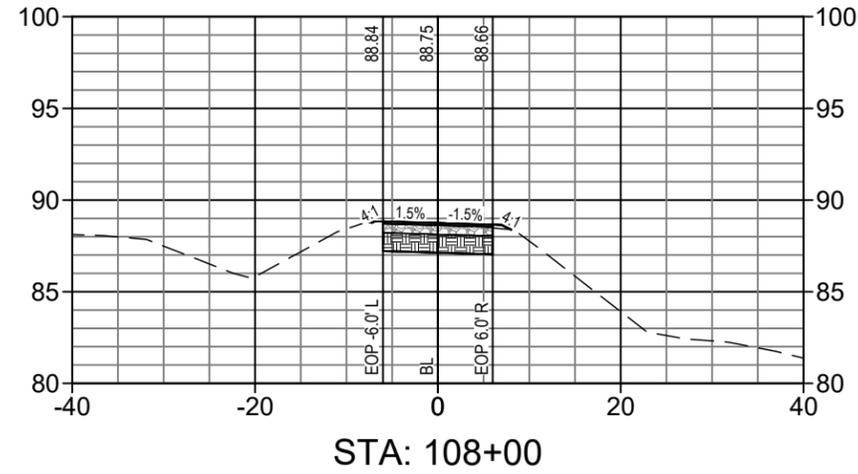
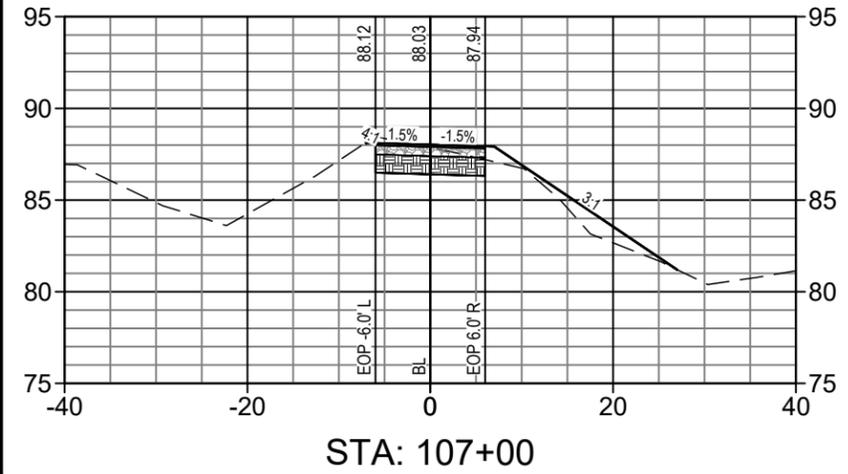
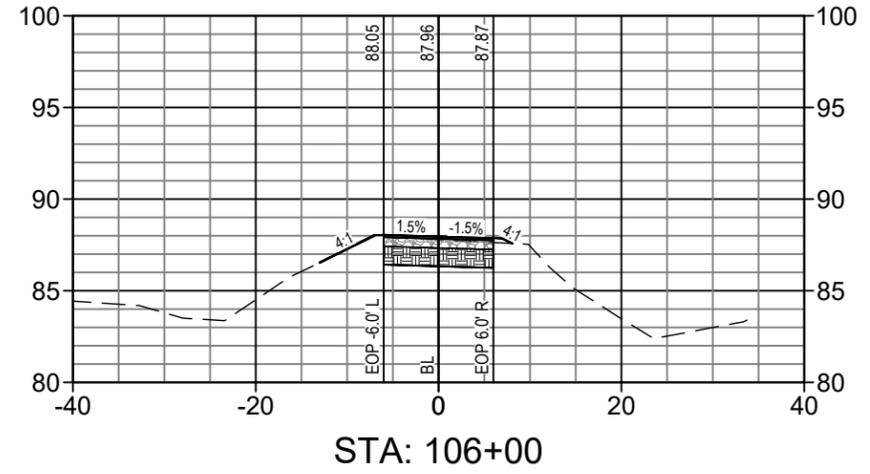
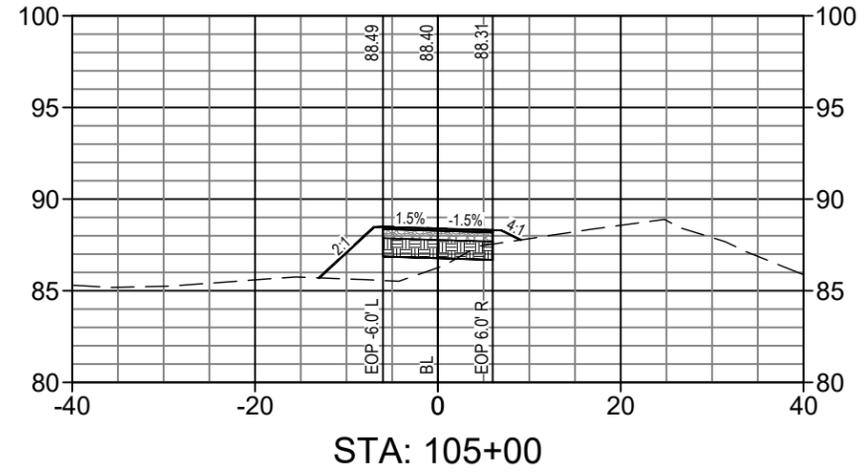
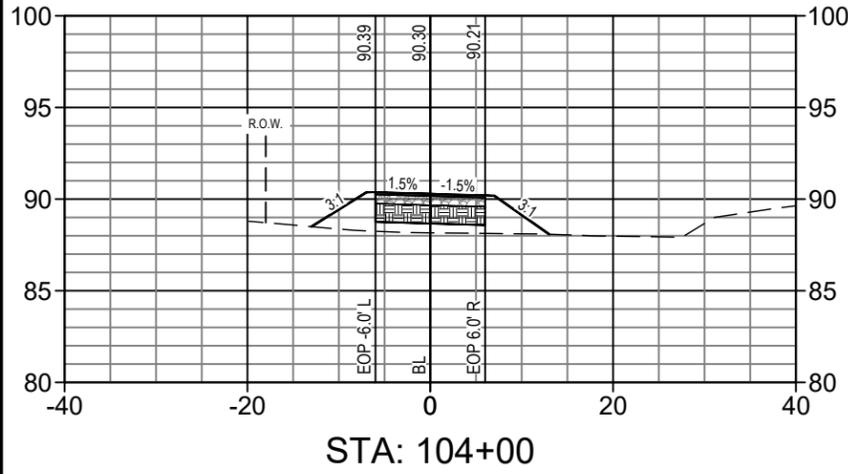
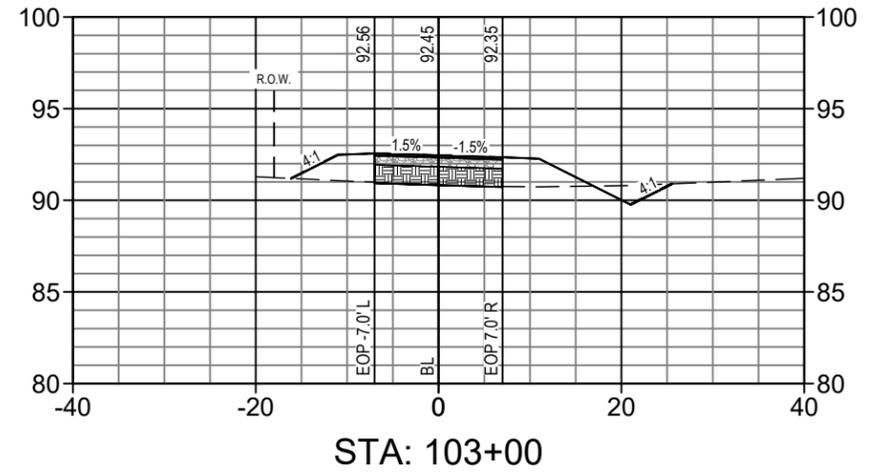
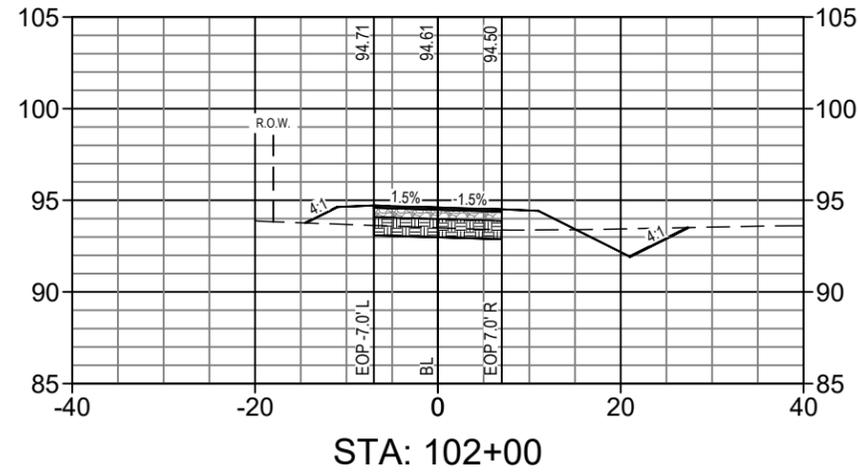
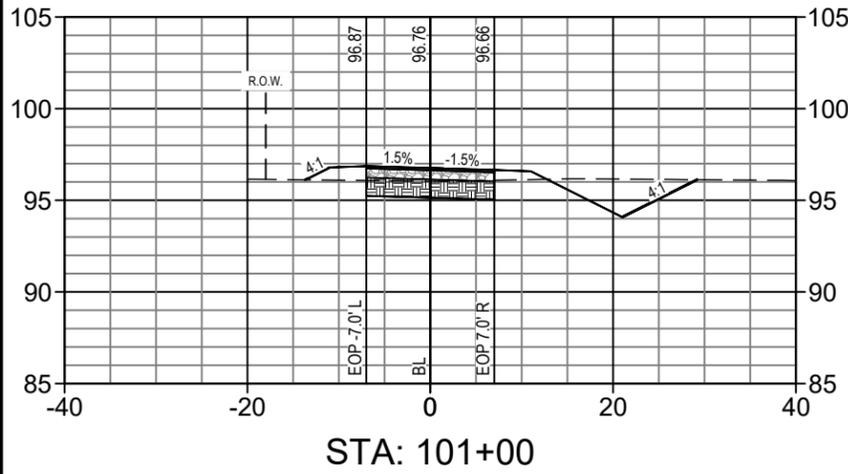
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SIGNATURE	DATE
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 6	T. - 18S
T. - 18S	R. - 27E
SURVEYED: N.A.	DATE: 07/07/24
FIELD BOOK: N.A.	PAGE: N.A.
DESIGNED: CSM	DATE: 08/07/24
DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS



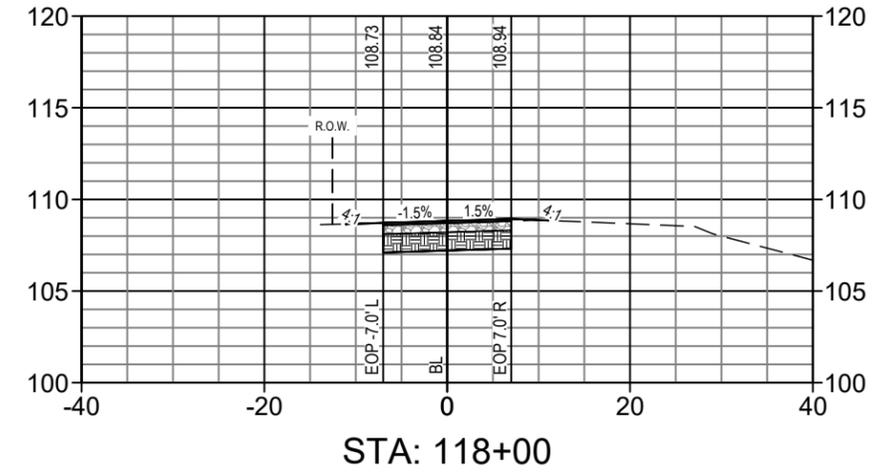
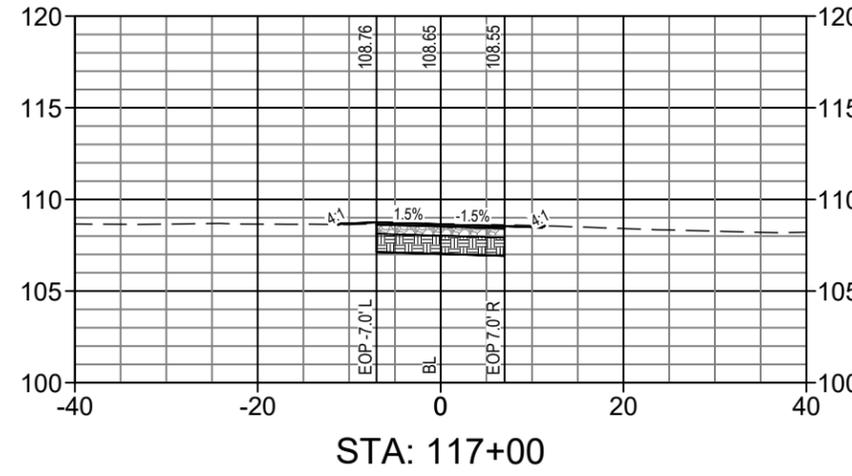
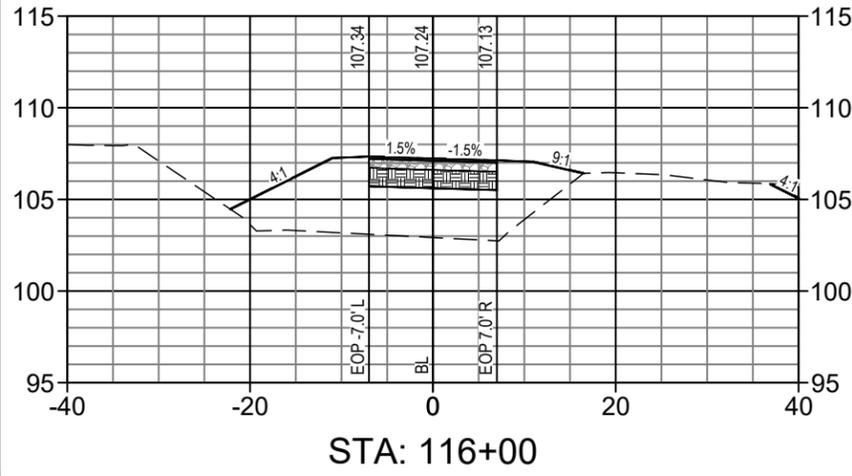
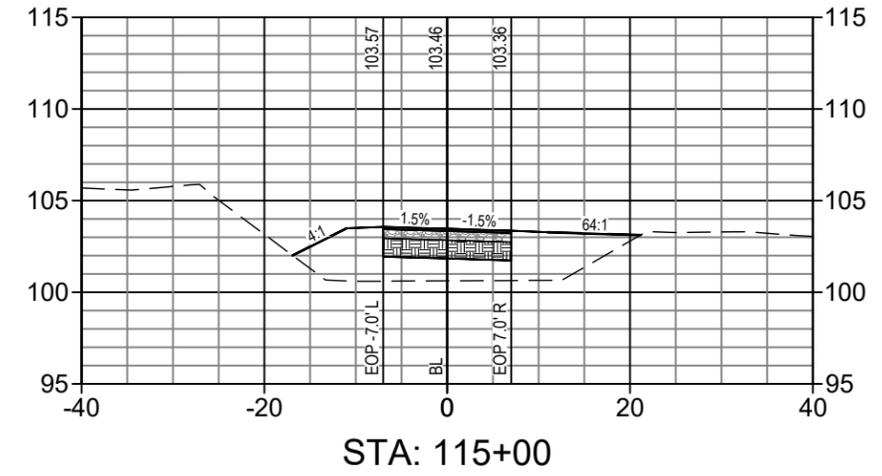
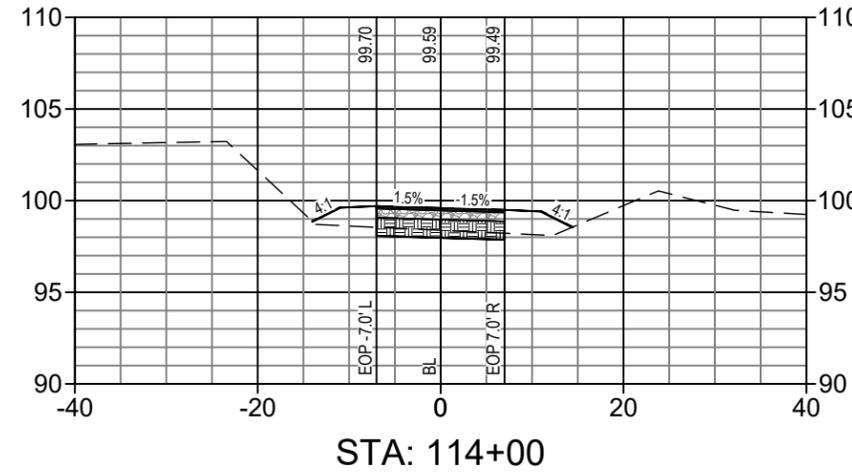
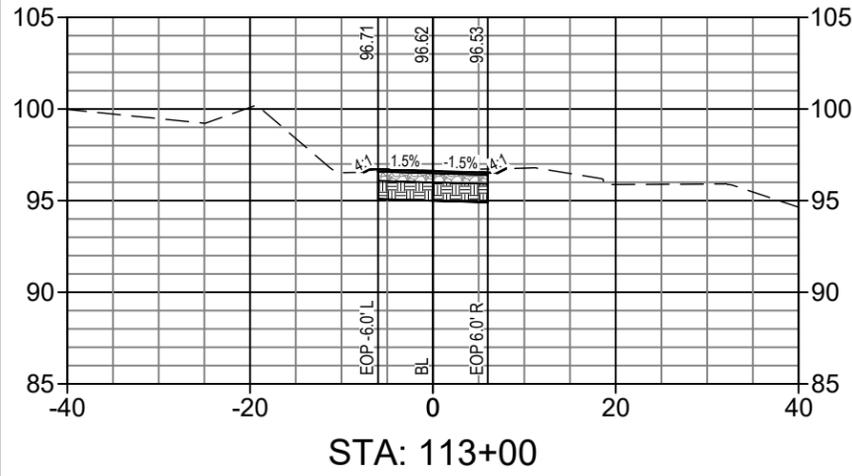
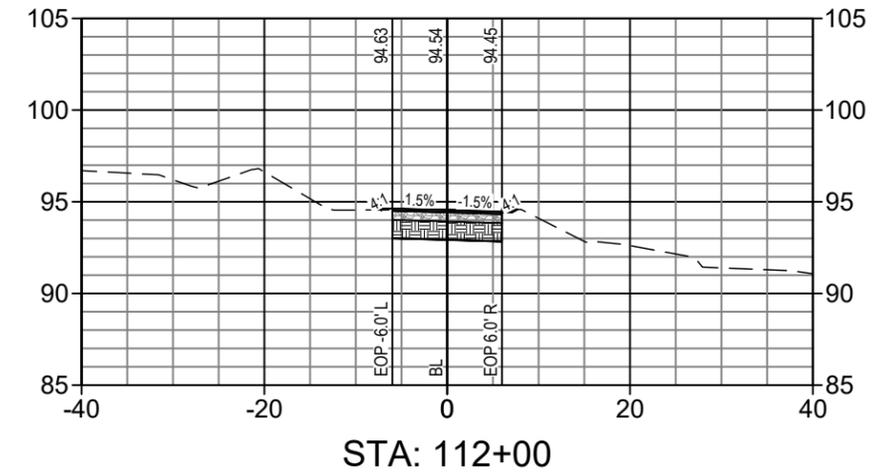
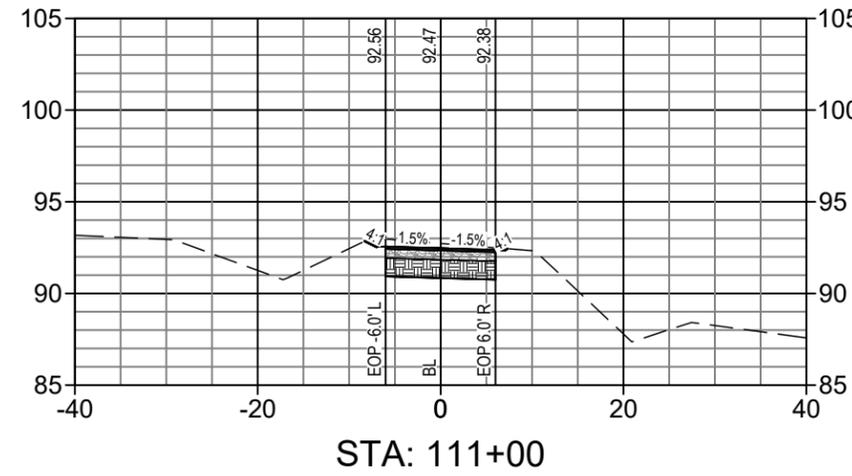
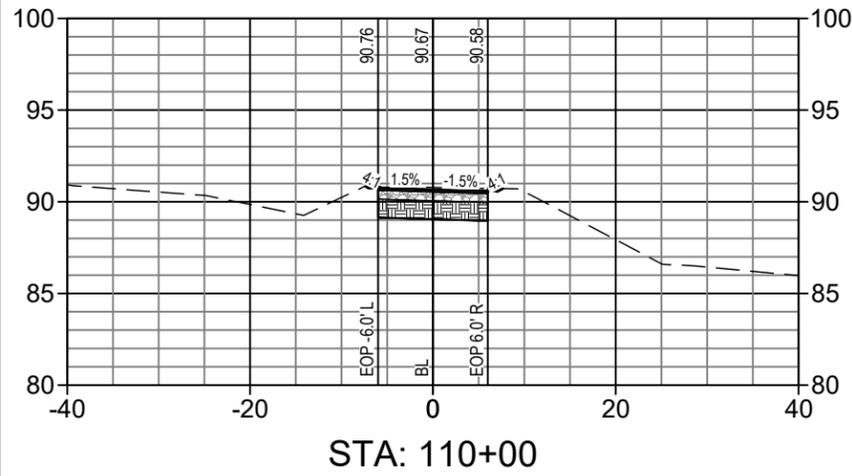
SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 6	T. - 18S
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DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

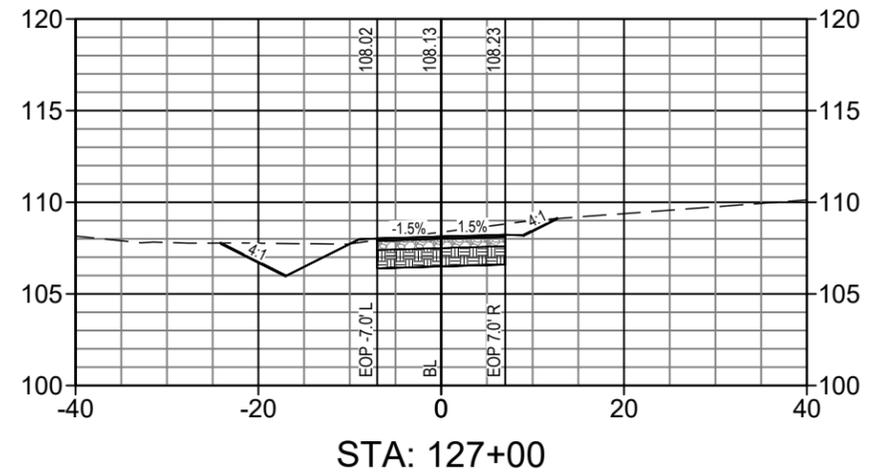
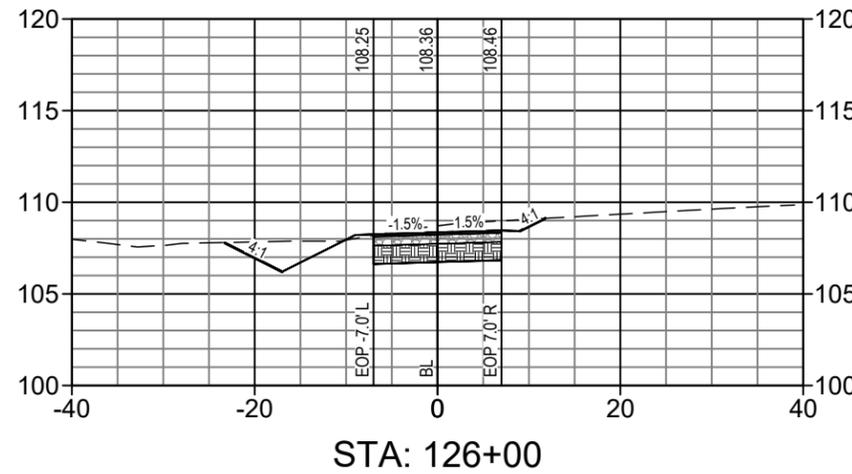
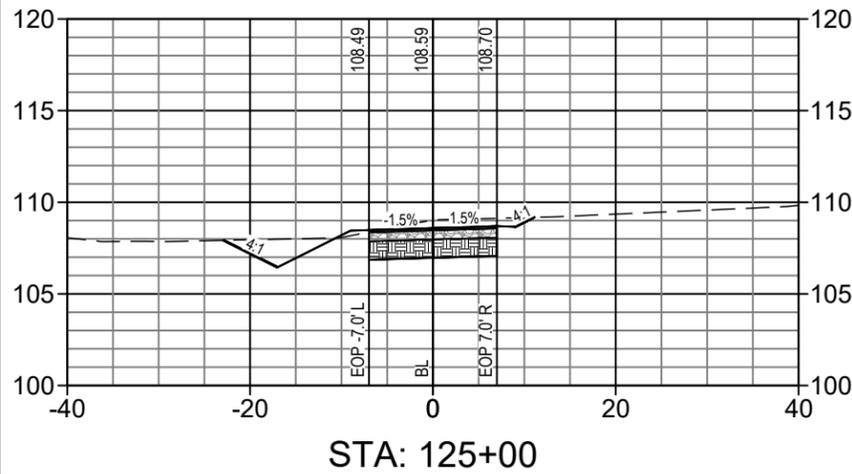
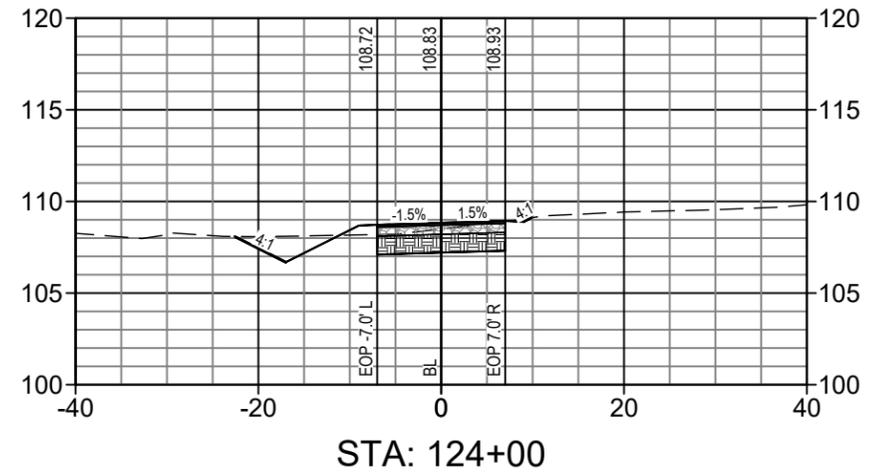
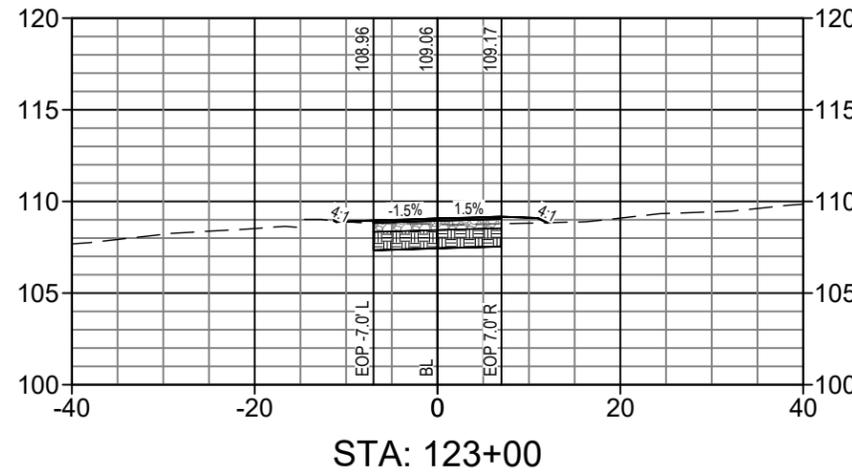
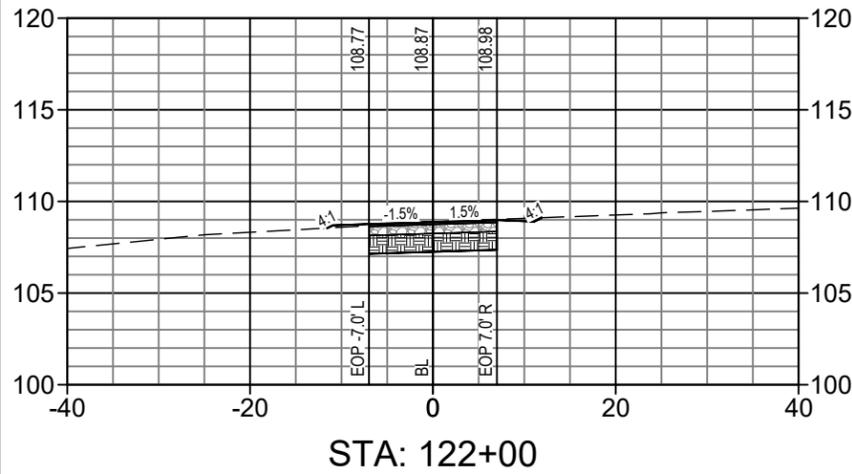
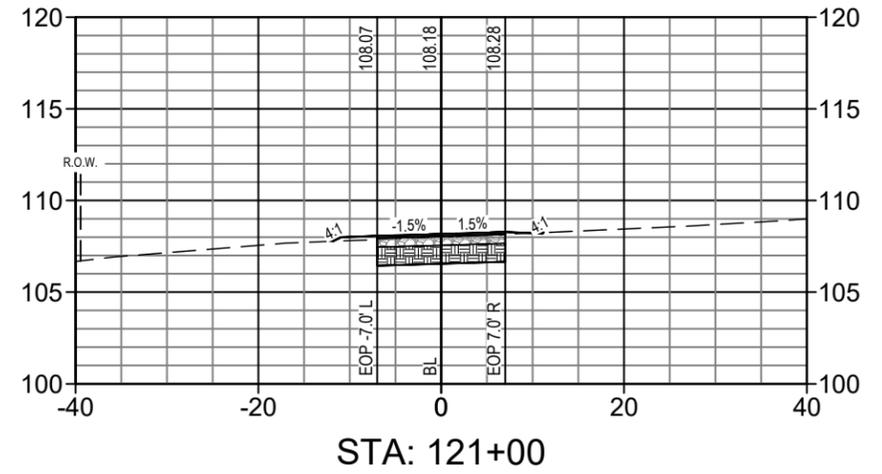
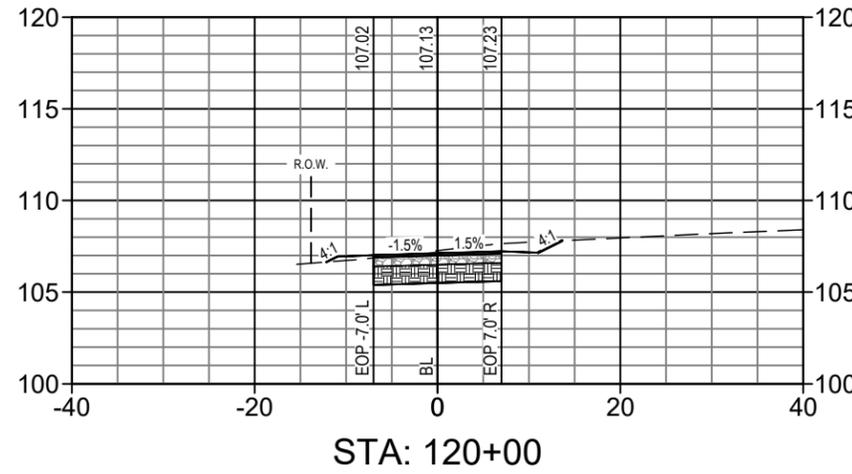
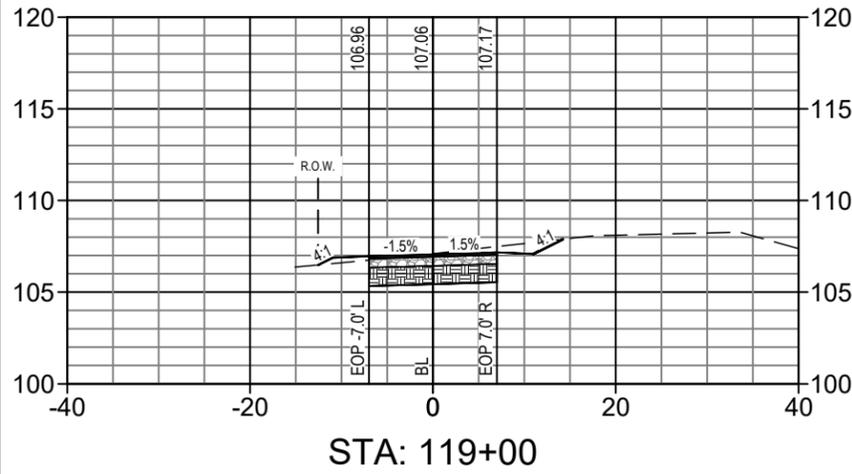


SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
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NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS



NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

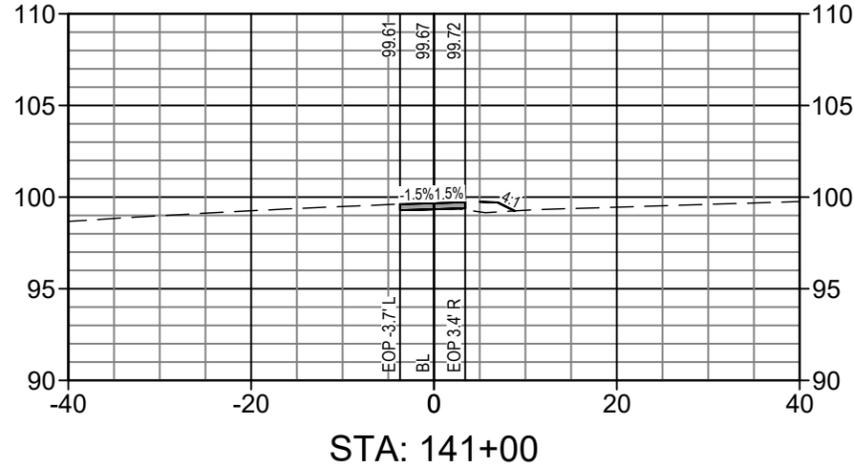
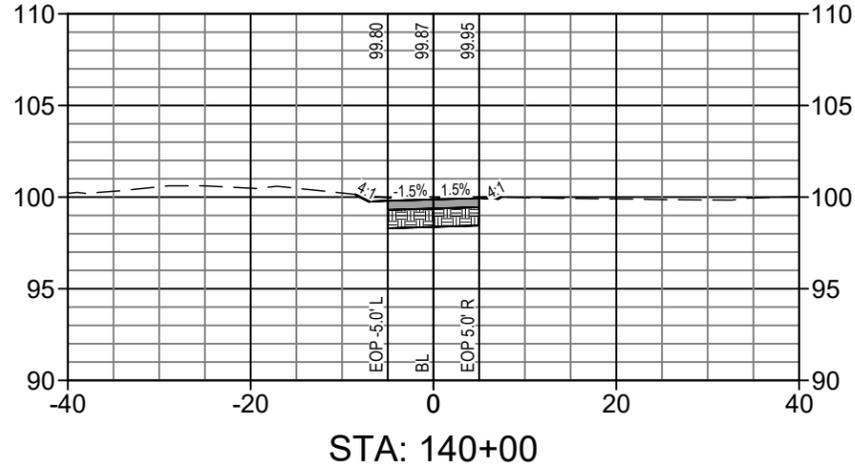
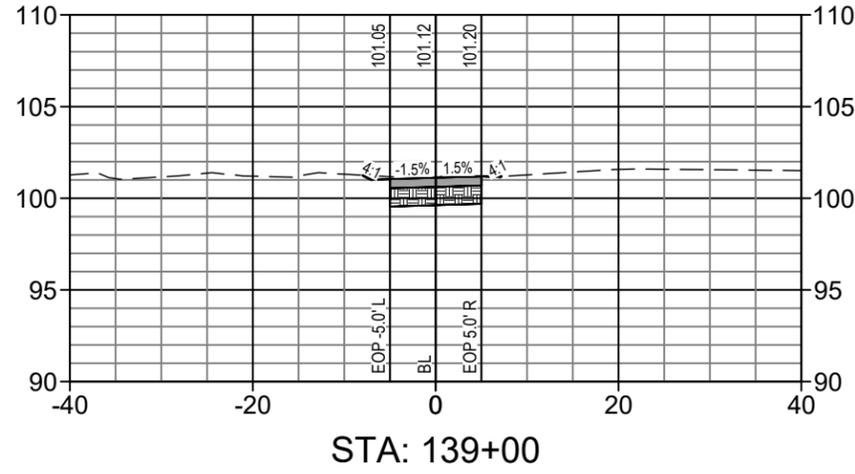
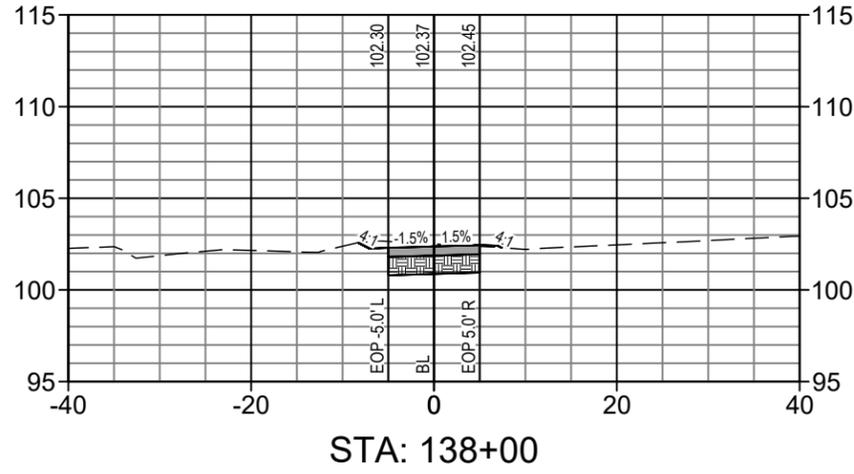
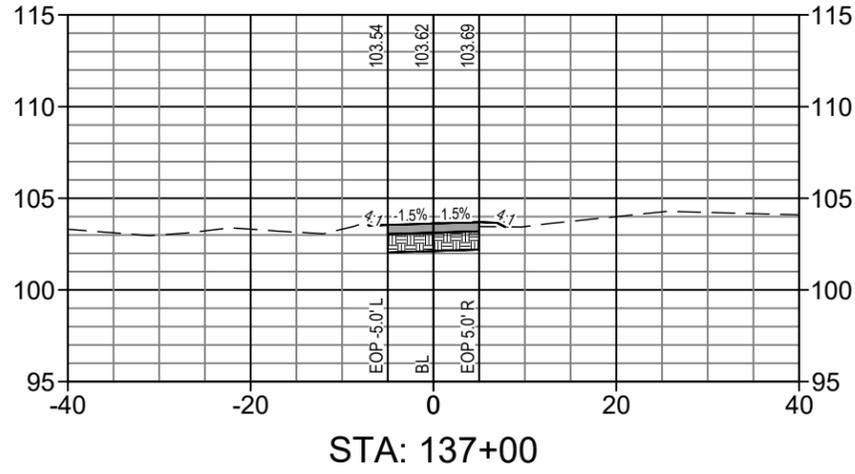
JOB NO.:
215811267
SHEET:
C-313

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

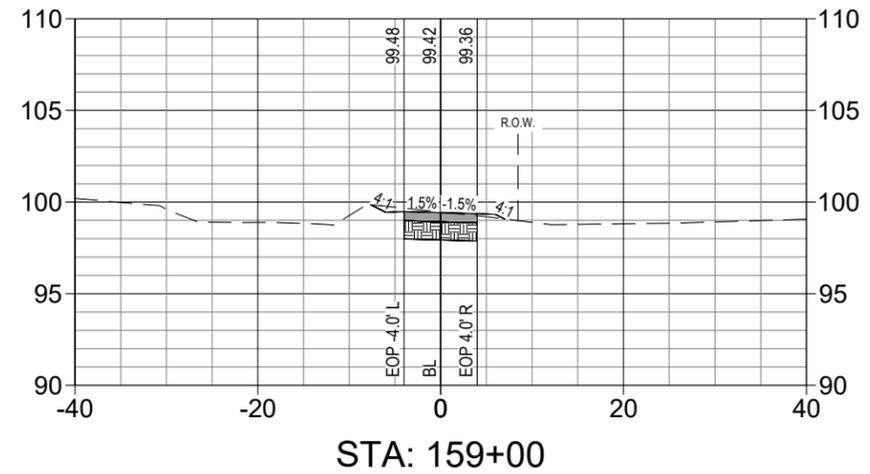
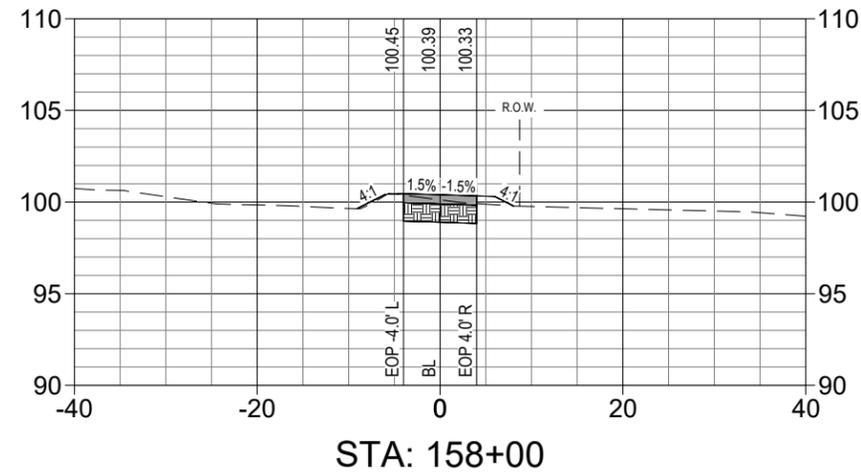
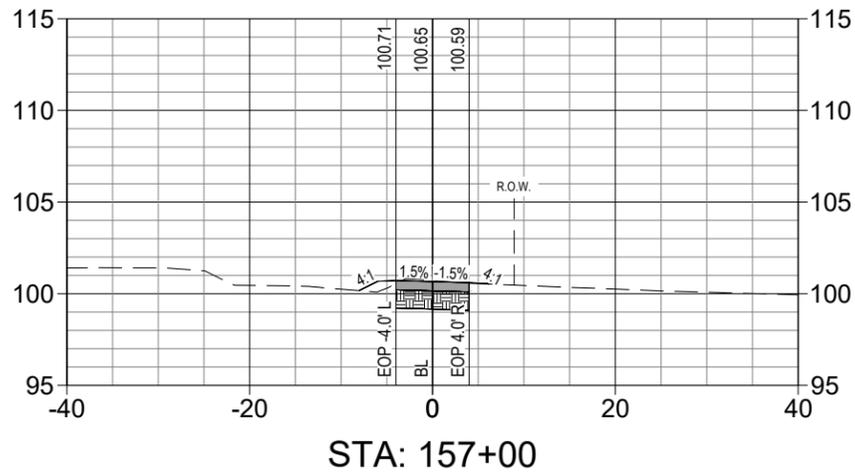
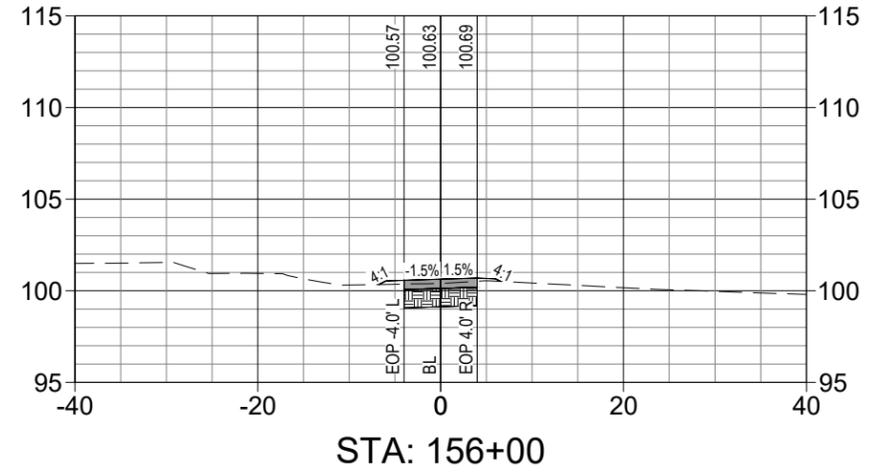
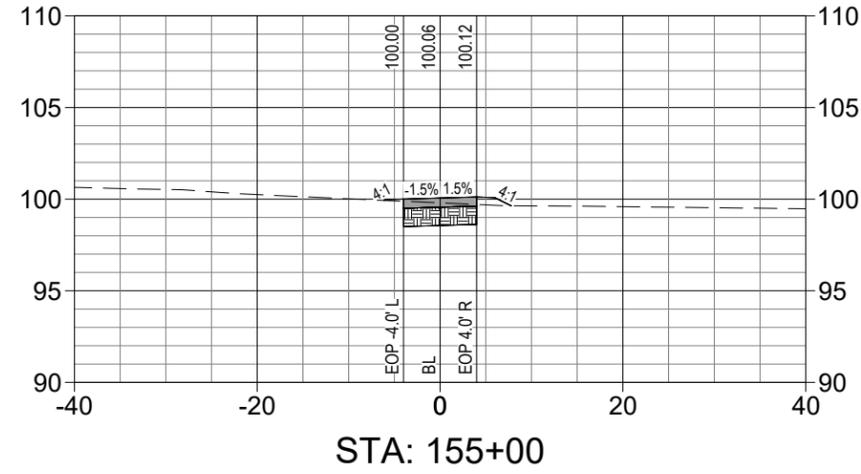
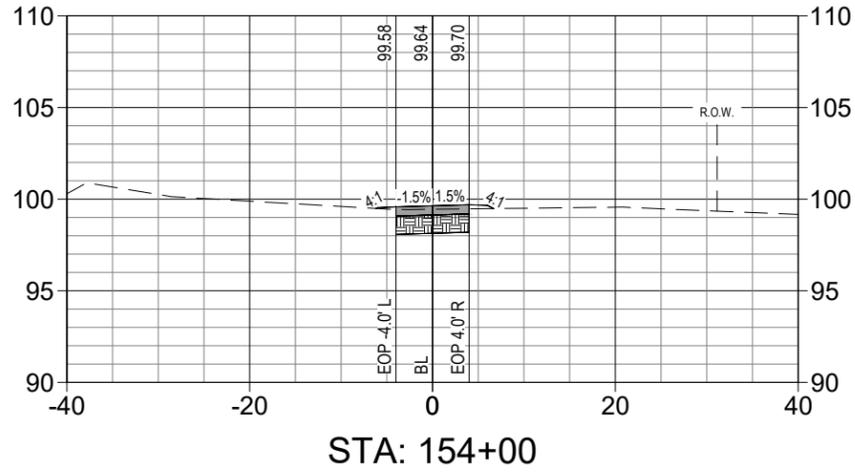
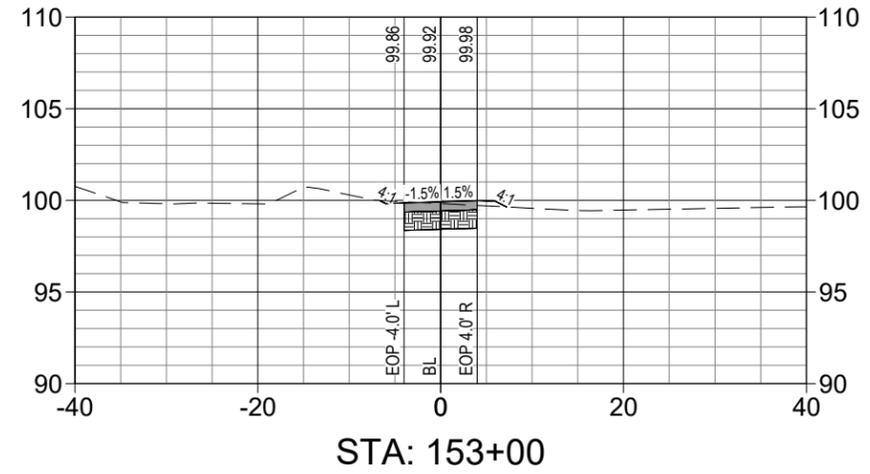
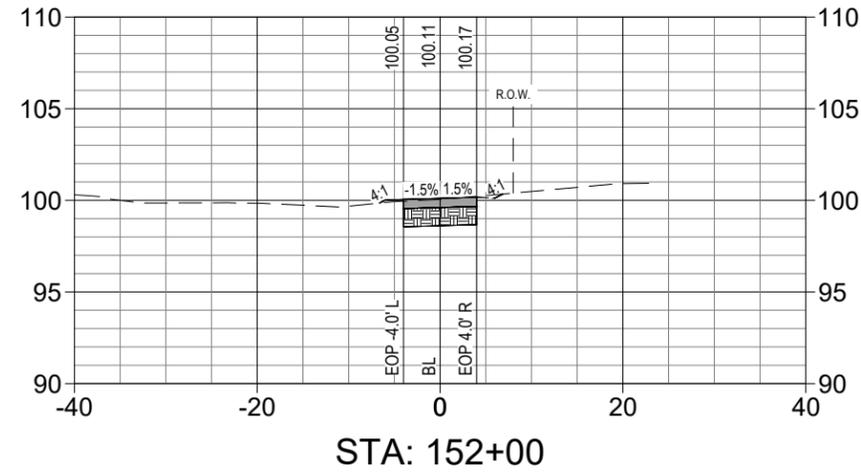
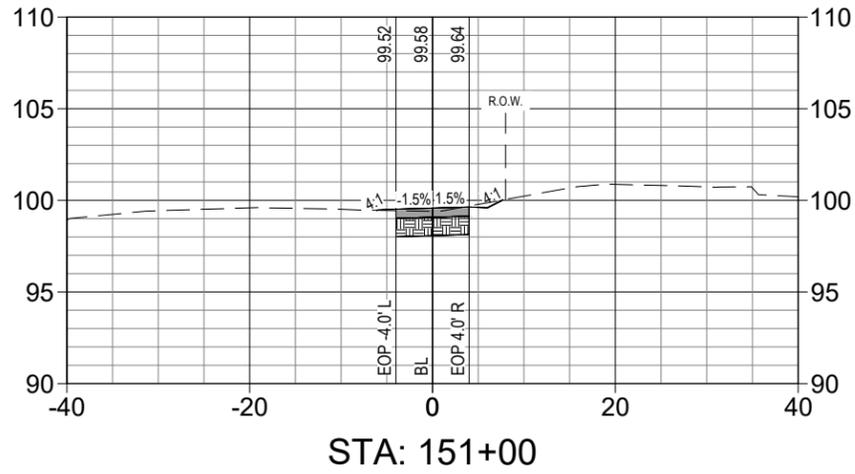
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 6	T. - 18S
T. - 18S	R. - 27E
SURVEYED: N.A.	DATE: 07/07/24
FIELD BOOK: N.A.	PAGE: N.A.
DESIGNED: CSM	DATE: 08/07/24
DRAWN: CDH	DATE: 04/01/24
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SIGNATURE
DATE



