

APPENDIX A

Concept Plans

CONTRACT PLANS COMPONENTS
ROADWAY PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROADWAY PLANS

FINANCIAL PROJECT ID 452074-2-22-01

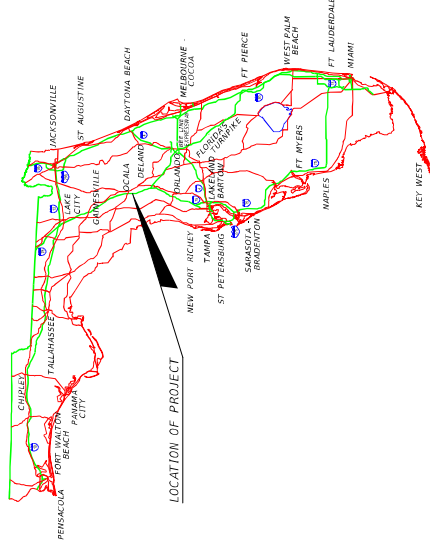
SUMTER COUNTY (18130)
MARION COUNTY (36210)

STATE ROAD NO. SR 93 (1-75)

ADD AUXILIARY LANES FROM SOUTH OF SR 44 TO SOUTH OF SR 200

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 5	PROJECT LAYOUT
6 - 48	CONCEPT PLANS



LOCATION OF PROJECT

PROJECT LOCATION URL: <https://tmyurl.com/jcv95jmg>

PROJECT LIMITS:

SUMTER	BEGIN MP 21.788
	END MP 28.996
MARION	BEGIN MP 0.000
	END MP 14.200

EXCEPTIONS:

(360001 & 360045)	BEGIN MP 4.970
	END MP 4.999

BRIDGE LIMITS:

(180069)	BEGIN MP 22.607
	END MP 22.668
(180070)	BEGIN MP 22.607
	END MP 22.661
(180047)	BEGIN MP 21.803
	END MP 21.189
(180048)	BEGIN MP 26.841
	END MP 26.847
(369001)	BEGIN MP 6.944
	END MP 6.954
(360048)	BEGIN MP 11.937
	END MP 11.937
(365302)	BEGIN MP 13.420
	END MP 13.433
(360063)	BEGIN MP 13.945
	END MP 13.991

RAILROAD CROSSING: NONE

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

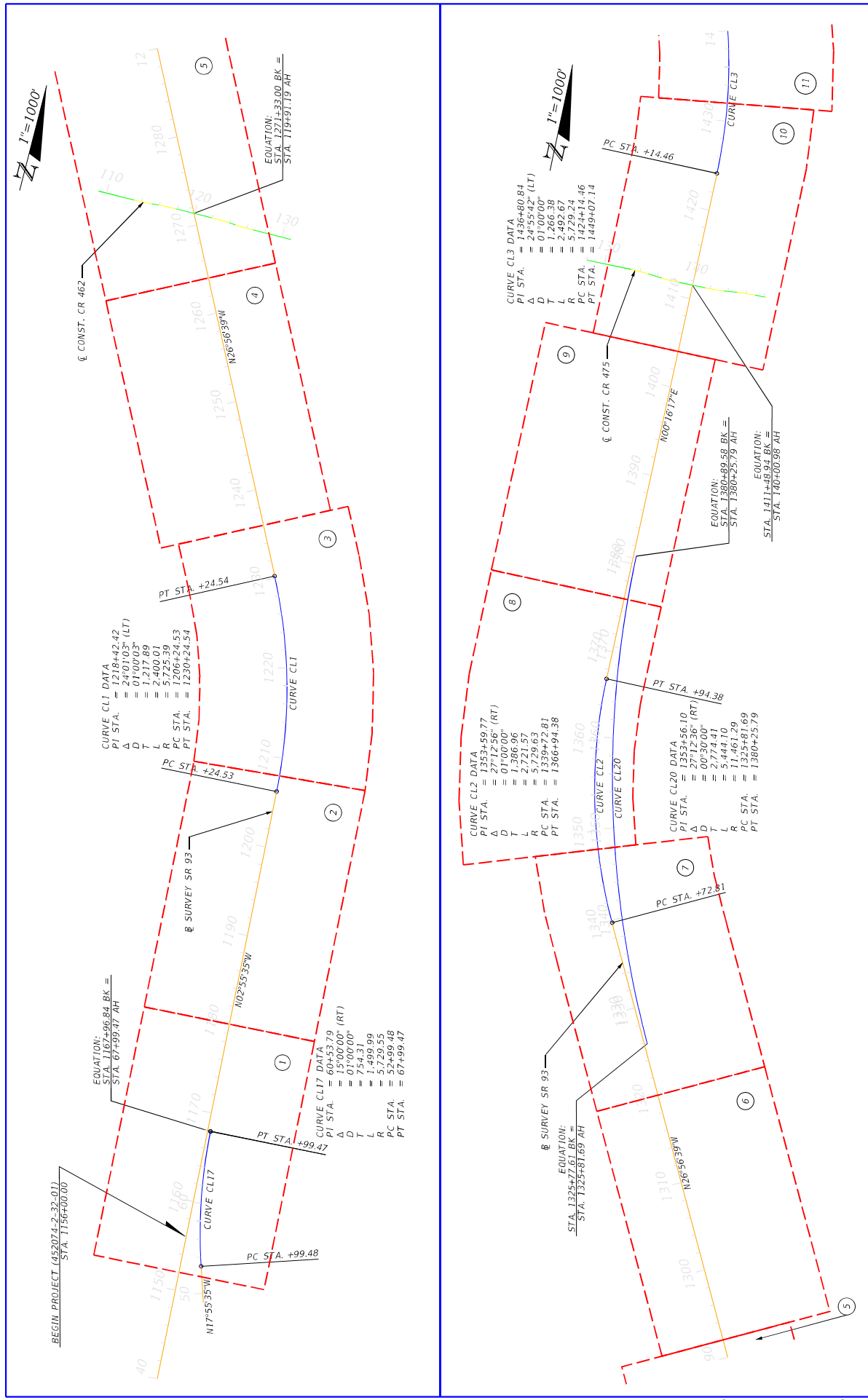
Florida Department of Transportation, January 2024 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS
ENGINEER OF RECORD:

SCOTT GOLDEN, PE.
P.E. LICENSE NUMBER
VOLKERT INC.
719 SOUTH WOODLAND BOULEVARD
DELAND, FL, 32720

FDOT PROJECT MANAGER:
STEVEN C. BUCK, PE.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	24	1



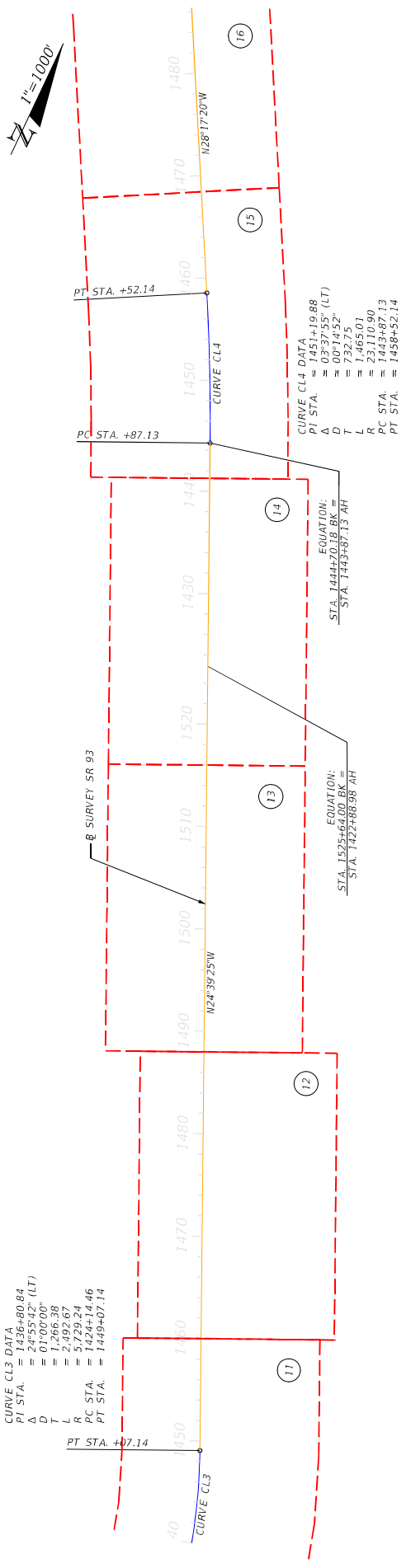
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

SR 93		STATE OF FLORIDA	
		DEPARTMENT OF TRANSPORTATION	
ROAD NO.		COUNTY	FINANCIAL PROJECT ID
SR 93		MARION	452074-2-22-01
SURVEY SR 93		SUMTER	

PROJECT LAYOUT (1)		SHEET NO.
		2

VOLKERT

CURVE CL3 DATA
 PI STA. = 1436+80.84
 Δ = 24°55'42" (LT)
 D = 1266.38
 T = 2492.67
 L = 5729.24
 R PC STA. = 1424+14.46
 PT STA. = 1449+07.14

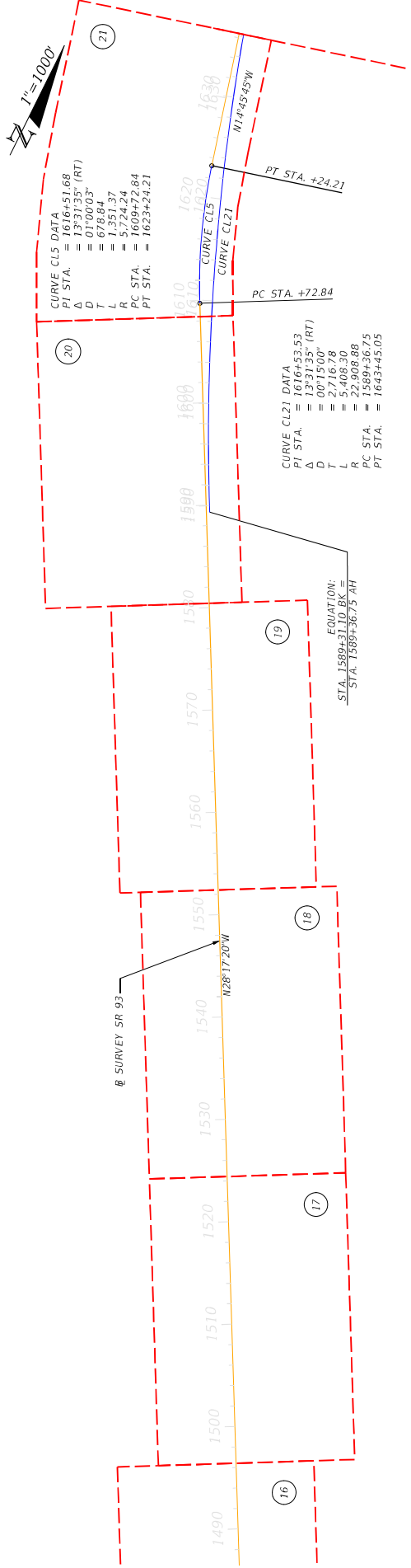


CURVE CL4 DATA
 PI STA. = 1451+19.88
 Δ = 03°37'55" (LT)
 D = 00714.52"
 T = 7365.01
 L = 23110.90
 R PC STA. = 1443+87.13
 PT STA. = 1458+52.14

EQUATION:
 STA. 1444+37.35 BK =
 STA. 1443+87.13 AH

EQUATION:
 STA. 1525+64.00 BK =
 STA. 1422+88.98 AH

CURVE CL5 DATA
 PI STA. = 1616+51.68
 Δ = 13°31'35" (RT)
 D = 0700.03"
 T = 1351.37
 L = 5724.24
 R PC STA. = 1609+72.84
 PT STA. = 1623+24.21



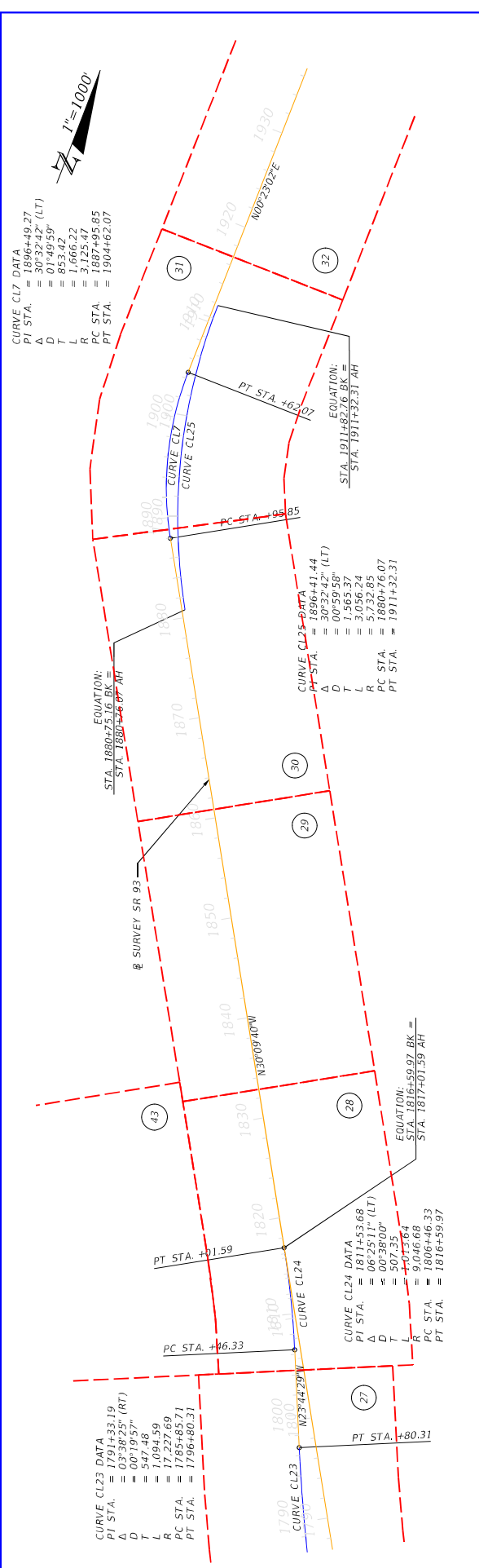
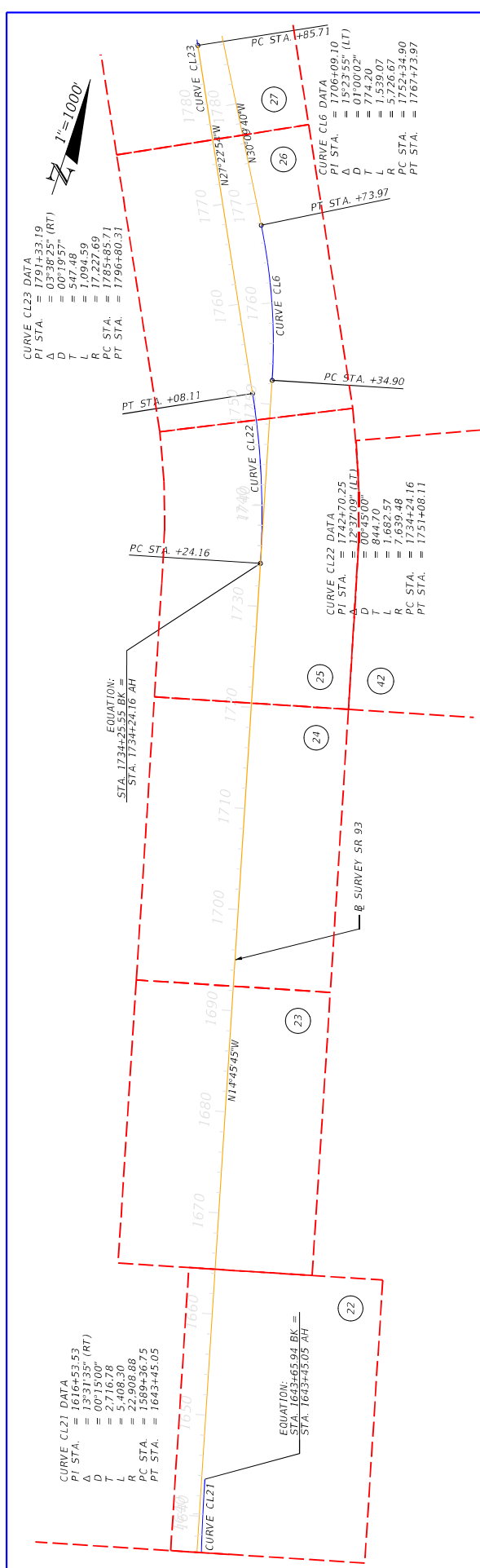
CURVE CL21 DATA
 PI STA. = 1616+53.53
 Δ = 13°31'35" (RT)
 D = 00715.00"
 T = 2716.78
 L = 5408.30
 R PC STA. = 1589+36.75
 PT STA. = 1643+45.05

EQUATION:
 STA. 1589+31.10 BK =
 STA. 1589+36.75 AH

REVISIONS		DESCRIPTION	
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
SR 93	MARION	452074-2-22-01	
		SUMTER	

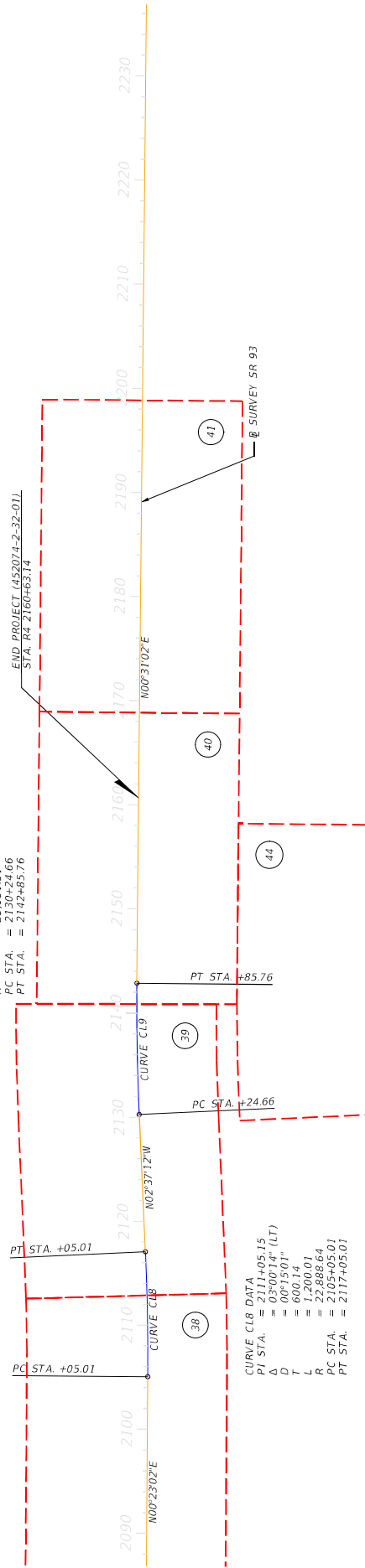
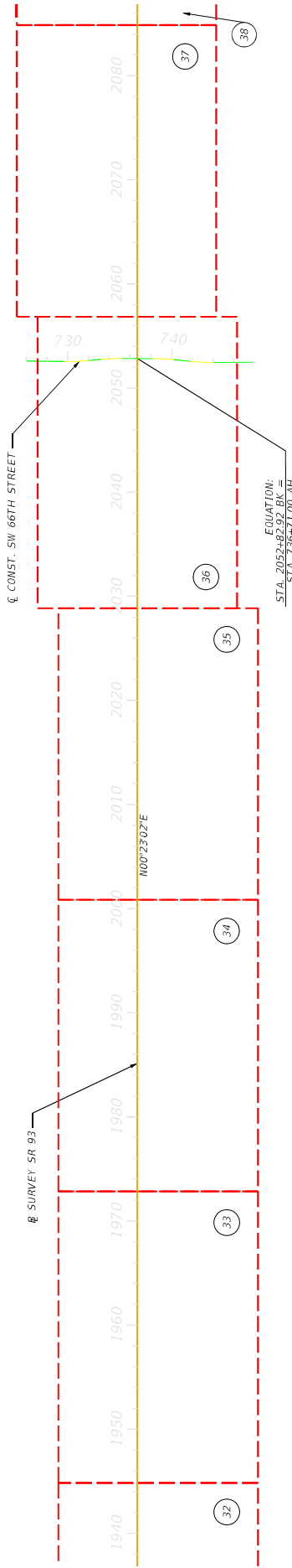
VOLKERT		PROJECT LAYOUT (2)	
		SHEET NO. 3	



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
SR 93	COUNTY	FINANCIAL PROJECT ID	452074-2-22-01
	MARION		
	SUMTER		

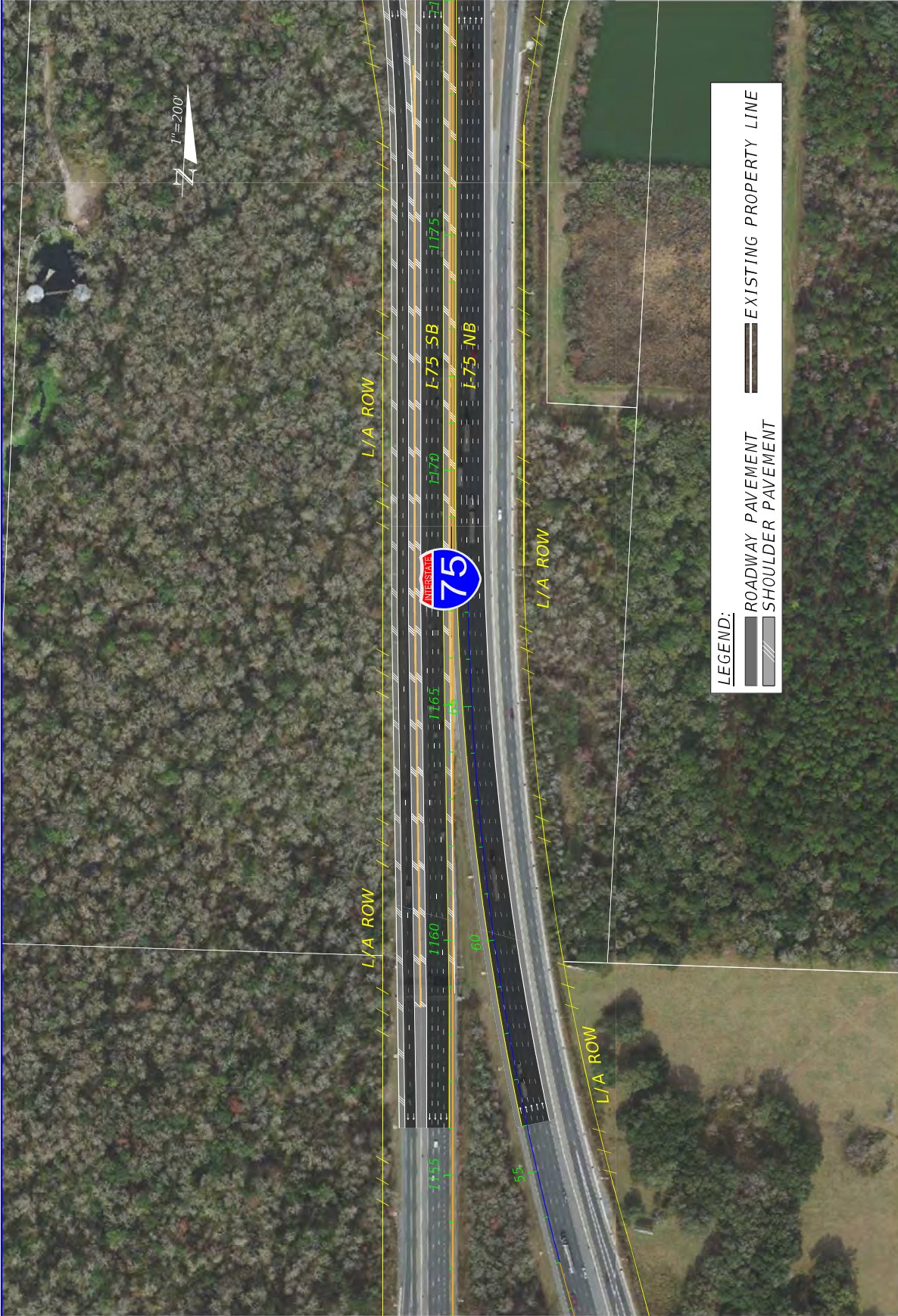
PROJECT LAYOUT (3)	
SHEET NO.	4



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
SR 93	MARION	452074-2-22-01	
SURVEY SR 93		PROJECT LAYOUT (4)	

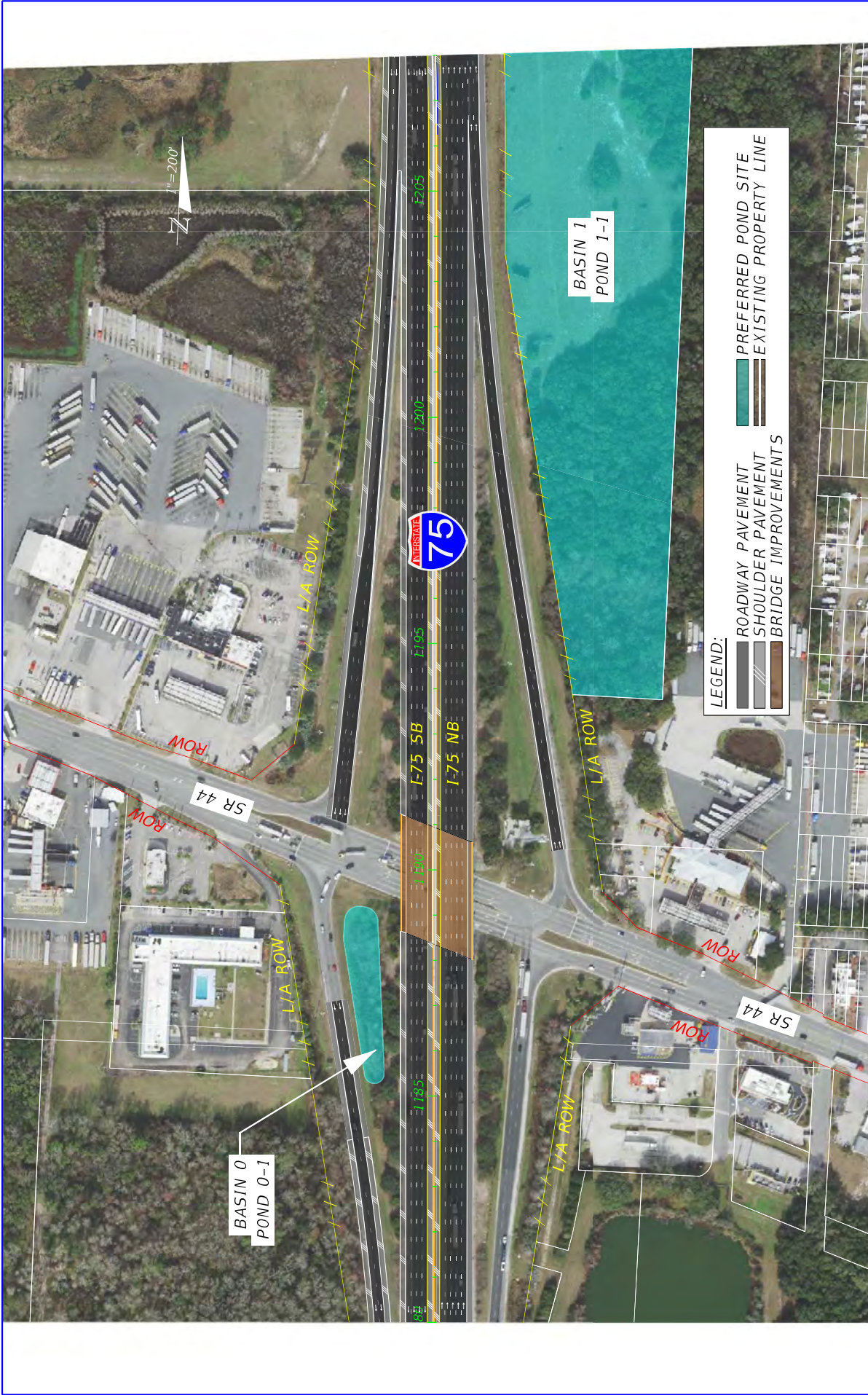
SHEET NO.	5
-----------	---



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID	
		MARION COUNTY	452074-2-22-01
SR 93	MARION COUNTY SUMNER		

VOLKERT		CONCEPT PLAN (1)	
		SHEET NO. 6	



DATE	DESCRIPTION	DATE	DESCRIPTION

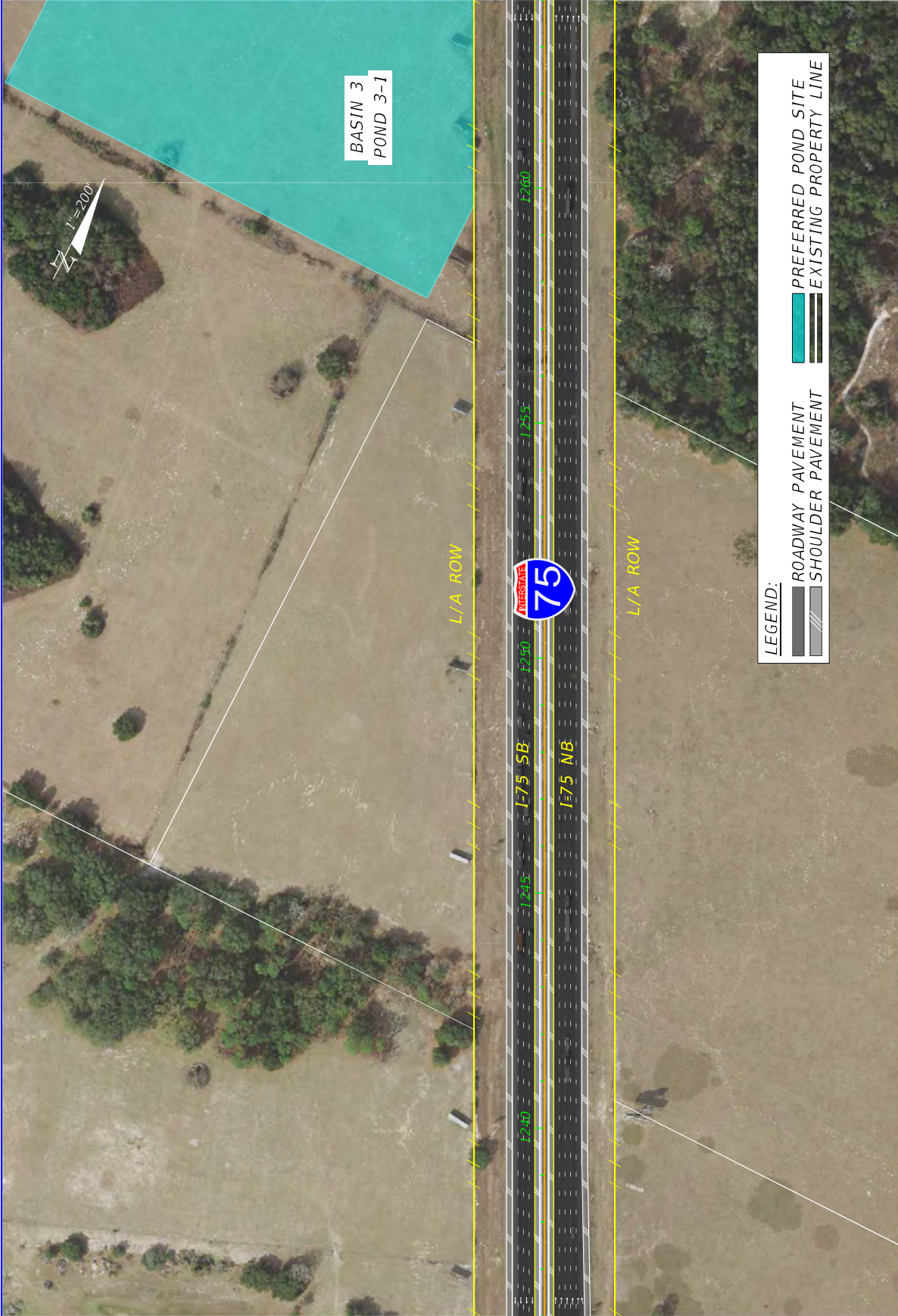
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. SR 93 COUNTY MARION FINANCIAL PROJECT ID 452074-2-22-01	
CONCEPT PLAN (2)			
VOLKERT		SHEET NO. 7	



- LEGEND:**
- ROADWAY PAVEMENT
 - SHOULDER PAVEMENT
 - PREFERRED POND SITE
 - EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		CONCEPT PLAN (3)		SHEET NO. 8
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		COUNTY MARION		FINANCIAL PROJECT ID 452074-2-22-01
ROAD NO. SR 93	COUNTY MARION	SUMTER		



LEGEND:

-  ROADWAY PAVEMENT
-  SHOULDER PAVEMENT
-  PREFERRED POND SITE
-  EXISTING PROPERTY LINE

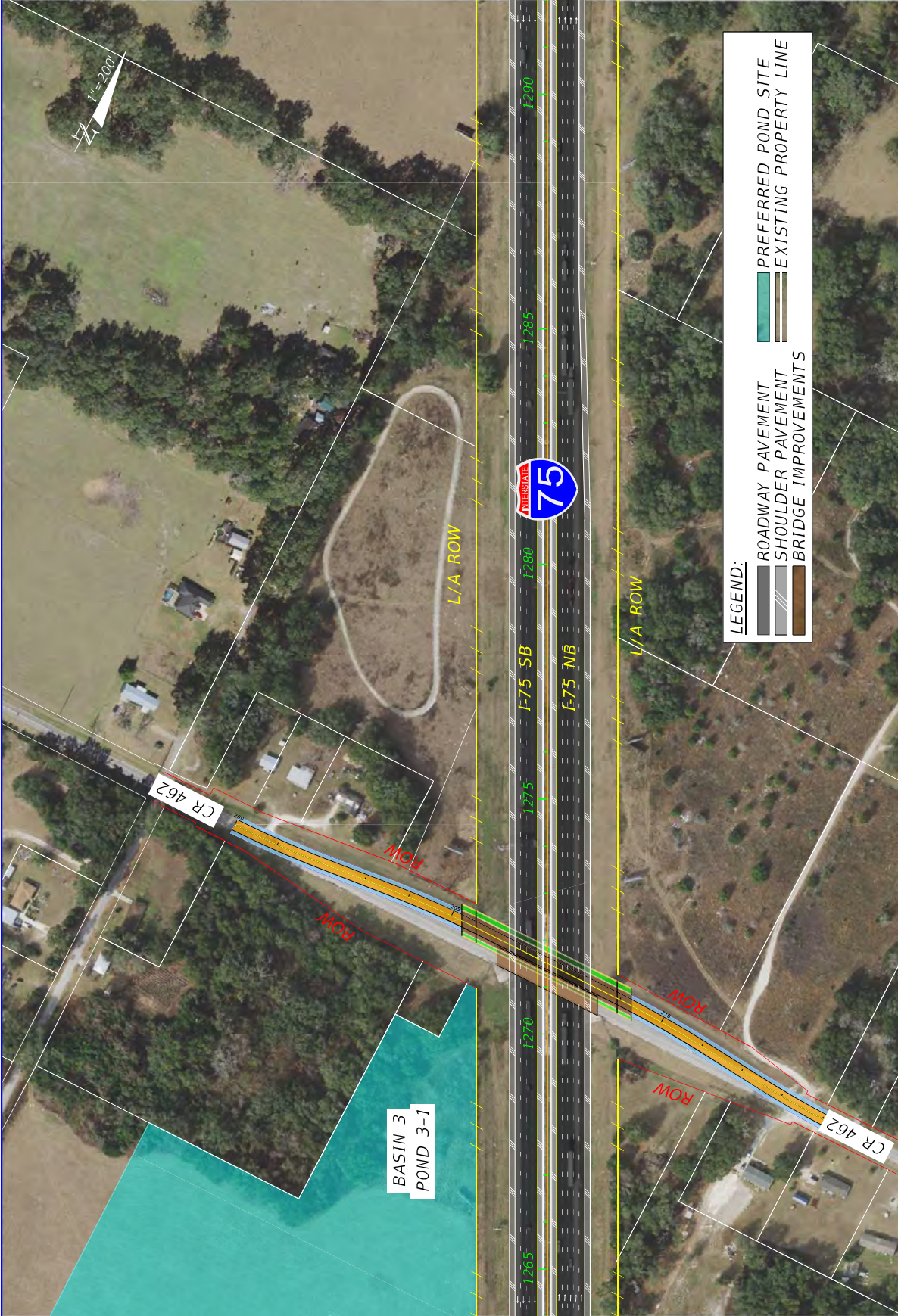
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



SR 93
 DEPARTMENT OF TRANSPORTATION
 COUNTY
 MARION
 SUMNER
 FINANCIAL PROJECT ID
 452074-2-22-01

CONCEPT PLAN (4)

SHEET NO. 9



LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- BRIDGE IMPROVEMENTS
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT	STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	CONCEPT PLAN (5) SHEET NO. 10
SR 93	COUNTY MARION SUMNER	FINANCIAL PROJECT ID 452074-2-22-01



LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
SR 93	452074-2-22-01
COUNTY	MARION
SUMMITER	SUMTER

CONCEPT PLAN (6)	SHEET NO. 11
------------------	-----------------





DATE		REVISIONS		STATE OF FLORIDA		SHEET NO.	
DESCRIPTION		DATE		DEPARTMENT OF TRANSPORTATION		12	
DESCRIPTION		DATE		ROAD NO.		CONCEPT PLAN (7)	
DESCRIPTION		DATE		SR 93		FINANCIAL PROJECT ID	
DESCRIPTION		DATE		COUNTY		452074-2-22-01	
DESCRIPTION		DATE		MARTIN SUMNER			

VOLKERT

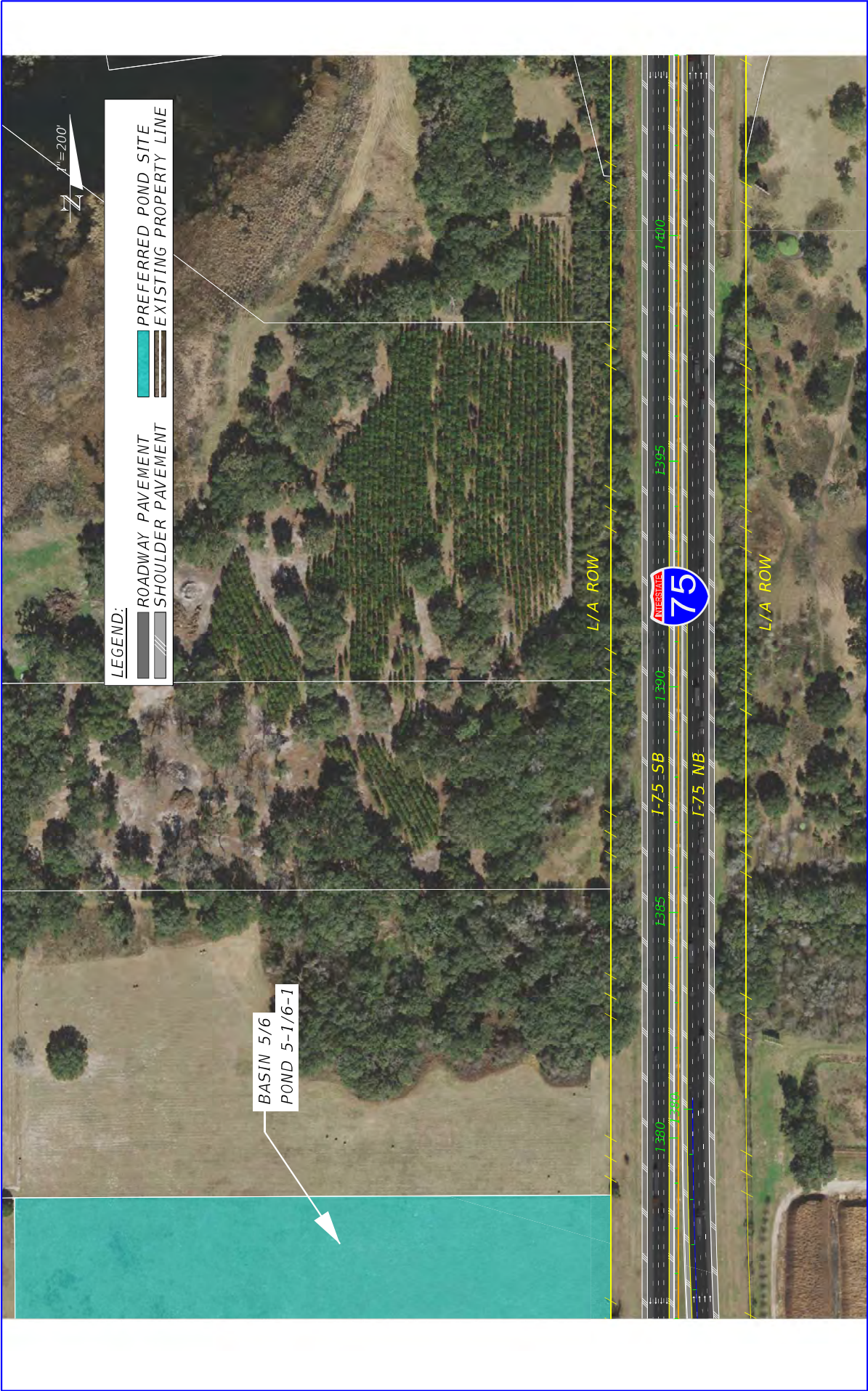


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
SR 93	MARTIN COUNTY MARION SUMNER 452074-2-22-01

<h1 style="margin: 0;">VOLKERT</h1>	CONCEPT PLAN (8)
-------------------------------------	-------------------------

SHEET NO.	13
-----------	----



LEGEND:

ROADWAY PAVEMENT
SHOULDER PAVEMENT

PREFERRED POND SITE
EXISTING PROPERTY LINE



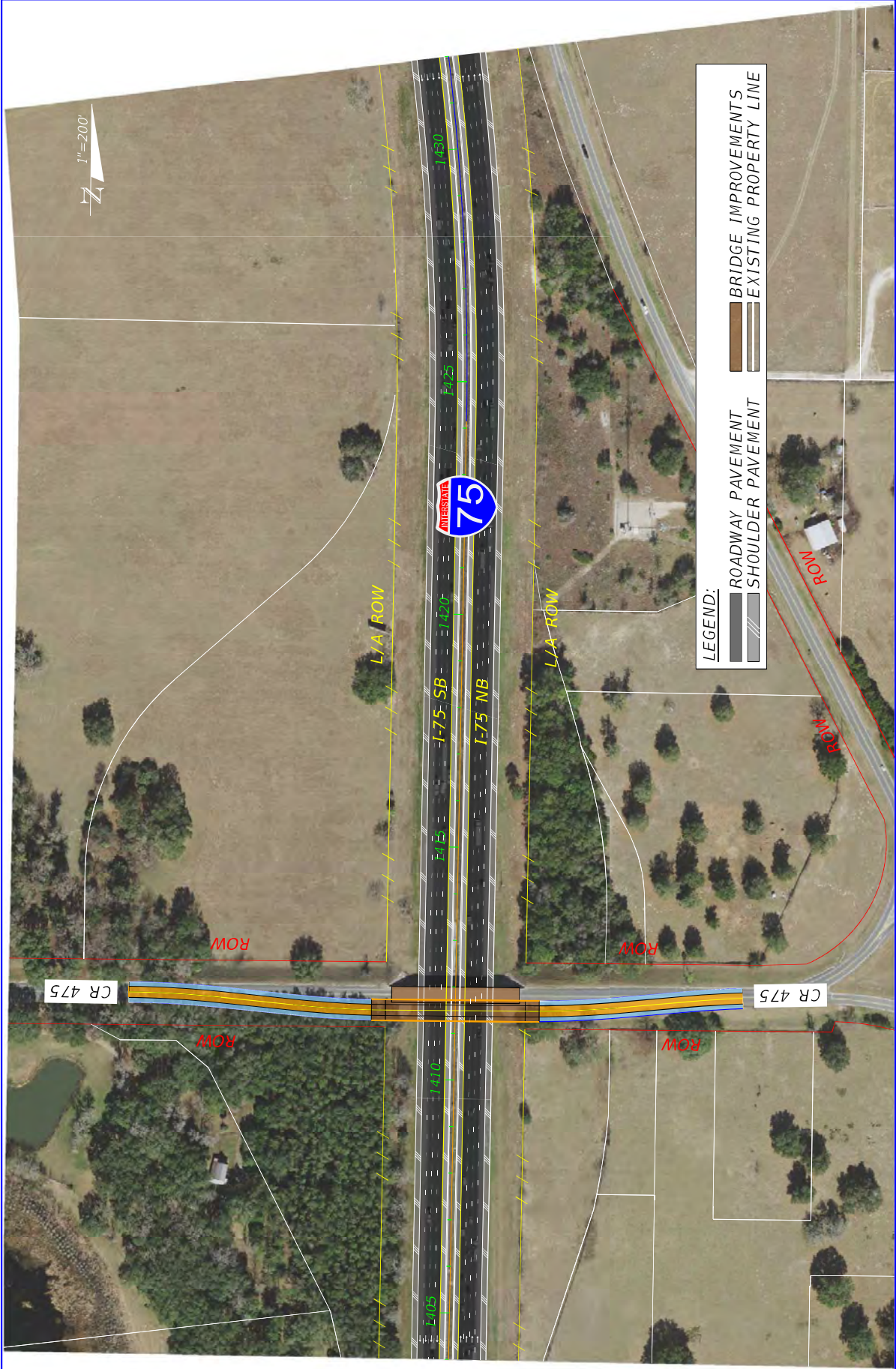
BASIN 5/6
POND 5-1/6-1

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO. SR 93	FINANCIAL PROJECT ID 452074-2-22-01
COUNTY MARION	SUMMITER

CONCEPT PLAN (9)	
SHEET NO.	14

VOLKERT



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. SR 93 COUNTY MARION FINANCIAL PROJECT ID 452074-2-22-01	
CONCEPT PLAN (10)			
SHEET NO. 15		VOLKERT	

