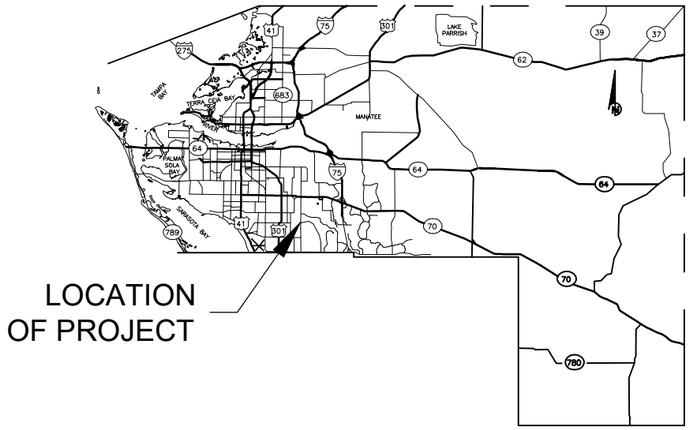
STATE OF FLORIDA

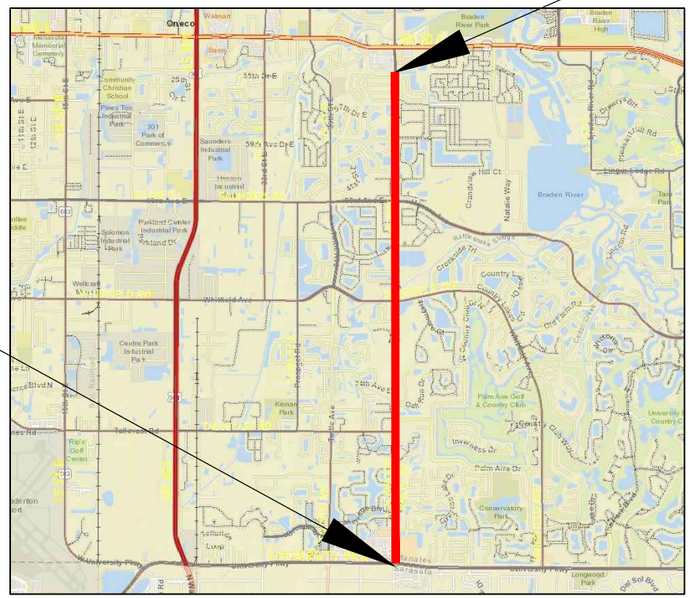
COUNTY OF MANATEE

SIGNING AND PAVEMENT MARKING PLANS
LOCKWOOD RIDGE ROAD REBASE
UNIVERSITY PKWY TO 56TH AVE TER E
BRADENTON, FLORIDA

MANATEE COUNTY PROJECT No: 858-6107960



END PROJECT
STA. 198+35.23



BEGIN PROJECT
STA.0+57.77

N.T.S

100% PLANS

Manatee County FLORIDA

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ENLARGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

811 Know what's below Call before you dig

GOVERNING DESIGN STANDARDS:

FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2020-21 DESIGN STANDARDS eBOOK (DSeB) AND APPLICABLE DESIGN STANDARDS REVISIONS (DSRs) AT THE FOLLOWING WEBSITE:
https://www.fdot.gov/design/standardplans/current/default.shtm

GOVERNING STANDARD SPECIFICATIONS:

FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2020 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:
http://www.fdot.gov/programmanagement/Implemented/SpecBooks

PROJECT LENGTH IS BASED ON B/L OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	19777.46	3.75
EXCEPTIONS	0.00	0.00
GROSS LENGTH OF PROJECT	19777.46	3.75

SIGNING AND PAVEMENT MARKING PLANS
PROFESSIONAL OF RECORD: NEIL BYRNE, P.E.
FLORIDA P.E. # 86905

MANATEE COUNTY PUBLIC WORKS
1022 26th AVENUE EAST
BRADENTON, FL 34208

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T0000	21	S-1

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TABULATION OF QUANTITIES

PAY ITEM NO.	ITEM DESCRIPTION	Unit Measure	TOTAL
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	84
0700 1 60	SINGLE POST SIGN, REMOVE	AS	36
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	2,806
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	30
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	2,491
0711 11141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	2
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	106
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	136
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	35
0711 11241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0
0711 15101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	15
0711 15102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0
0711 15131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	7
0711 15201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	6
0711 15 SP	GREEN BIKE LANE TREATMENT	LF	3,365
0711 15 SP	GREEN BIKE LANE, DOT GUIDE	LF	880

NOTES

1. CONTRACTOR TO PROVIDE RAISED PAVEMENT MARKERS PER F.D.O.T. STANDARD PLANS INDEX NO. 706-001.

NUMBER	DESCRIPTION	DATE

PROJECT #	858-6107960	SURVEYED	____	__/__/__
SURVEY #		DESIGNED	____	__/__/__
SEC./TWN./RGE		DRAWN	SM	4/14/22
SCALE	AS SHOWN	CHECKED	NB	4/14/22

NEIL BYRNE, P.E.
FLORIDA P.E. # 86905

Signature & Date

Manatee County FLORIDA
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

LOCKWOOD RIDGE ROAD REBASE
SIGNING AND PAVEMENT MARKING PLANS
TABLULATION OF QUANTITIES

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GENERAL NOTES

1. ALL OF THE SIGNING AND PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MUTCD, FDOT DESIGN STANDARDS AND THE MANATEE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY, TRAFFIC AND STORMWATER STANDARDS.
2. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE F.D.O.T. STANDARD PLANS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LENGTH OF SIGN COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
4. REFER TO F.D.O.T. STANDARD PLANS INDEX NO. 706–001 FOR RETRO–REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS.
5. CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
6. THE SIGN LOCATIONS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
7. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE REFLECTED IN THE PAY ITEM NO. 102–1 IN THE SUMMARY OF ROADWAY PAY ITEMS.
8. CONTRACTOR SHALL USE W–SHAPE STEEL POSTS FOR MULTI–POST SIGNS. ALL COLUMNS (POSTS) FOR SINGLE COLUMN SIGNS SHALL BE ALUMINUM ROUND TUBE, UNLESS OTHERWISE INDICATED IN THE PLANS.
9. ANY EXISTING MULTI–POST SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
10. ALL SINGLE COLUMN SIGNS WITHIN THE LIMITS OF CLEARING AND GRUBBING SHALL BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS. PAYMENT SHALL BE REFLECTED IN THE PAY ITEM NO. 110–1–1 IN THE SUMMARY OF ROADWAY PAY ITEMS.
11. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO SIGN FOUNDATIONS AS DETERMINED BY THE CONTRACTOR, THE CONTRACTOR SHALL HAND DIG THE FIRST FOUR FEET OF THE HOLE FOR THE MULTI POST FOUNDATIONS.
12. UNLESS OTHERWISE NOTED ON PLAN SHEETS, ALL CROSSWALKS AT SIGNALIZED INTERSECTIONS SHALL BE TEN FEET (10') IN WIDTH. MEASUREMENTS SHALL BE FROM INSIDE TO INSIDE OF 12" STRIPES.
13. THE REMOVAL OF EXISTING DELINEATOR POSTS SHALL BE INCLUDED IN THE PAYMENT FOR CLEARING AND GRUBBING, PAY ITEM NO. 110–1–1.
14. APPLY YELLOW REFLECTIVE PAINT TO THE NOSES OF ALL CURBED MEDIANS, TRAFFIC SEPARATORS, AND RAISED ISLANDS. WHEN APPLYING YELLOW REFLECTIVE PAINT IN CONJUNCTION WITH RAISED PAVEMENT MARKERS PER FDOT INDEX 706–011. RAISED DELINEATOR POST SHALL ALSO BE PROVIDED WERE KEEP RIGHT (R4–7) SIGNS ARE NOT PROVIDED PER PLANS.

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GENERAL NOTES

SHEET NO.
S-3

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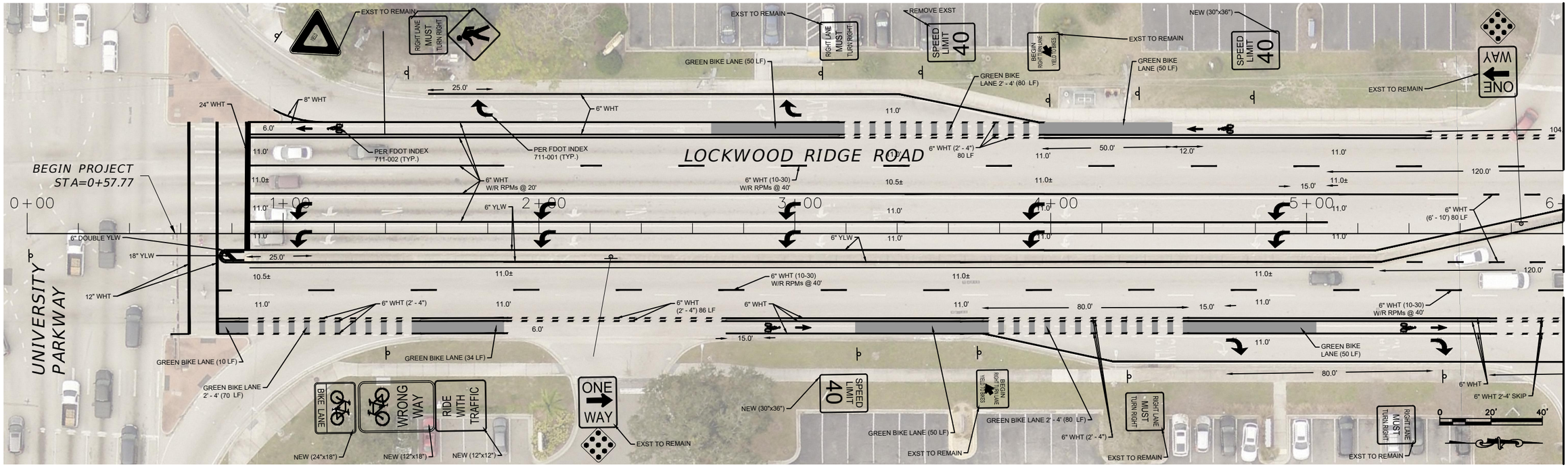