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE DATE
NORTH LAKE TRAIL SEGMENT III-A CROSS-SECTIONS		
S. - 6	T. - 18S	R. - 27E
SURVEYED: N.A.	DATE: 07/07/24	REVISION:
FIELD BOOK: N.A.	PAGE: N.A.	DATE:
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350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778		

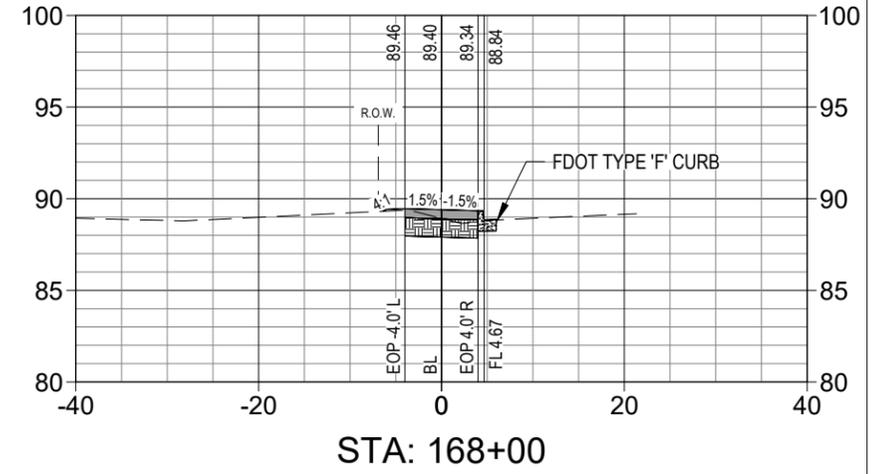
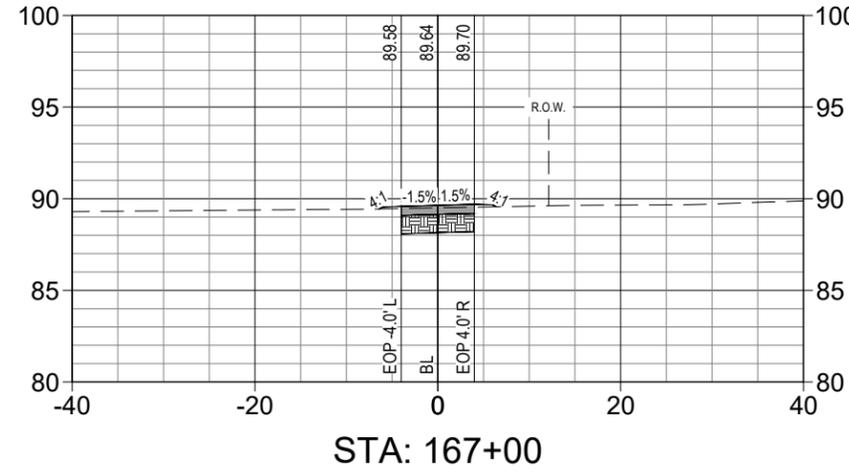
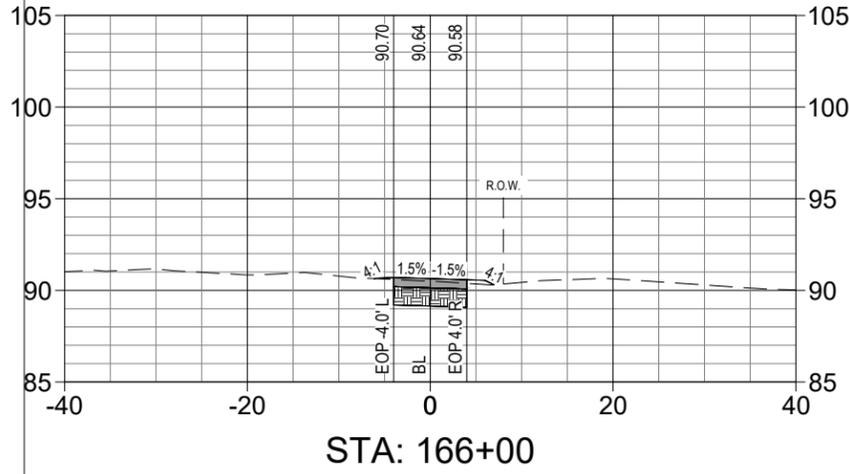
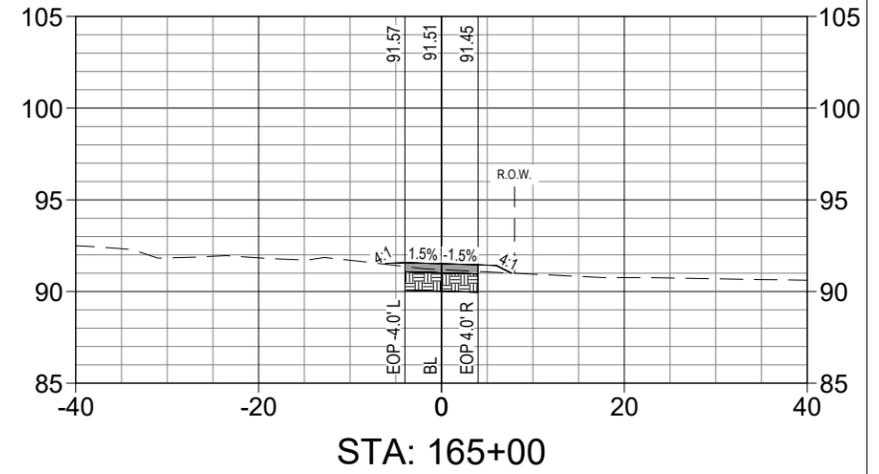
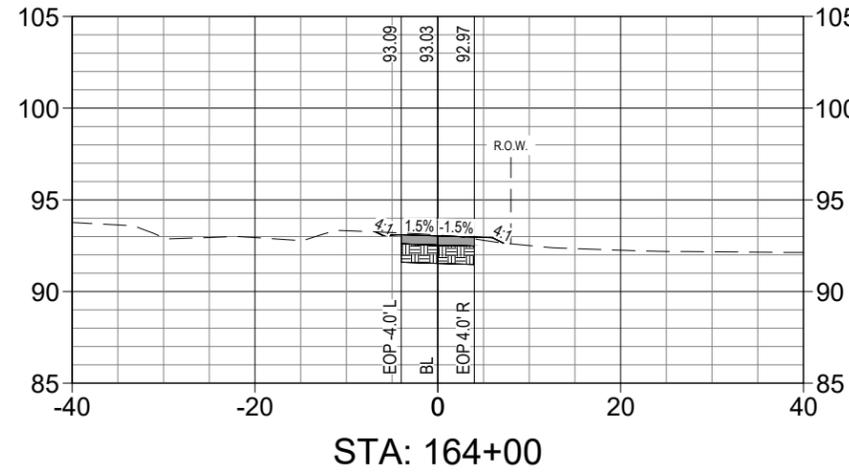
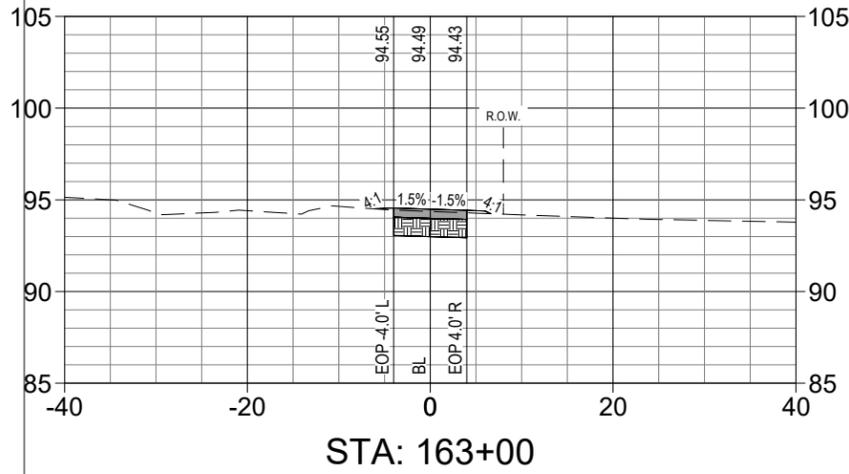
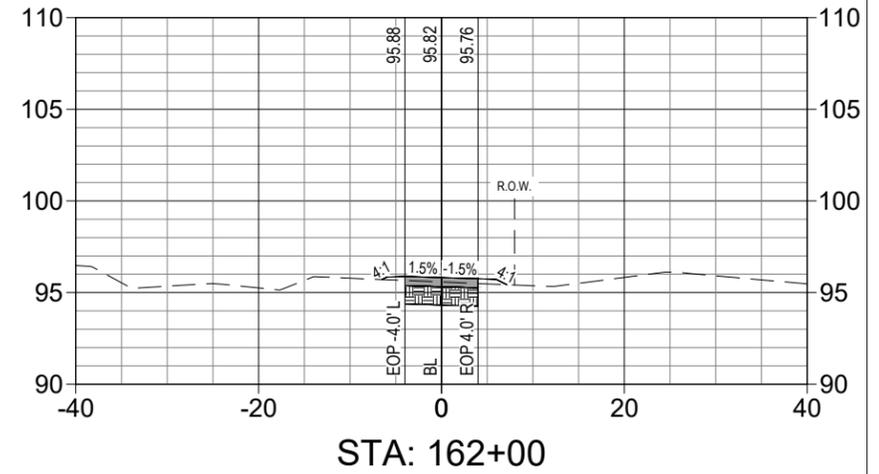
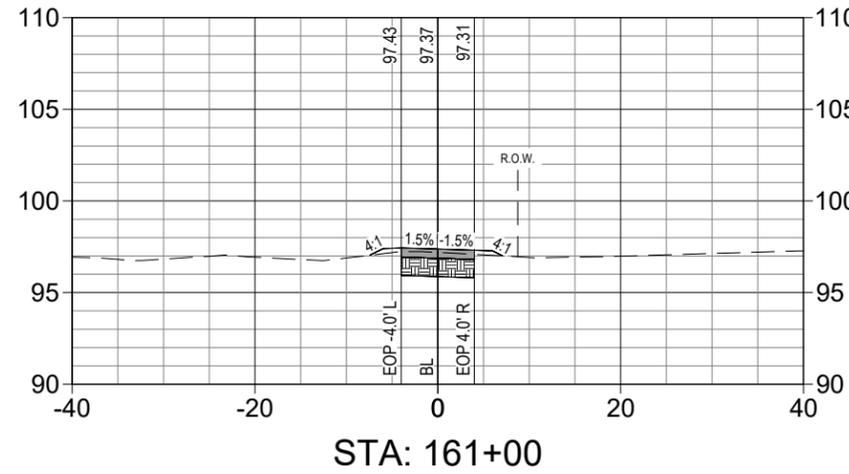
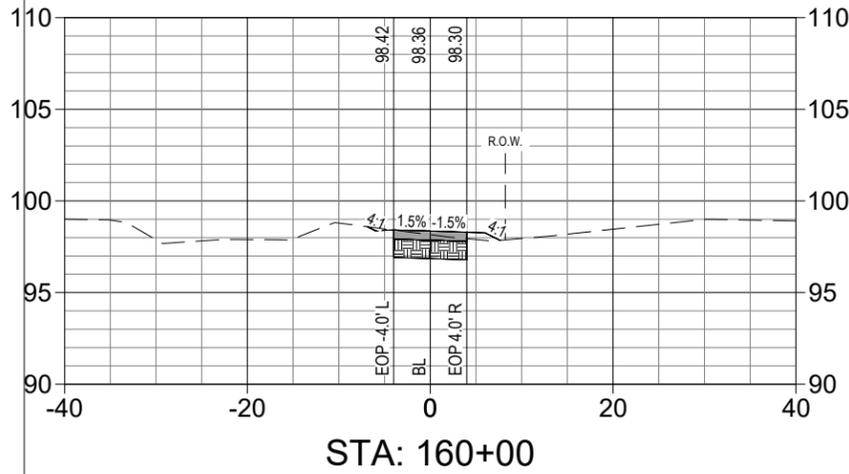


