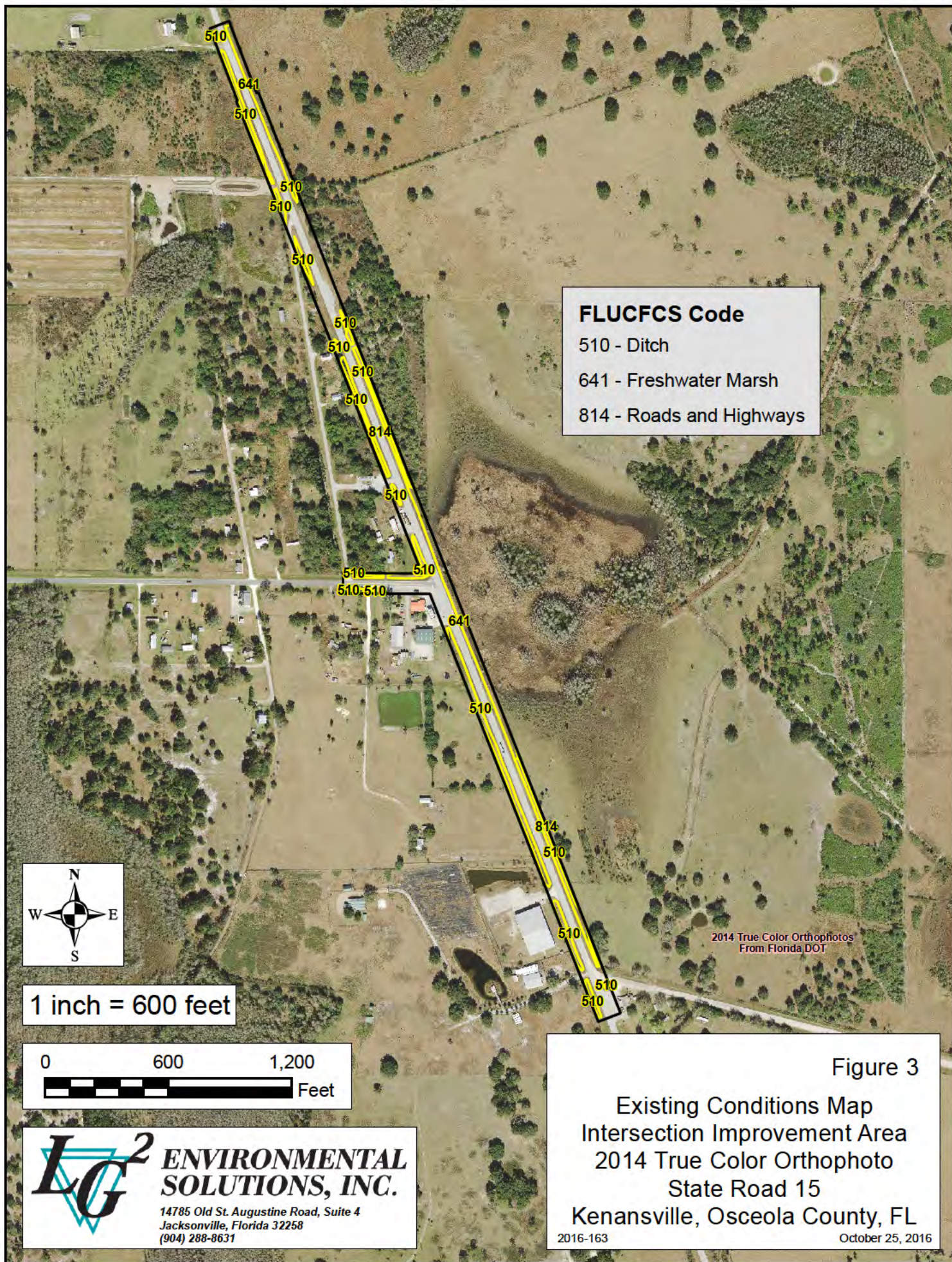




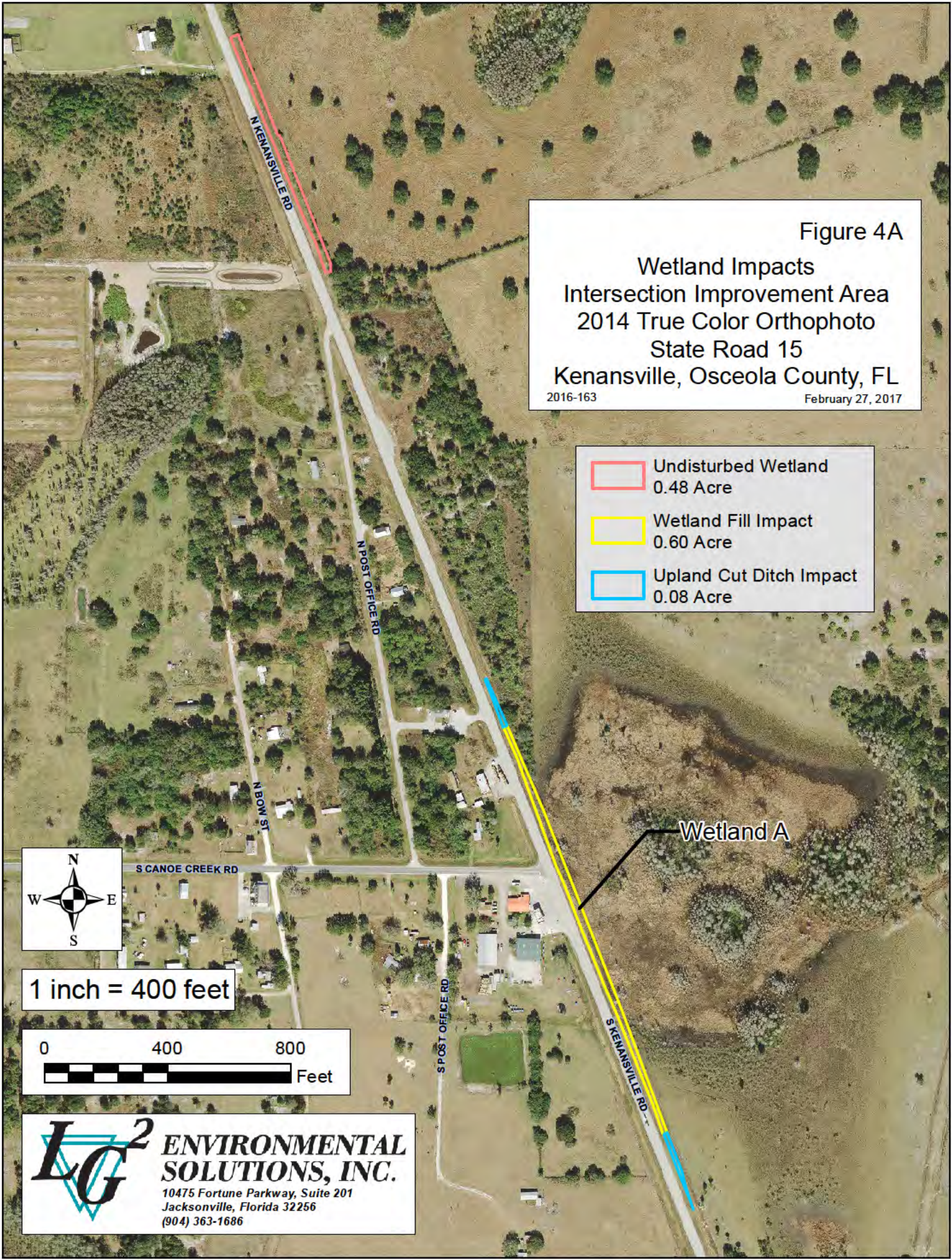
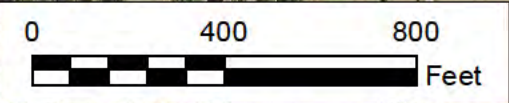


Figure 4A
Wetland Impacts
Intersection Improvement Area
2014 True Color Orthophoto
State Road 15
Kenansville, Osceola County, FL
2016-163 February 27, 2017

- Undisturbed Wetland
0.48 Acre
- Wetland Fill Impact
0.60 Acre
- Upland Cut Ditch Impact
0.08 Acre



1 inch = 400 feet



LG² ENVIRONMENTAL SOLUTIONS, INC.
10475 Fortune Parkway, Suite 201
Jacksonville, Florida 32256
(904) 363-1686

Figure 4B

Clearing Impacts
Limited Clearing Area 1
2014 True Color Orthophoto
State Road 15
Kenansville, Osceola County, FL

2016-163

November 16, 2016

 Clearing Impact - 0.23 Acre

FLUCFCS

630 - Wetland Forested Mixed

630

630

630

N KENANSVILLE RD

630

630

630

630



1 inch = 125 feet

0 125 250
 Feet

LG² ENVIRONMENTAL SOLUTIONS, INC.
14785 Old St. Augustine Road, Suite 4
Jacksonville, Florida 32258
(904) 288-8631