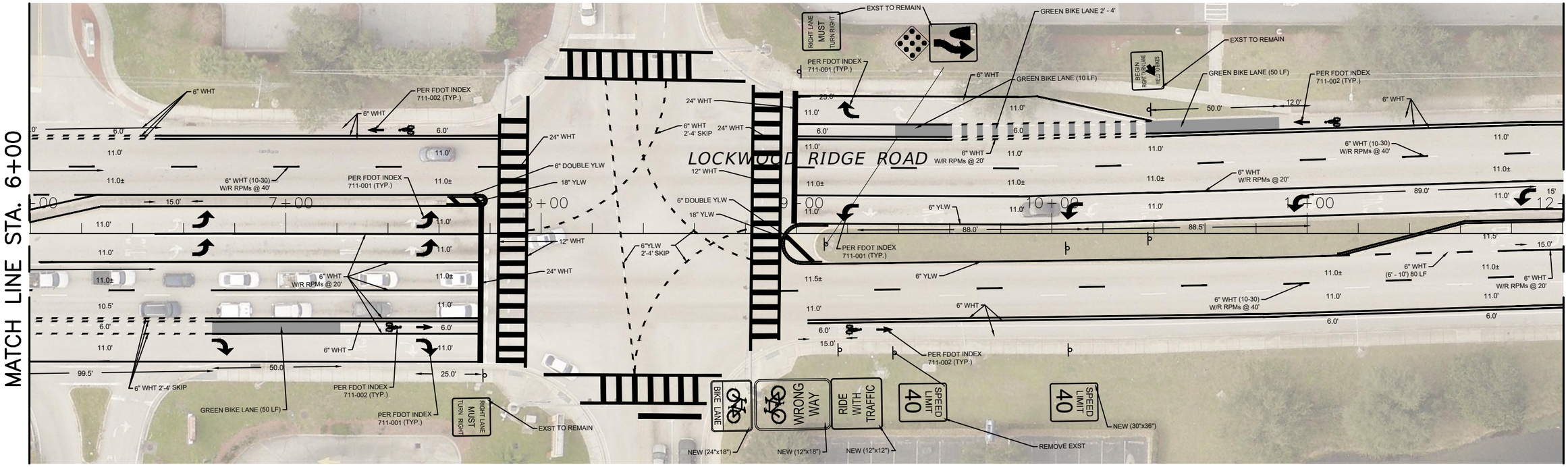

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PLAN SHEET

SHEET NO.
S-4

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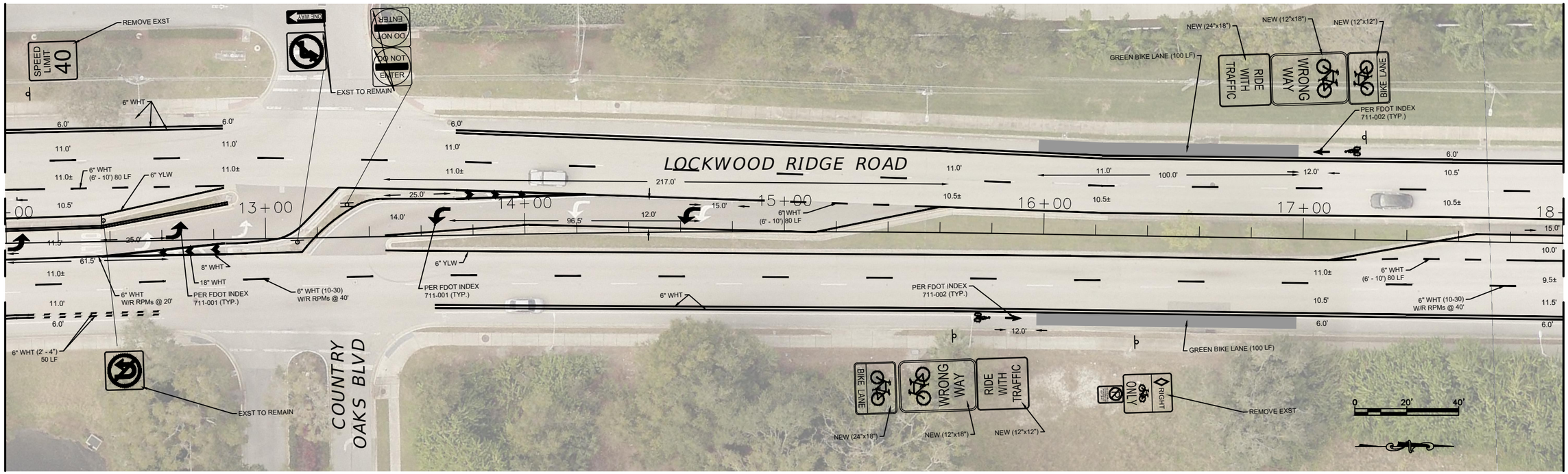

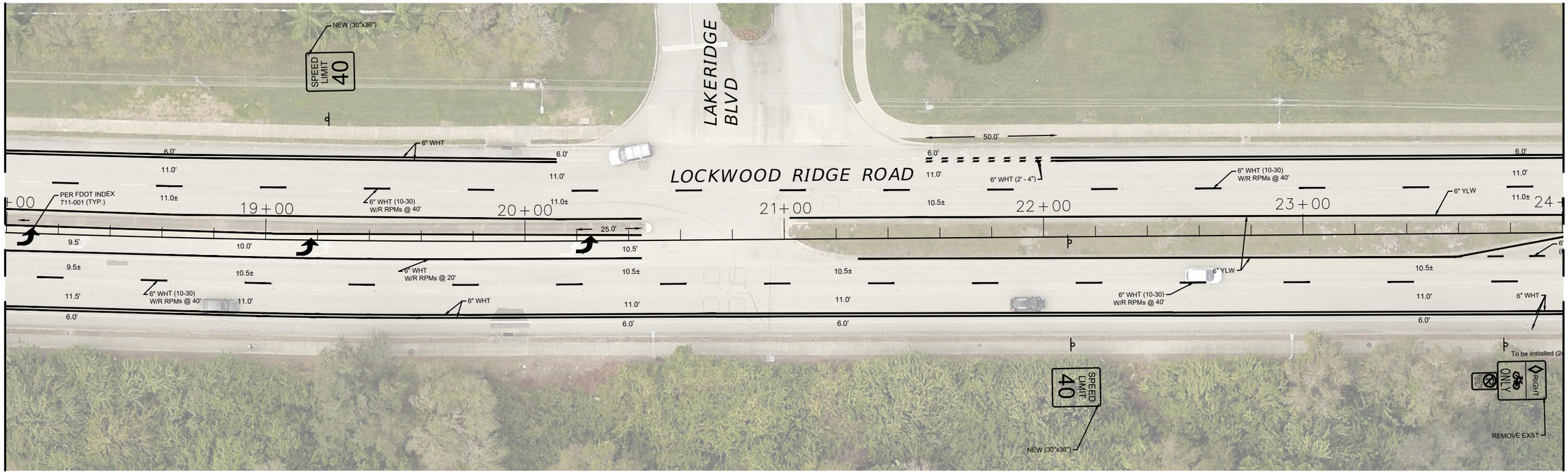

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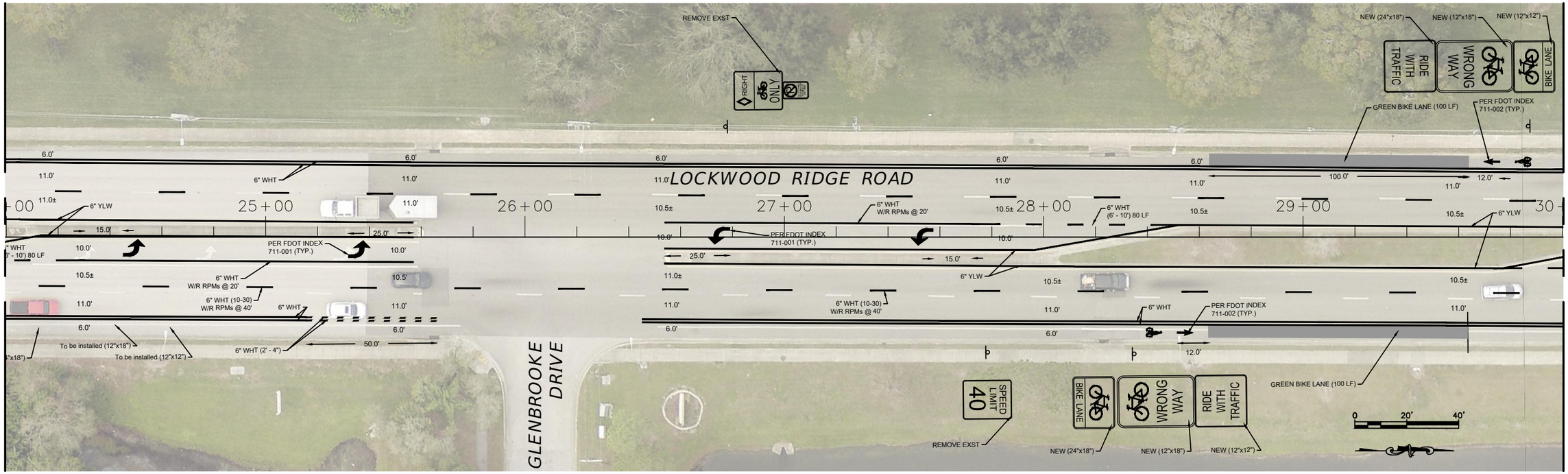

