APPENDIX B
CONCEPT PLANS

JOHN C. MOORE, JR.
LICENSE
No 42664
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

John C Moore

Digitally signed by John C Moore
Date: 2020.12.11 11:50:17 -05'00'

ON THE DATE ADJACENT TO THE SEAL

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

STANTEC CONSULTING SERVICES INC.
2316 KILLEARN CENTER BOULEVARD, SUITE 102
TALLAHASSEE, FL 32309
JOHN C. MOORE, JR.

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

BUILD ALTERNATIVE 1

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3	CURVE DATA SHEET
4 - 16	ROADWAY PLANS

BUILD ALTERNATIVE 2

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3	CURVE DATA SHEET
4 - 18	ROADWAY PLANS

BUILD ALTERNATIVE 3

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3	CURVE DATA SHEET
4 - 17	ROADWAY PLANS

CONSTRUCTION CONTRACT NO.

COMPONENTS OF CONCEPT PLANS SET
ROADWAY PLANS

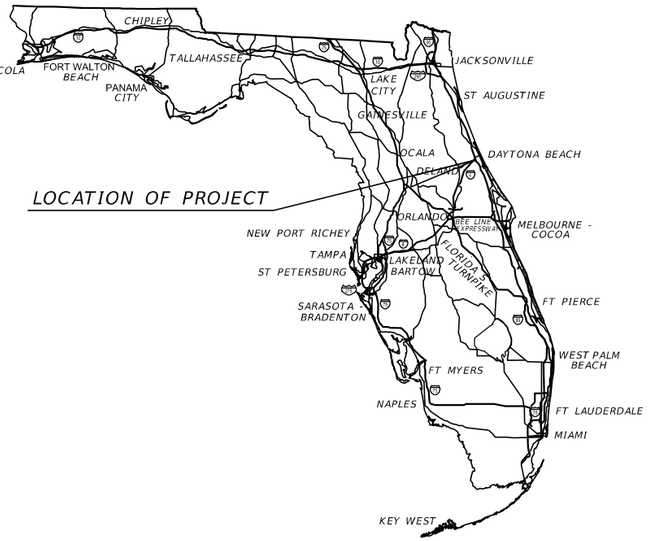
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 436292-1-22-01

VOLUSIA COUNTY (79002)

STATE ROAD NO. 9 (I-95)

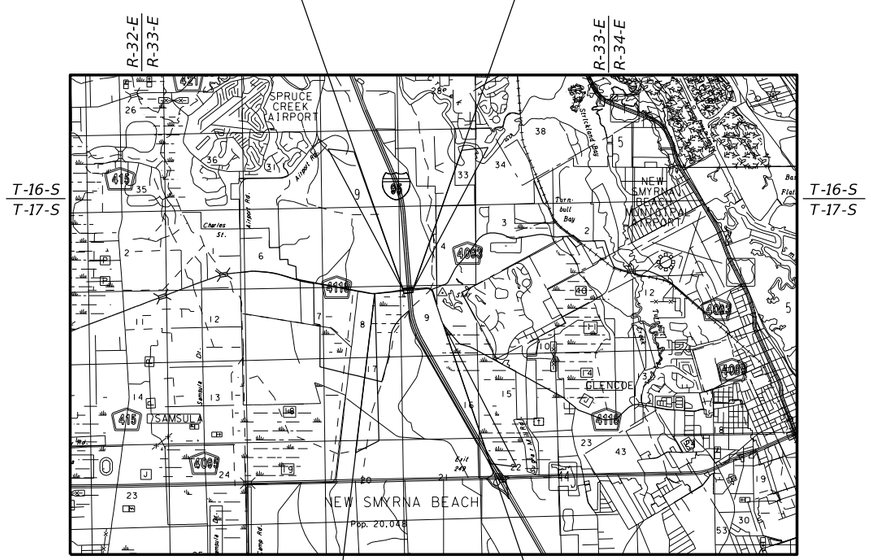


INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3	CURVE DATA
4-12	ROADWAY PLANS
13-16	ROADWAY PROFILES

BEGIN BRIDGE
STA. 48+68.01

END BRIDGE
STA. 51+45.35



N

0 1 2
Miles

PLANS PREPARED BY:

STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

BEGIN PROJECT
℄ CONST PIONEER TRAIL
STA. 16+59.82

END PROJECT
℄ CONST. PIONEER TRAIL
STA. 78+79.82

BUILD ALTERNATIVE 1

PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	14,918.38 *	2.83
BRIDGES	277.34	0.05
NET LENGTH OF PROJECT	15,195.72	2.88
EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	15,195.72	

* INCLUDES ALL RAMPS FOR NEW INTERCHANGE

KEY SHEET REVISIONS

DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: JOHN C. MOORE, JR. P.E.

P.E. NO.: 42664

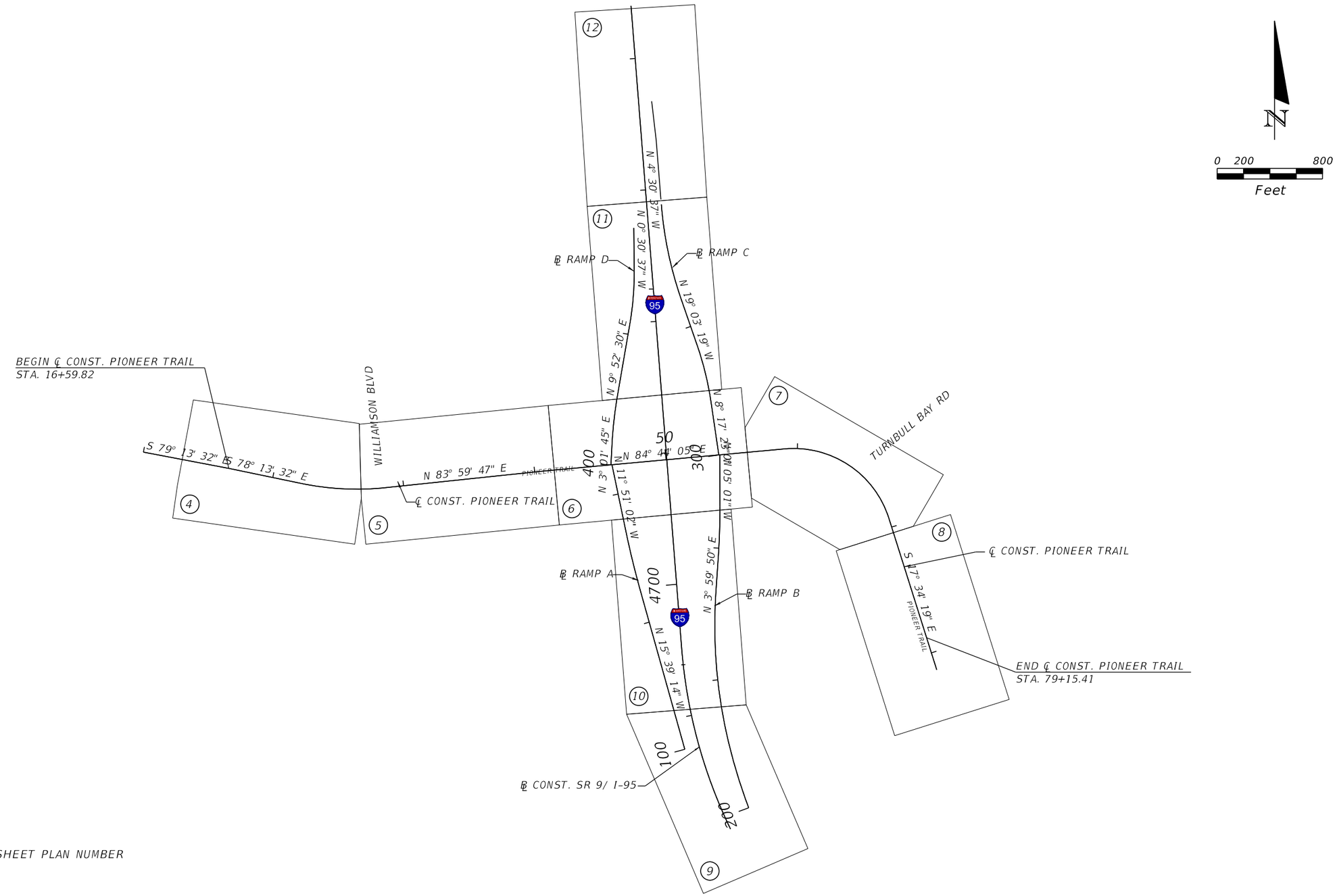
GOVERNING STANDARDS AND SPECIFICATIONS:
Florida Department of Transportation, 2019 Design Standards and revised Index Drawings as appended herein, and Florida Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
http://www.dot.state.fl.us/rddesign/

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
http://www.dot.state.fl.us/specificationsoffice/

FDOT PROJECT MANAGER: MARY MCGEHEE

FISCAL YEAR	SHEET NO.
19	1



LEGEND

(X) SHEET PLAN NUMBER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

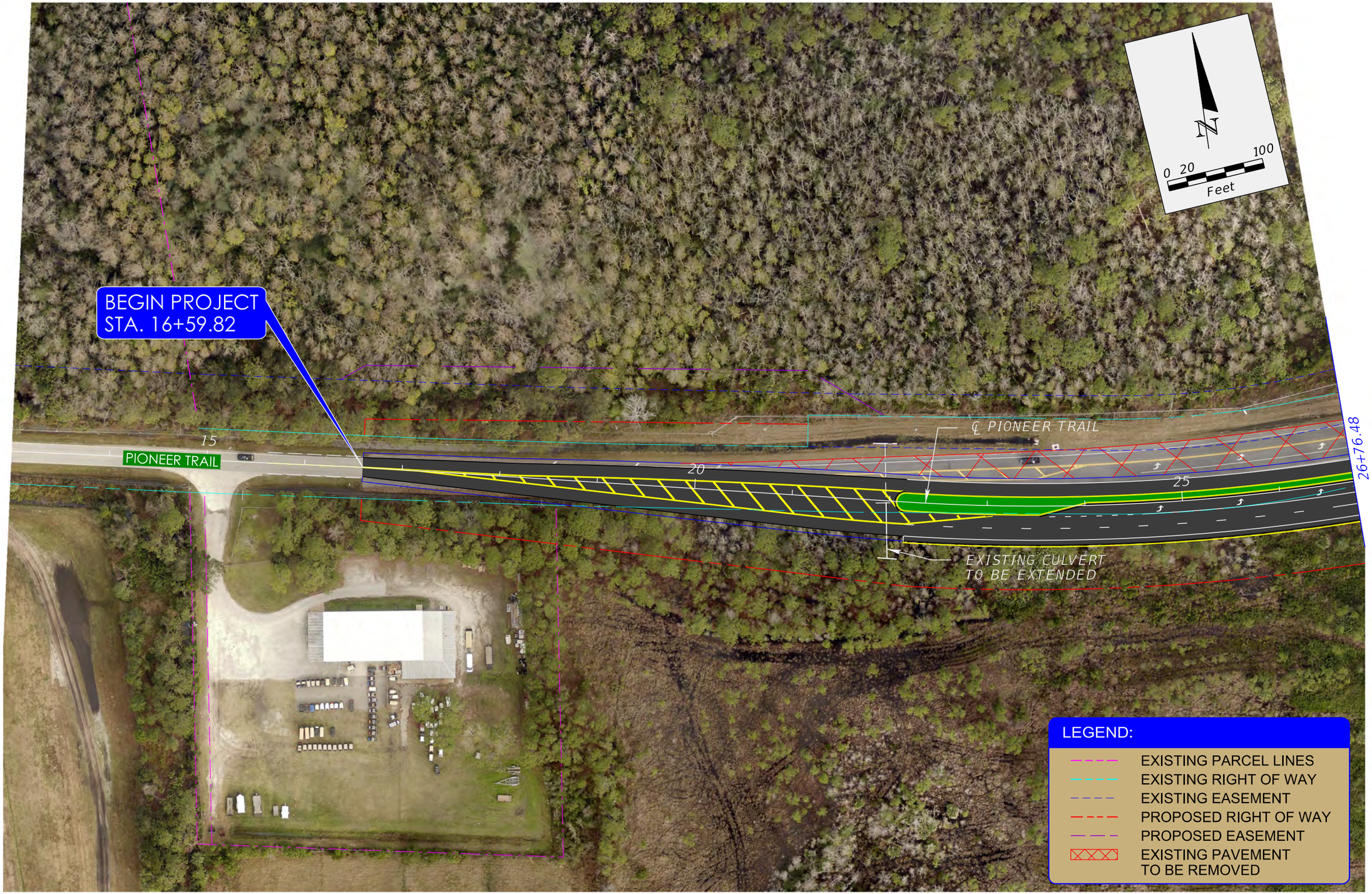
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

PROJECT LAYOUT

SHEET NO. 2

DIAMOND INTERCHANGE (ALTERNATIVE 1)
MAINLINE - HORIZONTAL CURVE (LENGTH & SUPERELEVATION)

CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH (FT)	RADIUS (FT)	e	DESIGN SPEED MPH
CL_PT1	CL_PT	22+16.42	25+44.86	28+68.02	17°46'41.5"	2°43'42.1"	328.44	651.61	2100	NC	45
CL_PT2		59+03.14	64+11.99	69+28.28	77°41'36.3"	7°34'43.7"	608.85	1025.14	756	0.041	45
BL_RAMP_A-1	RAMP_A	112+43.49	114+72.67	117+01.67	3°48'12.6"	0°49'48.5"	229.17	458.18	6902	NC	40
BL_RAMP_B-1	RAMP_B	200+00.00	202+97.00	205+92.97	8°16'35.6"	1°23'44.8"	297.00	592.97	4105	0.031	50
BL_RAMP_B-2		205+92.97	211+39.00	216+77.58	16°23'29.9"	1°30'40.6"	546.04	1084.62	3791	0.021	40
BL_RAMP_B-3		219+09.14	221+13.27	223+17.23	4°04'50.4"	0°59'59.7"	204.14	408.10	5730	NC	40
BL_RAMP_C-1	RAMP_C	304+05.08	306+23.30	308+40.25	10°45'56.2"	2°28'26.1"	218.23	435.17	2316	0.034	40
BL_RAMP_C-2		312+27.25	315+92.87	319+54.55	14°32'42.2"	1°59'59.5"	365.62	727.31	2865	0.040	50
BL_RAMP_D-1	RAMP_D	401+48.60	403+49.64	405+50.19	6°50'45.7"	1°42'17.0"	201.03	401.59	3361	NC	30
BL_RAMP_D-2		410+72.48	412+80.77	414+87.92	10°23'07.4"	2°29'59.3"	208.29	415.45	2292	0.049	50



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
4

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

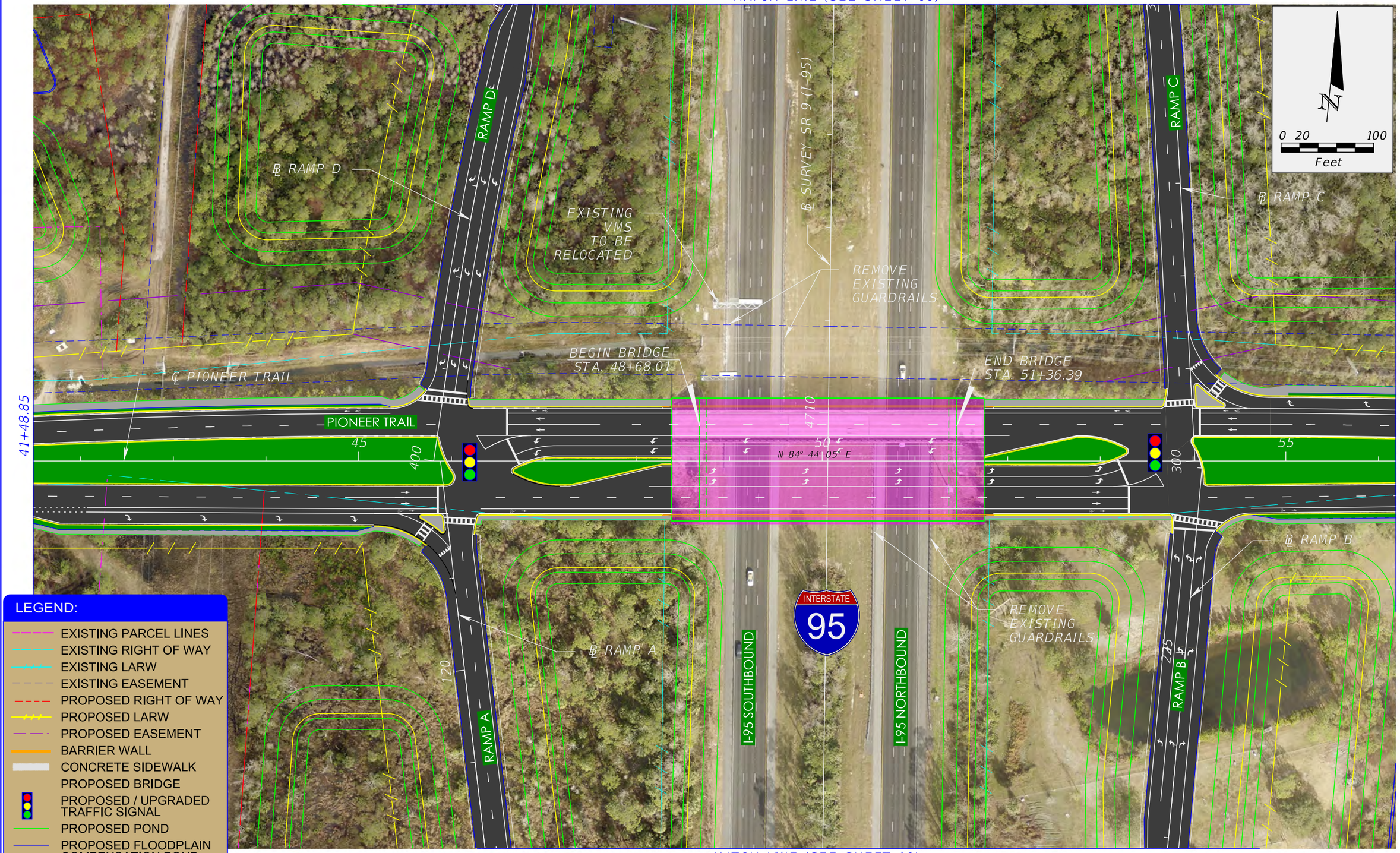
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
5

MATCH LINE (SEE SHEET 11)



LEGEND:

- EXISTING PARCEL LINES
- EXISTING RIGHT OF WAY
- EXISTING LARW
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY
- PROPOSED LARW
- PROPOSED EASEMENT
- BARRIER WALL
- CONCRETE SIDEWALK
- PROPOSED BRIDGE
- PROPOSED / UPGRADED TRAFFIC SIGNAL
- PROPOSED POND
- PROPOSED FLOODPLAIN COMPENSATION POND

