

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

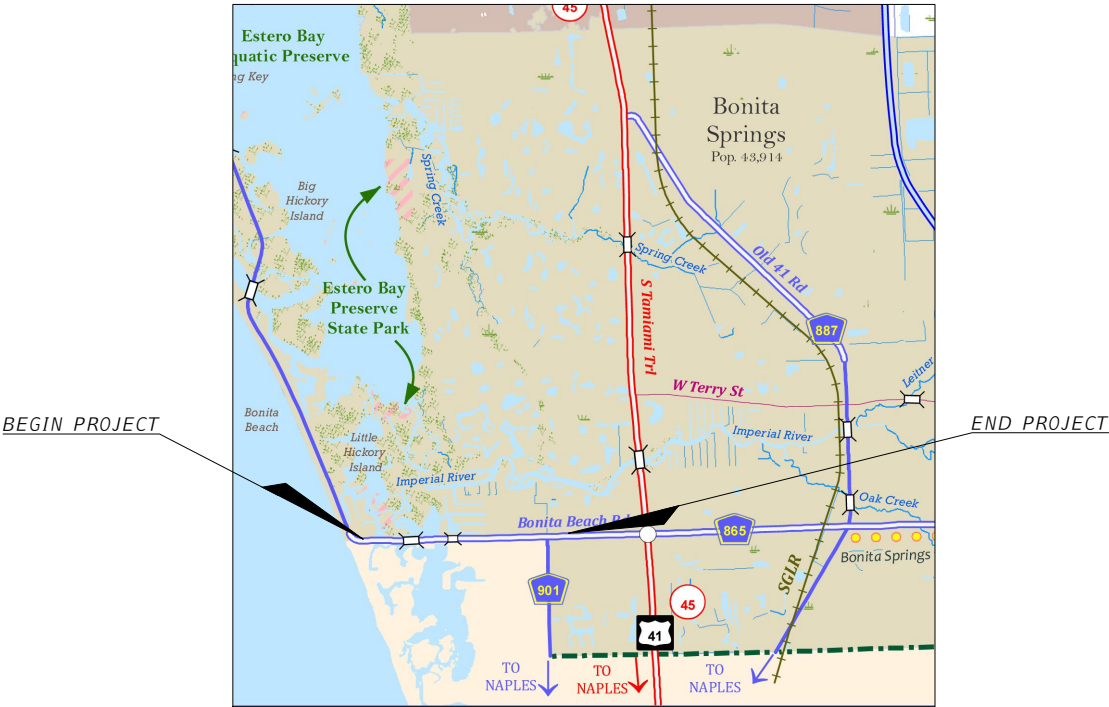
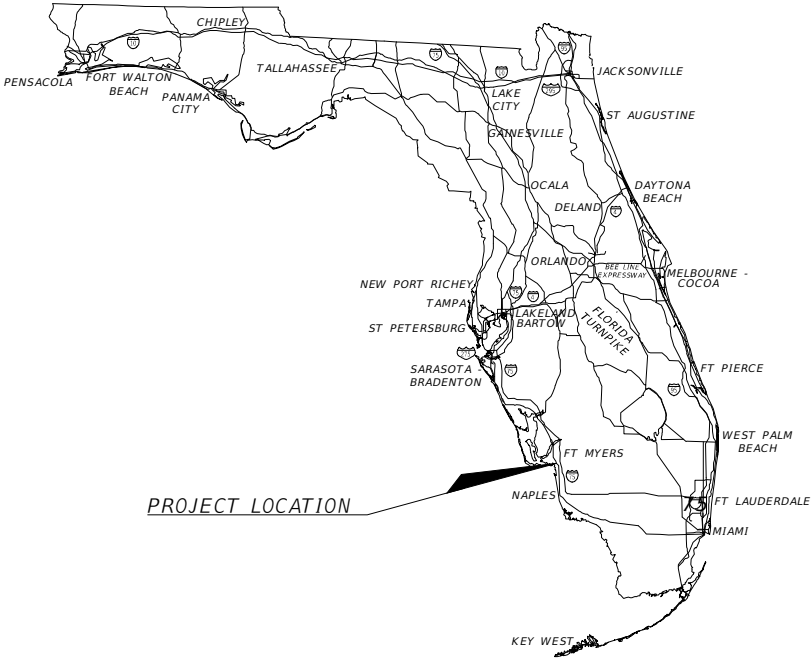
PROJECT ID 23007
LEE COUNTY

3FY2022B

BONITA BEACH ROAD SW
INTERSECTION &
ADA IMPROVEMENTS PLANS

INDEX OF ADA IMPROVEMENT PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PLAN SHEET LAYOUT
3-8	INTERSECTION PLAN
9-14	SIGNING & PAVEMENT MARKING PLAN
15-18	SIGNALIZATION PLAN



PLANS IN COORDINATION WITH
BONITA BEACH RD SW RESURFACING
& PAVEMENT MARKING PLANS
FROM KINGS KEW TO MANGO DR

PROJECT LIMITS
STATION 173+00 TO STATION 240+85

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2022-23 Standard plans for
Road and Bridge Construction and applicable Interim Revisions (Irs).

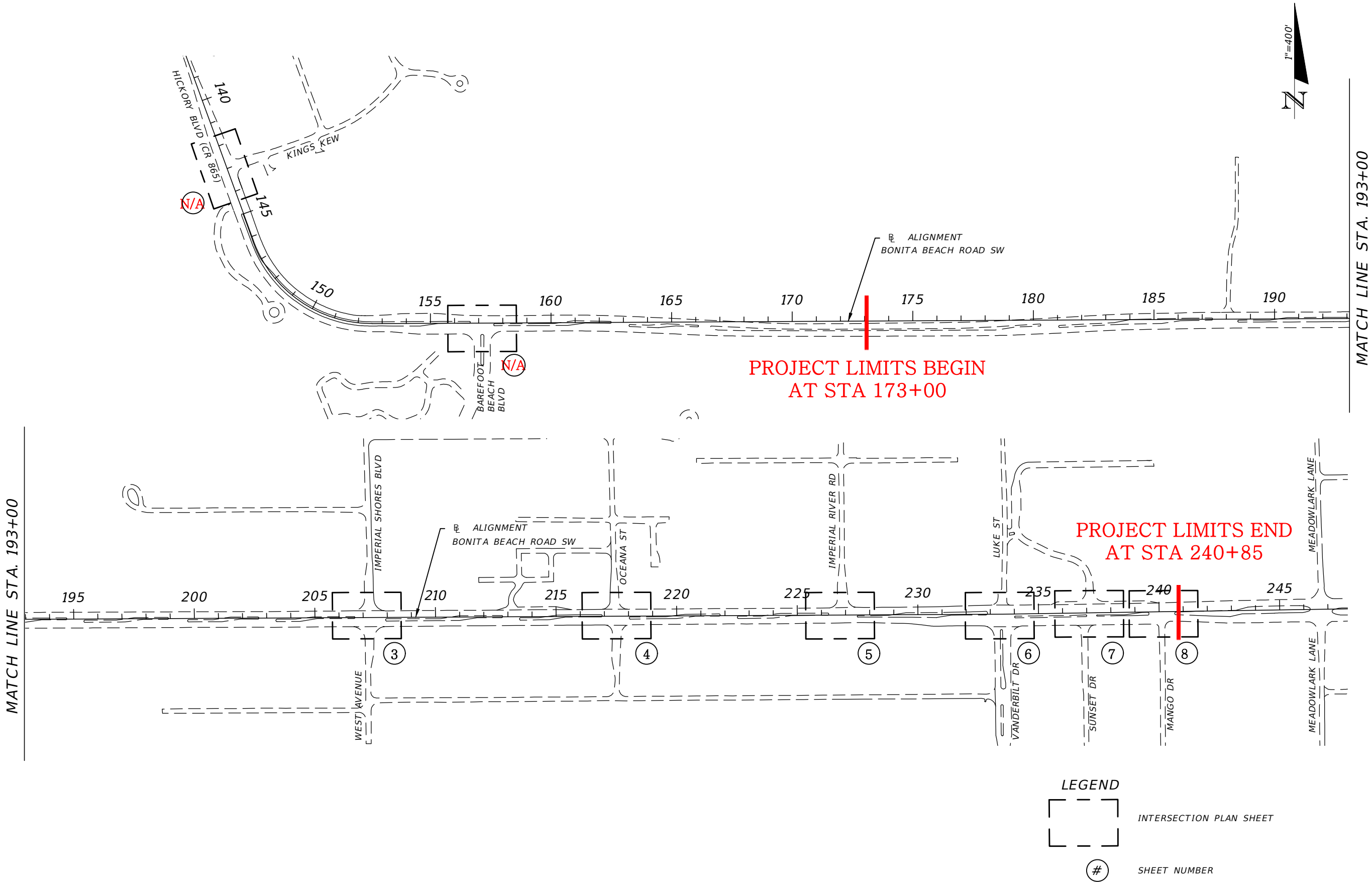
Standard Plans for Road Construction and associated Irs are
available at the following website:
<https://www.fdot.gov/design/standardplans/sprbc.shtm>

APPLICABLE IRs: N/A

Standard Plans for Bridge Construction are included in the
Structures Plans Component.