FLUCFCS

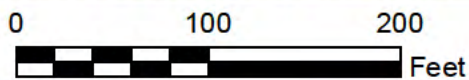
630 - Wetland Forested Mixed



Clearing Impact - 0.10 Acre



1 inch = 100 feet



LG² ENVIRONMENTAL SOLUTIONS, INC.
14785 Old St. Augustine Road, Suite 4
Jacksonville, Florida 32258
(904) 288-8631

630

N KENANSVILLE RD

630

630

630

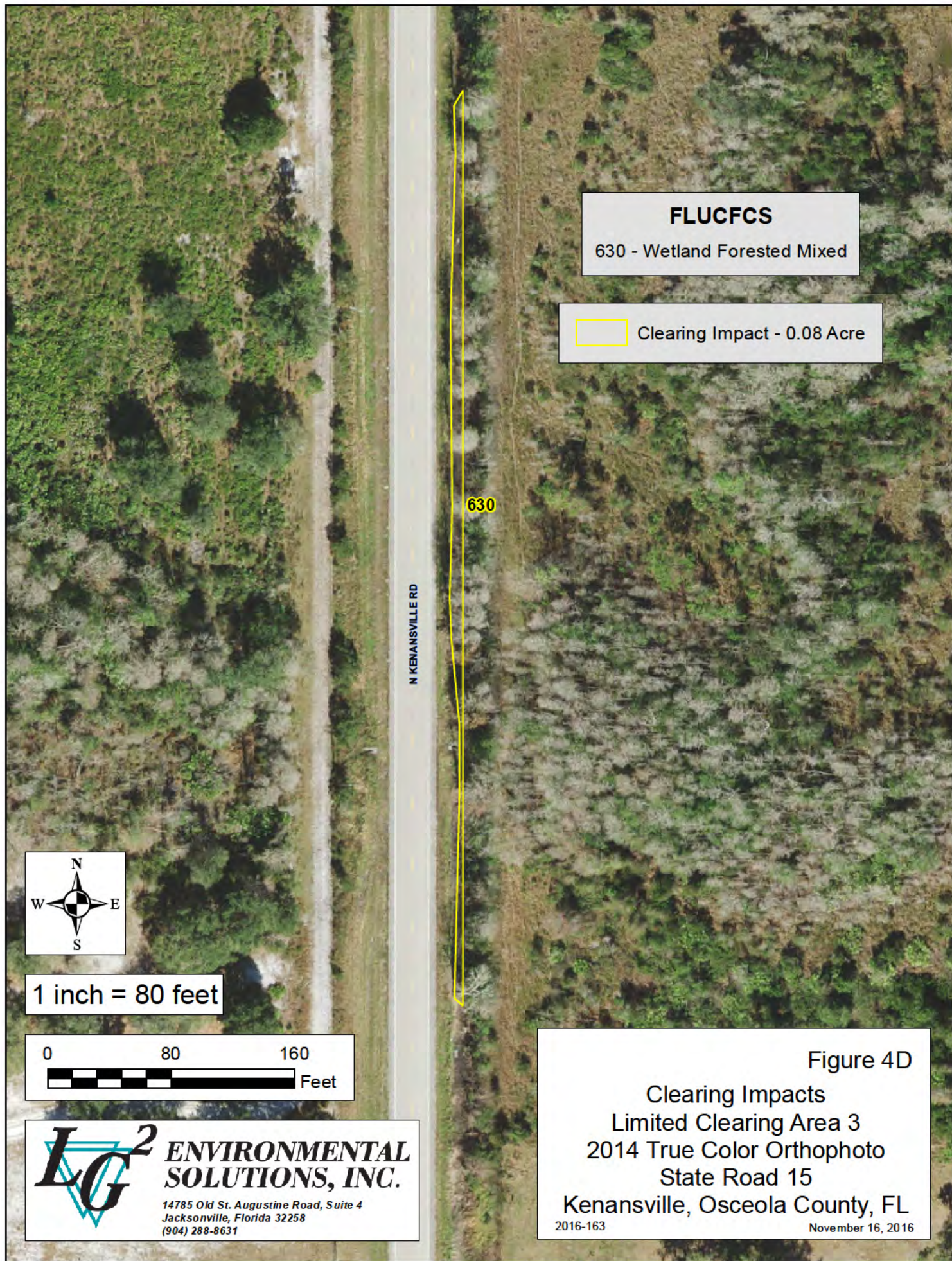
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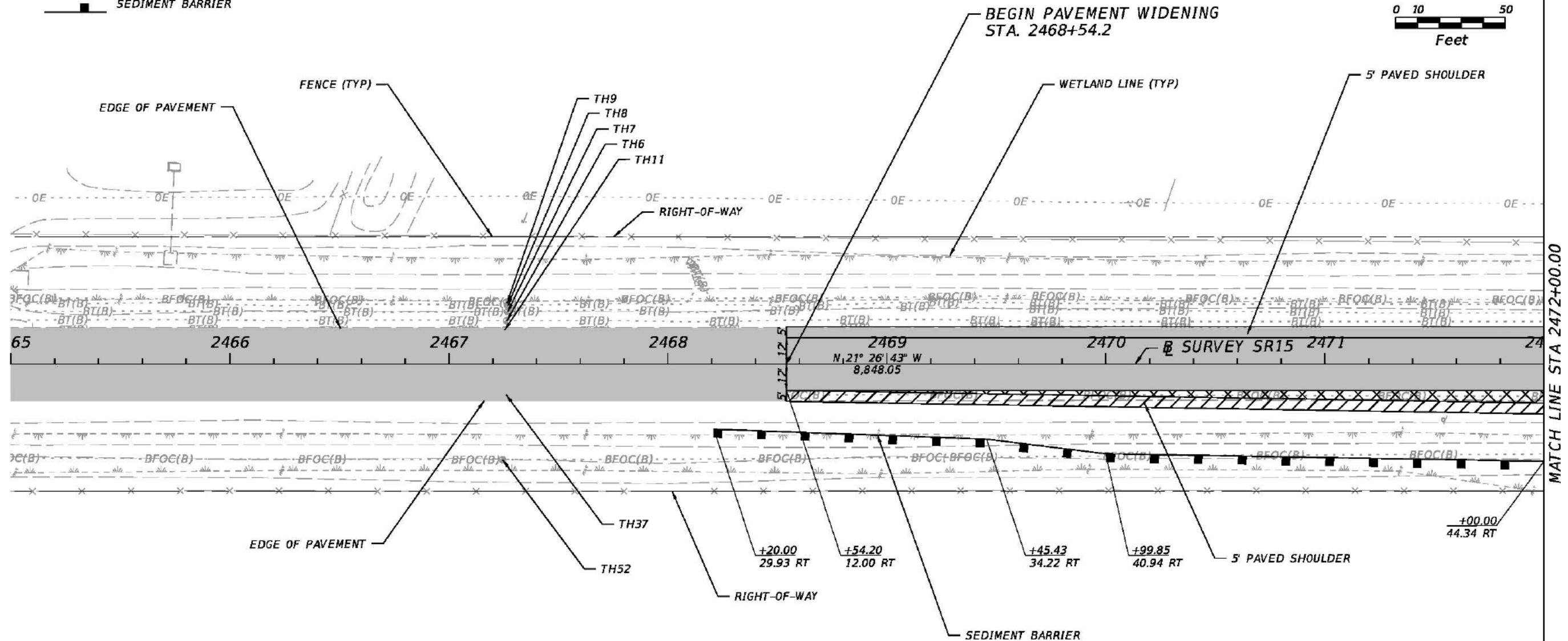
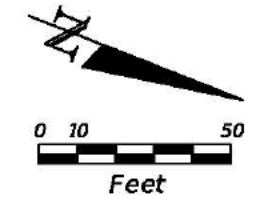
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Figure 4C

Clearing Impacts
Limited Clearing Area 2
2014 True Color Orthophoto
State Road 15
Kenansville, Osceola County, FL
2016-163 November 16, 2016