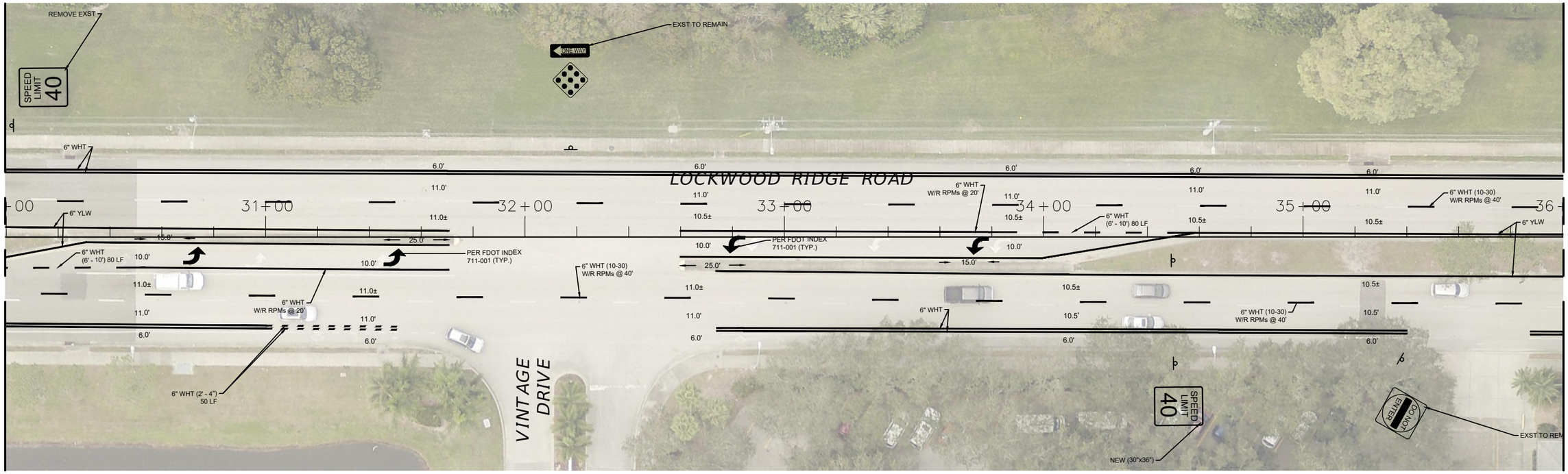

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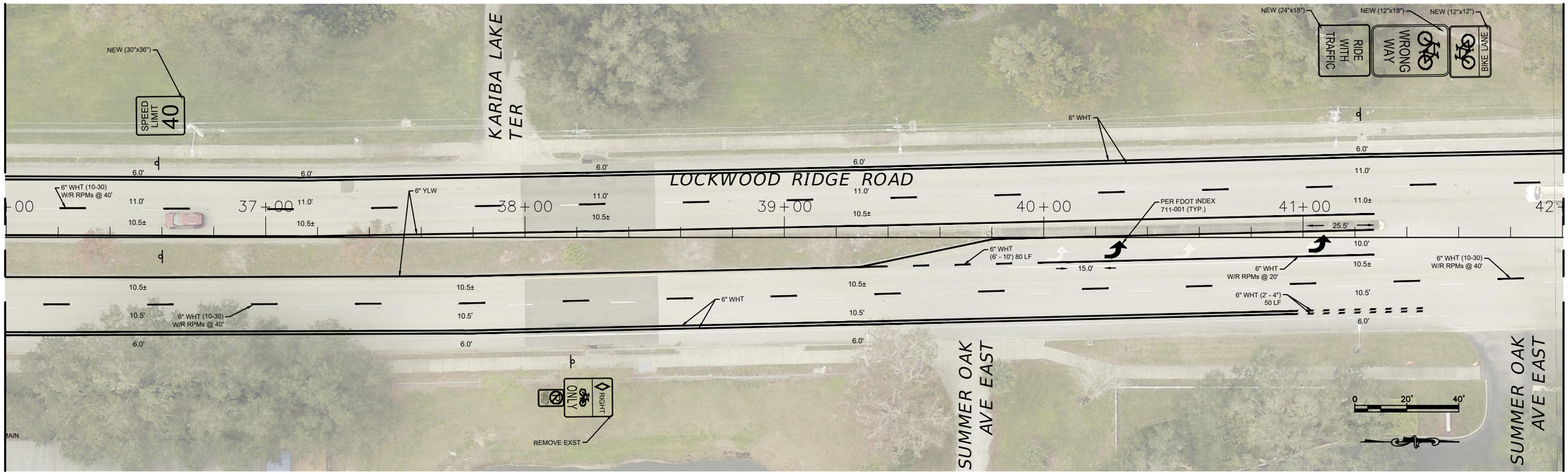

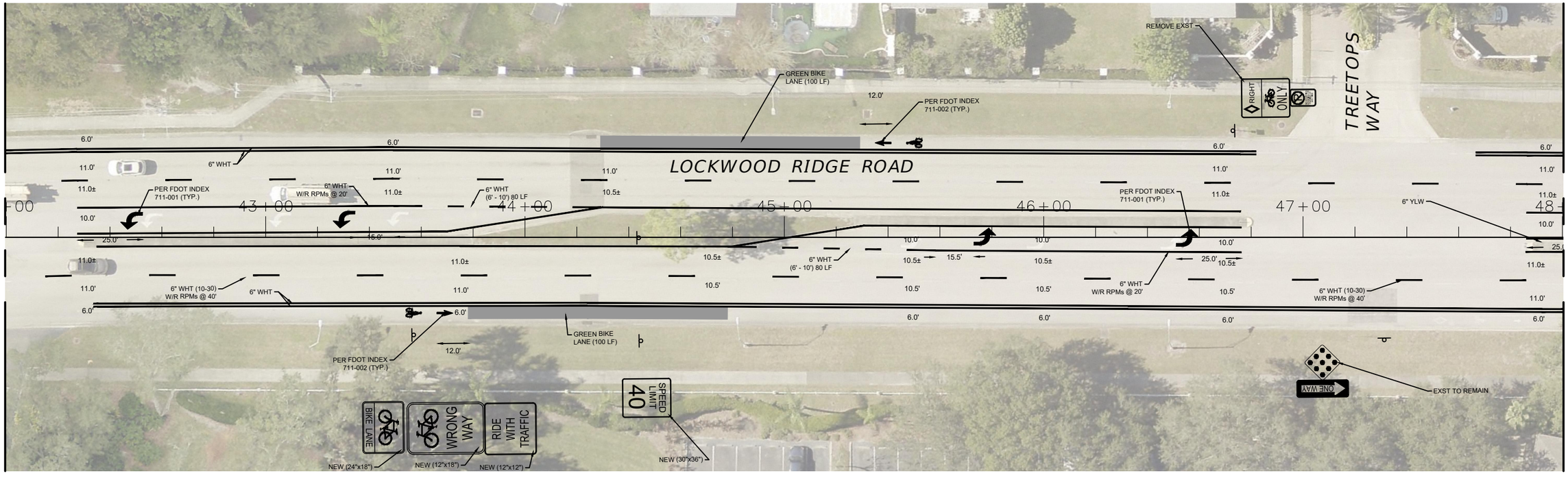

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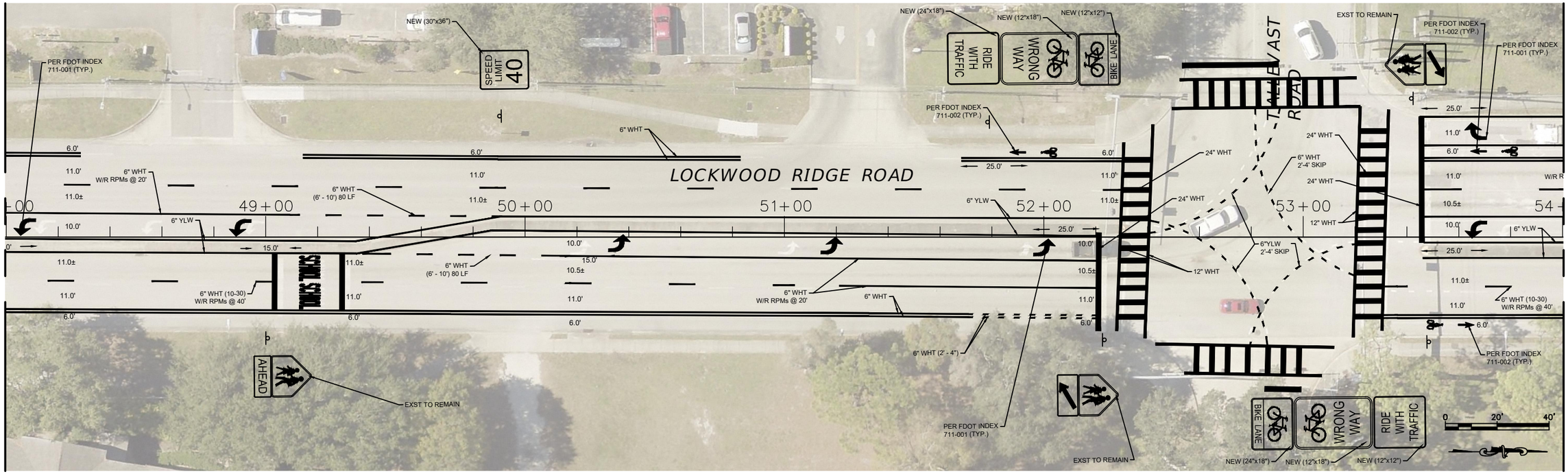