SIGNATURE	
DATE	

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAYLORS, FLORIDA 32778

REVISION:	DATE
S. - 6	T. - 18S
R. - 27E	
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FIELD BOOK: N.A.	PAGE: N.A.
DESIGNED: CSM	DATE: 08/07/24
DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS



SIGNATURE
DATE

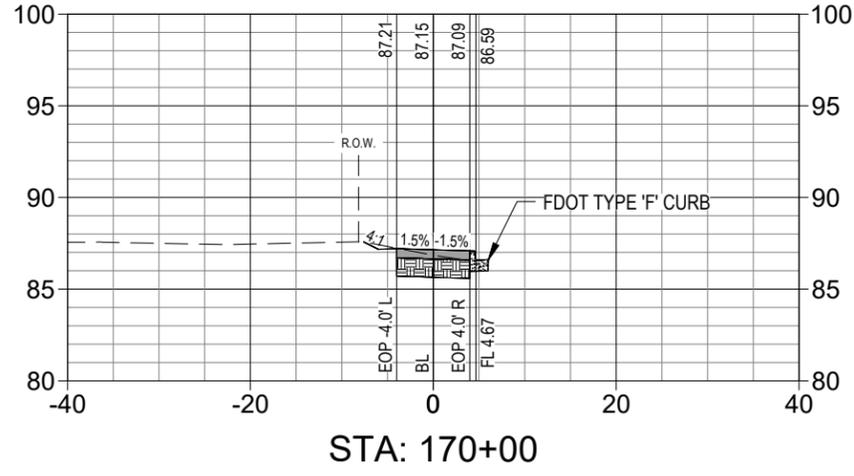
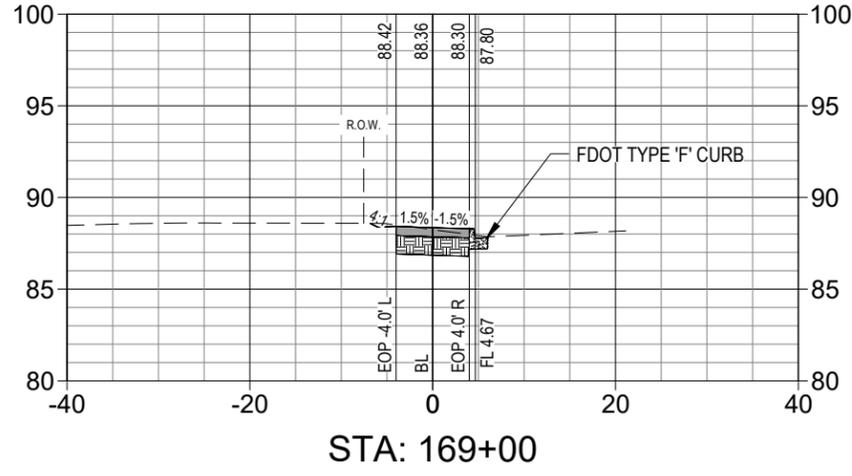
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAYLORS, FLORIDA 32778

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NORTH LAKE TRAIL
SEGMENT III - A
CROSS-SECTIONS

JOB NO.: 215811267
SHEET: C-317



JOB NO.:
215811267

SHEET:
C-318

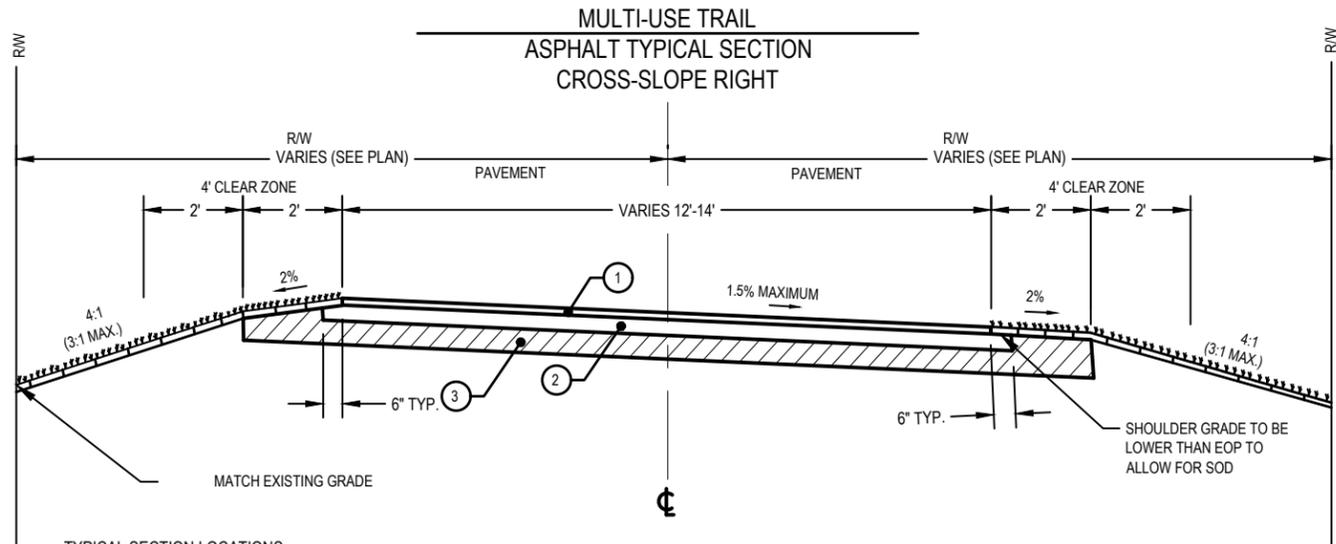
NORTH LAKE TRAIL
SEGMENT III-A
CROSS-SECTIONS

S. - 6	T. - 18S	R. - 27E	REVISION:	DATE
SURVEYED: N.A.	DATE: 07/07/21			
FIELD BOOK: N.A.	PAGE: N.A.			
DESIGNED: CSM	DATE: 08/07/24			
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

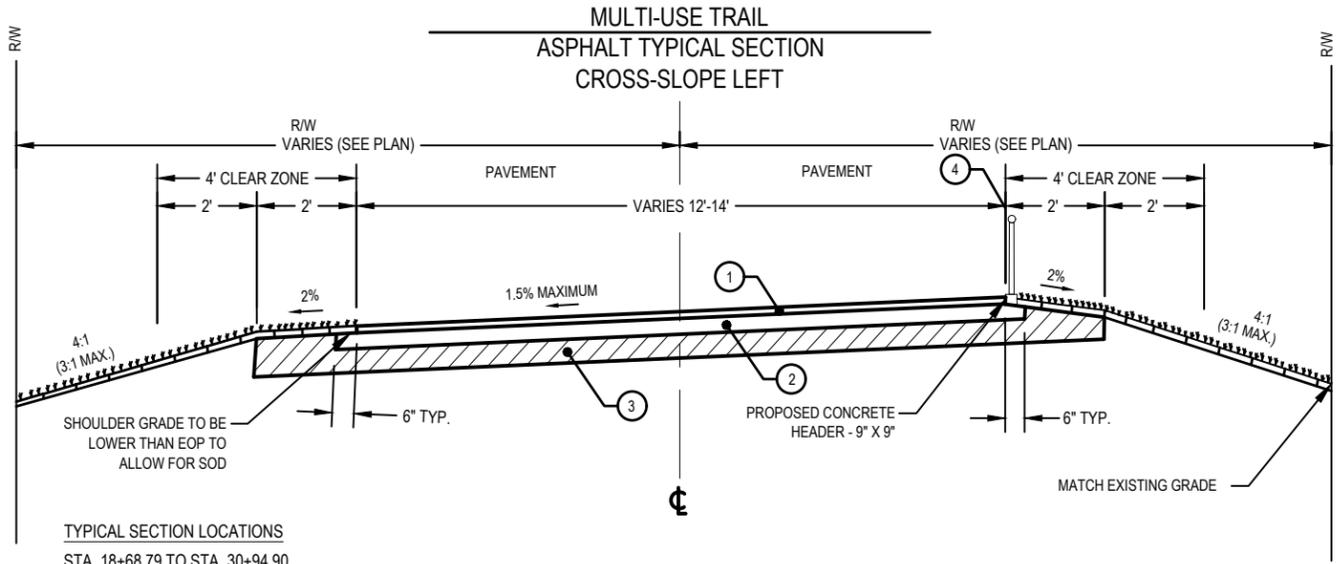
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350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778



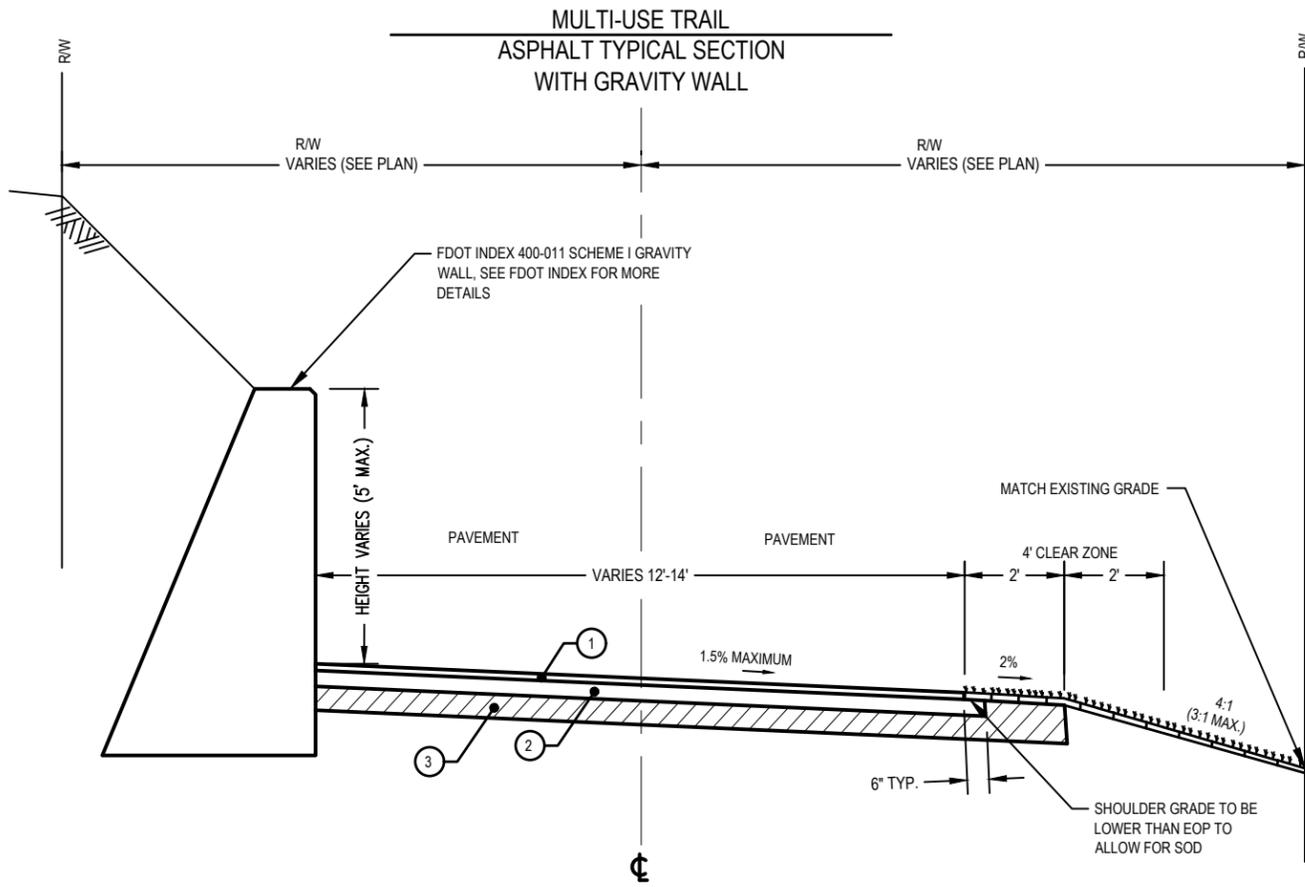
TYPICAL SECTION LOCATIONS

- STA. 47+26.64 TO STA. 58+50.97
- STA. 59+27.18 TO STA. 61+29.29
- STA. 62+48.03 TO STA. 68+52.14
- STA. 75+34.80 TO STA. 79+20.00
- STA. 85+65.83 TO STA. 88+64.37
- STA. 98+41.18 TO STA. 116+56.82
- STA. 117+12.08 TO STA. 117+95.23



TYPICAL SECTION LOCATIONS

- STA. 18+68.79 TO STA. 30+94.90
- STA. 32+03.00 TO STA. 47+26.64
- STA. 68+52.14 TO STA. 74+64.51
- STA. 88+64.37 TO STA. 97+82.23
- STA. 117+95.23 TO STA. 121+26.65
- STA. 123+49.16 TO STA. 131+90.14



TYPICAL SECTION LOCATIONS

- STA. 79+20.00 TO STA. 81+62.50
- STA. 82+38.00 TO STA. 85+65.83

SCALE: N.T.S.

KEY	THICKNESS	SPECIFICATIONS
1	1.5"	STRUCTURAL ASPHALT, S.P. 9.5
2	6"	LIMEROCK- 98% COMPACTION, AASHTO T-180, PRIME & SAND
3	12"	TYPE B STABILIZATION, LBR 40, 98% COMPACTION, A.A.S.H.T.O. T-180.
4		9" X 9" CONCRETE HEADER AND STANDARD PIPE GUIDERAIL PER FDOT INDEX 515-070 (STA. 42+50.00 TO STA. 46+50.00, RT.) AND (STA. 106+00.00 TO STA. 109+00.00, RT.)