- MILLING AND RESURFACING
▨ PAVEMENT WIDENING
▧ SHOULDER PAVEMENT WIDENING
— SEDIMENT BARRIER

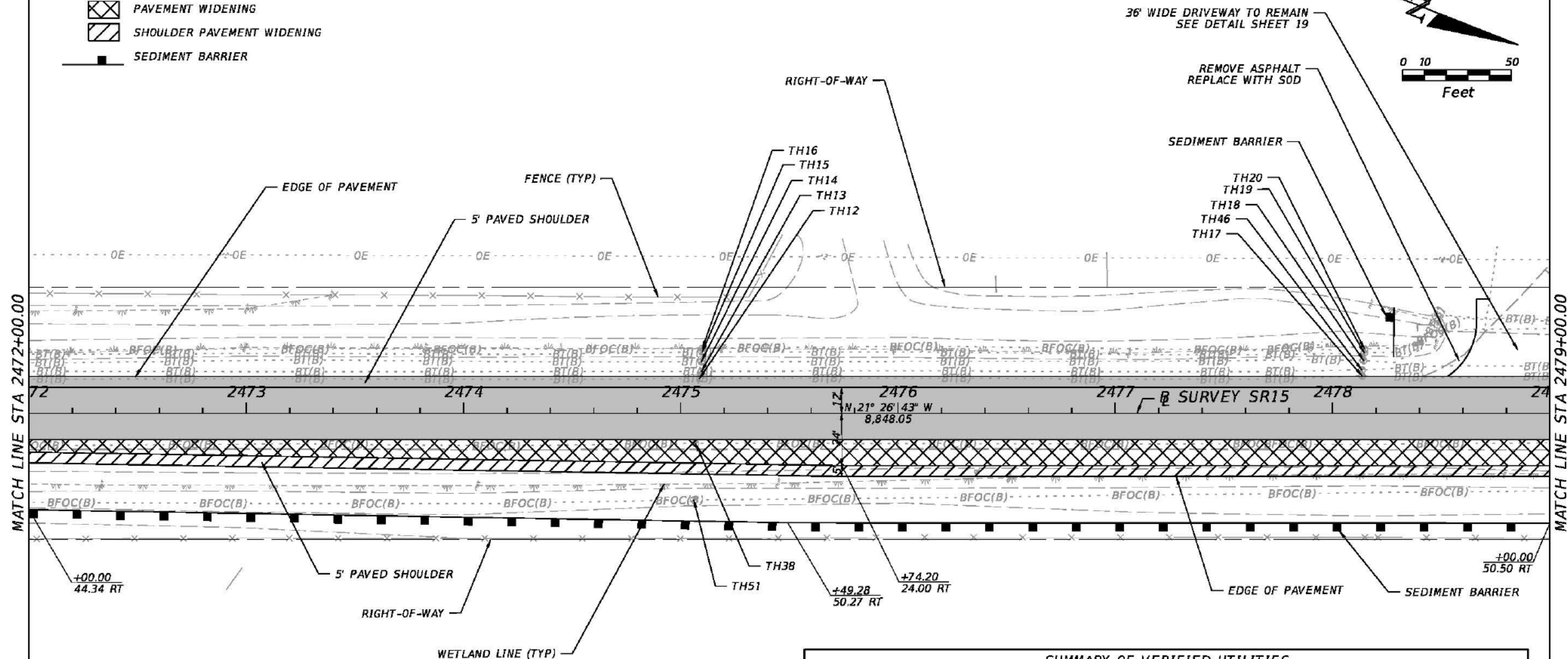


SUMMARY OF VERIFIED UTILITIES

TH	UTILITY	DESCRIPTION	SURVEY SR 15			EXISTING GROUND ELEVATION	TOP ELEV.
			STATION	OFFSET (FT)	LT/RT		
TH6	CENTURY LINK	1/4-IN BT CABLE	2467+26.43	19.75	LT	72.34	69.31
TH7	CENTURY LINK	1-IN BT CABLE	2467+26.90	23.90	LT	71.79	68.84
TH8	CENTURY LINK	2-IN BT CABLE	2467+26.82	26.79	LT	71.10	67.83
TH9	CENTURY LINK	UNABLE TO VERIFY	2467+26.40	28.22	LT	70.65	67.05
TH11	CENTURY LINK	1/4-IN BT CABLE	2467+25.58	15.61	LT	72.53	69.16
TH37	AT&T	4-IN PVC FOC	2467+26.22	14.09	RT	72.58	69.63
TH52	LEVEL 3	UNABLE TO VERIFY	2467+24.53	43.64	RT	68.49	65.67

REVISIONS				DANIEL I. MCCRANIE, P.E. P.E. LICENSE NUMBER 50627 MCCRANIE & ASSOCIATES, INC. 3 SOUTH 2ND STREET FERNANDINA BEACH, FL 32034 CERTIFICATE OF AUTHORIZATION 8269	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 15	OSCEOLA	434406-1-52-01		

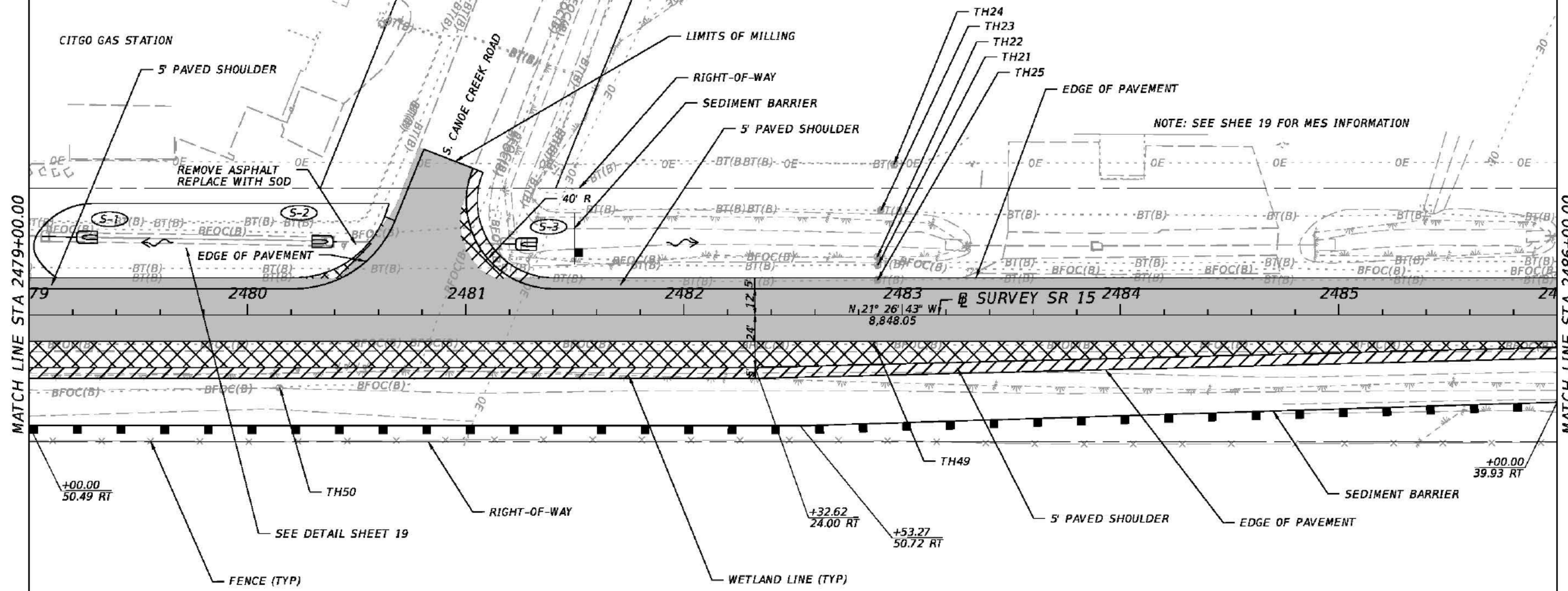
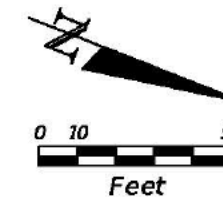
- MILLING AND RESURFACING
PAVEMENT WIDENING
SHOULDER PAVEMENT WIDENING
SEDIMENT BARRIER



SUMMARY OF VERIFIED UTILITIES							
TH	UTILITY	DESCRIPTION	SURVEY SR 15			EXISTING GROUND ELEVATION	TOP ELEV.
			STATION	OFFSET (FT)	LT /RT		
TH12	CENTURY LINK	1/4-IN BT CABLE	2475+08.57	16.07	LT	72.25	68.62
TH13	CENTURY LINK	1/4-IN BT CABLE	2475+09.41	19.36	LT	72.08	68.70
TH14	CENTURY LINK	1-IN BT CABLE	2475+09.46	23.82	LT	71.36	68.40
TH15	CENTURY LINK	2-IN BT CABLE	2475+09.88	28.26	LT	70.46	68.00
TH16	CENTURY LINK	UNABLE TO VERIFY	2475+09.98	29.93	LT	70.14	66.76
TH17	CENTURY LINK	1-IN BT CABLE	2478+13.58	17.22	LT	72.01	68.60
TH18	CENTURY LINK	1-IN BT CABLE	2478+14.61	24.31	LT	71.56	68.13
TH19	CENTURY LINK	2-IN BT CABLE	2478+14.61	27.76	LT	70.80	67.77
TH20	CENTURY LINK	1/2-IN FOC	2478+14.66	29.64	LT	70.35	66.83
TH38	AT&T	4-IN PVC FOC	2475+06.74	13.77	RT	72.39	69.50
TH46	CENTURY LINK	1/4-IN BT CABLE	2478+13.47	19.98	LT	71.96	68.35
TH51	LEVEL 3	UNABLE TO VERIFY	2475+06.06	39.78	RT	67.95	64.51