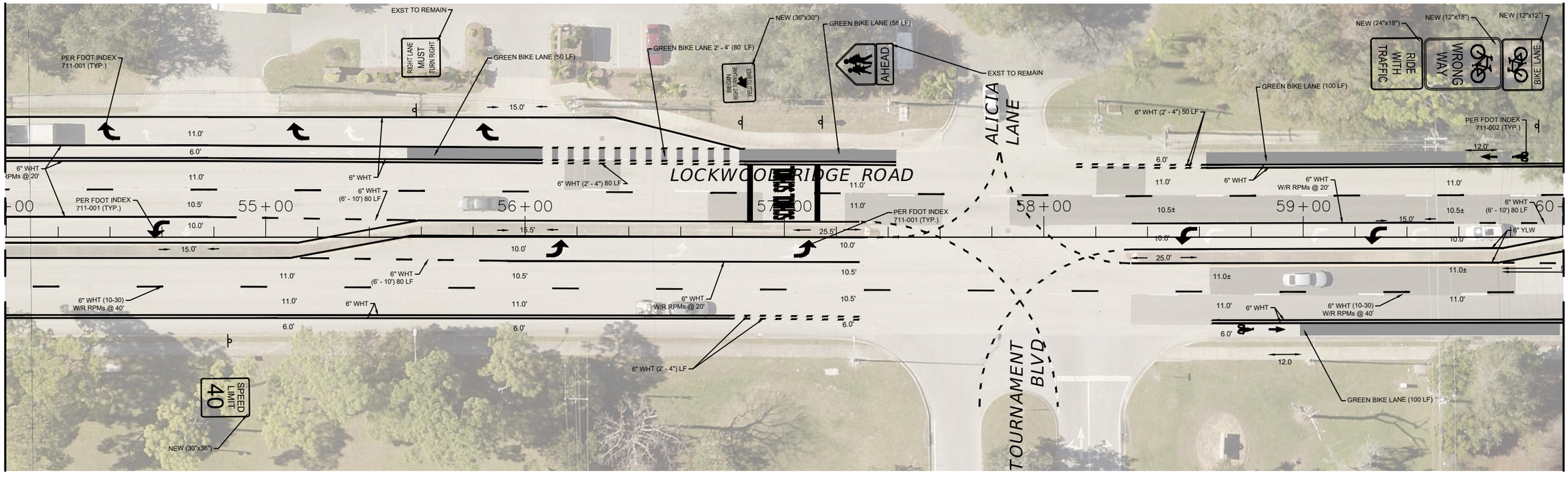

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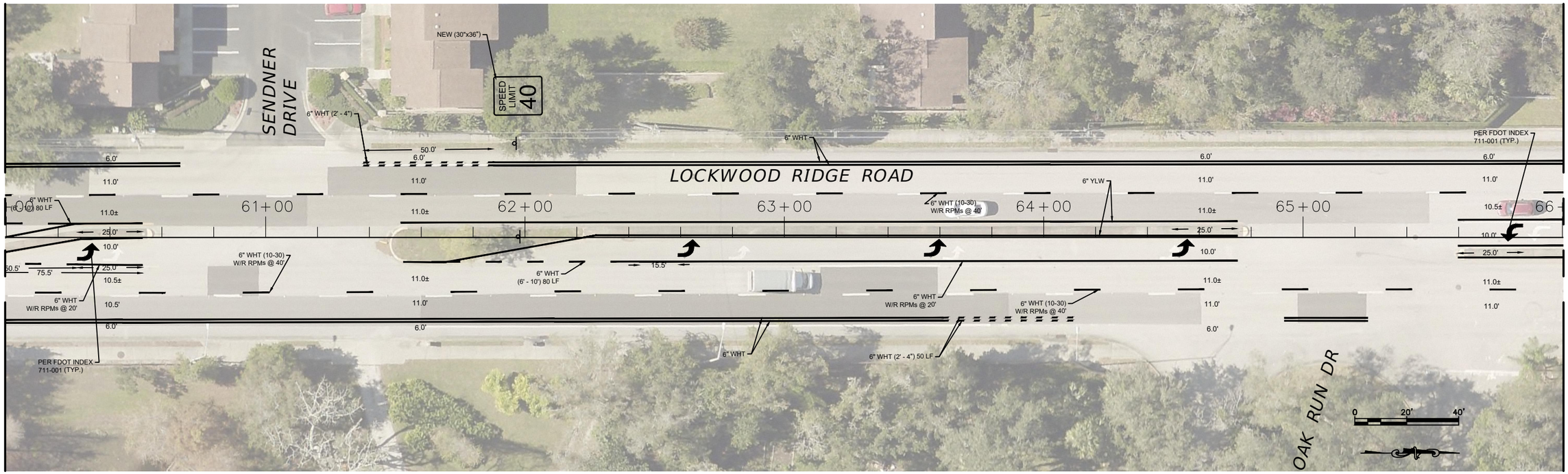

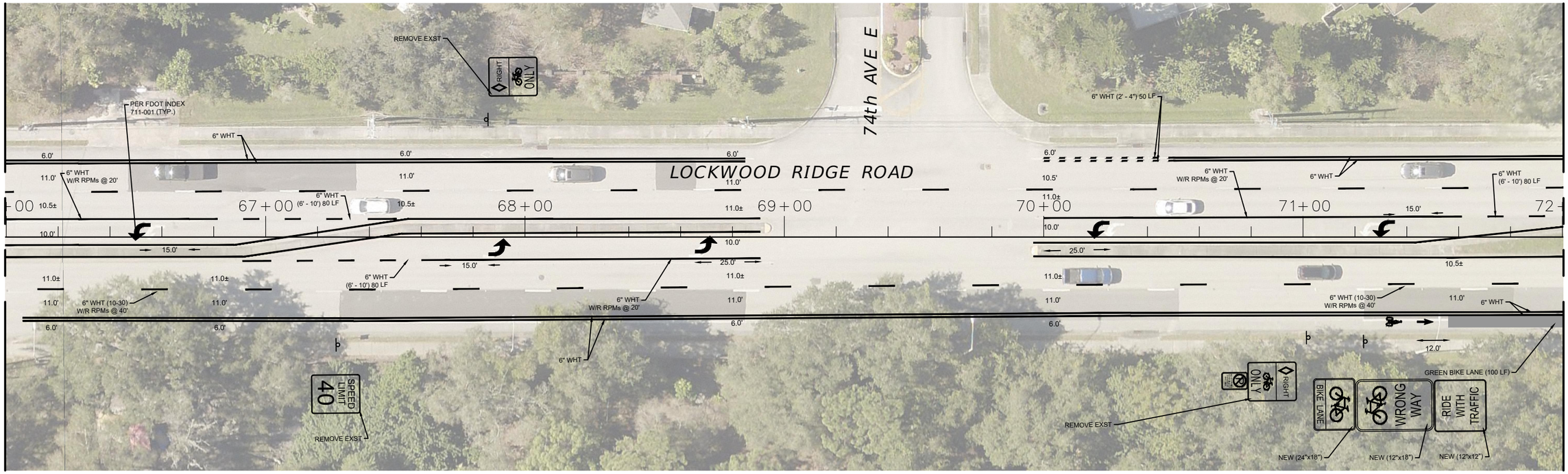

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S-9

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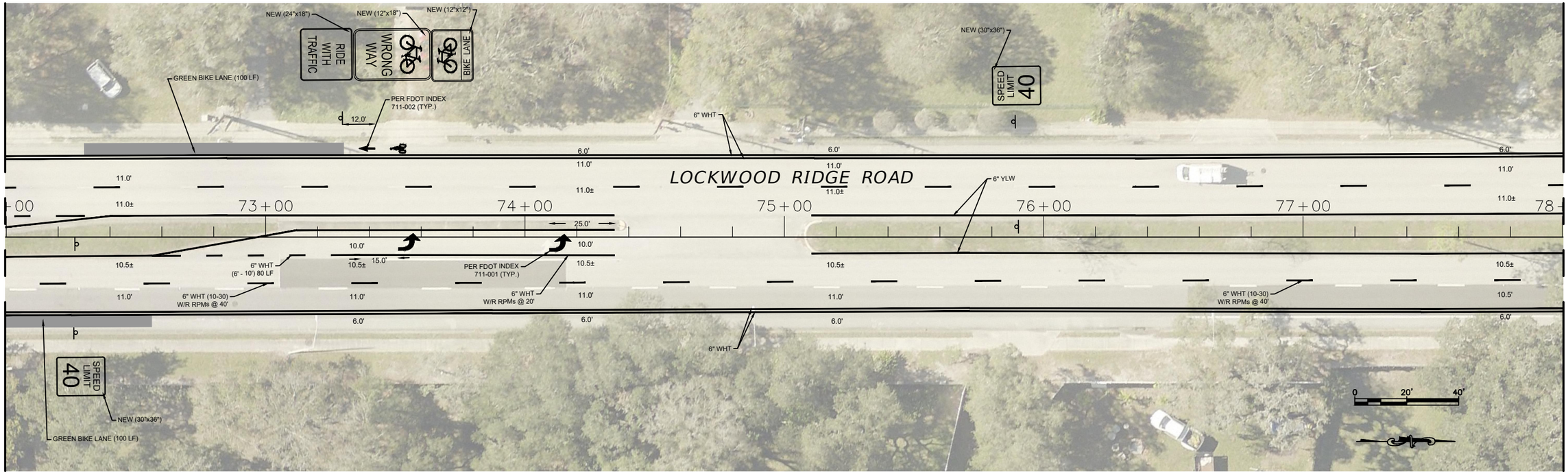