8/18/2024 3:00:10 PM d:\gms\mktmg2\N:\PROJECTS\DOT\4520742201\Roadway\PLAN\RD03.dgn

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



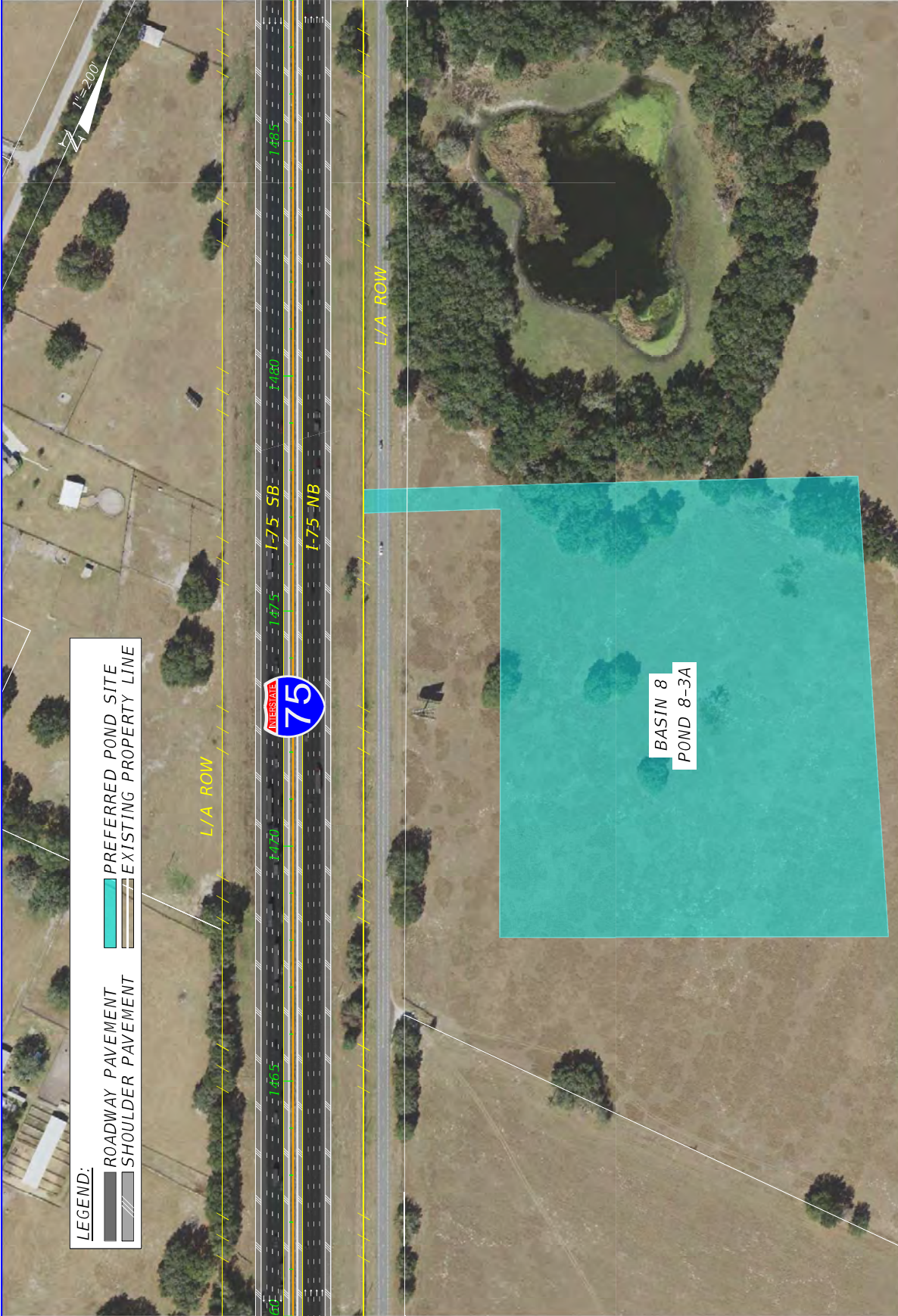
LEGEND:

	ROADWAY PAVEMENT
	SHOULDER PAVEMENT
	PREFERRED POND SITE
	EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	
VOLKERT					
SR 93		ROAD NO.	DEPARTMENT OF TRANSPORTATION		
MARION COUNTY		COUNTY	FINANCIAL PROJECT ID		
SUMNER		SUMNER	452074-2-22-01		
CONCEPT PLAN (11)					
SHEET NO.	16				

8/18/2024 3:00:20 PM d:\proj\157\15707423201\Roadway\PLAN\RD03.dgn

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



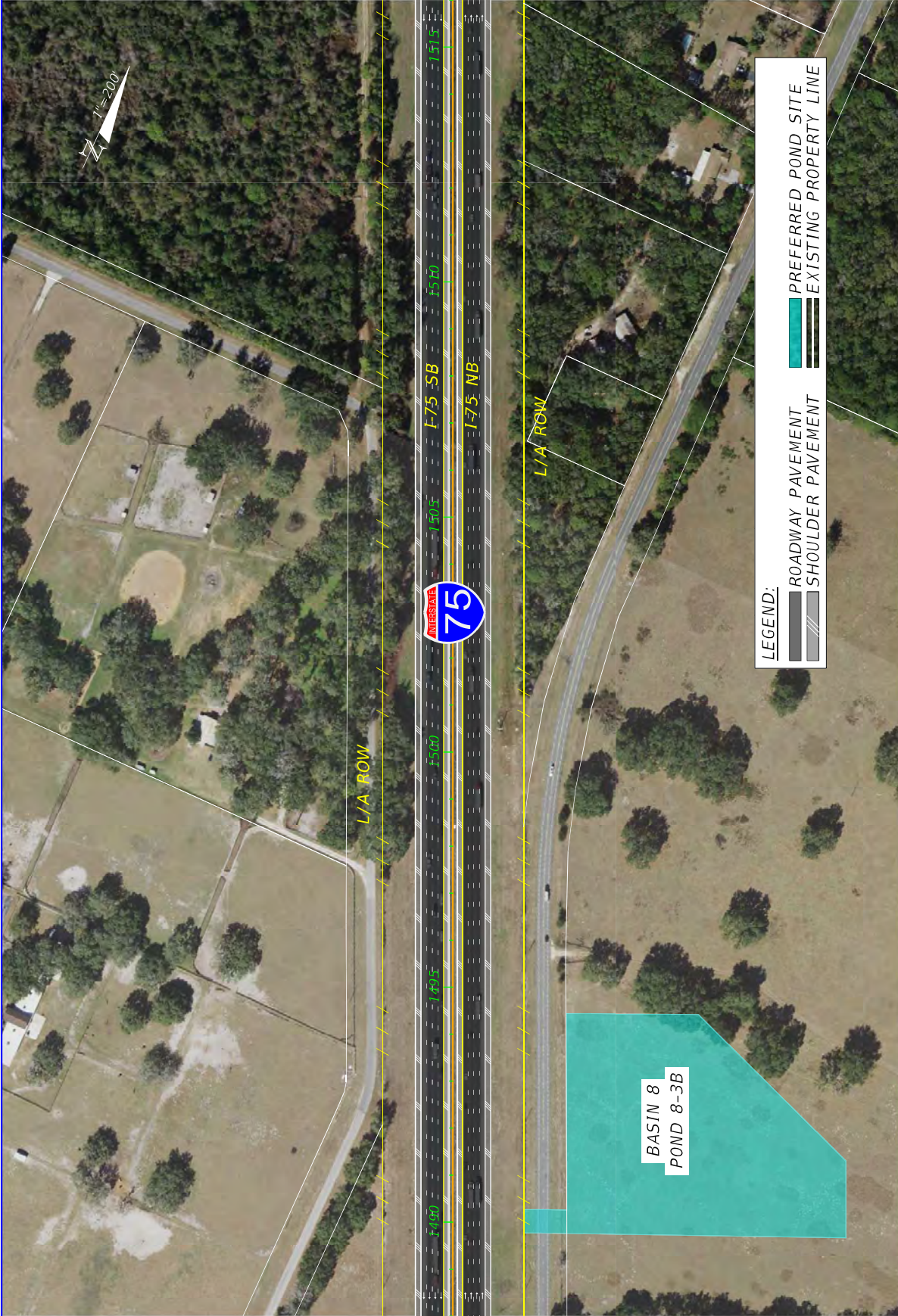
LEGEND:

	ROADWAY PAVEMENT
	SHOULDER PAVEMENT
	PREFERRED POND SITE
	EXISTING PROPERTY LINE

DATE	DESCRIPTION	DATE	DESCRIPTION
REVOLUTIONS			
		STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY MARION FINANCIAL PROJECT ID 452074-2-22-01	
CONCEPT PLAN (1.2)			
SHEET NO.		17	

8/18/2024 3:00:25 PM d:\g08\mkt\mg2 N:\PROJECTS\DOT\4520742201\Roadway\PLAN\RD03.dgn

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



LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION



STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 ROAD NO. SR 93
 COUNTY MARION
 FINANCIAL PROJECT ID 452074-2-22-01

CONCEPT PLAN (15)

SHEET NO. 18



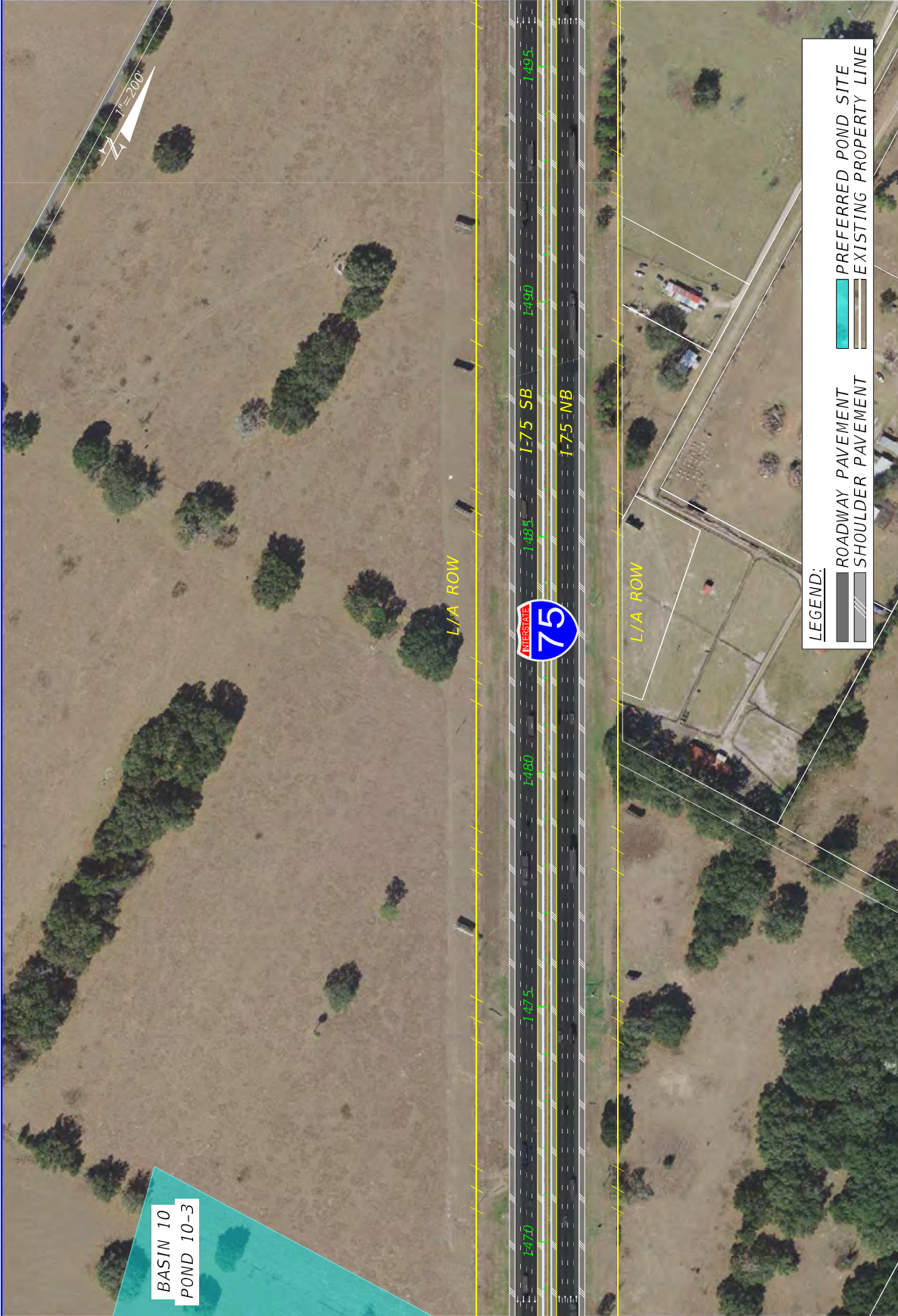
DATE	DESCRIPTION	DATE	DESCRIPTION

REVISIONS		DESCRIPTION	

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID	
ROAD NO. SR 93	COUNTY MARION	FINANCIAL PROJECT ID 452074-2-22-01	COUNTY SUMTER

CONCEPT PLAN (14)	
SHEET NO. 19	19



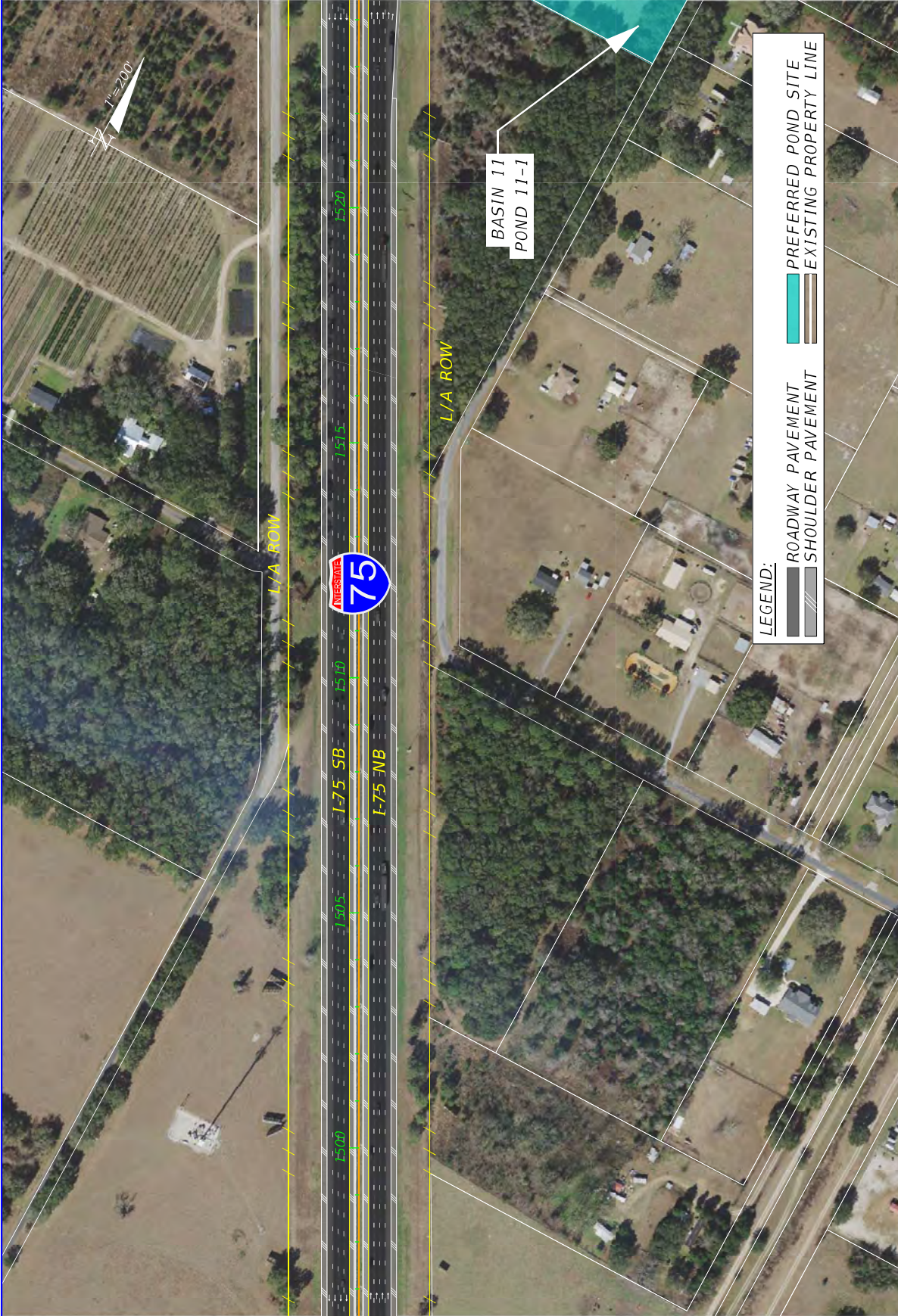


LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	DATE	DESCRIPTION	CONCEPT PLAN (16)			
		REVISIONS		SR 93			
				452074-22-01			
				MARTIN SUMNER			
				FINANCIAL PROJECT ID			
				DEPARTMENT OF TRANSPORTATION			
				STATES OF FLORIDA			
				COUNTY			
				MARION			
				ROAD NO.			
				SR 93			
				SHEET NO.			
				21			





DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		CONCEPT PLAN (17)	
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID	
ROAD NO. SR 93	COUNTY MARION	452074-2-22-01	
		SUMTER	
		SHEET NO. 22	

8/18/2024 3:01:17 PM d:\gms\m\172 N:\PROJECTS\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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



LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	DATE	DESCRIPTION

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
SR 93	452074-2-22-01
COUNTY	
MARION	
SUMNER	

CONCEPT PLAN (18)

SHEET NO. 23

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

8/18/2024 3:01:23 PM d:\gms\m122 N:\PROJECTS\75\DOT\452074\2201\Roadway\PLAN\RD03.dgn



LEGEND:

-  ROADWAY PAVEMENT
-  SHOULDER PAVEMENT
-  EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

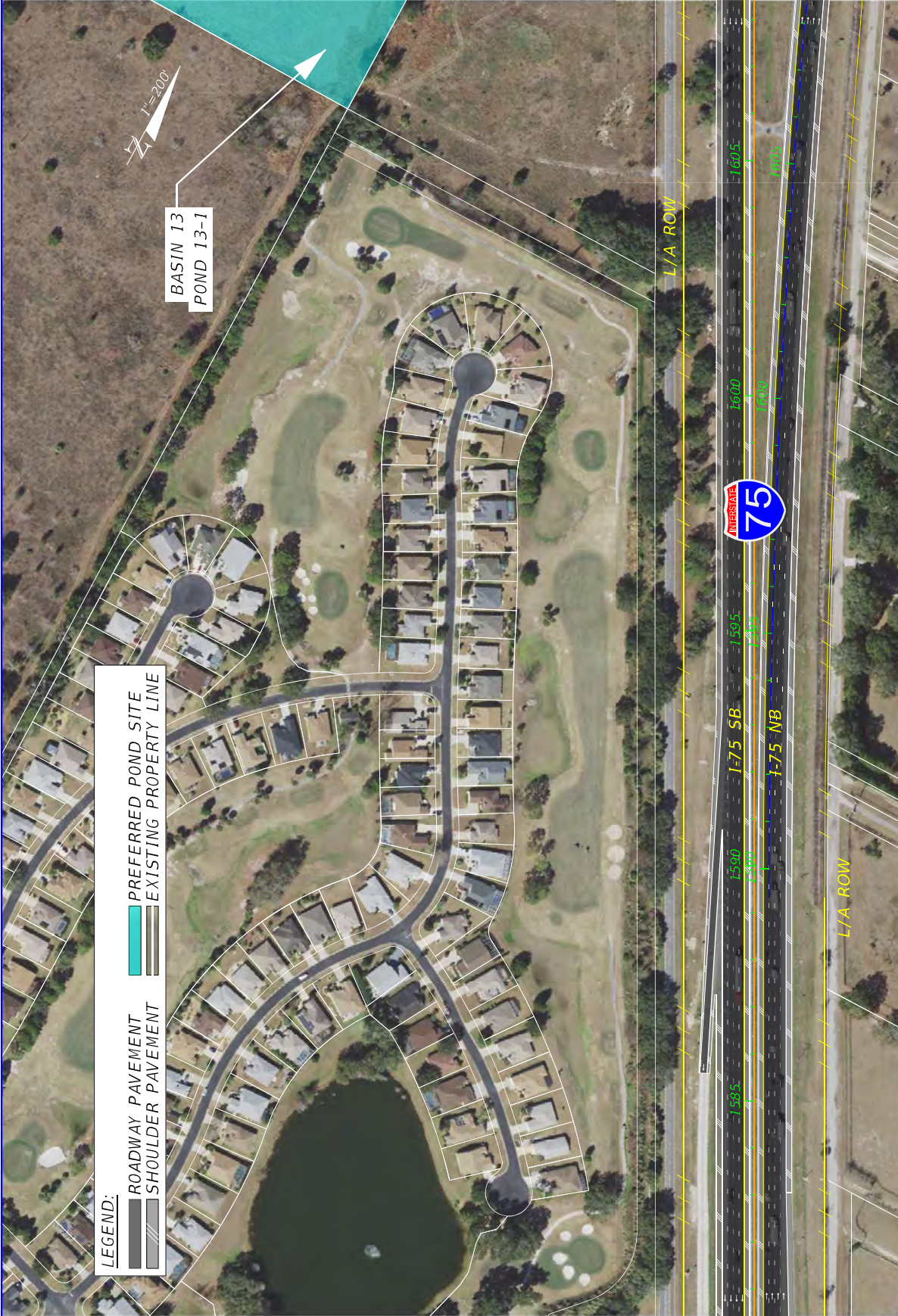
VOLKERT

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	MARION	452074-2-22-01

CONCEPT PLAN (19)

SHEET NO.
24



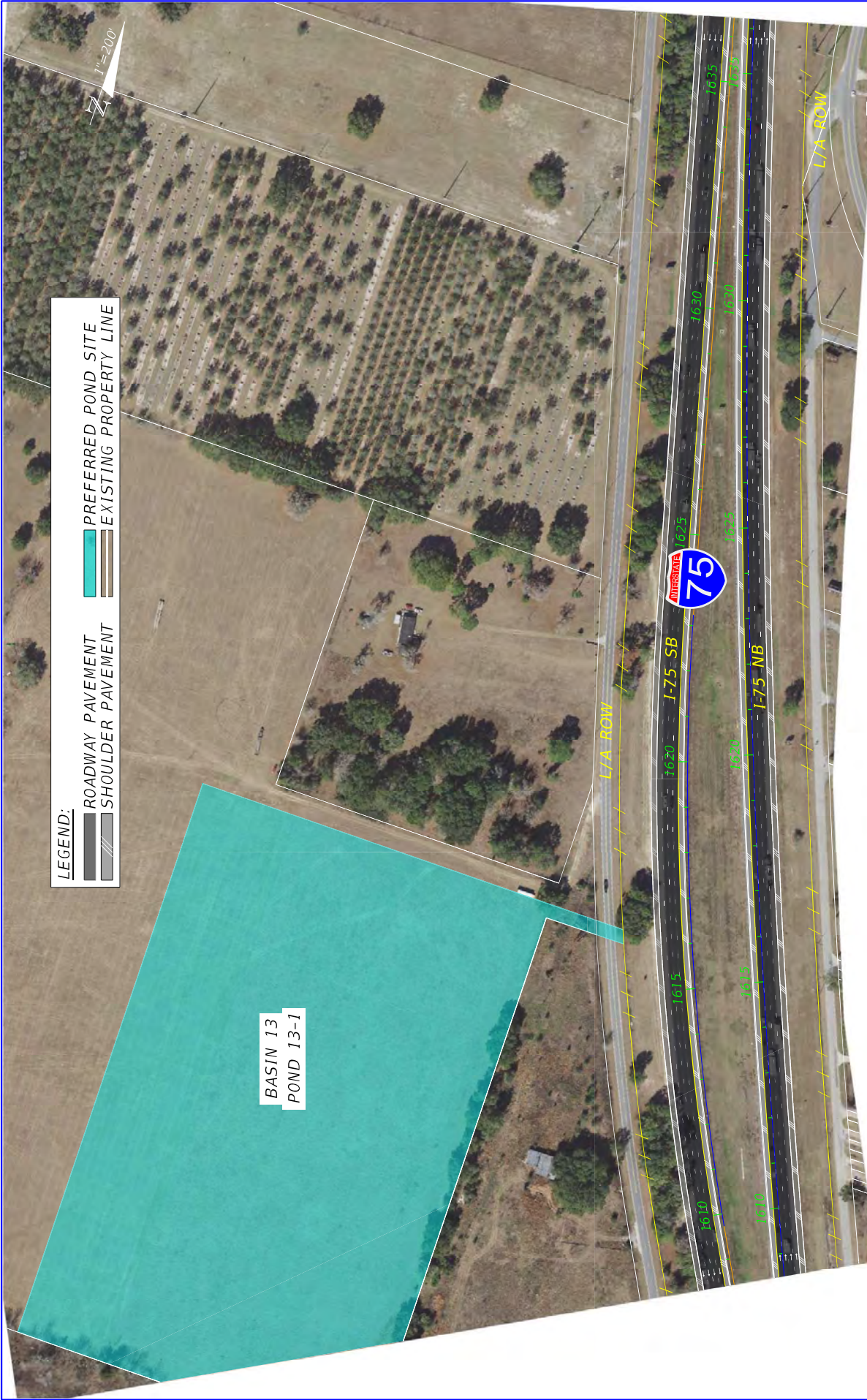
LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

BASIN 13
POND 13-1



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION	VOLKERT		
					SR 93	ROAD NO.	DEPARTMENT OF TRANSPORTATION
					MARION COUNTY	COUNTY	FINANCIAL PROJECT ID
					SUMNER	SUMNER	452074-2-22-01
					CONCEPT PLAN (20)		
					SHEET NO. 25		

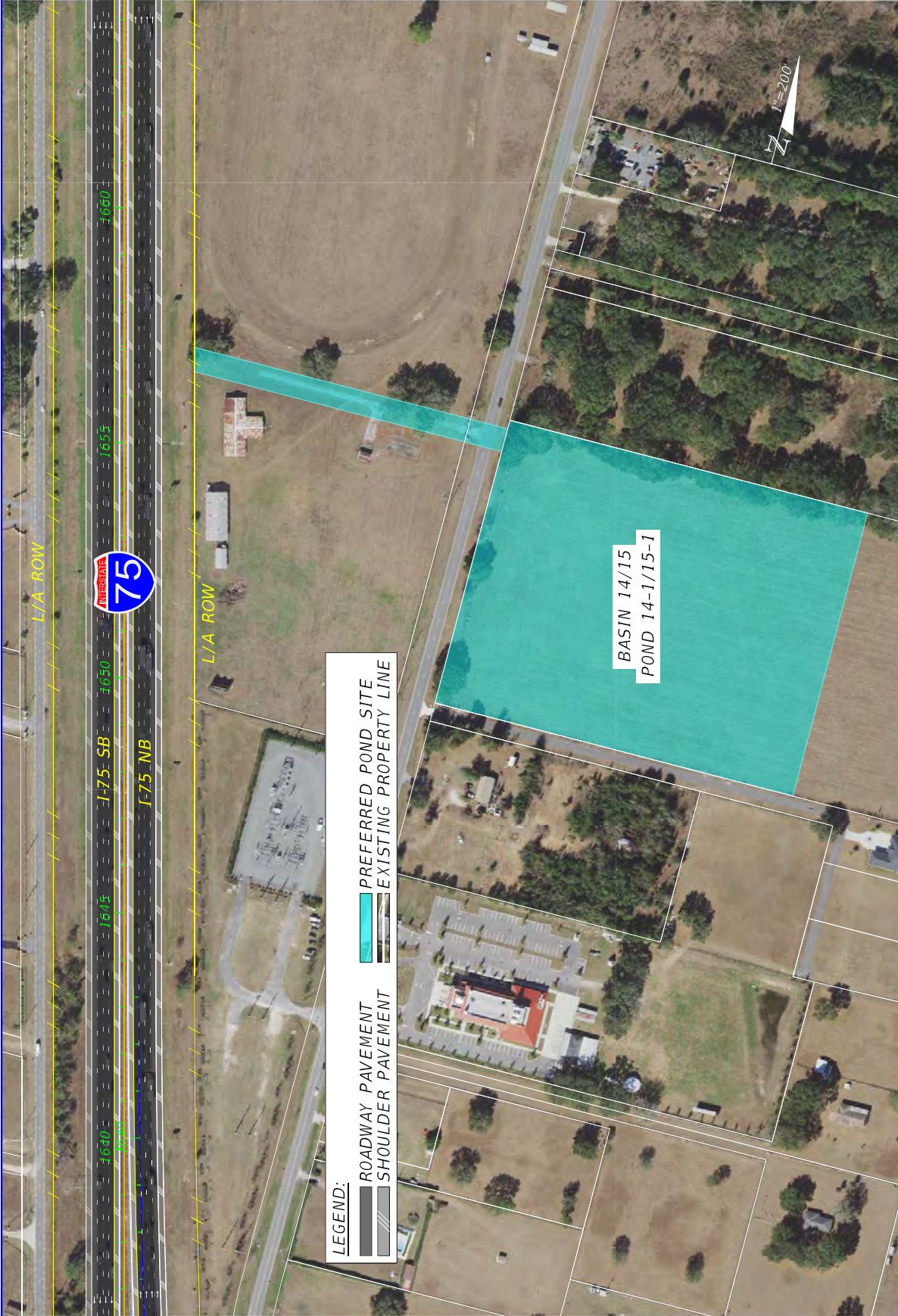


LEGEND:

	ROADWAY PAVEMENT		PREFERRED POND SITE
	SHOULDER PAVEMENT		EXISTING PROPERTY LINE

BASIN 13
POND 13-1

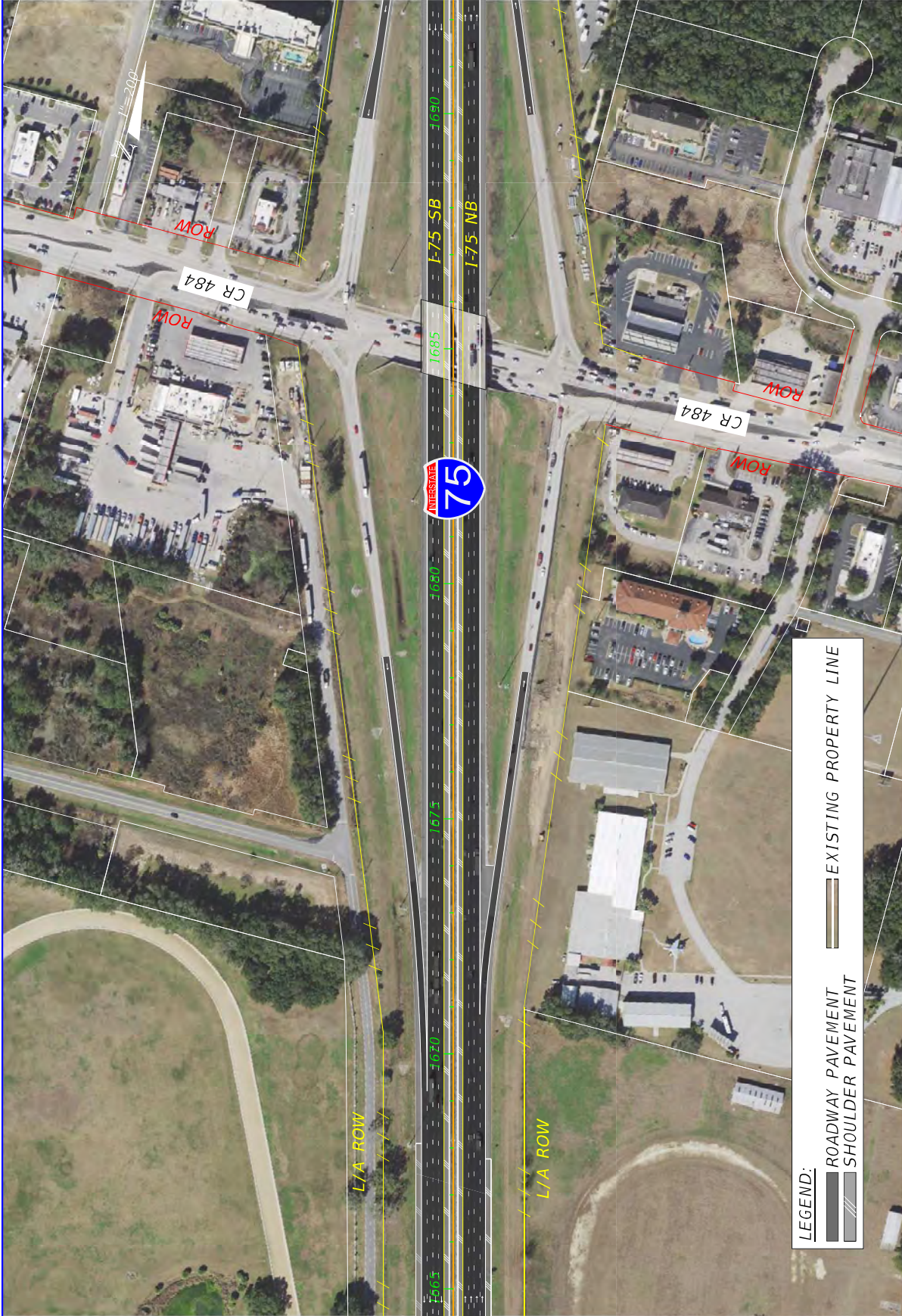
DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION	
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION				ROAD NO.		COUNTY		FINANCIAL PROJECT ID	
				SR 93		MARION		452074-2-22-01	
				CONCEPT PLAN (21)		SHEET NO.		26	



LEGEND:

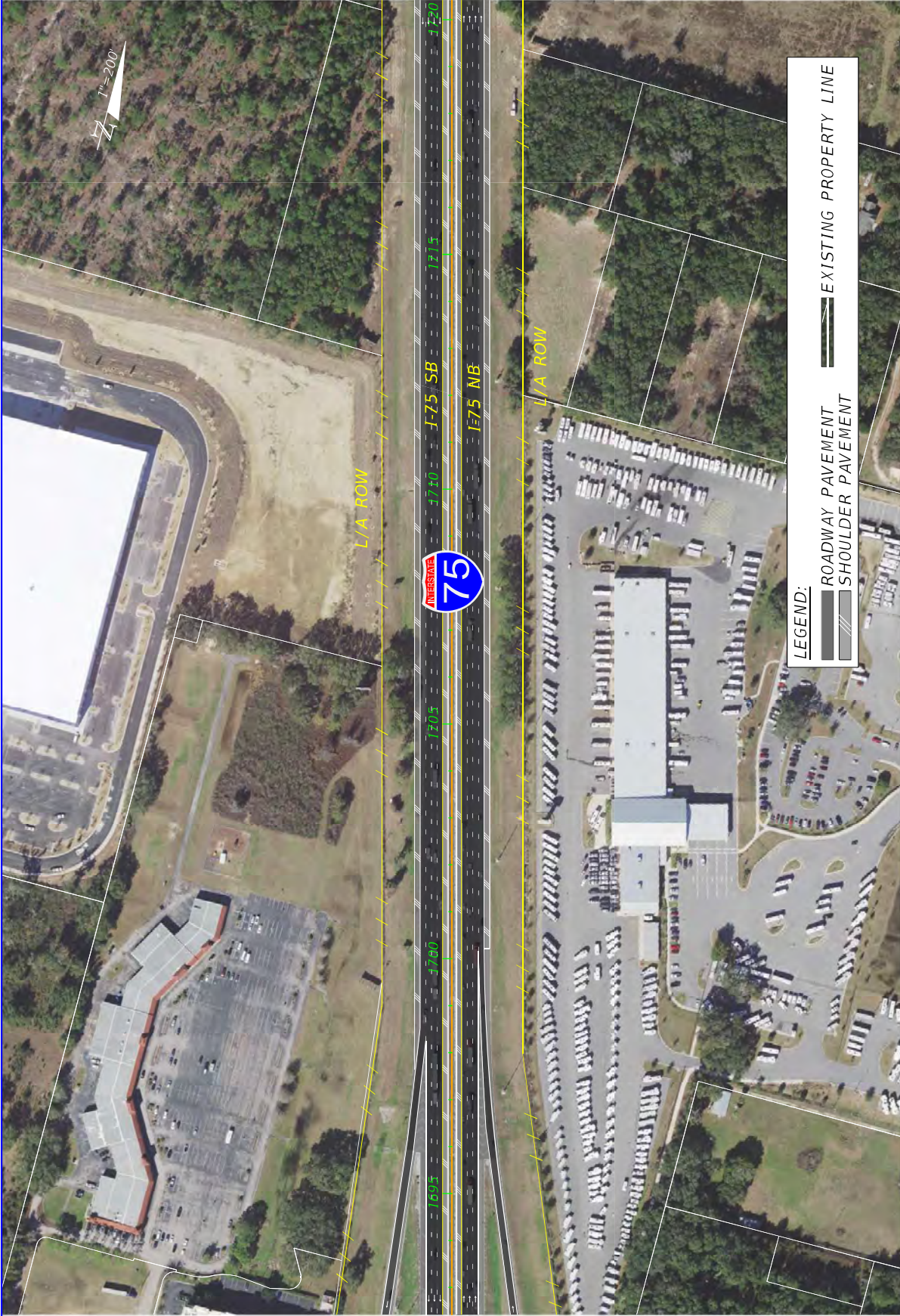
- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
VOLKERT				
SR 93		DEPARTMENT OF TRANSPORTATION		STATE OF FLORIDA
MARION COUNTY		FINANCIAL PROJECT ID		
SUMNER		452074-2-22-01		
CONCEPT PLAN (22)				
SHEET NO.				27



LEGEND:
 [Symbol] ROADWAY PAVEMENT
 [Symbol] SHOULDER PAVEMENT
 [Symbol] EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
VOLKERT				
SR 93		ROAD NO.		DEPARTMENT OF TRANSPORTATION
MARTIN COUNTY		COUNTY		FINANCIAL PROJECT ID
SUMNER		SUMNER		452074-2-22-01
CONCEPT PLAN (25)				
SHEET NO.				28



LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- EXISTING PROPERTY LINE

VOLKERT

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

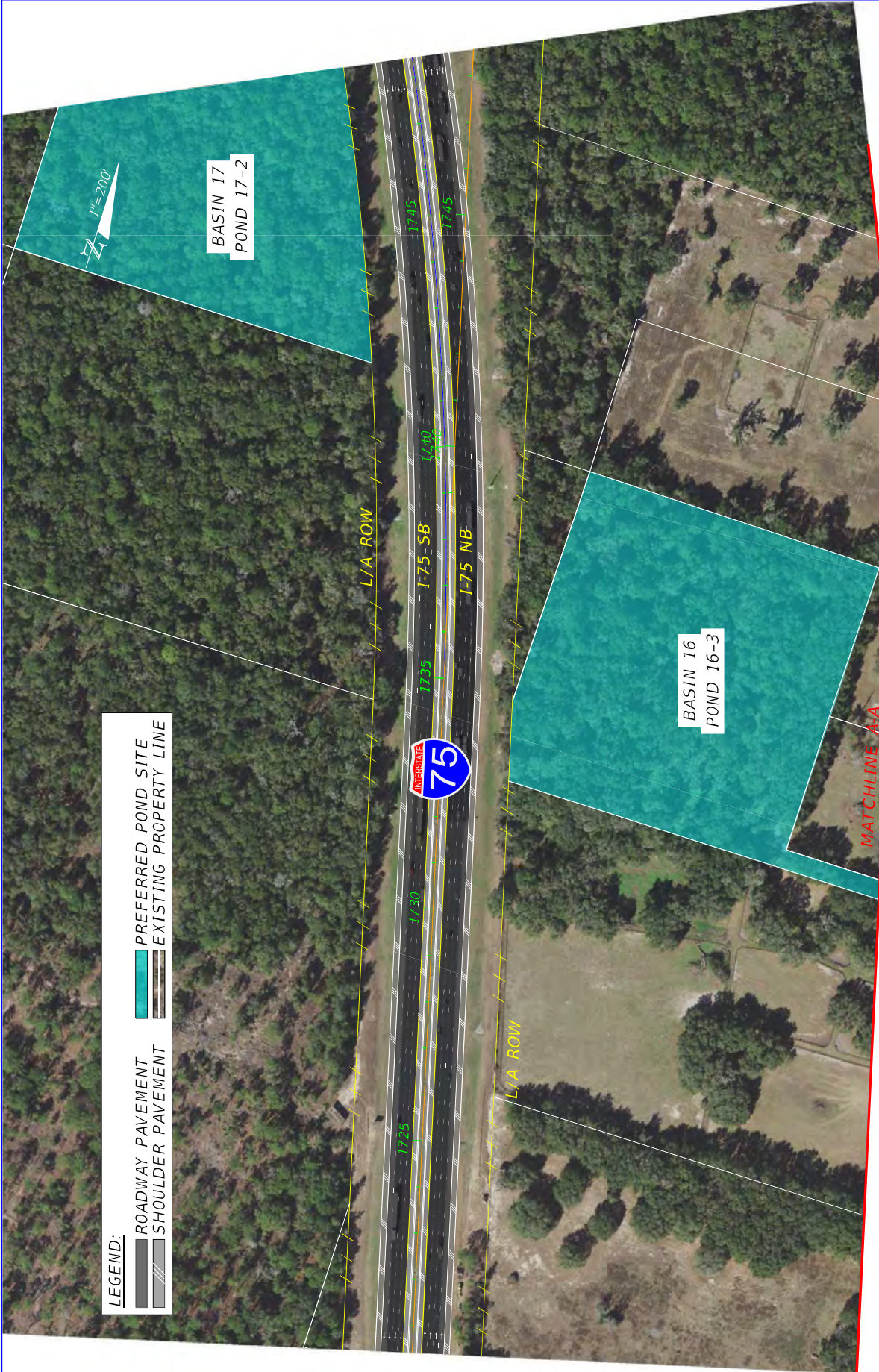
ROAD NO.	SR 93
COUNTY	MARION
FINANCIAL PROJECT ID	452074-2-22-01

STATES OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONCEPT PLAN (24)

SHEET NO.