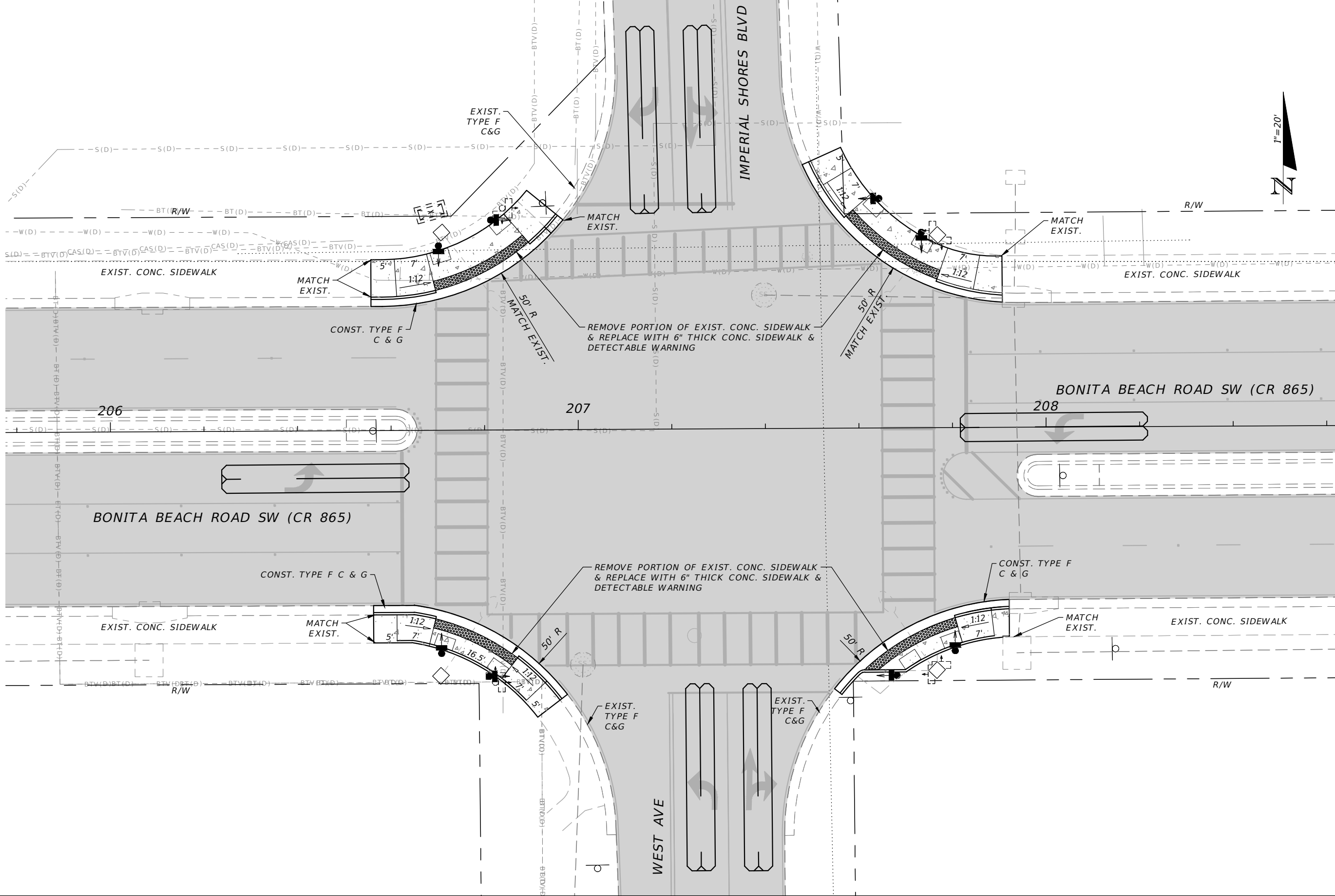
GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, January, 2022 Standard
Specifications for Road and Bridge Construction at the following
website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

