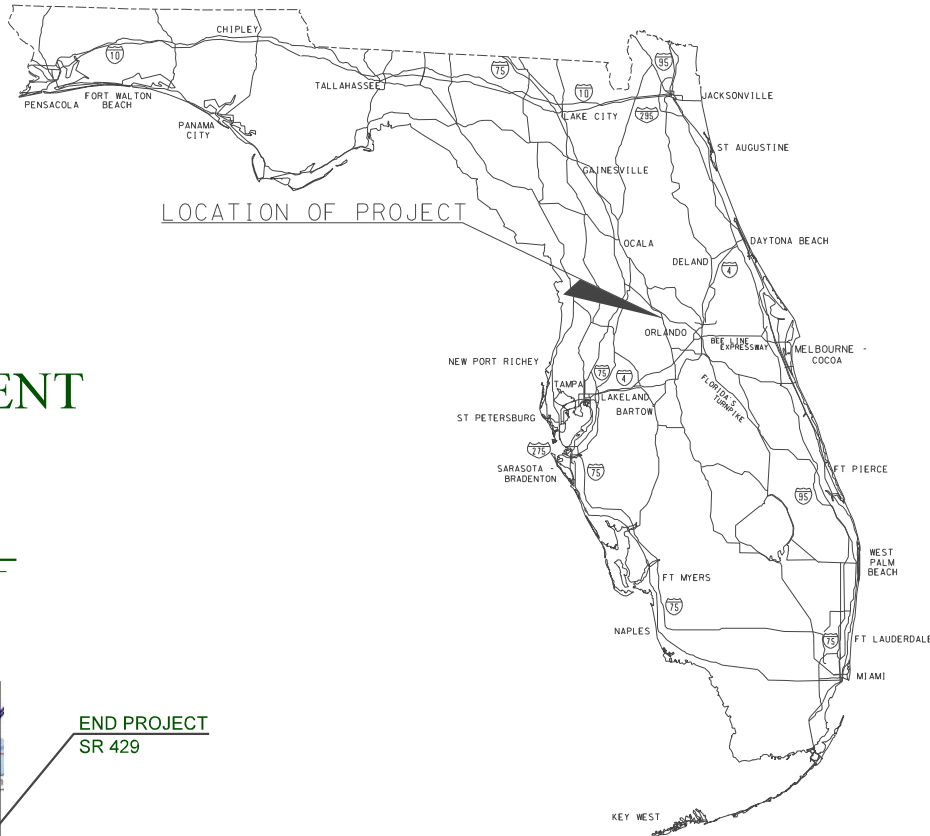
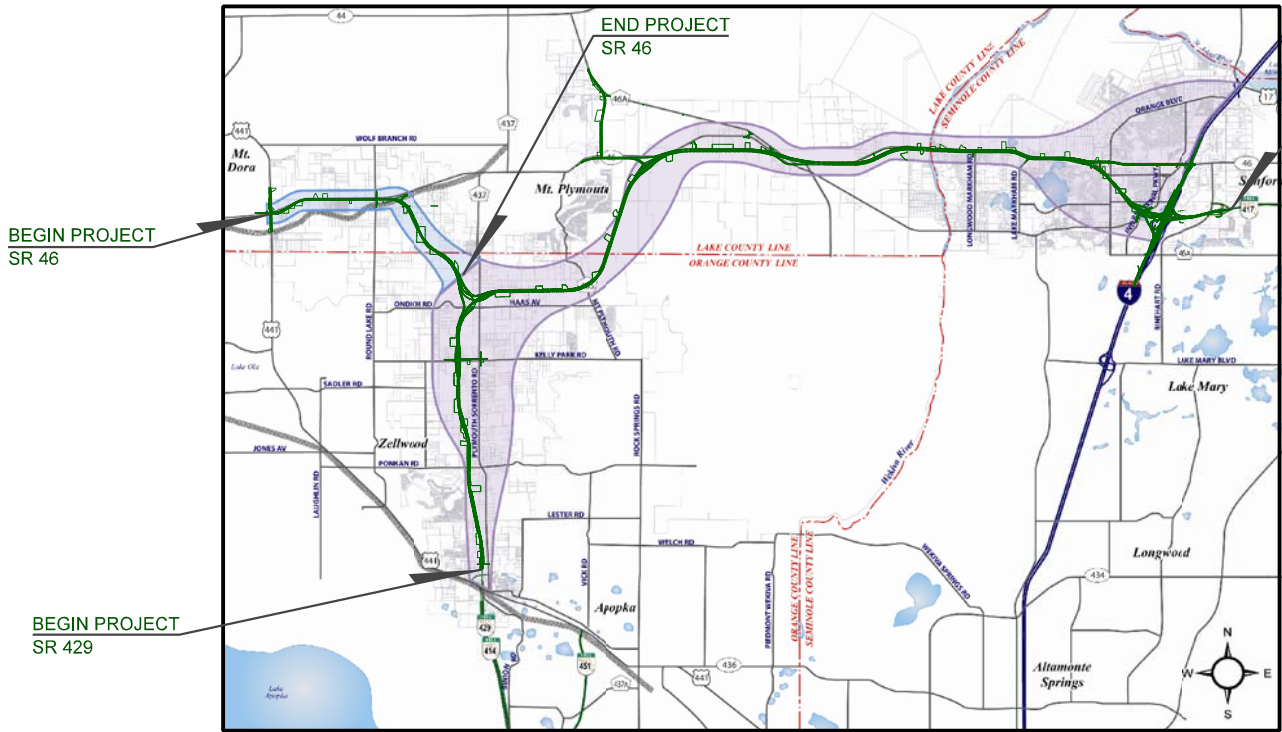