MATCH LINE (SEE SHEET 10)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

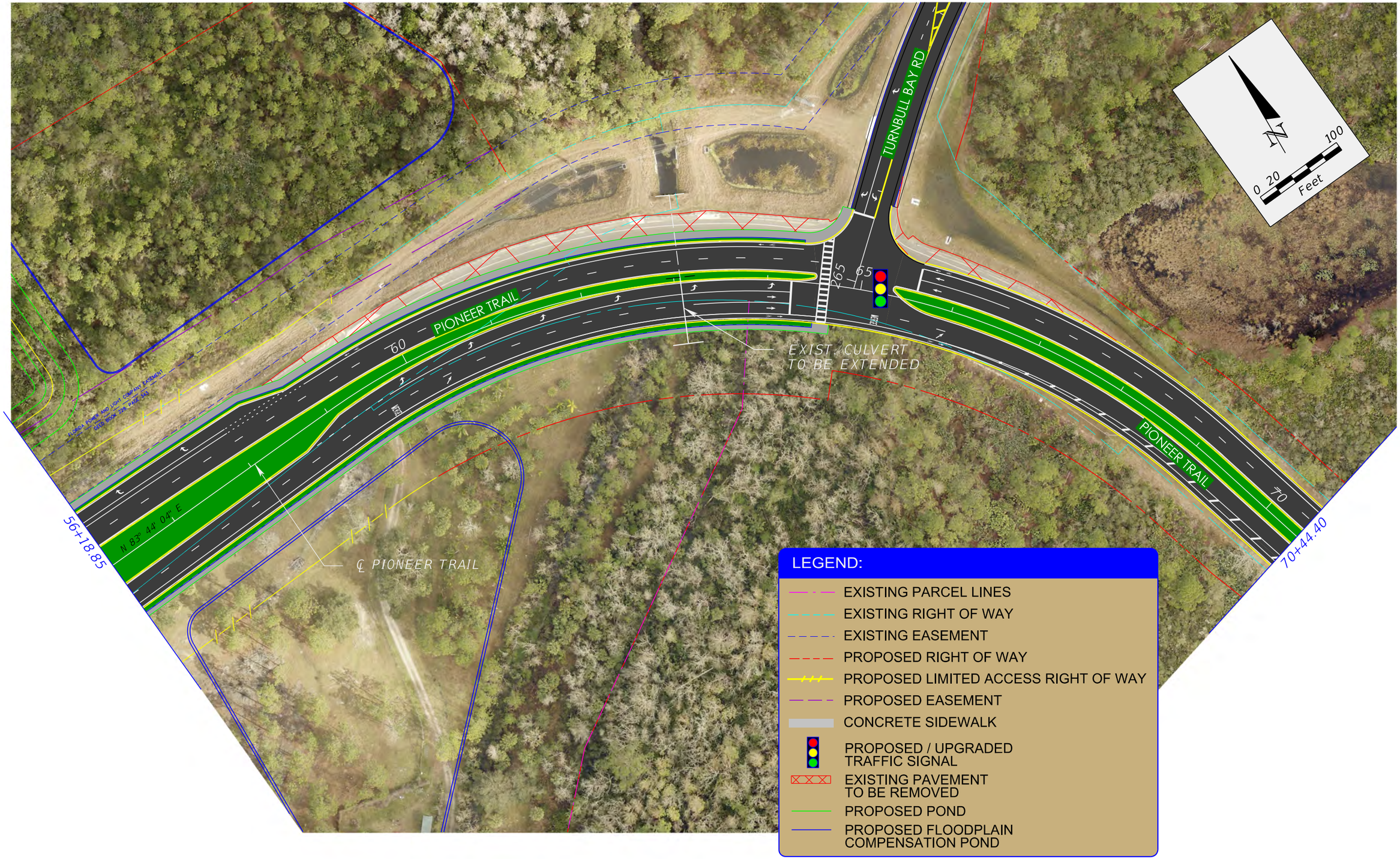
JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO. 6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
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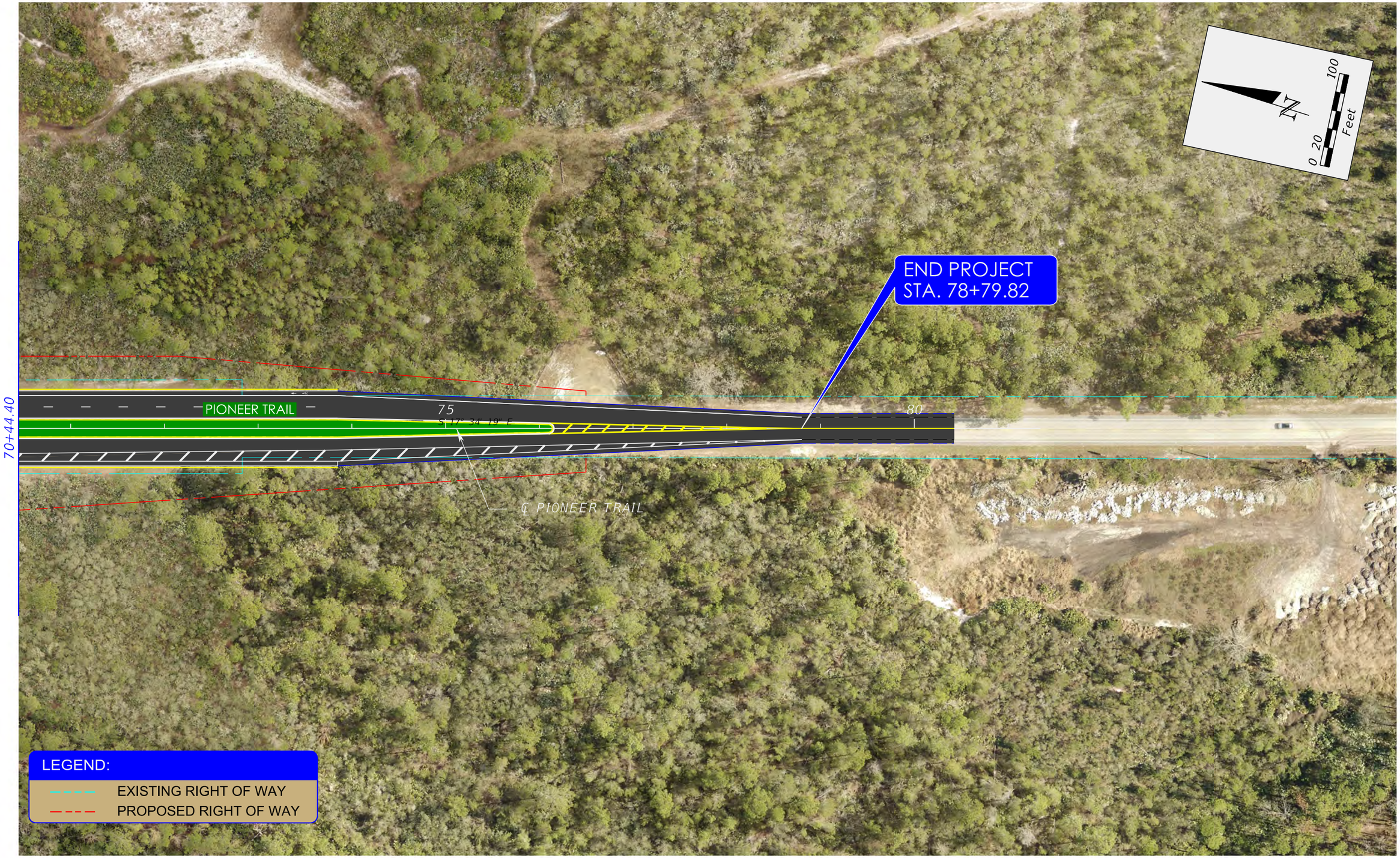
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO. 7



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
8

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
9

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

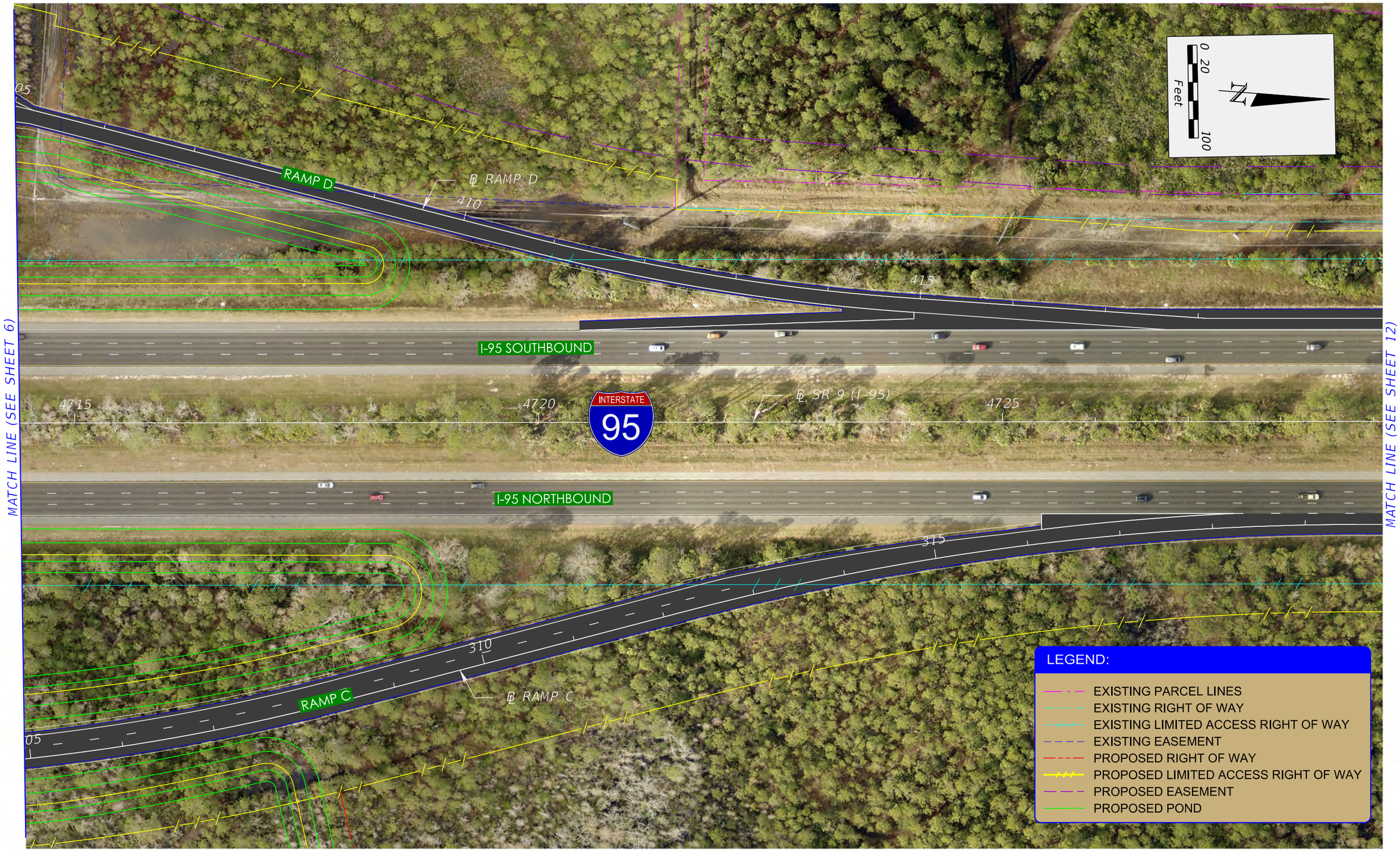
JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
10



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

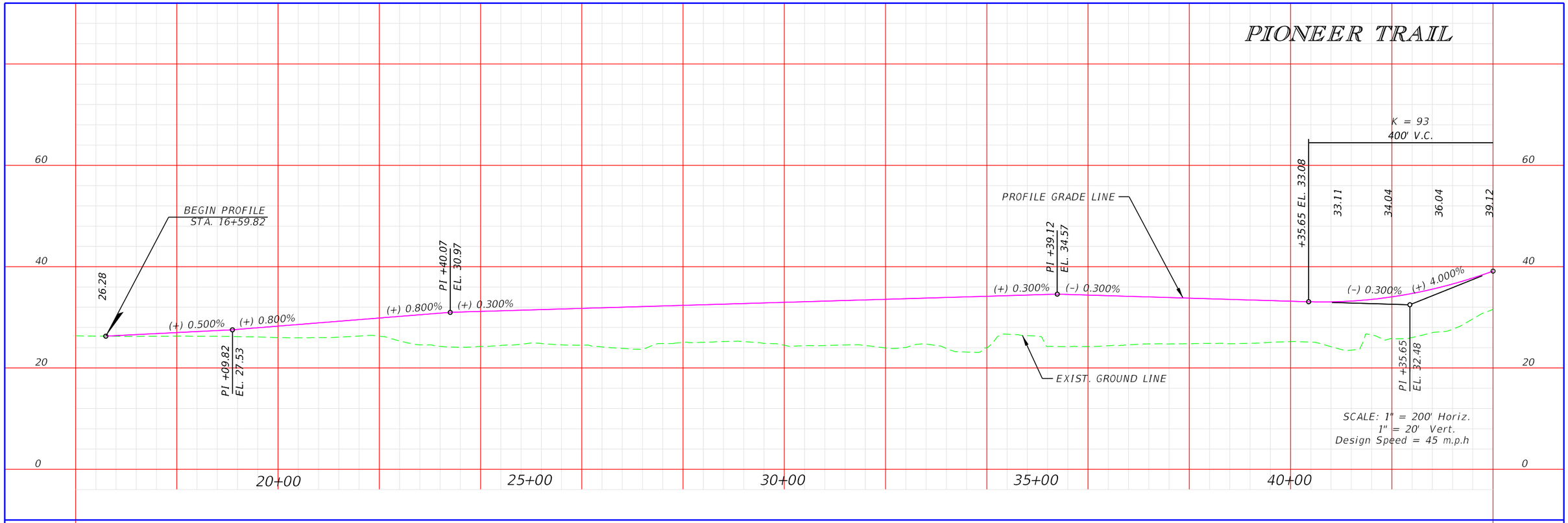
JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

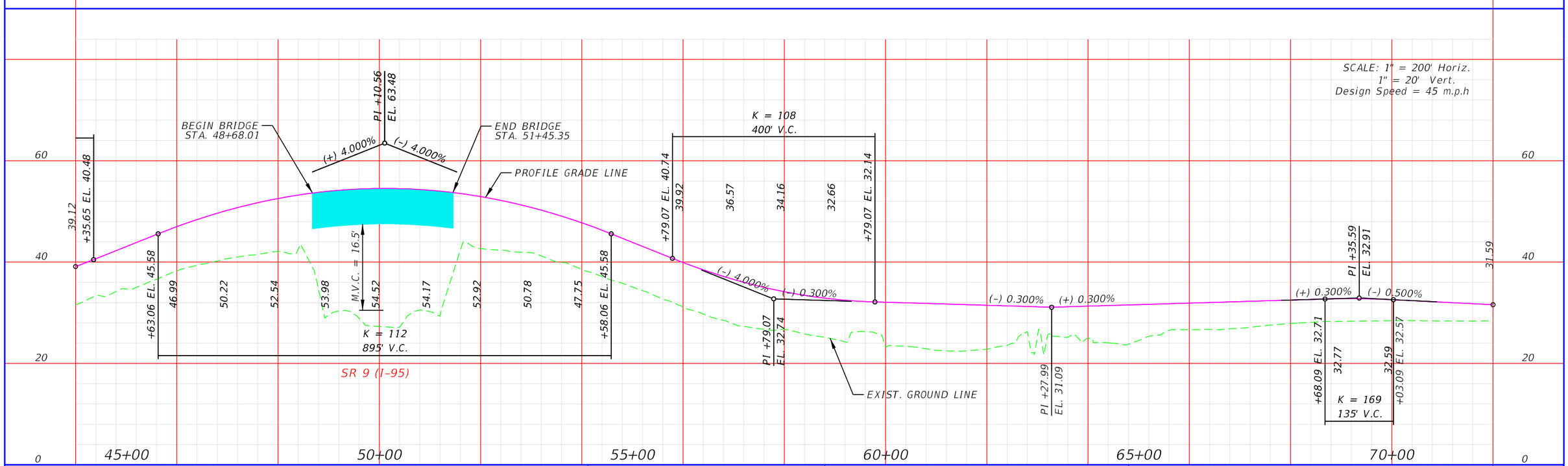
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
12





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

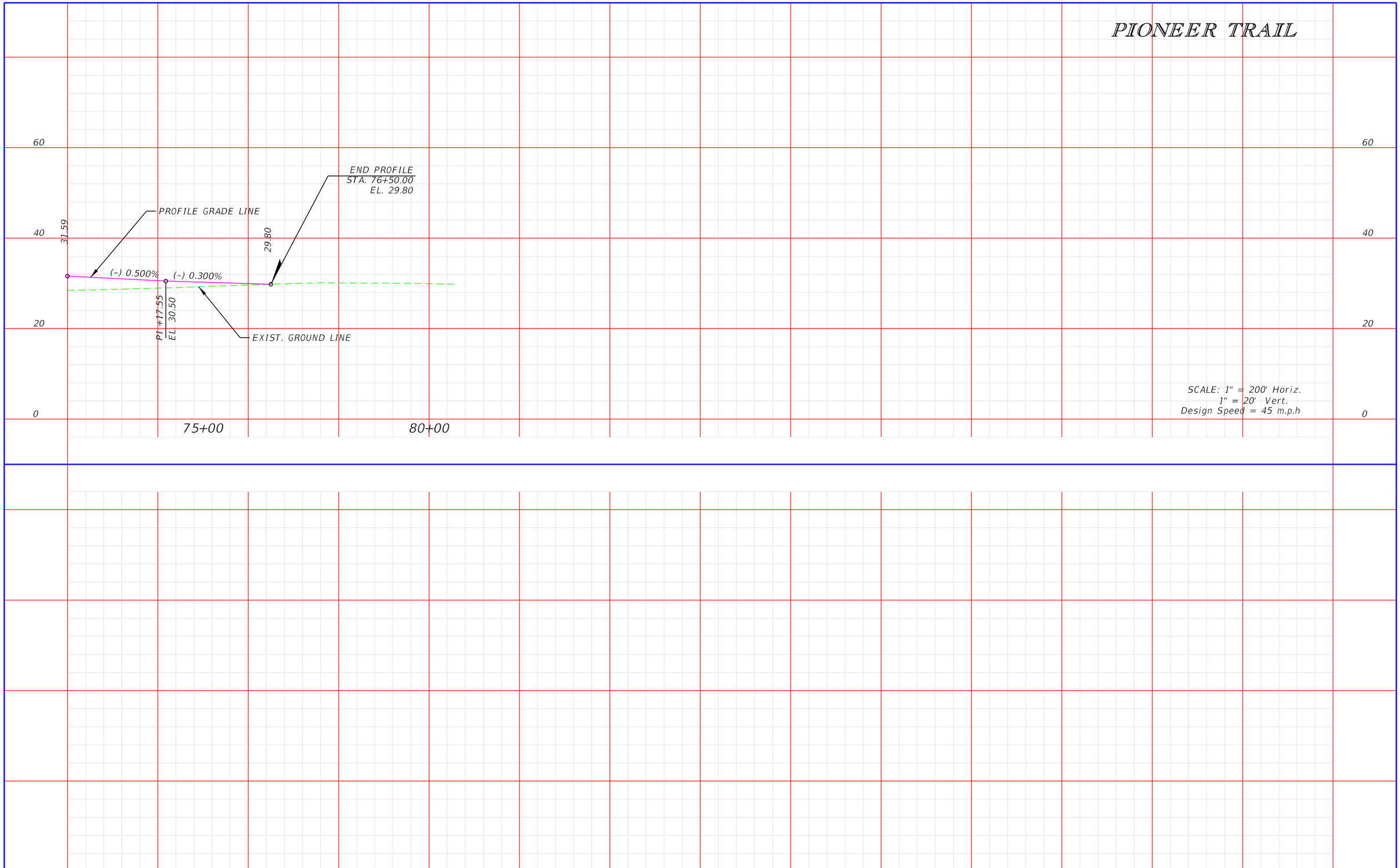
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
13