NOTE:

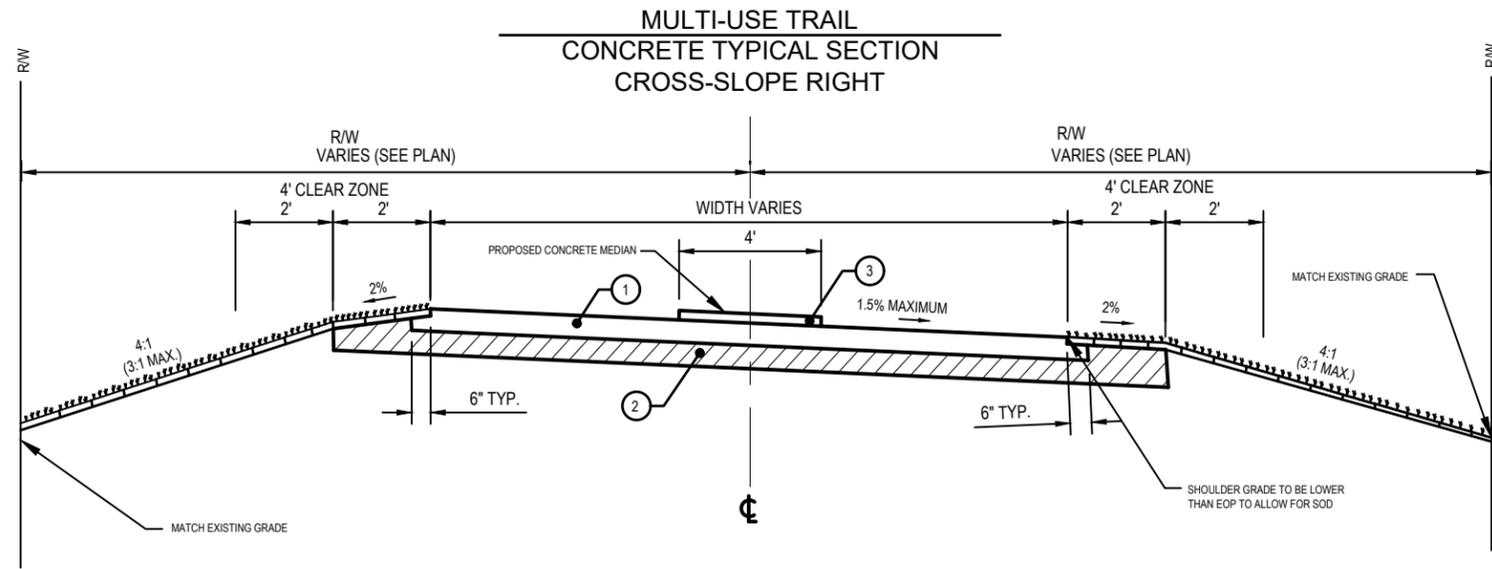
1. ALL STRIPES TO BE PAINT U.N.O.
2. SOD ALL DISTURBED AREAS.
3. DESIGN SPEED IS 20 MPH.
4. CONTRACTOR SHALL USE A MINIMUM TRANSITION SLOPE OF 1:100 WHEN ROTATING CROSS SLOPE.

SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

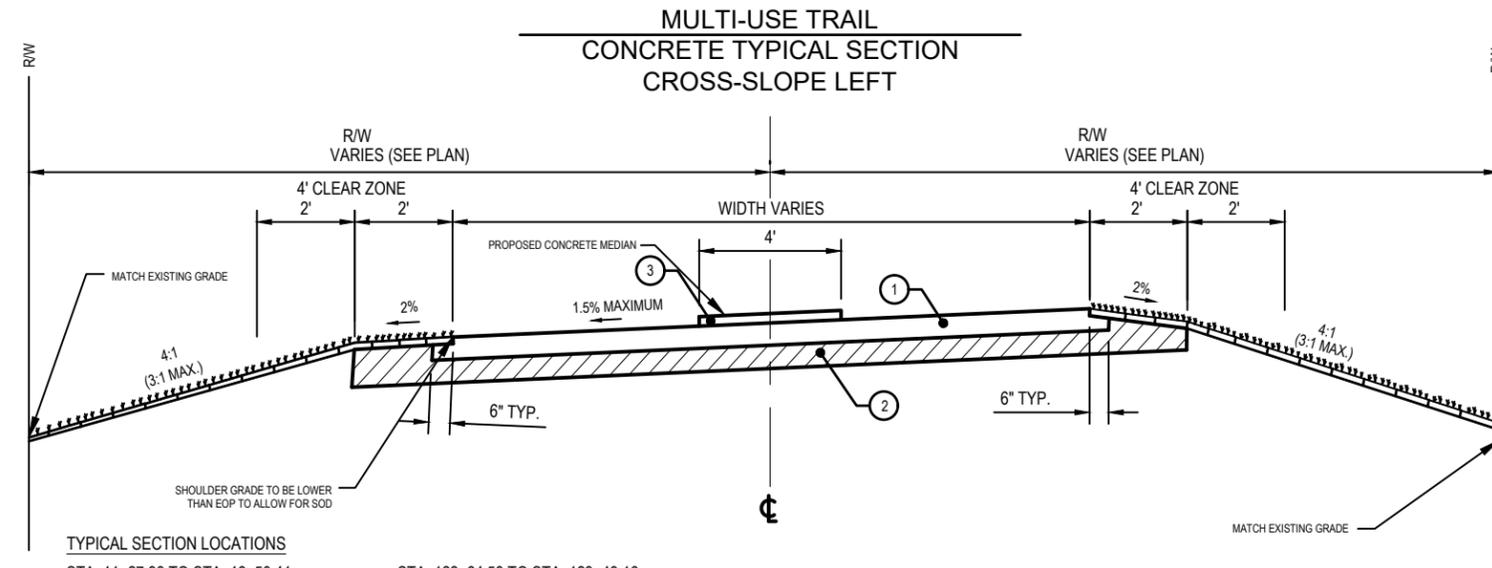
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NORTH LAKE TRAIL
SEGMENT III - A
ASPHALT TRAIL TYPICAL SECTION
JOB NO.: 215811267
SHEET: C-501



TYPICAL SECTION LOCATIONS

STA. 58+50.97 TO STA. 58+69.29	STA. 82+20.52 TO STA. 82+37.97
STA. 59+09.06 TO STA. 59+27.18	STA. 97+65.85 TO STA. 97+82.23
STA. 61+29.29 TO STA. 61+46.00	STA. 98+23.41 TO STA. 98+41.18
STA. 61+74.72 TO STA. 62+07.43	STA. 116+56.82 TO STA. 116+74.52
STA. 62+32.89 TO STA. 62+48.03	STA. 116+95.23 TO STA. 117+12.08
STA. 75+22.17 TO STA. 75+34.80	STA. 150+03.01 TO STA. 150+40.75
STA. 81+62.54 TO STA. 81+78.34	STA. 150+73.10 TO STA. 170+30.26



TYPICAL SECTION LOCATIONS

STA. 11+27.98 TO STA. 16+50.41	STA. 122+64.58 TO STA. 123+49.16
STA. 16+95.80 TO STA. 17+73.26	STA. 131+90.14 TO STA. 141+09.70
STA. 18+05.38 TO STA. 18+68.79	
STA. 30+94.90 TO STA. 31+10.00	
STA. 31+87.00 TO STA. 32+03.00	
STA. 74+64.51 TO STA. 74+78.40	
STA. 121+26.65 TO STA. 122+20.24	

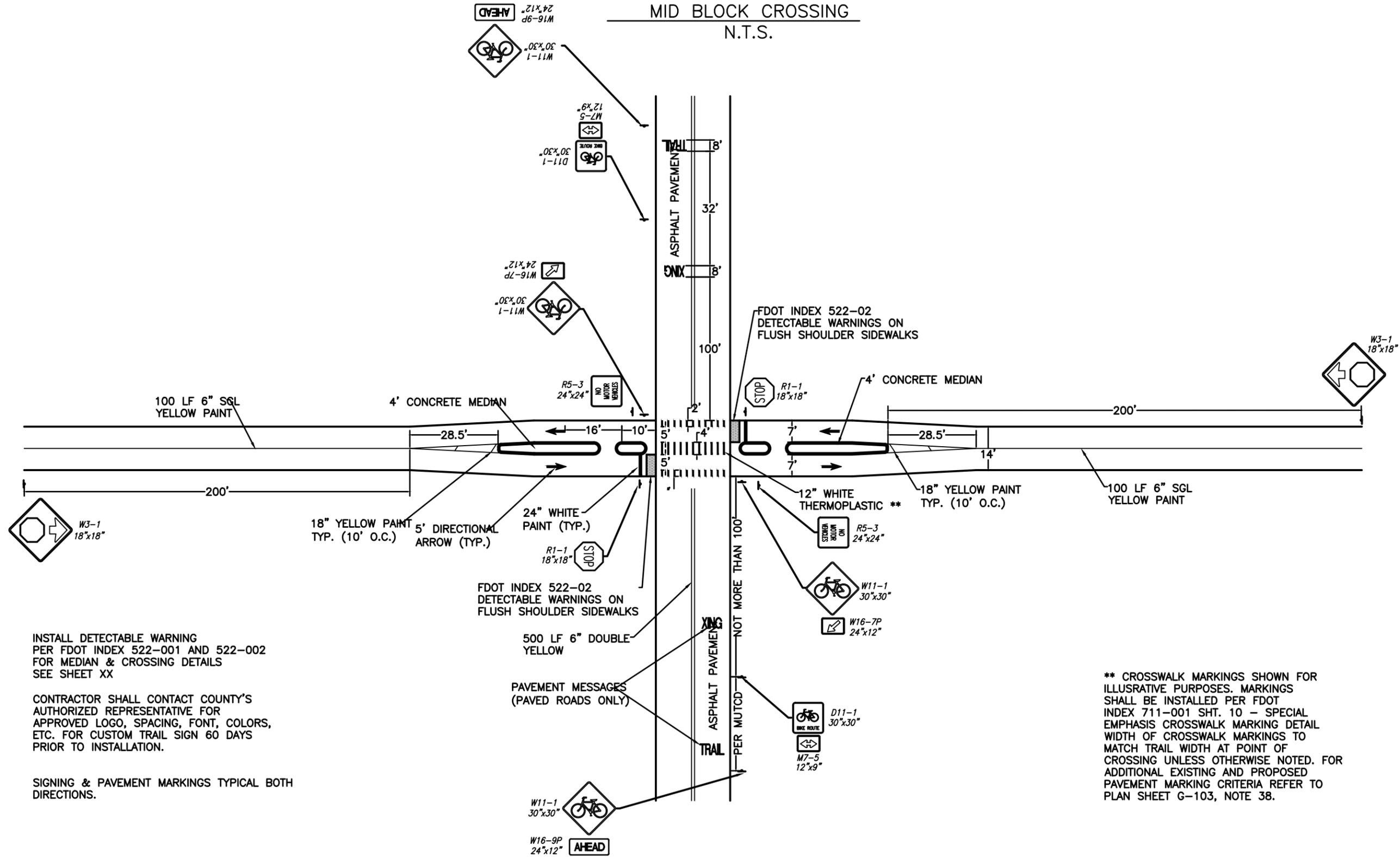
KEY	THICKNESS	SPECIFICATIONS
1	6"	3000 PSI CONCRETE WITH FIBER REINFORCEMENT
2	12"	TYPE B STABILIZATION, LBR 40, 98% COMPACTION, A.A.S.H.T.O. T-180.
3	6"	3000 PSI BRICK RED COLORED CONCRETE WITH FIBER REINFORCEMENT STAMPED.
		MODIFIED D-CURB 3" HEIGHT. AT MAJOR STREET CROSSINGS AS REQUIRED BY LAKE COUNTY.

- NOTE:**
- ALL STRIPES TO BE PAINT U.N.O.
 - SOD ALL DISTURBED AREAS.
 - DESIGN SPEED IS 20 MPH.
 - CONTRACTOR SHALL USE A MINIMUM TRANSITION SLOPE OF 1:100 WHEN ROTATING CROSS SLOPE.
 - REINFORCE CONCRETE WHEN WIDTH IS GREATER THAN 7', 10-10 x 6"x6" MESH

SCALE: N.T.S.

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE	DATE
NORTH LAKE TRAIL SEGMENT III-A CONCRETE TRAIL TYPICAL SECTION		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	
S. - 6	T. - 18S	R. - 27E	DATE
SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.	DATE: 07/07/24
FIELD BOOK: N.A.	PAGE: N.A.	DESIGNED: CSM	DATE: 08/07/24
DRAWN: CDH	DATE: 04/01/24	APPROVED: AIM	DATE: 08/09/24
JOB NO.: 215811267		SHEET: C-502	

CASE I MID BLOCK CROSSING N.T.S.



INSTALL DETECTABLE WARNING PER FDOT INDEX 522-001 AND 522-002 FOR MEDIAN & CROSSING DETAILS SEE SHEET XX

CONTRACTOR SHALL CONTACT COUNTY'S AUTHORIZED REPRESENTATIVE FOR APPROVED LOGO, SPACING, FONT, COLORS, ETC. FOR CUSTOM TRAIL SIGN 60 DAYS PRIOR TO INSTALLATION.

SIGNING & PAVEMENT MARKINGS TYPICAL BOTH DIRECTIONS.

FDOT INDEX 522-02
DETECTABLE WARNINGS ON
FLUSH SHOULDER SIDEWALKS

500 LF 6" DOUBLE
YELLOW

PAVEMENT MESSAGES
(PAVED ROADS ONLY)