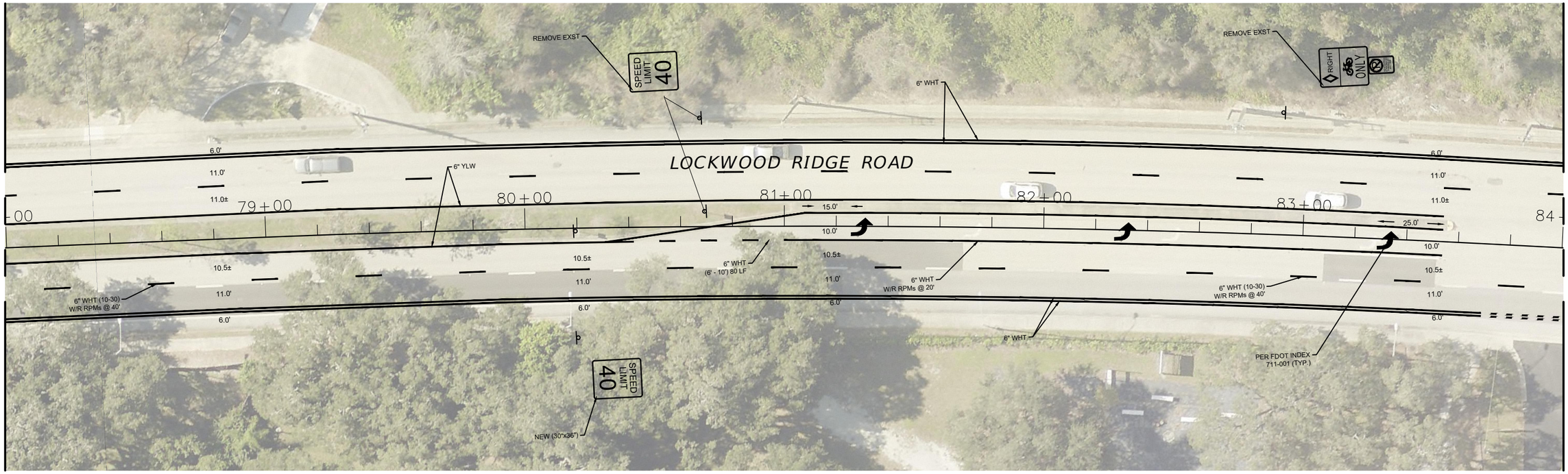

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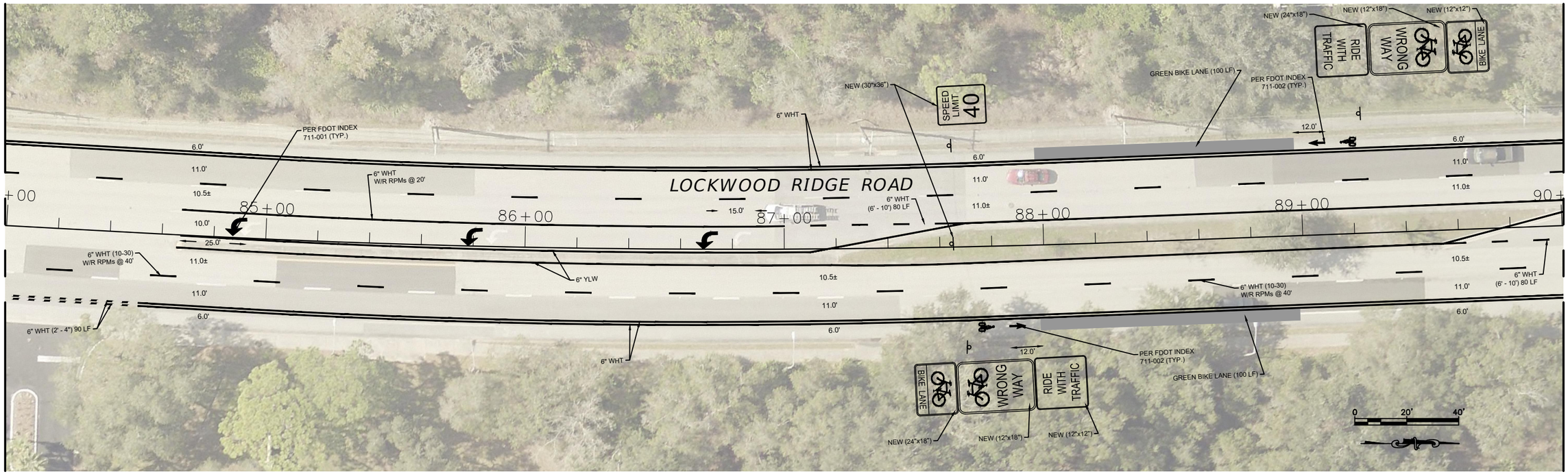

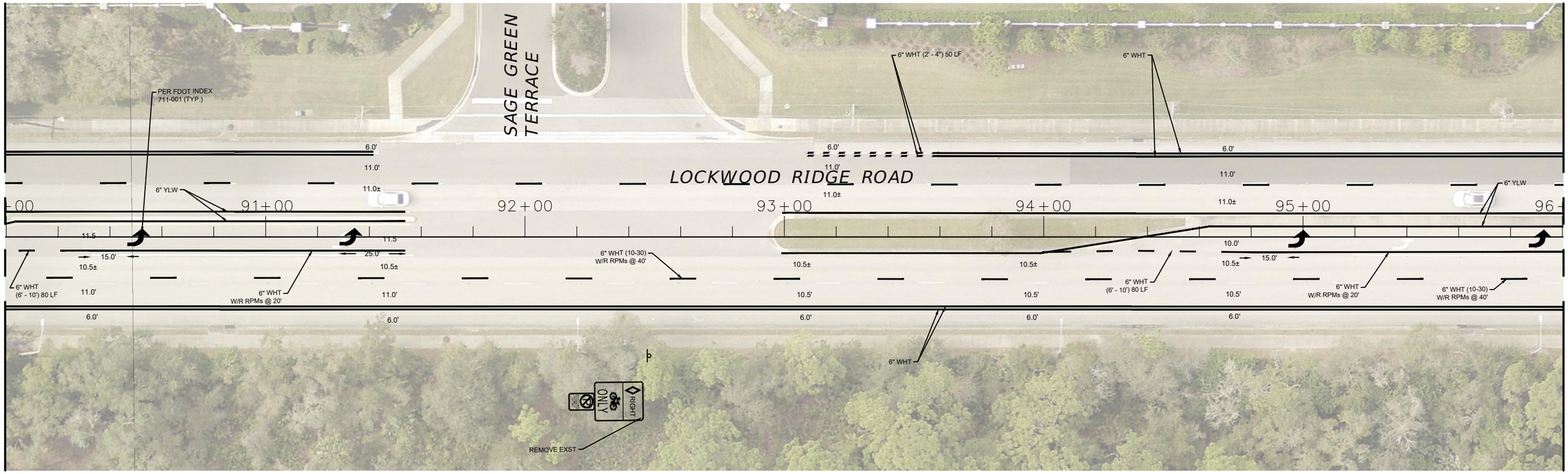

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S-11

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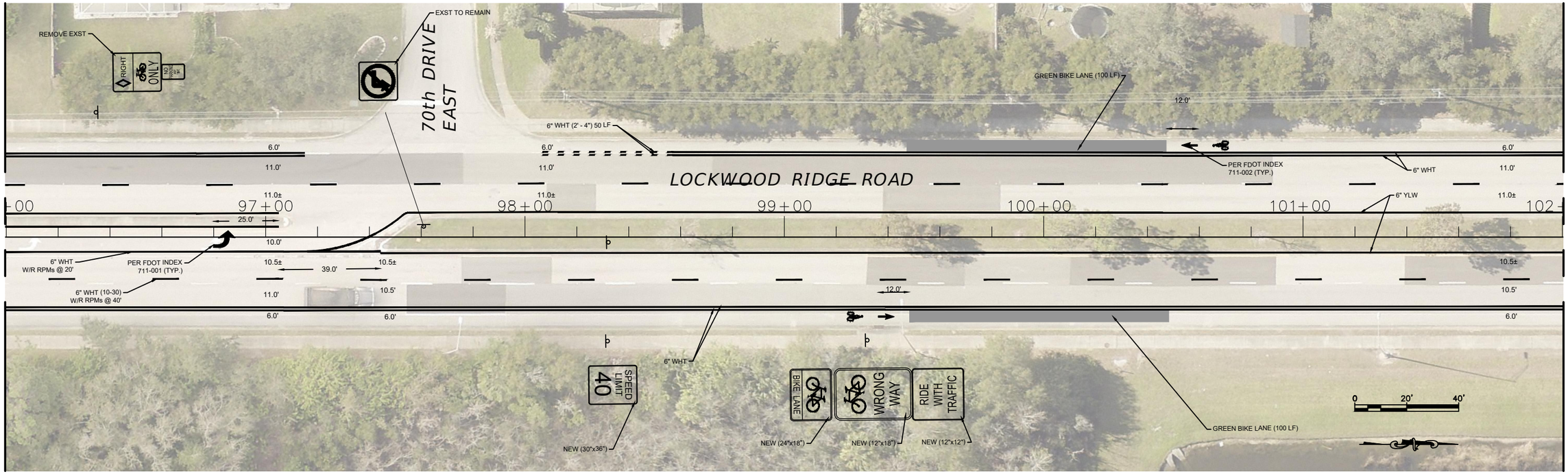