PIONEER TRAIL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

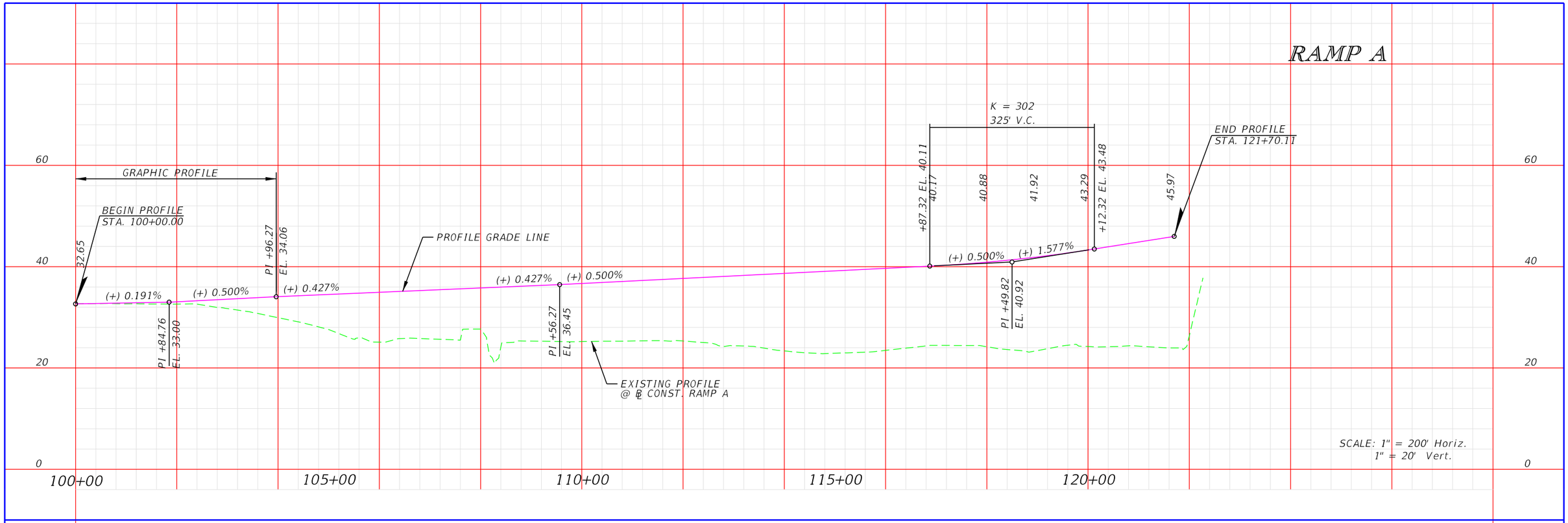
JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

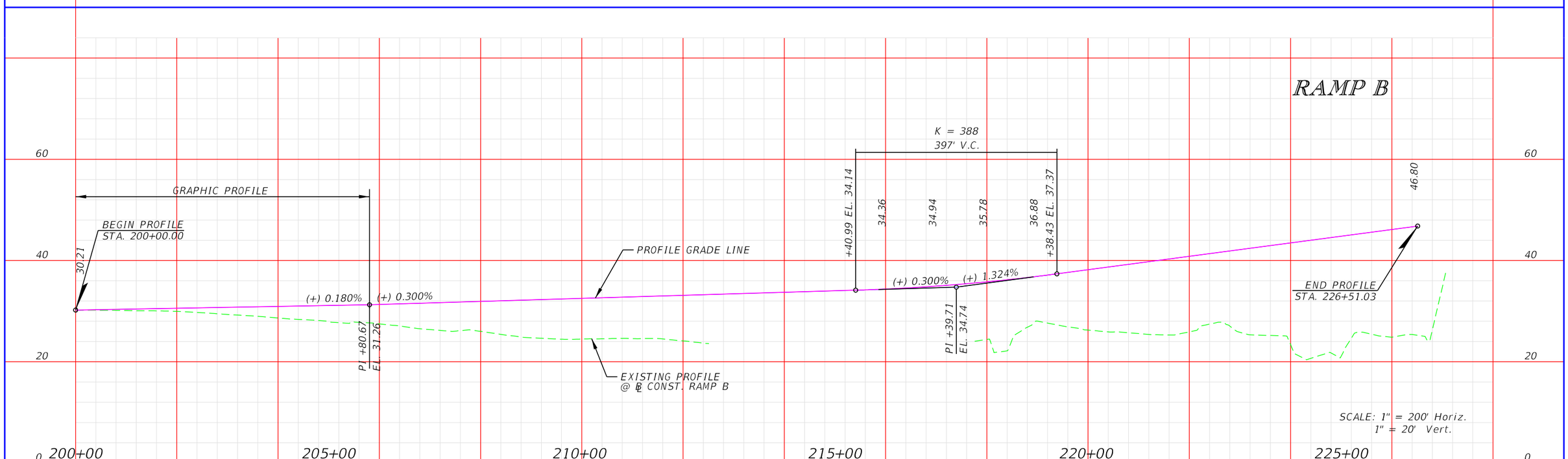
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
14





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

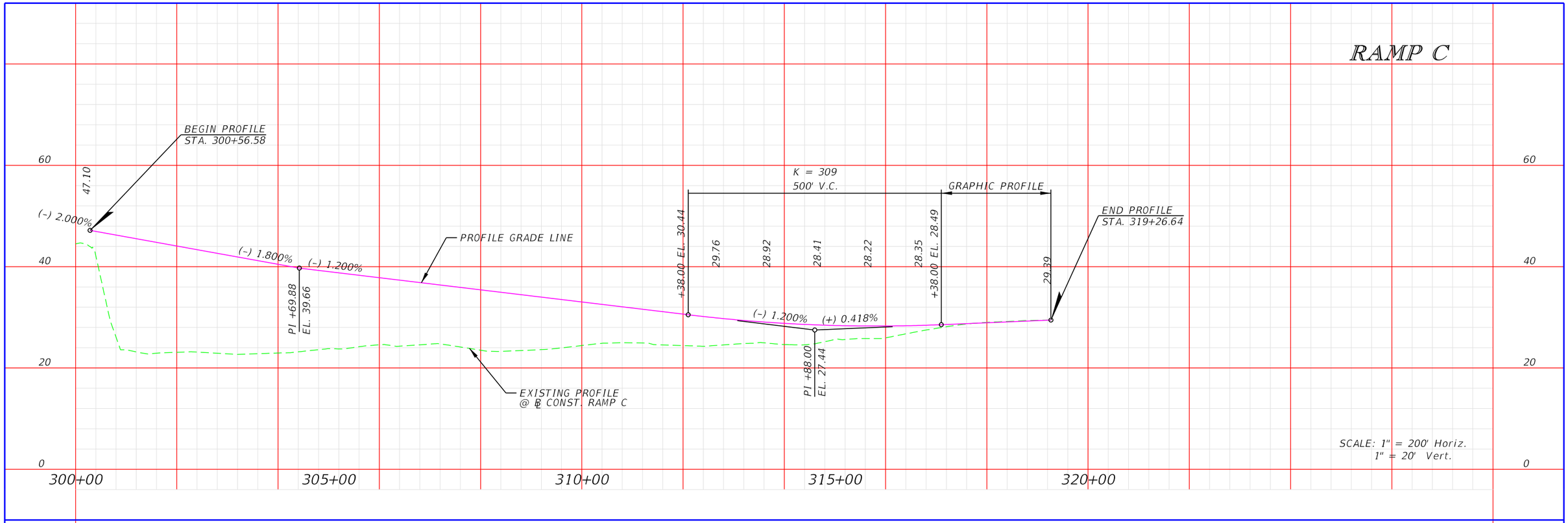
JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

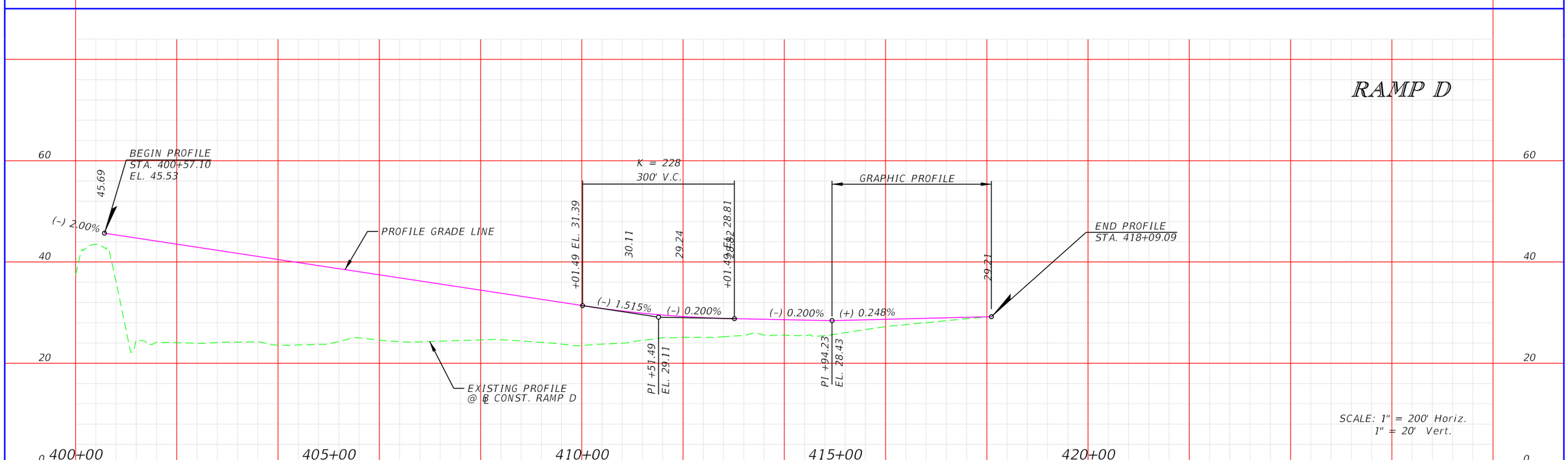
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
15





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
16

CONSTRUCTION CONTRACT NO.

COMPONENTS OF CONCEPT PLANS SET
ROADWAY PLANS

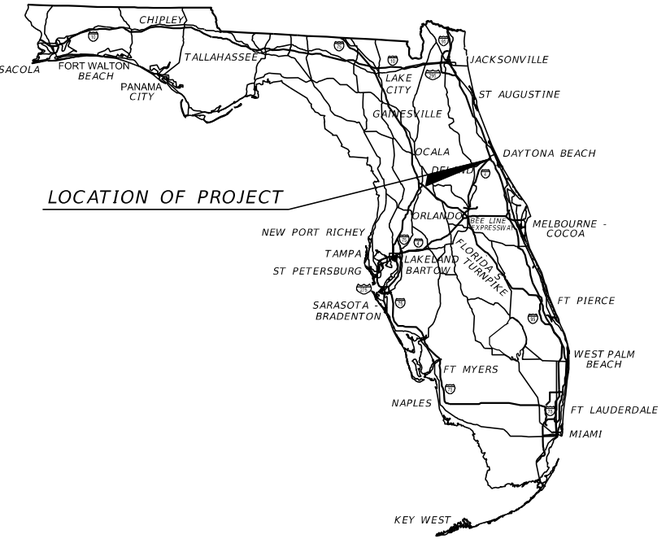
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 436292-1-22-01

VOLUSIA COUNTY (79002)

STATE ROAD NO. 9 (I-95)

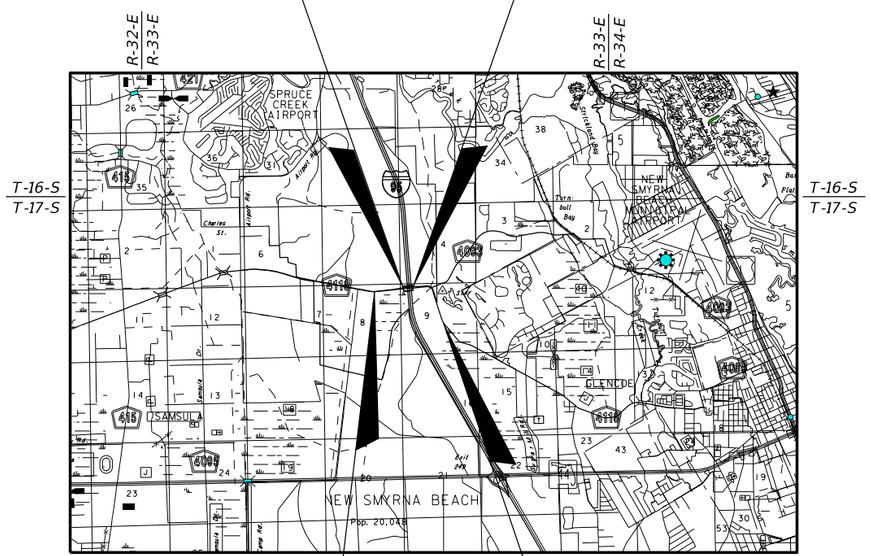


INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3	CURVE DATA
4-13	ROADWAY PLANS
14-18	ROADWAY PROFILES

BEGIN BRIDGE
STA. 48+68.01

END BRIDGE
STA. 51+45.35



BEGIN PROJECT
℄ CONST. PIONEER TRAIL
STA. 16+59.82

END PROJECT
℄ CONST. PIONEER TRAIL
STA. 78+79.82

N

0 1 2
Miles

PLANS PREPARED BY:

STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

BUILD ALTERNATIVE 2

PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	16,759.57 *	3.17
BRIDGES	277.34	0.05
NET LENGTH OF PROJECT	17,036.91	3.22
EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	17,036.91	

* INCLUDES ALL RAMPS FOR NEW INTERCHANGE

GOVERNING STANDARDS AND SPECIFICATIONS:
Florida Department of Transportation, 2019 Design Standards and revised Index Drawings as appended herein, and Florida Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
http://www.dot.state.fl.us/rddesign/

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
http://www.dot.state.fl.us/specificationsoffice/

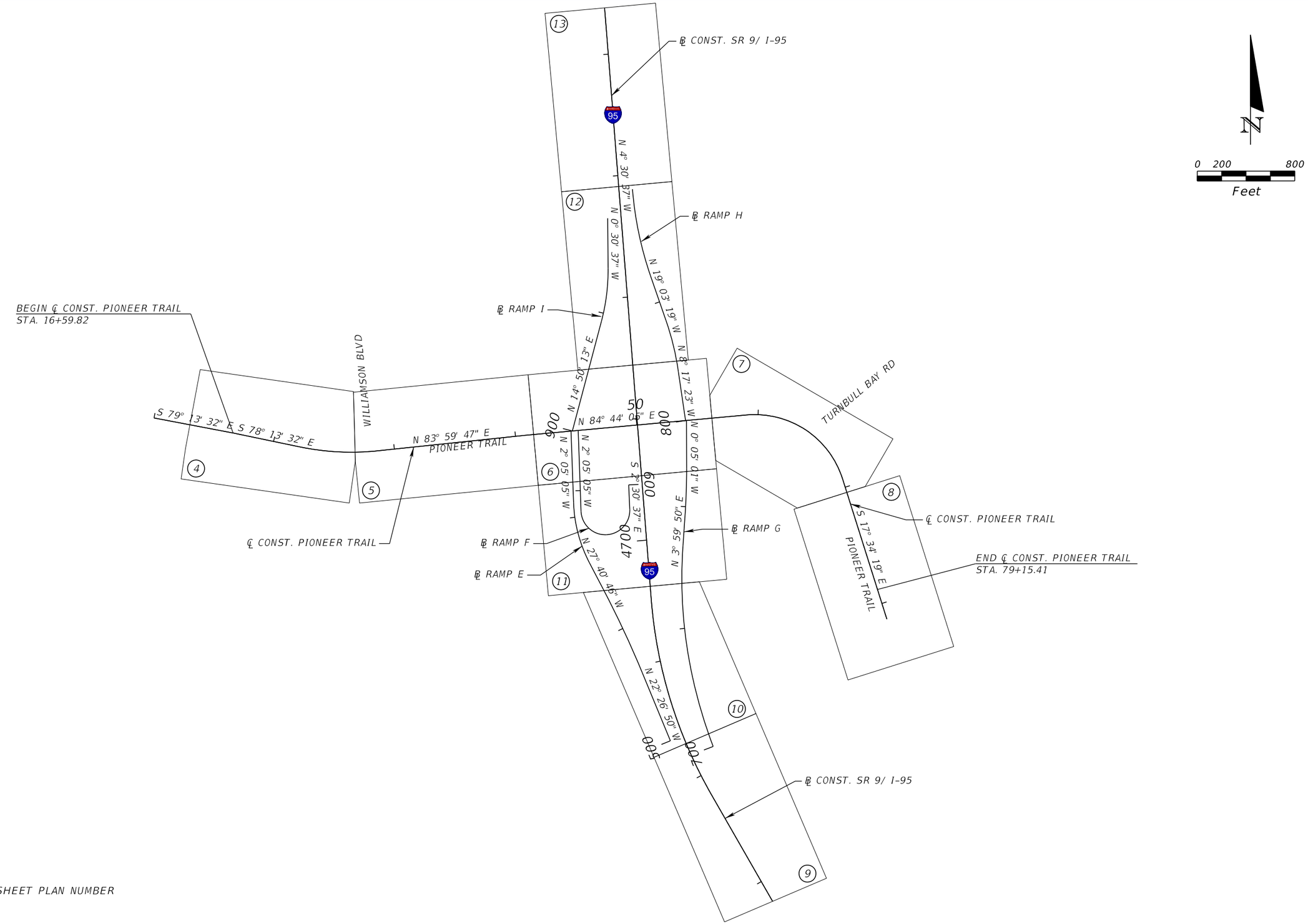
KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: JOHN C. MOORE, JR., P.E.