REVISIONS				DANIEL I. MCCRANIE, P.E. P.E. LICENSE NUMBER 50627 MCCRANIE & ASSOCIATES, INC. 3 SOUTH 2ND STREET FERNANDINA BEACH, FL 32034 CERTIFICATE OF AUTHORIZATION 8269	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 15	OSCEOLA	434406-1-52-01		

- COUNTY RIGHT-OF-WAY
- MILLING AND RESURFACING
- PAVEMENT WIDENING
- SHOULDER PAVEMENT WIDENING
- SEDIMENT BARRIER



SUMMARY OF VERIFIED UTILITIES

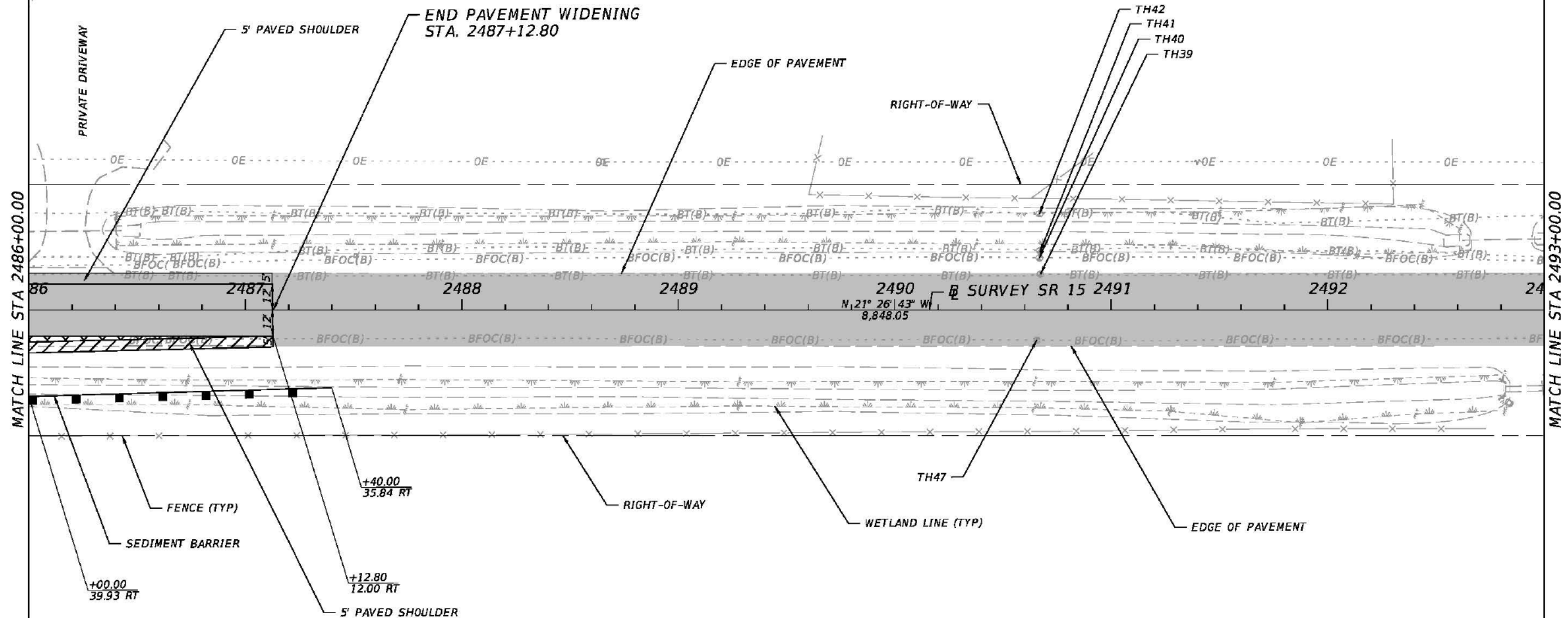
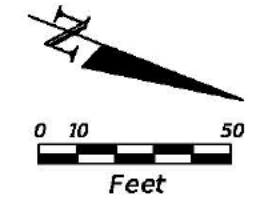
TH	UTILITY	DESCRIPTION	SURVEY SR 15			EXISTING GROUND ELEVATION	TOP ELEV.
			STATION	OFFSET (FT)	LT /RT		
TH21	CENTURY LINK	UNABLE TO VERIFY	2482+88.75	23.01	LT	71.38	68.13
TH22	CENTURY LINK	1/2-IN FOC	2482+88.53	26.53	LT	70.62	67.00
TH23	CENTURY LINK	UNABLE TO VERIFY	2482+90.15	47.98	LT	70.31	67.54
TH24	CENTURY LINK	1/4-IN BT CABLE	2482+86.16	68.94	LT	70.77	69.68
TH25	CENTURY LINK	1/4-IN BT CABLE	2482+88.70	16.09	LT	72.34	68.38
TH49	AT&T	4-IN PVC FOC	2482+87.21	13.33	RT	72.49	69.86
TH50	LEVEL 3	UNABLE TO VERIFY	2480+14.65	33.35	RT	68.60	63.96

REVISIONS				DANIEL I. MCCRANIE, P.E. P.E. LICENSE NUMBER 50627 MCCRANIE & ASSOCIATES, INC. 3 SOUTH 2ND STREET FERNANDINA BEACH, FL 32034 CERTIFICATE OF AUTHORIZATION 8269	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 17
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 15	OSCEOLA	434406-1-52-01		

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- MILLING AND RESURFACING
▨ PAVEMENT WIDENING
▧ SHOULDER PAVEMENT WIDENING
— SEDIMENT BARRIER

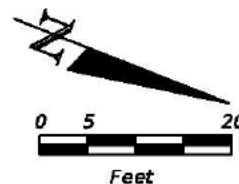


SUMMARY OF VERIFIED UTILITIES

TH	UTILITY	DESCRIPTION	SURVEY SR 15			EXISTING GROUND ELEVATION	TOP ELEV.
			STATION	OFFSET (FT)	LT /RT		
TH39	CENTURY LINK	1/4-IN BT CABLE	2490+67.24	16.56	LT	72.44	69.07
TH40	CENTURY LINK	1/2-IN FOC	2490+66.85	24.08	LT	71.77	68.10
TH41	CENTURY LINK	1/2-IN BT CABLE	2490+67.06	27.46	LT	71.12	68.39
TH42	CENTURY LINK	UNABLE TO VERIFY	2490+66.85	44.40	LT	69.98	65.44
TH47	AT&T	4-IN PVC FOC	2490+65.69	13.89	RT	72.60	69.87

REVISIONS				DANIEL I. MCCRANIE, P.E. P.E. LICENSE NUMBER 50627 MCCRANIE & ASSOCIATES, INC. 3 SOUTH 2ND STREET FERNANDINA BEACH, FL. 32034 CERTIFICATE OF AUTHORIZATION 8269	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		PLAN SHEET	SHEET NO. 18
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
					SR 15	OSCEOLA		