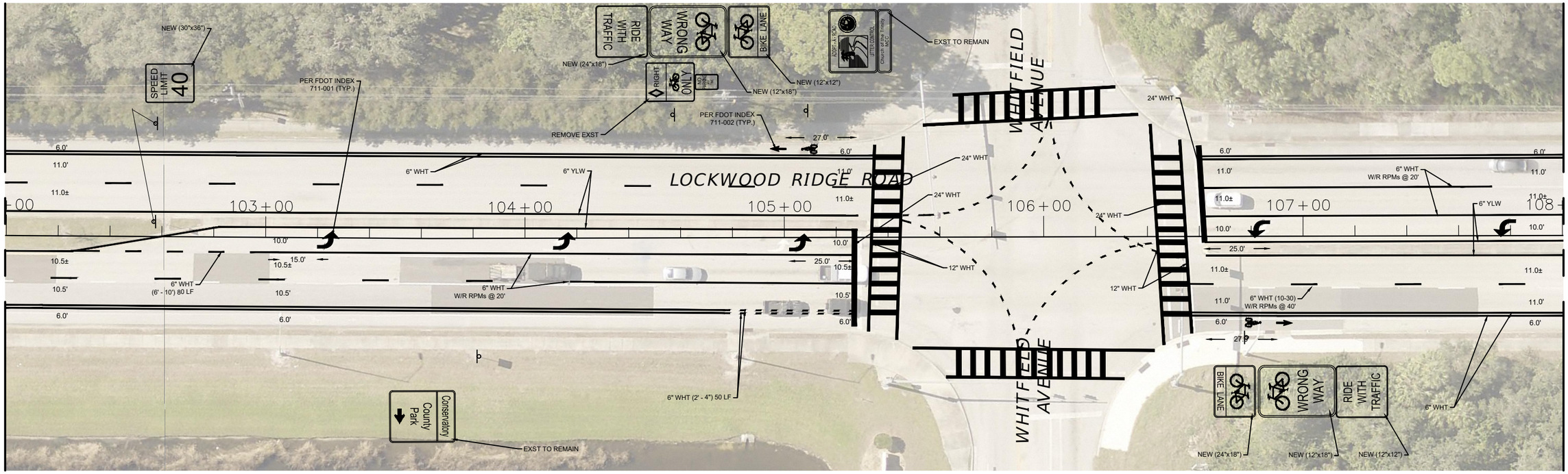

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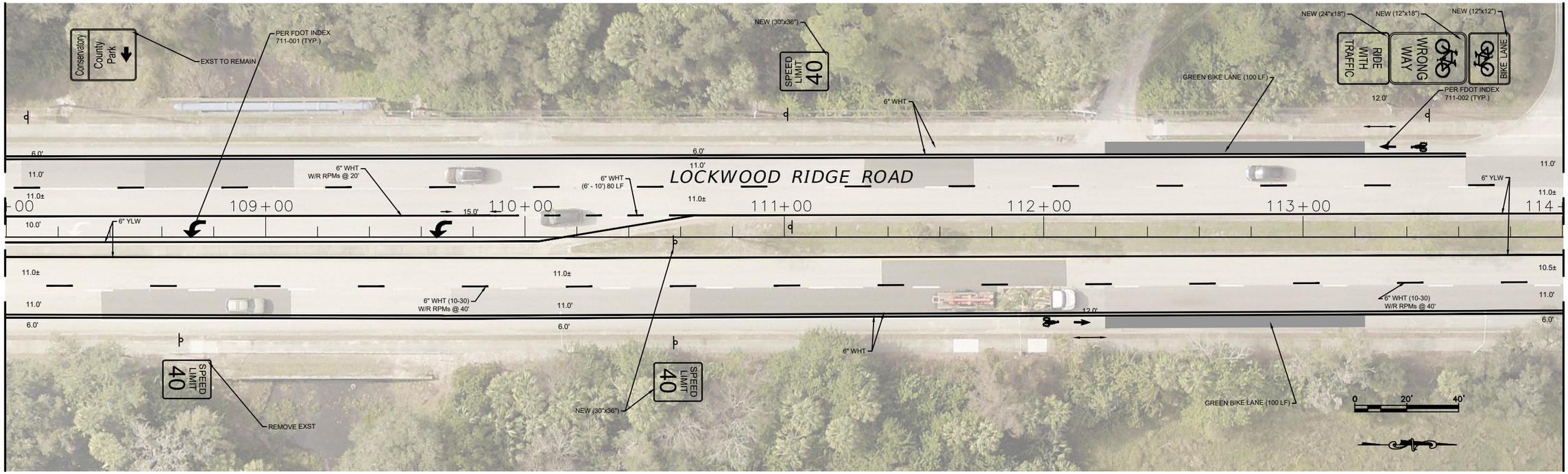
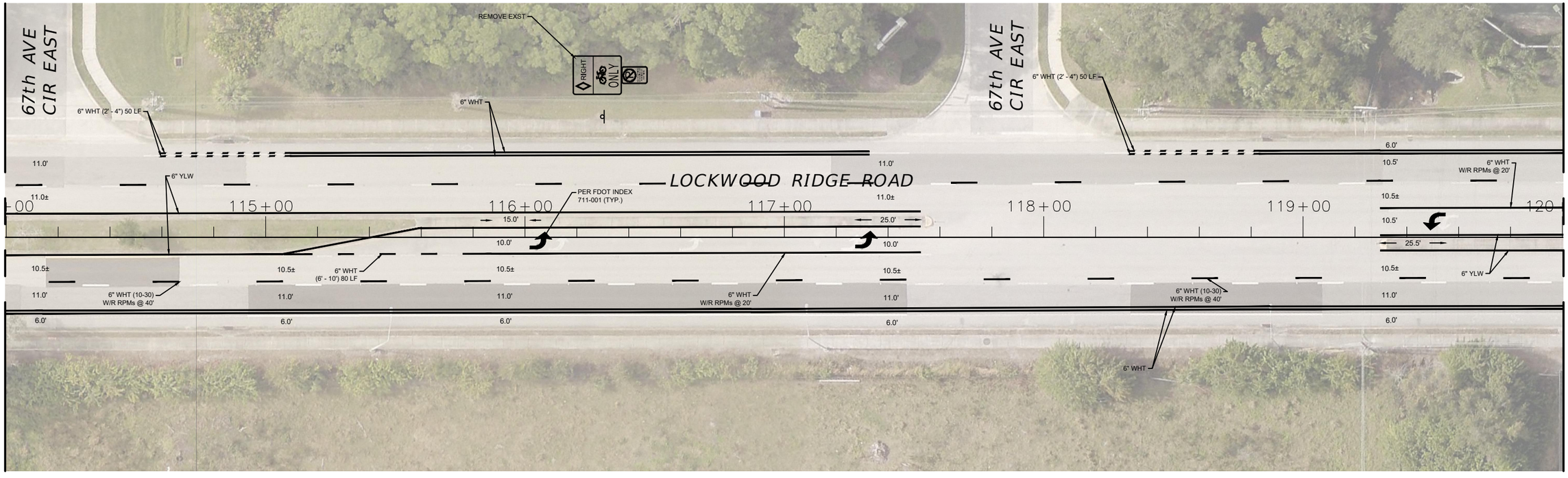
SHEET NO.
S-12

\\bcc\dfs\PWD_Traffic_Share\Traffic_Engineering_Share\Plan Review\Project Folder\Lockwood Ridge - Rebase and Resurfacing- 56th Ave Ter E - University Pkwy\Design\Cadd\Lockwood-SMP.dwg [4/14/2022 5:01 PM]





NUMBER	DESCRIPTION	DATE

PROJECT #	858-6107960	SURVEYED	____	__/__/__
SURVEY #		DESIGNED	____	__/__/__
SEC./TWN./RGE		DRAWN	SM	4/14/22
SCALE	AS SHOWN	CHECKED	NB	4/14/22

NEIL BYRNE, P.E.
FLORIDA P.E. # 86905

Signature & Date

Manatee County FLORIDA
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

LOCKWOOD RIDGE ROAD REBASE
SIGNING AND PAVEMENT MARKING PLANS
PLAN SHEET

SHEET NO.
S-13

\\bcc\dfs\PWD_Traffic_Share\Traffic_Engineering_Share\Plan Review\Project Folder\Lockwood Ridge - Rebase and Resurfacing- 56th Ave Ter E - University Pkwy\Design\Cadd\Lockwood-SMP.dwg [4/14/2022 5:01 PM]

MATCH LINE STA. 120+00

MATCH LINE STA. 126+00

LOCKWOOD RIDGE ROAD

PER FDOT INDEX 711-001 (TYP.)

GREEN BIKE LANE (100 LF)

PER FDOT INDEX 711-002 (TYP.)

NEW R2-1 (36"x36")

NEW (30"x36") BACK TO BACK IN MEDIAN

6" WHT

6" WHT W/R RPMs @ 20'

6" WHT (6' - 10') 80 LF

6" YLW

6" WHT (10-30) W/R RPMs @ 40'

NEW (24"x18")

NEW (12"x18")

NEW (12"x12")

NEW (30"x36")

0 20' 40'

MATCH LINE STA. 126+00

MATCH LINE STA. 132+00

ROYAL CASCADES WAY

WOODBROOK DRIVE

LOCKWOOD RIDGE ROAD

GREEN BIKE LANE (50 LF)

GREEN BIKE LANE 2' - 4' (80 LF)

6" WHT (2' - 4') 80 LF

NEW (36"x30")

BEGIN RIGHT TURN LANE YIELD TO BIKES

6" WHT W/R RPMs @ 20'

6" WHT (6' - 10') 80 LF

6" WHT (10-30) W/R RPMs @ 40'

GREEN BIKE LANE (50 LF)

6" WHT (2' - 4') 71 LF

GREEN BIKE LANE 2' - 4' (71 LF)

NUMBER	DESCRIPTION	DATE

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SURVEY #		DESIGNED	____	__/__/__
SEC./TWN./RGE		DRAWN	SM	4/14/22
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LOCKWOOD RIDGE ROAD REBASE
SIGNING AND PAVEMENT MARKING PLANS
PLAN SHEET

SHEET NO. S-14

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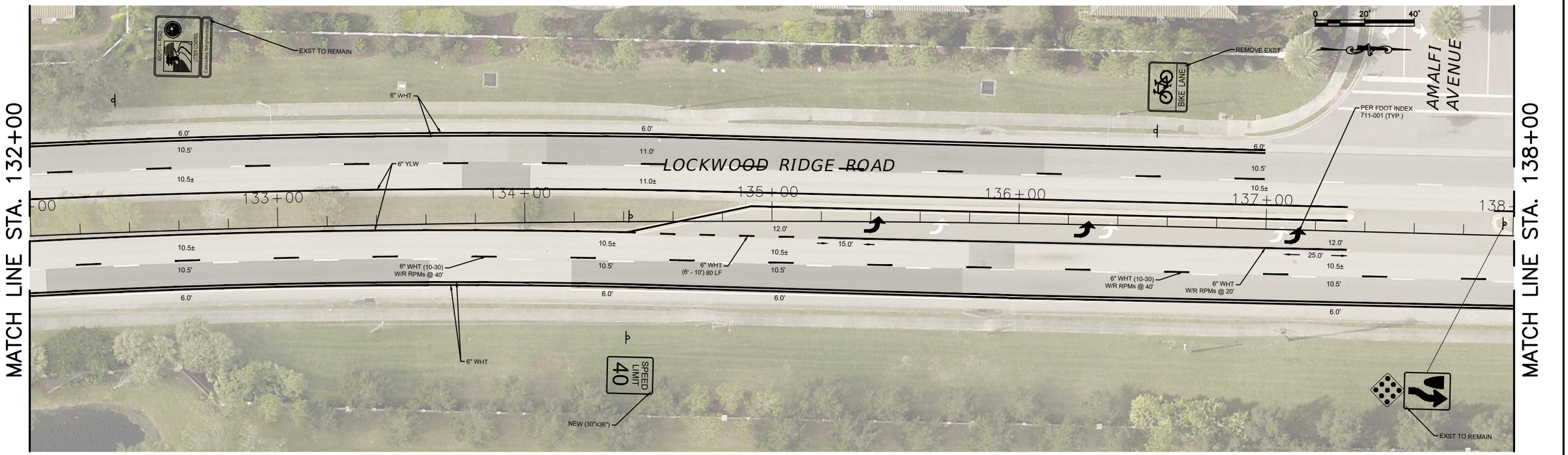