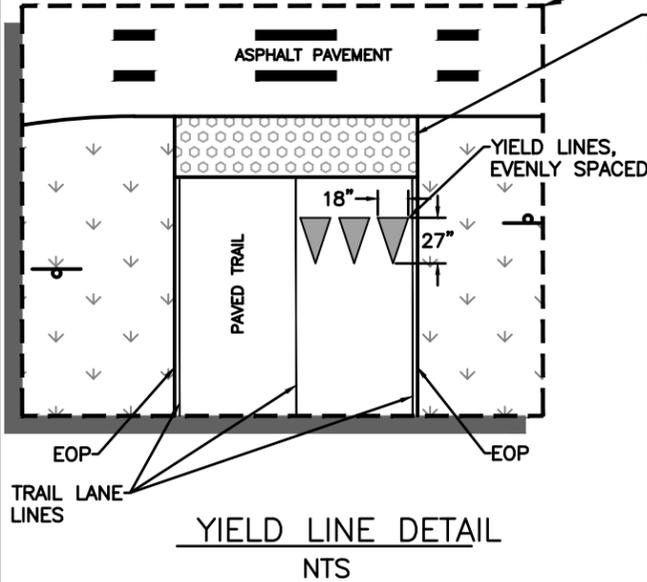
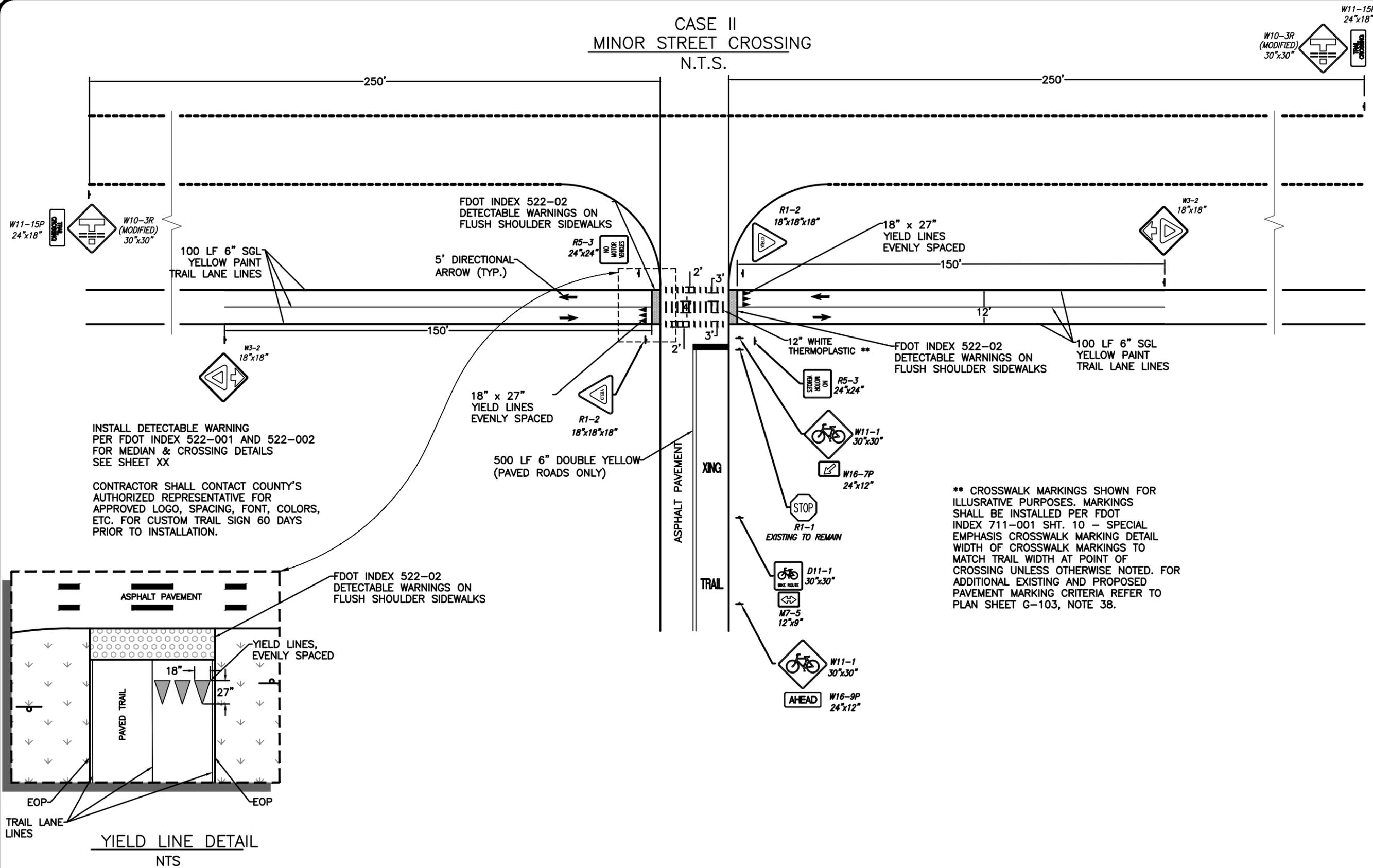
ASPHALT PAVEMENT
TRAIL
PER MUTCD
NOT MORE THAN 100'

FDOT INDEX 522-02
DETECTABLE WARNINGS ON
FLUSH SHOULDER SIDEWALKS

** CROSSWALK MARKINGS SHOWN FOR ILLUSTRATIVE PURPOSES. MARKINGS SHALL BE INSTALLED PER FDOT INDEX 711-001 SHT. 10 - SPECIAL EMPHASIS CROSSWALK MARKING DETAIL WIDTH OF CROSSWALK MARKINGS TO MATCH TRAIL WIDTH AT POINT OF CROSSING UNLESS OTHERWISE NOTED. FOR ADDITIONAL EXISTING AND PROPOSED PAVEMENT MARKING CRITERIA REFER TO PLAN SHEET G-103, NOTE 38.

DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE		DATE	
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778					
S. - 6	T. - 18S	R. - 27E	REVISION:	DATE	
SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.			
FIELD BOOK: N.A.	DATE: 08/07/24	CDH			
DESIGNED: CSM	DATE: 04/01/24	AIM			
DRAWN:	DATE: 08/09/24				
APPROVED:					
NORTH LAKE TRAIL SEGMENT III - A MID BLOCK CROSSING DETAIL					
JOB NO.: 215811267					
SHEET: C-503					

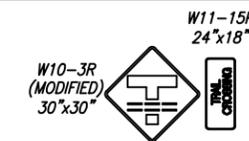
CASE II
MINOR STREET CROSSING
N.T.S.



INSTALL DETECTABLE WARNING PER FDOT INDEX 522-001 AND 522-002 FOR MEDIAN & CROSSING DETAILS SEE SHEET XX

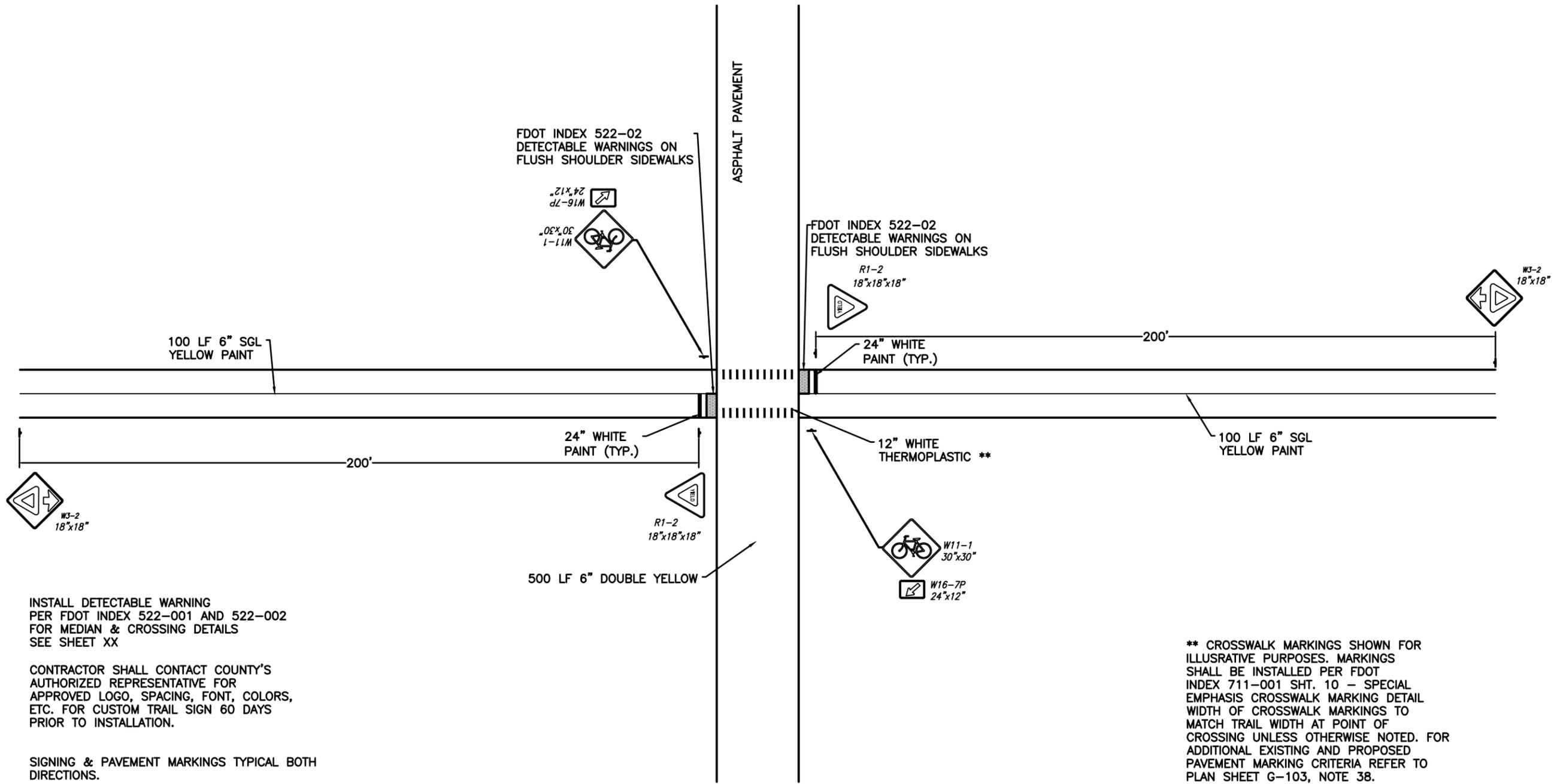
CONTRACTOR SHALL CONTACT COUNTY'S AUTHORIZED REPRESENTATIVE FOR APPROVED LOGO, SPACING, FONT, COLORS, ETC. FOR CUSTOM TRAIL SIGN 60 DAYS PRIOR TO INSTALLATION.

** CROSSWALK MARKINGS SHOWN FOR ILLUSTRATIVE PURPOSES. MARKINGS SHALL BE INSTALLED PER FDOT INDEX 711-001 SHT. 10 - SPECIAL EMPHASIS CROSSWALK MARKING DETAIL WIDTH OF CROSSWALK MARKINGS TO MATCH TRAIL WIDTH AT POINT OF CROSSING UNLESS OTHERWISE NOTED. FOR ADDITIONAL EXISTING AND PROPOSED PAVEMENT MARKING CRITERIA REFER TO PLAN SHEET G-103, NOTE 38.



DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		SIGNATURE		DATE	
NORTH LAKE TRAIL SEGMENT III-A MINOR STREET CROSSING DETAIL					
JOB NO.: 215811267					
SHEET: C-504					
REVISION:		DATE:			
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SURVEYED: N.A.	DATE: 07/07/24	PAGE: N.A.			
FIELD BOOK: N.A.	DATE: 08/07/24	CDH			
DESIGNED: CSM	DATE: 04/01/24	AIM			
DRAWN: CDH	DATE: 08/09/24				
APPROVED: AIM	DATE: 08/09/24				
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778					

CASE III
COMMERCIAL DRIVEWAY CROSSING
N.T.S.



INSTALL DETECTABLE WARNING PER FDOT INDEX 522-001 AND 522-002 FOR MEDIAN & CROSSING DETAILS SEE SHEET XX

CONTRACTOR SHALL CONTACT COUNTY'S AUTHORIZED REPRESENTATIVE FOR APPROVED LOGO, SPACING, FONT, COLORS, ETC. FOR CUSTOM TRAIL SIGN 60 DAYS PRIOR TO INSTALLATION.

SIGNING & PAVEMENT MARKINGS TYPICAL BOTH DIRECTIONS.

** CROSSWALK MARKINGS SHOWN FOR ILLUSTRATIVE PURPOSES. MARKINGS SHALL BE INSTALLED PER FDOT INDEX 711-001 SHT. 10 - SPECIAL EMPHASIS CROSSWALK MARKING DETAIL WIDTH OF CROSSWALK MARKINGS TO MATCH TRAIL WIDTH AT POINT OF CROSSING UNLESS OTHERWISE NOTED. FOR ADDITIONAL EXISTING AND PROPOSED PAVEMENT MARKING CRITERIA REFER TO PLAN SHEET G-103, NOTE 38.

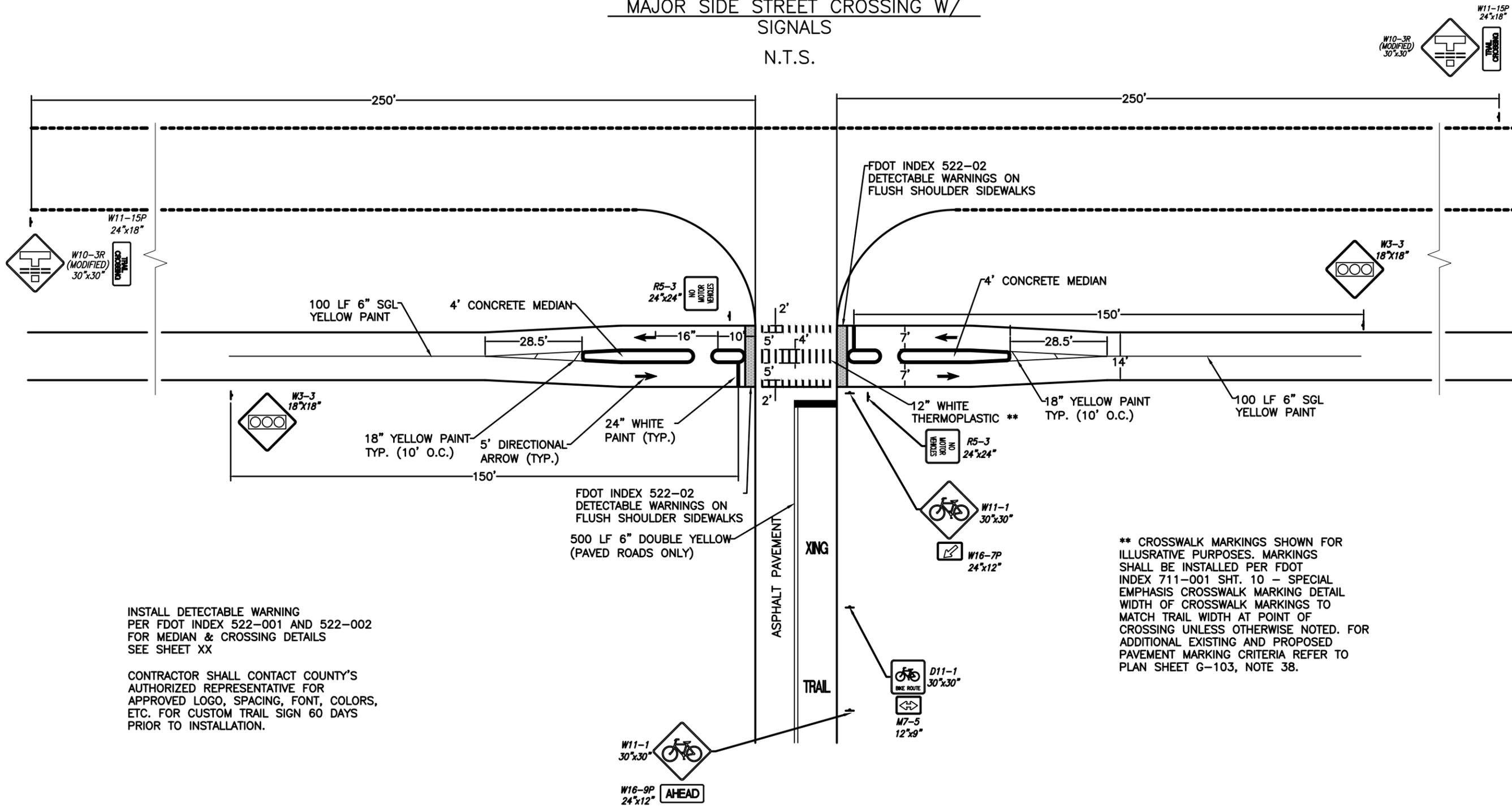
SIGNATURE
DATE

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
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FIELD BOOK: N.A.	PAGE: N.A.
DESIGNED: CSM	DATE: 08/07/24
DRAWN: CDH	DATE: 04/01/24
APPROVED: AIM	DATE: 08/09/24

NORTH LAKE TRAIL
SEGMENT III-A
DRIVEWAY X-ING DETAIL

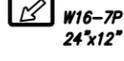
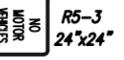
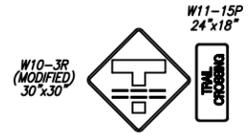
CASE V
 MAJOR SIDE STREET CROSSING W/
 SIGNALS
 N.T.S.