29

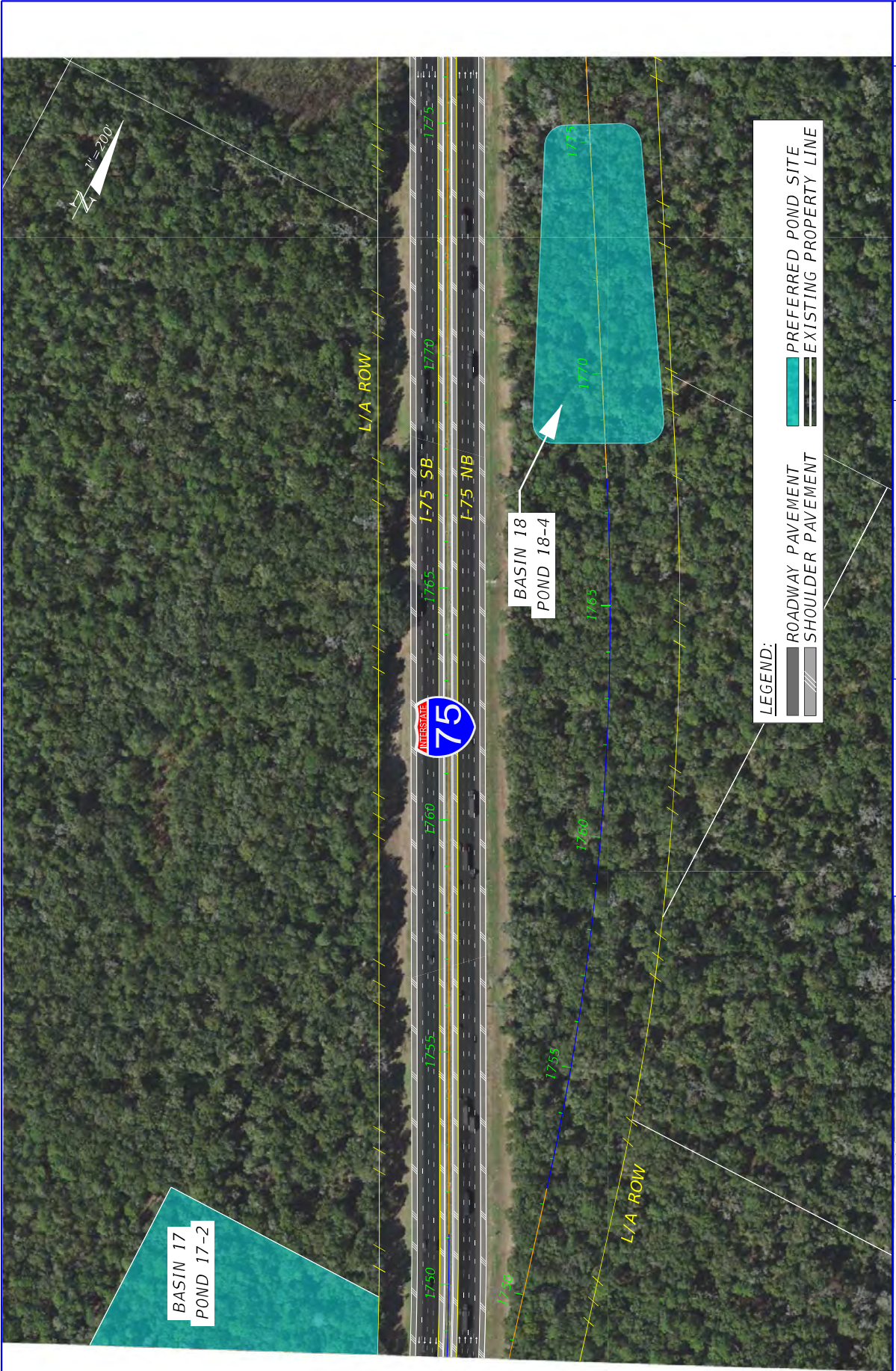


LEGEND:

-  ROADWAY PAVEMENT
-  SHOULDER PAVEMENT
-  PREFERRED POND SITE
-  EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY MARION FINANCIAL PROJECT ID 452074-2-22-01				
CONCEPT PLAN (25)				
SHEET NO.				30



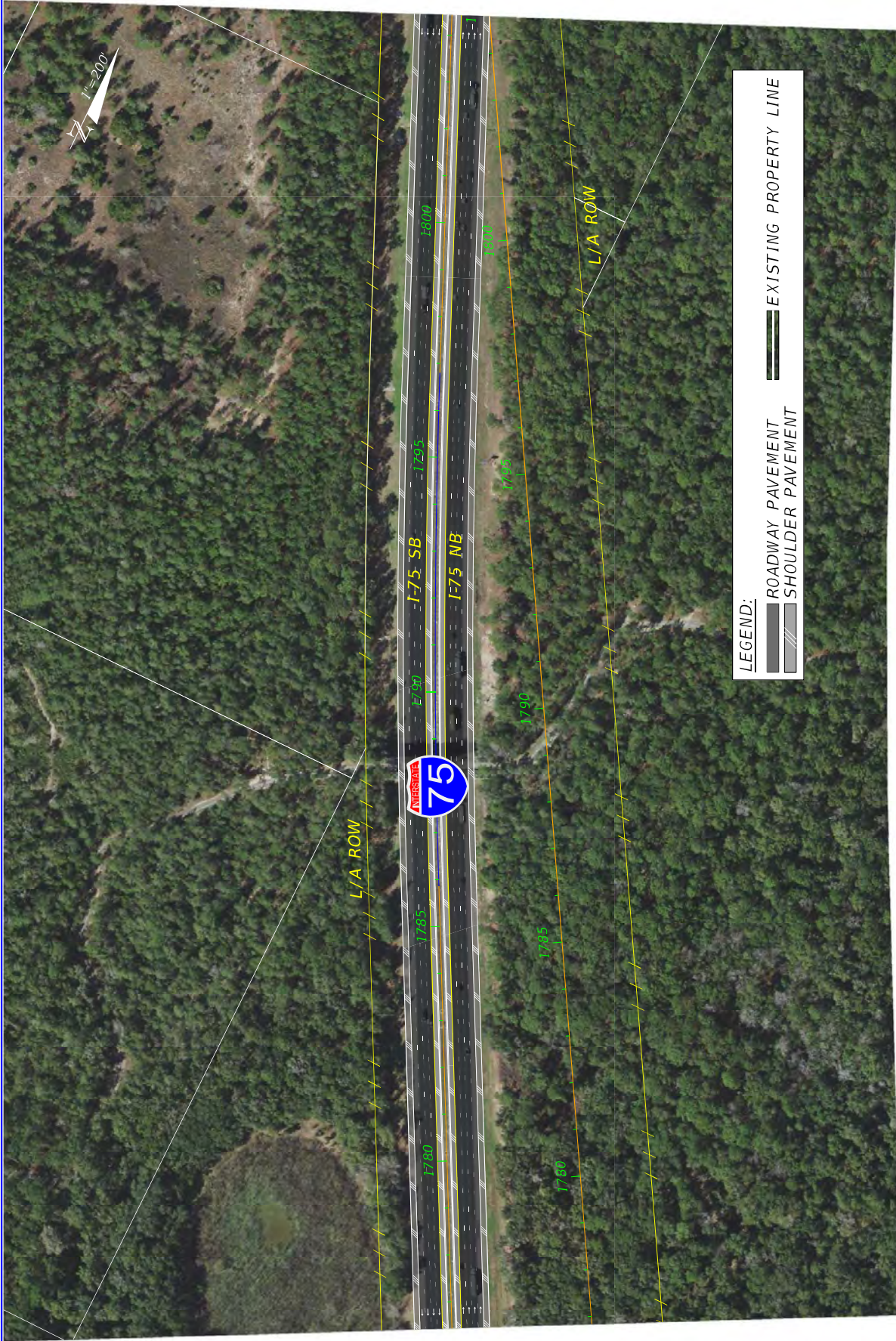


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
SR 93	MARION	452074-2-22-01	
		CONCEPT PLAN 126	
		SHEET NO.	
		31	

8/18/2024 3:02:24 PM d:\proj\mkt\mg N:\PROJECTS\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

SR 93		STATES OF FLORIDA	
ROAD NO.		DEPARTMENT OF TRANSPORTATION	
COUNTY	MARION	COUNTY	FINANCIAL PROJECT ID
SUMTER	452074-2-22-01		

VOLKERT	
CONCEPT PLAN (27)	
SHEET NO.	32

8/18/2024 3:02:33 PM d:\proj\mkt\mg N:\PROJECTS\VT\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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

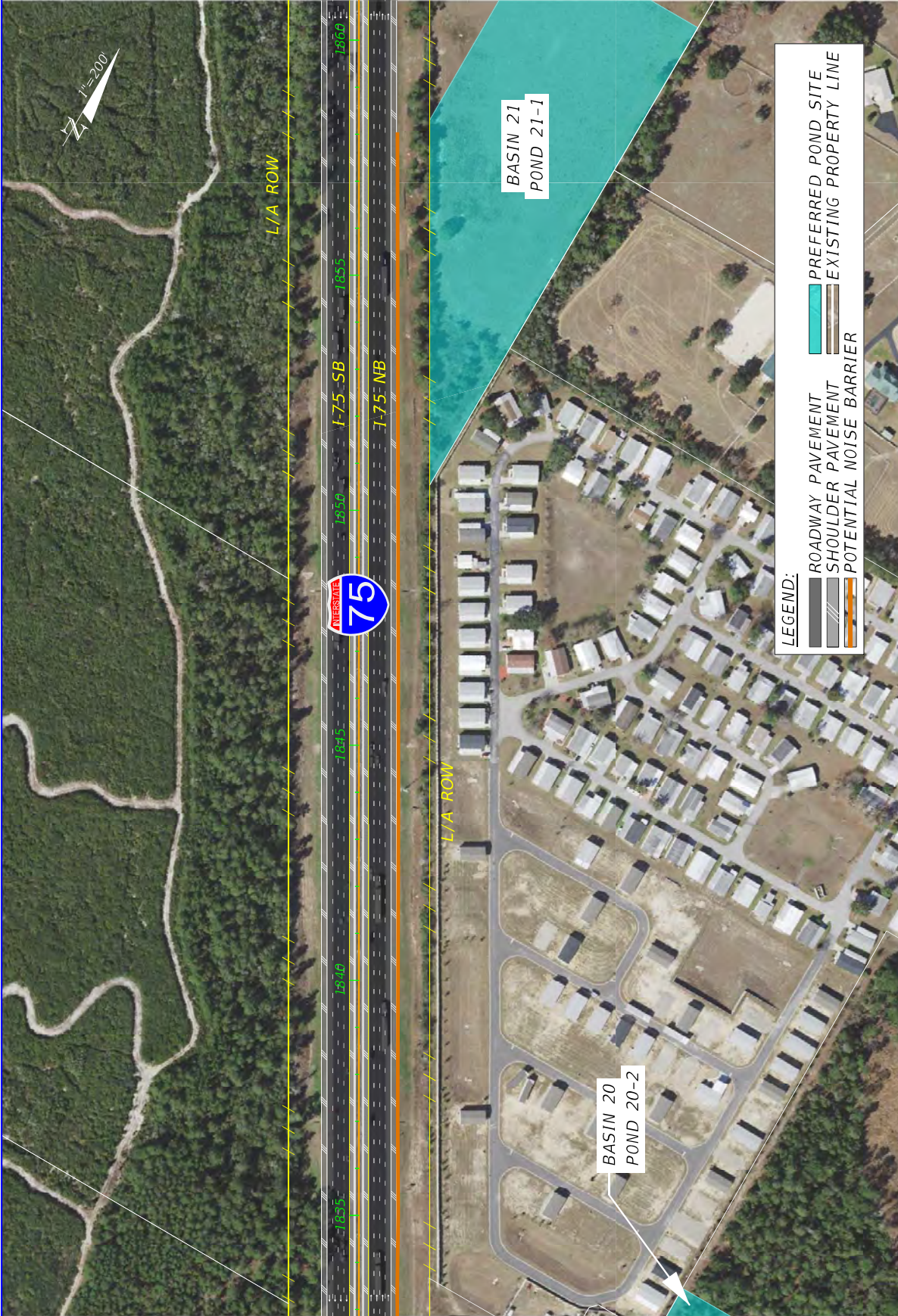


LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- POTENTIAL NOISE BARRIER
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		CONCEPT PLAN (28)		SHEET NO. 33
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. SR 93		FINANCIAL PROJECT ID 452074-2-22-01
COUNTY MARION		SUMTER		



LEGEND:

- PREFERRED POND SITE
- EXISTING PROPERTY LINE
- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- POTENTIAL NOISE BARRIER

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
VOLKERT				
SR 93		DEPARTMENT OF TRANSPORTATION		CONCEPT PLAN (29)
ROAD NO.		FINANCIAL PROJECT ID		
COUNTY		452074-2-22-01		
MARION SUMNER		SR 93		SHEET NO.
				34

8/18/2024 3:02:49 PM d:\gms\mktmg N:\PROJECTS\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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



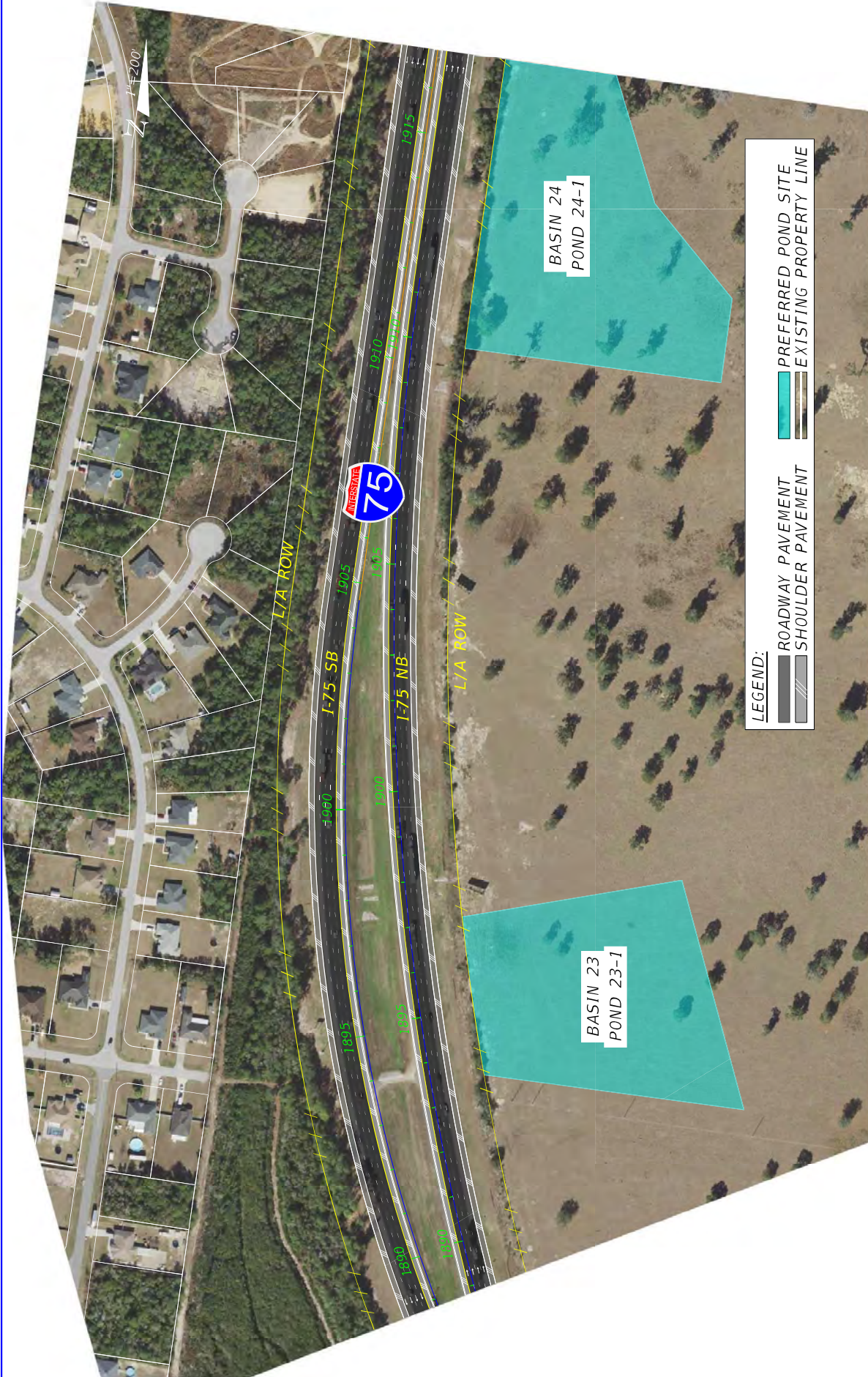
LEGEND:
 [Symbol] ROADWAY PAVEMENT
 [Symbol] SHOULDER PAVEMENT
 [Symbol] PREFERRED POND SITE
 [Symbol] EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
SR 93	452074-2-22-01
COUNTY	MARION
SUMTER	SUMTER

CONCEPT PLAN (50)	
SHEET NO.	35

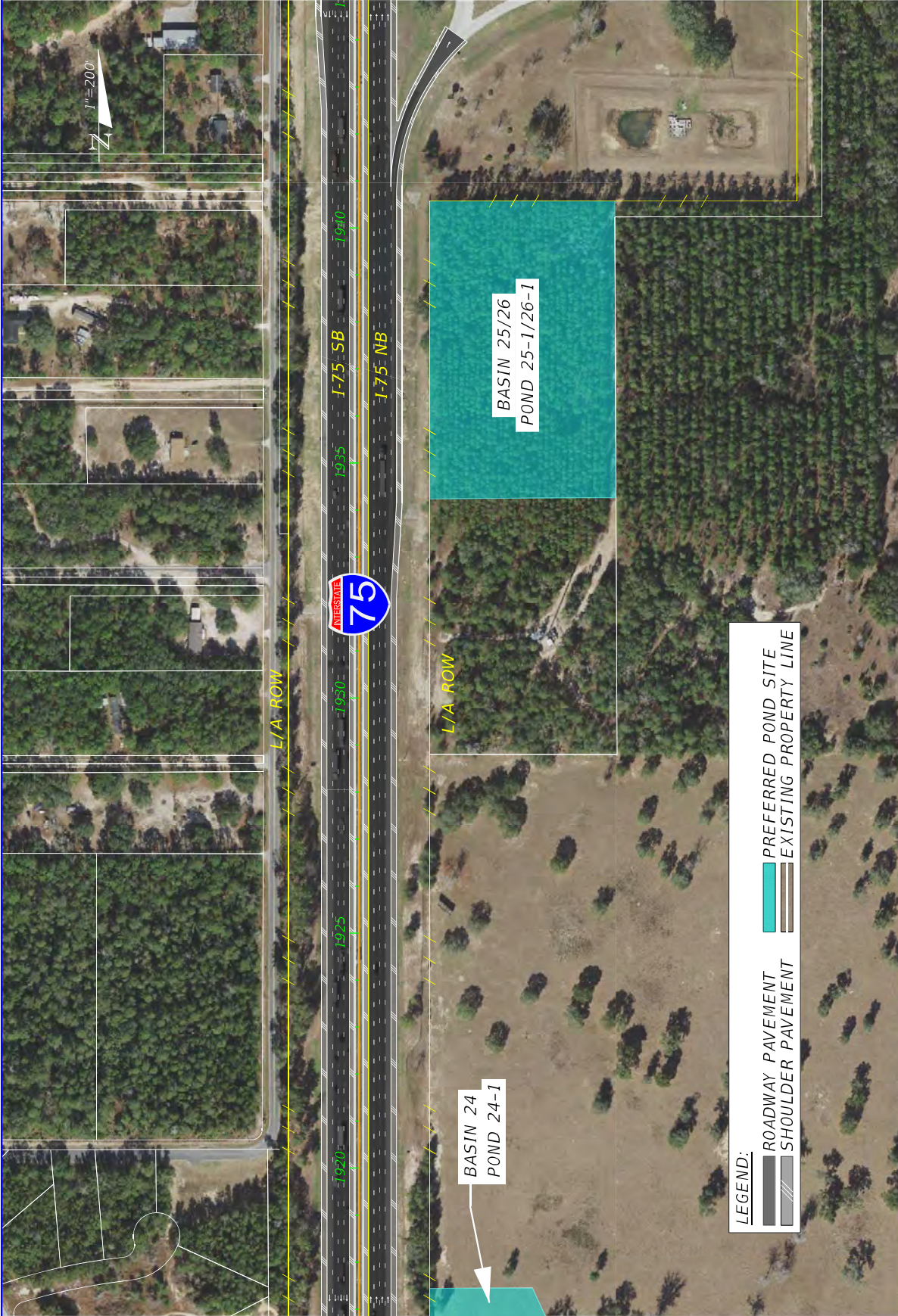




LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	DATE	DESCRIPTION	
REVISIONS				
CONCEPT PLAN (51)				
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. SR 93 COUNTY MARION FINANCIAL PROJECT ID 452074-2-22-01		
VOLKERT				
SHEET NO. 36				



LEGEND:

	PREFERRED POND SITE
	ROADWAY PAVEMENT
	SHOULDER PAVEMENT
	EXISTING PROPERTY LINE

VOLKERT

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO. SR 93	FINANCIAL PROJECT ID 452074-2-22-01
COUNTY MARION	SUMTER

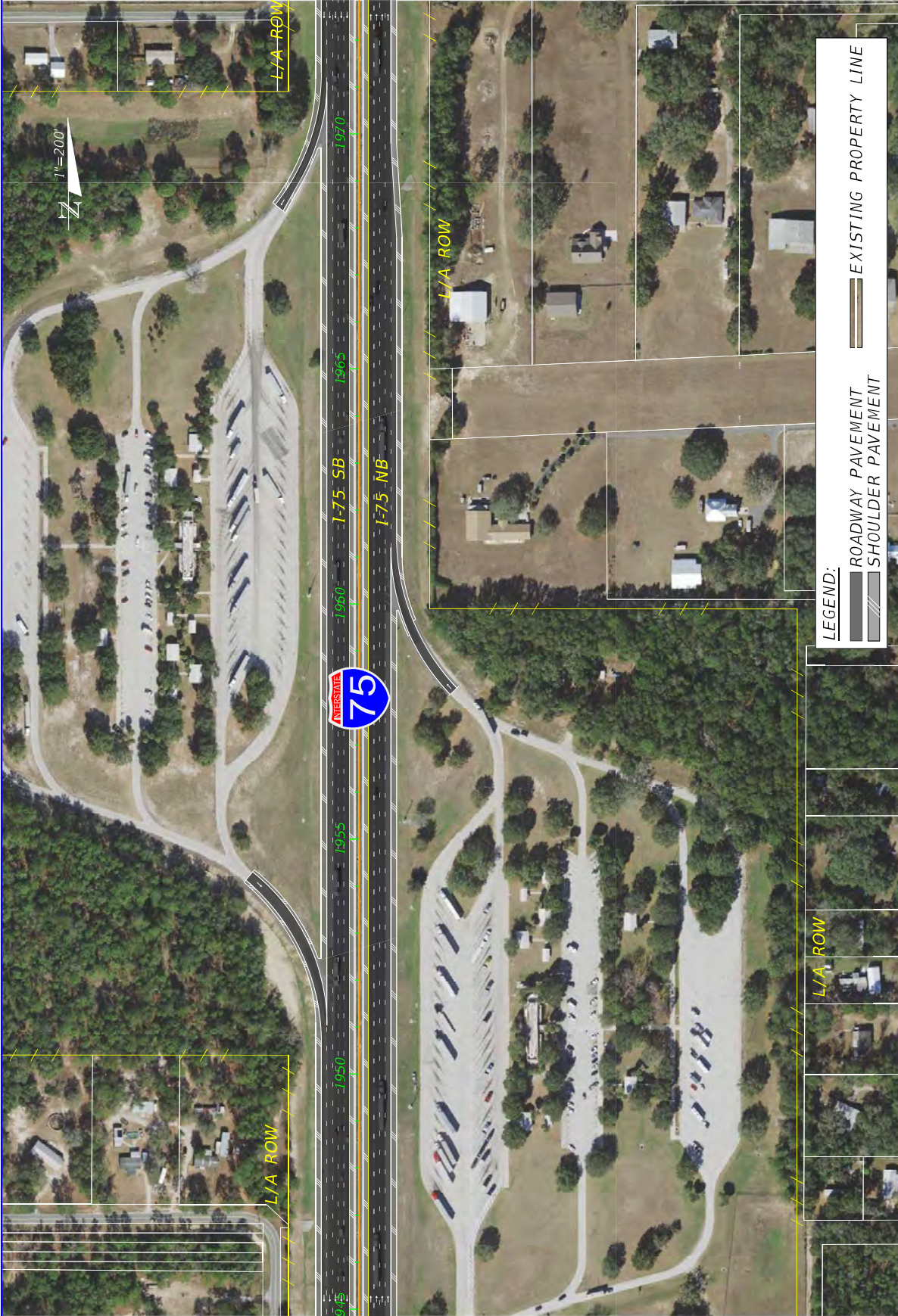
DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

CONCEPT PLAN (52)

SHEET NO. 37

8/18/2024 3:03:10 PM d:\g04\mkt\mg N:\PROJECTS\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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



LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- EXISTING PROPERTY LINE

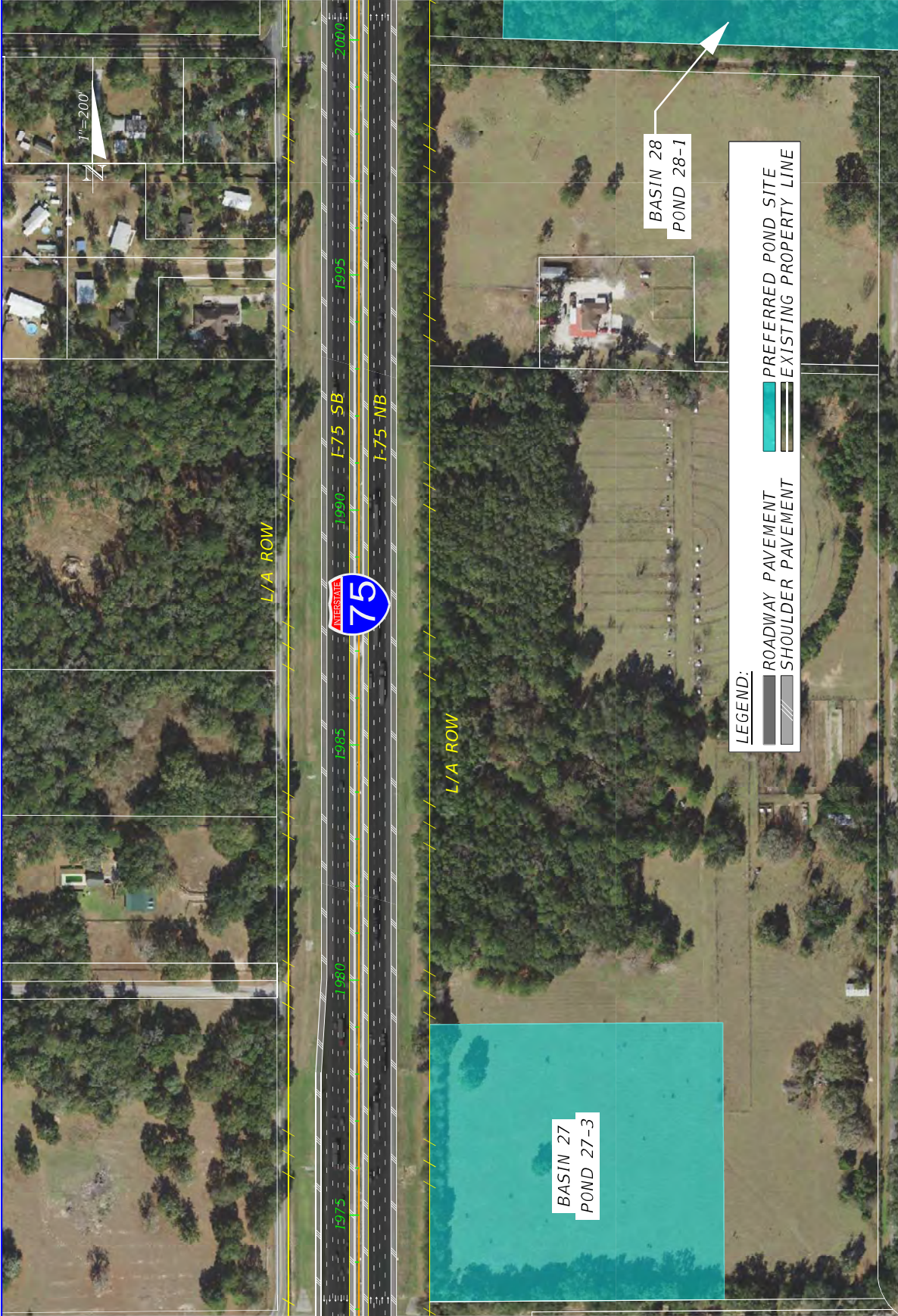


STATES OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. COUNTY FINANCIAL PROJECT ID
SR 93 MARION COUNTY 452074-2-22-01

CONCEPT PLAN (55)

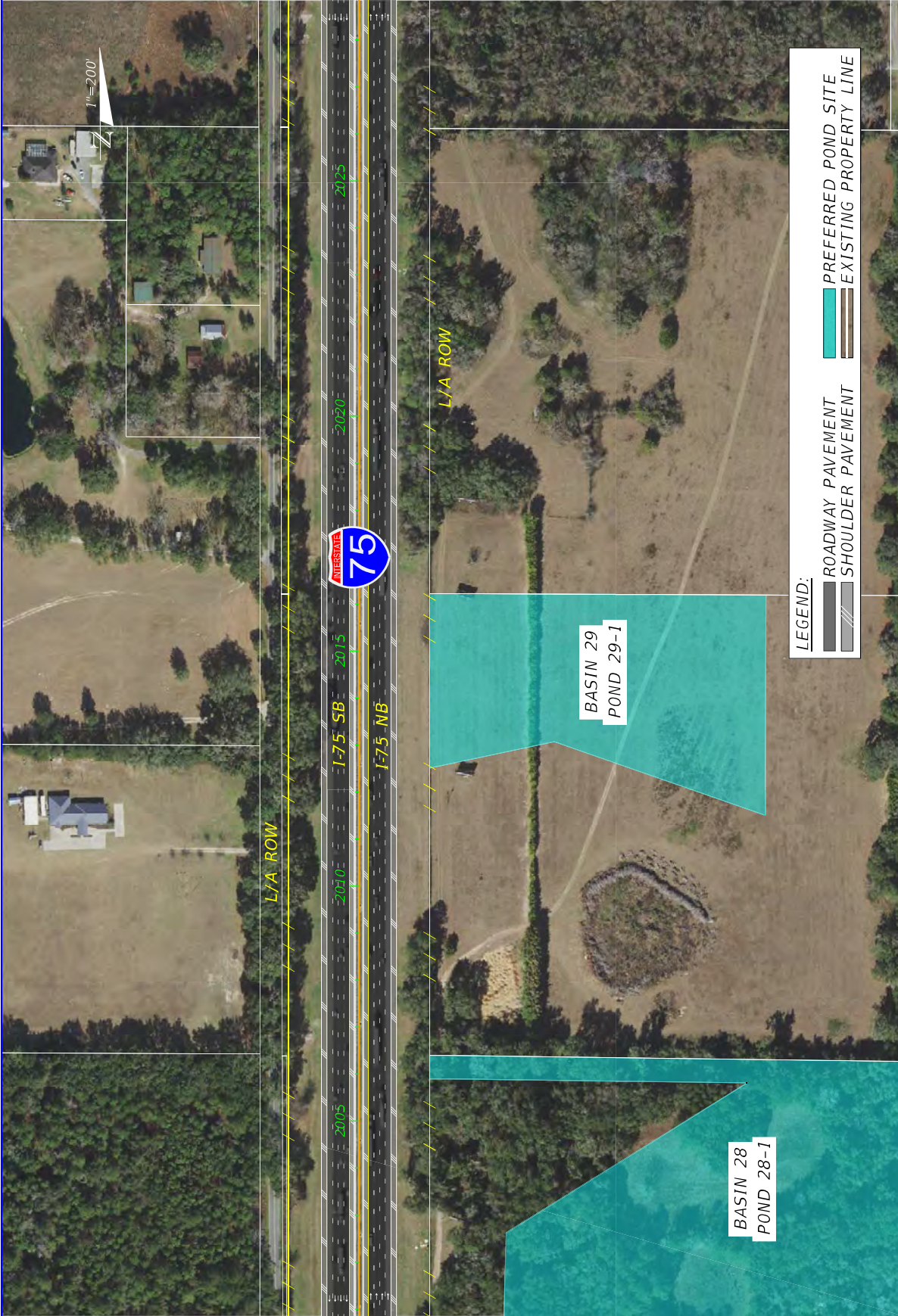
SHEET NO. 38

DATE	DESCRIPTION	DATE	DESCRIPTION



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		CONCEPT PLAN (54)	
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT ID	
ROAD NO. SR 93	COUNTY MARION	452074-2-22-01	
SHEET NO.		39	



LEGEND:

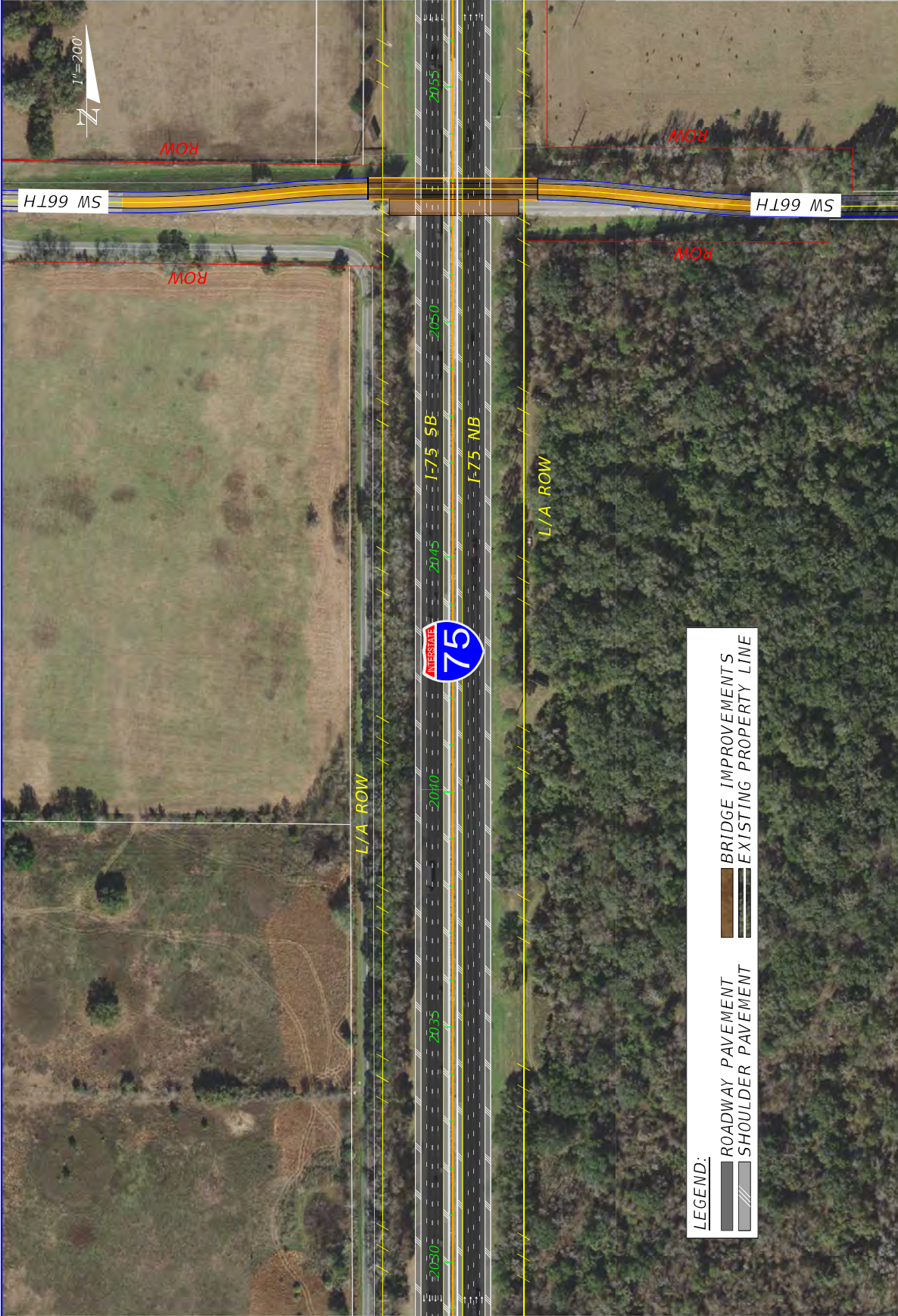
- PREFERRED POND SITE
- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- EXISTING PROPERTY LINE

			CONCEPT PLAN (55)	SHEET NO. 40
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION				
ROAD NO. SR 93	COUNTY MARION	FINANCIAL PROJECT ID 452074-2-22-01		
DATE	DESCRIPTION	DATE	DESCRIPTION	



8/18/2024 3:03:29 PM d:\g02\mktng N:\PROJECTS\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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



LEGEND:

- ROADWAY PAVEMENT
- BRIDGE IMPROVEMENTS
- SHOULDER PAVEMENT
- EXISTING PROPERTY LINE

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

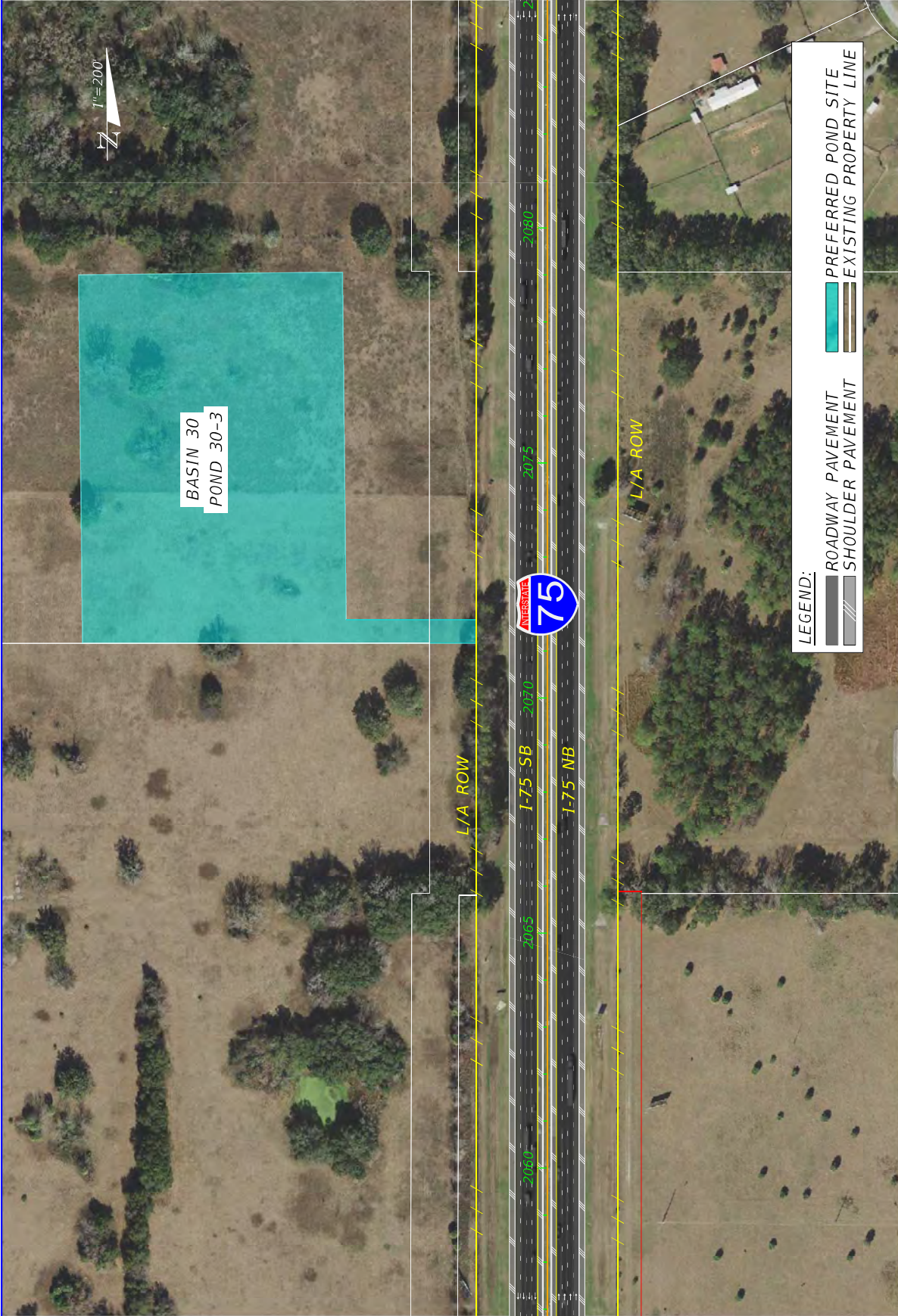
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
SR 93	452074-2-22-01
COUNTY	
MARION	
SUMNER	

CONCEPT PLAN (56)	
SHEET NO.	41



8/18/2024 3:03:37 PM d:\proj\mkt\mg N:\PROJECTS\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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



BASIN 30
POND 30-3

1"=200'

LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

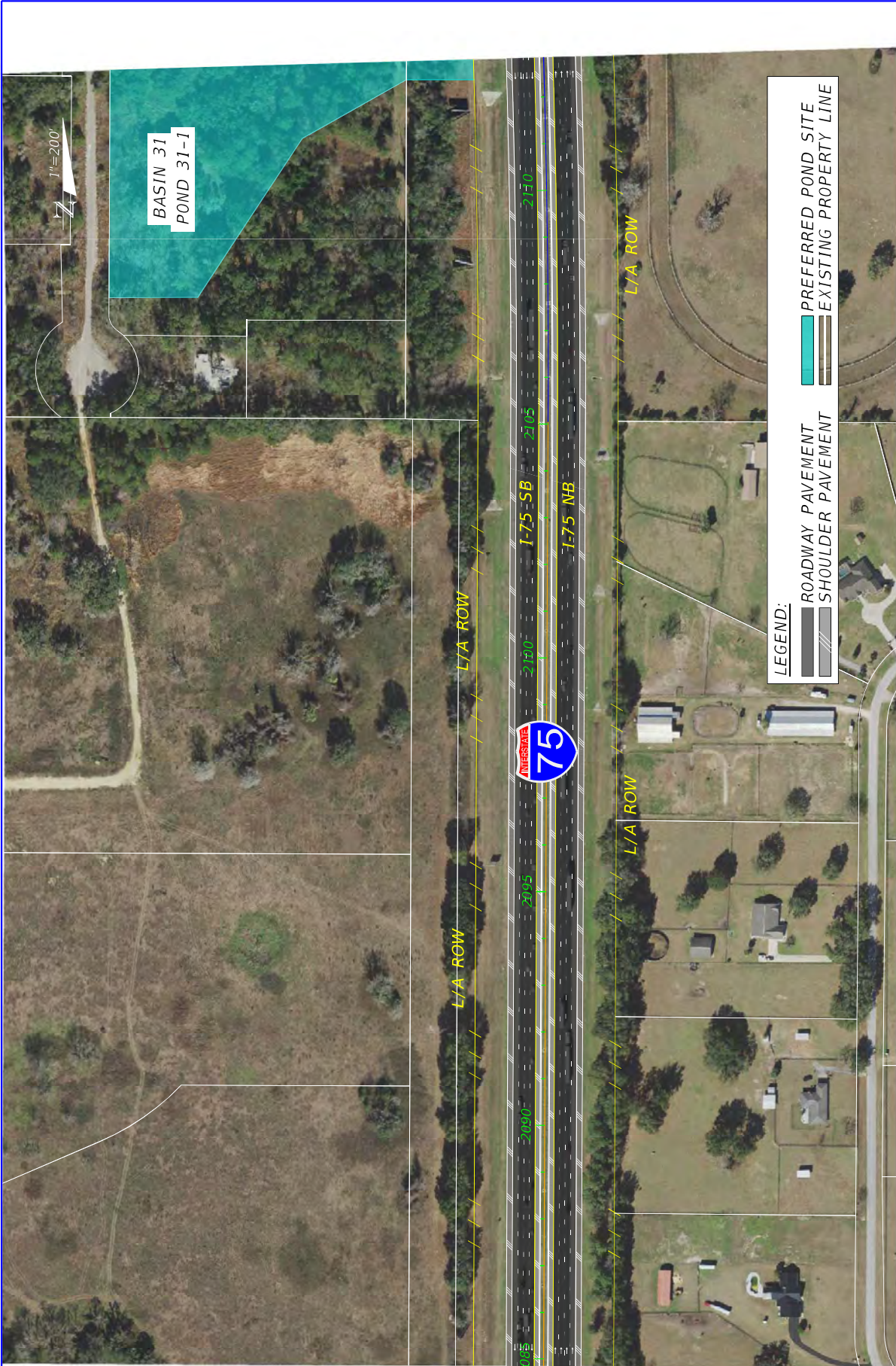
VOLKERT

CONCEPT PLAN (57)

SHEET NO. 42

STATES OF FLORIDA	
DEPARTMENT OF TRANSPORTATION	
ROAD NO. SR 93	FINANCIAL PROJECT ID 452074-2-22-01
COUNTY MARION	
SUMTER	