- PLACE SOD
- SEDIMENT BARRIER
- REMOVE ASPHALT AND REPLACE WITH SOD



S-1

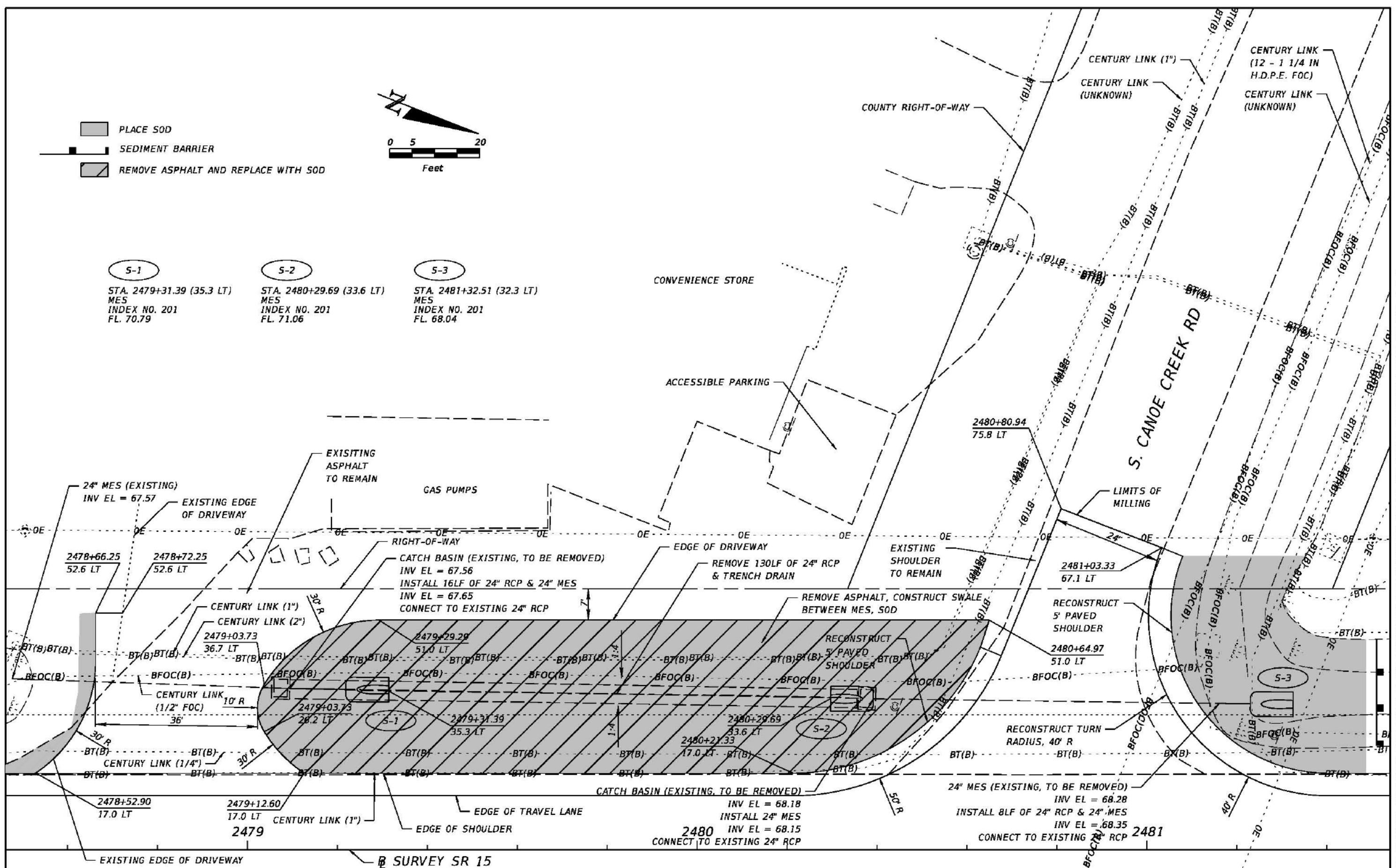
STA. 2479+31.39 (35.3 LT)
MES
INDEX NO. 201
FL. 70.79

S-2

STA. 2480+29.69 (33.6 LT)
MES
INDEX NO. 201
FL. 71.06

S-3

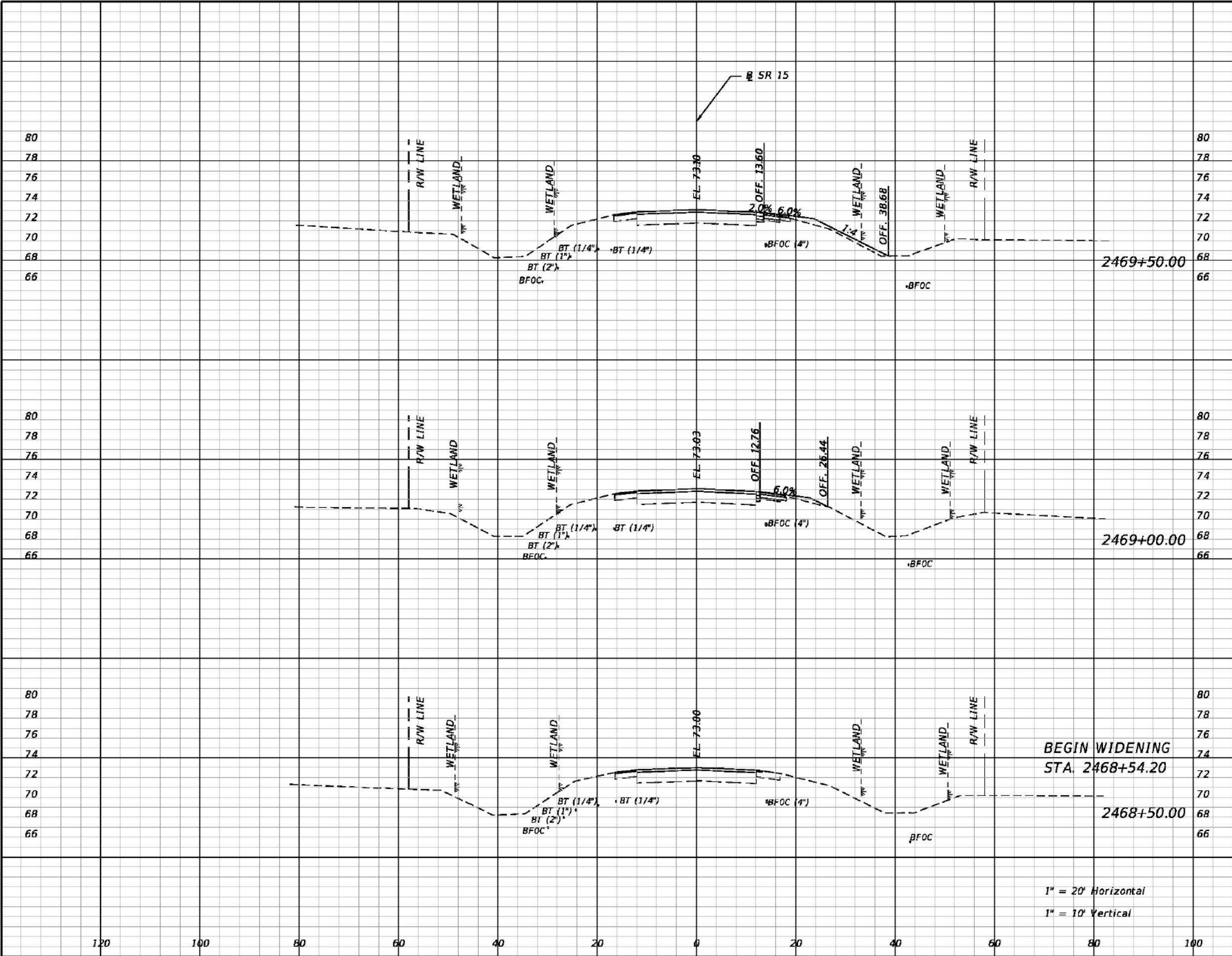
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MES
INDEX NO. 201
FL. 68.04



SR 15

REVISIONS				DANIEL I. MCCRANIE, P.E. P.E. LICENSE NUMBER 50627 MCCRANIE & ASSOCIATES, INC. 212 B CENTRE STREET FERNANDINA BEACH, FL. 32034 CERTIFICATE OF AUTHORIZATION 8269	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DETAIL SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		19
					SR 15	OSCEOLA	434406-1-52-01		

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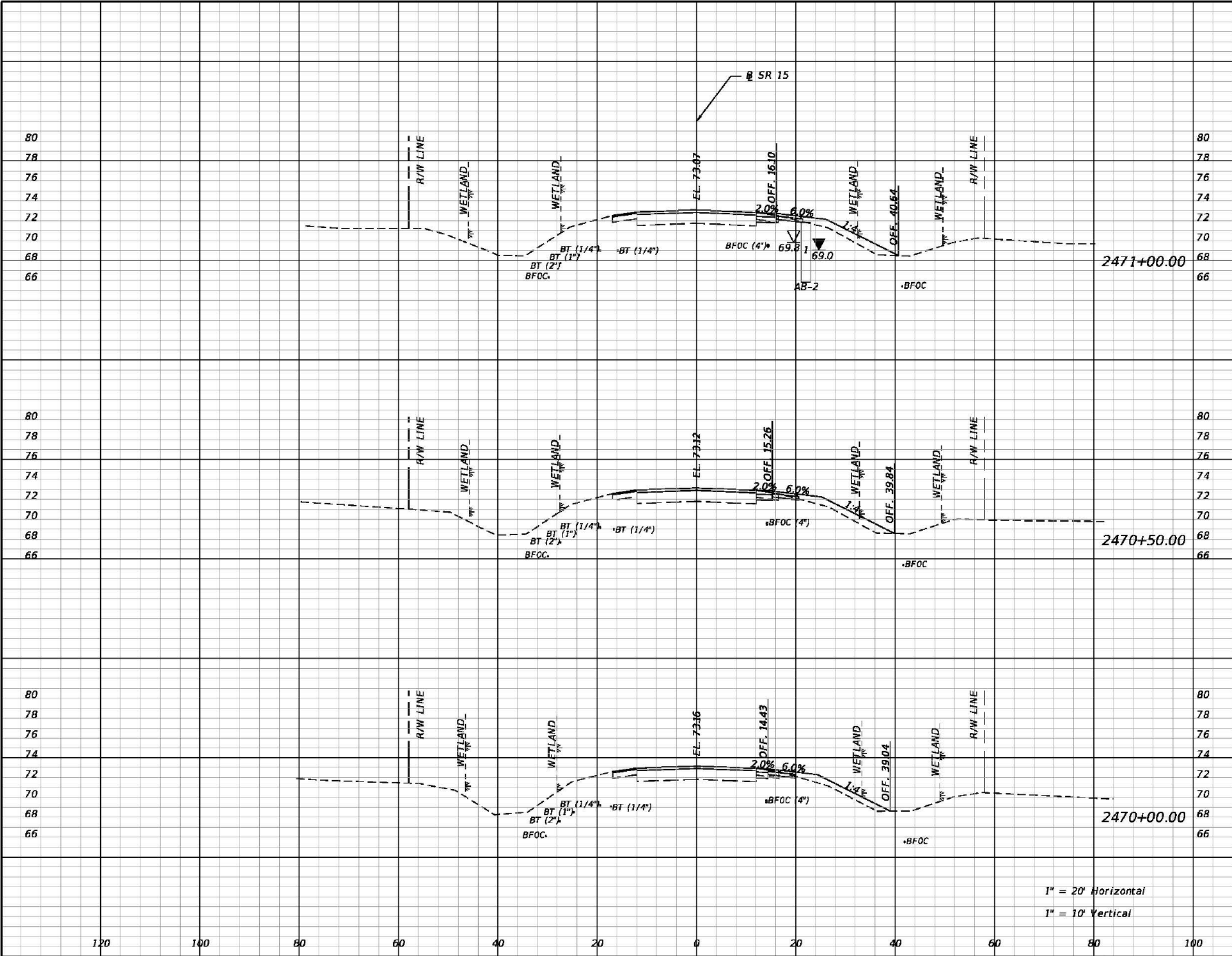