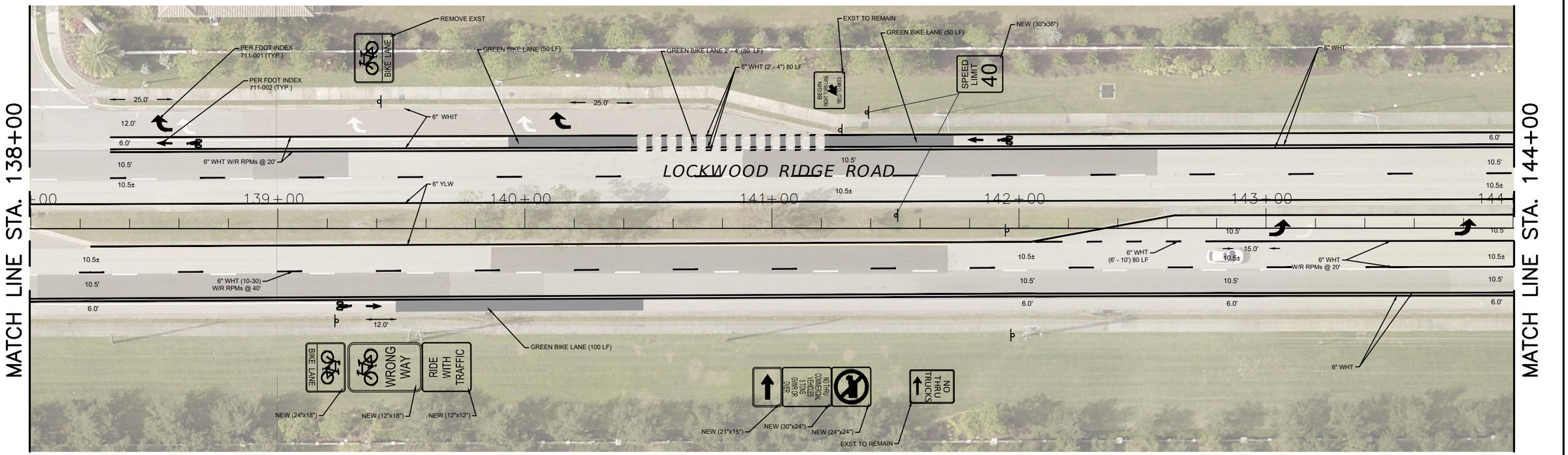

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SURVEY #		DESIGNED	____	__/__/__
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LOCKWOOD RIDGE ROAD REBASE
SIGNING AND PAVEMENT MARKING PLANS
PLAN SHEET

SHEET NO.
S-15

MATCH LINE STA. 144+00

NEW (24"x18")
NEW (12"x18")
Existing
RIDE WITH TRAFFIC
WRONG WAY
BIKE LANE
PER FDOT INDEX 711-001 (TYP.)
PER FDOT INDEX 711-002 (TYP.)
EXST TO REMAIN
63rd AVE E
MOORE AVENUE
LOCKWOOD RIDGE ROAD
24" WHT
12" WHT
6" WHT
6" YLW
6" WHT W/R RPMs @ 20'
6" WHT (2' - 4") 50 LF
6" WHT (10-30) W/R RPMs @ 40'
6" WHT (6' - 10') 80 LF
NO THRU TRUCKS
NO HDTR/ COMMERCIAL VEHICLES 3 TONS OVER GVWR OR OVER
NEW (24"x24")
NEW (21"x15")
NEW (30"x24")
NEW (12"x12")
NEW (30"x36")
SPEED LIMIT 40
0
20'
40'
25.0'
60.5'
12.0'
15.0'

MATCH LINE STA. 150+00

GREEN BIKE LANE (100 LF)
GREEN BIKE LANE (50 LF)
GREEN BIKE LANE (30) LF
GREEN BIKE LANE 2' - 4' (80 LF)
BEGIN RIGHT TURN LANE YIELD TO BIKES
6" WHT (2' - 4")
NEW (36"x30")
PER FDOT INDEX 711-002 (TYP.)
PER FDOT INDEX 711-001 (TYP.)
CASSIA ST

MATCH LINE STA. 150+00

MATCH LINE STA. 156+00

NUMBER	DESCRIPTION	DATE

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LOCKWOOD RIDGE ROAD REBASE
SIGNING AND PAVEMENT MARKING PLANS
PLAN SHEET

SHEET NO.
S-16

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MATCH LINE STA. 156+00

MATCH LINE STA. 162+00

0 20' 40'

LOCKWOOD RIDGE ROAD

62nd AVE EAST

PER FDOT INDEX 711-001 (TYP.)

6" WHT W/R RPMs @ 20'

6" YLW

6" WHT (6' - 10') 80 LF

6" WHT (10-30) W/R RPMs @ 40'

6" WHT

SPEED LIMIT 40

NEW (30"x36")

157+00 158+00 159+00 160+00 161+00 162+00

MATCH LINE STA. 162+00

MATCH LINE STA. 168+00

NEW (24"x18") RIDE WITH TRAFFIC

NEW (12"x18") WRONG WAY

NEW (12"x12") BIKE LANE

GREEN BIKE LANE (100 LF)

12.0'

PER FDOT INDEX 711-002 (TYP.)

163+00 164+00 165+00 166+00 167+00 168+00

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SHEET NO.
S-17

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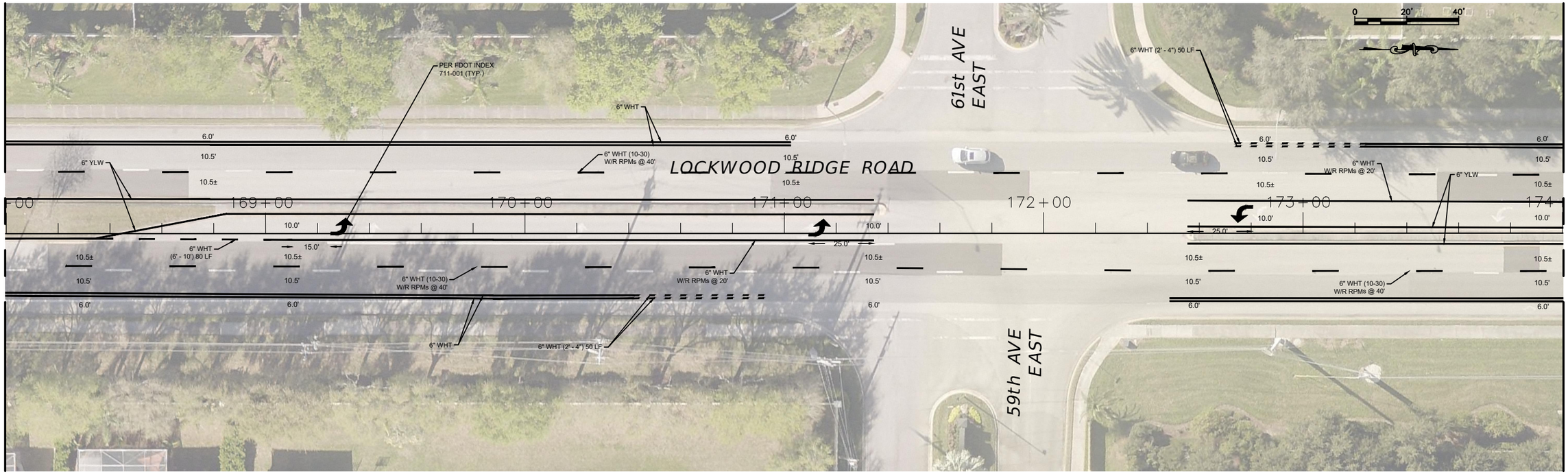