P.E. NO.: 42664

FDOT PROJECT MANAGER: MARY MCGEHEE

FISCAL YEAR	SHEET NO.
19	1



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

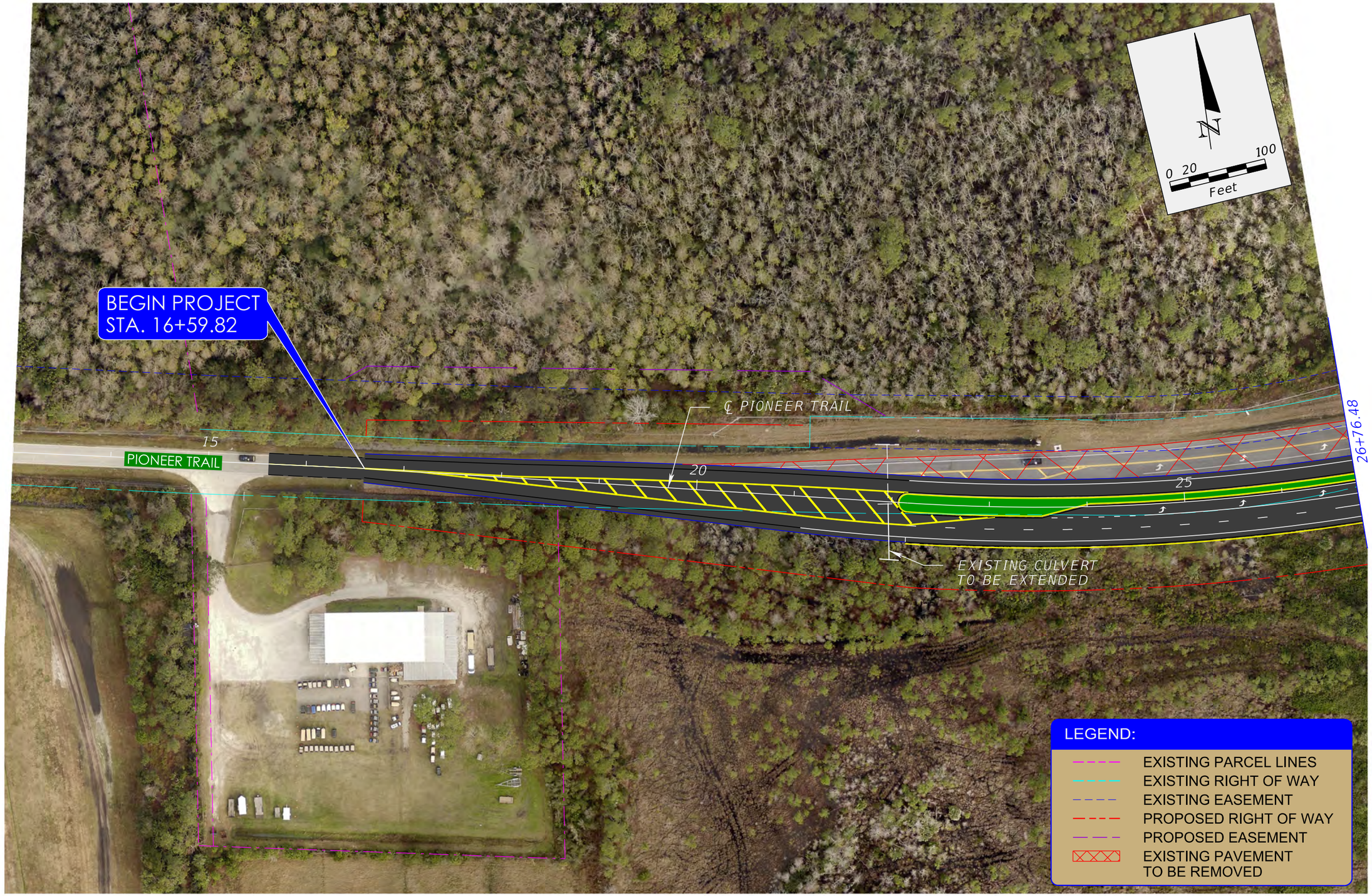
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

PROJECT LAYOUT

SHEET NO. 2

PARCLO 1 INTERCHANGE (ALTERNATIVE 2)
MAINLINE - HORIZONTAL CURVE (LENGTH & SUPERELEVATION)

CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH (FT)	RADIUS (FT)	e	DESIGN SPEED MPH
CL_PT-1	CL_PT	22+16.42	25+44.86	28+68.02	17°46'41.5"	2°43'42.1"	328.44	651.61	2100	0.040	45
CL_PT-2		59+03.14	65+11.99	69+28.28	77°41'36.3"	7°34'43.7"	608.85	1025.14	756	0.089	45
BL_RAMP_E-1	RAMP_E	506+02.10	509+83.03	513+63.43	5°13'56.0"	0°41'14.1"	380.93	761.33	8337	NC	50
BL_RAMP_E-2		516+05.34	518+65.65	521+17.28	25°35'41.0"	4°59'58.7"	260.31	511.93	1146	0.050	35
BL_RAMP_F-1	RAMP_F	602+00.00	604+00.74	605+14.90	90°12'46.2"	28°38'52.4"	200.74	314.90	200	0.100	30
BL_RAMP_F-2		605+14.90	607+15.65	608+29.80	90°12'46.2"	28°38'52.4"	200.74	314.90	200	0.100	30
BL_RAMP_G-1	RAMP_G	700+00.00	702+97.00	705+92.97	8°16'35.6"	1°23'44.8"	297.00	592.97	4104	0.031	50
BL_RAMP_G-2		705+92.97	711+39.00	716+77.58	16°23'29.2"	1°30'40.6"	546.04	1084.62	3791	0.028	40
BL_RAMP_G-3		719+09.14	721+13.27	723+17.23	4°04'50.4"	0°59'59.7"	204.14	408.10	5730	NC	40
BL_RAMP_H-1	RAMP_H	804+05.08	806+23.30	808+40.25	10°45'56.2"	2°28'26.1"	218.23	435.17	2316	0.034	40
BL_RAMP_H-2		812+27.25	815+92.87	819+54.55	14°32'42.2"	1°59'59.5"	365.62	727.31	2865	0.040	50
BL_RAMP_I-1	RAMP_I	909+33.21	911+53.78	913+71.70	15°20'50.0"	3°30'00.2"	220.56	438.49	1637	0.065	50



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
4

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
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STANTEC CONSULTING SERVICES INC.
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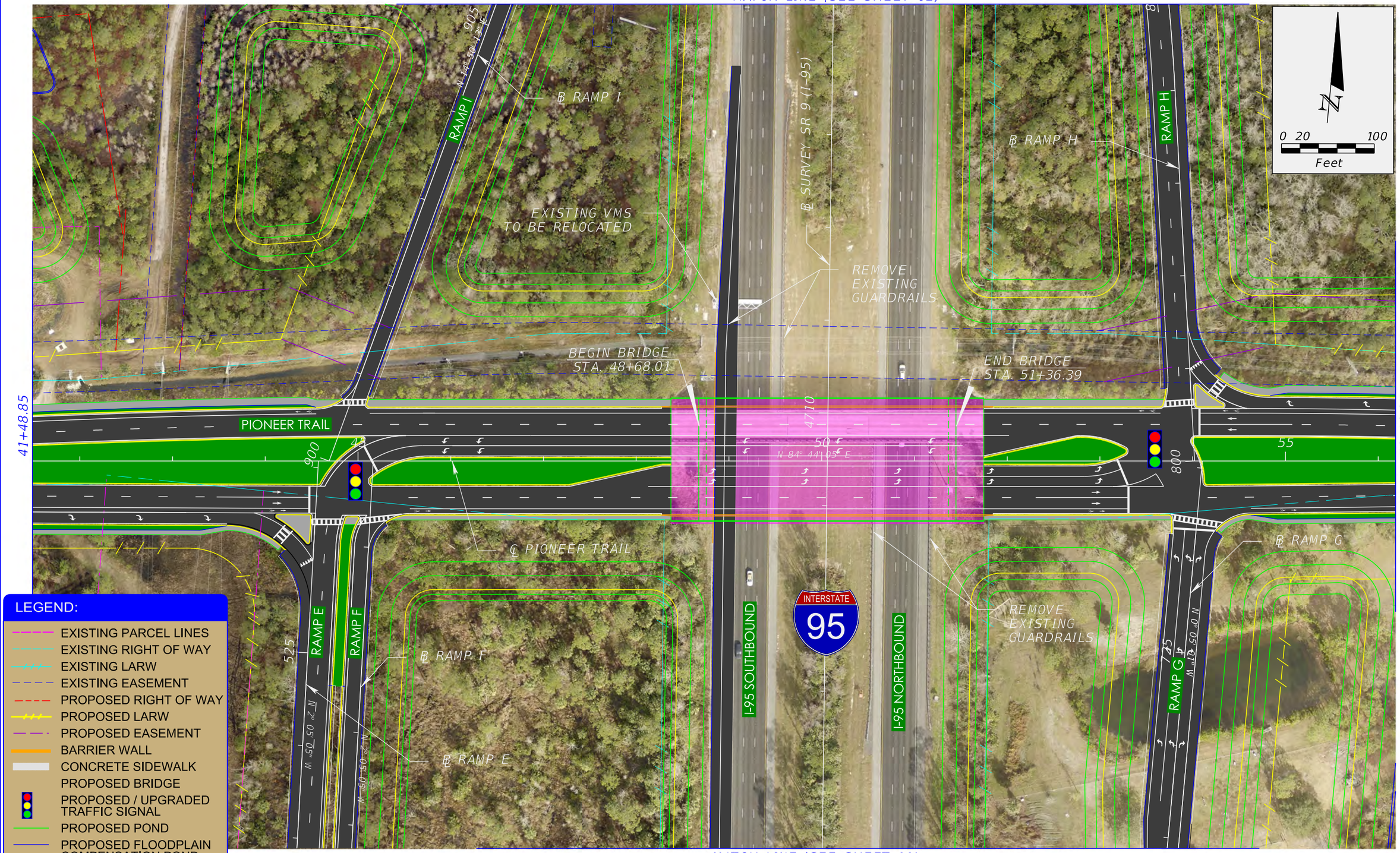
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
5

MATCH LINE (SEE SHEET 12)



MATCH LINE (SEE SHEET 11)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
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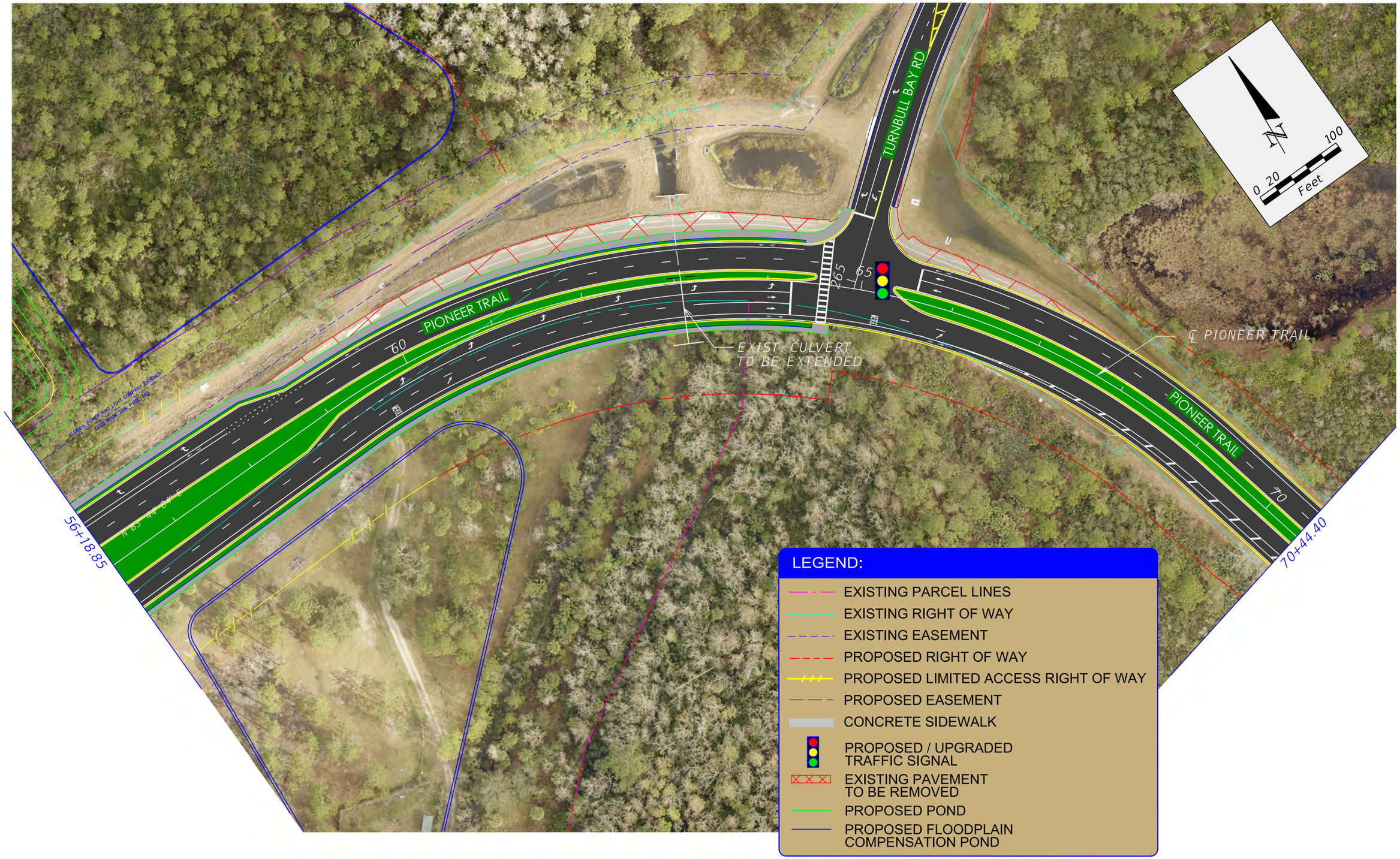
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO. 6



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
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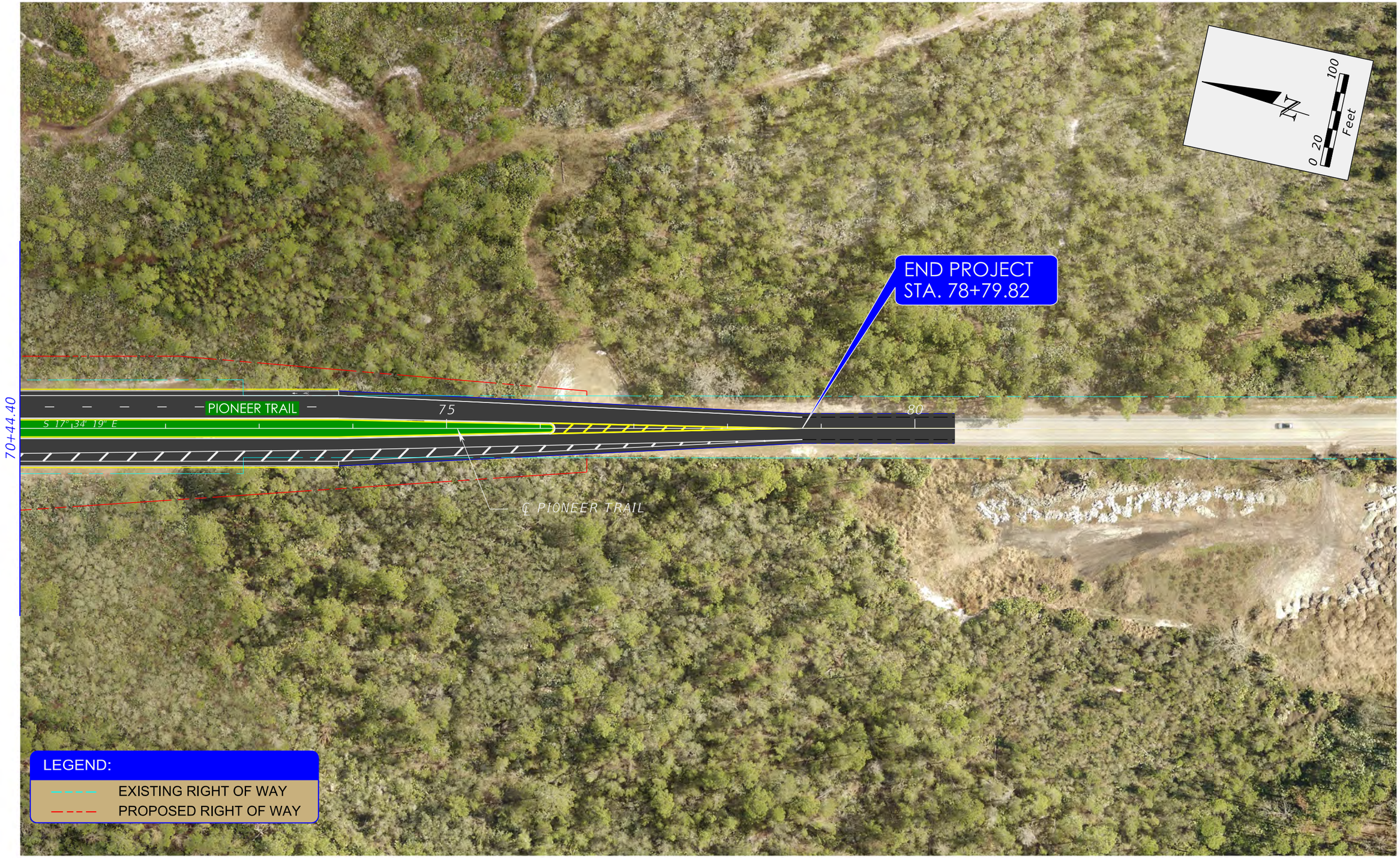
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
7



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
8

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
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300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
9

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
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300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
10

MATCH LINE (SEE SHEET 6)

MATCH LINE (SEE SHEET 10)

LEGEND:

- EXISTING PARCEL LINES
- EXISTING LARW
- PROPOSED RIGHT OF WAY
- PROPOSED LARW
- PROPOSED POND
- PROPOSED FLOODPLAIN COMPENSATION POND

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
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300 PRIMERA BLVD., SUITE 300
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO. 11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
12