INSTALL DETECTABLE WARNING
 PER FDOT INDEX 522-001 AND 522-002
 FOR MEDIAN & CROSSING DETAILS
 SEE SHEET XX

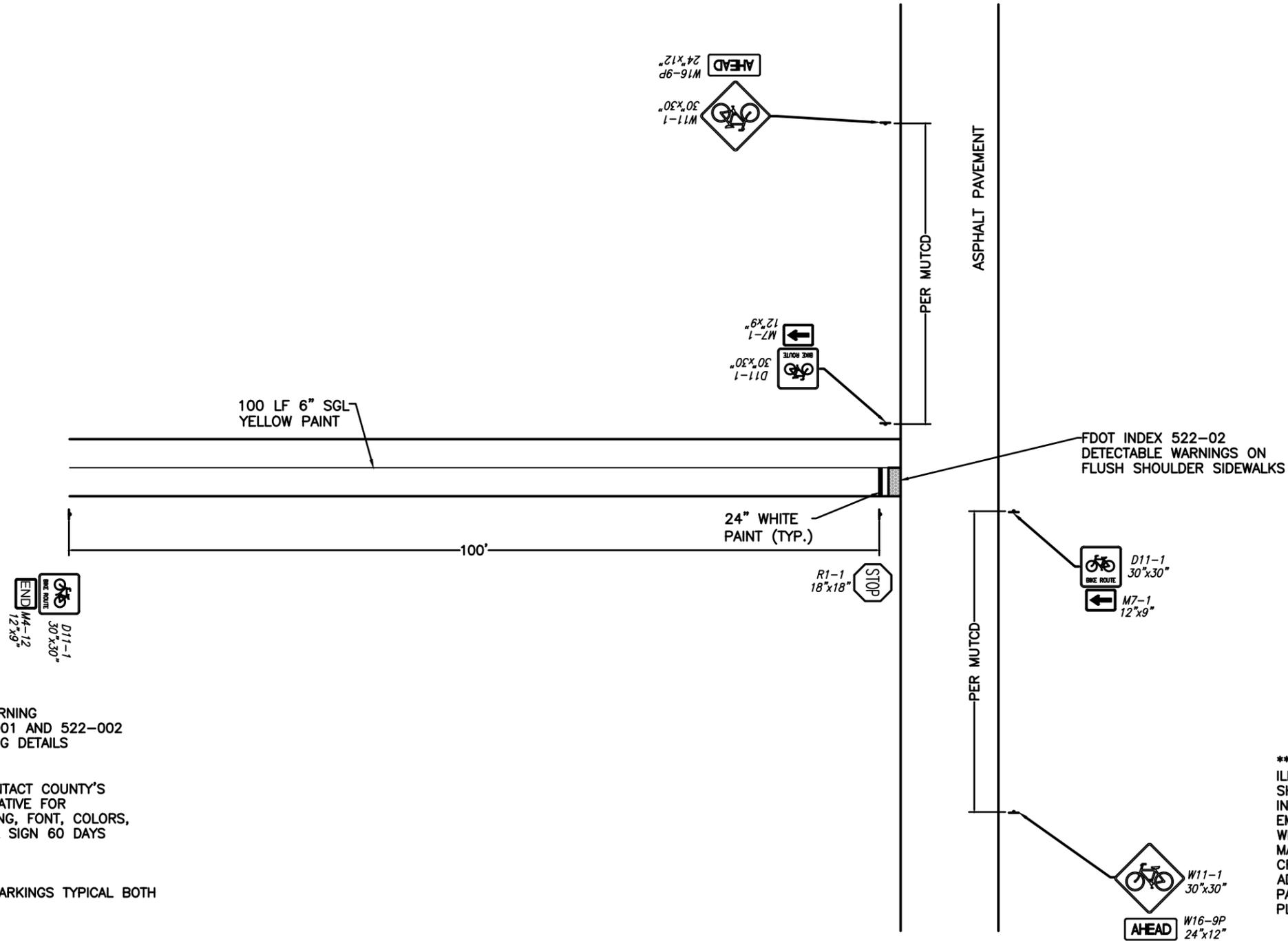
CONTRACTOR SHALL CONTACT COUNTY'S
 AUTHORIZED REPRESENTATIVE FOR
 APPROVED LOGO, SPACING, FONT, COLORS,
 ETC. FOR CUSTOM TRAIL SIGN 60 DAYS
 PRIOR TO INSTALLATION.

** CROSSWALK MARKINGS SHOWN FOR
 ILLUSTRATIVE PURPOSES. MARKINGS
 SHALL BE INSTALLED PER FDOT
 INDEX 711-001 SHT. 10 - SPECIAL
 EMPHASIS CROSSWALK MARKING DETAIL
 WIDTH OF CROSSWALK MARKINGS TO
 MATCH TRAIL WIDTH AT POINT OF
 CROSSING UNLESS OTHERWISE NOTED. FOR
 ADDITIONAL EXISTING AND PROPOSED
 PAVEMENT MARKING CRITERIA REFER TO
 PLAN SHEET G-103, NOTE 38.



SIGNATURE		DATE	
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION			
REVISION:	DATE:	DATE:	DATE:
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DRAWN: CDH	DATE: 08/09/24	APPROVED: AIM	DATE: 08/09/24
NORTH LAKE TRAIL SEGMENT III-A MAJOR STREET X-ING DETAIL			
JOB NO.: 215811267			
SHEET: C-506			
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778			

CASE VI
END BIKE ROUTE
N.T.S.



INSTALL DETECTABLE WARNING
PER FDOT INDEX 522-001 AND 522-002
FOR MEDIAN & CROSSING DETAILS
SEE SHEET XX

CONTRACTOR SHALL CONTACT COUNTY'S
AUTHORIZED REPRESENTATIVE FOR
APPROVED LOGO, SPACING, FONT, COLORS,
ETC. FOR CUSTOM TRAIL SIGN 60 DAYS
PRIOR TO INSTALLATION.

SIGNING & PAVEMENT MARKINGS TYPICAL BOTH
DIRECTIONS.

** CROSSWALK MARKINGS SHOWN FOR
ILLUSRATIVE PURPOSES. MARKINGS
SHALL BE INSTALLED PER FDOT
INDEX 711-001 SHT. 10 - SPECIAL
EMPHASIS CROSSWALK MARKING DETAIL
WIDTH OF CROSSWALK MARKINGS TO
MATCH TRAIL WIDTH AT POINT OF
CROSSING UNLESS OTHERWISE NOTED. FOR
ADDITIONAL EXISTING AND PROPOSED
PAVEMENT MARKING CRITERIA REFER TO
PLAN SHEET G-103, NOTE 38.

NORTH LAKE TRAIL
SEGMENT III-A
END TRAIL DETAIL

JOB NO.:
215811267

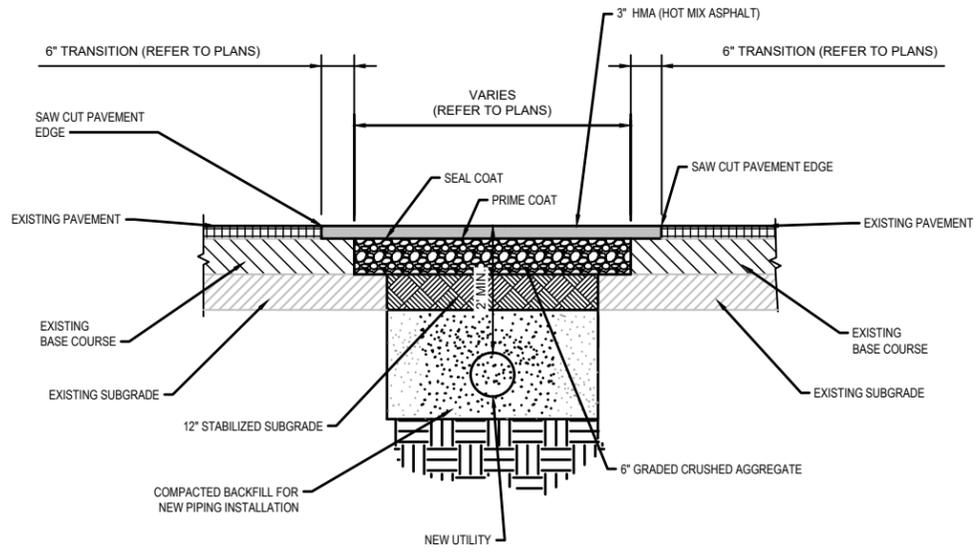
SHEET:
C-507

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			SURVEYED: N.A.	DATE: 07/07/24
			FIELD BOOK: N.A.	PAGE: N.A.
			DESIGNED: CSM	DATE: 08/07/24
			DRAWN: CDH	DATE: 04/01/24
			APPROVED: AIM	DATE: 08/09/24

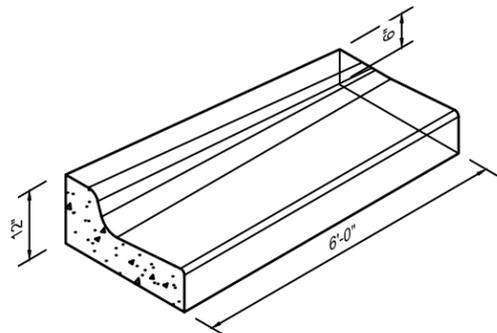
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

SIGNATURE
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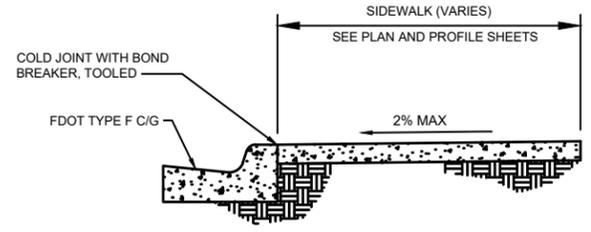
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778



1 UTILITY TRENCHING DETAIL
NTS



2 CURB TAPER
NTS



3 CURBSIDE SIDEWALK DETAIL
NTS

NORTH LAKE TRAIL SEGMENT III-A SITE DETAILS		REVISION:	DATE
S. - 6	T. - 18S	R. - 27E	
SURVEYED: N.A.	DATE: 07/07/21		
FIELD BOOK: N.A.	PAGE: N.A.		
DESIGNED: CSM	DATE: 08/07/24		
DRAWN: CDH	DATE: 04/01/24		
APPROVED: AIM	DATE: 08/09/24		
JOB NO: 215811267		SIGNATURE	
SHEET: C-508		DATE	
DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION		350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778	

DRAINAGE STRUCTURE TABLE					
STR. NO.	DESCRIPTION	RIM/TOP EL.	PIPE CONNECTIONS	NORTHING	EASTING
DBI-01	TYPE C DBI FDOT INDEX 425-052	107.21'	18" RCP 104.50' SE	1678951.00	446045.64
DBI-02	TYPE C DBI FDOT INDEX 425-052	96.82'	18" RCP 93.22' E 18" RCP 93.20' NW	1679917.66	446783.70
DBI-03	TYPE C DBI FDOT INDEX 425-052	100.32'	18" RCP 94.03' W 18" RCP 96.01' SE	1679916.23	446826.23
DBI-04	TYPE C DBI FDOT INDEX 425-052	99.34'	18" RCP 96.56' W	1680284.05	446926.71
DBI-05	TYPE C DBI FDOT INDEX 425-052	108.27'	18" RCP 106.12' NE	1682463.81	447751.30
MES-01	MITERED END SECTION FDOT INDEX 430-021	99.86'	15" RCP 98.34' E	1673494.87	443302.22
MES-02	MITERED END SECTION FDOT INDEX 430-021	100.65'	15" RCP 99.13' W	1673484.01	443334.44
MES-03	MITERED END SECTION FDOT INDEX 430-021	93.32'	15" RCP 91.80' SE	1676345.44	444380.63
MES-04	MITERED END SECTION FDOT INDEX 430-021	92.58'	15" RCP 91.06' NW	1676326.63	444411.22
MES-05	MITERED END SECTION FDOT INDEX 430-021	94.72'	15" RCP 93.19' N	1676570.38	444606.03
MES-06	MITERED END SECTION FDOT INDEX 430-021	95.70'	15" RCP 94.18' S	1676619.37	444604.90
MES-07	MITERED END SECTION FDOT INDEX 430-021	106.42'	18" RCP 104.83' NE	1678733.06	446003.34
MES-08	MITERED END SECTION FDOT INDEX 430-021	105.92'	18" RCP 104.33' SW	1678769.10	446028.56
MES-09	MITERED END SECTION FDOT INDEX 430-021	105.22'	15" RCP 103.70' NE	1679251.71	446296.32
MES-10	MITERED END SECTION FDOT INDEX 430-021	104.90'	15" RCP 103.38' SW	1679381.70	446402.17
MES-11	MITERED END SECTION FDOT INDEX 430-021	97.40'	18" RCP 95.61' NW	1679802.53	446738.44
MES-12	MITERED END SECTION FDOT INDEX 430-021	96.99'	18" RCP 95.20' SE	1679829.33	446705.72
MES-13	MITERED END SECTION FDOT INDEX 430-021	94.72'	18" RCP 92.92' SE	1679929.61	446765.64
MES-14	MITERED END SECTION FDOT INDEX 430-021	98.16'	18" RCP 96.37' E	1680282.40	446891.86
MES-15	MITERED END SECTION FDOT INDEX 430-021	98.93'	15" RCP 97.41' NE	1680859.93	447089.47
MES-16	MITERED END SECTION FDOT INDEX 430-021	97.61'	15" RCP 96.09' SW	1680926.54	447124.54
MES-17	MITERED END SECTION FDOT INDEX 430-021	87.41'	15" RCP 85.89' N	1681344.02	447269.92
MES-18	MITERED END SECTION FDOT INDEX 430-021	86.93'	15" RCP 85.41' S	1681389.74	447280.98
MES-19	MITERED END SECTION FDOT INDEX 430-021	105.40'	15" RCP 103.88' N	1682353.24	447781.40
MES-20	MITERED END SECTION FDOT INDEX 430-021	106.94'	15" RCP 105.42' S	1682478.14	447790.94
MES-21	MITERED END SECTION FDOT INDEX 430-021	107.43'	18" RCP 105.72' SW	1682480.36	447787.28

DRAINAGE PIPE TABLE					
PIPE NO.	TYPE	LENGTH (FT.)	START INV.	END INV.	SLOPE (FT/FT)
DBI-01 TO EX. PIPE	18" RCP	6.49'	104.50	104.37	2.13%
DBI-02 TO DBI-03	18" RCP	42.55'	93.22	94.03	1.90%
DBI-02 TO MES-13	18" RCP	21.66'	93.20	92.92	1.28%
DBI-03 TO EX. PIPE	18" RCP	3.56'	96.01	96.14	3.53%
DBI-04 TO MES-14	18" RCP	34.89'	96.56	96.37	0.54%
DBI-05 TO MES-21	18" RCP	39.61'	106.12	105.72	1.00%
MES-01 TO MES-02	15" RCP	34.00'	99.13	98.34	2.31%
MES-03 TO MES-04	15" RCP	35.90'	91.80	91.06	2.05%
MES-05 TO MES-06	15" RCP	49.00'	94.18	93.19	2.01%
MES-07 TO MES-08	18" RCP	43.99'	104.83	104.33	1.13%
MES-09 TO MES-10	15" RCP	167.63'	103.70	103.38	0.19%
MES-11 TO MES-12	18" RCP	42.30'	95.61	95.20	0.98%
MES-15 TO MES-16	15" RCP	75.28'	97.41	96.09	1.75%
MES-17 TO MES-18	15" RCP	47.04'	85.89	85.41	1.03%
MES-19 TO MES-20	15" RCP	125.26'	103.88	105.42	1.23%

SIGNATURE	DATE
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE
S. - 6	
T. - 18S	
R. - 27E	
SURVEYED: N.A.	DATE: 07/07/24
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NORTH LAKE TRAIL
SEGMENT III - A
DRAINAGE STRUCTURE & PIPE
TABLES

JOB NO.:
215811267

SHEET:
C-601