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

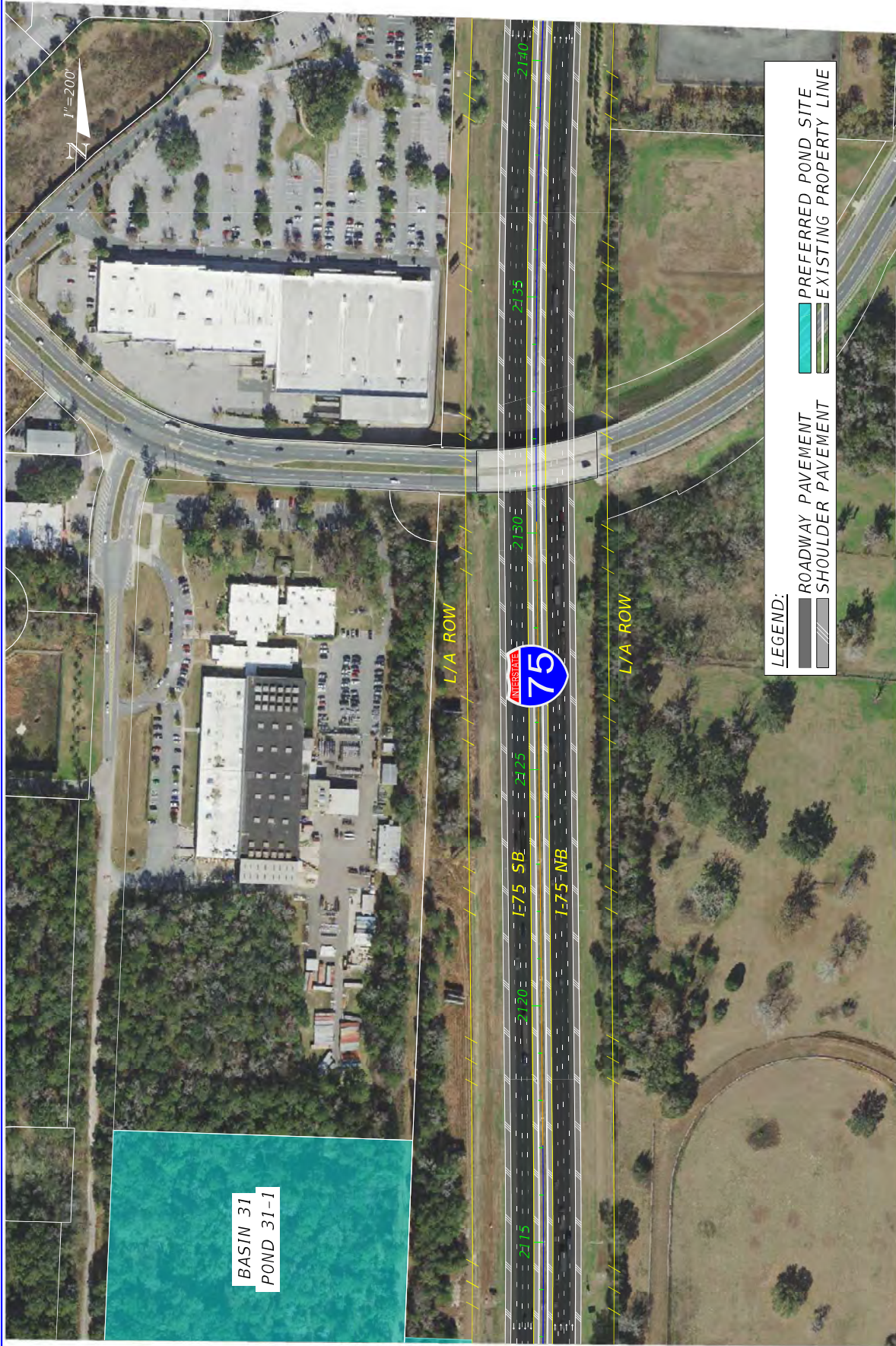


DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

VOLKERT		CONCEPT PLAN (58)	
STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO. SR 93	
COUNTY MARION		FINANCIAL PROJECT ID 452074-2-22-01	
SUMNER			
		SHEET NO. 43	

8/18/2024 3:03:49 PM d:\gms\mktmg N:\PROJECTS\DOT\452074\2201\Roadway\PLAN\RD03.dgn

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



LEGEND:

- ROADWAY PAVEMENT
- SHOULDER PAVEMENT
- PREFERRED POND SITE
- EXISTING PROPERTY LINE

**BASIN 31
POND 31-1**

L/A ROW

L/A ROW



1-75 SB

1-75 NB



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

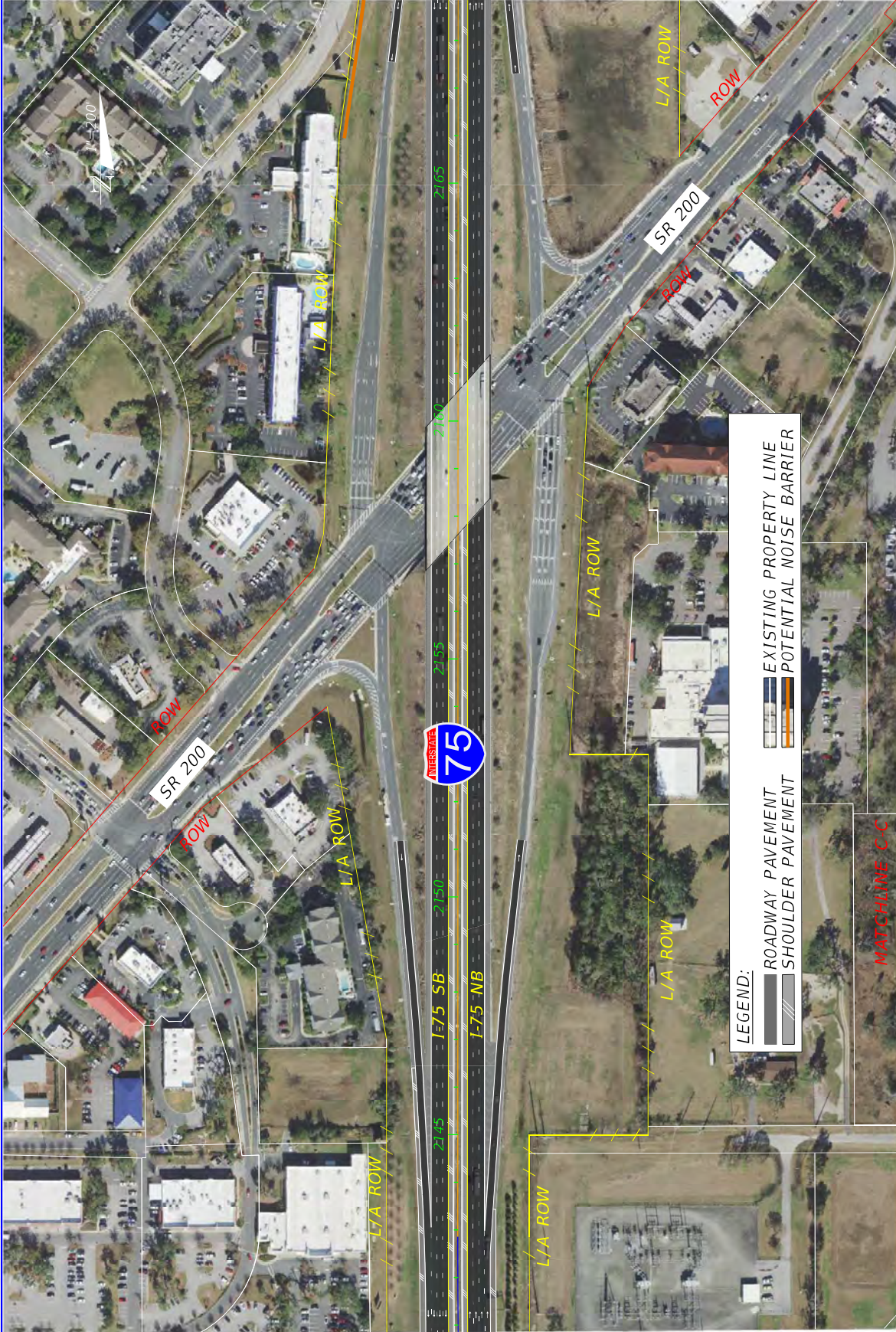


SR 93
MARTIN SUMTER

DEPARTMENT OF TRANSPORTATION
COUNTY FINANCIAL PROJECT ID
452074-2-22-01

CONCEPT PLAN (59)

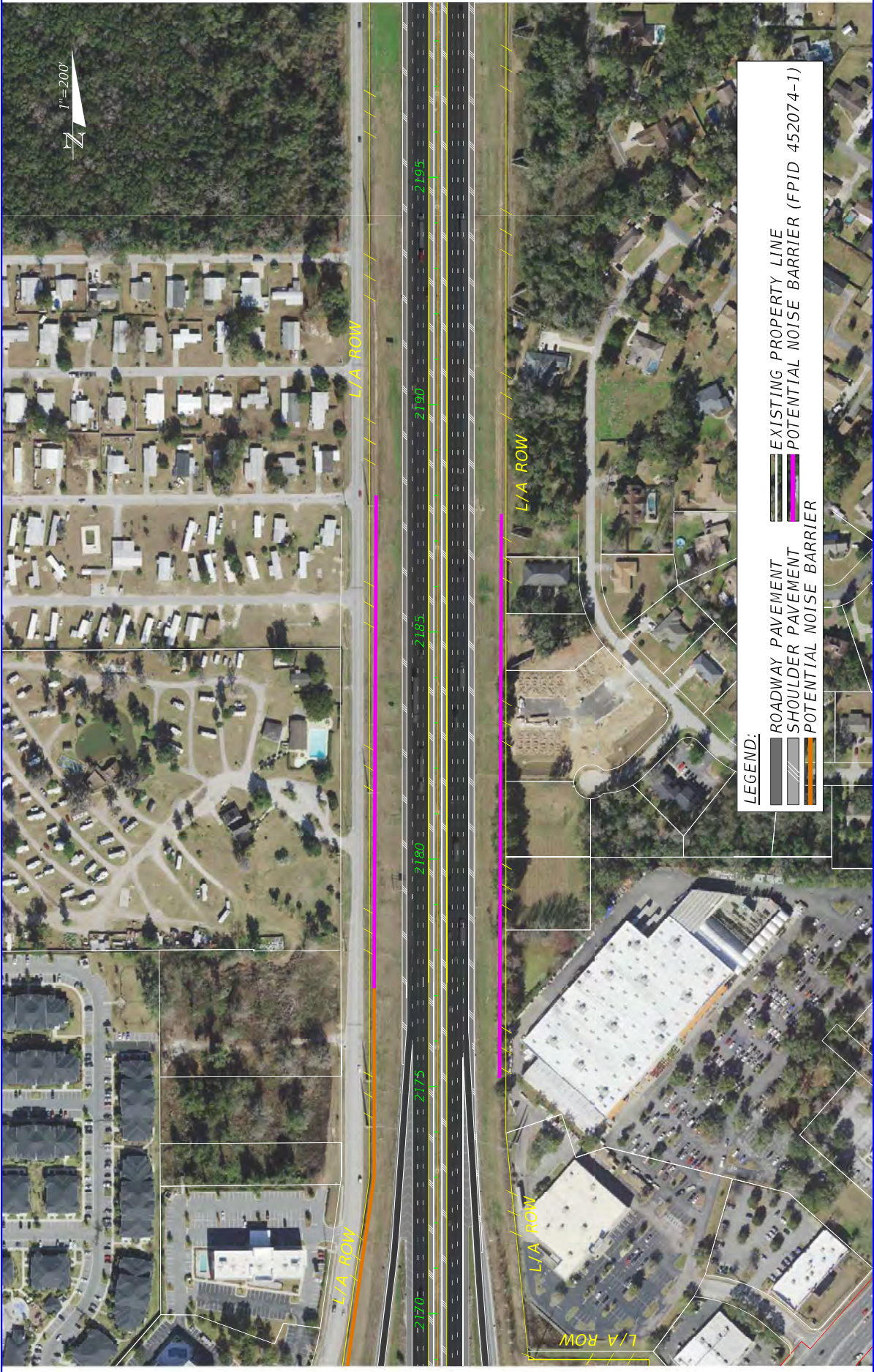
SHEET NO. 44



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO.	FINANCIAL PROJECT ID
SR 93	452074-2-22-01
COUNTY	MARION
SUMTER	SUMTER

<h1 style="margin: 0;">VOLKERT</h1>	<h2 style="margin: 0;">CONCEPT PLAN (40)</h2>
-------------------------------------	---



LEGEND:

	ROADWAY PAVEMENT		EXISTING PROPERTY LINE
	SHOULDER PAVEMENT		POTENTIAL NOISE BARRIER (FPID 452074-1)
	POTENTIAL NOISE BARRIER		

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
		STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION		
		ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 93	MARION	452074-2-22-01	CONCEPT PLAN (41)	
		SUMTER	SHEET NO. 46	



LEGEND:
 PREFERRED POND SITE
 EXISTING PROPERTY LINE

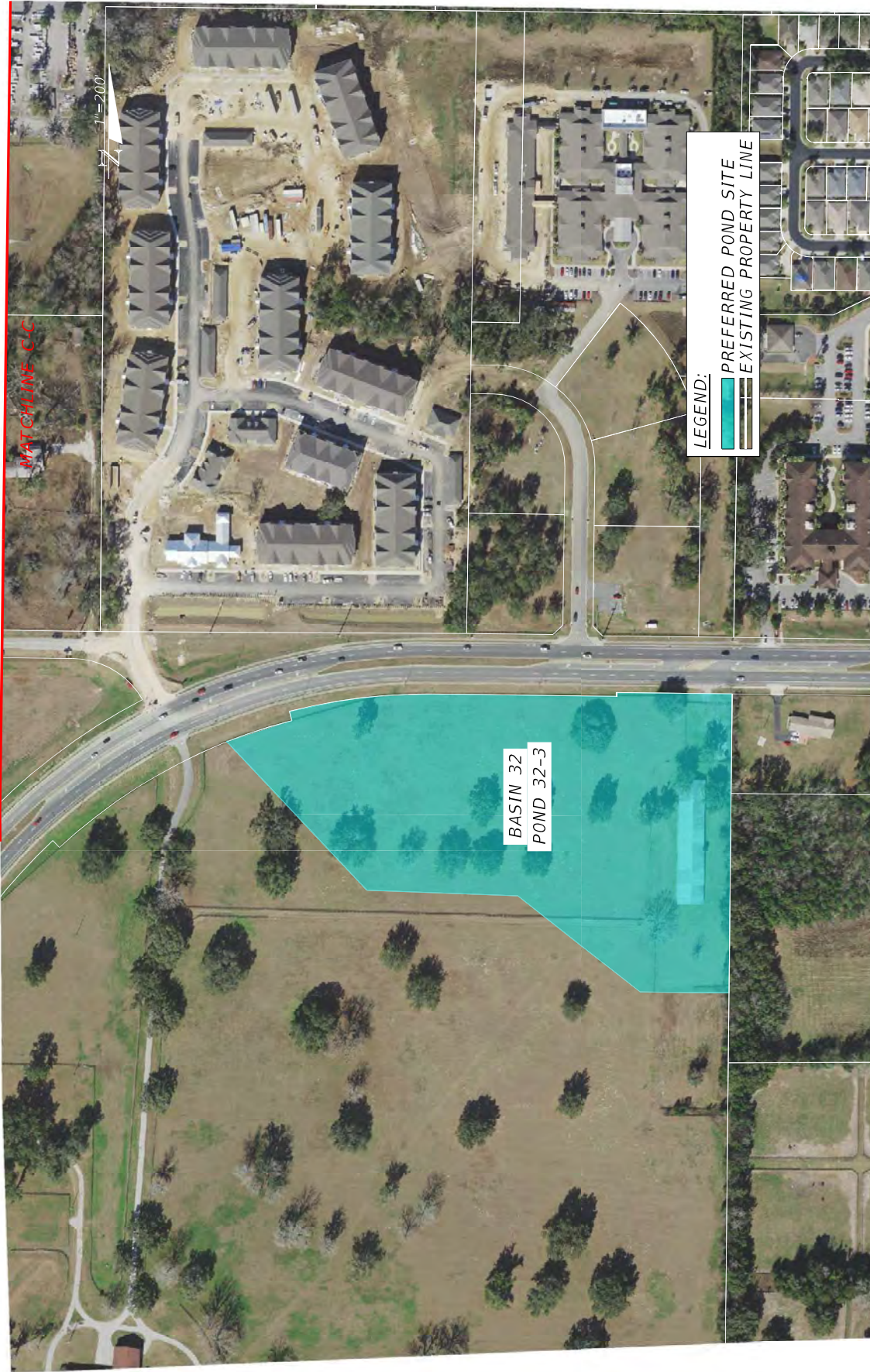
MATCHLINE A-A

BASIN 16
 POND 16-3

1" = 200'

DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION	
SR 93				ROAD NO.		DEPARTMENT OF TRANSPORTATION		CONCEPT PLAN (42)	
MARION COUNTY				COUNTY		FINANCIAL PROJECT ID		SHEET NO.	
SUMNER				SUMNER		452074-2-22-01		47	

VOLKERT



DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION

SR 93		DEPARTMENT OF TRANSPORTATION	
ROAD NO.		FINANCIAL PROJECT ID	
MARION COUNTY	MARION COUNTY	452074-2-22-01	
SR 93		452074-2-22-01	

CONCEPT PLAN (44)	
SHEET NO.	49

VOLKERT

APPENDIX B

Existing Typical Section of Bridges

C.R. 462 Bridge (#180047):

The existing typical section of the C.R. 462 bridge over I-75 is shown in **Figure B-1**. The bridge (Bridge # 180047) was built using prestressed concrete beams. The typical section consists of two 14-foot-wide lanes in each direction with an approximately 5-foot outside shoulder on one side and a 3-foot outside shoulder on the opposite side.

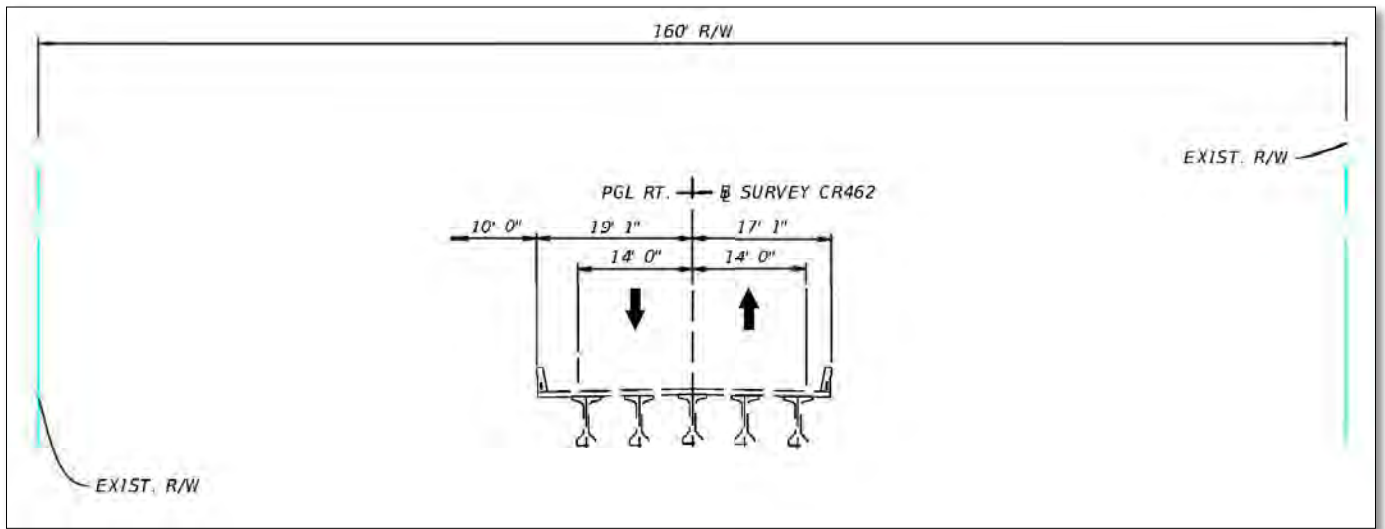


Figure B-1: Existing Typical Section of C.R. 462 Bridge # 180047 (Over I-75)

C.R. 475 Bridge (#180048):

The existing typical section of the C.R. 475 bridge over I-75 is shown in **Figure B-2**. The bridge (# 180048) was built using prestressed concrete beams. The typical section consists of two 14-foot-wide lanes in each direction with approximately 3-foot outside shoulders on both sides of the road.

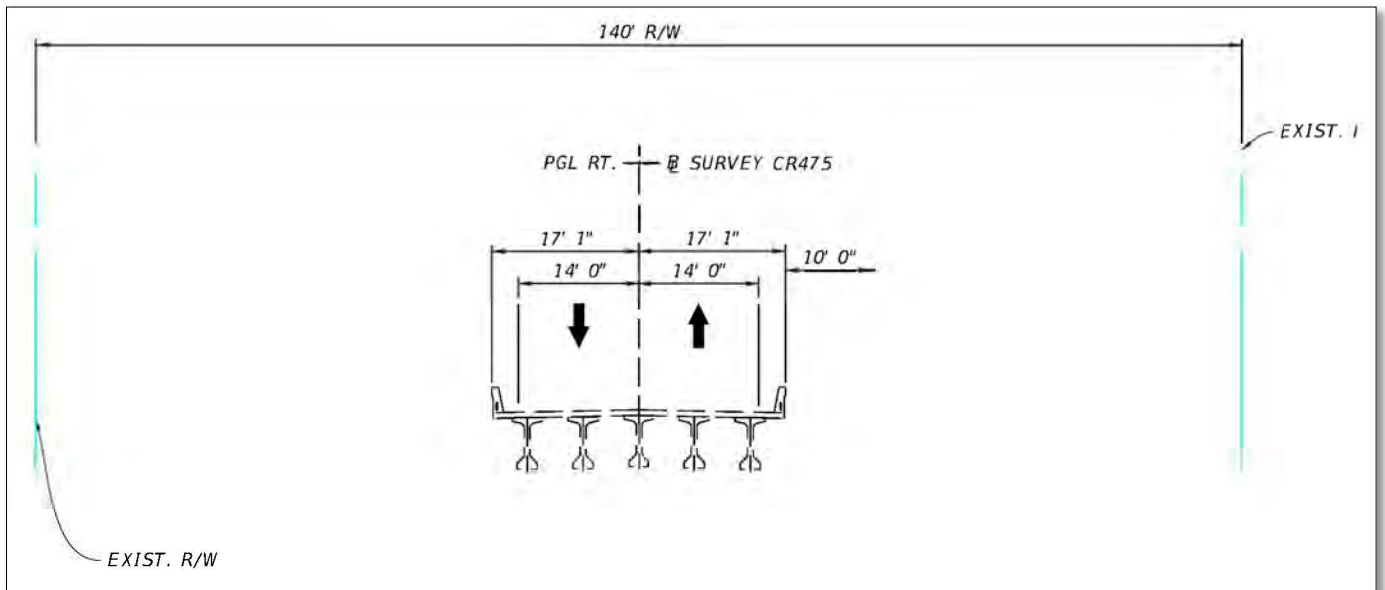


Figure B-2: Existing Typical Section of C.R. 475 Bridge # 180048 (Over I-75)

SW 66th Street Bridge (#360048):

The existing typical section of the SW 66th Street bridge over I-75 is shown in **Figure B-3**. The bridge (# 360048) was built using prestressed concrete beams. The typical section consists of two 14-foot-wide lanes in each direction with approximately 3-foot outside shoulders on both sides of the road.

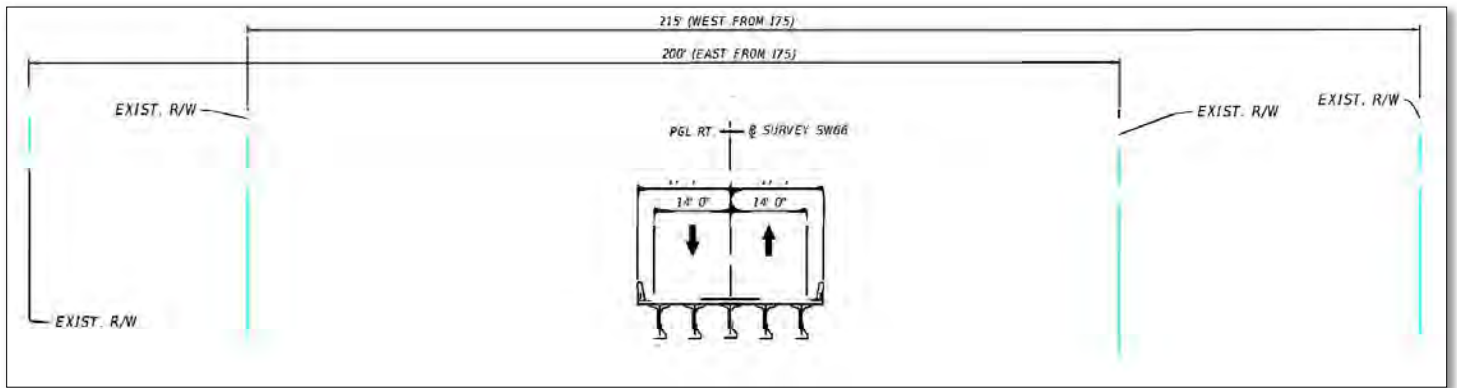


Figure B-3: Existing Typical Section of SW 66th Street Bridge # 360048 (Over I-75)

APPENDIX C

Typical Section Package

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION PACKAGE

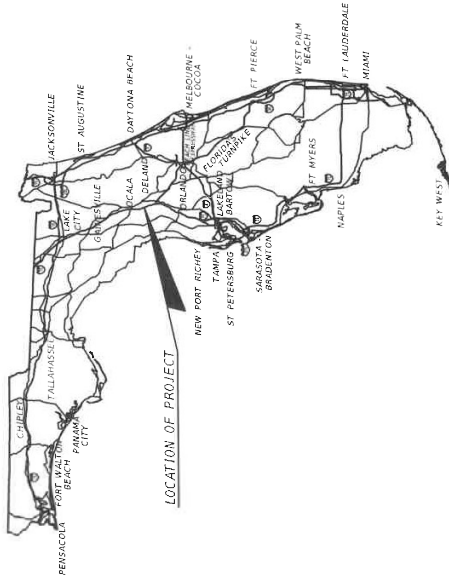
FINANCIAL PROJECT ID 452074-2-22-01

SUMTER COUNTY (18130)

MARION COUNTY (36210)

STATE ROAD NO. SR 93 (1-75)

ADD AUXILIARY LANES FROM SOUTH OF SR 44 TO SOUTH SR 200



ED KESTORY, P.E.
FDOT DISTRICT DESIGN ENGINEER

FDDOT DISTRICT TRAFFIC OPERATIONS
ENGINEER

CONCURRING WITH:
CONTEXT CLASSIFICATION
TARGET SPEED
DESIGN & POSTED SPEEDS

CONCURRING WITH:
TARGET SPEED
DESIGN & POSTED SPEEDS

FDDOT DISTRICT INTERMODAL SYSTEMS
DEVELOPMENT MANAGER

FDDOT DISTRICT STRUCTURES
DESIGN ENGINEER

CONCURRING WITH:
CONTEXT CLASSIFICATION
TARGET SPEED

CONCURRING WITH:
TYPICAL SECTION ELEMENTS

DEBORAH SWYDER, P.E., PTOE
PUBLIC WORKS DIRECTOR,
SUMTER COUNTY

STEVEN COHOON, P.E.
OFFICE OF THE COUNTY ENGINEER,
MARION COUNTY

CONCURRING WITH:
TYPICAL SECTION ELEMENTS

CONCURRING WITH:
TYPICAL SECTION ELEMENTS

FHWA TRANSPORTATION ENGINEER

NOT USED

CONCURRING WITH:
TYPICAL SECTION ELEMENTS

CONCURRING WITH:

PROJECT LOCATION URL:	https://tinyurl.com/yycy95jm9	
PROJECT LIMITS:	WIDENING/RECONSTRUCTION	
	SUMTER	BEGIN MP 21,778 END MP 28,996
	MARION	BEGIN MP 0 END MP 14,200
EXCEPTIONS:	BRIDGES (360001 & 360045)	MP 4.970 TO MP 4.999
BRIDGE LIMITS:	(180070)	MP 22.607 TO MP 22.668
	(180069)	MP 22.607 TO MP 22.661
	(180047)	MP 24.183 TO MP 24.189
	(180048)	MP 26.841 TO MP 26.847
	(369001)	MP 6.944 TO MP 6.954
	(360048)	MP 11.931 TO MP 11.937
	(365302)	MP 13.420 TO MP 13.433
	(360063)	MP 13.917 TO MP 13.975
RAILROAD CROSSING:	NONE	

APPROVED BY:



John Saunders 2024.06.25
16.07.29-04'00'

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

VOLKERT, INC.
100 W. WASHINGTON BLVD., SUITE 600
TAMPA, FL 33607
JOHN K. SAUNDERS, P.E. 45371

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G13-23.004, F.A.C.

INDEX OF SHEETS

SHEET NO	SHEET DESCRIPTION
1	COVER SHEET
2 - 8	MAINLINE TYPICAL SECTION No. 1 - 7
9 - 10	RAMP TYPICAL SECTION No. 8 - 9
11	STRUCTURE TYPICAL SECTION No. 10
12 - 14	OVERPASS STRUCTURES No. 11 - 13
15	OVERPASS ROADWAY No. 14

TYPICAL SECTION No. 2

PROJECT CONTROLS

- CONTEXT CLASSIFICATION**
- () C1 : NATURAL
 - () C2 : RURAL
 - () C3 : SUBURBAN COMM.
 - () C4 : URBAN GENERAL
 - () C5 : URBAN CENTER
 - () C6 : URBAN CORE
 - () C7 : RURAL TOWN
 - () C8 : SUBURBAN RES.
 - () C9 : URBAN CORE
 - (X) N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- (X) INTERSTATE
- () MAJOR COLLECTOR
- () FREEWAY/EXPWY.
- () MINOR COLLECTOR
- () PRINCIPAL ARTERIAL
- () LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- (X) NATIONAL HIGHWAY SYSTEM
- (X) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

- (X) 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

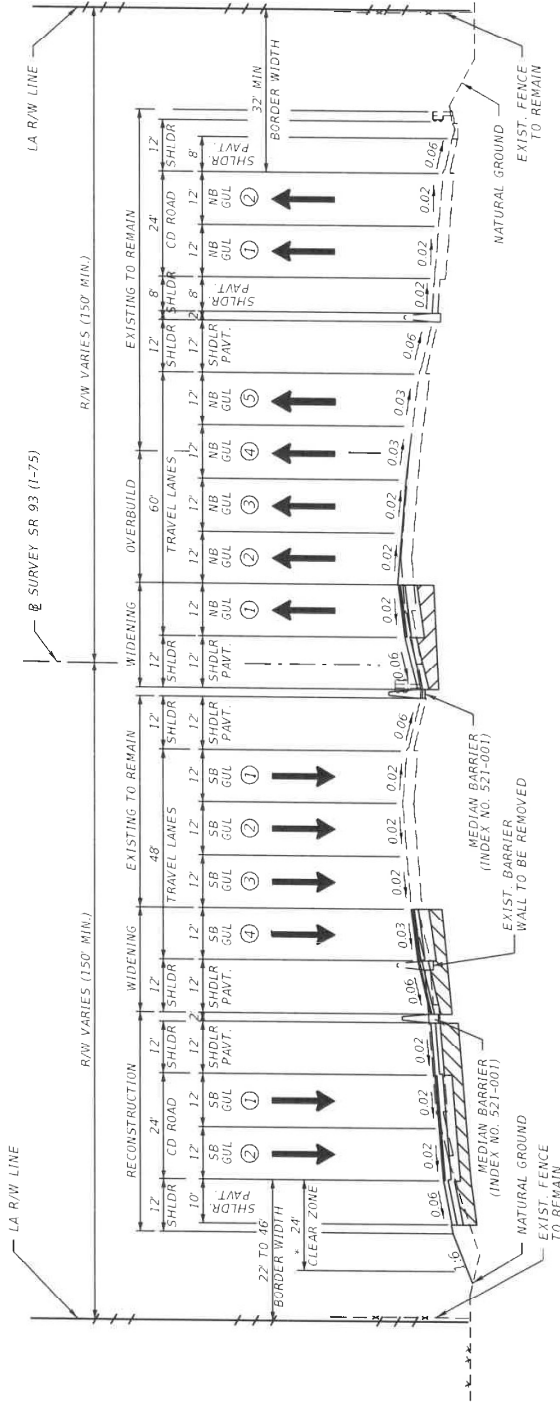
CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- (X) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

DESIGN VARIATION MEMORANDUM

1. BORDER WIDTH



* GUARDRAIL WILL BE INSTALLED FOR LENGTH OF THE PROJECT WHERE CLEAR ZONE REQUIREMENT IS NOT MET.

TYPICAL SECTION
 SR 93 - SOUTHBOUND MAINLINE
 M.P. 22.023 TO M.P. 22.402 (SUMTER COUNTY)

TYPICAL SECTION
 SR 93 - NORTHBOUND MAINLINE
 M.P. 22.165 TO M.P. 22.430 (SUMTER COUNTY)

TRAFFIC DATA

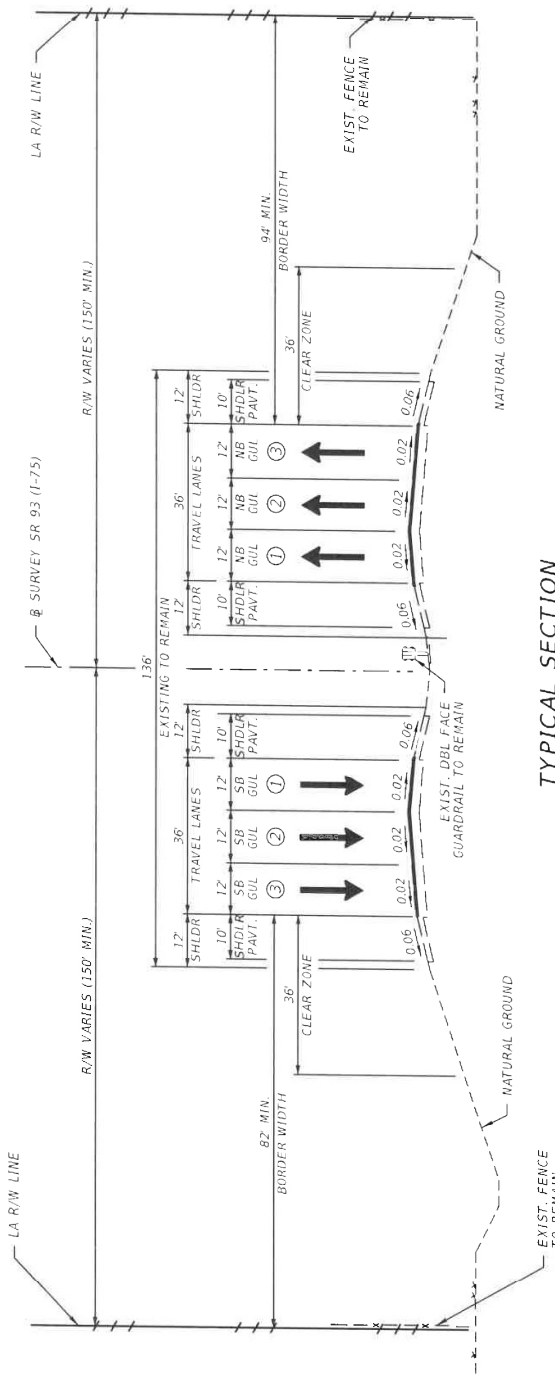
- CURRENT YEAR = 2019 ADMT = 81,000 - 97,000
- ESTIMATED OPENING YEAR = 2030 ADMT = 102,000 - 121,000
- ESTIMATED DESIGN YEAR = 2040 ADMT = 121,000 - 143,000
- K = 9% D = 59% T = 21.9% (24 HOUR)
- DESIGN HOUR T = 10.9%
- TARGET SPEED = 70 MPH
- DESIGN SPEED = 70 MPH
- POSTED SPEED = 70 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452074-2-23-01	3

TYPICAL SECTION No. 7

<p>PROJECT CONTROLS</p> <p><u>CONTEXT CLASSIFICATION</u></p> <p>() C1 : NATURAL () C3C : SUBURBAN COMM. () C2 : RURAL () C4 : URBAN GENERAL () C2T : RURAL TOWN () C5 : URBAN CENTER () C3R : SUBURBAN RES. () C6 : URBAN CORE (X) N/A : L.A. FACILITY</p>	
<p><u>FUNCTIONAL CLASSIFICATION</u></p> <p>(X) INTERSTATE () MAJOR COLLECTOR () FREEWAY/EXPWY. () MINOR COLLECTOR () PRINCIPAL ARTERIAL () LOCAL () MINOR ARTERIAL</p>	
<p><u>HIGHWAY SYSTEM</u></p> <p>(X) NATIONAL HIGHWAY SYSTEM (X) STRATEGIC INTERMODAL SYSTEM (X) STATE HIGHWAY SYSTEM () OFF-STATE HIGHWAY SYSTEM</p>	
<p><u>ACCESS CLASSIFICATION</u></p> <p>(X) 1 - FREEWAY () 2 - RESTRICTIVE w/Service Roads () 3 - RESTRICTIVE w/660 ft. Connection Spacing () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing () 5 - RESTRICTIVE w/440 ft. Connection Spacing () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing () 7 - BOTH MEDIAN TYPES</p>	
<p><u>CRITERIA</u></p> <p>() NEW CONSTRUCTION / RECONSTRUCTION (X) RESURFACING (LA FACILITIES) () RRR (ARTERIALS & COLLECTORS)</p>	
<p>POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:</p>	



TYPICAL SECTION
 SR 93 - MAINLINE
 M.P. 4.780 TO M.P. 4.970 (MARION COUNTY)
 M.P. 4.999 TO M.P. 5.187 (MARION COUNTY)

TRAFFIC DATA

CURRENT YEAR	= 2019 ADT = 81,000 - 97,000
ESTIMATED OPENING YEAR	= 2030 ADT = 102,000 - 121,000
ESTIMATED DESIGN YEAR	= 2040 ADT = 121,000 - 143,000
K = 9% D = 55% T = 21.9% (24 HOUR)	
DESIGN HOUR T = 10.9%	
TARGET SPEED = 70 MPH	
DESIGN SPEED = 70 MPH	
POSTED SPEED = 70 MPH	

FINANCIAL PROJECT ID	452074-2-22-01
SHEET NO.	8

TYPICAL SECTION No. 8

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL
- () C2 : RURAL
- () C2T : RURAL TOWN
- () C3R : SUBURBAN RES.
- (X) N/A : L.A. FACILITY
- () C3C : SUBURBAN COMM.
- () C4 : URBAN GENERAL
- () C5 : URBAN CENTER
- () C6 : URBAN CORE

FUNCTIONAL CLASSIFICATION

- (X) INTERSTATE
- () FREEWAY/EXPWY.
- () PRINCIPAL ARTERIAL
- () MINOR ARTERIAL
- () MAJOR COLLECTOR
- () MINOR COLLECTOR
- () LOCAL

HIGHWAY SYSTEM

- (X) NATIONAL HIGHWAY SYSTEM
- (X) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

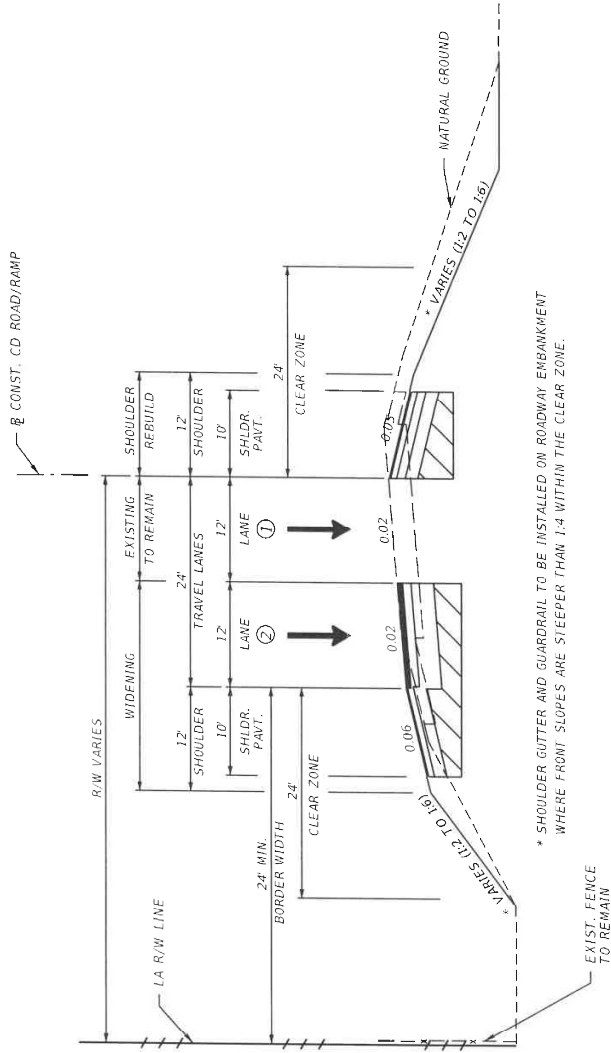
- (X) 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- (X) RESURFACING (I.A. FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

DESIGN VARIATION MEMORANDUM
1. BORDER WIDTH



TYPICAL SECTION
SR 93 - 2 LANE RAMP
DESIGN SPEED = 45 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452074-2-22-01	9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER PUBLIC LAW 107-345

TYPICAL SECTION No. 10

PROJECT CONTROLS

- CONTEXT CLASSIFICATION**
- () C1 : NATURAL
 - () C2 : RURAL
 - () C2T : RURAL TOWN
 - () C3R : SUBURBAN RES.
 - (X) N/A : L.A. FACILITY
 - () C3C : SUBURBAN COMM.
 - () C4 : URBAN GENERAL
 - () C5 : URBAN CENTER
 - () C6 : URBAN CORE

FUNCTIONAL CLASSIFICATION

- (X) INTERSTATE
- () FREEWAY/EXPWY.
- () PRINCIPAL ARTERIAL
- () MINOR ARTERIAL
- () MAJOR COLLECTOR
- () MINOR COLLECTOR
- () LOCAL

HIGHWAY SYSTEM

- (X) NATIONAL HIGHWAY SYSTEM
- (X) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

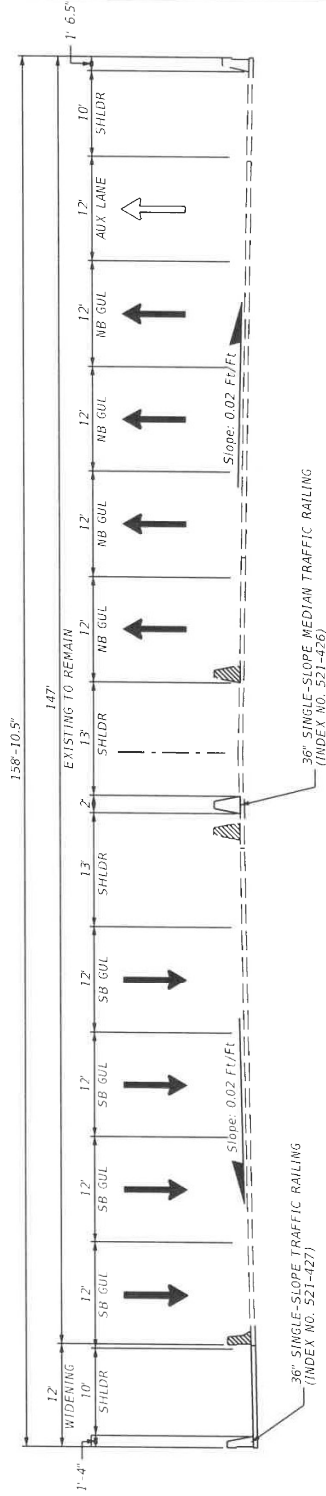
- (X) 1 - FREEWAY
- () 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- (X) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

8 SURVEY SR 93 (1-75)



TYPICAL SECTION
 SR 93 - SOUTHBOUND
 BRIDGE # 180070 OVER SR 44
 M.P. 22.607 TO M.P. 22.668 (SUMTER COUNTY)

SR 93 - NORTHBOUND
 BRIDGE # 180069 OVER SR 44
 M.P. 22.607 TO M.P. 22.661 (SUMTER COUNTY)

LEGEND	
---	EXISTING TO REMAIN
	EXISTING TO BE DEMOLISHED
—	NEW

*NOTE: MINIMUM VERTICAL CLEARANCE (MVC) TO EXISTING BRIDGE. EXISTING MVC WILL NOT BE REDUCED.