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
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300 PRIMERA BLVD., SUITE 300
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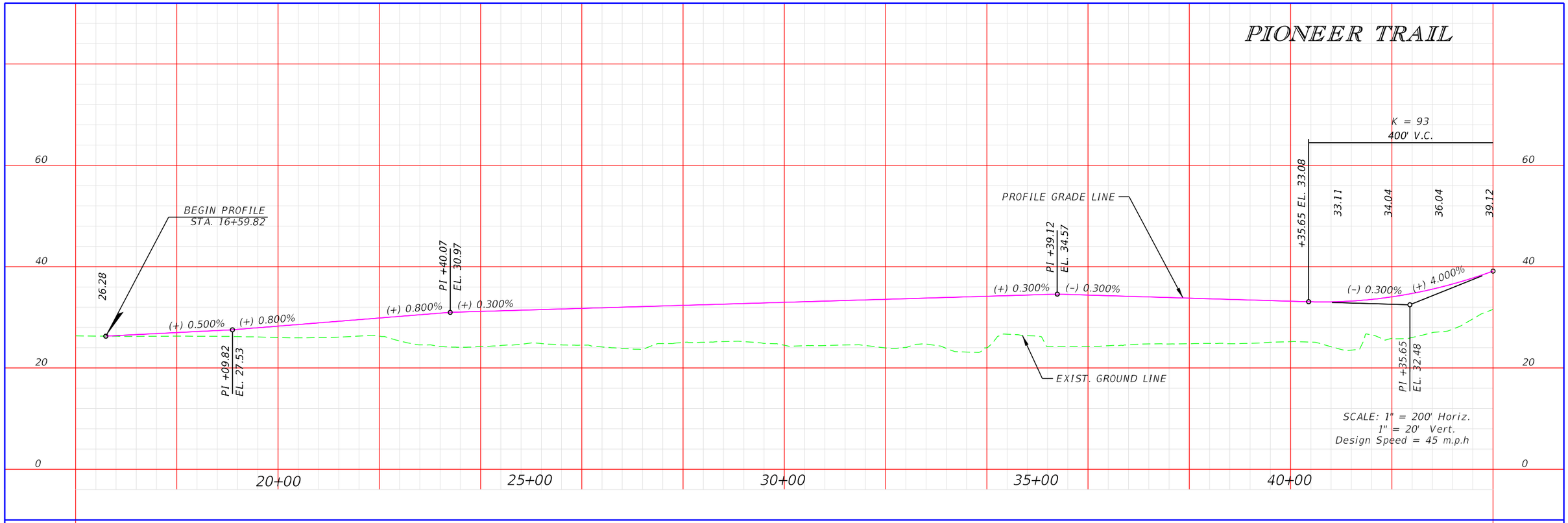
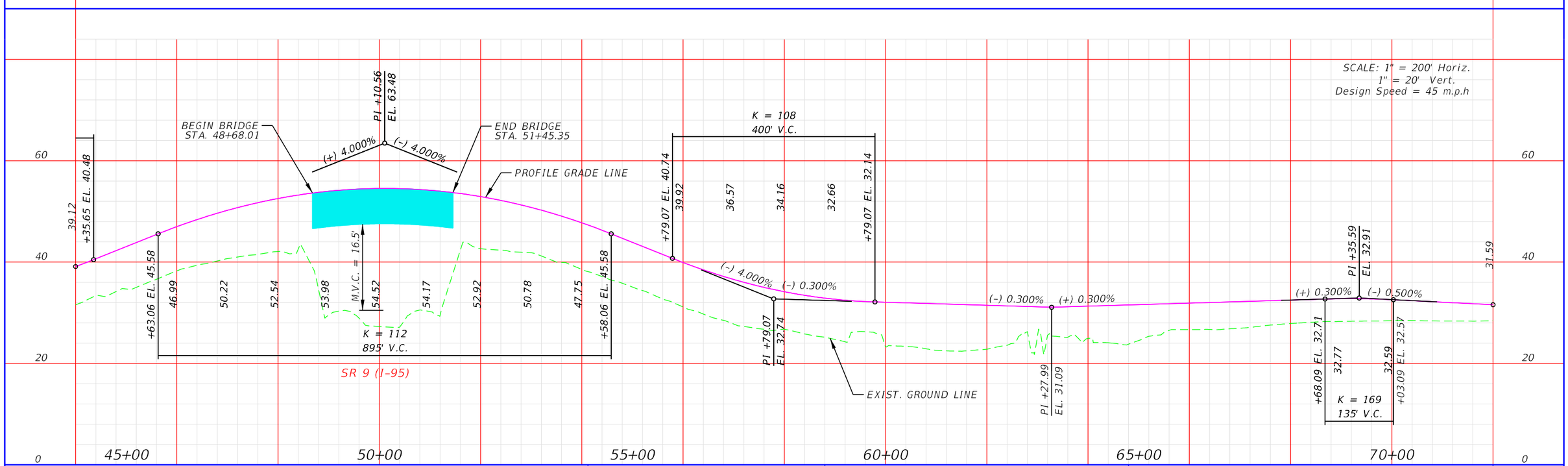
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
13





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
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STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
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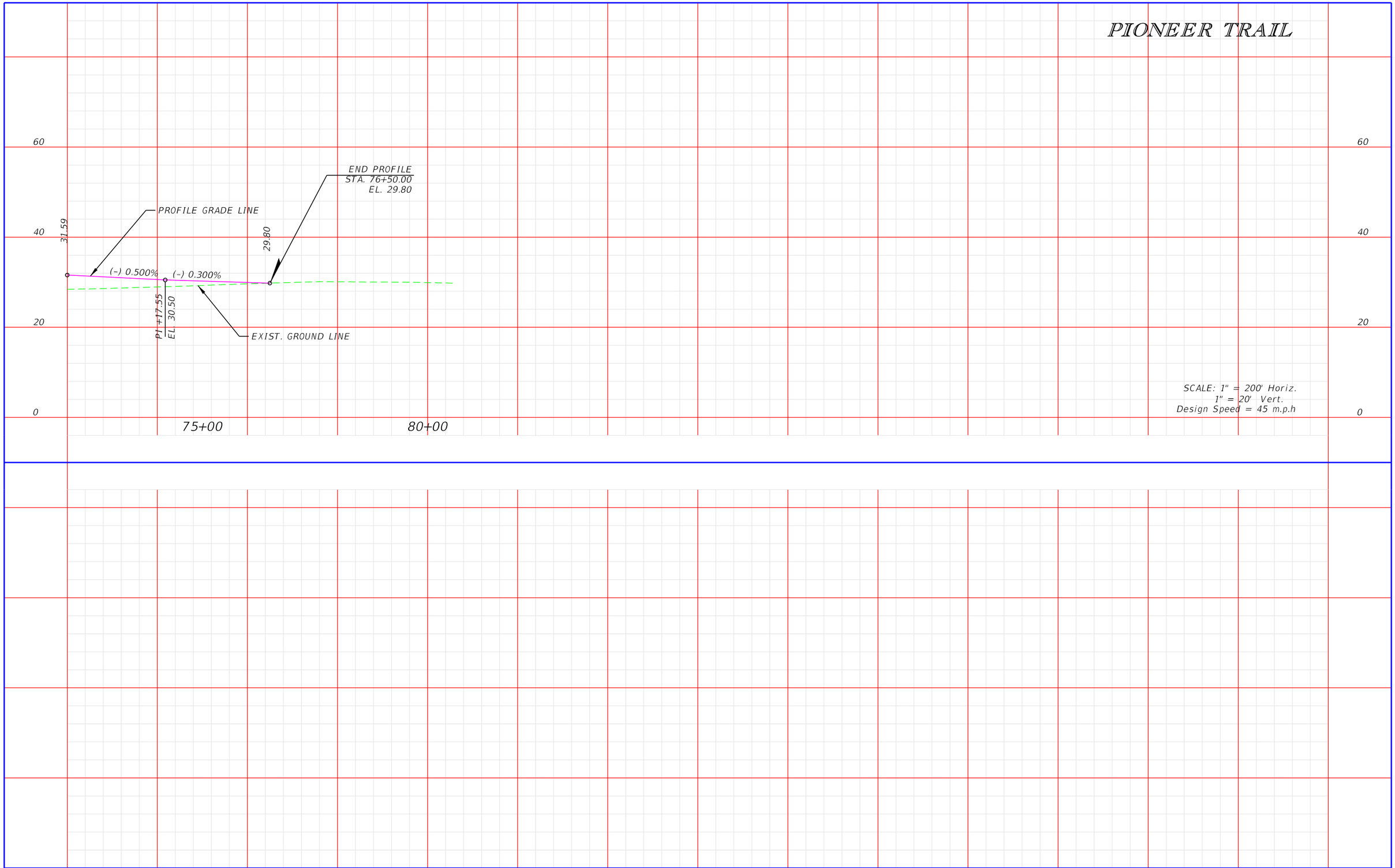
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
14

PIONEER TRAIL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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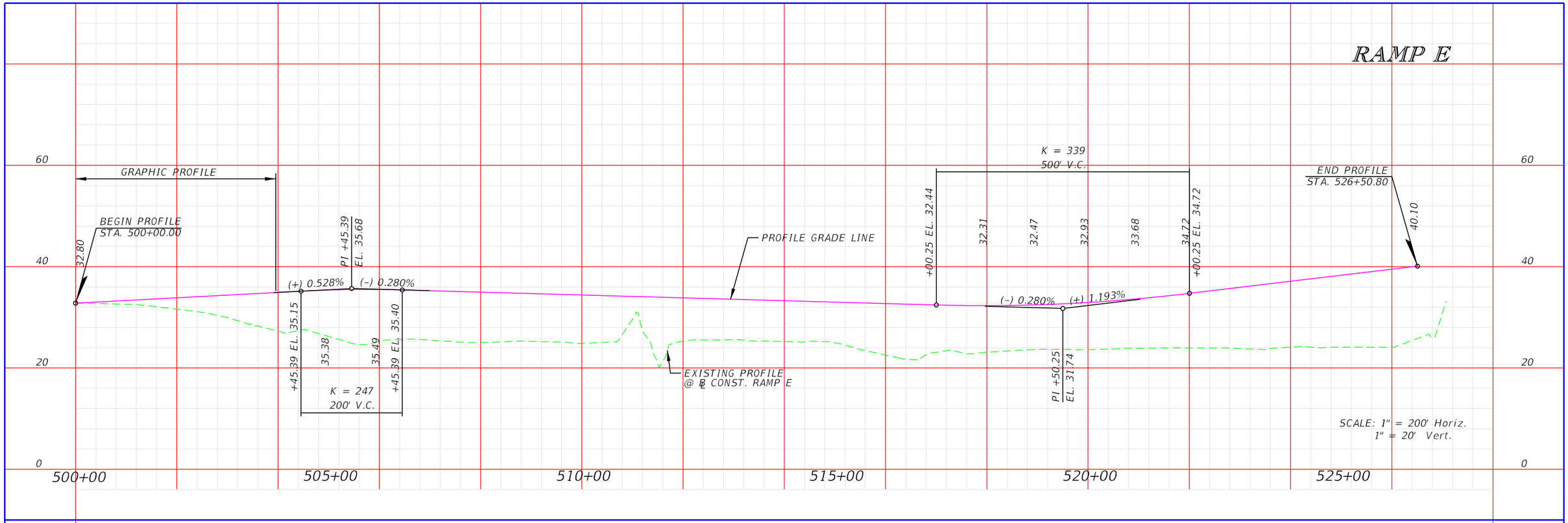
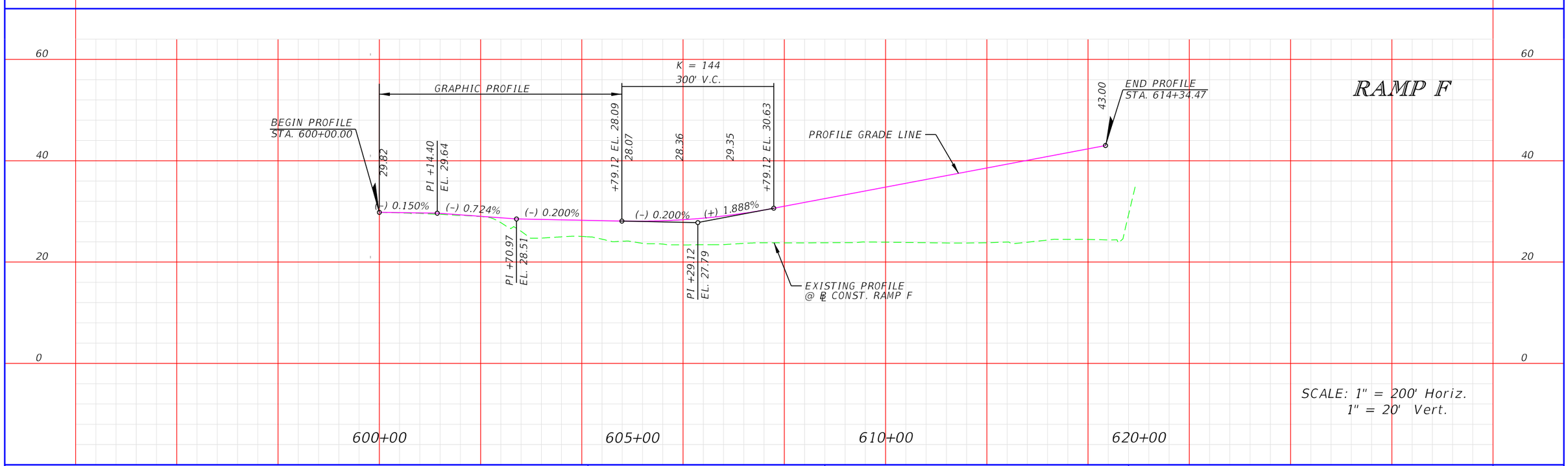
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
15





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
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STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
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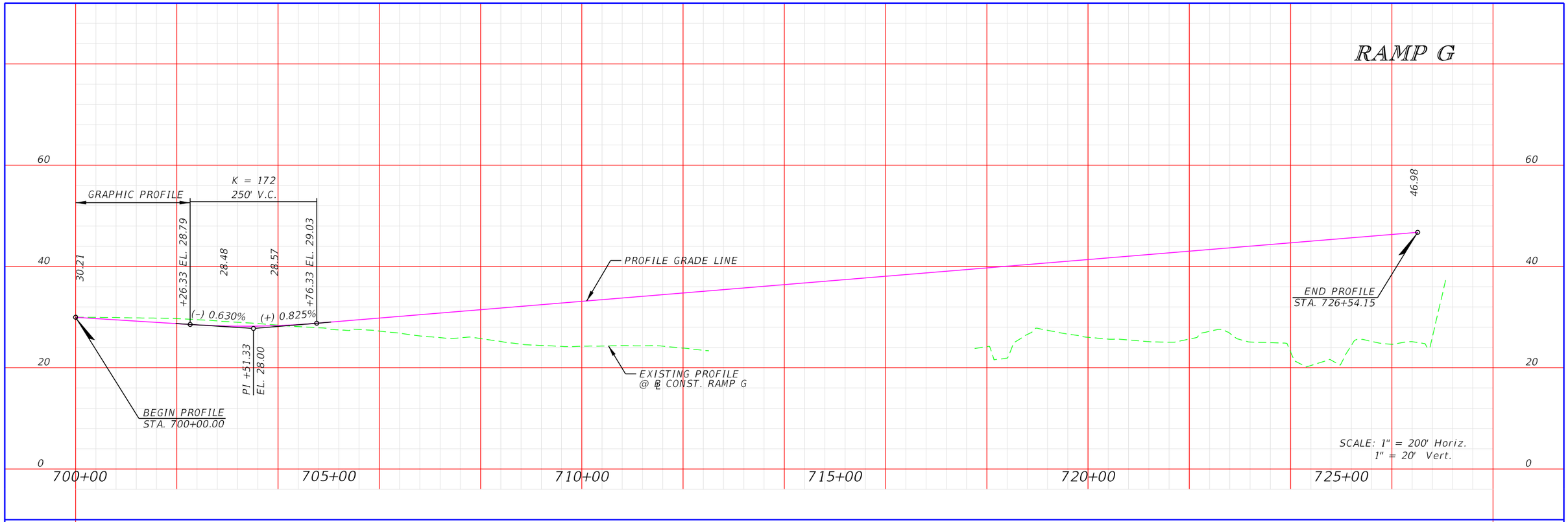
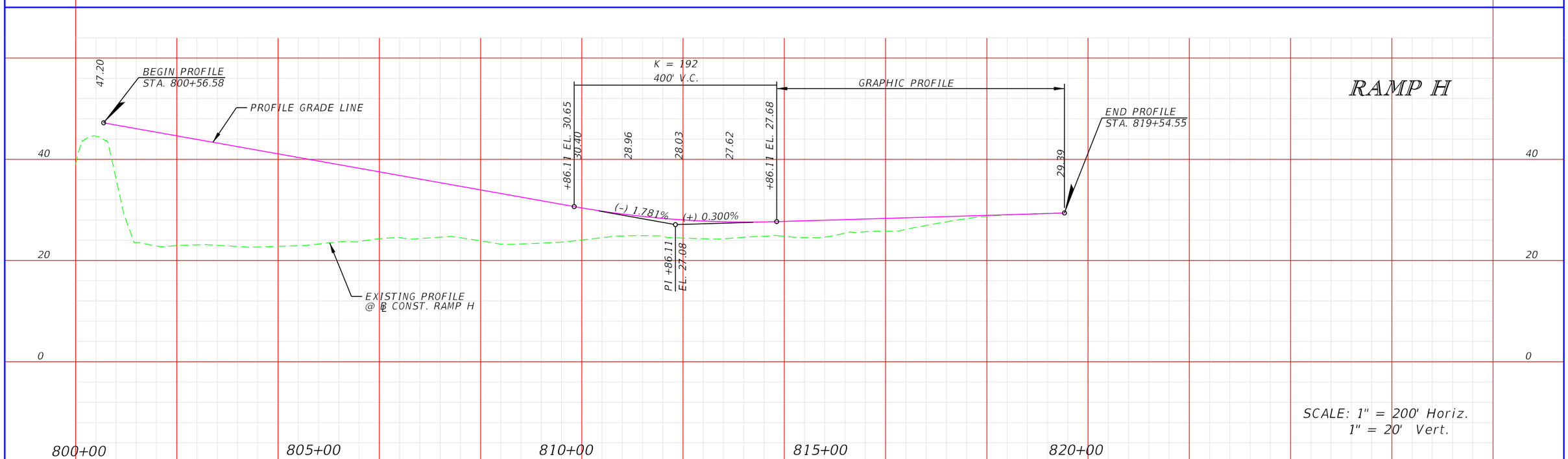
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
16





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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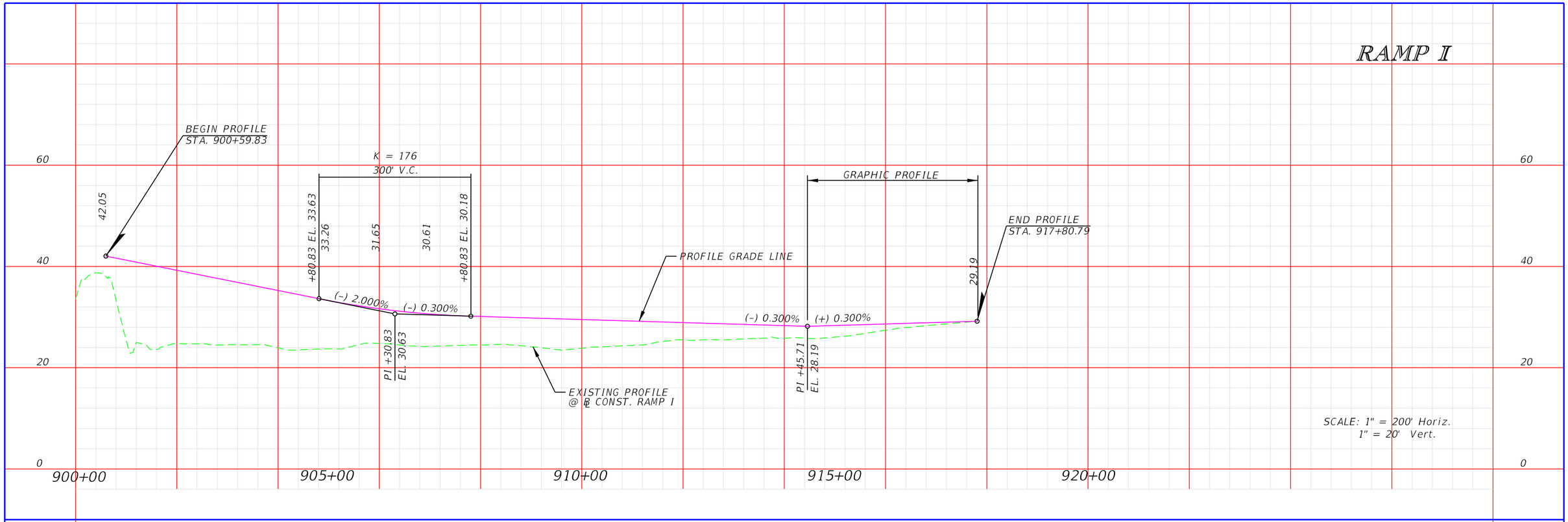
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
17



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PROFILES

SHEET NO.
18

CONSTRUCTION CONTRACT NO.