FISCAL YEAR	SHEET NO.
2023	1



REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			PLAN SHEET LAYOUT	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION					
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				BONITA BEACH ROAD SW	LEE	23007		
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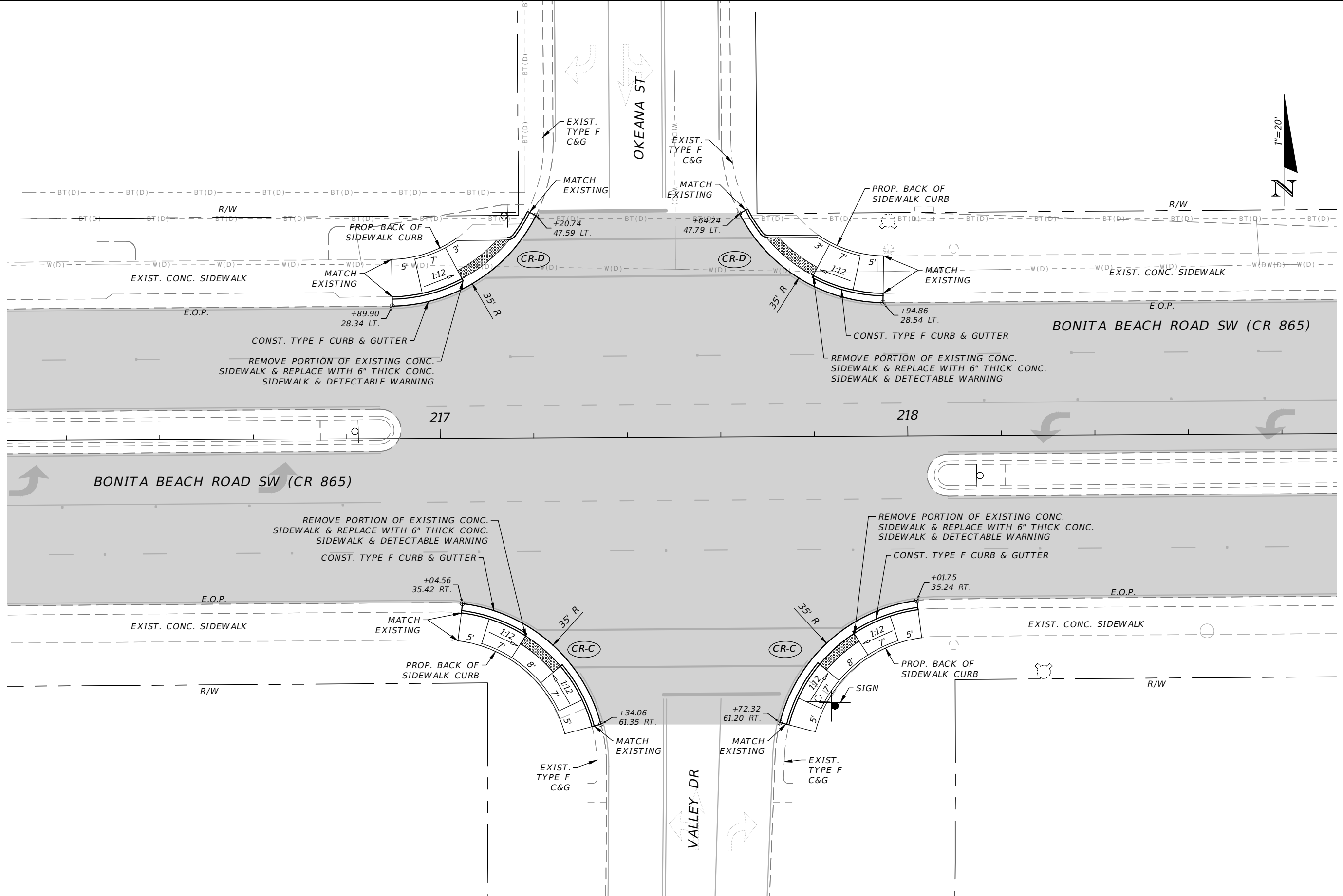
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REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			INTERSECTION PLAN	SHEET NO. 3
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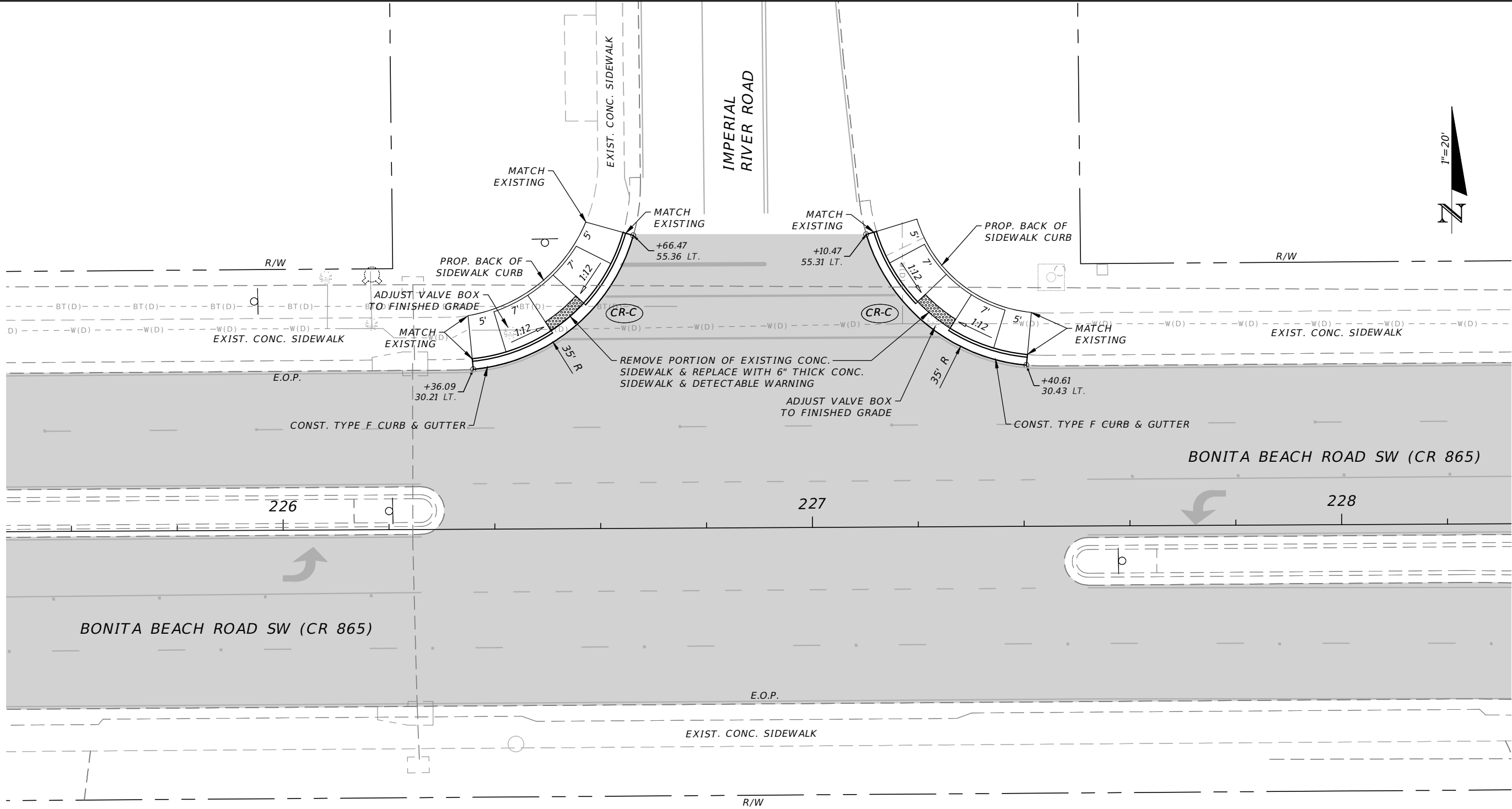
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DATE	DESCRIPTION	DATE	DESCRIPTION					
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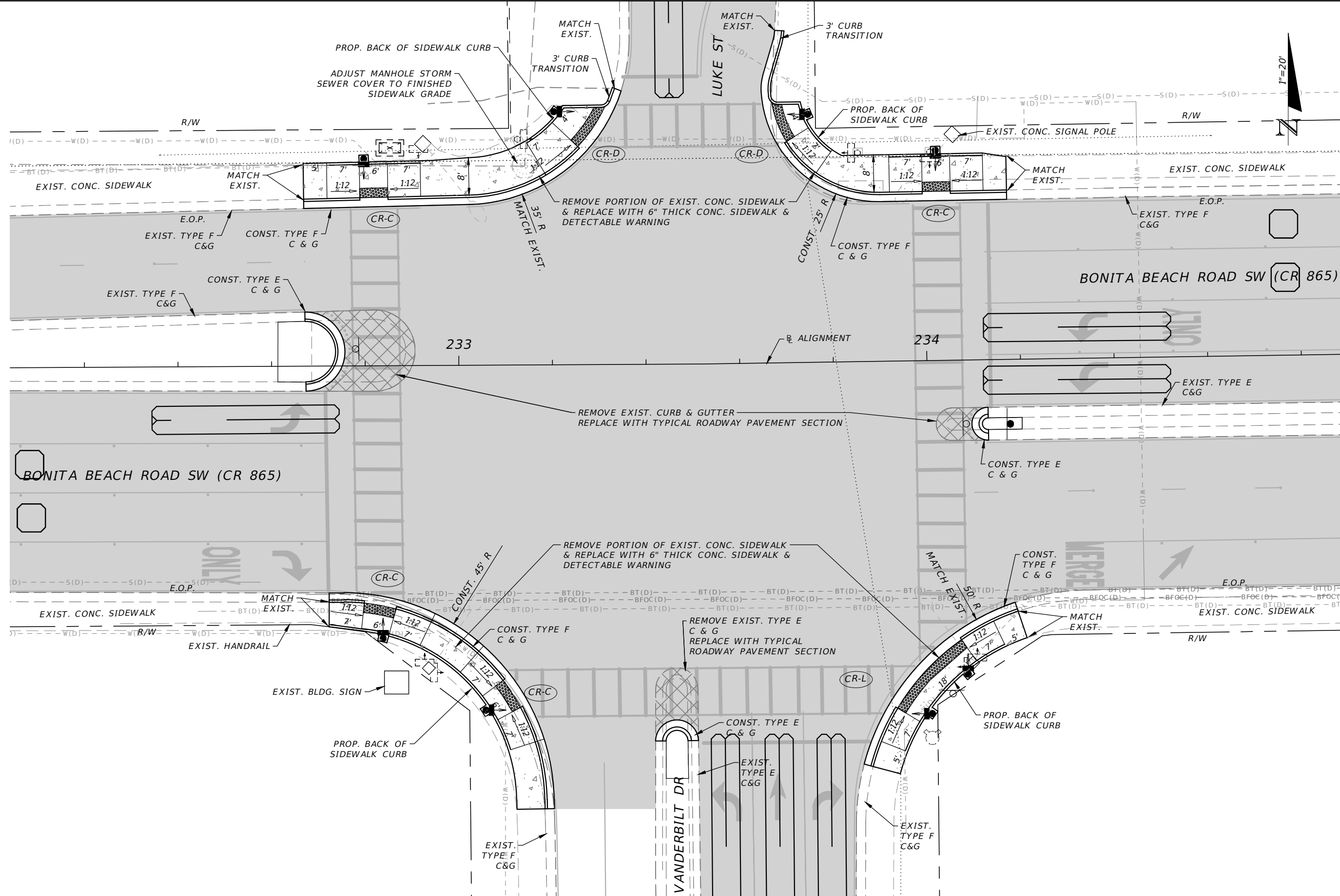
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Gagnon, Victor