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = 81,000 - 97,000
 ESTIMATED OPENING YEAR = 2030 AADT = 102,000 - 121,000
 ESTIMATED DESIGN YEAR = 2040 AADT = 121,000 - 143,000
 K = 9% D = 59% T = 21.9% (24 HOUR)
 DESIGN HOUR T = 10.9%
 TARGET SPEED = 70 MPH
 DESIGN SPEED = 70 MPH
 POSTED SPEED = 70 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452074-2-22-01	11

TYPICAL SECTION No. 11

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : RURAL
- () C2 : RURAL
- () C2T : RURAL TOWN
- () C3R : SUBURBAN RES.
- () N/A : L.A. FACILITY
- () C3C : SUBURBAN COMM.
- () C4 : URBAN GENERAL
- () C5 : URBAN CENTER
- () C6 : URBAN CORE
- (X) N/A : FL. GREEN BOOK

FUNCTIONAL CLASSIFICATION

- () INTERSTATE
- () FREEWAY/EXPWT.
- () PRINCIPAL ARTERIAL
- () MINOR ARTERIAL
- () MAJOR COLLECTOR
- () MINOR COLLECTOR
- (X) LOCAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM
- (X) OFF-STATE HIGHWAY SYSTEM

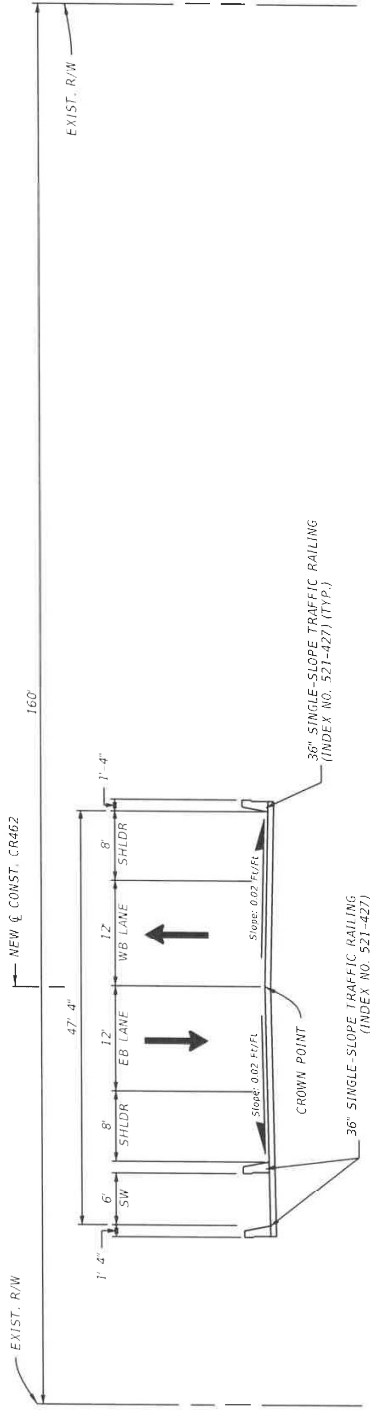
ACCESS CLASSIFICATION

- () 1 - FREEWAY
- (X) 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



TYPICAL SECTION
 CR 462 - BRIDGE
 # 180047 OVER I-75
 M.P. 24.183 TO M.P. 24.189 (SUMTER COUNTY)
 DESIGN SPEED = 45 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452074-2-22-01	12

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL () C4 : URBAN GENERAL
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3R : SUBURBAN RES. () C6 : URBAN CORE
- () N/A : L.A. FACILITY (X) N/A: FL. GREEN BOOK

FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWY. () MINOR COLLECTOR
- () PRINCIPAL ARTERIAL (X) LOCAL
- () MINOR ARTERIAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM#
- (X) OFF-STATE HIGHWAY SYSTEM

ACCESS CLASSIFICATION

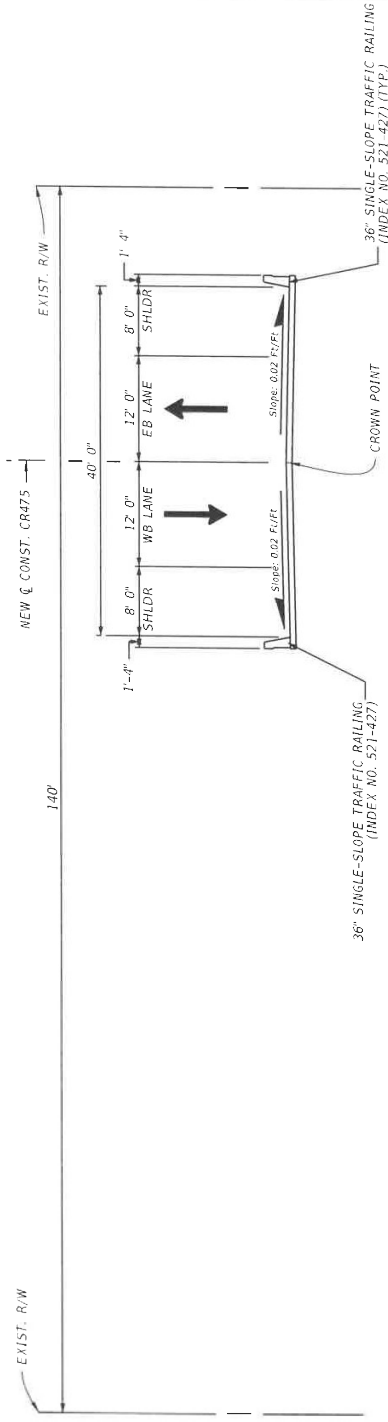
- () 1 - FREEWAY
- (X) 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

TYPICAL SECTION No. 12



TYPICAL SECTION
 CR 475 - BRIDGE
 # 180048 OVER I-75
 M.P. 26.841 TO M.P. 26.847 (SUMTER COUNTY)
 DESIGN SPEED = 45 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452074-2-22-01	13

TYPICAL SECTION No. 13

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL
- () C2 : RURAL
- () C2T : RURAL TOWN
- () C3R : SUBURBAN RES.
- () C3C : SUBURBAN COMM.
- () C4 : URBAN GENERAL
- () C5 : URBAN CENTER
- () C6 : URBAN CORE
- (X) N/A : L.A. FACILITY
- (X) N/A : FL. GREEN BOOK

FUNCTIONAL CLASSIFICATION

- () INTERSTATE
- () FREEWAY/EXPWY.
- () PRINCIPAL ARTERIAL
- () MINOR ARTERIAL
- () MAJOR COLLECTOR
- () MINOR COLLECTOR
- (X) LOCAL

HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM#
- (X) OFF-STATE HIGHWAY SYSTEM

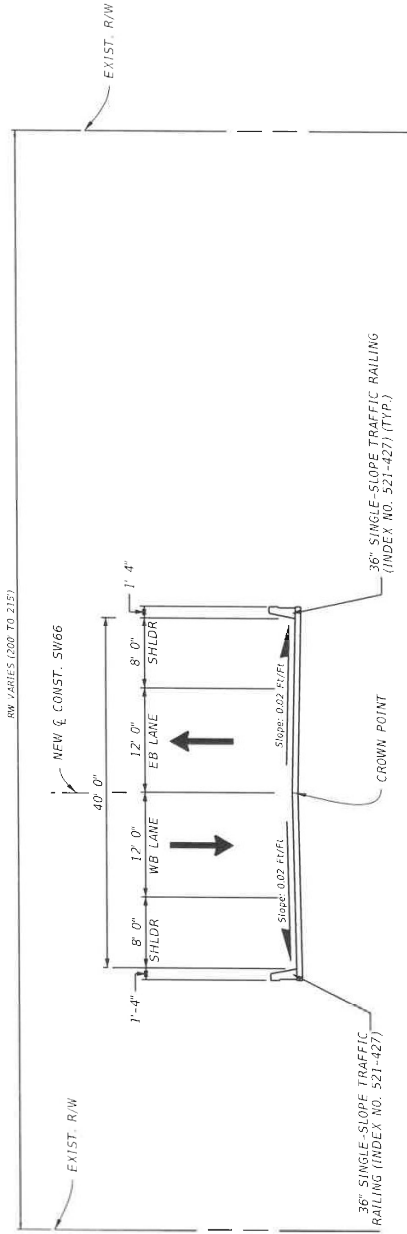
ACCESS CLASSIFICATION

- () 1 - FREEWAY
- (X) 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



TYPICAL SECTION
 SW 66TH ST - BRIDGE
 # 360048 OVER I-75
 M.P. 11.931 TO M.P. 11.937 (MARION COUNTY)
 DESIGN SPEED = 45 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452074-2-22-01	14

TYPICAL SECTION No. 14

PROJECT CONTROLS

- () C1 : NATURAL
- () C2 : RURAL
- () C2T : RURAL TOWN
- () C3R : SUBURBAN RES.
- () C3C : SUBURBAN COMM.
- () C4 : URBAN GENERAL
- () C5 : URBAN CENTER
- () C6 : URBAN CORE
- () N/A : L.A. FACILITY
- (X) N/A : F.L. GREEN BOOK

CONTEXT CLASSIFICATION

- () INTERSTATE
- () FREEWAY/EXPWY.
- () PRINCIPAL ARTERIAL
- () MINOR ARTERIAL
- () MAJOR COLLECTOR
- () MINOR COLLECTOR
- (X) LOCAL

FUNCTIONAL CLASSIFICATION

- () NATIONAL HIGHWAY SYSTEM
- () STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM
- (X) OFF-STATE HIGHWAY SYSTEM

HIGHWAY SYSTEM

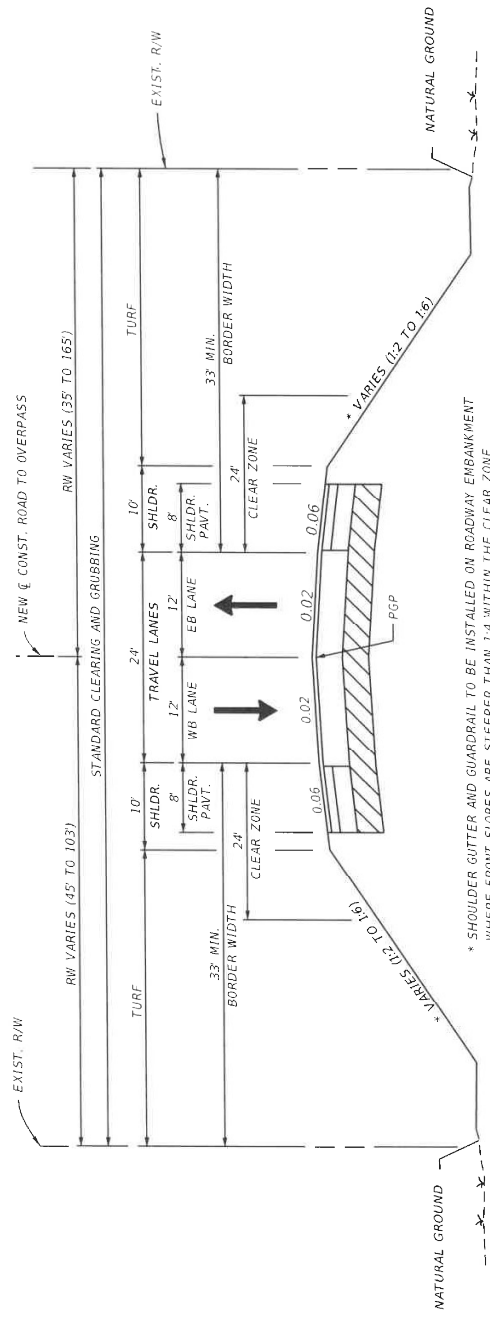
- () 1 - FREEWAY
- (X) 2 - RESTRICTIVE w/Service Roads
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- () 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- () 7 - BOTH MEDIAN TYPES

ACCESS CLASSIFICATION

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

DESIGN VARIATION MEMORANDUM
1. BORDER WIDTH



* SHOULDER GUTTER AND GUARDRAIL TO BE INSTALLED ON ROADWAY EMBANKMENT WHERE FRONT SLOPES ARE STEEPER THAN 1:4 WITHIN THE CLEAR ZONE.

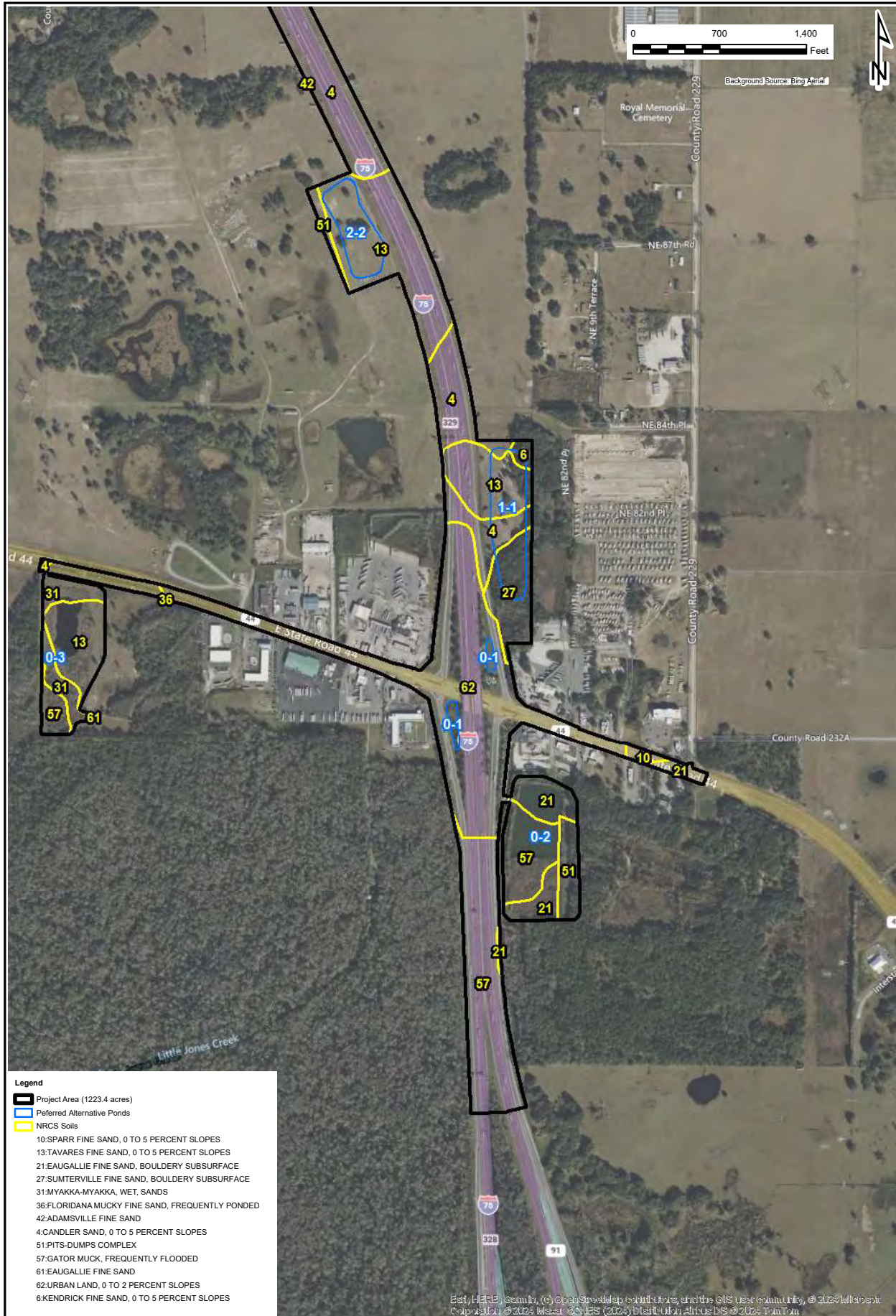
TYPICAL SECTION
CROSS STREETS
CR 462 (SUMTER COUNTY)
CR 475 (SUMTER COUNTY)
SW 66TH ST (MARION COUNTY)
750' EAST AND WEST FROM EACH OVERPASS BRIDGE

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
452074-2-22-01	15


APPENDIX D

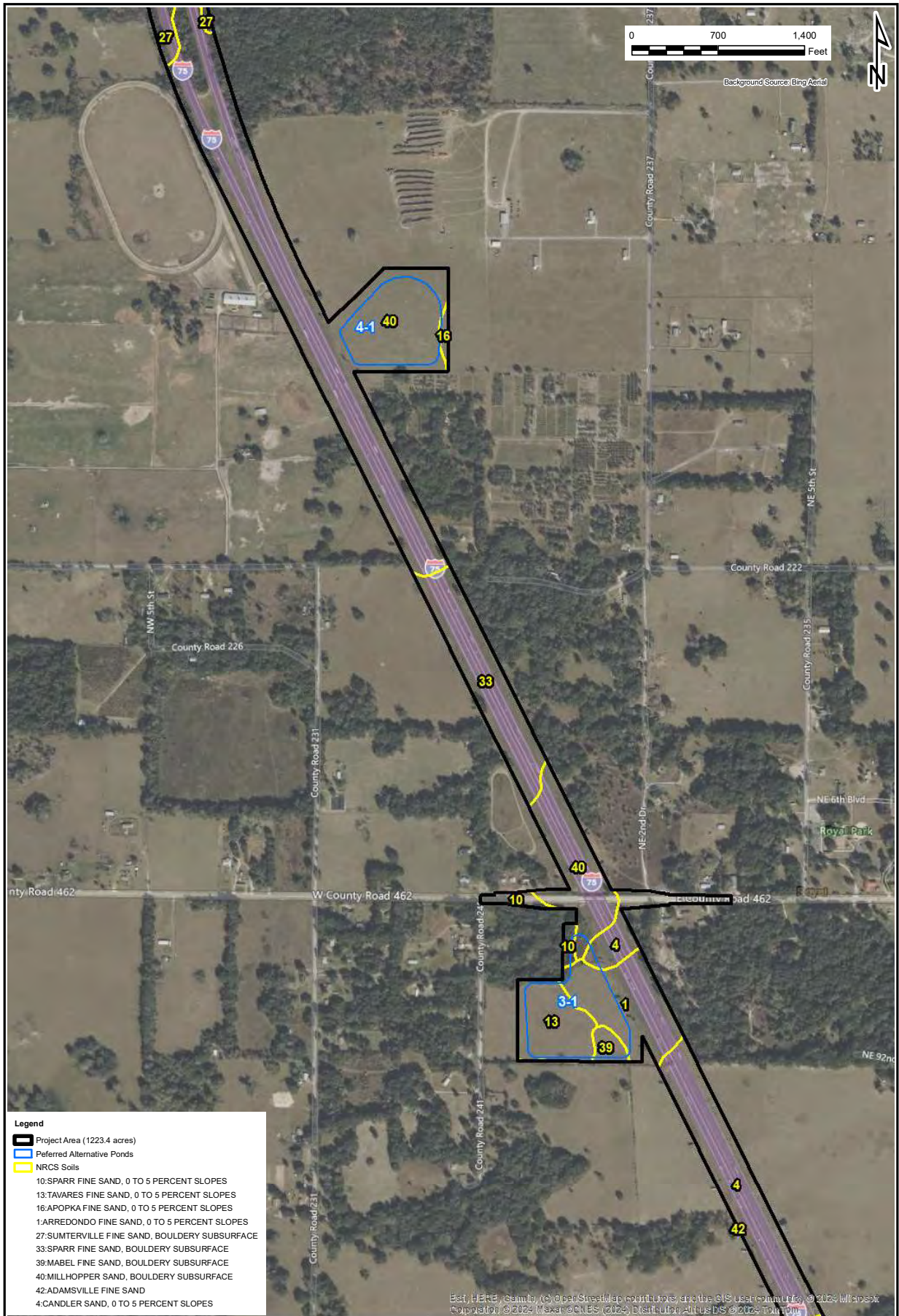
USGS Map and NRCS Soil Survey Maps



- Legend**
- Project Area (1223.4 acres)
 - Preferred Alternative Ponds
 - NRCS Soils
 - 10.SPARR FINE SAND, 0 TO 5 PERCENT SLOPES
 - 13.TAVARES FINE SAND, 0 TO 5 PERCENT SLOPES
 - 21.EAUGALLIE FINE SAND, BOULDERY SUBSURFACE
 - 27.SUMTERVILLE FINE SAND, BOULDERY SUBSURFACE
 - 31.MYAKKA-MYAKKA, WET, SANDS
 - 36.FLORIDANA MUCKY FINE SAND, FREQUENTLY PONDED
 - 42.ADAMSVILLE FINE SAND
 - 4.CANDLER SAND, 0 TO 5 PERCENT SLOPES
 - 51.PITS-DUMPS COMPLEX
 - 57.GATOR MUCK, FREQUENTLY FLOODED
 - 61.EAUGALLIE FINE SAND
 - 62.URBAN LAND, 0 TO 2 PERCENT SLOPES
 - 6.KENDRICK FINE SAND, 0 TO 5 PERCENT SLOPES

Esri, HERE, Garmin, © OpenStreetMap contributors, and the GIS User community, © 2024 Microsoft Corporation © 2024 Intel © CNES (2024) Distribution Airbus DS © 2024 Trimble


	<p>I-75/State Road (S.R.) 93 from South of S.R. 44 to S.R. 200 Natural Resources Evaluation</p> <p>Sumter and Marion Counties, Florida</p>	<p>NRCS Soils Map</p>	
<p>PROJECT NUMBER: 108852</p>		<p>SCALE: 1"=700'</p>	<p>DATE: 3/22/2024</p>

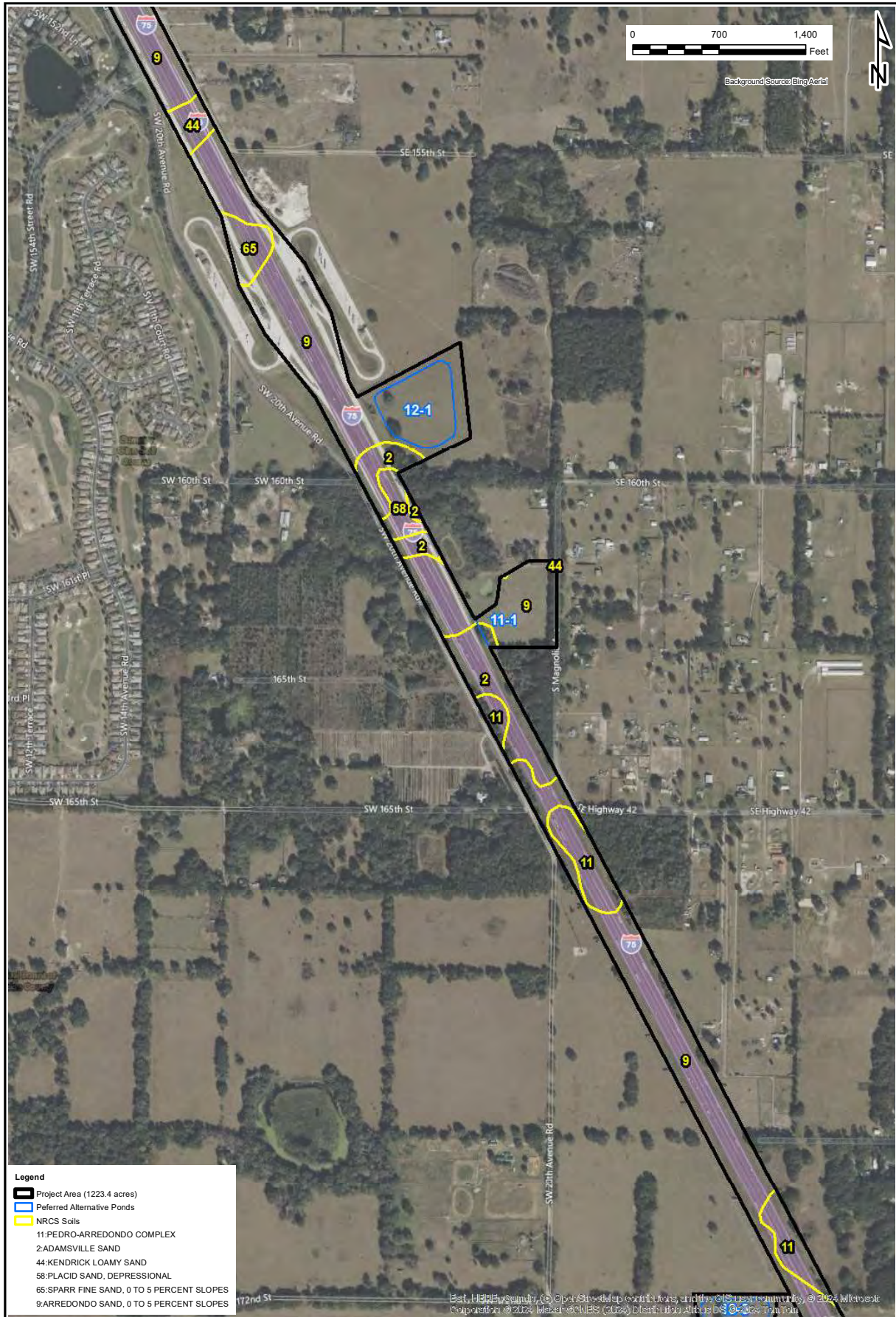


Legend

- Project Area (1223.4 acres)
- Preferred Alternative Ponds
- NRCS Soils

- 10: SPARR FINE SAND, 0 TO 5 PERCENT SLOPES
- 13: TAVARES FINE SAND, 0 TO 5 PERCENT SLOPES
- 16: APOPKA FINE SAND, 0 TO 5 PERCENT SLOPES
- 1: ARREDONDO FINE SAND, 0 TO 5 PERCENT SLOPES
- 27: SUMTERVILLE FINE SAND, BOULDERY SUBSURFACE
- 33: SPARR FINE SAND, BOULDERY SUBSURFACE
- 39: MABEL FINE SAND, BOULDERY SUBSURFACE
- 40: MILLHOPPER SAND, BOULDERY SUBSURFACE
- 42: ADAMSVILLE FINE SAND
- 4: CANDLER SAND, 0 TO 5 PERCENT SLOPES

 PROJECT NUMBER: 108852	I-75/State Road (S.R.) 93 from South of S.R. 44 to S.R. 200 Natural Resources Evaluation Sumter and Marion Counties, Florida	NRCS Soils Map SCALE: 1"=700' DATE: 3/22/2024
--	--	---



- Legend**
- Project Area (1223.4 acres)
 - Preferred Alternative Ponds
 - NRCS Soils
- NRCS Soils**
- 11: PEDRO-ARREDONDO COMPLEX
 - 2: ADAMSVILLE SAND
 - 44: KENDRICK LOAMY SAND
 - 58: PLACID SAND, DEPRESSIONAL
 - 65: SPARR FINE SAND, 0 TO 5 PERCENT SLOPES
 - 9: ARREDONDO SAND, 0 TO 5 PERCENT SLOPES

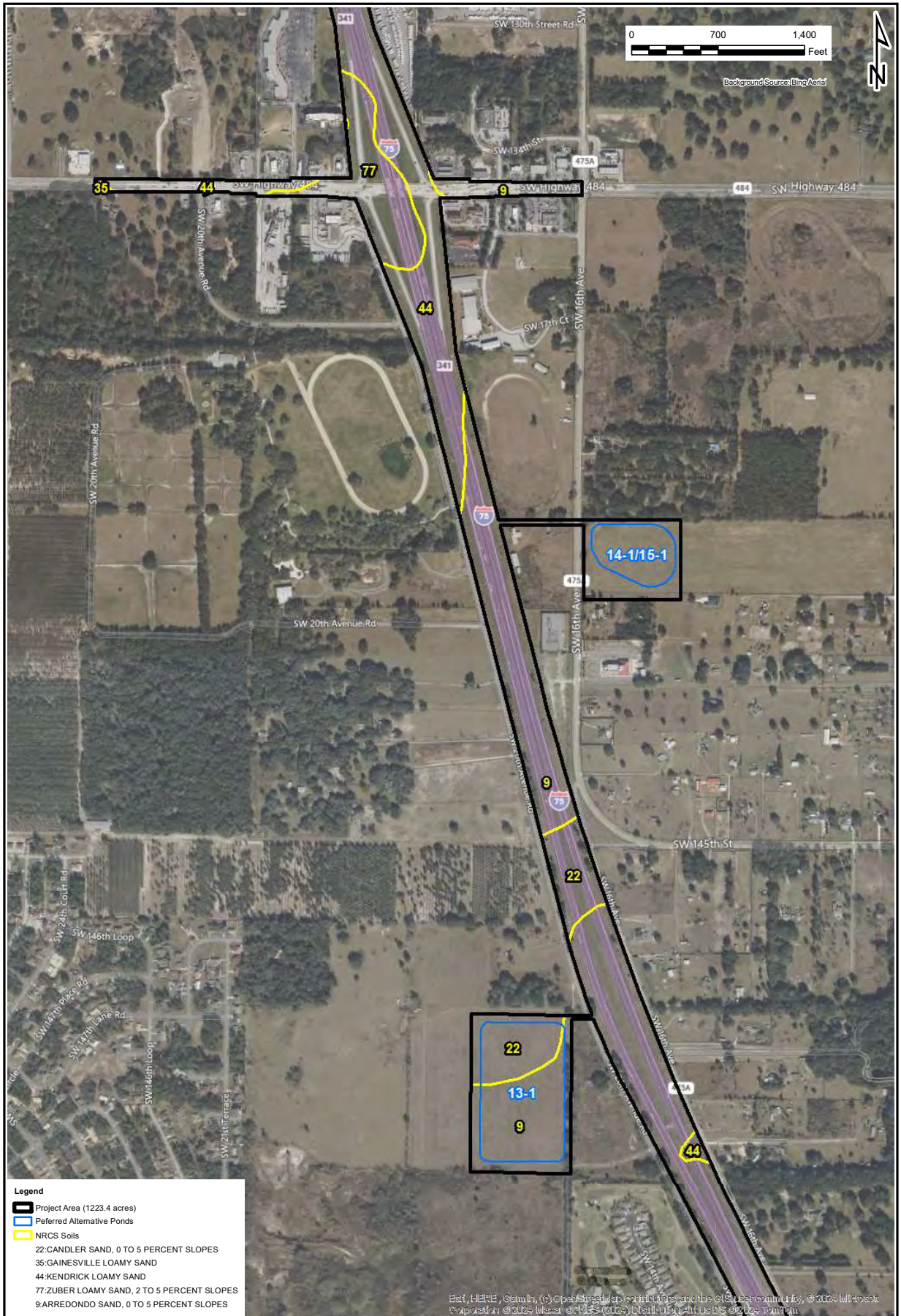


**I-75/State Road (S.R.) 93 from South of
S.R. 44 to S.R. 200
Natural Resources Evaluation**
Sumter and Marion Counties, Florida

NRCS Soils Map

SCALE: 1"=700' DATE: 3/22/2024

Base: HERE, satellite, © OpenStreetMap contributors, and the GIS user community, © 2024 Mapbox Corporation, © 2024, Mapbox © NLS (2024) Distributed under CC BY, © 2024 TomTom



Legend

- Project Area (1223.4 acres)
- Preferred Alternative Ponds
- NRCS Soils
- 22: CANDLER SAND, 0 TO 5 PERCENT SLOPES
- 35: GAINESVILLE LOAMY SAND
- 44: KENDRICK LOAMY SAND
- 77: ZUBER LOAMY SAND, 2 TO 5 PERCENT SLOPES
- 9: ARREDONDO SAND, 0 TO 5 PERCENT SLOPES

FDOT

PROJECT NUMBER:
108852

**I-75/State Road (S.R.) 93 from South of
S.R. 44 to S.R. 200
Natural Resources Evaluation**
Sumter and Marion Counties, Florida


NRCS Soils Map

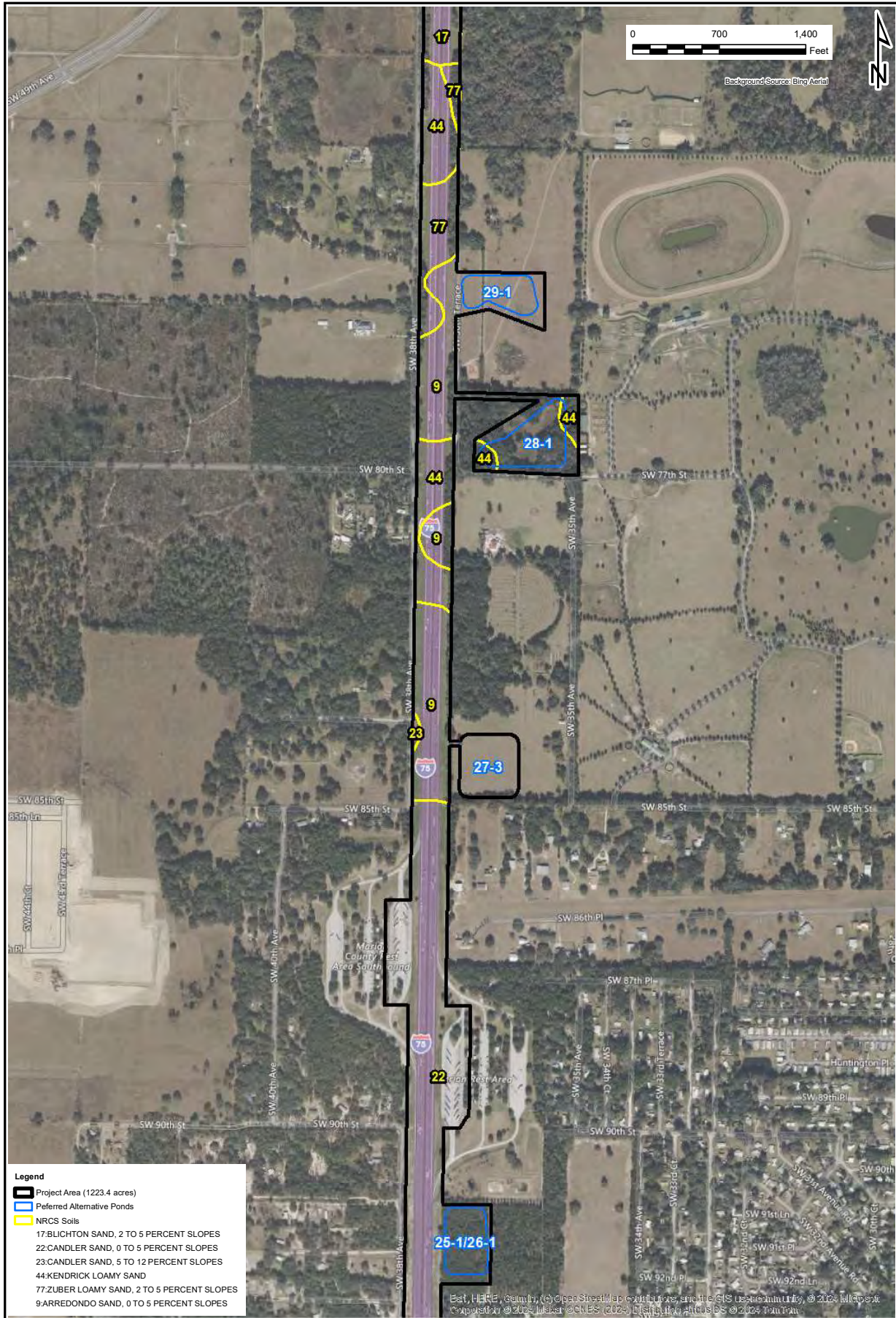
SCALE: 1"=700' DATE: 3/22/2024




- Legend**
- Project Area (1223.4 acres)
 - Preferred Alternative Ponds
 - NRCS Soils
 - 22: CANDLER SAND, 0 TO 5 PERCENT SLOPES
 - 2: ADAMSVILLE SAND
 - 43: KANAPAHA-KANAPAHA, WET, FINE SAND
 - 44: KENDRICK LOAMY SAND
 - 79: UDORTHERENTS, EXCAVATED
 - 9: ARREDONDO SAND, 0 TO 5 PERCENT SLOPES

Est. HERE, Gambia, (c) GeoStreetWeb.com, and the GIS user community. © 2024 Microsoft Corporation © 2024 Maxar © CNES (2024) Distribution Airbus DS © 2024 Mapbox

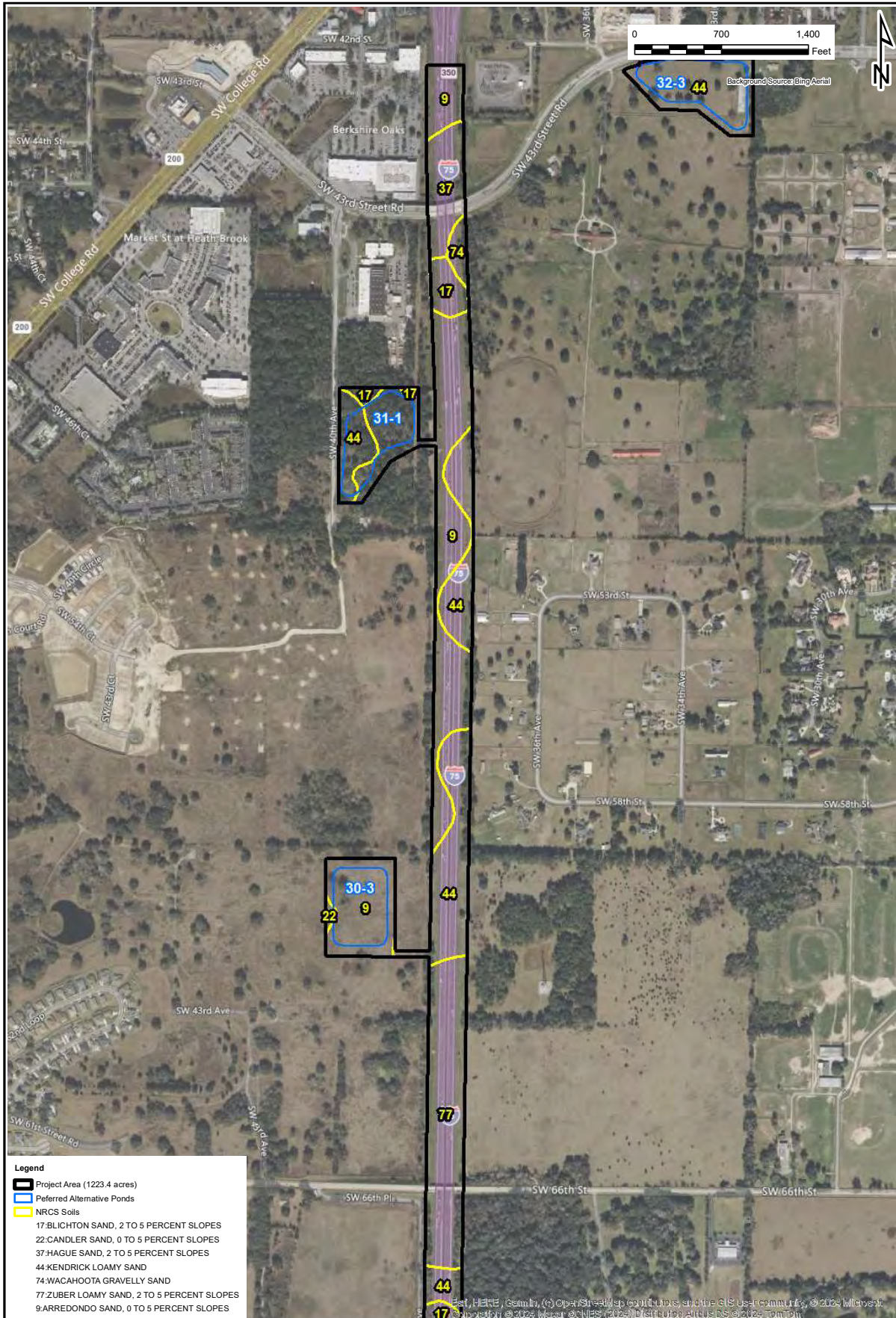
 PROJECT NUMBER: 108852	I-75/State Road (S.R.) 93 from South of S.R. 44 to S.R. 200 Natural Resources Evaluation Sumter and Marion Counties, Florida	NRCS Soils Map SCALE: 1"=700' DATE: 3/22/2024	
--	--	---	--



- Legend**
- Project Area (1223.4 acres)
 - Preferred Alternative Ponds
 - NRCS Soils
- 17:BLIGHTON SAND, 2 TO 5 PERCENT SLOPES
 22:CANDLER SAND, 0 TO 5 PERCENT SLOPES
 23:CANDLER SAND, 5 TO 12 PERCENT SLOPES
 44:KENDRICK LOAMY SAND
 77:ZUBER LOAMY SAND, 2 TO 5 PERCENT SLOPES
 9:ARREDONDO SAND, 0 TO 5 PERCENT SLOPES

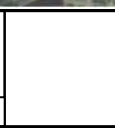
 PROJECT NUMBER: 108852	I-75/State Road (S.R.) 93 from South of S.R. 44 to S.R. 200 Natural Resources Evaluation Sumter and Marion Counties, Florida	NRCS Soils Map
	SCALE: 1"=700'	DATE: 3/22/2024

East, HERE, Google, (S) OpenStreetMap contributors, and the GIS User Community, © 2024 Intel Corporation © 2024 Intel © CNES (2024) DigitalGlobe, GeoEye, © 2024 Terra



**I-75/State Road (S.R.) 93 from South of
S.R. 44 to S.R. 200
Natural Resources Evaluation**
Sumter and Marion Counties, Florida

NRCS Soils Map
SCALE: 1"=700'
DATE: 3/22/2024



APPENDIX D1

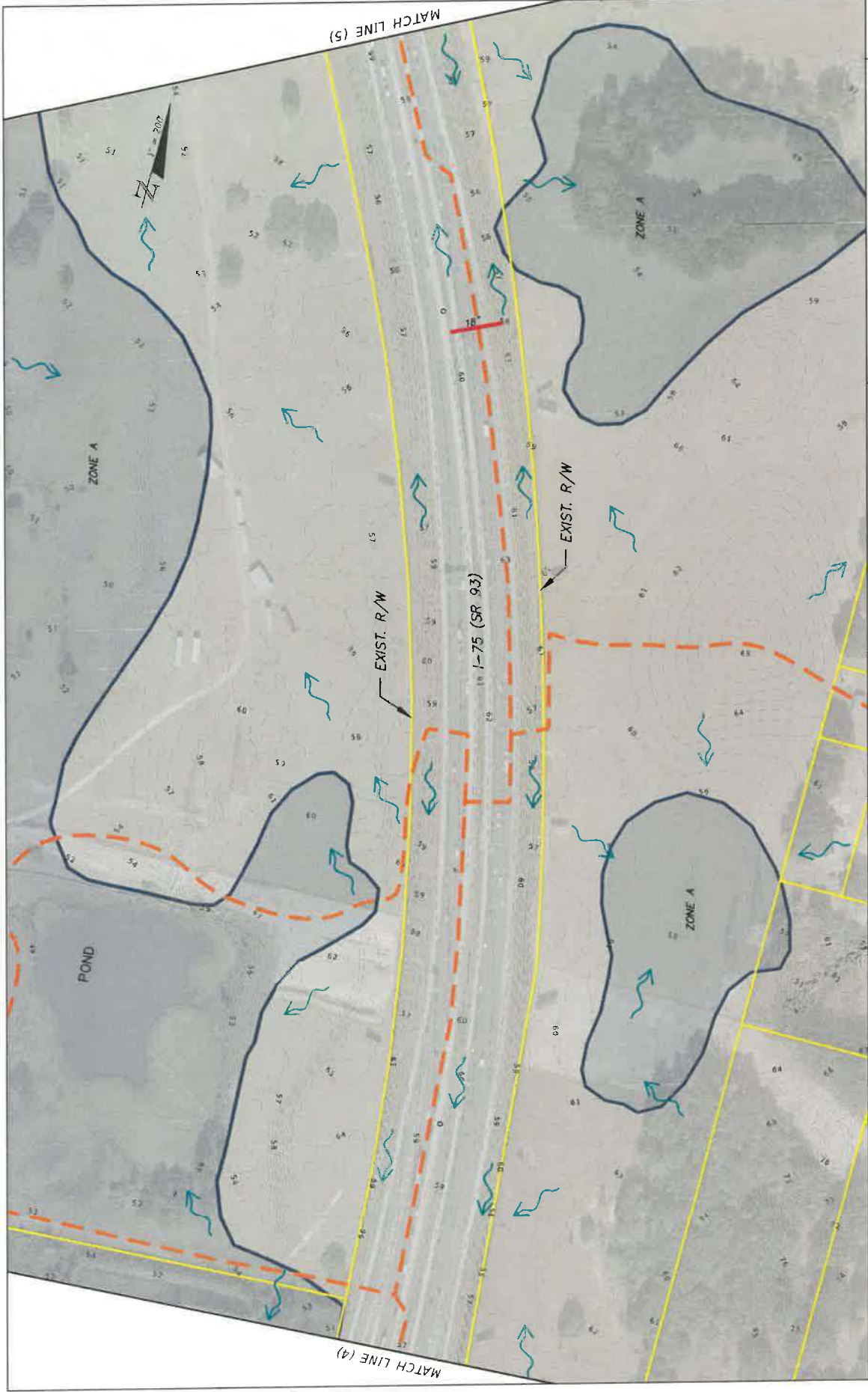
Existing Conditions Drainage Maps



LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW WATERSHED BOUNDARY FEMA FLOOD PLAIN		BURGESS & NIPLE 10006 W DALE MARY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 FINANCIAL PROJECT ID 443623-1-22-01		EXISTING CONDITIONS DRAINAGE MAP (3)		SHEET NO. 3
		JOHN HUIZENDIJK 6/16/2020 8:44:26 AM		COUNTY SUMNER COUNTY MARTIN		PROJECT ID: 443623-1-22-01		PROJECT NAME: 10006 W DALE MARY HWY		DATE: 6/16/2020

MATCH LINE (3)

MATCH LINE (2)



LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY		BURGESS & NIPLE 10006 W. HIGHT HWY SUITE 203 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY SUMTER MARION		FINANCIAL PROJECT ID 443623-1-22-01		EXISTING CONDITIONS DRAINAGE MAP (5)		SHEET NO. 5	
---	--	--------------------------------	--	--------------------	--	---	--	---	--	--	--	--	--	----------------	--