COMPONENTS OF CONCEPT PLANS SET
ROADWAY PLANS

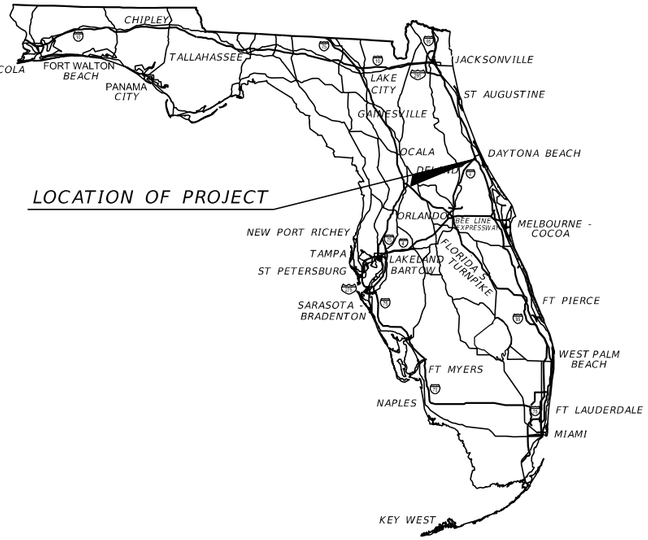
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 436292-1-22-01

VOLUSIA COUNTY (79002)

STATE ROAD NO. 9 (I-95)

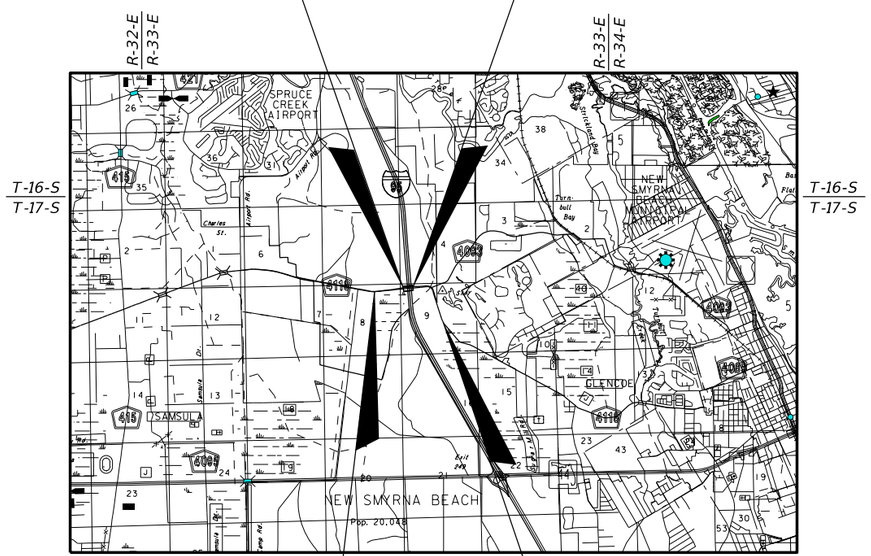


INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	PROJECT LAYOUT
3	CURVE DATA
4-12	ROADWAY PLANS
13-17	ROADWAY PROFILES

BEGIN BRIDGE
STA. 48+68.01

END BRIDGE
STA. 51+45.35



BEGIN PROJECT
℄ CONST. PIONEER TRAIL
STA. 16+59.82

END CONCTRUCTION
℄ CONST. PIONEER TRAIL
STA. 76+50.00

N

0 1 2
Miles

PLANS PREPARED BY:

STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

BUILD ALTERNATIVE 3
(PREFERRED ALTERNATIVE)

PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	19,935.38 *	3.77
BRIDGES	277.34	0.05
NET LENGTH OF PROJECT	20,212.72	3.82
EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	20,212.72	

* INCLUDES ALL RAMPS FOR NEW INTERCHANGE

KEY SHEET REVISIONS

DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: JOHN C. MOORE, JR., P.E.

P.E. NO.: 42664

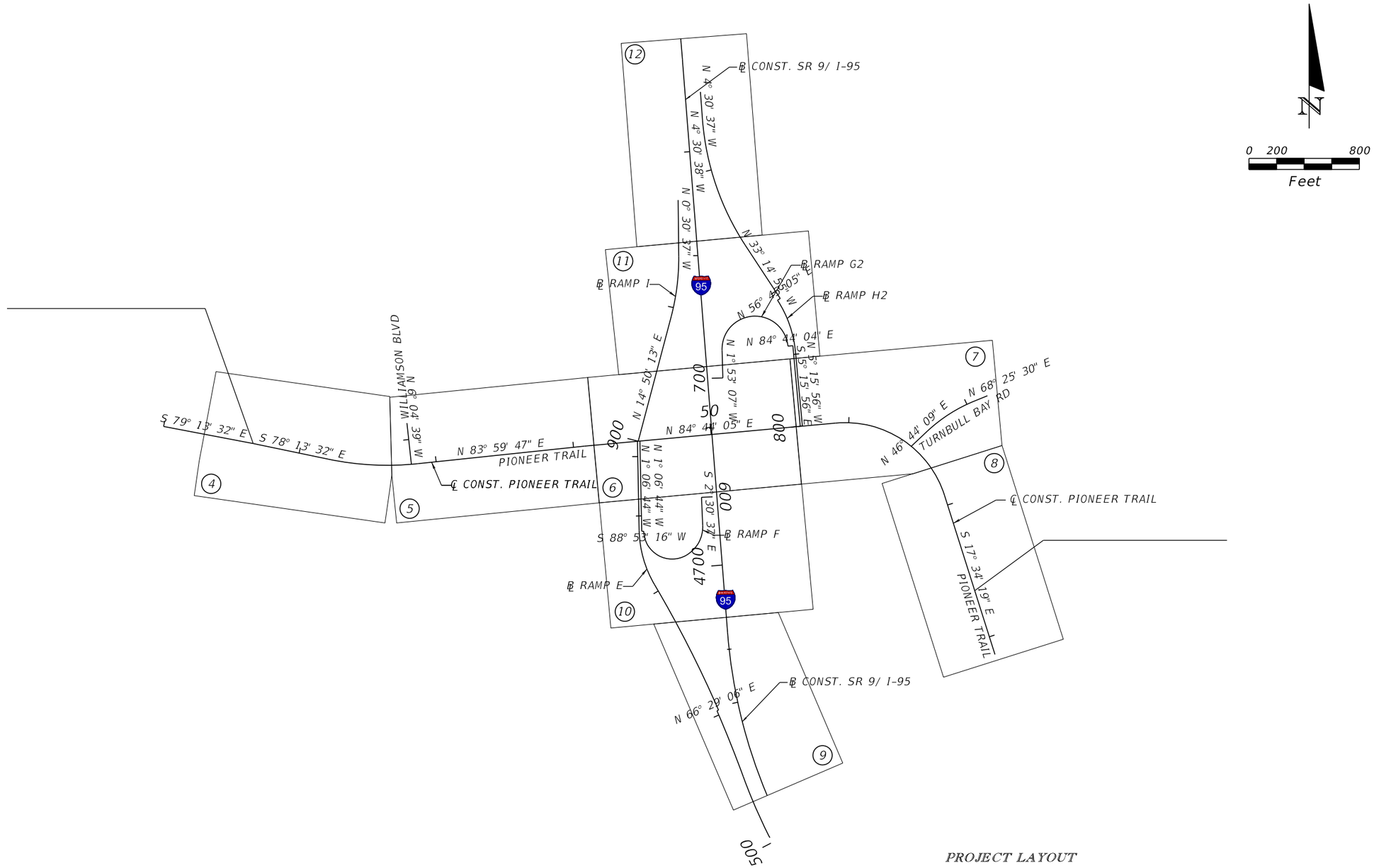
GOVERNING STANDARDS AND SPECIFICATIONS:
Florida Department of Transportation, 2019 Design Standards and revised Index Drawings as appended herein, and Florida Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
http://www.dot.state.fl.us/rddesign/

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
http://www.dot.state.fl.us/specificationsoffice/

FDOT PROJECT MANAGER: MARY MCGEHEE

FISCAL YEAR	SHEET NO.
19	1



PROJECT LAYOUT

LEGEND

(X) SHEET PLAN NUMBER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

PROJECT LAYOUT

SHEET NO. 2

PARCLO 2 INTERCHANGE (ALTERNATIVE 3)
MAINLINE - HORIZONTAL CURVE (LENGTH & SUPERELEVATION)

CURVE NO.	LINE	PC	PI	PT	DELTA	DEGREE	TANGENT	LENGTH (FT)	RADIUS (FT)	e	DESIGN SPEED MPH
CL_PT-1	CL_PT	22+16.42	25+44.86	28+68.02	17°46'41.5"	2°43'42.1"	328.44	651.61	2100	0.040	45
CL_PT-2		59+03.14	65+11.99	69+28.28	77°41'36.3"	7°34'43.7"	608.86	1025.14	756	0.089	45
BL_RAMP_E-1	RAMP_E	500+00.00	502+60.56	505+20.35	7°36'24.9"	1°27'42.8"	260.56	520.35	3919	0.031	50
BL_RAMP_E-2		505+20.35	507+77.06	510+33.61	3°31'56.8"	0°41'17.7"	256.71	513.26	8325	RC	50
BL_RAMP_E-3		510+33.61	515+44.39	520+53.90	7°00'42.9"	0°41'14.1"	510.78	1020.29	8337	NC	40
BL_RAMP_E-4		520+53.90	522+63.89	524+64.61	29°24'52.7"	7°09'43.17"	209.99	410.71	800	0.070	35
BL_RAMP_F-1	RAMP_F	602+02.35	603+48.14	604+64.16	62°45'52.2"	23°58'23.3"	145.78	261.81	239	0.100	30
BL_RAMP_F-2		604+88.63	608+09.65	608+88.63	118°38'00.6"	27°56'56.98"	345.49	424.46	205	0.100	30
BL_RAMP_G-1	RAMP_G2	702+00.03	782+99.93	709+36.77	176°37'11.2"	23°58'23.3"	8099.91	736.74	239	0.100	30
BL_RAMP_H-1	RAMP_H2	809+38.76	807+42.83	809+38.76	27°58'59.8"	6°59'45.0"	204.10	400.00	819	0.078	40
BL_RAMP_H-2		814+03.54	818.92.85	823+61.56	28°44'18.3"	2°59'59.2"	489.31	958.02	1910	0.057	50
BL_RAMP_I-1	RAMP_I	909+33.32	911+53.78	913+71.70	15°20'50.0"	3°30'00.2"	220.56	438.49	1637	0.055	45

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
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LAKE MARY, FLORIDA 32746
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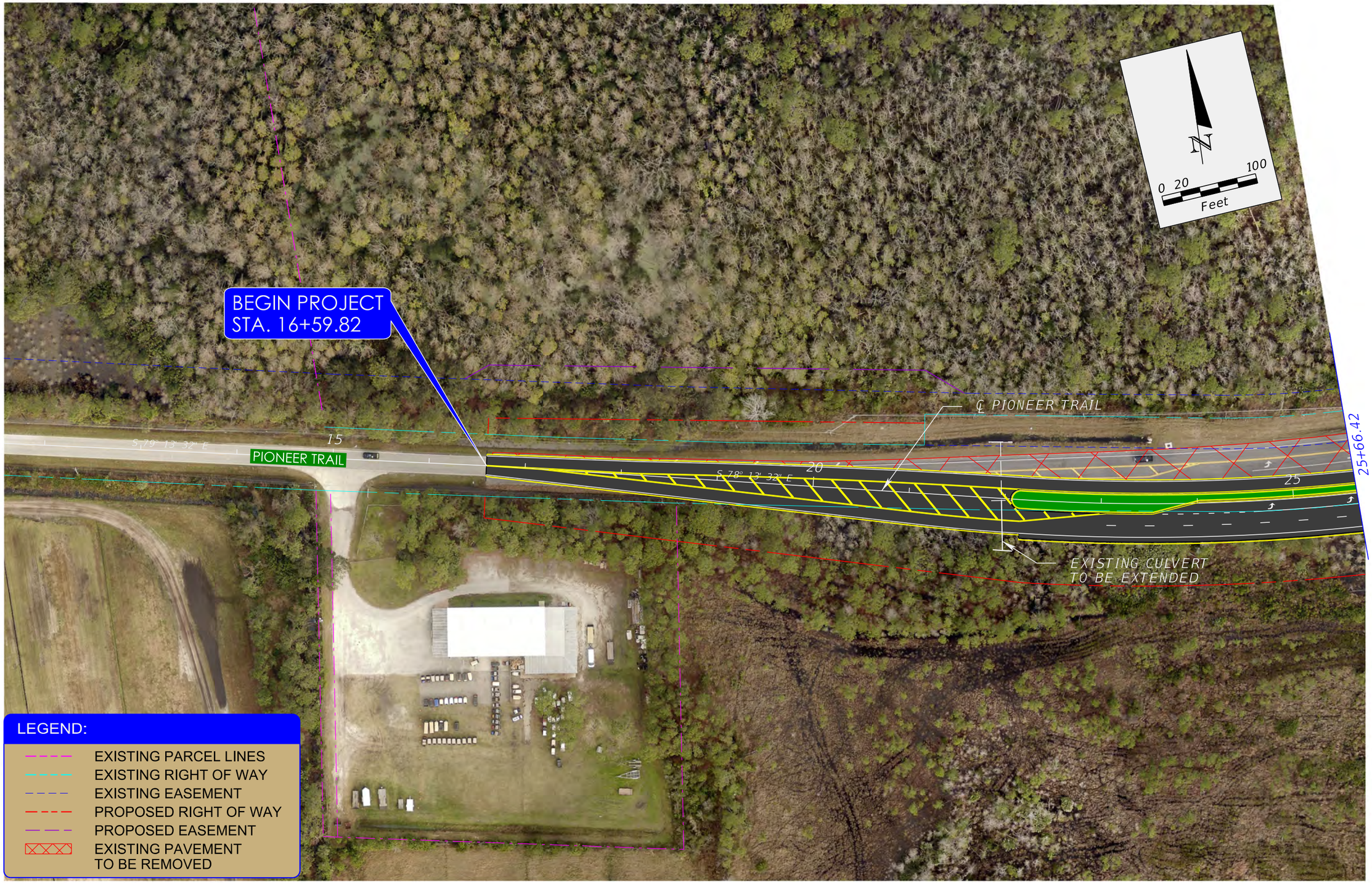
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

CURVE DATA SHEET

SHEET NO. 3



REVISIONS			
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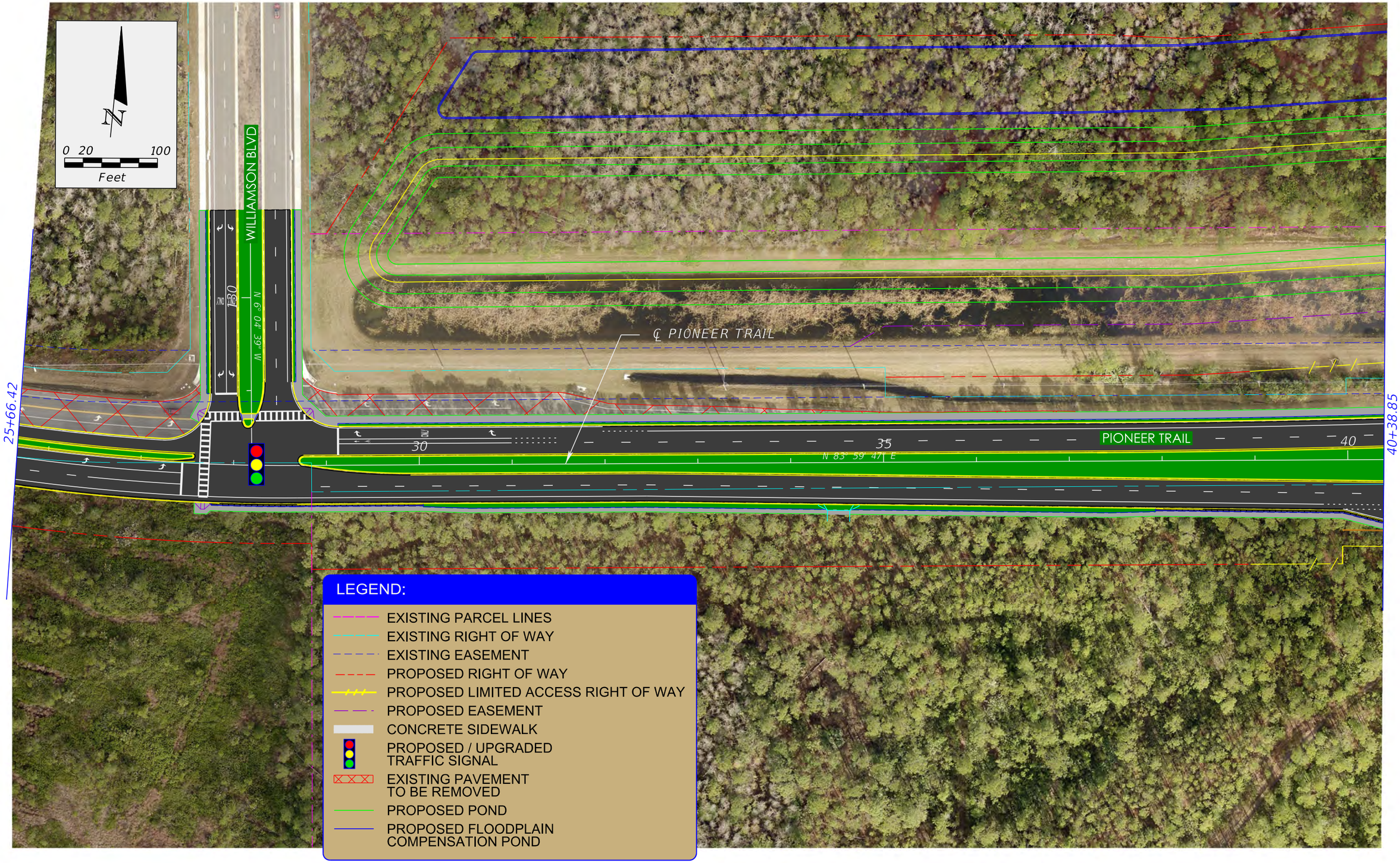
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO. 4