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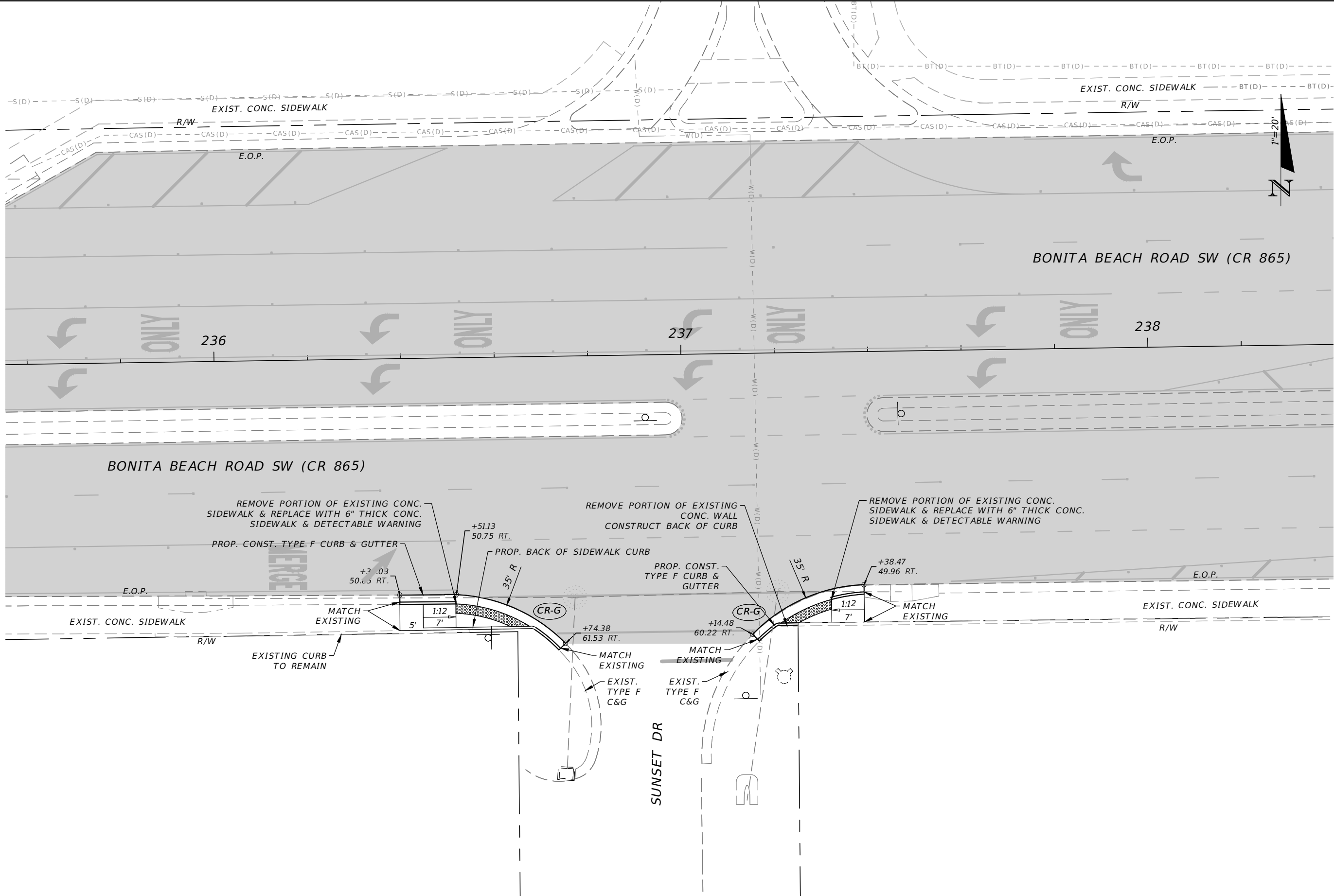
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				BONITA BEACH ROAD SW	LEE	23007		

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

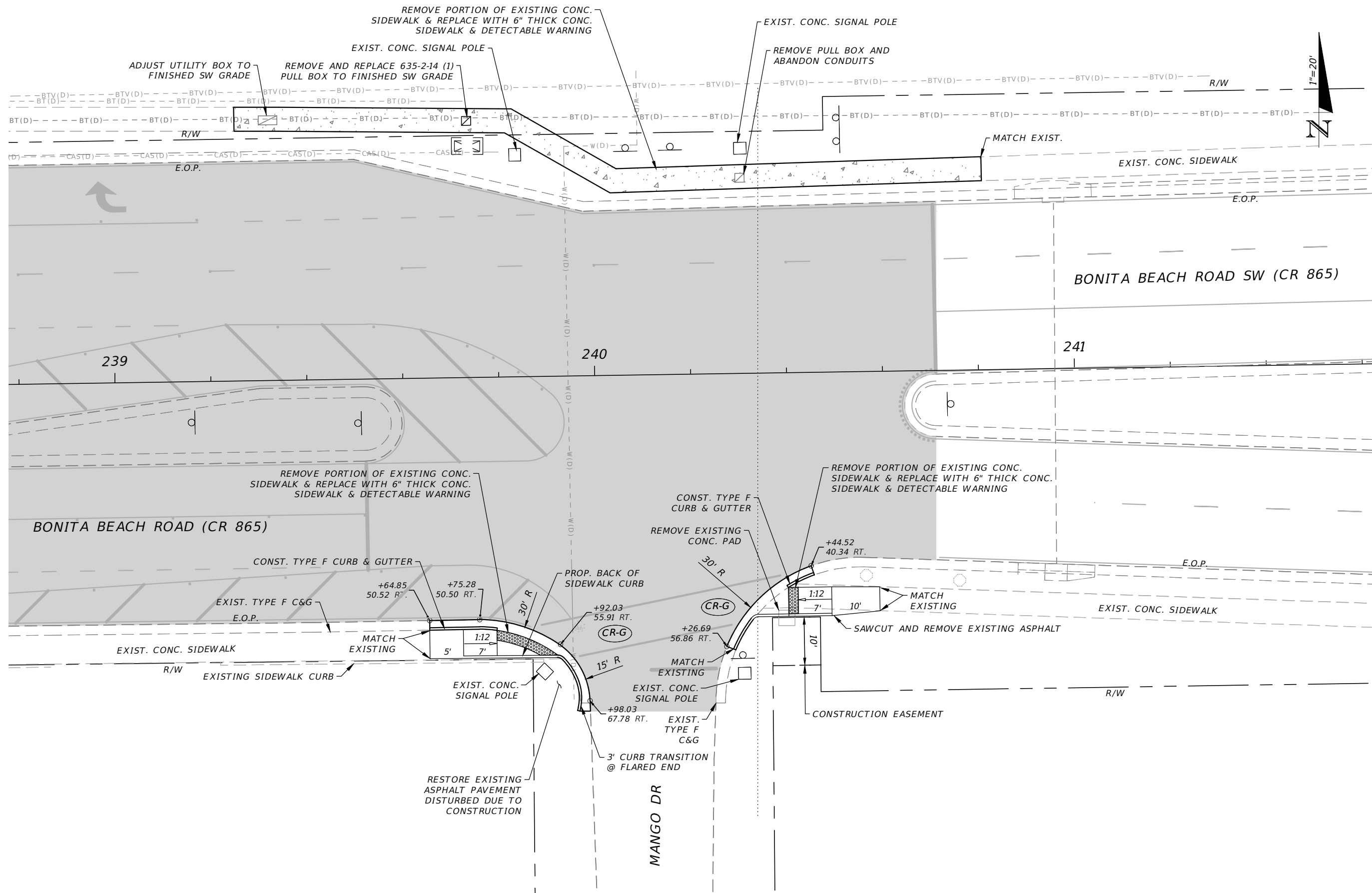
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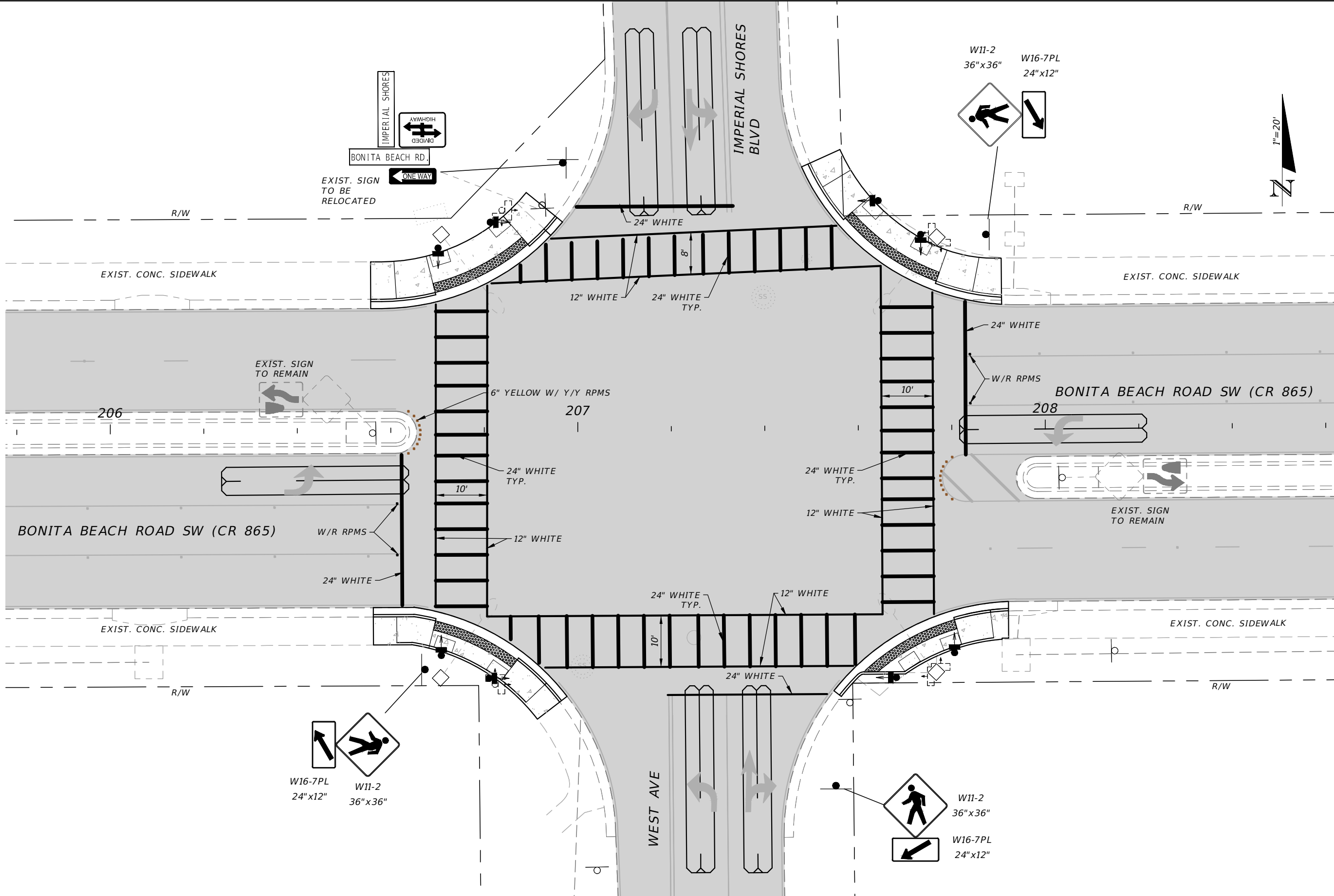
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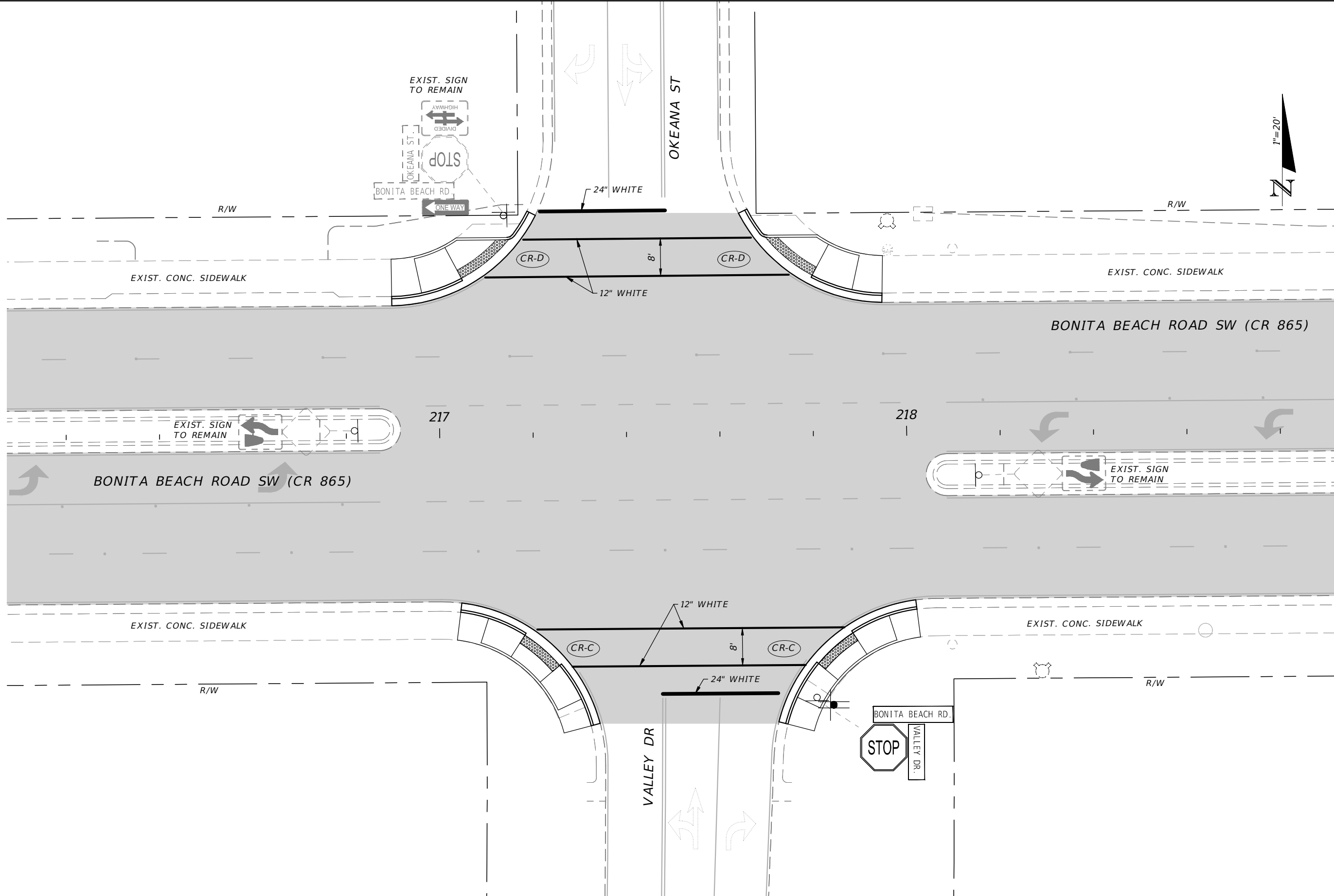