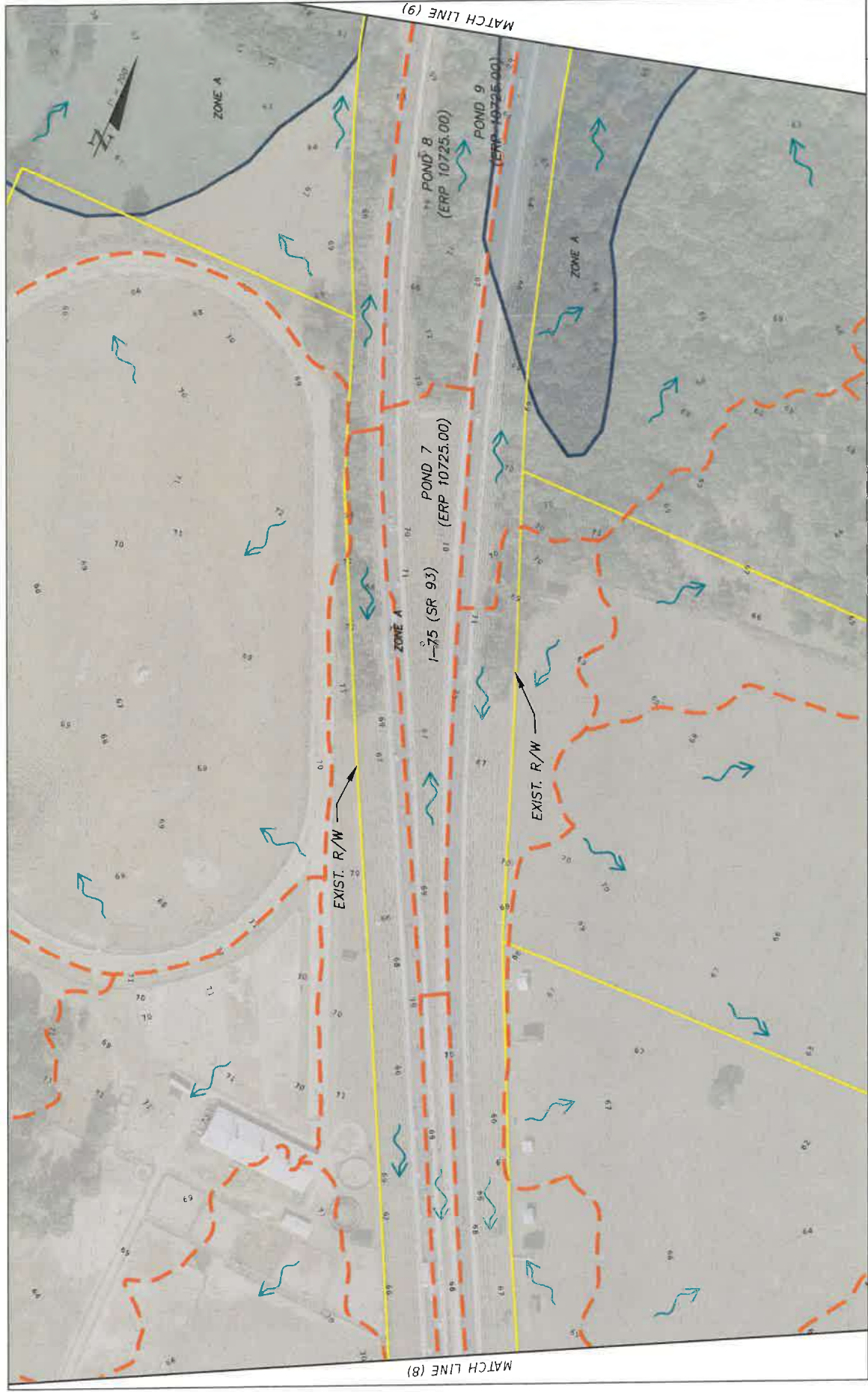
LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY WATERSHED BOUNDARY	
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93		FRANKLIN PROJECT ID 443623-1-22-01		COUNTY SUMNER MARTIN	
BURGESS & VIRBLE 10005 N DALE MARY HWY SUITE 203 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93		FRANKLIN PROJECT ID 443623-1-22-01	
MATCH LINE (5)		MATCH LINE (6)		EXISTING CONDITIONS DRAINAGE MAP (6)	
SHEET NO. 6		PROJECT 14436232201_1_22_01_06.dwg 6/16/2020 9:52:03 AM		6/16/2020 9:52:03 AM	



<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>		<p>EXISTING CONDITIONS DRAINAGE MAP (7)</p>	
<p>ROAD NO. SR 93</p>	<p>FINANCIAL PROJECT ID 443623-1-22-01</p>	<p>COUNTY SUMNER</p>	<p>SHEET NO. 7</p>
<p>BURGESS & NIPLE 10006 N. SUITE 201 TAMPA, FL 33618 (813) 962-6689</p>		<p>DATE PLOTTED 6/16/2020 9:34:13 AM</p>	
<p>LEGEND</p> <ul style="list-style-type: none"> — PROPERTY LINE - - - EXISTING BASIN DIVIDE - - - WATERSHED BOUNDARY — FLOW ARROW — FEMA FLOOD PLAIN — EXISTING CROSS DRAIN 			



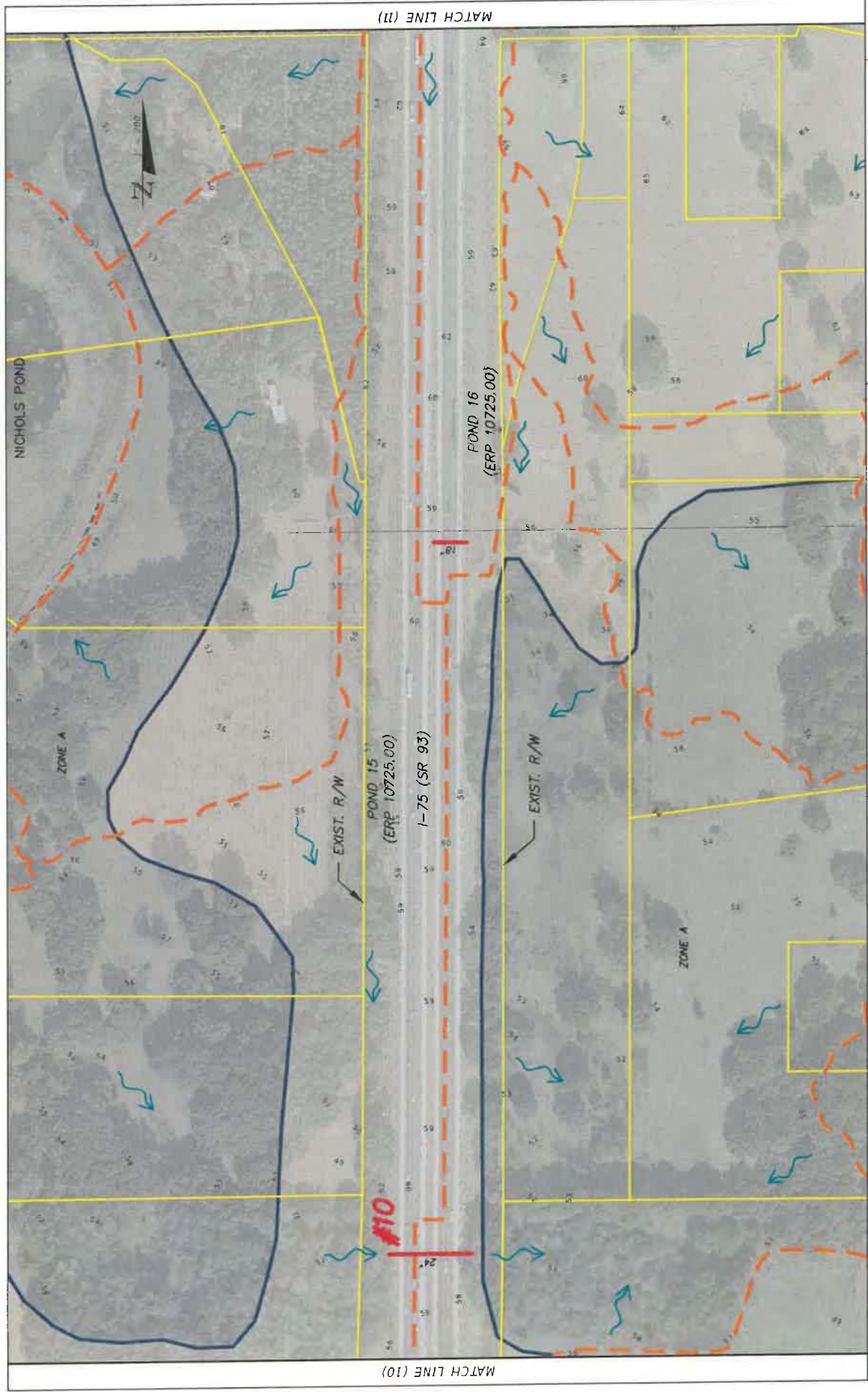
LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		WATERSHED BOUNDARY FLOW ARROW FEMA FLOOD PLAIN	BUSINESS 6, MIPLE 10000 N. DALE MARRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8669		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	FINANCIAL PROJECT ID 443623-1-22-01	EXISTING CONDITIONS DRAINAGE MAP (8)	SHEET NO 8
			ROAD NO. SR 93	COUNTY SUMNER MARION	JOHN HITCHCOCK 5/16/2020 9:55:15 AM	F:\Project\443623220\1-75_ZONE\Drawings\CA0\Mapa.dwg		



<p>LEGEND</p> <ul style="list-style-type: none"> PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN WATERSHED BOUNDARY FLOW ARROW FEMA FLOOD PLAIN 		<p>BUSINESS & MIDDLE 10008 W. GALE HARBOR HWY SUITE 201 TAMPA, FL 33618 (813) 962-6689</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>	<p>ROAD NO. SR 93</p>	<p>COUNTY SUMNER MARION</p>	<p>FINANCIAL PROJECT ID 443623-1-22-01</p>	<p>SHEET NO. 9</p>
<p>EXISTING CONDITIONS DRAINAGE MAP (9)</p>		<p>JOHN NUTCHMAN 6/16/2022 10:05:02 AM</p>	<p>F:\Projects\443623\2201_75_P&E\Drawings\CAD\Wescorp</p>				



LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY BLACK GOLD COMPOST	
BURGESS & NIPLE 10006 N DALE MARSH HWY TAMPA, FL 33618 (813) 962-8889		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93		FINANCIAL PROJECT ID 443623-1-22-01	
JOHN HATCHERSON 6/16/2020 10:05:14 AM		COUNTY SUMNER MARION		EXISTING CONDITIONS DRAINAGE MAP (10)	
				SHEET NO. 10	



LEGEND		STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		SHEET NO.	
PROPERTY LINE	---	SR 93	COUNTY	SR 93	FINANCIAL PROJECT ID	443623-1-22-01	11
EXISTING BASIN DIVIDE	- - -	SUMTER		MARION		11	
EXISTING CROSS DRAIN	---	MARION		MARION		11	
WATERSHED BOUNDARY	- - -	MARION		MARION		11	
FLOW ARROW	→	MARION		MARION		11	
FEMA FLOOD PLAIN	Blue Shaded Area	MARION		MARION		11	

SURGE & NIPLE
 10006 W DALE MARSH HWY
 SUITE 201
 TAMPA, FL 33618
 (813) 962-8889

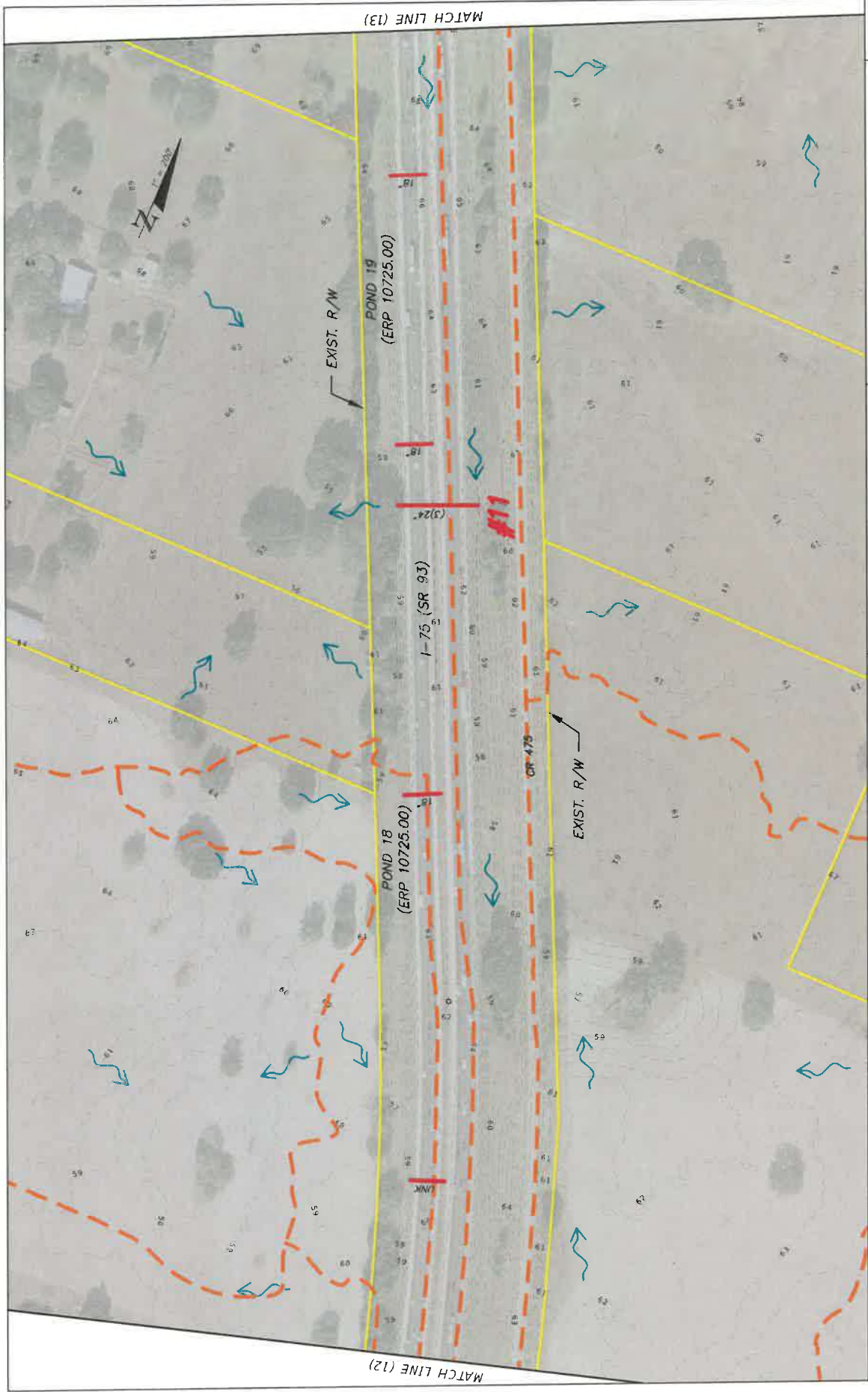
8/12/2022 10:11:37 AM
 R:\Projects\144823227_1-75_PSE\Drawings\1101\Map.dwg



LEGEND	
	PROPERTY LINE
	EXISTING BASIN DIVIDE
	EXISTING CROSS DRAIN
	FLOW ARROW
	FEMA FLOOD PLAIN
	WATERSHED BOUNDARY

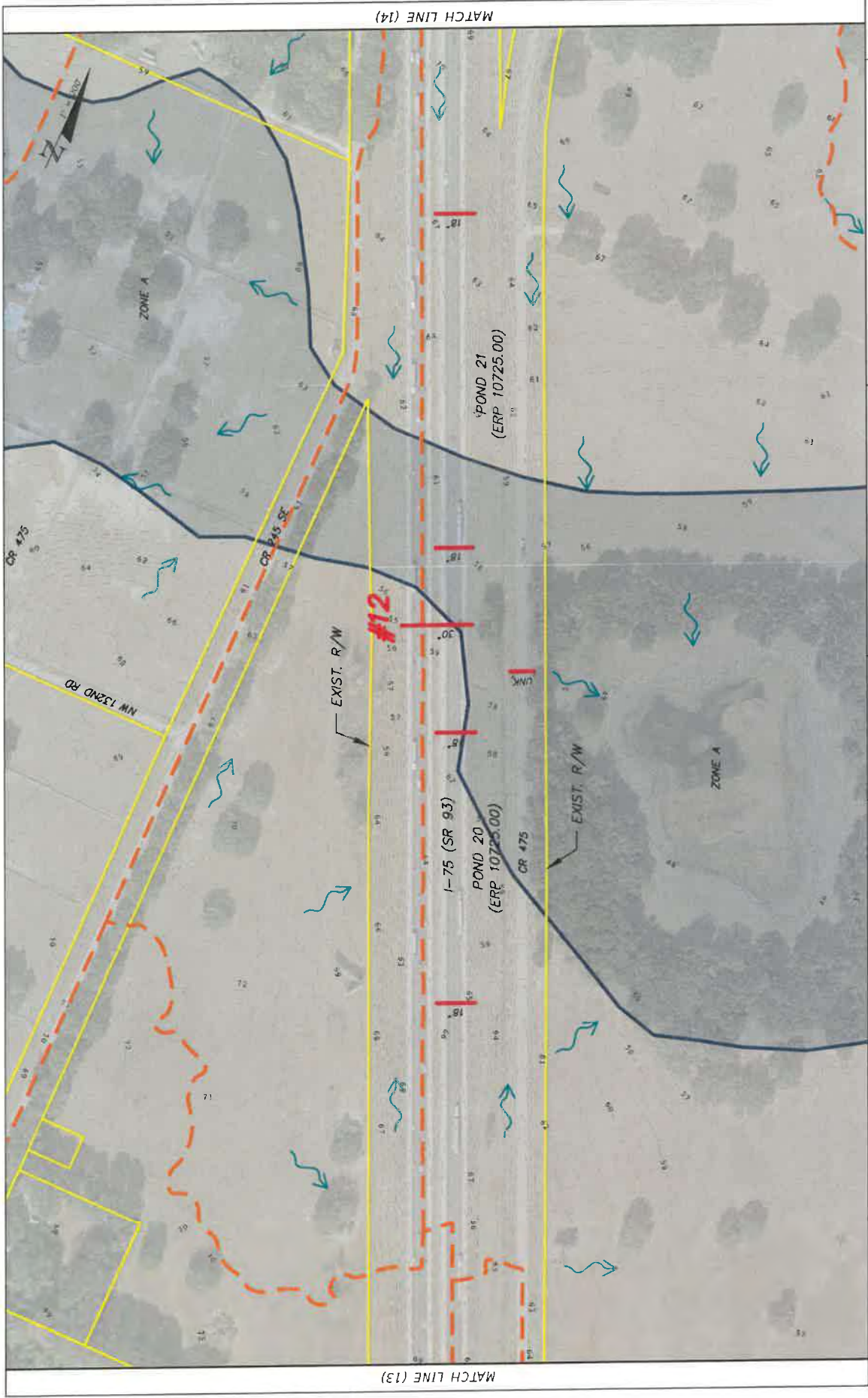
BUSINESS & MIDDLE 10006 W DALE MARSH HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93		FINANCIAL PROJECT ID 443623-1-22-01		SHEET NO. 12	
COUNTY SUMNER MARTIN		PROJECT ID 1443037201_175_P&E_Drainage/CAD/MapSheet		DATE 6/16/2020 10:12:53 AM		DRAWN BY JOHN HUCHSON	

**EXISTING CONDITIONS
DRAINAGE MAP (12)**



LEGEND		STATE OF FLORIDA		SHEET NO.	
	PROPERTY LINE	DEPARTMENT OF TRANSPORTATION		13	
	EXISTING BASIN DIVIDE	ROAD NO.	FINANCIAL PROJECT ID		
	WATERSHED BOUNDARY	SR 93	443623-1-22-01		
	EXISTING CROSS DRAIN	COUNTY	SUMTER		
	FLOW ARROW	MARION			
	FEMA FLOOD PLAIN				
		BRIDGES & VIABLE 10006 W DALE MARY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689 JOHN HUBBARD 6/16/2020 10:13:53 AM		EXISTING CONDITIONS DRAINAGE MAP (13)	

PROJECT: \443623\201_1-22-01_P04E_Drainage\CD\Map13.dwg



LEGEND	
	PROPERTY LINE
	WATERSHED BOUNDARY
	EXISTING BASIN DIVIDE
	FLOW ARROW
	FEMA FLOOD PLAIN
	EXISTING CROSS DRAIN

BUSINESS & HUBLE 10006 W. GALE MARY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93	COUNTY SUMTER MARION	FINANCIAL PROJECT ID 443623-1-22-01	PROJECT V4362322P_1_75_P006 (D:\ahogya\CAD\Work\Proj
EXISTING CONDITIONS DRAINAGE MAP (14)					SHEET NO 14

MATCH LINE (13)

MATCH LINE (14)



MATCH LINE (15)

MATCH LINE (14)

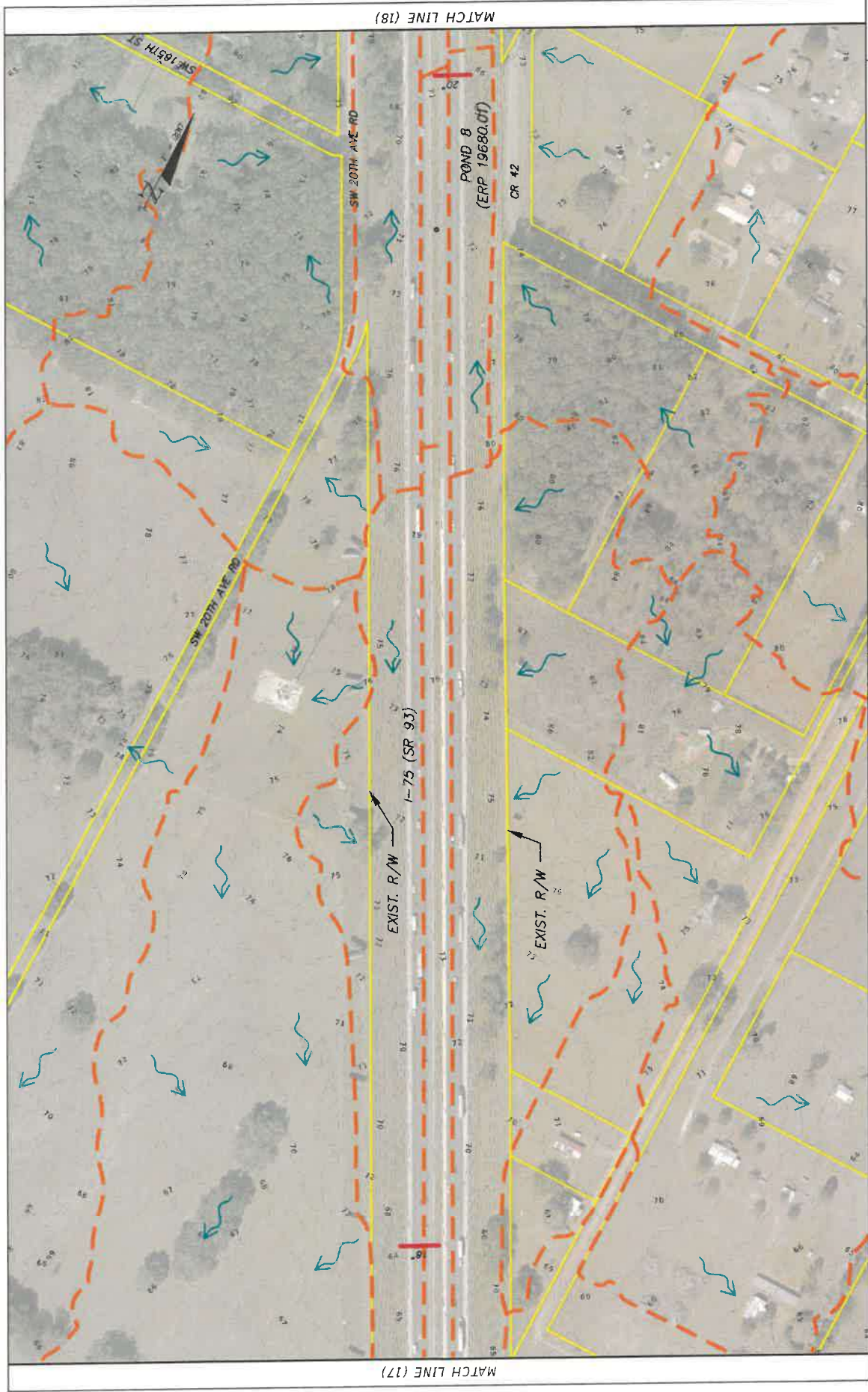
<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>		<p>SHEET NO 15</p>
<p>ROAD NO. SR 93</p>		<p>EXISTING CONDITIONS DRAINAGE MAP (15)</p>
<p>FINANCIAL PROJECT ID 443623-1-22-01</p>		
<p>COUNTY SUMNER MARION</p>		<p>DATE 6/10/2020 10:18:35 AM</p>
<p>BURGESS & NIPLE 10006 N. DATE WRIGHT HWY TAMPA, FL 33618 (813) 962-8888</p>		<p>PROJECT # 443623-1-22-01 - 75 - ROAD DRAINAGE (CAD) VEGAS.DWG</p>
<p>LEGEND</p>		
<p>PROPERTY LINE</p>	<p>WATERSHED BOUNDARY</p>	<p>FLOW ARROW</p>
<p>EXISTING BASIN DIVIDE</p>	<p>BOUNDARY</p>	<p>FEMA FLOOD PLAIN</p>
<p>EXISTING CROSS DRAIN</p>		



<p>LEGEND</p> <ul style="list-style-type: none"> PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN WATERSHED BOUNDARY FLOW ARROW FEMA FLOOD PLAIN 		<p>BURGESS & NIPLE 10006 N. WILSON HWY TAMPA, FL 33618 (813) 962-8689</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <p>ROAD NO. SR 93</p> <p>COUNTY SUMNER MARION</p>	<p>EXISTING CONDITIONS DRAINAGE MAP / 16 /</p>	<p>SHEET NO. 16</p>
<p>6/19/2020 10:21:02 AM</p>		<p>443623-1-22-01</p>	<p>FINANCIAL PROJECT ID</p>	<p>Project 1445212201_75_PONE (Inchpage) CAD User:GFP</p>	

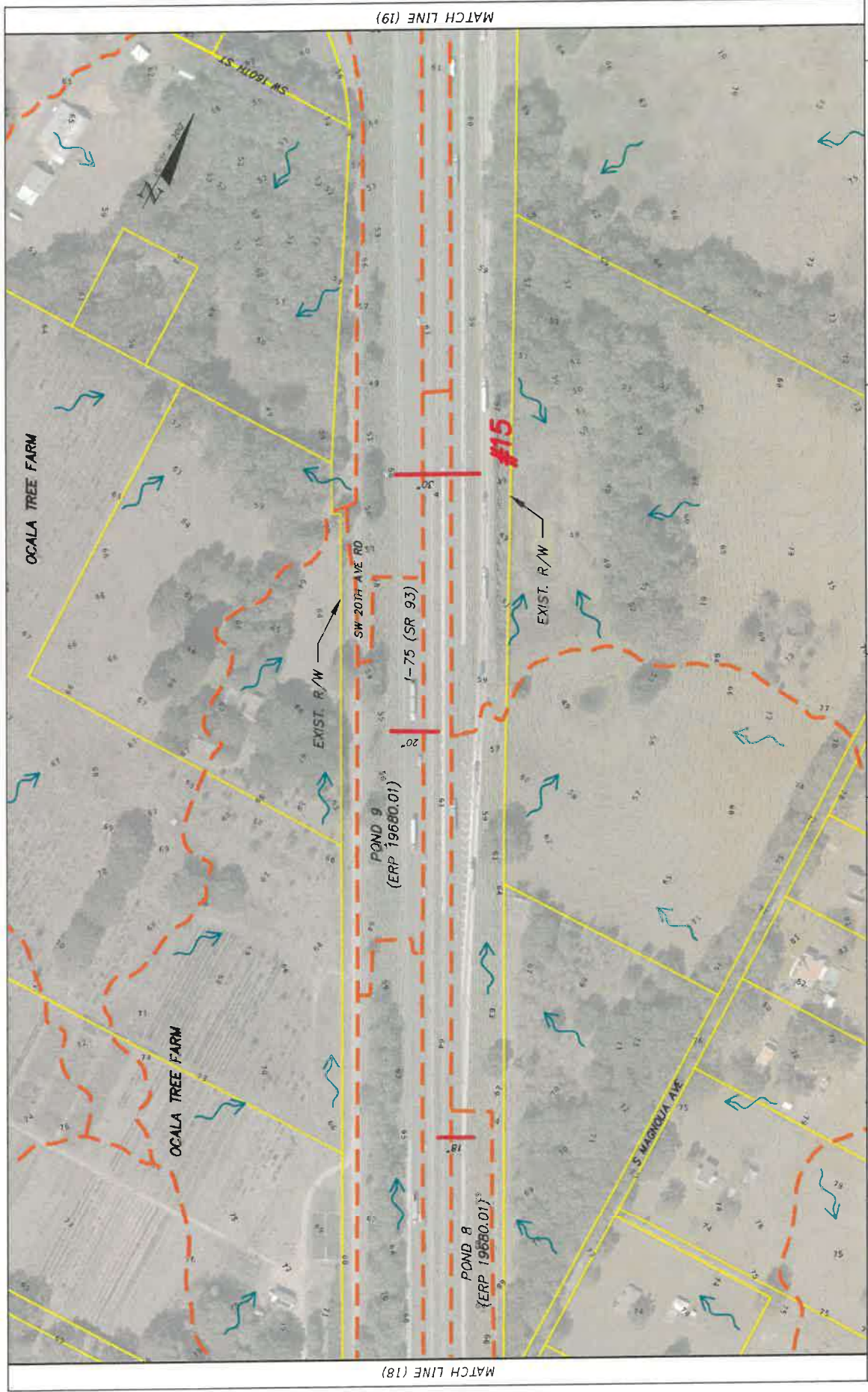


EXISTING CONDITIONS DRAINAGE MAP (17)		SHEET NO.	17
		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93	
SURGES & NIPLE 10006 N DALE MARY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		FINANCIAL PROJECT ID 443623-1-22-01 COUNTY SUMNER MARION JOHN HULSTON 6/16/2020 10:22:02 AM	
LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN	
WATERSHED BOUNDARY EXIST. R/W			



LEGEND	
	PROPERTY LINE
	EXISTING BASIN DIVIDE
	EXISTING CROSS DRAIN
	WATERSHED BOUNDARY
	FLOW ARROW
	FEMA FLOOD PLAIN

BURGESS & NIPLE 10006 N. MAPLE RD SUITE 201 TAMPA, FL 33618 (813) 962-0699		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
ROAD NO. SR 93	COUNTY SUMNER	FINANCIAL PROJECT ID. 443623-1-22-01	SHEET NO. 18
JOHN H. HUGHES		EXISTING CONDITIONS DRAINAGE MAP (18)	
6/16/2020 10:22:08 AM		F:\Projects\1445823\201_1-22_01\75_POND\Drawings\CD\Map.dwg	

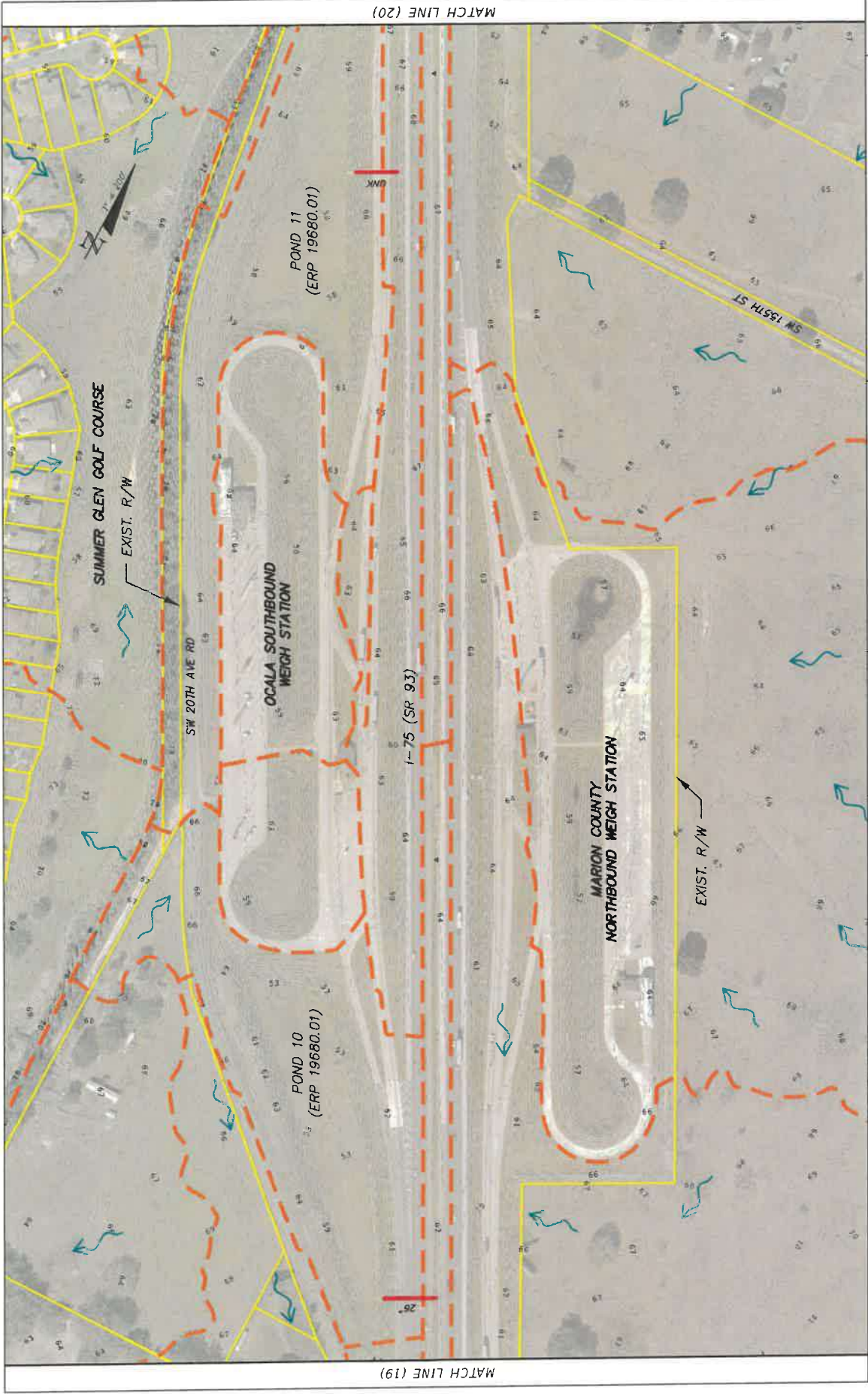


LEGEND	
	PROPERTY LINE
	EXISTING BASIN DIVIDE
	EXISTING CROSS DRAIN
	FLOW ARROW
	WATERSHED BOUNDARY
	FEMA FLOOD PLAIN

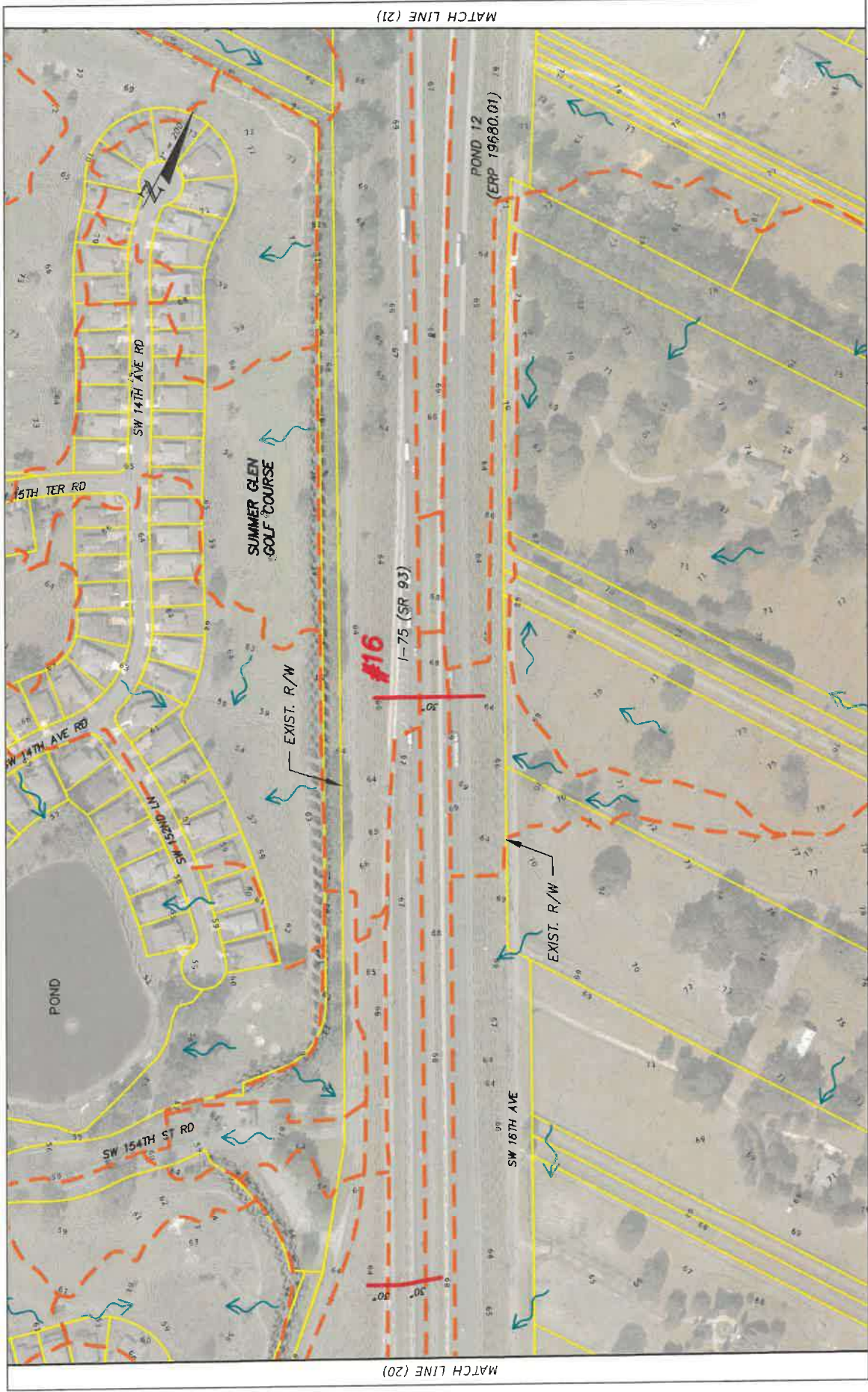
BURGESS S. NIPLE 10005 N DALE MARRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-0669		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93		COUNTY SUMNER MARION		FINANCIAL PROJECT ID 443623-1-22-01		SHEET NO. 19	
--	--	--	--	-------------------------	--	-------------------------------------	--	--------------	--

6/19/2020 10:24:04 AM
F:\Projects\443623\201_75_PONE\Drawings\CAD\Layers.dwg

**EXISTING CONDITIONS
DRAINAGE MAP (19)**



<p>LEGEND</p> <ul style="list-style-type: none"> --- PROPERTY LINE --- EXISTING BASIN DIVIDE --- EXISTING CROSS DRAIN → FLOW ARROW ■ FEMA FLOOD PLAIN --- WATERSHED BOUNDARY 		<p>BUSINESS & NIPALE 10006 N DALE MAHER HWY SUITE 201 TAMPA, FL 33618 (813) 962-9689</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY SUMNER MARION</p>	<p>FINANCIAL PROJECT ID 443623-1-22-01</p>	<p>SHEET NO 20</p>
<p>EXISTING CONDITIONS DRAINAGE MAP (20)</p>		<p>6/16/2020 10:25:24 AM John_Hutchinson F:\Projects\1443623\2201_1-22-01_P001_Drainage\CAD\Mapa.dwg</p>			



LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY	
BUSINESS & TITLE 10008 N GALE MERRY HWY SUITE 201 TAMPA FL 33618 (813) 962-8689					
DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93		COUNTY SUMNER FINANCIAL PROJECT ID 443623-1-22-01		STATE OF FLORIDA JOHN RUTENBERG 6/16/2022 10:27:23 AM	
EXISTING CONDITIONS DRAINAGE MAP (21)					
SHEET NO. 21					MATCH LINE (21)
MATCH LINE (20)					MATCH LINE (21)



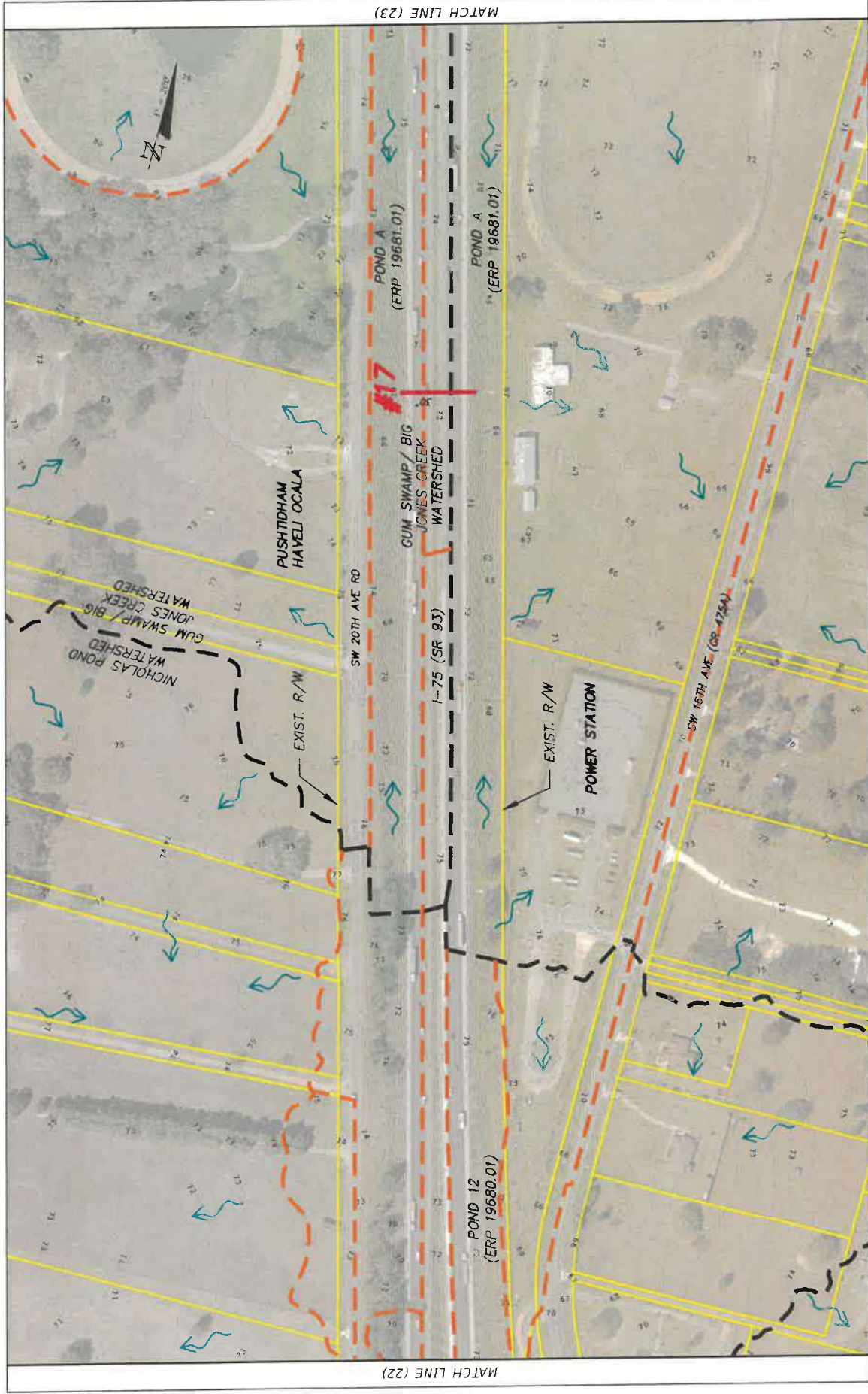
LEGEND	
	PROPERTY LINE
	EXISTING BASIN DIVIDE
	EXISTING CROSS DRAIN
	FLOW ARROW
	FEMA FLOOD PLAIN
	WATERSHED BOUNDARY

SURGESSE & NIPLE 10806 N DADE MARKET HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID 443623-1-22-01	SHEET NO. 22
SR 93		COUNTY SUMNER	
JOHN HUCHESON		MARION	
8/12/2020 10:28:20 AM F:\PROJECTS\1445832\2201_1-22-01_P&E\Drawings\CAD\Wages.dwg			

**EXISTING CONDITIONS
DRAINAGE MAP (22)**

MATCH LINE (22)