REVISIONS			
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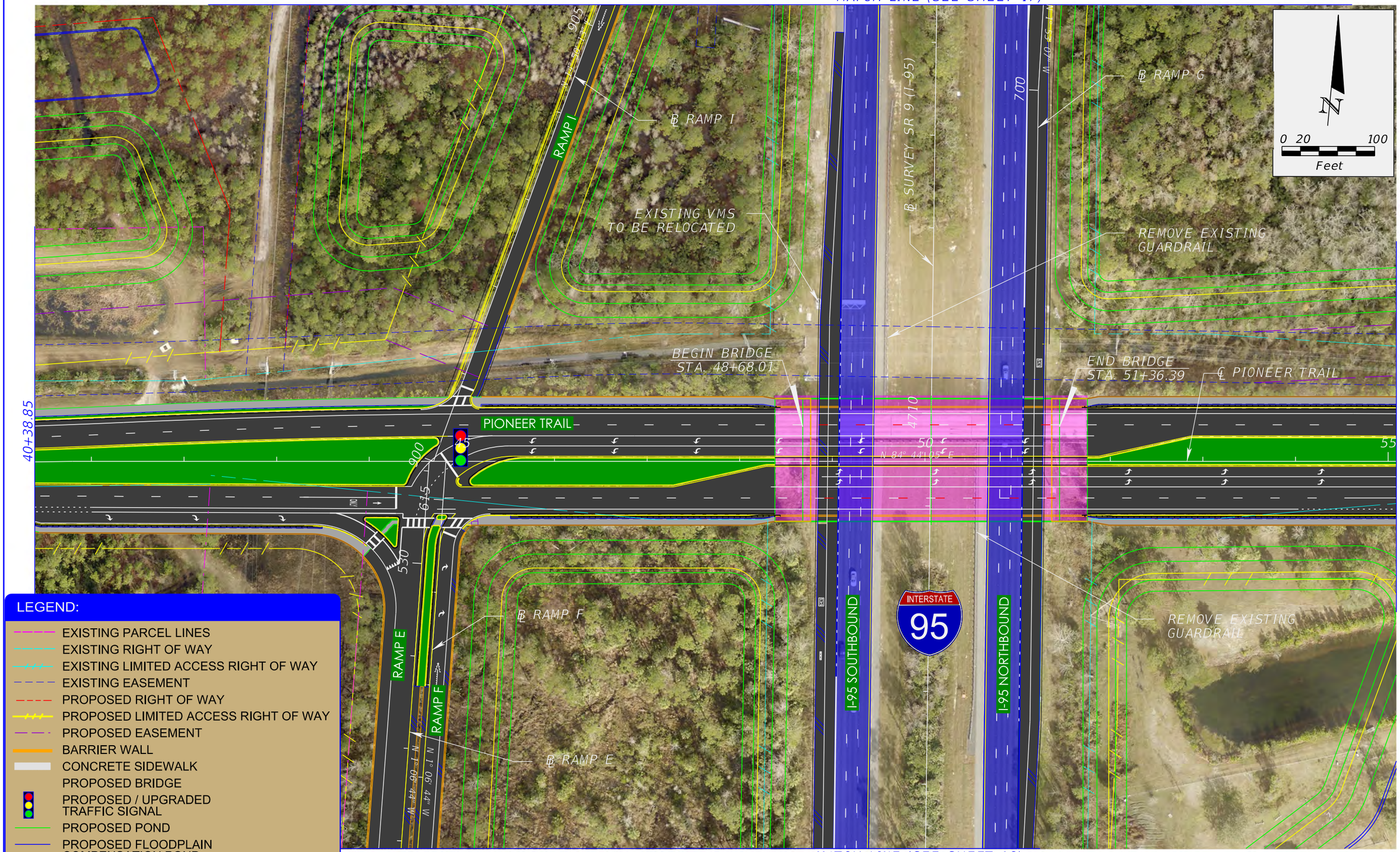
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
5

MATCH LINE (SEE SHEET 17)



LEGEND:

- EXISTING PARCEL LINES
- EXISTING RIGHT OF WAY
- EXISTING LIMITED ACCESS RIGHT OF WAY
- EXISTING EASEMENT
- PROPOSED RIGHT OF WAY
- PROPOSED LIMITED ACCESS RIGHT OF WAY
- PROPOSED EASEMENT
- BARRIER WALL
- CONCRETE SIDEWALK
- PROPOSED BRIDGE
- PROPOSED / UPGRADED TRAFFIC SIGNAL
- PROPOSED POND
- PROPOSED FLOODPLAIN COMPENSATION POND

MATCH LINE (SEE SHEET 16)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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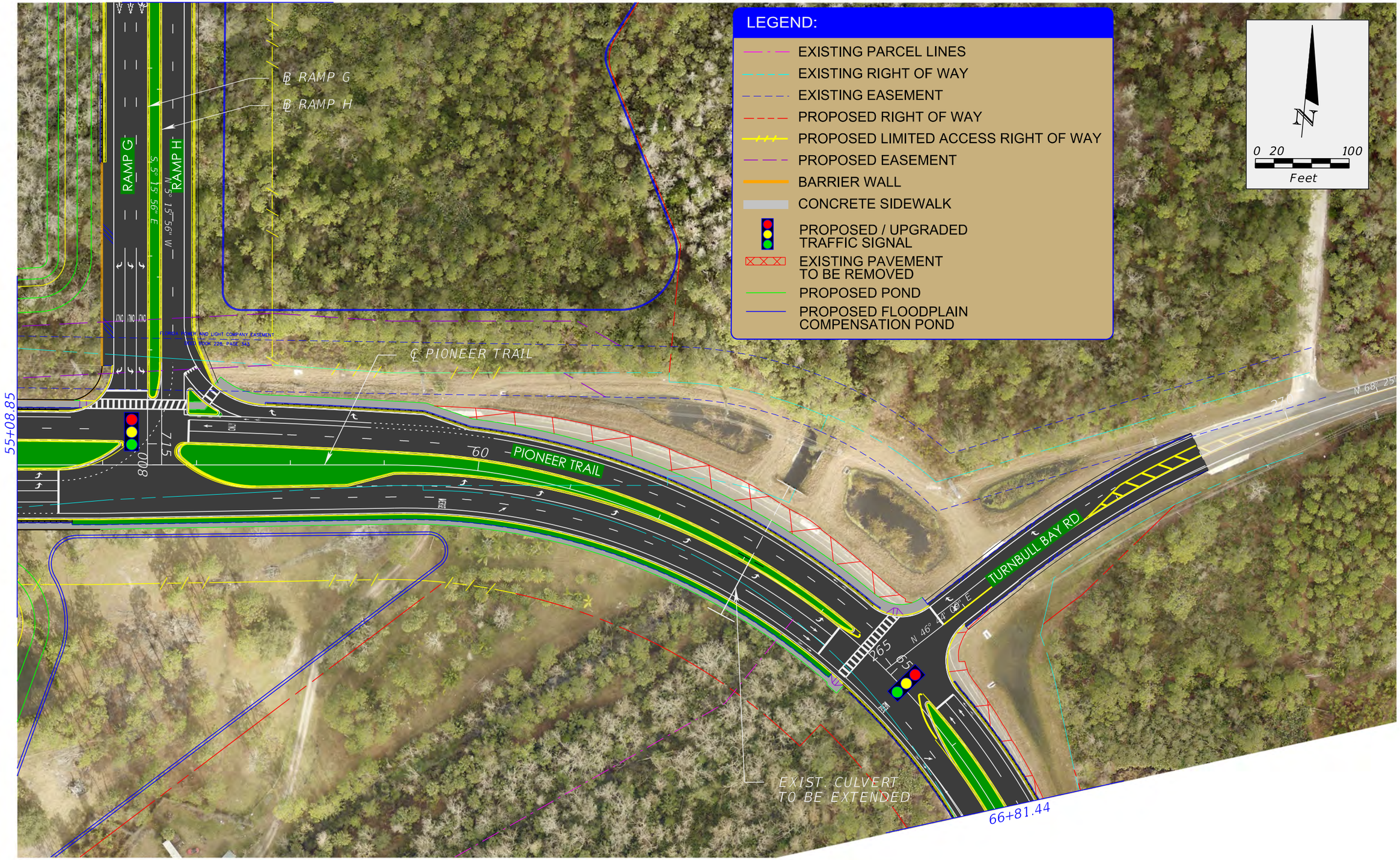
ROADWAY PLANS

SHEET NO. 6

MATCH LINE SEE SHEET 11



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

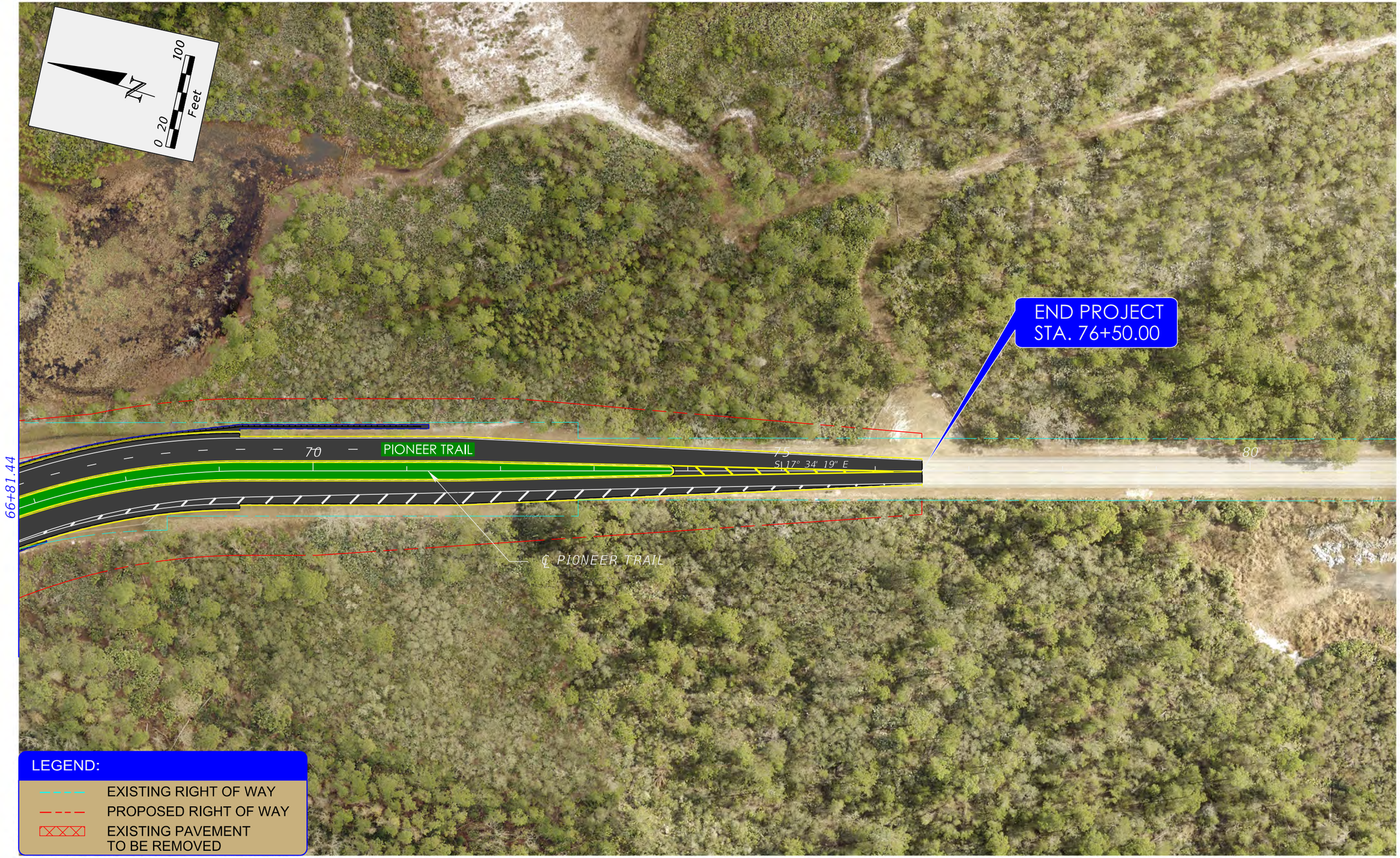
JOHN C. MOORE, JR., P.E.
P.E. LICENSE NUMBER 42664
STANTEC CONSULTING SERVICES INC.
300 PRIMERA BLVD., SUITE 300
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION 27013

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 9	VOLUSIA	436292-1-22-01

ROADWAY PLANS

SHEET NO.
7



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ROADWAY PLANS

SHEET NO.
8

LEGEND:

- EXISTING PARCEL LINES
- EXISTING LIMITED ACCESS RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED LIMITED ACCESS RIGHT OF WAY
- BARRIER WALL
- PROPOSED POND
- PROPOSED FLOODPLAIN COMPENSATION POND

REVISIONS			
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ROADWAY PLANS

SHEET NO. 9

MATCH LINE (SEE SHEET 6)

MATCH LINE (SEE SHEET 9)

REVISIONS			
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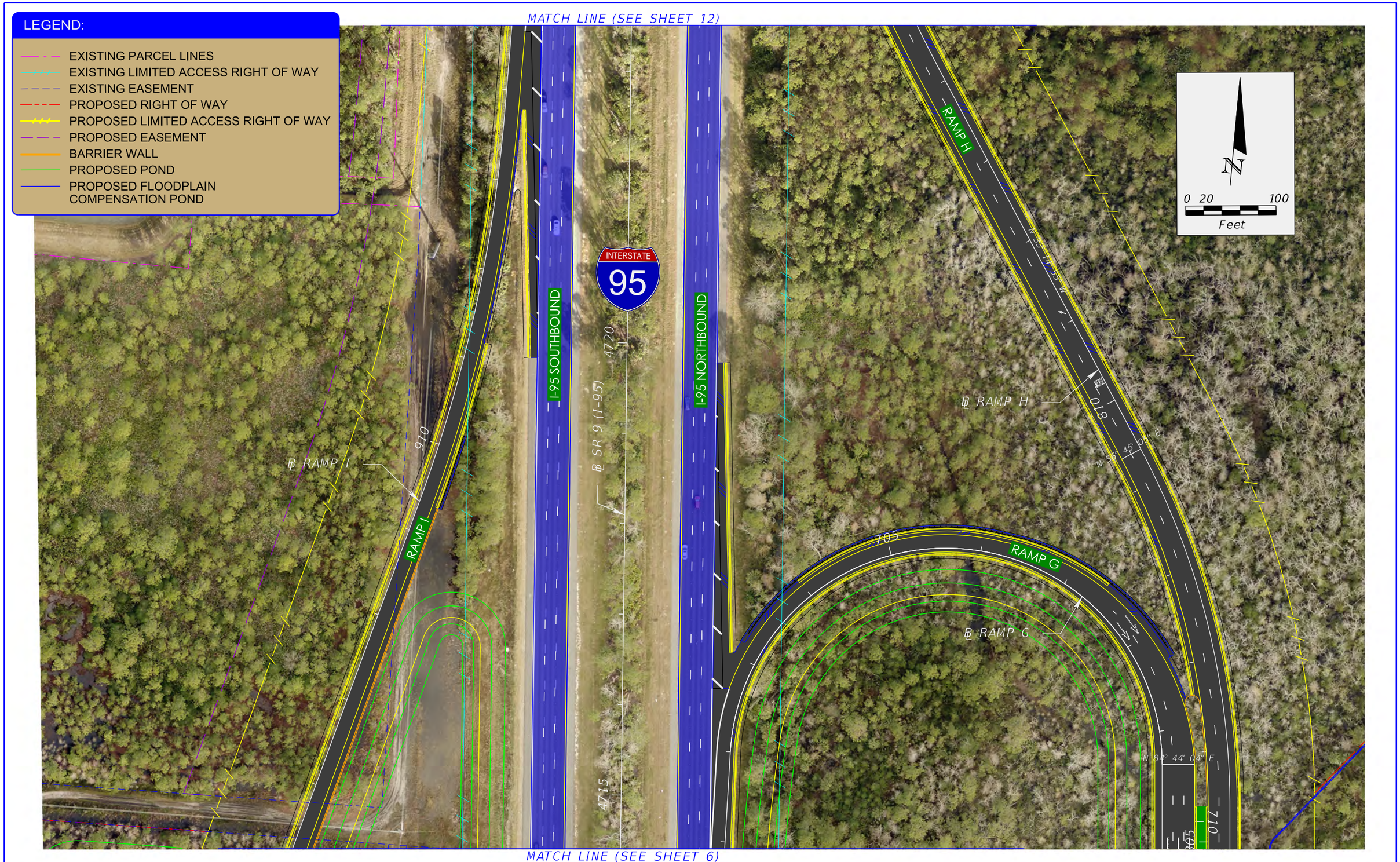
ROADWAY PLANS