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	3.8	6.7	7.3	8.9
0.0	0.0	3.4	0.0	2.3	0.0
0.0	0.0	0.0	0.0	0.0	0.0

REVISIONS				DANIEL I. MCCRANIE, P.E. P.E. LICENSE NUMBER 50627 MCCRANIE & ASSOCIATES, INC. 3 SOUTH 2ND STREET FERNANDINA BEACH, FL 32034 CERTIFICATE OF AUTHORIZATION 8269	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO. 21
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 15	OSCEOLA	434406-1-52-01		

1" = 20' Horizontal
1" = 10' Vertical

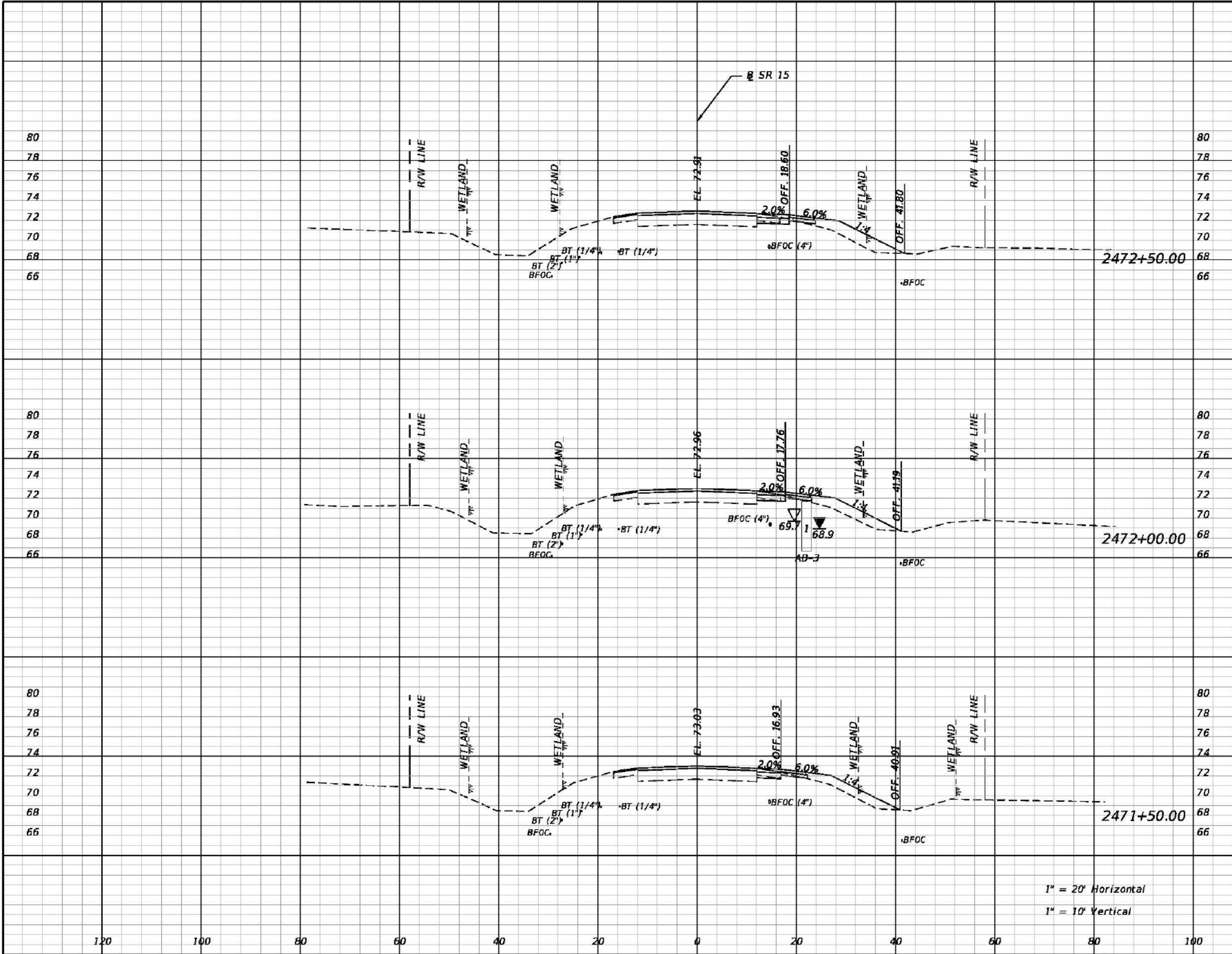
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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	4.7	8.3	14.2	25.3
0.0	0.0	4.3	7.8	13.1	22.9
0.0	0.0	4.1	7.3	11.6	17.5

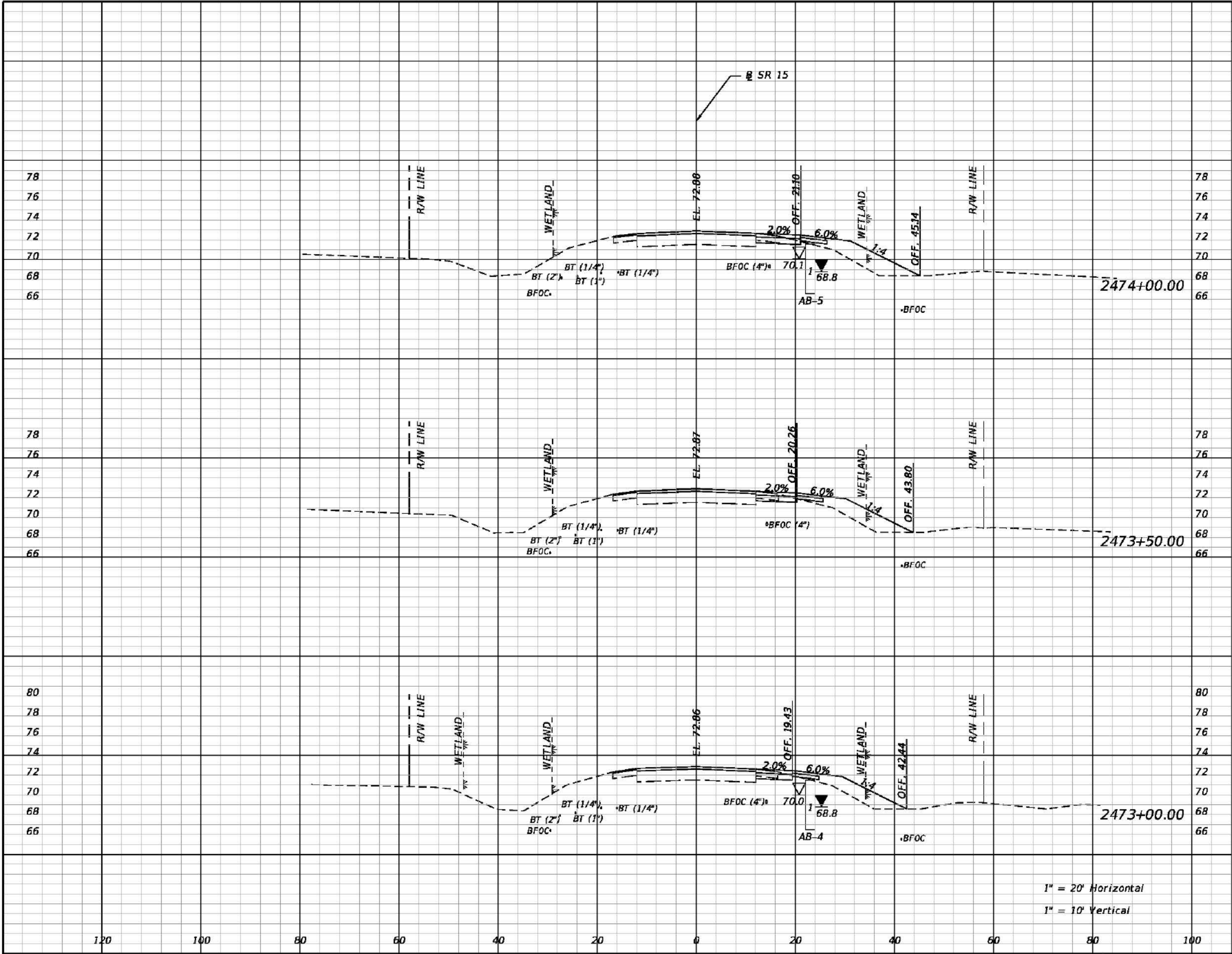
REVISIONS				DANIEL I. MCCRANIE, P.E. P.E. LICENSE NUMBER 50627 MCCRANIE & ASSOCIATES, INC. 3 SOUTH 2ND STREET FERNANDINA BEACH, FL 32034 CERTIFICATE OF AUTHORIZATION 8269	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO. 22
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 15	OSCEOLA	434406-1-52-01		