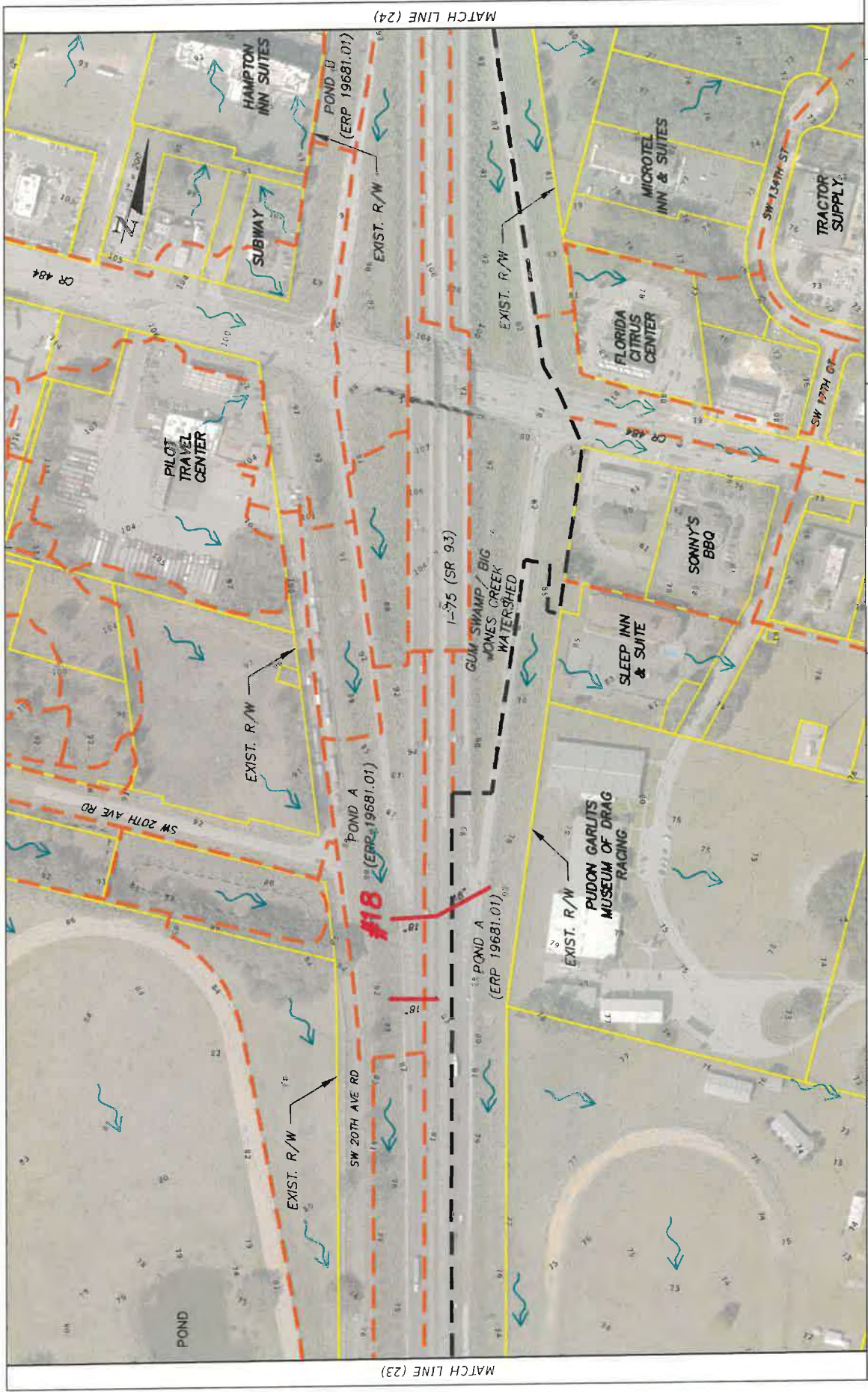
MATCH LINE (21)



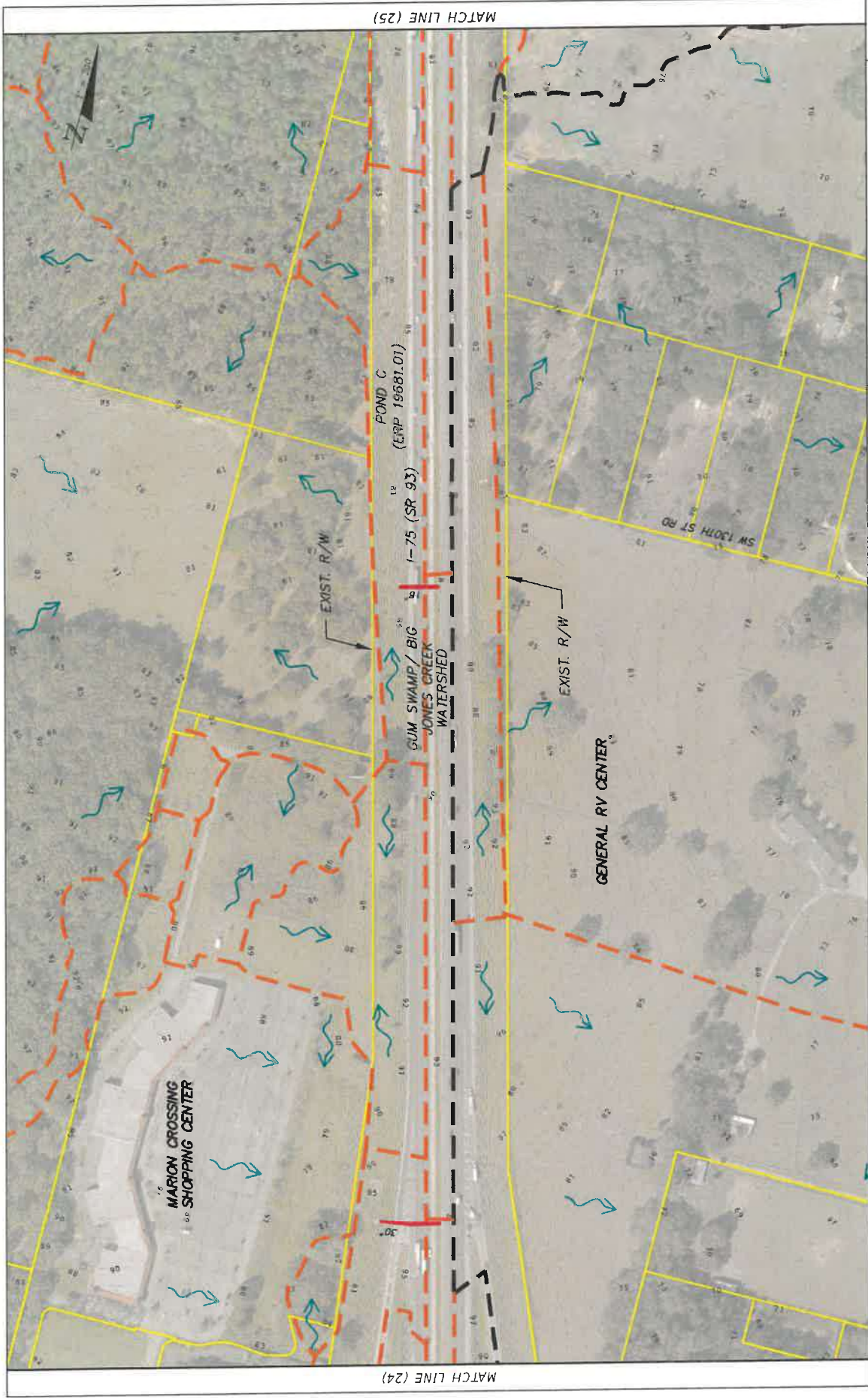
MATCH LINE (22)

MATCH LINE (23)

<p>LEGEND</p> <ul style="list-style-type: none"> — PROPERTY LINE - - - WATERSHED BOUNDARY - - - EXISTING BASIN DIVIDE - - - EXISTING CROSS DRAIN → FLOW ARROW ◡ FEMA FLOOD PLAIN 		<p>BURGESS & NIPLÉ 10006 W. DALE MARRY HWY TAMPA, FL 33618 (813) 962-8689</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY SUITER MARION</p>	<p>FINANCIAL PROJECT ID 443623-1-22-01</p>	<p>EXISTING CONDITIONS DRAINAGE MAP (23)</p>	<p>SHEET NO. 23</p>
---	--	---	--	--	---	-------------------------

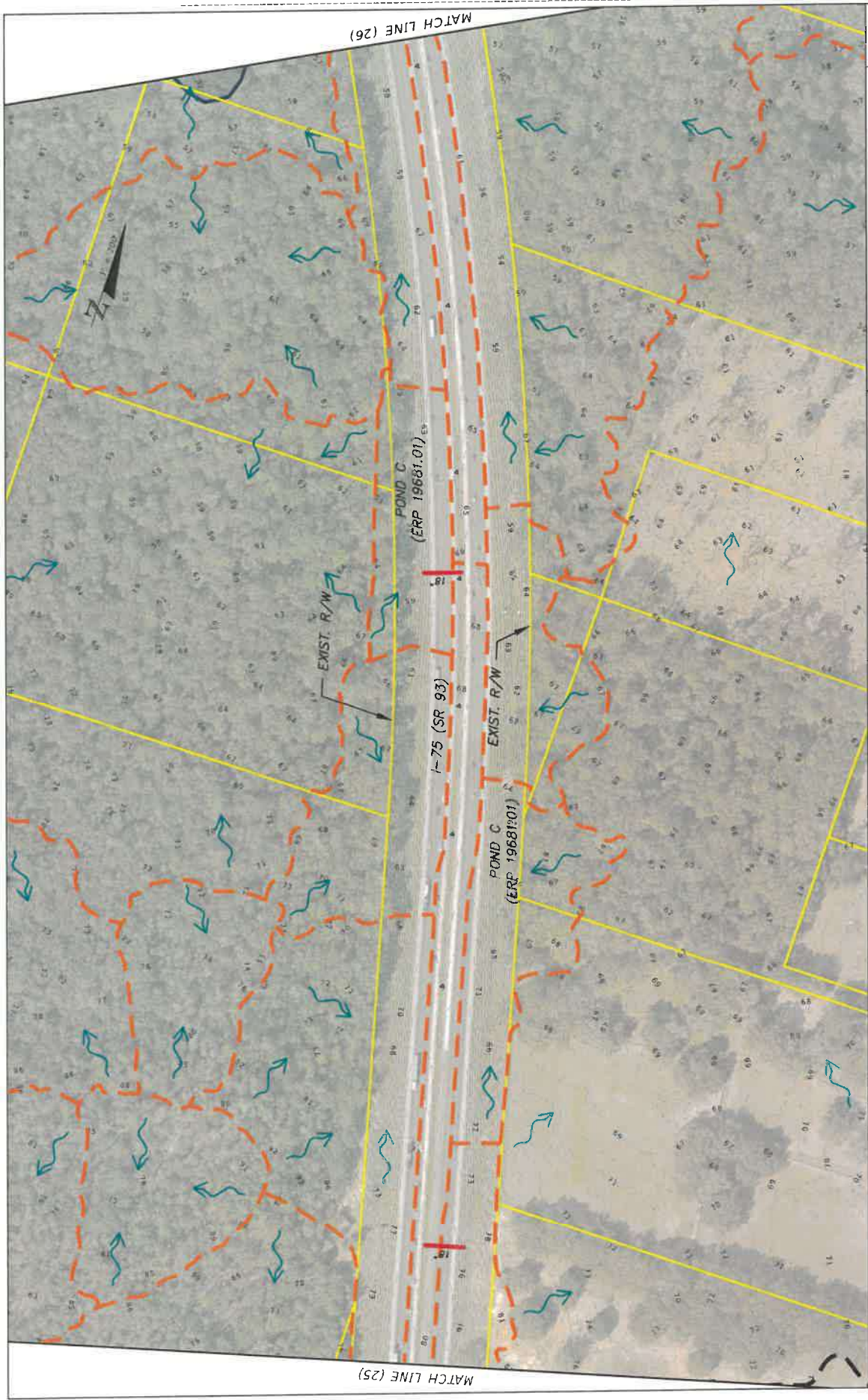


LEGEND		STATE OF FLORIDA		EXISTING CONDITIONS	
	PROPERTY LINE	10006 N DALE MARRY HWY	DEPARTMENT OF TRANSPORTATION	DRAINAGE MAP (94)	
	EXISTING BASIN DIVIDE	SUITE 201	ROAD NO. SR 93	COUNTY SUMNER	FRANCIAL PROJECT ID 443623-1-22-01
	EXISTING CROSS DRAIN	TAMPA, FL 33618	SR 93	MARION	443623-1-22-01
	FLOW ARROW	(813) 962-8689			
	FEMA FLOOD PLAIN				
	WATERSHED BOUNDARY				
	PROPERTY LINE				
		BURGESS & NIPLE		JOHN HATHORN	
		6/16/2020 10:38:10 AM		F:\Projects\14458232201_75_PDM_Drainage\CAD\Mapa.dwg	
		DATE		SHEET NO.	
				24	

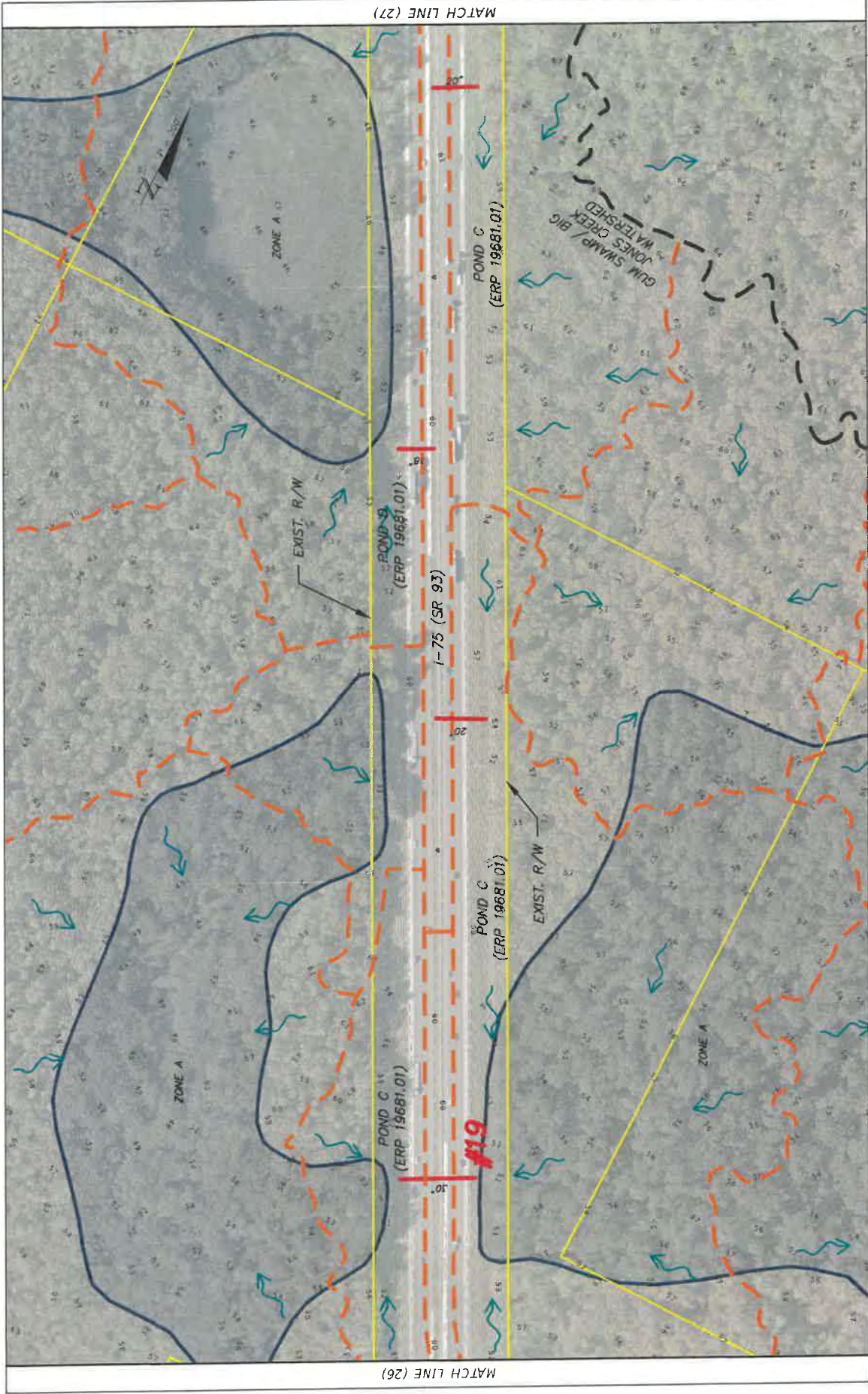


<p>LEGEND</p> <ul style="list-style-type: none"> PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN WATERSHED BOUNDARY FLOW ARROW FEMA FLOOD PLAIN 		<p>BURGESS & NIPLE 10006 N HENRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-6689</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <td>ROAD NO.</td> <td>FINANCIAL PROJECT ID</td> </tr> <tr> <td>SR 93</td> <td>443623-1-22-01</td> </tr> </table> <p>COUNTY: SUMNER MARION</p> <p>JOHN HULSHORN 6/16/2020 10:37:15 AM</p>	ROAD NO.	FINANCIAL PROJECT ID	SR 93	443623-1-22-01	<p>EXISTING CONDITIONS DRAINAGE MAP (25)</p>	<p>SHEET NO. 25</p>
ROAD NO.	FINANCIAL PROJECT ID								
SR 93	443623-1-22-01								

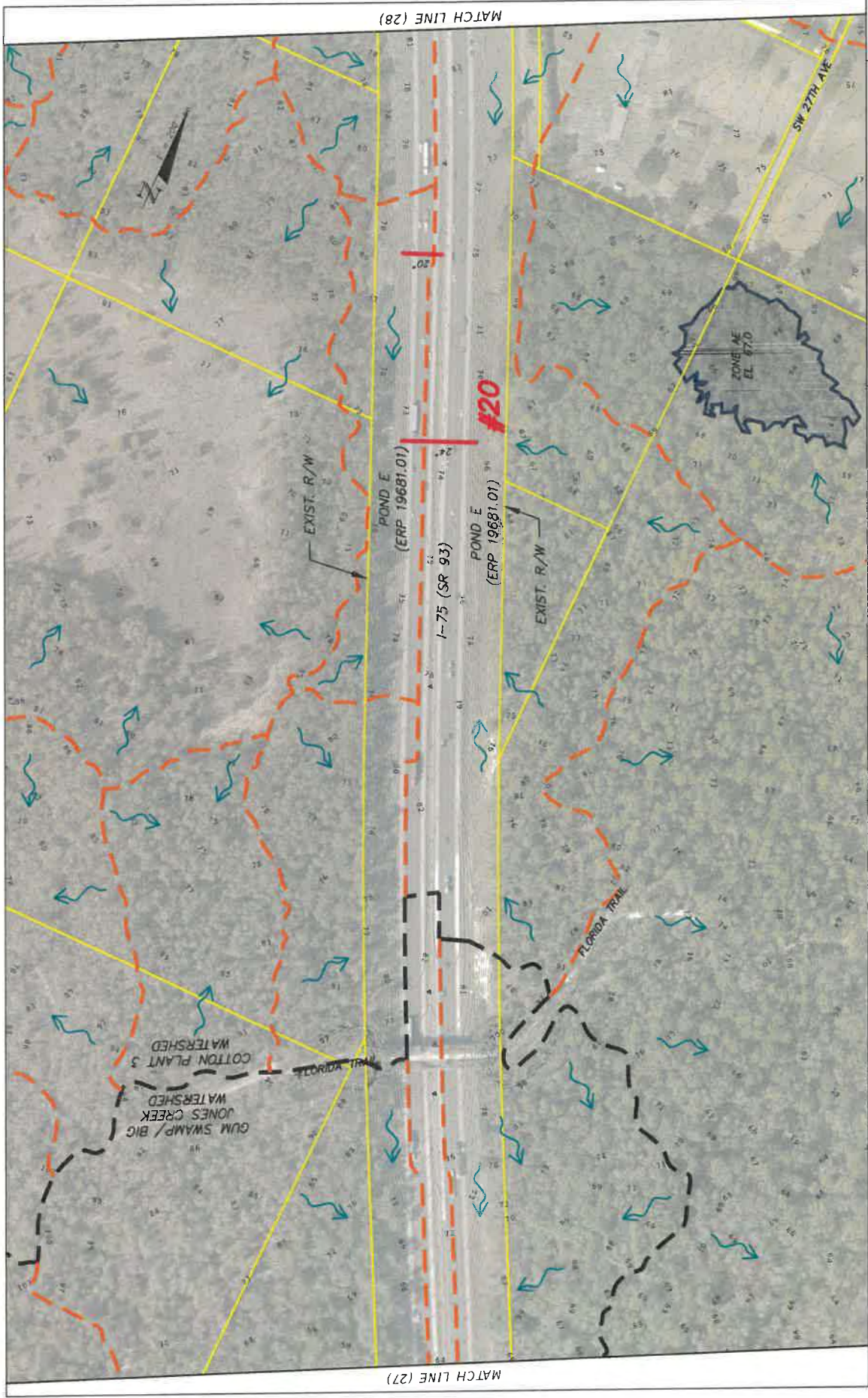
MATCH LINE (24) MATCH LINE (25)



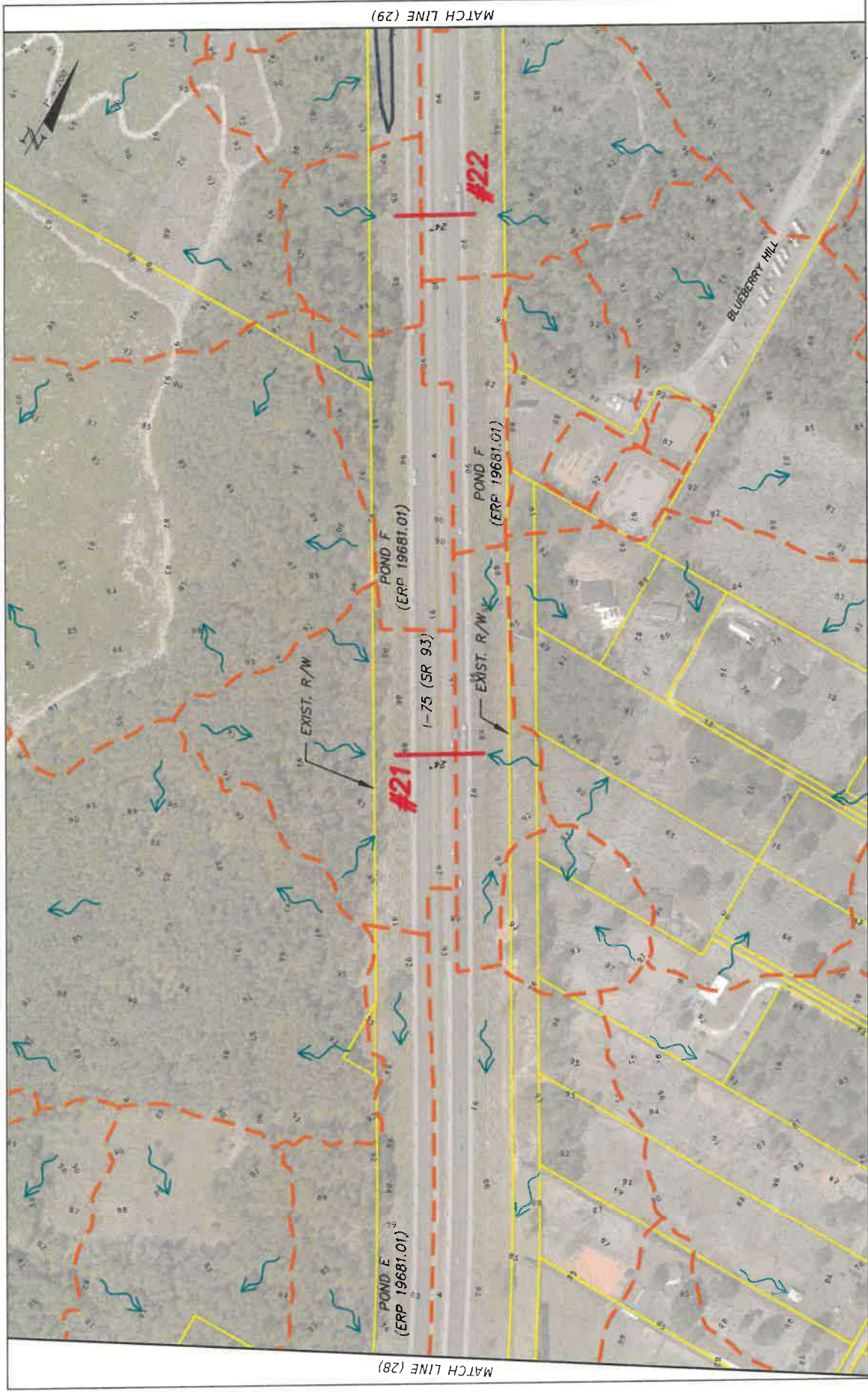
LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY	
BUSINESS & MAPLE 10006 W GALE HARRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-6689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY SUMTER MUNICIPAL PROJECT ID 443623-1-22-01		EXISTING CONDITIONS DRAINAGE MAP (26)	
6/16/2022 10:38:10 AM John.Huffman		6/16/2022 10:38:10 AM		F:\Projects\14459232201_1-25_POND_C_Drainage\CAD\Mapas.dwg	
MATCH LINE (25)		MATCH LINE (26)		SHEET NO. 26	



LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY		BURGESS & NIPLE 10006 N. LIGHT HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY SUMTER FINANCIAL PROJECT ID 443623-1-22-01 MARION		EXISTING CONDITIONS DRAINAGE MAP (27)		SHEET NO. 27	
---	--	--------------------------------	--	--------------------	--	---	--	--	--	---	--	--------------	--

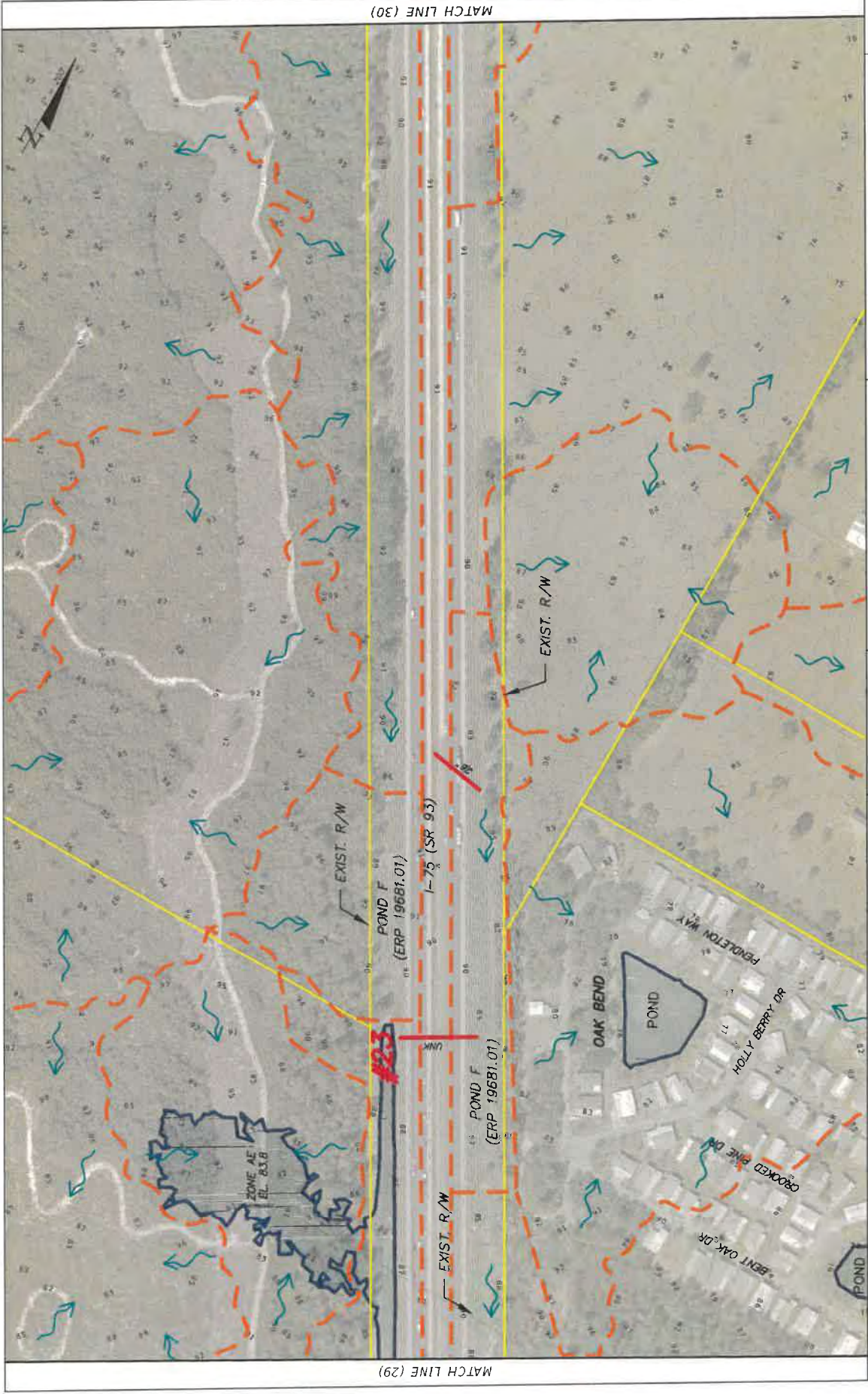


<p>LEGEND</p> <ul style="list-style-type: none"> PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN WATERSHED BOUNDARY FLOW ARROW FEMA FLOOD PLAIN 		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>		<p>EXISTING CONDITIONS DRAINAGE MAP (28)</p>		<p>SHEET NO 28</p>	
<p>BURGESS & NIPLE 10006 N. W. 40th HWY TAMPA, FL 33618 (813) 962-6699</p>		<p>ROAD NO SR 93</p>		<p>COUNTY SUMNER</p>		<p>FINANCIAL PROJECT ID 4436623-1-22-01</p>	
<p>6/16/2020 10:46:13 AM JAWW PULICHEN</p>		<p>SR 93</p>		<p>MARION</p>		<p>6/16/2020 10:46:13 AM</p>	



<p>LEGEND</p> <ul style="list-style-type: none"> — PROPERTY LINE - - - EXISTING BASIN DIVIDE - - - EXISTING CROSS DRAIN — WATERSHED BOUNDARY — FLOW ARROW — FEMA FLOOD PLAIN 		<p>BURNESS & NIPLE 10000 W. MADALE MARRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-9659</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID ROAD NO. COUNTY SR 93 SUMNER MARION</p>	<p>EXISTING CONDITIONS DRAINAGE MAP (29)</p>	<p>SHEET NO 29</p>
---	--	---	---	--	------------------------

DATE: 11/16/2020 10:46:56 AM
 PROJECT: Y:\456212751_75_POND_E\Drainage (CAD)\Mapa.dwg



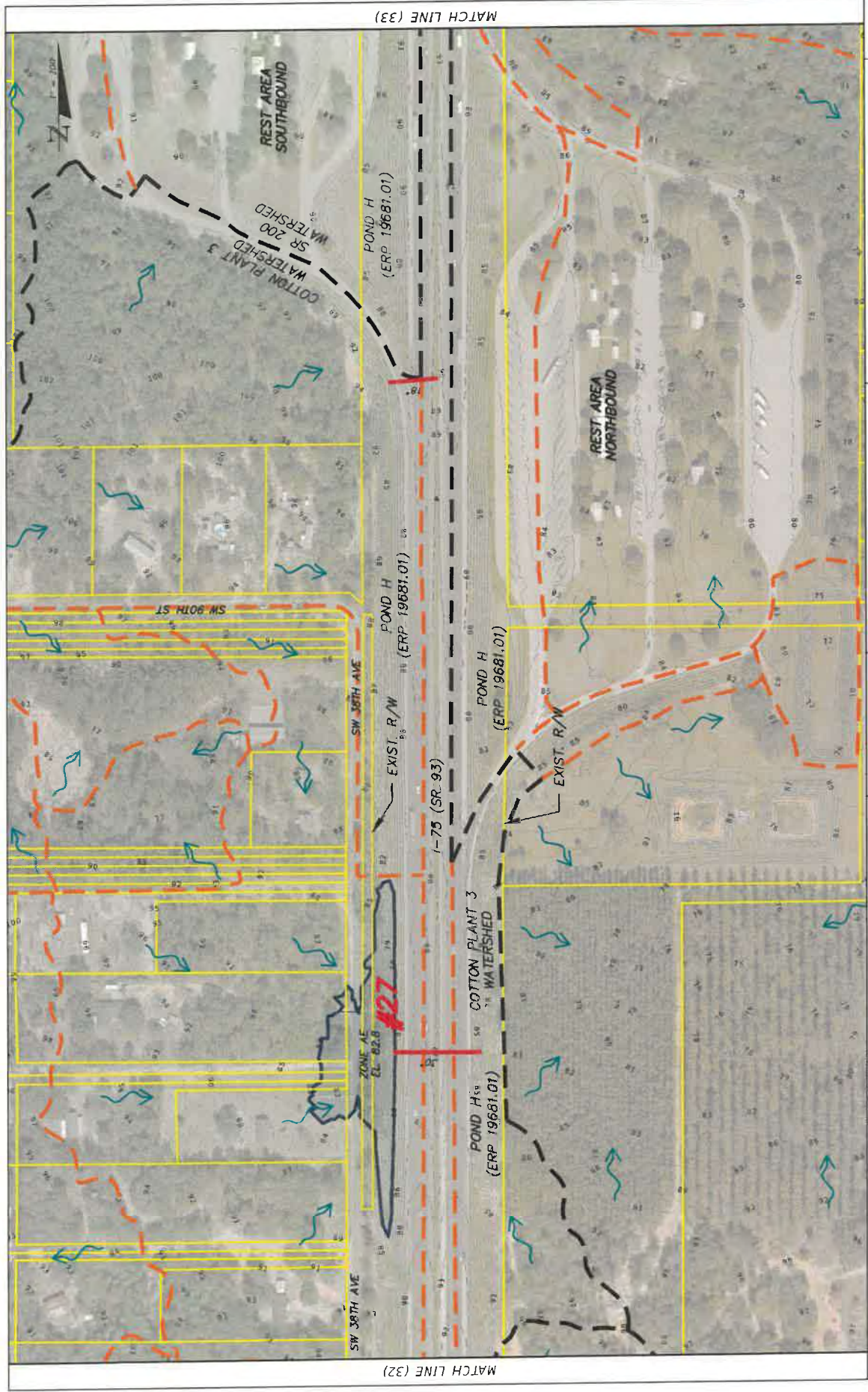
LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY	
BURGESS & NIPLE 10006 N DALE MARRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION FINANCIAL PROJECT ID 443623-1-22-01		EXISTING CONDITIONS DRAINAGE MAP (30)	
ROAD NO. SR 93		COUNTY SUMNER MARION		SHEET NO. 30	
JOHN HUTCHINS 6/16/2020 10:48:20 AM F:\Projects\14492312251_1-75_POND_Drainage_CAD\Map.dwg					



LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY COTTON PIERSED WATERSHED	
SURCESS & NIPLE 10006 N DALE HARRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8089		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COUNTY SUMTER MARION		FINANCIAL PROJECT ID 443623-1-22-01	
EXISTING CONDITIONS DRAINAGE MAP (31)		SHEET NO. 31		F:\Projects\1443010201\1-22-01\STATE\Drawings\CD\Map.dwg 6/18/2020 10:49:21 AM John Hutchison	



LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY ZONE AE EL. 74.7		BURGESS & NIPLE 10000 N. DALE HARRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93 COMMIT SUMNER FINANCIAL PROJECT ID 443623-1-22-01 MARION		EXISTING CONDITIONS DRAINAGE MAP (32)		SHEET NO. 32	
---	--	--------------------------------	--	--	--	--	--	--	--	---	--	--------------	--



MATCH LINE (32)

MATCH LINE (33)

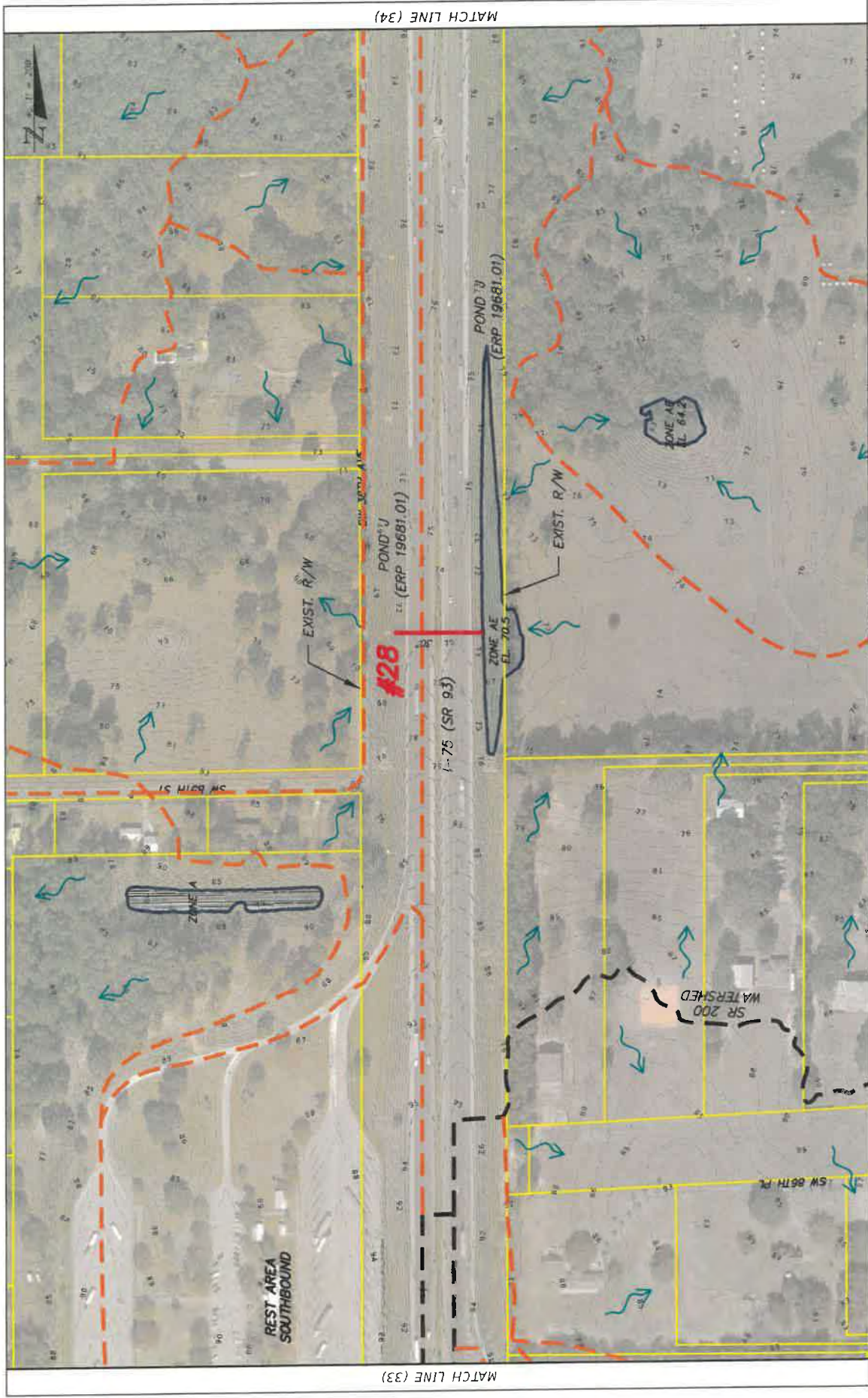
LEGEND	
	PROPERTY LINE
	EXISTING BASIN DIVIDE
	EXISTING CROSS DRAIN
	WATERSHED BOUNDARY
	FLOW ARROW
	FEMA FLOOD PLAIN

BRIGGESS & NIPLE
10006 N DALE MARRY HWY
SUITE 201
TAMPA, FL 33618
(813) 962-6689

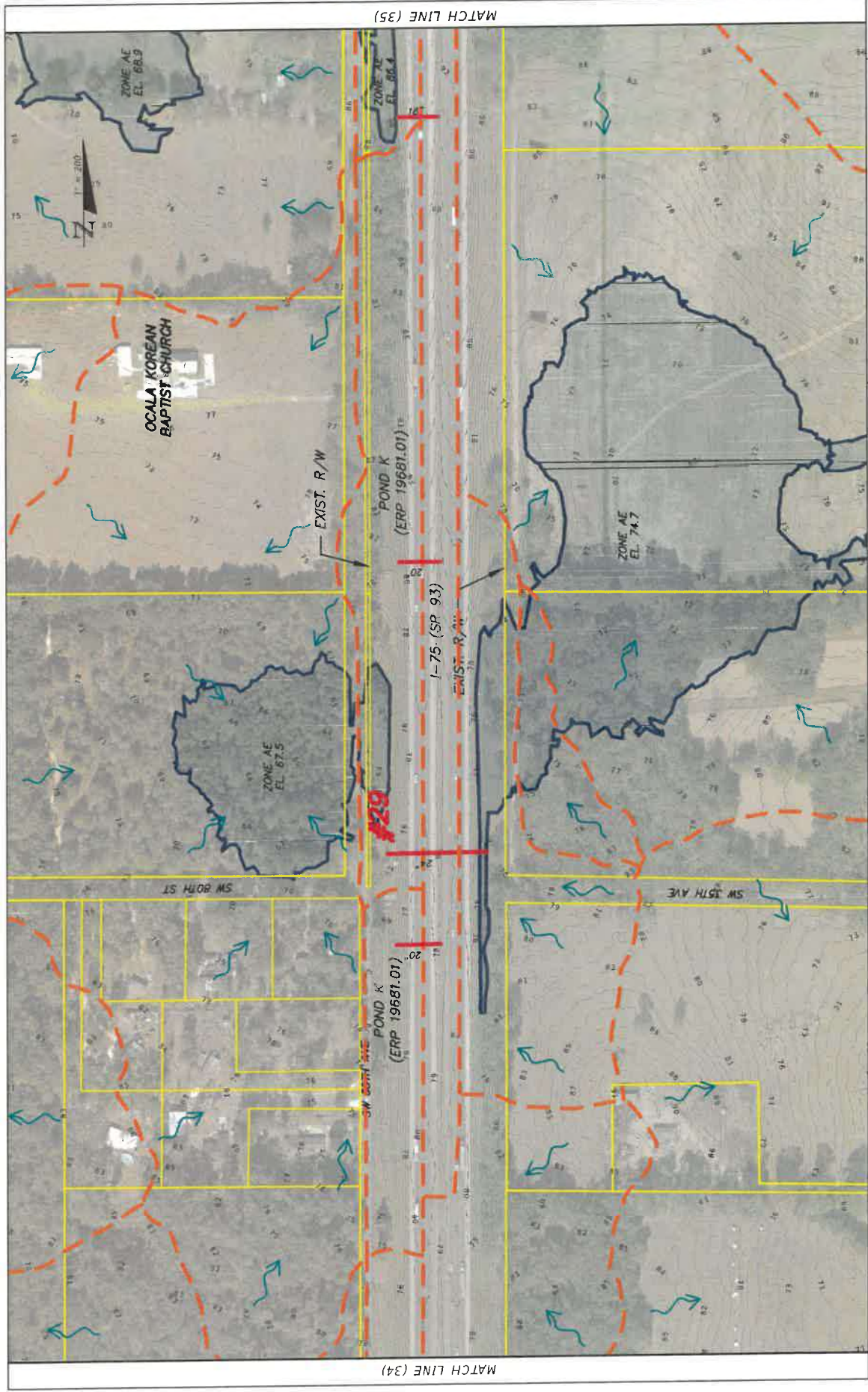
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. SR 93
COUNTY SUMNER
FINANCIAL PROJECT ID 443623-1-22-01

EXISTING CONDITIONS
DRAINAGE MAP (33)

SHEET NO. 33

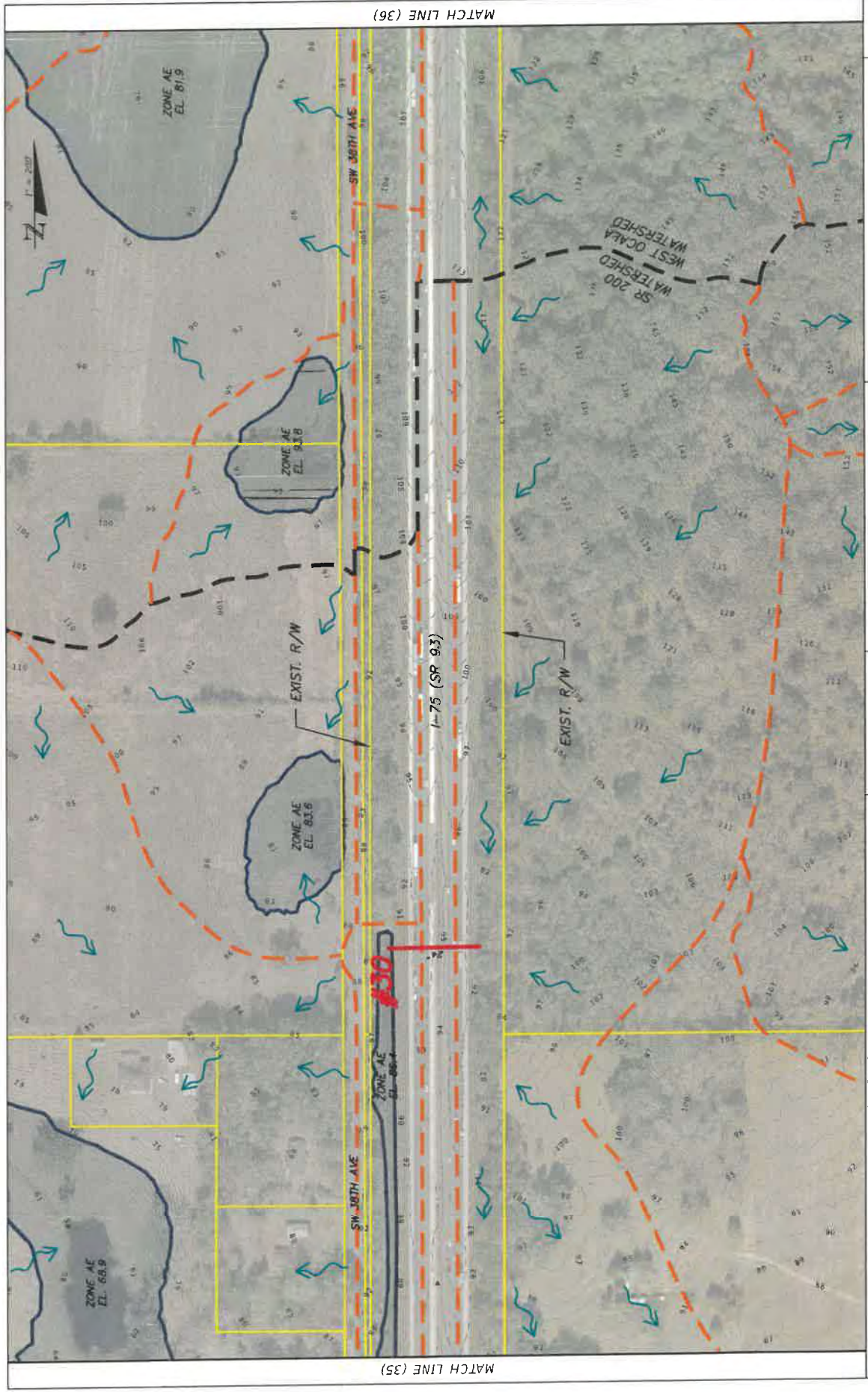


<p>LEGEND</p> <ul style="list-style-type: none"> — PROPERTY LINE - - - WATERSHED BOUNDARY - - - EXISTING BASIN DIVIDE - - - EXISTING CROSS DRAIN → FLOW ARROW ■ FEMA FLOOD PLAIN 		<p>BURGESS & NIPLE 10006 N. DALE MARBY HWY TAMPA, FL 33618 (813) 962-8688</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>		<p>ROAD NO. SR 93</p>		<p>COUNTY SUMTER MARION</p>		<p>FINANCIAL PROJECT ID 443623-1-22-01</p>		<p>EXISTING CONDITIONS DRAINAGE MAP (34)</p>		<p>SHEET NO. 34</p>									
<p>MATCH LINE (33)</p>												<p>MATCH LINE (34)</p>											
<p>REST AREA SOUTHBOUND</p>												<p>SR 200 WATERSHED</p>				<p>ZONE AE FL-70.5</p>				<p>ZONE AE FL-64.2</p>			
<p>EXIST. R/W</p>												<p>EXIST. R/W</p>				<p>POND U (ERP 19681.01)</p>				<p>POND U (ERP 19681.01)</p>			
<p>SR 93</p>												<p>SR 93</p>				<p>SR 93</p>				<p>SR 93</p>			