Prepared for
ORLANDO-ORANGE COUNTY EXPRESSWAY AUTHORITY
AND
FLORIDA DEPARTMENT OF TRANSPORTATION

WEKIVA PARKWAY (SR 429) / SR 46 REALIGNMENT
Project Development and Environment Study
PROPOSED BUILD ALTERNATIVE
Orange, Lake and Seminole Counties



APPENDIX E
PRELIMINARY CONCEPT PLANS
PROPOSED BUILD ALTERNATIVE

INDEX OF PRELIMINARY CONCEPT PLANS

SHEET NO.	SHEET DESCRIPTION
K-1	KEY SHEET
T-01 - T-19	ROADWAY TYPICAL SECTIONS
CC01 - CC04	CURVE DATA SHEETS
PL-1 - PL- 13	PROJECT SHEET LAYOUT
P-1 - P-79	PLAN SHEETS
PR-1 - PR-151	PROFILE SHEETS
S1 - S-49	BRIDGE TYPICAL SECTIONS
S-50 - S-111	BRIDGE PLAN & ELEVATION SHEETS

July 2010

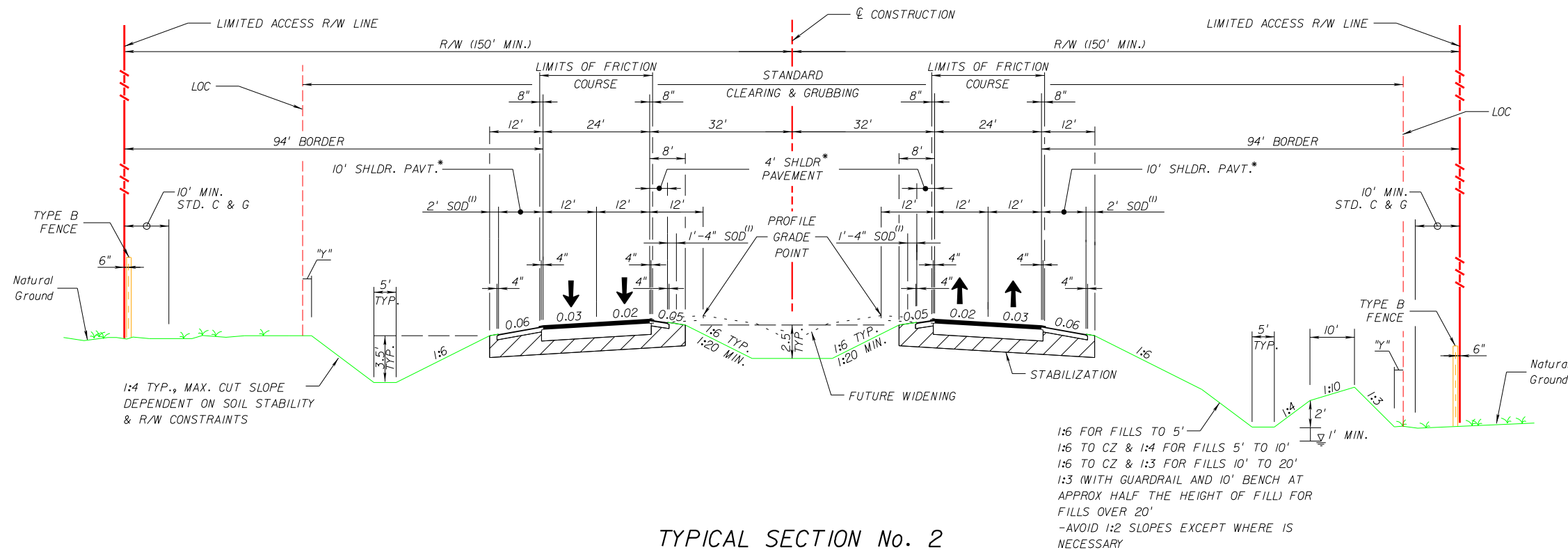
PLANS PREPARED BY:



225 E. ROBINSON STREET, SUITE 505
ORLANDO, FLORIDA 32801-4321
(407) 423-0030

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

ROADWAY PLANS
APPROVED BY: _____
DATE: _____
P.E. NO.: _____



TYPICAL SECTION No. 2
SR 429 (WEKIVA PKWY)
STA. 140+62.96 TO STA. 656+25.77
SR 46 REALIGNMENT
STA. 196+46.54 TO STA. 273+91.63

4-LANE RURAL EXPRESSWAY
 DS = 70 MPH

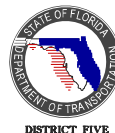
* WITH GROUND-IN RUMBLE STRIPS.

NOTES:

- (1) FOR OOCEA PROJECT LIMITS ALL NON-PAVED/DISTURBED AREAS SHALL BE SOD ONLY.
- (2) "Y" THE AREA DISTURBED VARIES, 2' MIN.

LEGEND

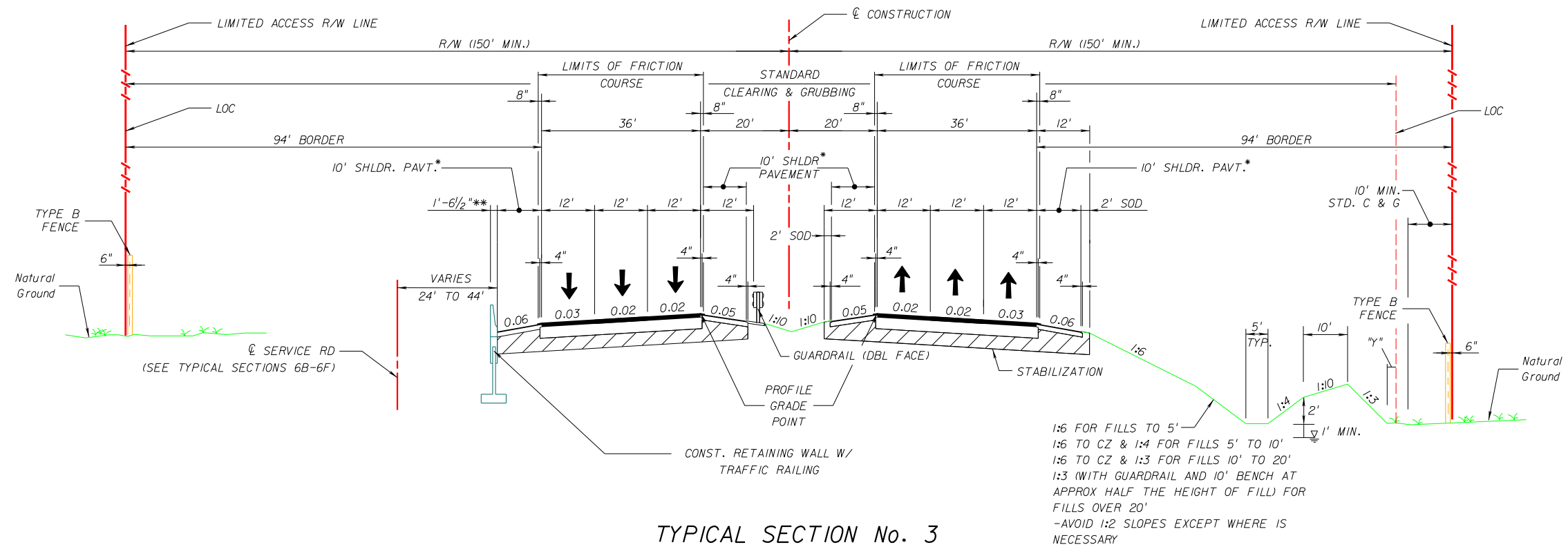
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET
NO.