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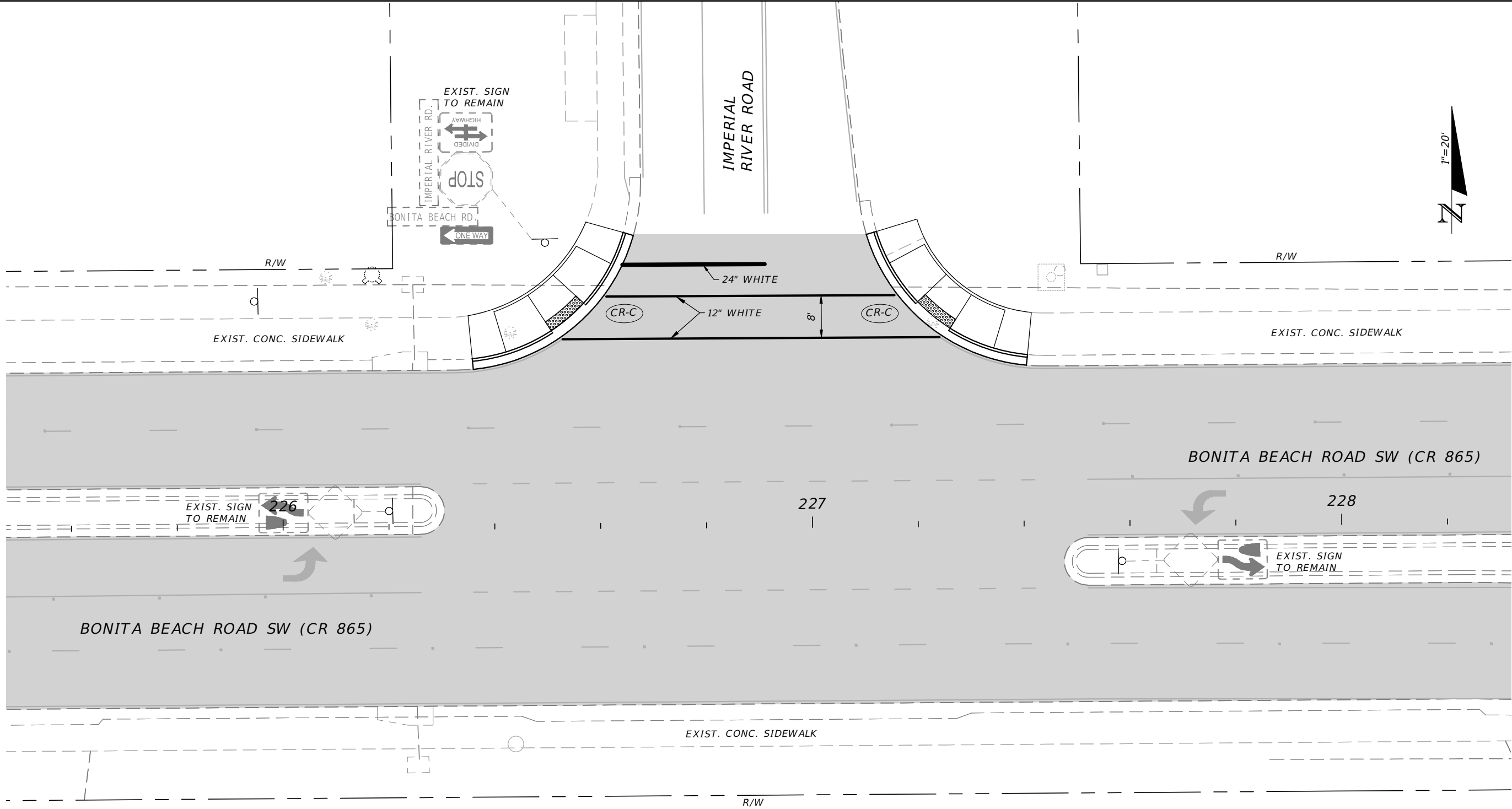
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DATE	DESCRIPTION	DATE	DESCRIPTION					
----				ROAD NAME	COUNTY	PROJECT ID		
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REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLAN	SHEET NO.
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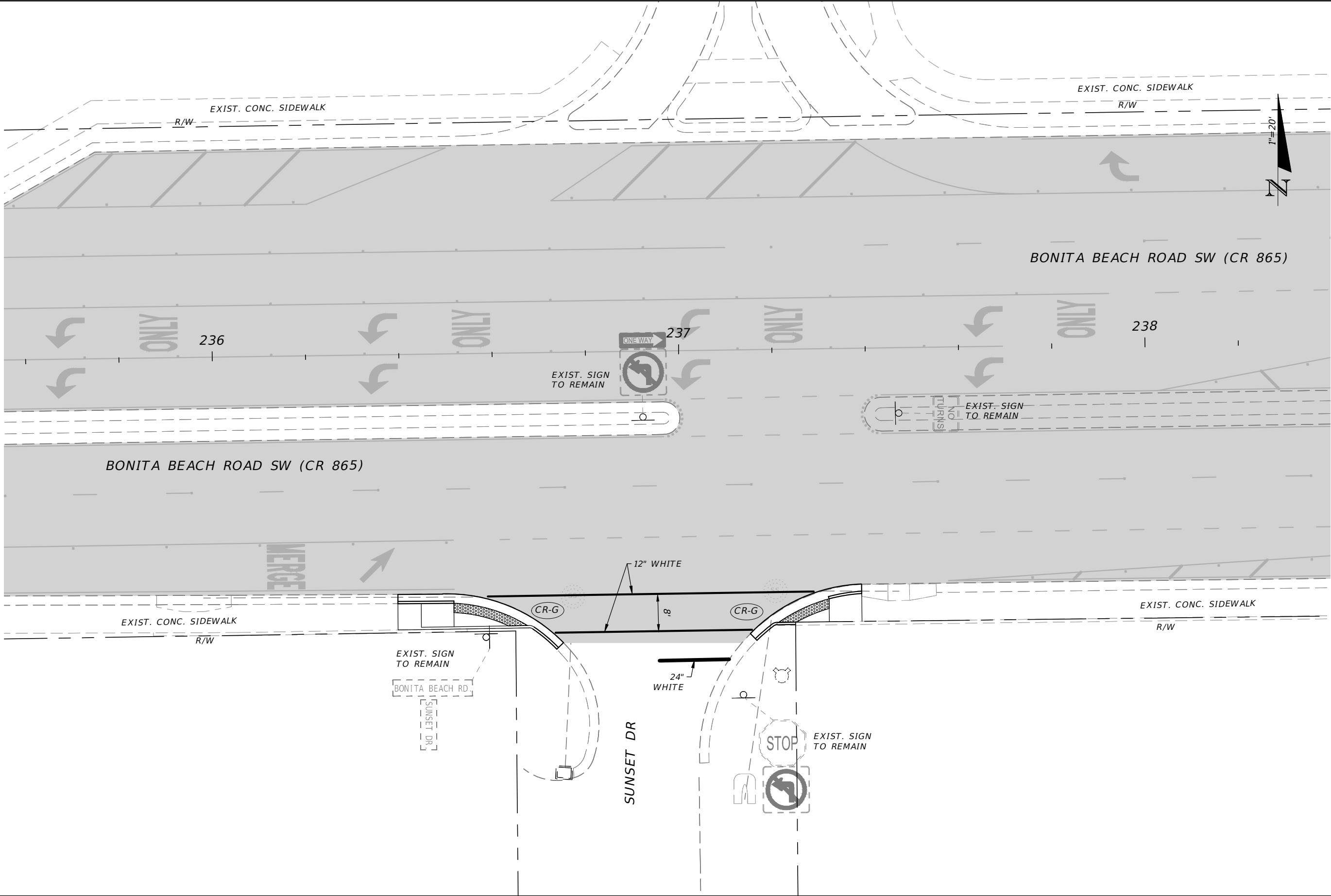
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				BONITA BEACH ROAD SW	LEE	23007		