SHEET NO. 10



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ROADWAY PLANS

SHEET NO.
11

REVISIONS			
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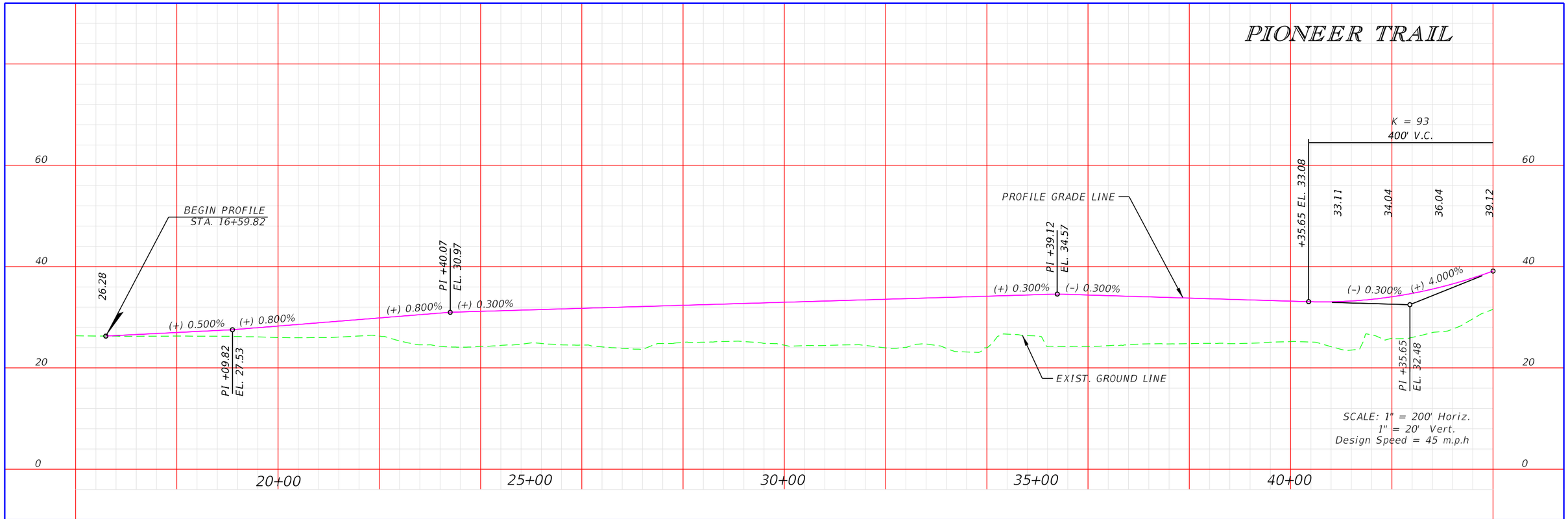
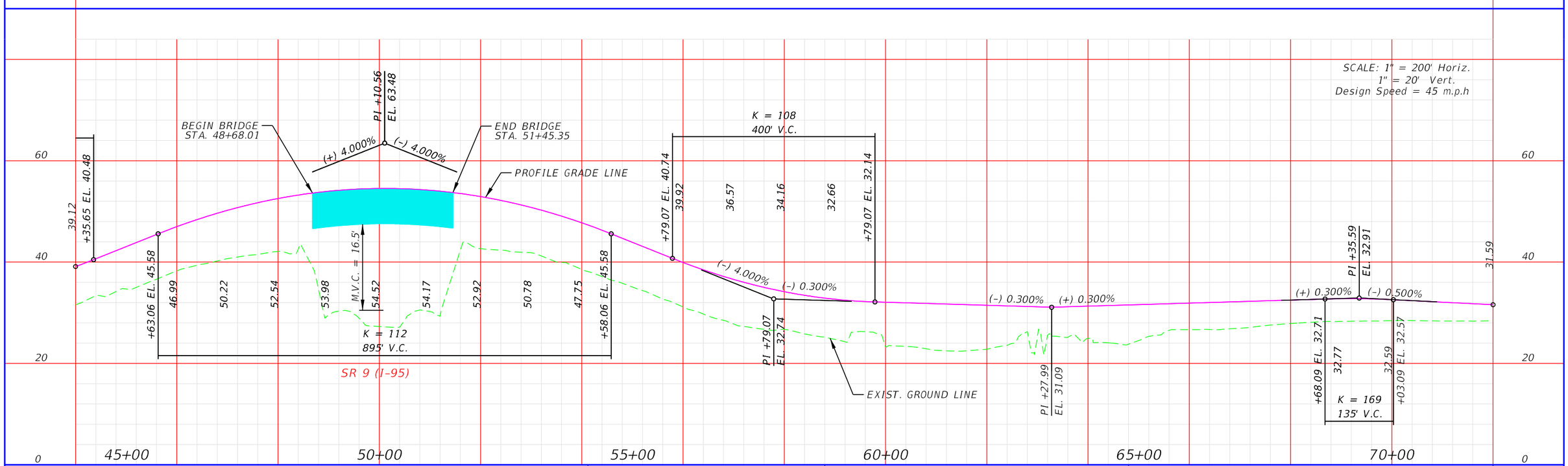
ROADWAY PLANS

SHEET NO. 12

PIONEER TRAIL





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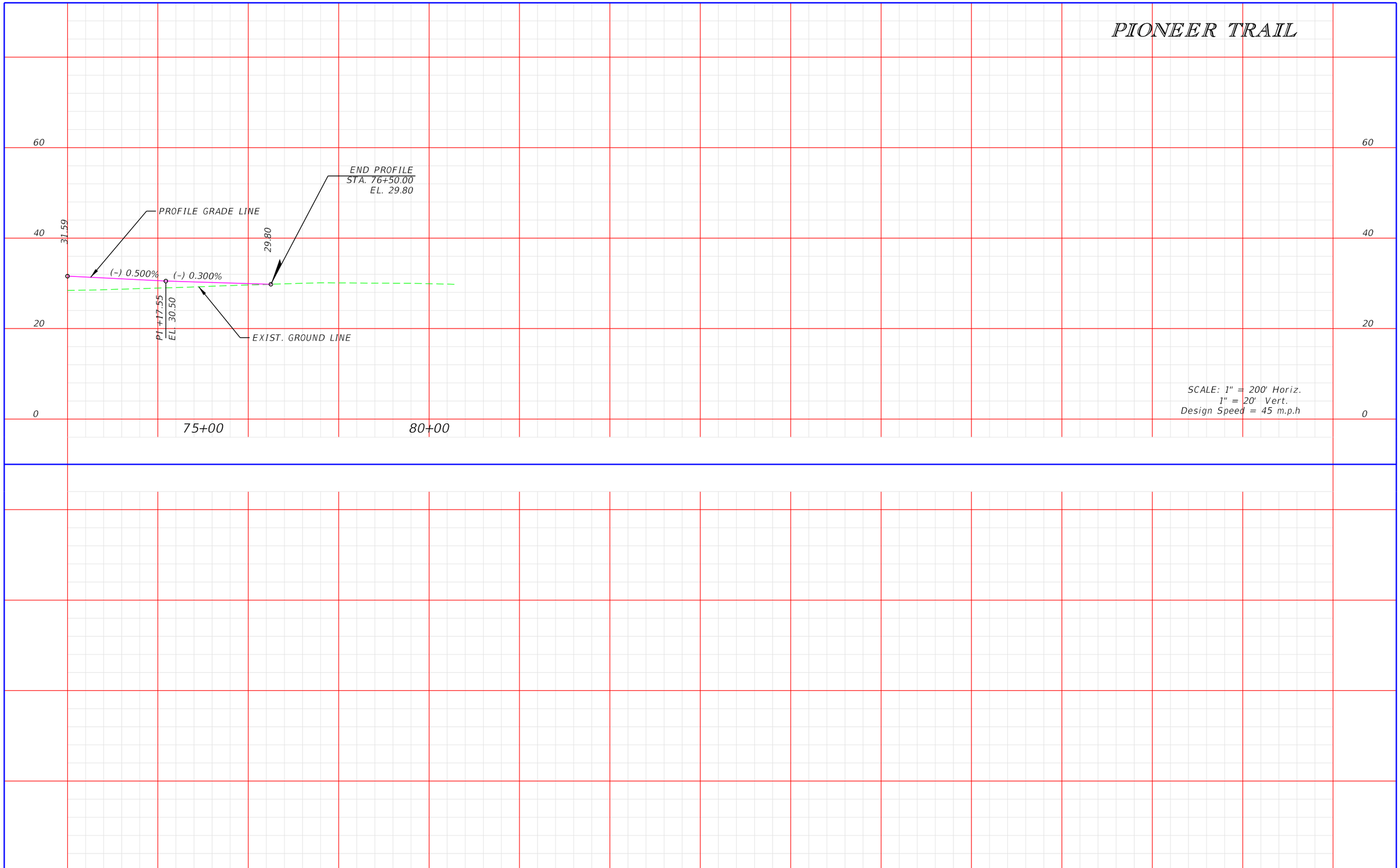
ROADWAY PROFILES

SHEET NO.
13

PIONEER TRAIL



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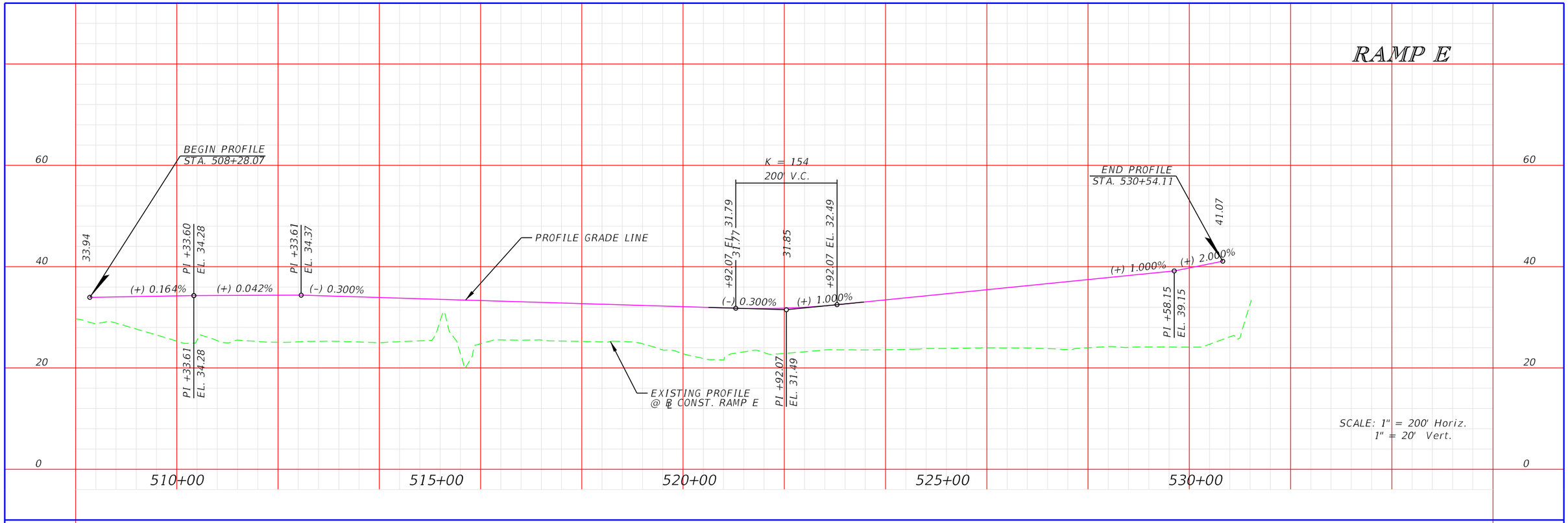
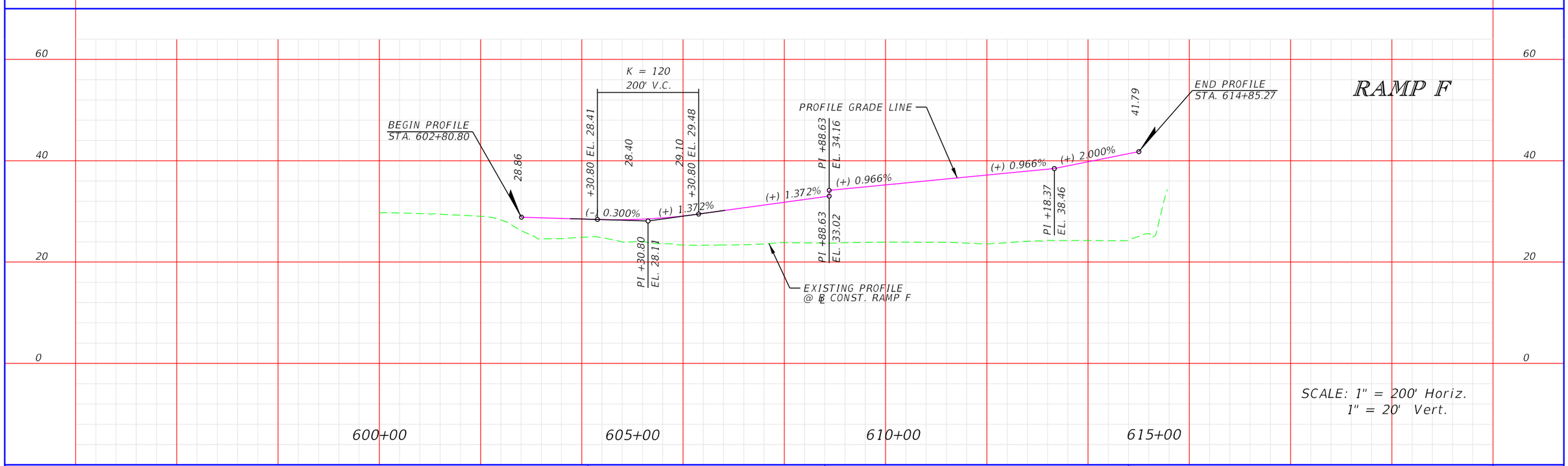
ROADWAY PROFILES

SHEET NO.
14





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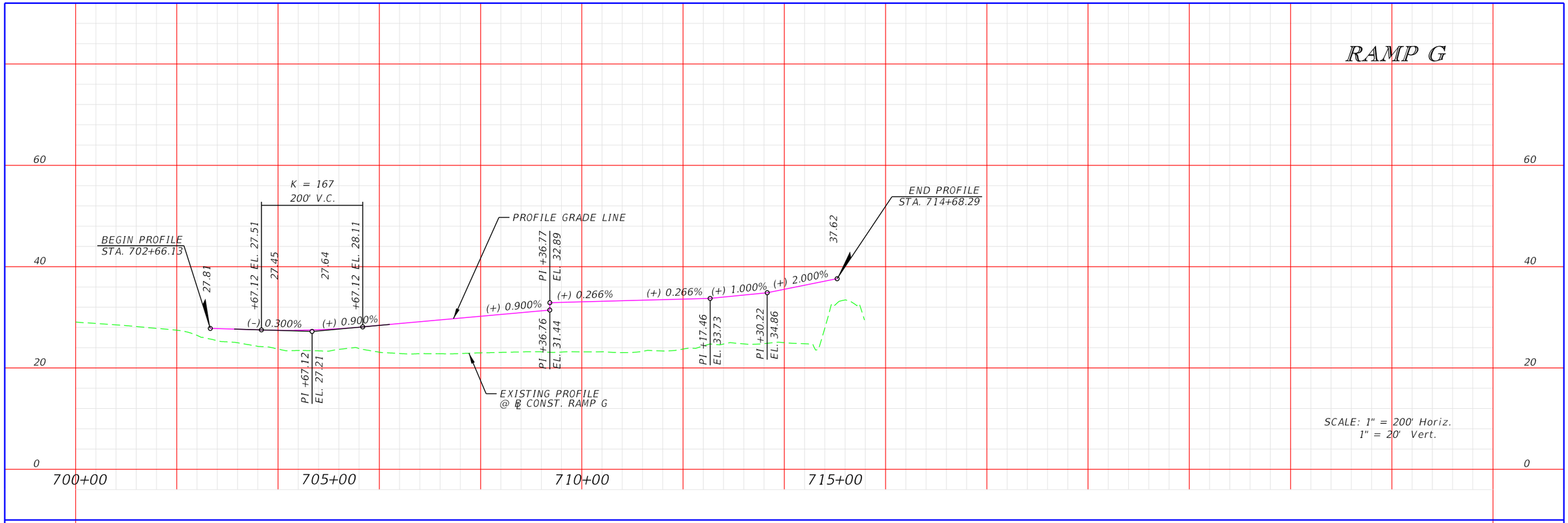
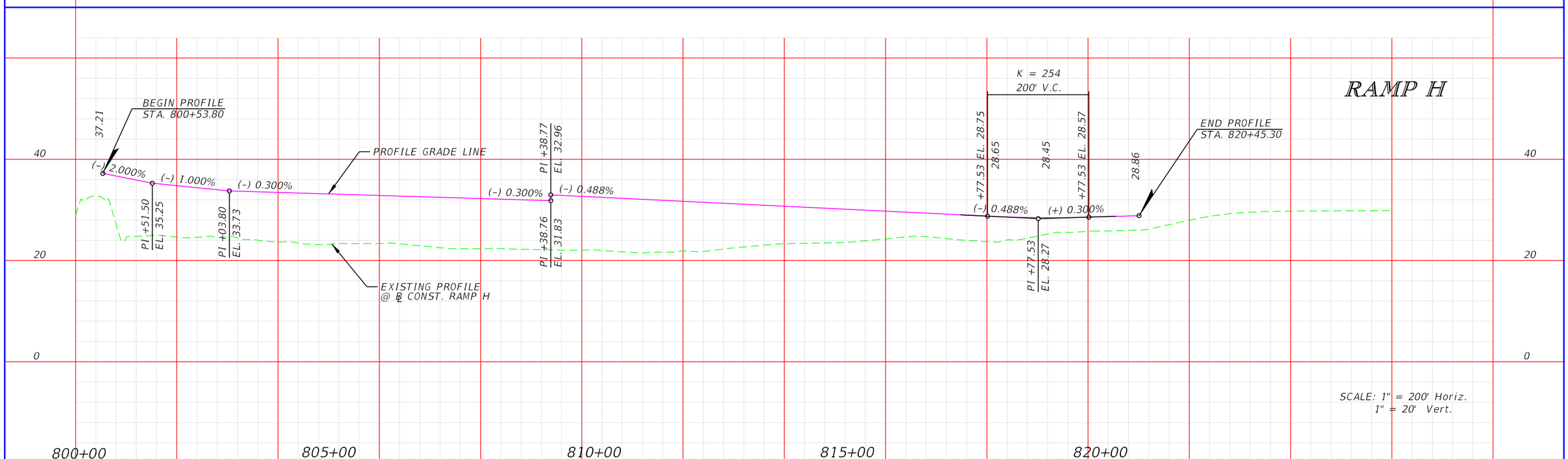
ROADWAY PROFILES

SHEET NO.
15





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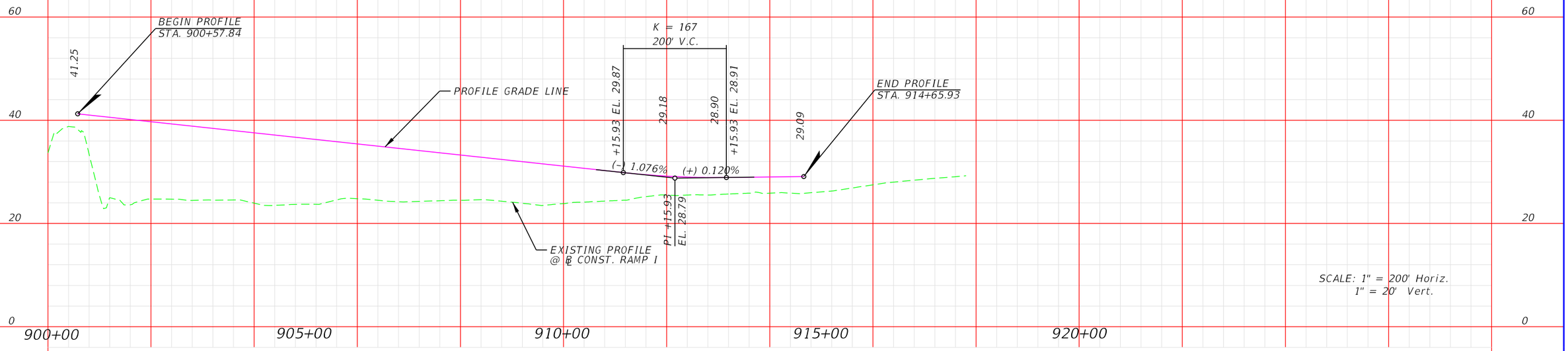
ROADWAY PROFILES

SHEET NO.
16

RAMP I



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ROADWAY PROFILES

SHEET NO.
17