T-02



TYPICAL SECTION No. 3
SR 429 (WEKIVA PKWY)
STA. 656+25.77 TO STA. 935+73.22

6-LANE RURAL EXPRESSWAY
 DS = 70 MPH

* WITH GROUND-IN RUMBLE STRIPS.

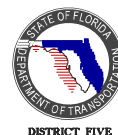
** 32" F SHAPE TRAFFIC RAILING

NOTES:

(1) "Y" THE AREA DISTURBED VARIES, 2' MIN.

LEGEND

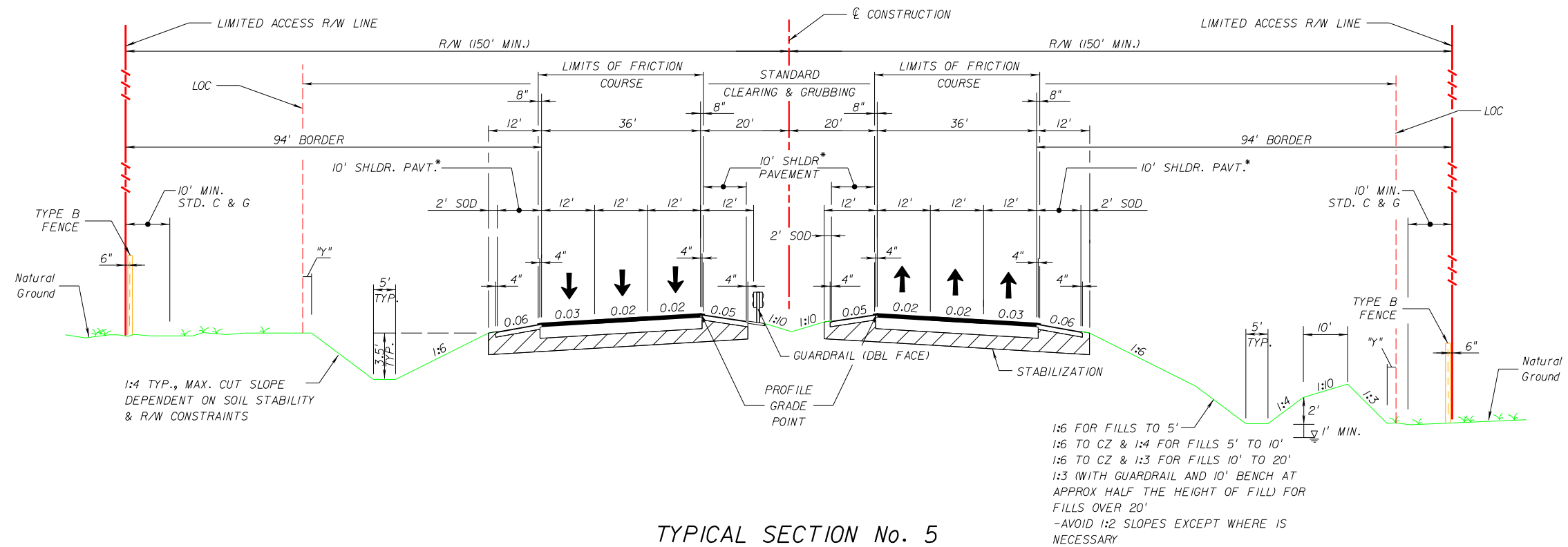
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

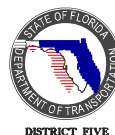
SHEET
NO.