Gagnon, Victor

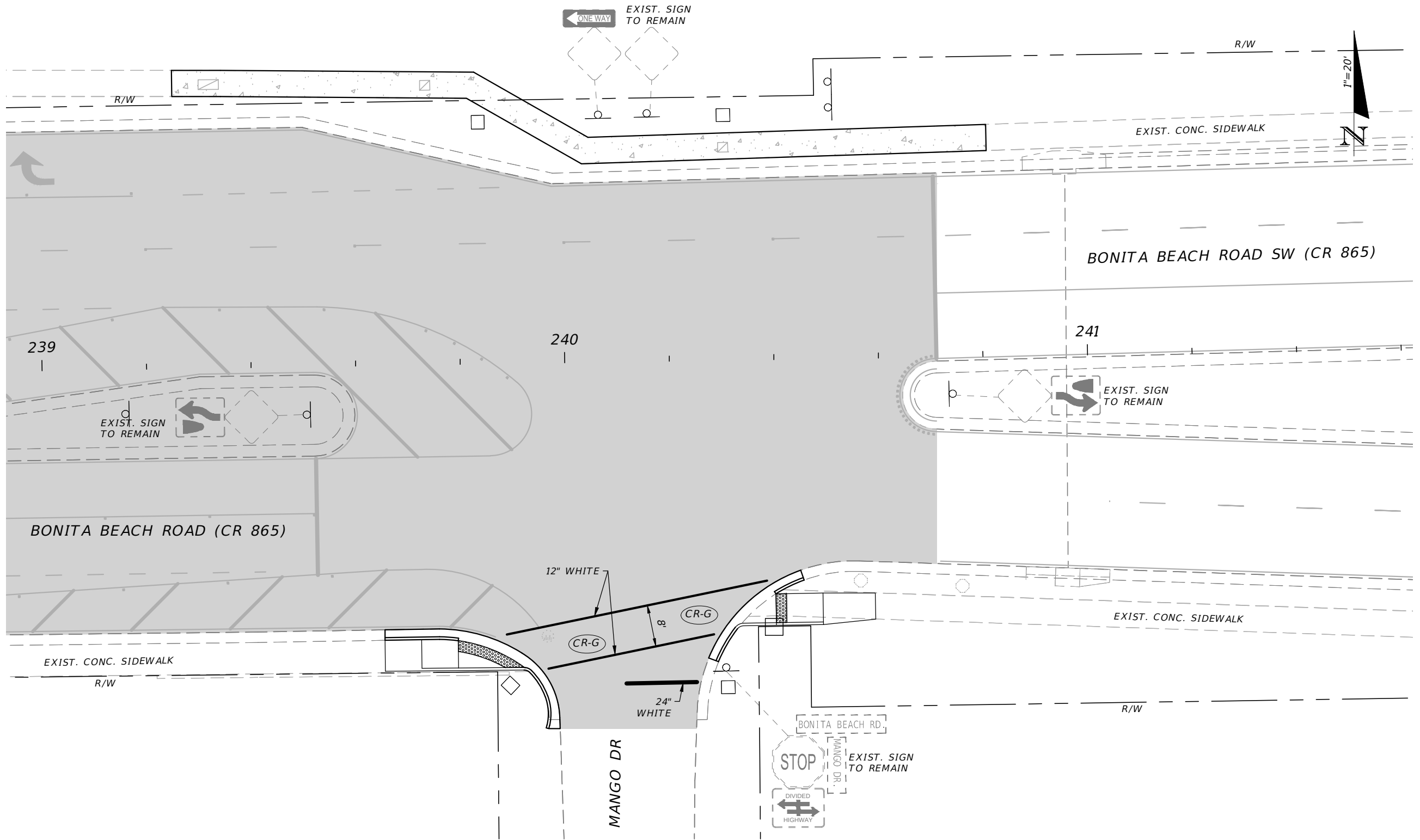
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REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNING & PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
----				BONITA BEACH ROAD SW	LEE	23007		13



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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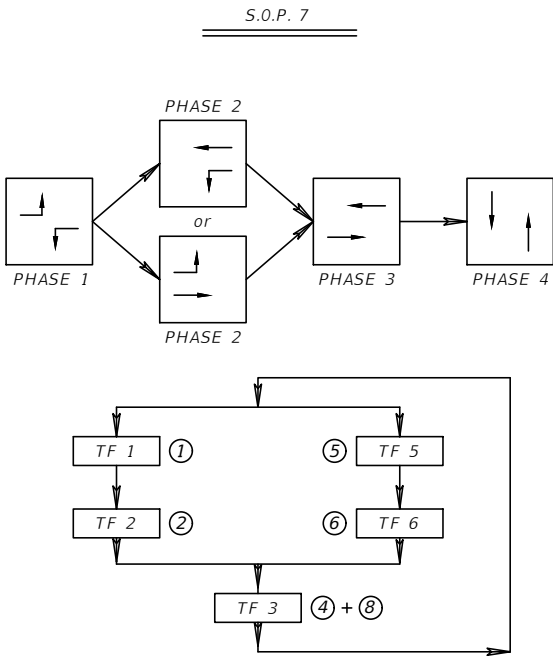
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NAME	COUNTY	PROJECT ID
BONITA BEACH ROAD SW	LEE	23007