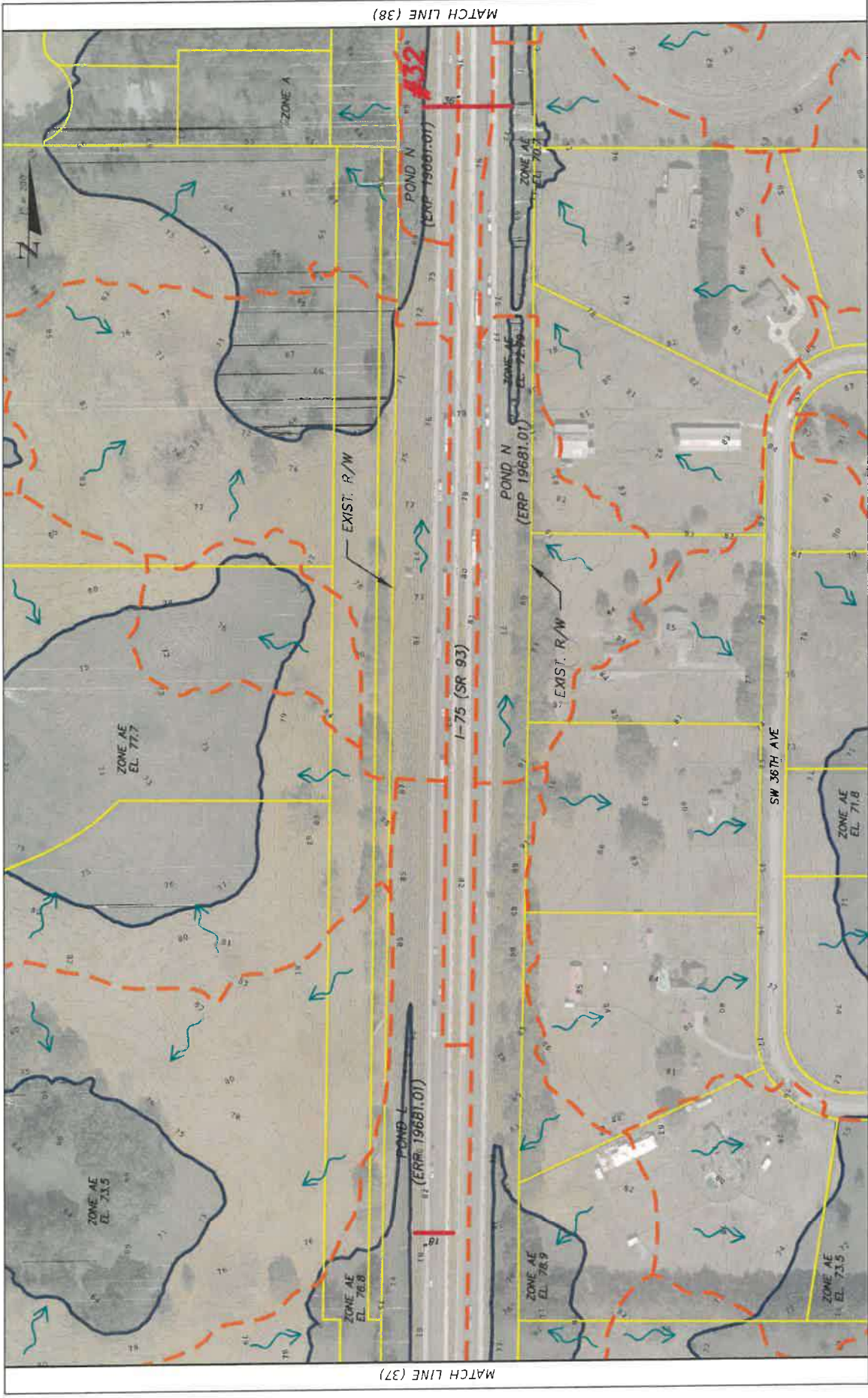


LEGEND PROPERTY LINE EXISTING BASIN DIVIDE EXISTING CROSS DRAIN		FLOW ARROW FEMA FLOOD PLAIN		WATERSHED BOUNDARY	
BURGESS & NIPLE 10006 N. MERRY HWY SUITE 201 TAMPA, FL 33618 (813) 962-8689		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93		FINANCIAL PROJECT ID 443623-1-22-01	
MATCH LINE (34)		MATCH LINE (35)		EXISTING CONDITIONS DRAINAGE MAP (35)	
JOHN HUTCHINS		6/16/2020 10:51:23 AM		SHEET NO. 35	

F:\Projects\443623\2201_I-75_POND_Drainage\CAD\Map.dwg



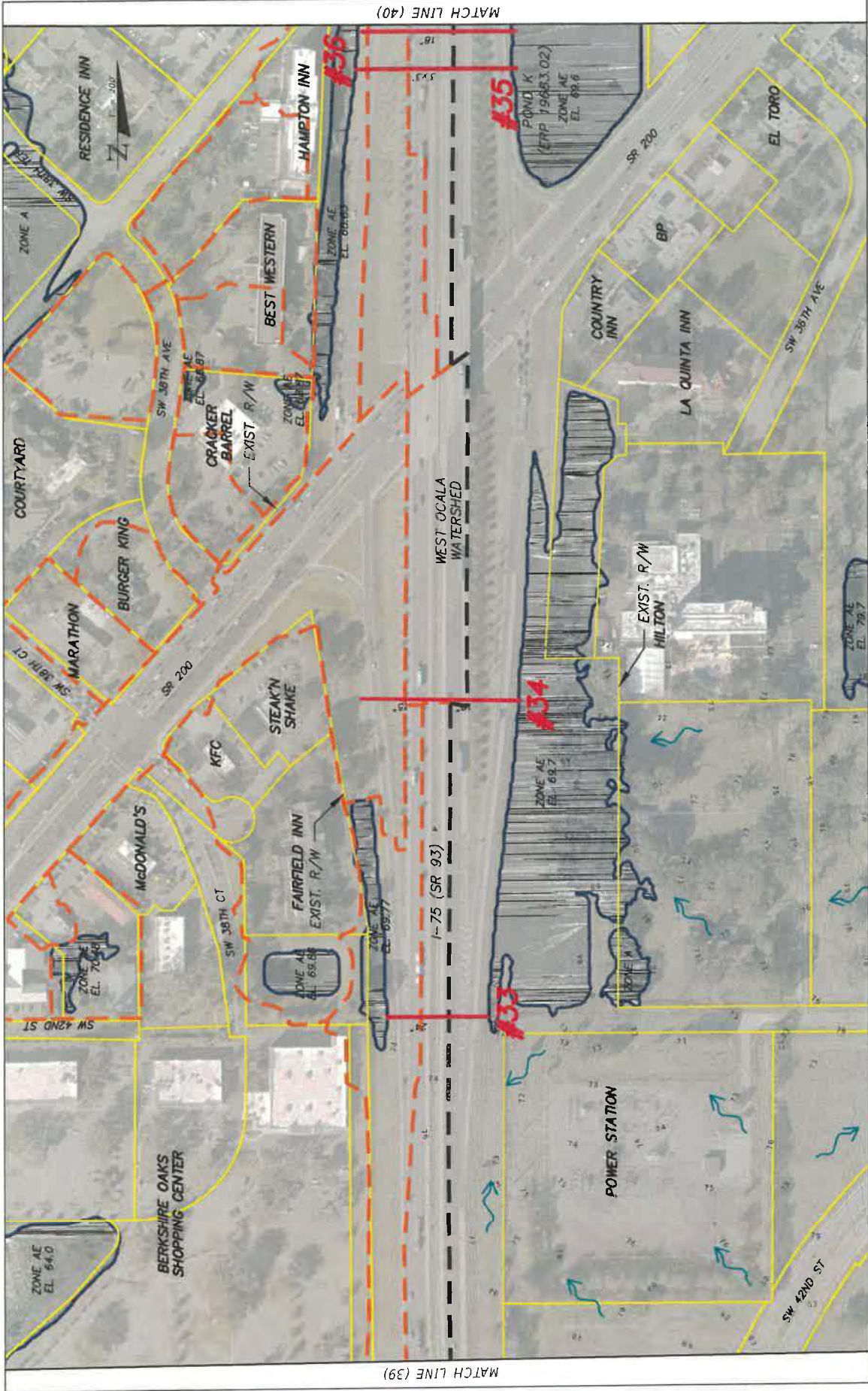
LEGEND		STATE OF FLORIDA		DEPARTMENT OF TRANSPORTATION		EXISTING CONDITIONS	
	PROPERTY LINE		FLOW ARROW	ROAD NO.	SR 93	COUNTY	SUMNER
	EXISTING BASIN DIVIDE		FEMA FLOOD PLAIN	FINANCIAL PROJECT ID	443623-1-22-01	CITY	MARION
	WATERSHED BOUNDARY			SR 200 WATERSHED			
	EXISTING CROSS DRAIN			WEST Ocala WATERSHED			
				SR 93 (SR 93)			
				EXIST. R/W			
				EXIST. R/W			
				ZONE AE EL. 81.9			
				ZONE AE EL. 93.8			
				ZONE AE EL. 93.6			
				ZONE AE EL. 88.4			
				SW 38TH AVE			
				SW 38TH AVE			
				MATCH LINE (35)			
				MATCH LINE (36)			



MATCH LINE (37)

MATCH LINE (38)

<p>LEGEND</p> <ul style="list-style-type: none"> — PROPERTY LINE - - - EXISTING BASIN DIVIDE - - - EXISTING GROSS DRAIN — WATERSHED BOUNDARY — FLOW ARROW — FEMA FLOOD PLAIN 		<p>BURGESS & NIPLE 10006 W. HART HWY SUITE 200 TAMPA, FL 33618 (813) 962-8689</p>		<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. SR 93</p>		<p>COUNTY SUMTER MARION</p>		<p>FINANCIAL PROJECT ID 443623-1-22-01</p>		<p>DATE 6/16/2020 10:56:35 AM</p>	
<p>EXISTING CONDITIONS DRAINAGE MAP (38)</p>											
<p>SHEET NO. 38</p>											

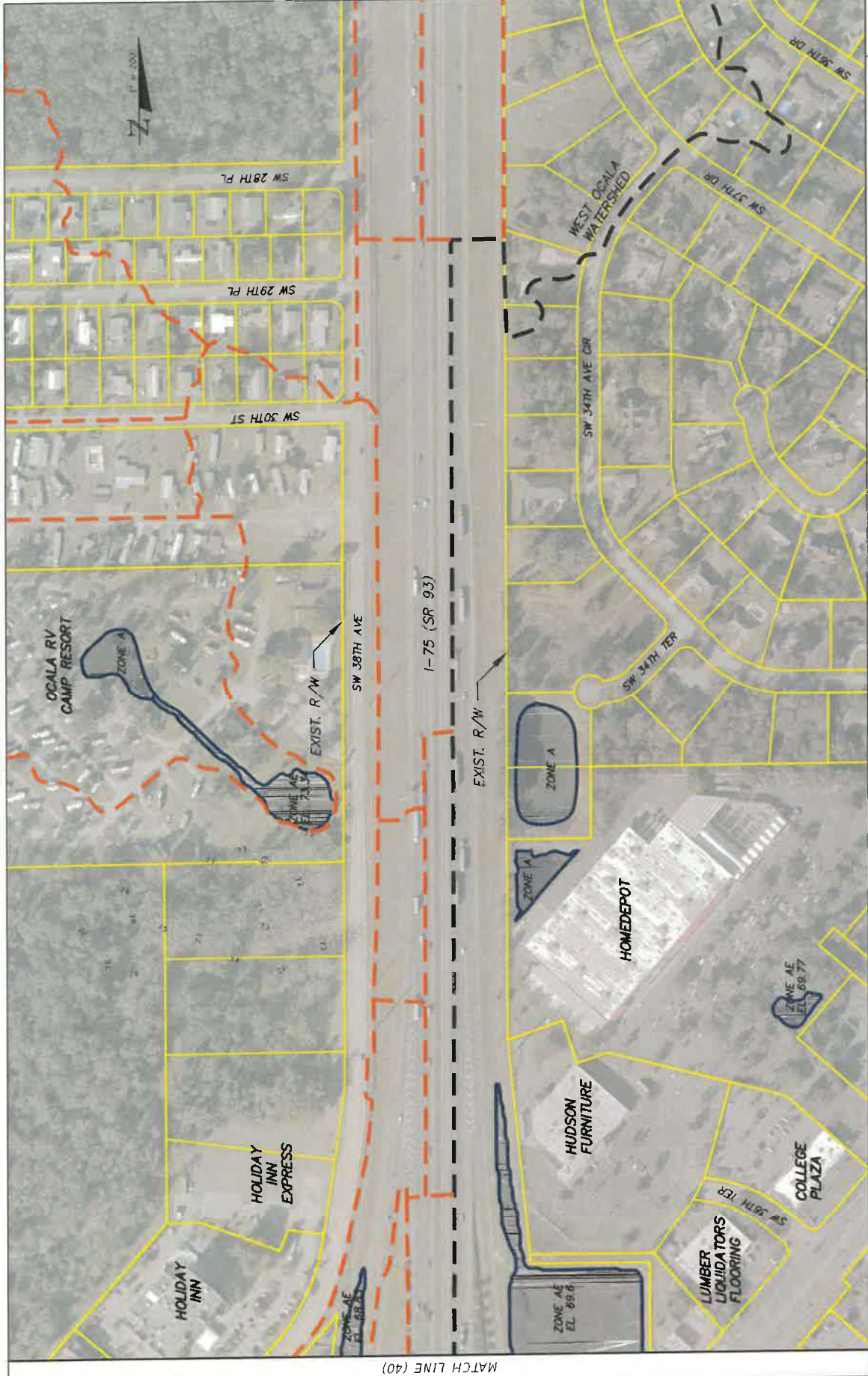


MATCH LINE (40)

MATCH LINE (39)

LEGEND		STATE OF FLORIDA		SHEET NO.	
	PROPERTY LINE	ROAD NO.	SR 93	DEPARTMENT OF TRANSPORTATION	40
	EXISTING BASIN DIVIDE	COUNTY	SUMTER	FINANCIAL PROJECT ID	
	EXISTING GROSS DRAIN	CITY	MACLON	443623-1-22-01	
	WATERSHED BOUNDARY	DATE	8/16/2020 10:58:15 AM		
	FLOW ARROW	PROJECT NO.			
	FEMA FLOOD PLAIN	PROJECT NAME			
		PROJECT ADDRESS			
		BURGESS & NIPLE			
		10006 N. GULF HWY			
		TAMPA, FL 33618			
		(813) 962-8659			
		JOHN NICHOLSON			
		8/16/2020 10:58:15 AM			
		PROJECT ID			
		443623-1-22-01			
		PROJECT NAME			
		EXISTING CONDITIONS DRAINAGE MAP (40)			

F:\Projects\4436231201-1-22-01-DRS_Village\CD\Mapa.mxd



MATCH LINE (40)

LEGEND	
	PROPERTY LINE
	EXISTING BASIN DIVIDE
	EXISTING CROSS DRAIN
	WATERSHED BOUNDARY
	FLOW ARROW
	FEMA FLOOD PLAIN

BURGESS & MIPLE
10006 W. HARRY HWY
SUITE 201
TAMPA, FL 33618
(813) 962-6689

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
ROAD NO. SR 93
COUNTY MARION
SUMMER 443623-1-22-01

**EXISTING CONDITIONS
DRAINAGE MAP (41)**

SHEET NO. 41

APPENDIX E

Long Range Cost Estimate

Date: 3/27/2024 10:16:20 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 452074-2-52-01 **Letting Date:** 06/2024
Description: I-75 IMPROVEMENTS FROM SOUTH OF S.R.44 TO S.R. 200
District: 05 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: 9 **Lump Sum Project:** N **Design/Build:** Y **Project Length:** 22.500 MI
Project Manager: GSB

Version 8 Project Grand Total **\$269,687,724.56**

Description: I-75 South Project - Aux Lanes AND 3 Cross Street Bridges (A-List FY 2025 Update 3/12/2024; Created by KNVOLJS on 2/29/2024, Noise Walls added 3/27/2024.

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 0.170 MI
898 LF

Description: SB Widening South from SR44 Inbound Ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	12.00 / 12.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.170
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.49 AC	\$39,400.00	\$19,306.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	319.81 CY	\$46.00	\$14,711.26
Earthwork Component Total				\$34,017.26

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	220

Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	12.00 / 12.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	6,382.93	SY	\$16.00	\$102,126.88
285-709	OPTIONAL BASE,BASE GROUP 09	2,459.42	SY	\$48.00	\$118,052.16
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,787.20	SY	\$4.25	\$20,345.60
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	526.59	TN	\$174.00	\$91,626.66
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	394.94	TN	\$174.00	\$68,719.56
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	191.49	TN	\$220.00	\$42,127.80
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	95.74	TN	\$220.00	\$21,062.80

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	115.00	EA	\$5.00	\$575.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.36	GM	\$1,300.00	\$1,768.00
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.36	GM	\$550.00	\$748.00

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total \$467,152.46

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00

Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,063.16	SY	\$32.00	\$34,021.12
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	997.33	SY	\$4.25	\$4,238.65
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	54.85	TN	\$174.00	\$9,543.90
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	39.89	TN	\$220.00	\$8,775.80
570-1-1	PERFORMANCE TURF	532.58	SY	\$5.25	\$2,796.04

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,064.48	LF	\$2.75	\$5,677.32
104-11	FLOATING TURBIDITY BARRIER	17.00	LF	\$15.00	\$255.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	17.00	LF	\$15.00	\$255.00
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	\$4,600.00	\$4,600.00
107-1	LITTER REMOVAL	1.24	AC	\$65.00	\$80.60
107-2	MOWING	1.24	AC	\$100.00	\$124.00

Shoulder Component Total \$70,367.44

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	5.34
New Total Median Shoulder Width L/R	10.00 / 10.00
New Paved Median Shoulder Width L/R	4.00 / 4.00
Existing Total Median Shoulder Width L/R	10.00 / 10.00
Existing Paved Median Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	863.69	SY	\$32.00	\$27,638.08
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	797.87	SY	\$4.25	\$3,390.95
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	43.88	TN	\$174.00	\$7,635.12
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	31.91	TN	\$220.00	\$7,020.20
570-1-1	PERFORMANCE TURF	532.58	SY	\$5.25	\$2,796.04

Median Component Total \$48,480.40

DRAINAGE COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	136.00	LF	\$185.00	\$25,160.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00	LF	\$282.00	\$4,512.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	7.00	EA	\$2,935.00	\$20,545.00
570-1-1	PERFORMANCE TURF	119.68	SY	\$5.25	\$628.32
Drainage Component Total					\$50,845.32

SIGNING COMPONENT**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	\$500.00	\$500.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	5.00	AS	\$1,600.00	\$8,000.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	\$300.00	\$300.00
700-1-60	SINGLE POST SIGN, REMOVE	5.00	AS	\$45.00	\$225.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	\$6,106.00	\$6,106.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	\$900.00	\$900.00
Signing Component Total					\$16,031.00

Sequence 1 Total**\$686,893.88**

Sequence: 2WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.379 MI
 2,001 LF
Description: Ramp/CD Reconstruction in the SB
Special NB: Inside widening and overbuild SB: Outside widening, CD Road Reconstruction, Wall
Conditions: Reconstruction

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.379
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.76	AC	\$39,400.00	\$108,744.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	130.44	CY	\$46.00	\$6,000.24
Earthwork Component Total					\$114,744.24

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	10.00 / 10.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	2.00 / 2.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	5,336.32	SY	\$16.00	\$85,381.12
285-709	OPTIONAL BASE,BASE GROUP 09	1,036.14	SY	\$48.00	\$49,734.72
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,446.93	SY	\$4.25	\$18,899.45
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	366.87	TN	\$174.00	\$63,835.38
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	122.29	TN	\$174.00	\$21,278.46
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	177.88	TN	\$200.00	\$35,576.00
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	73.37	TN	\$200.00	\$14,674.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	51.00	EA	\$5.00	\$255.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.52	GM	\$1,300.00	\$1,976.00
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.76	GM	\$555.00	\$421.80

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total \$292,031.93

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,370.22	SY	\$32.00	\$75,847.04
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	2,223.47	SY	\$4.25	\$9,449.75
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	122.29	TN	\$174.00	\$21,278.46
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	88.94	TN	\$200.00	\$17,788.00
570-1-1	PERFORMANCE TURF	1,187.33	SY	\$5.25	\$6,233.48

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
----------	-------------	----------	------	------------	-----------------

104-10-3	SEDIMENT BARRIER	4,602.58 LF	\$2.75	\$12,657.10
104-11	FLOATING TURBIDITY BARRIER	37.90 LF	\$15.00	\$568.50
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	37.90 LF	\$15.00	\$568.50
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,600.00	\$4,600.00
104-18	INLET PROTECTION SYSTEM	1.00 EA	\$150.00	\$150.00
107-1	LITTER REMOVAL	0.92 AC	\$65.00	\$59.80
107-2	MOWING	0.92 AC	\$100.00	\$92.00

Shoulder Component Total \$149,292.63

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	56.00 LF	\$185.00	\$10,360.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00 LF	\$282.00	\$9,024.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	4.00 EA	\$2,935.00	\$11,740.00
570-1-1	PERFORMANCE TURF	153.12 SY	\$5.25	\$803.88

Drainage Component Total \$31,927.88

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	\$500.00	\$500.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	8.00 AS	\$1,600.00	\$12,800.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	\$300.00	\$300.00
700-1-60	SINGLE POST SIGN, REMOVE	8.00 AS	\$45.00	\$360.00
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00 AS	\$5,200.00	\$5,200.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	\$900.00	\$900.00

Signing Component Total \$20,060.00

Sequence 2 Total \$608,056.68

Sequence: 3 MIS - Miscellaneous Construction

Net Length: 0.061 MI
322 LF

Description: Bridge Widening Sb

Special Conditions: 12

BRIDGES COMPONENT

Bridge 180069

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	400.00
Width (LF)	12.00
Type	High Level, Widen
Cost Factor	1.25
Structure No.	180069
Removal of Existing Structures area	0.00
Default Cost per SF	\$145.00
Factored Cost per SF	\$181.25
Final Cost per SF	\$187.85
Basic Bridge Cost	\$870,000.00
Description	SB BRIDGE WIDENING

Bridge Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	26.67 CY	\$750.00	\$20,002.50
415-1-9	REINF STEEL- APPROACH SLABS	4,667.25 LB	\$2.50	\$11,668.12
Bridge 180069 Total				\$901,670.63
Bridges Component Total				\$901,670.63

Sequence 3 Total **\$901,670.63**

Sequence: 4 WUR - Widen/Resurface, Undivided, Rural

Net Length: 0.227 MI
1,199 LF

Description: NB Inside Widening

Special NB Inside Widening and Overbuild (Rampa Merge into I-75 SB Outside Widening Median:

Conditions: Addition Median Wall

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.227
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.65 AC	\$39,400.00	\$65,010.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	78.13 CY	\$46.00	\$3,593.98
Earthwork Component Total				\$68,603.98

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	10.00 / 10.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	2.00 / 2.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,196.16 SY	\$16.00	\$51,138.56
285-709	OPTIONAL BASE,BASE GROUP 09	620.59 SY	\$48.00	\$29,788.32
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	2,663.47 SY	\$4.25	\$11,319.75
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	219.74 TN	\$174.00	\$38,234.76
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	73.25 TN	\$174.00	\$12,745.50
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	106.54 TN	\$200.00	\$21,308.00
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	43.95 TN	\$200.00	\$8,790.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	31.00	EA	\$5.00	\$155.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.91	GM	\$1,300.00	\$1,183.00
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.45	GM	\$555.00	\$249.75

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total \$174,912.64

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,419.63	SY	\$32.00	\$45,428.16
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1,331.73	SY	\$4.25	\$5,659.85
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	73.25	TN	\$174.00	\$12,745.50
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	53.27	TN	\$200.00	\$10,654.00
570-1-1	PERFORMANCE TURF	711.15	SY	\$5.25	\$3,733.54

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
----------	-------------	----------	------	------------	-----------------

104-10-3	SEDIMENT BARRIER	2,756.69 LF	\$2.75	\$7,580.90
104-11	FLOATING TURBIDITY BARRIER	22.70 LF	\$15.00	\$340.50
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	22.70 LF	\$15.00	\$340.50
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$4,600.00	\$4,600.00
104-18	INLET PROTECTION SYSTEM	1.00 EA	\$150.00	\$150.00
107-1	LITTER REMOVAL	0.55 AC	\$65.00	\$35.75
107-2	MOWING	0.55 AC	\$100.00	\$55.00

Shoulder Component Total \$91,323.70

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	40.00 LF	\$185.00	\$7,400.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00 LF	\$282.00	\$4,512.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00 EA	\$2,935.00	\$8,805.00
570-1-1	PERFORMANCE TURF	91.71 SY	\$5.25	\$481.48

Drainage Component Total \$21,198.48

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	\$500.00	\$500.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	5.00 AS	\$1,600.00	\$8,000.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	\$300.00	\$300.00
700-1-60	SINGLE POST SIGN, REMOVE	5.00 AS	\$45.00	\$225.00
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00 AS	\$5,200.00	\$5,200.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	\$900.00	\$900.00

Signing Component Total \$15,125.00

Sequence 4 Total \$371,163.80

Sequence: 5WUR - Widen/Resurface, Undivided, Rural**Net Length:** 1.269 MI
6,700 LF**Description:** NB 2 lane Widening**Special Conditions:** Outside Widening NB 2 Lane Widening SB 1 Lane Widening**EARTHWORK COMPONENT****User Input Data**

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.269
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	9.23	AC	\$39,400.00	\$363,662.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	436.76	CY	\$46.00	\$20,090.96
Earthwork Component Total					\$383,752.96

ROADWAY COMPONENT**User Input Data**

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	10.00 / 10.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	2.00 / 2.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	17,867.52	SY	\$16.00	\$285,880.32
285-709	OPTIONAL BASE,BASE GROUP 09	3,469.28	SY	\$48.00	\$166,525.44
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	14,889.60	SY	\$4.25	\$63,280.80
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,228.39	TN	\$174.00	\$213,739.86
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	409.46	TN	\$174.00	\$71,246.04
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	595.58	TN	\$200.00	\$119,116.00
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	245.68	TN	\$200.00	\$49,136.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	171.00	EA	\$5.00	\$855.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	5.08	GM	\$1,300.00	\$6,604.00
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	2.54	GM	\$555.00	\$1,409.70

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total \$977,793.16

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	7,936.16	SY	\$32.00	\$253,957.12
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	7,444.80	SY	\$4.25	\$31,640.40
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	409.46	TN	\$174.00	\$71,246.04
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	297.79	TN	\$200.00	\$59,558.00
570-1-1	PERFORMANCE TURF	3,975.52	SY	\$5.25	\$20,871.48

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
----------	-------------	----------	------	------------	-----------------

104-10-3	SEDIMENT BARRIER	15,410.74 LF	\$2.75	\$42,379.54
104-11	FLOATING TURBIDITY BARRIER	126.90 LF	\$15.00	\$1,903.50
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	126.90 LF	\$15.00	\$1,903.50
104-15	SOIL TRACKING PREVENTION DEVICE	2.00 EA	\$4,600.00	\$9,200.00
104-18	INLET PROTECTION SYSTEM	3.00 EA	\$150.00	\$450.00
107-1	LITTER REMOVAL	3.07 AC	\$65.00	\$199.55
107-2	MOWING	3.07 AC	\$100.00	\$307.00

Shoulder Component Total \$493,616.13

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	192.00 LF	\$185.00	\$35,520.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	88.00 LF	\$282.00	\$24,816.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	13.00 EA	\$2,935.00	\$38,155.00
570-1-1	PERFORMANCE TURF	512.68 SY	\$5.25	\$2,691.57

Drainage Component Total \$101,182.57

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00 AS	\$500.00	\$1,500.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	26.00 AS	\$1,600.00	\$41,600.00
700-1-50	SINGLE POST SIGN, RELOCATE	3.00 AS	\$300.00	\$900.00
700-1-60	SINGLE POST SIGN, REMOVE	26.00 AS	\$45.00	\$1,170.00
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	3.00 AS	\$5,200.00	\$15,600.00
700-2-60	MULTI- POST SIGN, REMOVE	3.00 AS	\$900.00	\$2,700.00

Signing Component Total \$63,470.00

Sequence 5 Total \$2,019,814.82

Sequence: 6 WDR - Widen/Resurface, Divided, Rural

Net Length: 17.840 MI
94,195 LF

Description: Outside Widening

Special Conditions: Outside Widening of the I-75 Aux Lane Alternative.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	114.00 / 114.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.000
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	493.03 AC	\$39,400.00	\$19,425,382.00

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
120-1	REGULAR EXCAVATION	11,954.00 CY	\$30.25	\$361,608.50
120-6	EMBANKMENT	32,376.00 CY	\$35.00	\$1,133,160.00

Earthwork Component Total \$20,920,150.50

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	12.00 / 12.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	550
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	502,374.40 SY	\$16.00	\$8,037,990.40
285-709	OPTIONAL BASE,BASE GROUP 09	258,094.85 SY	\$48.00	\$12,388,552.80

327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	753,561.60 SY	\$4.25	\$3,202,636.80
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	62,168.83 TN	\$168.00	\$10,444,363.44
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	69,076.48 TN	\$168.00	\$11,604,848.64
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	30,142.46 TN	\$220.00	\$6,631,341.20
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	10,047.49 TN	\$220.00	\$2,210,447.80

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	5,280.00 LF	\$43.00	\$227,040.00
536-73	GUARDRAIL REMOVAL	5,280.00 LF	\$3.00	\$15,840.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	6
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	16,859.00 EA	\$5.00	\$84,295.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	107.04 GM	\$1,300.00	\$139,152.00
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	107.04 GM	\$550.00	\$58,872.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	107.04 GM	\$6,000.00	\$642,240.00
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	107.04 GM	\$2,000.00	\$214,080.00

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total \$55,901,700.08

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.00 / 12.00
New Total Outside Shoulder Width L/R	12.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	10.00 / 10.00

Structural Spread Rate	220
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	0
Rumble Strips $\frac{1}{2}$ No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	216,230.31	SY	\$24.00	\$5,189,527.44
334-1-55	SUPERPAVE ASPH CONC, TRAF E, PG76-22	23,025.49	TN	\$168.00	\$3,868,282.32
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	552.61	TN	\$220.00	\$121,574.20
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	35.68	GM	\$1,950.00	\$69,576.00
570-1-1	PERFORMANCE TURF	41,864.53	SY	\$5.25	\$219,788.78

Erosion Control**Pay Items**

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	216,648.96	LF	\$2.75	\$595,784.64
104-11	FLOATING TURBIDITY BARRIER	1,784.00	LF	\$15.00	\$26,760.00
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	1,784.00	LF	\$15.00	\$26,760.00
104-15	SOIL TRACKING PREVENTION DEVICE	18.00	EA	\$4,600.00	\$82,800.00
107-1	LITTER REMOVAL	129.70	AC	\$65.00	\$8,430.50
107-2	MOWING	129.70	AC	\$100.00	\$12,970.00

Shoulder Component Total

\$10,222,253.88

MEDIAN COMPONENT**User Input Data**

Description	Value
Total Median Width	40.00
Performance Turf Width	0.00
New Total Median Shoulder Width L/R	0.00 / 0.00
New Paved Median Shoulder Width L/R	0.00 / 0.00
Existing Total Median Shoulder Width L/R	12.00 / 12.00
Existing Paved Median Shoulder Width L/R	10.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	0
Rumble Strips $\frac{1}{2}$ No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	209,322.67	SY	\$4.25	\$889,621.35
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	11,512.75	TN	\$174.00	\$2,003,218.50
337-7-25	ASPH CONC FC,INC BIT,FC- 5,PG76-22	552.61	TN	\$220.00	\$121,574.20
Median Component Total					\$3,014,414.05

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	14,272.00	LF	\$185.00	\$2,640,320.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	1,432.00	LF	\$282.00	\$403,824.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	714.00	EA	\$2,935.00	\$2,095,590.00
570-1-1	PERFORMANCE TURF	12,559.36	SY	\$5.25	\$65,936.64

Retention Basin 1

Description	Value
Size	10 AC
Multiplier	10
Depth	4.00
Description	BASIN 4-1 Area: 10.5 AC Prov. Vol.: 26.4 AC-FT Req. Vol: 19.3 AC-FT Berm: 64' Bottom: 60"

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	100.00	AC	\$39,400.00	\$3,940,000.00
120-1	REGULAR EXCAVATION	103,740.00	CY	\$30.25	\$3,138,135.00
425-1-541	INLETS, DT BOT, TYPE D, <10'	20.00	EA	\$7,000.00	\$140,000.00
425-2-71	MANHOLES, J-7, <10'	20.00	EA	\$10,525.00	\$210,500.00
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	1,040.00	LF	\$327.00	\$340,080.00
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	4,000.00	LF	\$626.00	\$2,504,000.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	27,800.00	LF	\$30.00	\$834,000.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	30.00	EA	\$5,250.00	\$157,500.00
570-1-1	PERFORMANCE TURF	484,000.00	SY	\$5.25	\$2,541,000.00

Retention Basin 2

Description	Value
Size	5 AC
Multiplier	10
Depth	6.00
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	50.00	AC	\$39,400.00	\$1,970,000.00
120-1	REGULAR EXCAVATION	484,000.00	CY	\$30.25	\$14,641,000.00
425-1-541	INLETS, DT BOT, TYPE D, <10'	10.00	EA	\$7,000.00	\$70,000.00
425-2-71	MANHOLES, J-7, <10'	20.00	EA	\$10,525.00	\$210,500.00
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	560.00	LF	\$327.00	\$183,120.00
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	4,000.00	LF	\$626.00	\$2,504,000.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	18,600.00	LF	\$30.00	\$558,000.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	20.00	EA	\$5,250.00	\$105,000.00
570-1-1	PERFORMANCE TURF	242,000.00	SY	\$5.25	\$1,270,500.00

Retention Basin 3

Description	Value
Size	10 AC
Multiplier	5
Depth	4.00
Description	Area: 10.5 AC Prov. Vol.: 26.4 AC-FT Req. Vol: 19.3 AC-FT Berm: 64' Bottom: 60"

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	50.00 AC	\$39,400.00	\$1,970,000.00
120-1	REGULAR EXCAVATION	322,666.65 CY	\$30.25	\$9,760,666.16
425-1-541	INLETS, DT BOT, TYPE D, <10'	10.00 EA	\$7,000.00	\$70,000.00
425-2-71	MANHOLES, J-7, <10'	10.00 EA	\$10,525.00	\$105,250.00
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	520.00 LF	\$327.00	\$170,040.00
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	2,000.00 LF	\$626.00	\$1,252,000.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	13,900.00 LF	\$30.00	\$417,000.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	15.00 EA	\$5,250.00	\$78,750.00
570-1-1	PERFORMANCE TURF	242,000.00 SY	\$5.25	\$1,270,500.00

Retention Basin 4

Description	Value
Size	2.5 AC
Multiplier	5
Depth	6.00
Description	

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	12.50 AC	\$39,400.00	\$492,500.00
120-1	REGULAR EXCAVATION	121,000.00 CY	\$30.25	\$3,660,250.00
425-1-361	INLETS, CURB, TYPE P-6, <10'	5.00 EA	\$10,000.00	\$50,000.00
425-2-71	MANHOLES, J-7, <10'	5.00 EA	\$10,525.00	\$52,625.00
430-175-142	PIPE CULV, OPT MATL, ROUND, 42"S/CD	280.00 LF	\$327.00	\$91,560.00
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	1,000.00 LF	\$626.00	\$626,000.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	6,675.00 LF	\$30.00	\$200,250.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	5.00 EA	\$5,250.00	\$26,250.00
570-1-1	PERFORMANCE TURF	60,500.00 SY	\$5.25	\$317,625.00
Drainage Component Total				\$61,134,271.80

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	36.00 AS	\$500.00	\$18,000.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-	429.00 AS	\$1,600.00	\$686,400.00

	20 SF			
700-1-50	SINGLE POST SIGN, RELOCATE	36.00 AS	\$300.00	\$10,800.00
700-1-60	SINGLE POST SIGN, REMOVE	429.00 AS	\$45.00	\$19,305.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	36.00 AS	\$6,106.00	\$219,816.00
700-2-60	MULTI- POST SIGN, REMOVE	36.00 AS	\$900.00	\$32,400.00
	Signing Component Total			\$986,721.00
<hr/>				
	Sequence 6 Total			\$152,179,511.31
<hr/>				

Sequence: 8 NUR - New Construction, Undivided, Rural

Net Length: 1.421 MI
7,500 LF

Description: Overpasses

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.894
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	17.21	AC	\$39,400.00	\$678,074.00
120-6	EMBANKMENT	103,581.09	CY	\$35.00	\$3,625,338.15
Earthwork Component Total					\$4,303,412.15

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	275
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	36,667.84	SY	\$16.00	\$586,685.44
285-709	OPTIONAL BASE,BASE GROUP 09	20,550.66	SY	\$48.00	\$986,431.68
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	2,750.09	TN	\$174.00	\$478,515.66
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	1,650.05	TN	\$200.00	\$330,010.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-3	RAISED PAVMT MARK, TYPE B	192.00	EA	\$5.00	\$960.00

710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.84 GM	\$1,300.00	\$3,692.00
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	1.42 GM	\$555.00	\$788.10
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	2.84 GM	\$5,400.00	\$15,336.00
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	1.42 GM	\$1,915.00	\$2,719.30

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total \$2,405,138.18

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	T
Rumble Strips 1/2 No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	8,883.62	SY	\$32.00	\$284,275.84
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	458.35	TN	\$174.00	\$79,752.90
337-7-83	ASPH CONC FC,TRAFFIC C,FC- 12.5,PG 76-22	687.52	TN	\$200.00	\$137,504.00
570-1-1	PERFORMANCE TURF	4,450.14	SY	\$5.25	\$23,363.24

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	19,500.62	LF	\$2.75	\$53,626.70
104-11	FLOATING TURBIDITY BARRIER	355.12	LF	\$15.00	\$5,326.80
104-12	STAKED TURBIDITY BARRIER- NYL REINF PVC	355.12	LF	\$15.00	\$5,326.80
104-15	SOIL TRACKING PREVENTION DEVICE	2.00	EA	\$4,600.00	\$9,200.00
107-1	LITTER REMOVAL	17.22	AC	\$65.00	\$1,119.30
107-2	MOWING	17.22	AC	\$100.00	\$1,722.00

Shoulder Component Total \$601,217.59

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	1,144.00	LF	\$185.00	\$211,640.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	240.00	LF	\$282.00	\$67,680.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	57.00	EA	\$2,935.00	\$167,295.00
570-1-1	PERFORMANCE TURF	1,000.03	SY	\$5.25	\$5,250.16
Drainage Component Total					\$451,865.16

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	\$500.00	\$1,500.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	29.00	AS	\$1,600.00	\$46,400.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	3.00	AS	\$6,106.00	\$18,318.00
Signing Component Total					\$66,218.00

BRIDGES COMPONENT

Bridge 180048

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	300.00
Width (LF)	50.00
Type	Medium Level
Cost Factor	1.25
Structure No.	180048
Removal of Existing Structures area	10,000.00
Default Cost per SF	\$135.00
Factored Cost per SF	\$168.75
Final Cost per SF	\$177.55
Basic Bridge Cost	\$2,531,250.00

Description HWY 475 OVER I-75

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	10,000.00	SF	\$52.00	\$520,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	111.11	CY	\$750.00	\$83,332.50
415-1-9	REINF STEEL- APPROACH SLABS	19,444.25	LB	\$2.50	\$48,610.62
Bridge 180048 Total					\$3,183,193.13

Bridge 360048

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES

Length (LF)	300.00
Width (LF)	50.00
Type	Medium Level
Cost Factor	1.25
Structure No.	360048
Removal of Existing Structures area	10,000.00
Default Cost per SF	\$135.00
Factored Cost per SF	\$168.75
Final Cost per SF	\$177.55
Basic Bridge Cost	\$2,531,250.00

Description SW 66TH OVER I-75 (WILLIAMS RD)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	10,000.00	SF	\$52.00	\$520,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	111.11	CY	\$750.00	\$83,332.50
415-1-9	REINF STEEL- APPROACH SLABS	19,444.25	LB	\$2.50	\$48,610.62
Bridge 360048 Total					\$3,183,193.13

Bridge 180047

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	350.00
Width (LF)	50.00
Type	Medium Level
Cost Factor	1.25
Structure No.	180047
Removal of Existing Structures area	10,000.00
Default Cost per SF	\$135.00
Factored Cost per SF	\$168.75
Final Cost per SF	\$176.29
Basic Bridge Cost	\$2,953,125.00

Description CR 462 OVER I-75

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	10,000.00	SF	\$52.00	\$520,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	111.11	CY	\$750.00	\$83,332.50
415-1-9	REINF STEEL- APPROACH SLABS	19,444.25	LB	\$2.50	\$48,610.62
Bridge 180047 Total					\$3,605,068.13

Bridges Component Total \$9,971,454.39

Sequence 8 Total \$17,799,305.47

Sequence: 9 MIS - Miscellaneous Construction

Net Length: 0.000 MI
0 LF

Description: Noise Barriers

ROADWAY COMPONENT

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	5,300.00
Noise Barrier Wall Begin Height	14.00
Noise Barrier Wall End Height	14.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
534-72-101	SOUND/NOISE BARRIER-INC FOUNDATION, PERM	74,200.00 SF	\$66.16	\$4,909,072.00
Roadway Component Total				\$4,909,072.00

Sequence 9 Total **\$4,909,072.00**

Date: 3/27/2024 10:16:21 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 452074-2-52-01

Letting Date: 06/2024

Description: I-75 IMPROVEMENTS FROM SOUTH OF S.R.44 TO S.R. 200

District: 05 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: 9 Lump Sum Project: N **Design/Build:** Y **Project Length:** 22.500 MI

Project Manager: GSB

Version 8 Project Grand Total **\$269,687,724.56**

Description: I-75 South Project - Aux Lanes AND 3 Cross Street Bridges (A-List FY 2025 Update 3/12/2024; Created by KNVOLJS on 2/29/2024, Noise Walls added 3/27/2024.

Project Sequences Subtotal **\$179,475,488.59**

102-1	Maintenance of Traffic	12.00 %	\$21,537,058.63
101-1	Mobilization	10.00 %	\$20,101,254.72

Project Sequences Total **\$221,113,801.94**

Project Unknowns	15.00 %	\$33,167,070.29
------------------	---------	-----------------

Justification for high %: The project unknowns are 15% due to the geotechnical issues in the area. MOT 12% for setting bridges over I-75 per Steven Buck.

Design/Build	6.00 %	\$15,256,852.33
--------------	--------	-----------------

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	\$150,000.00	\$150,000.00
Project Non-Bid Subtotal					\$150,000.00

Version 8 Project Grand Total **\$269,687,724.56**



Stephen Browning, PE

Florida Department of Transportation

District Five

719 S. Woodland Blvd

DeLand, FL 32720

(904) 769-6595

Stephen.Browning@dot.state.fl.us