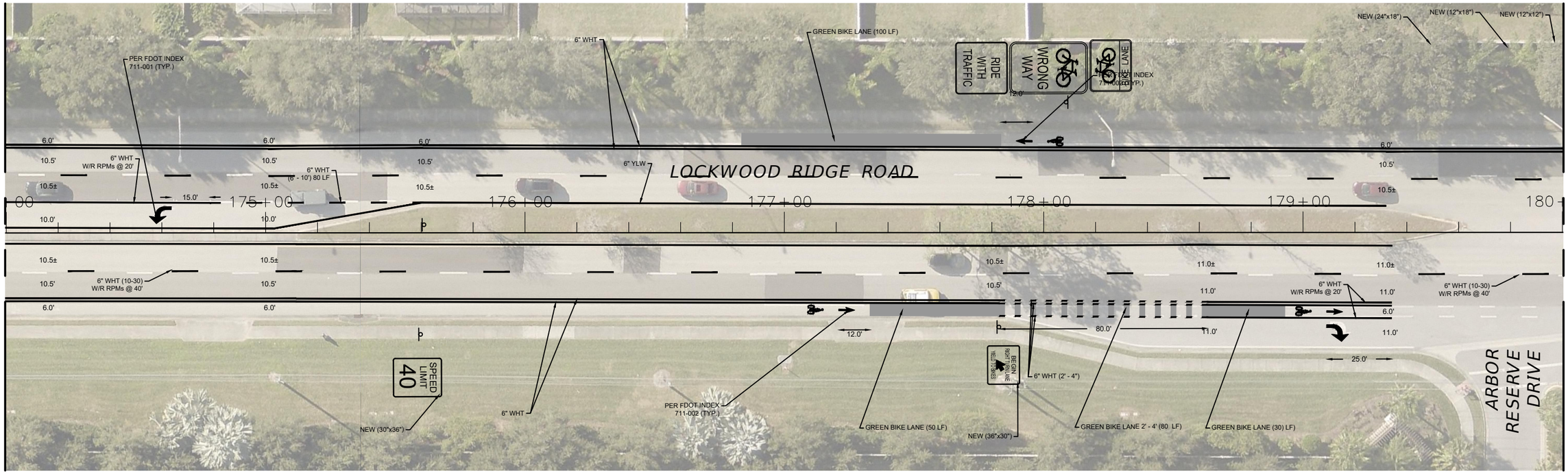

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SHEET NO.
S-18

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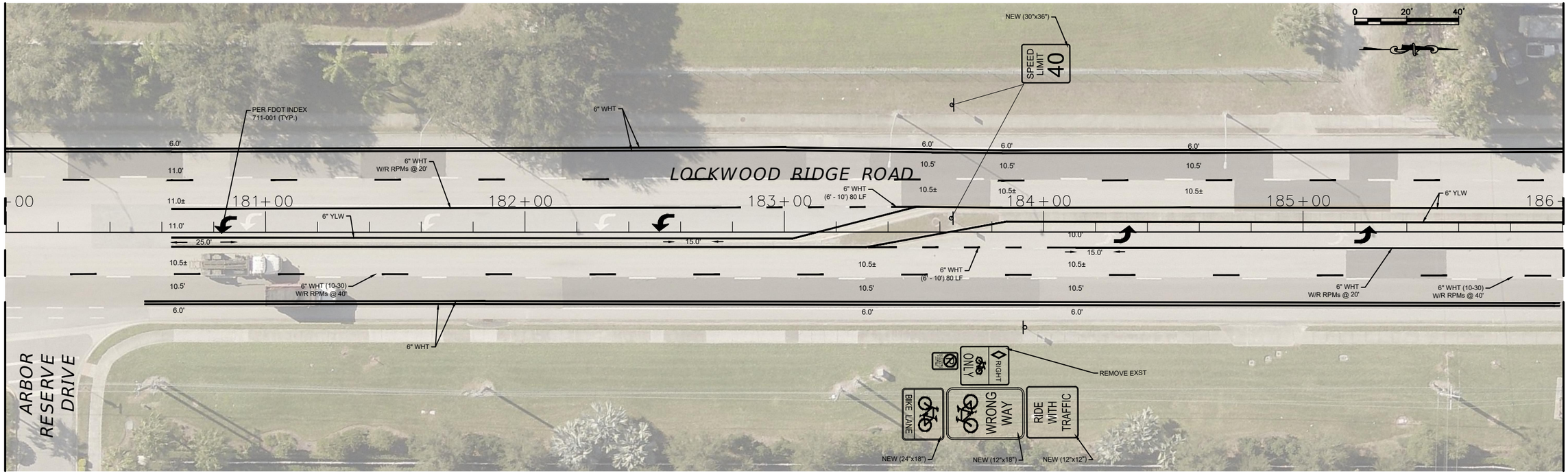

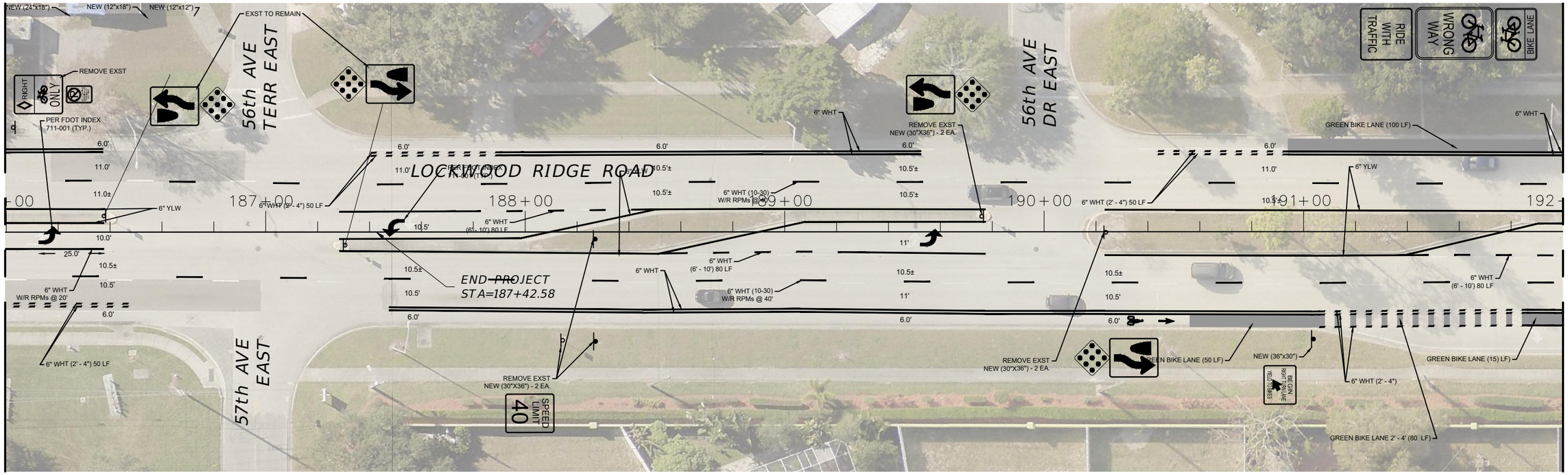

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LOCKWOOD RIDGE ROAD REBASE
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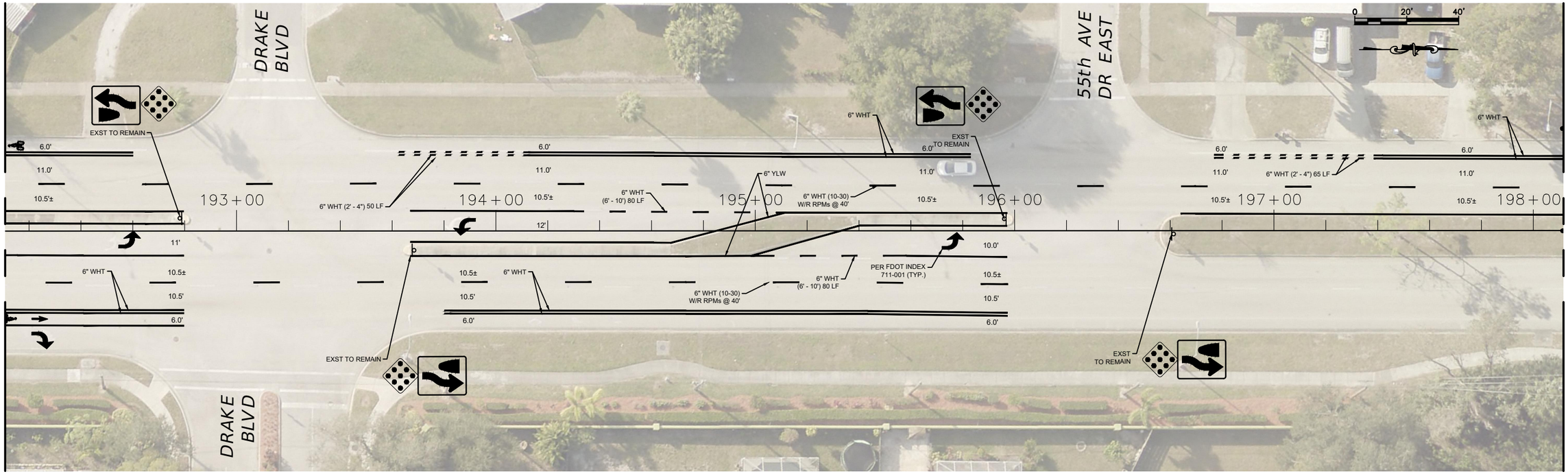
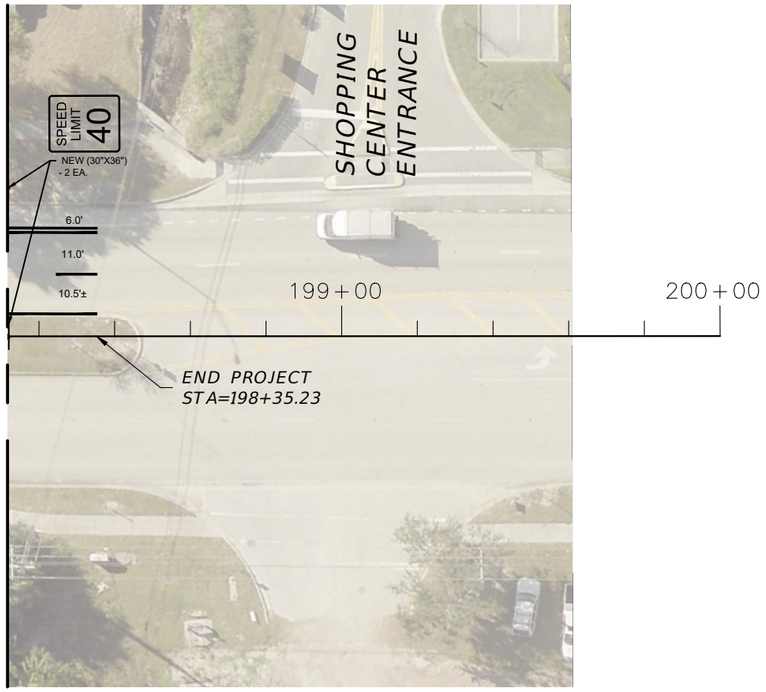
PLAN SHEET

SHEET NO.
S-19





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LOCKWOOD RIDGE ROAD REBASE
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SHEET NO.
S-20

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