SIGNING & PAVEMENT MARKING PLAN	SHEET NO.
	14

SPECIAL SYMBOLOGY

L-#

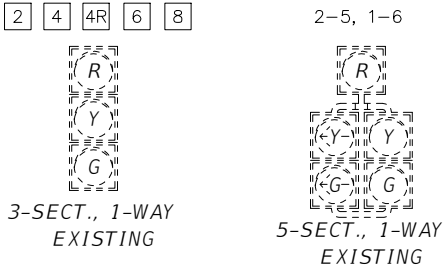
INSTALL NEW TYPE F LOOP
DETECTION ZONE (6'x40')



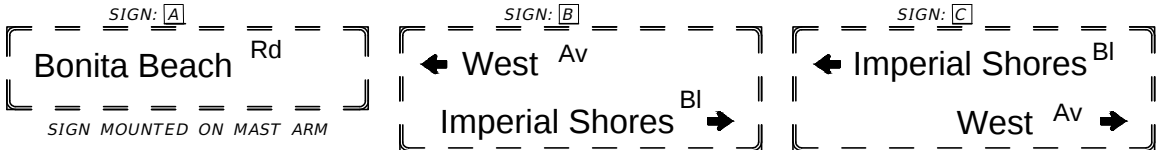
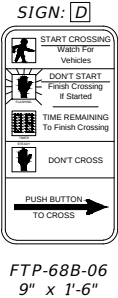
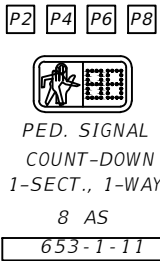
DEFAULT CONTROLLER TIMING PLAN									
MOVEMENT # (CONTROLLER PHASE)		1	2	3	4	5	6	7	8
DIRECTION		E-L	W-T	N	N-T	W-L	E-T	N	S-T
CONTROLLER TIMINGS	MINIMUM GREEN	5	20	0	7	5	20	0	7
	EXTENSION	2.0	3.0	0.0	2.0	2.0	3.0	0.0	2.0
	YELLOW CLEARANCE	4.0	4.8	4.0	4.0	4.0	4.8	4.0	4.0
	ALL RED	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.5
	MAXIMUM GREEN 1	15	55	0	20	15	55	0	20
	MAXIMUM GREEN 2								
	MAX LIMIT								
	ADJUST BY								
	PEDESTRIAN WALK	0	7	0	7	0	7	0	7
	PEDESTRIAN CLEARANCE	0	22	0	24	0	21	0	24
	DETECTOR MEMORY								
	DET. CROSS SWITCH								
	DUAL ENTRY								
RECALL									
FLASHING OPERATION		RED	RED	RED	RED	RED	RED	RED	RED

NOTE: SIGNAL TIMINGS ARE INITIAL AND SHALL REQUIRE FIELD ADJUSTMENTS. CONTRACTOR SHALL COORDINATE WITH LEE COUNTY DEPARTMENT OF TRANSPORTATION FOR SIGNAL TIMINGS.

SIGNAL HEAD DETAILS



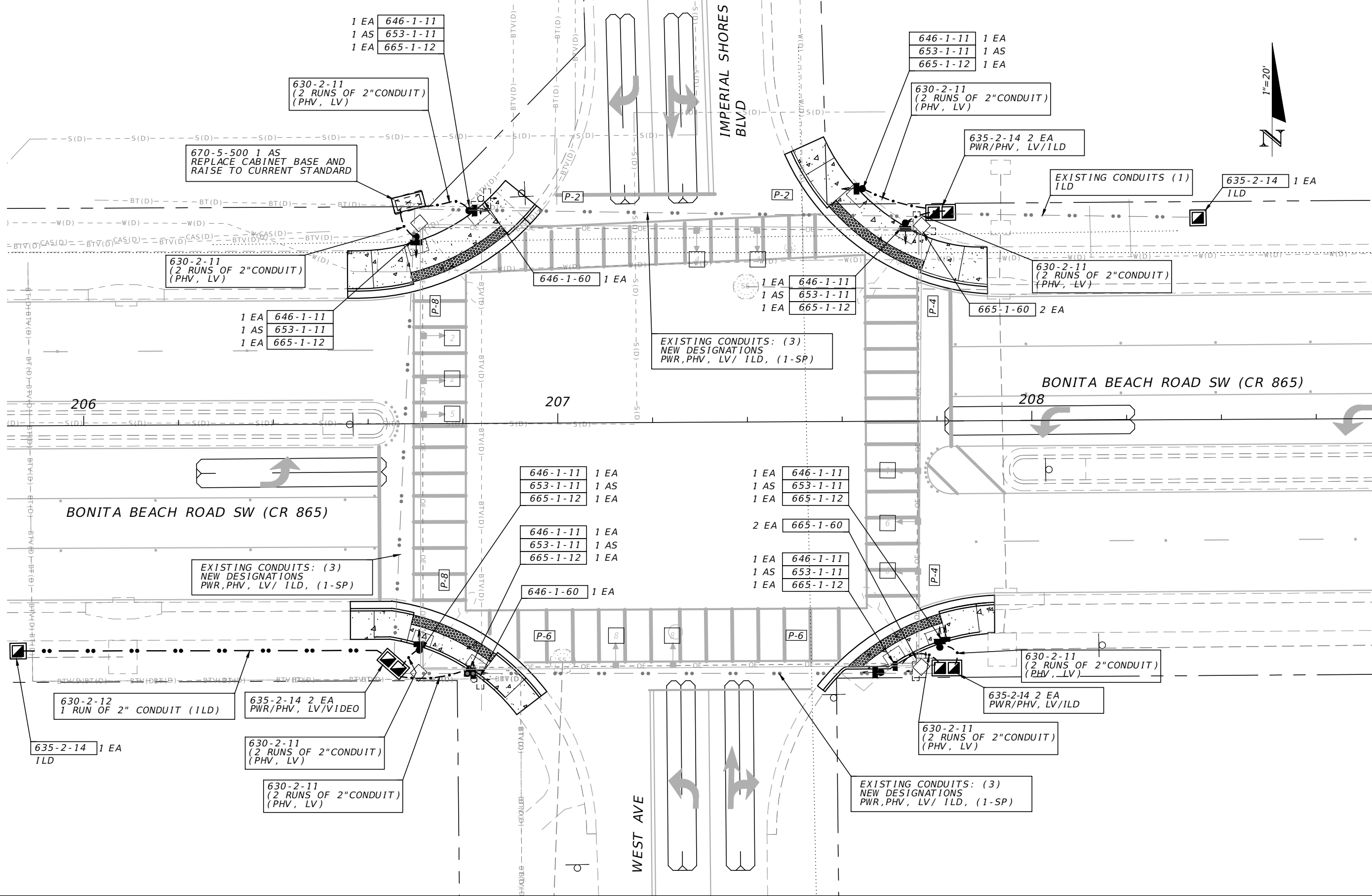
SIGN DETAILS



CONTROLLER NOTES

1. MAJOR STREET IS BONITA BEACH ROAD, MOVEMENTS 2 AND 6.
MINOR STREET IS IMPERIAL SHORES BLVD AND WEST AVE., MOVEMENTS 4 AND 8.