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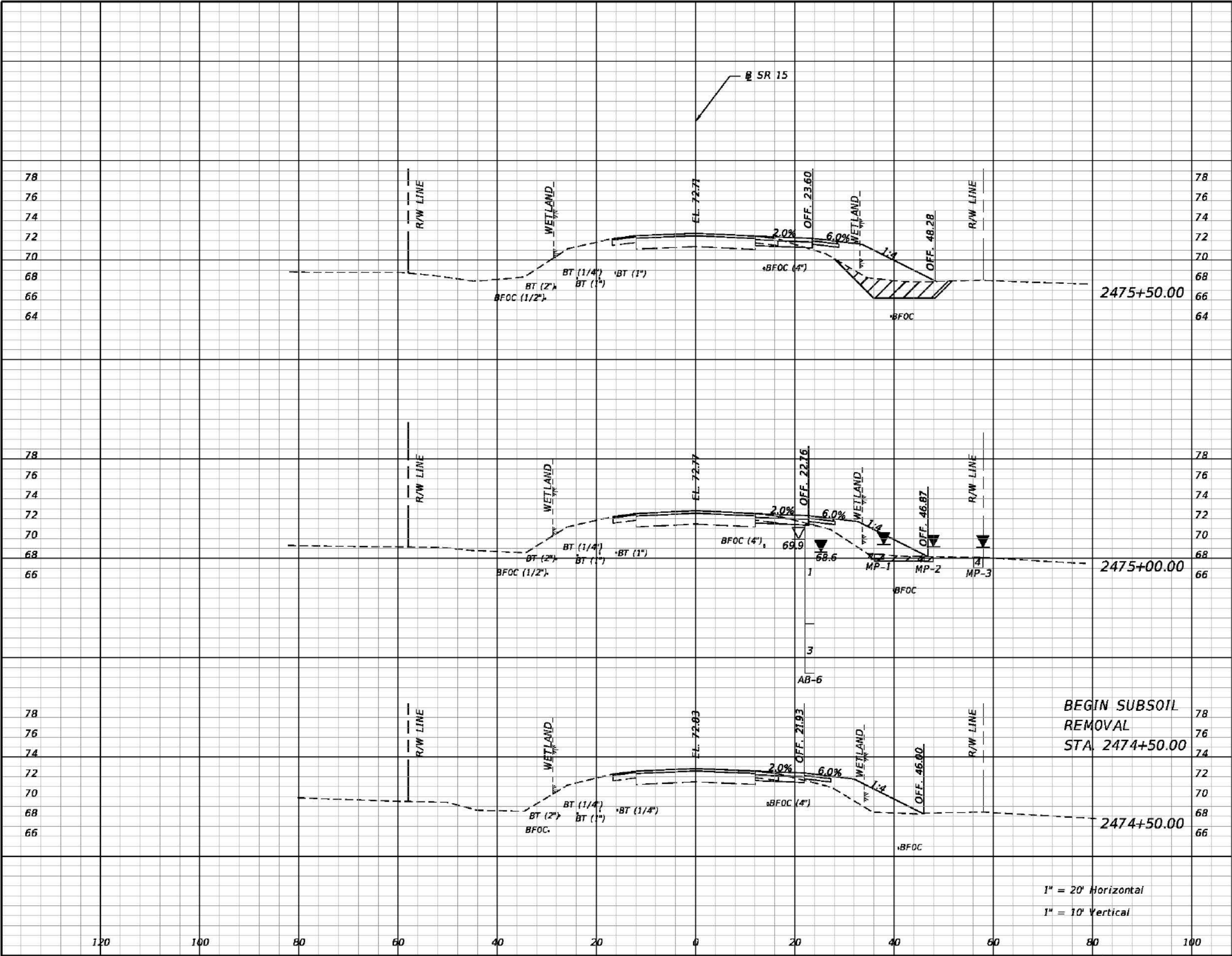


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	5.2	9.3	19.1	33.2
0.0	0.0	4.8	8.8	16.8	29.9
0.0	0.0	4.7	8.7	15.5	27.5

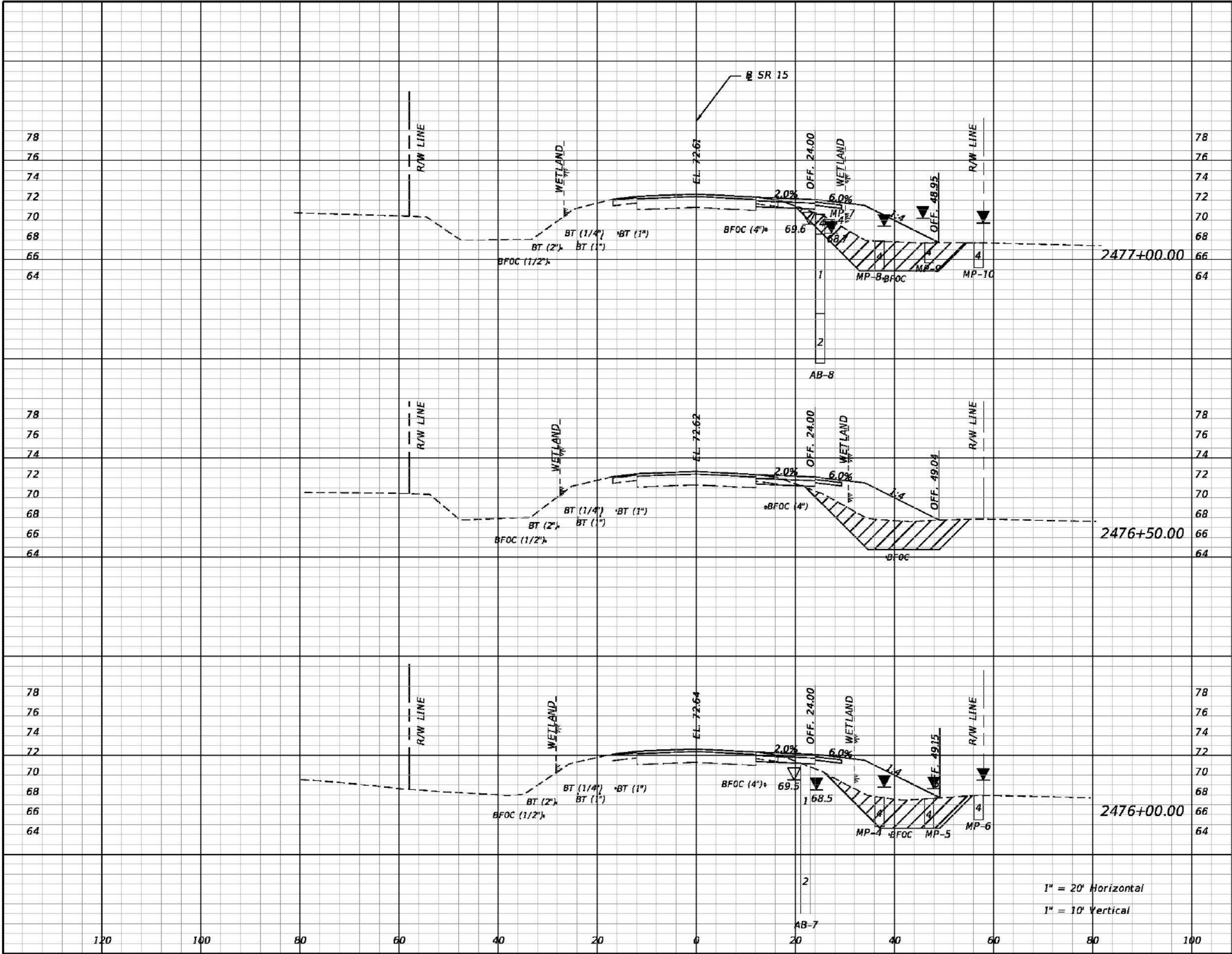
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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
0.0	0.0	6.4	11.5	27.6	48.1
0.0	0.0	6.0	10.8	24.3	42.0
0.0	0.0	5.7	10.1	21.1	37.2

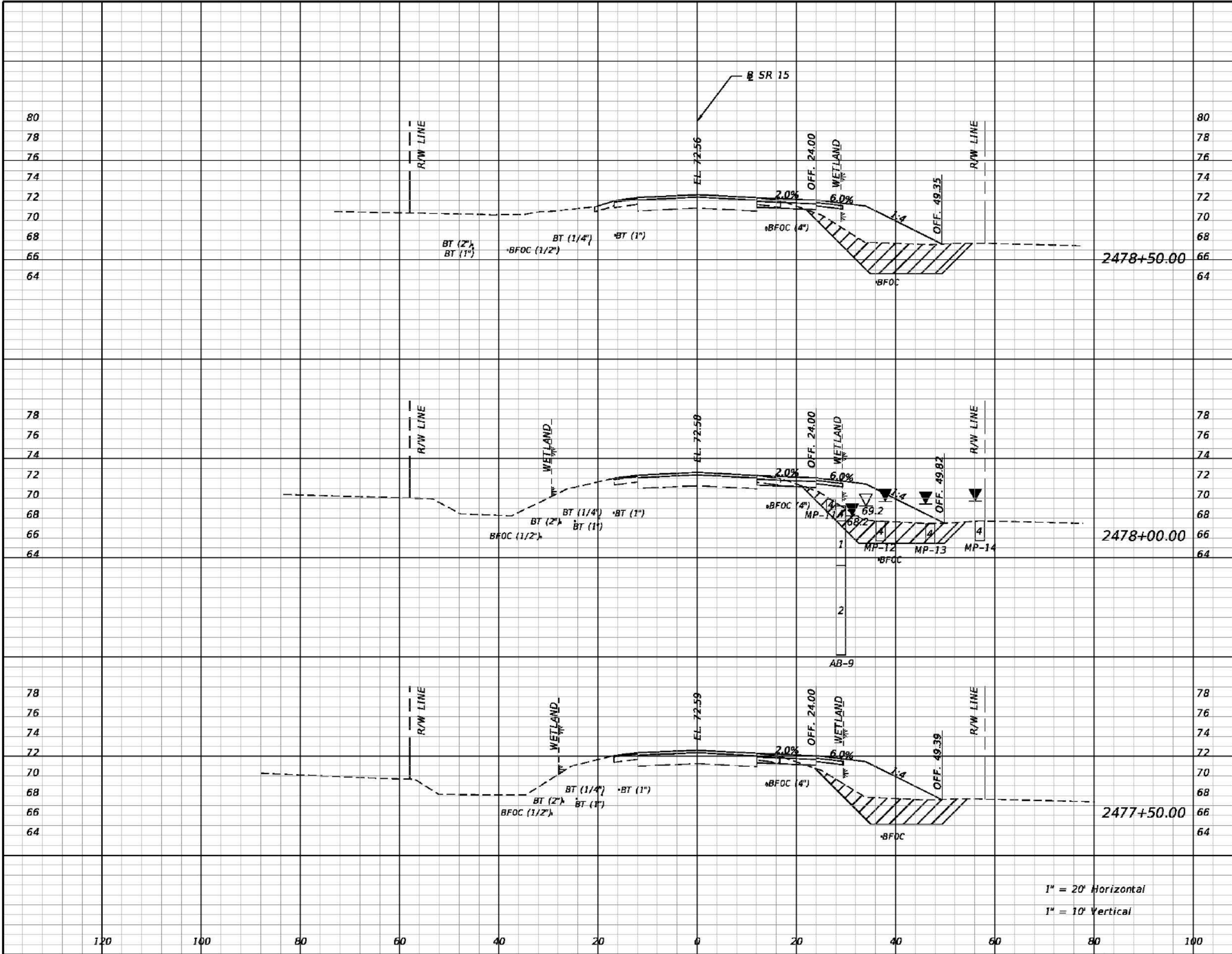


Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
31.4	35.1	6.0	11.9	74.5	106.5
6.5	0.0	6.8	12.4	40.5	59.7
0.0	0.0	6.6	12.0	30.5	53.8



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
80.4	141.4	5.6	10.4	128.3	231.9
72.3	123.4	5.6	10.4	122.1	216.8
60.9	85.4	5.6	10.7	112.0	172.7

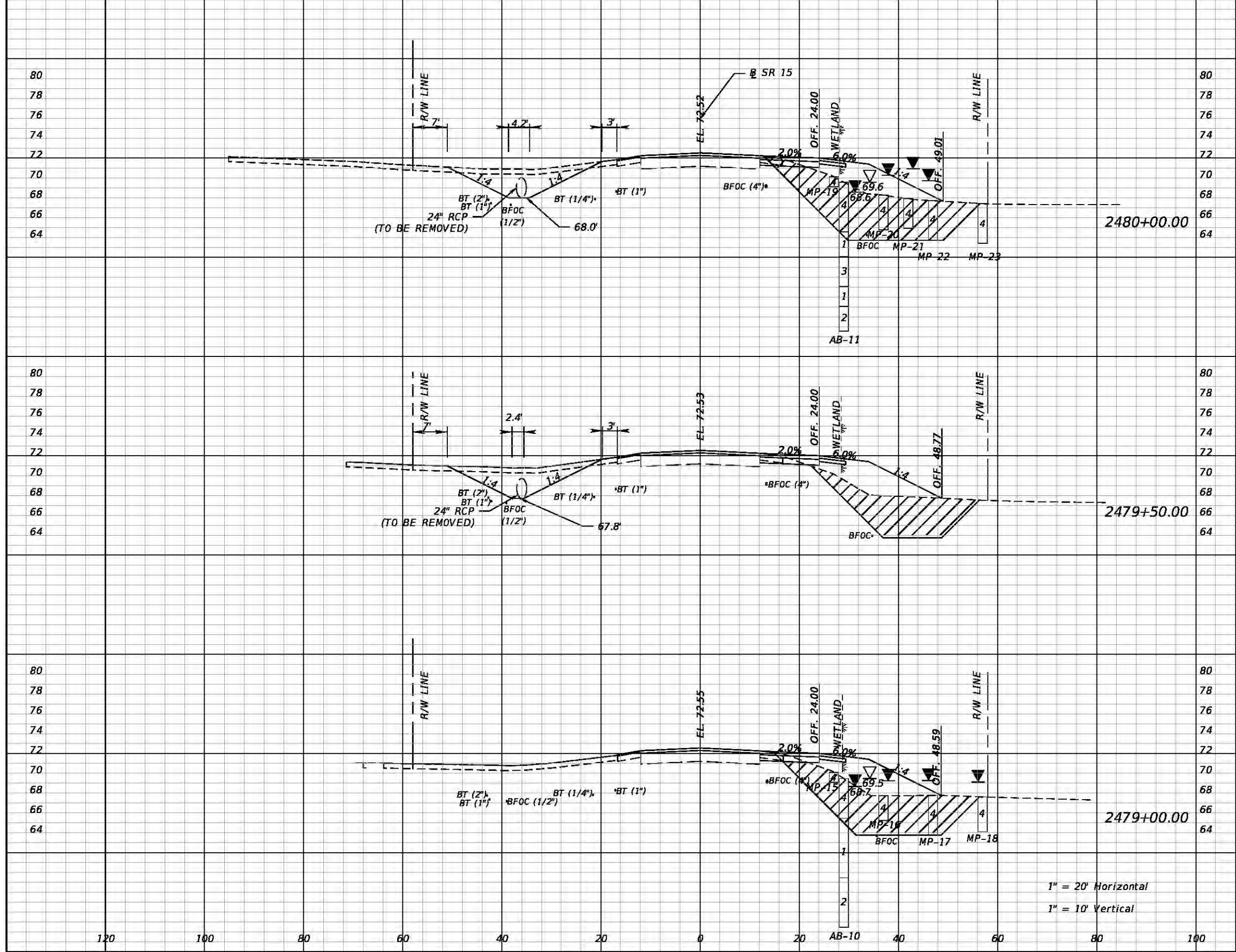
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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
73.6	122.8	6.0	11.0	124.0	217.8
59.0	108.0	5.9	10.9	111.3	202.0
57.6	127.8	5.9	10.7	106.8	217.7

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 15	OSCEOLA	434406-1-52-01		

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Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V
153.0	227.4	51.2	99.5	195.0	307.3
92.6	207.4	56.3	55.2	136.9	292.0
131.4	189.8	3.3	8.6	178.5	280.1