R E V I S I O N S					LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NAME	COUNTY	PROJECT ID		15
----	----				BONITA BEACH ROAD SW	LEE	23007		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NAME	COUNTY	PROJECT ID
BONITA BEACH ROAD SW	LEE	23007

SIGNALIZATION PLAN (4)	

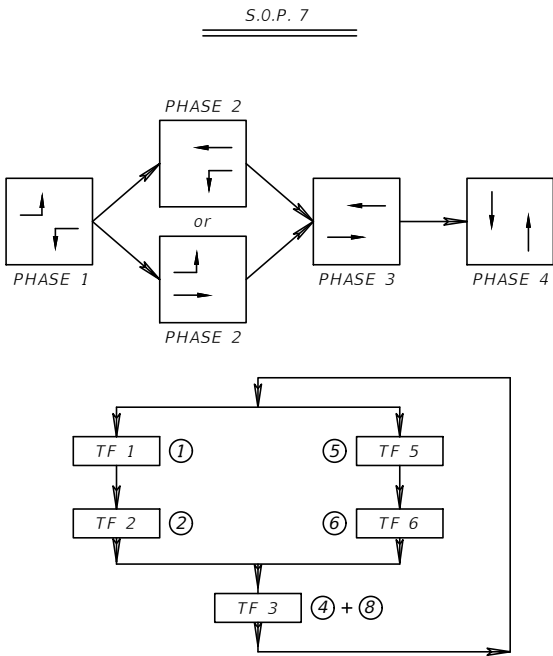
SHEET NO.
16

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SPECIAL SYMBOLOGY

L-#

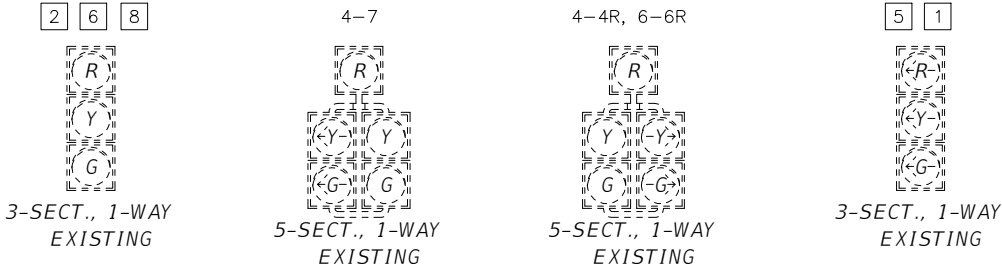
INSTALL NEW TYPE F LOOP
DETECTION ZONE (6'x40')



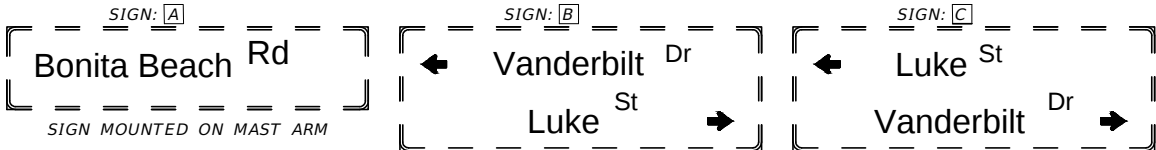
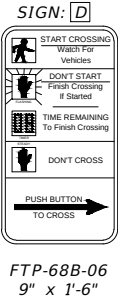
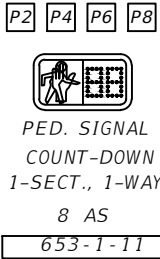
DEFAULT CONTROLLER TIMING PLAN									
MOVEMENT # (CONTROLLER PHASE)		1	2	3	4	5	6	7	8
DIRECTION		E-L	W-TR	N	N-TR	W-L	E-TR	N-L	S-LTR
CONTROLLER TIMINGS	MINIMUM GREEN	5	24	0	7	5	24	5	7
	EXTENSION	2.0	3.0	0.0	3.0	2.0	3.0	3.0	2.0
	YELLOW CLEARANCE	4.0	4.7	4.0	4.0	4.7	4.7	4.0	4.0
	ALL RED	2.0	2.0	2.0	2.5	2.0	2.0	2.5	2.5
	MAXIMUM GREEN 1	7	75	0	20	30	75	25	15
	MAXIMUM GREEN 2								
	MAX LIMIT								
	ADJUST BY								
	PEDESTRIAN WALK	0	7	0	7	0	7	0	7
	PEDESTRIAN CLEARANCE	0	15	0	29	0	29	0	27
	DETECTOR MEMORY								
	DET. CROSS SWITCH								
	DUAL ENTRY								
	RECALL								
	FLASHING OPERATION	RED	RED	RED	RED	RED	RED	RED	RED

NOTE: SIGNAL TIMINGS ARE INITIAL AND SHALL REQUIRE FIELD ADJUSTMENTS. CONTRACTOR SHALL COORDINATE WITH LEE COUNTY DEPARTMENT OF TRANSPORTATION FOR SIGNAL TIMINGS.

SIGNAL HEAD DETAILS



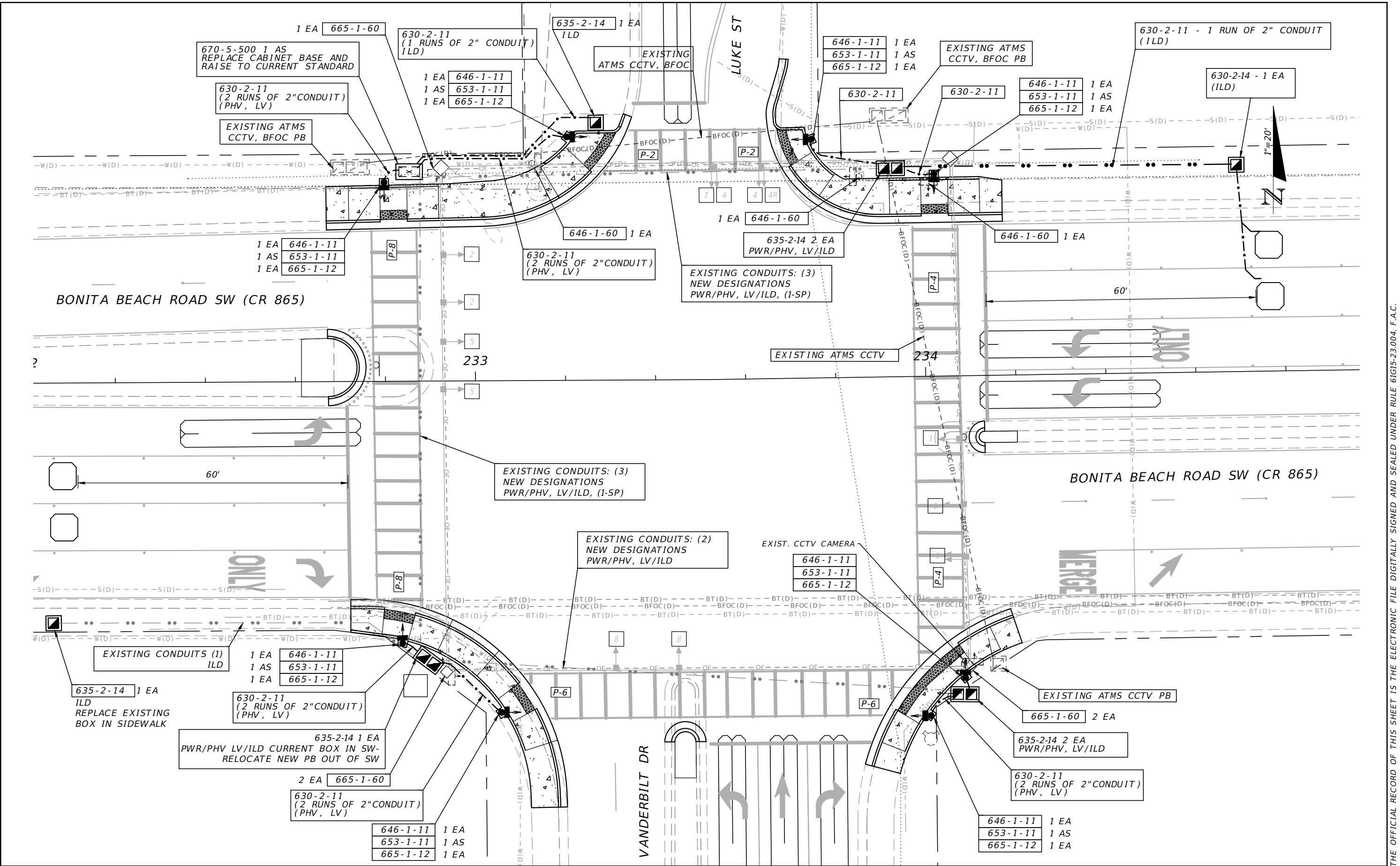
SIGN DETAILS



CONTROLLER NOTES

- MAJOR STREET IS BONITA BEACH ROAD, MOVEMENTS 2 AND 6.
MINOR STREETS ARE VANDERBILT DR. AND LUKE ST., MOVEMENTS 4 AND 8.
- PHASE 6 IS CONTROLLED BY THE FOLLOWING:
 - PHASE 6 TO BE CONTROLLED BY PRE-EMPTION (PUSH BUTTON IN FIRE STATION ON MANGO DR).
 - TRAFFIC ON LUKE STREET, VANDERBILT BEACH DRIVE, AND EASTBOUND BONITA BEACH ROAD TO BE RED.
 - TRAFFIC ON WESTBOUND BONITA BEACH ROAD TO BE GREEN.

REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
----	----	----	----	BONITA BEACH ROAD SW	LEE	23007		
Gagnon, Victor 5/19/2023 11:34:21 AM L:\Design Projects\2023\23007 Bonita Beach Rd fm Kings Kew to Mango\ADA Intersect Improv\PLANS\G01.dwg							17	



REVISIONS				LEE COUNTY DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN (6)	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NAME	COUNTY	PROJECT ID		
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