T-03



LEGEND

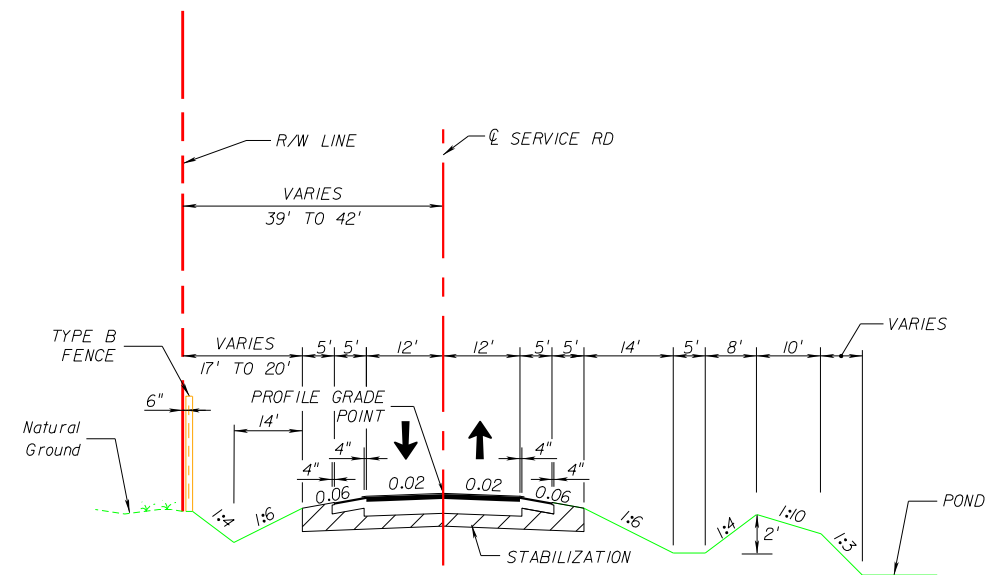
KEY MAP



PROPOSED BUILD ALTERNATIVE
 TYPICAL SECTION

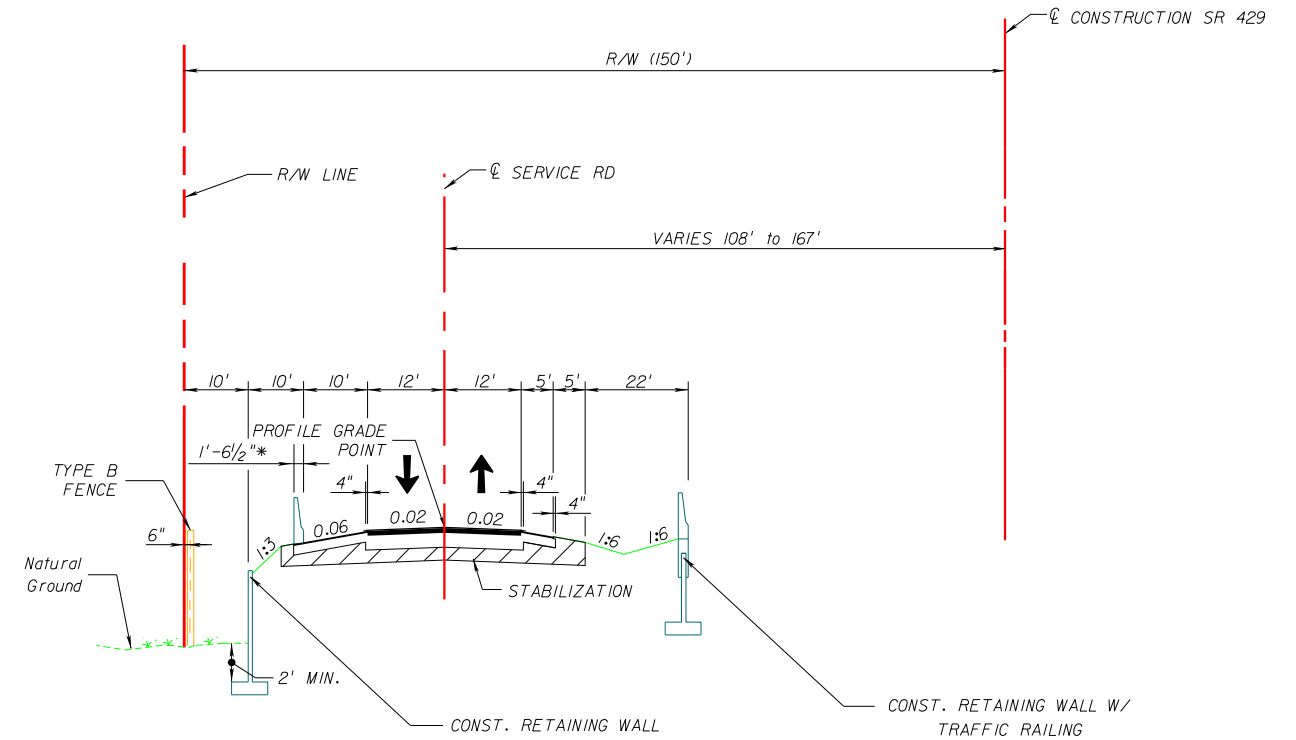
SHEET
 NO.

T-05



TYPICAL SECTION No. 6A
SERVICE ROAD
STA. 100+00.00 TO STA. 127+20.29

2-LANE RURAL COLLECTOR
 DS = 50 MPH

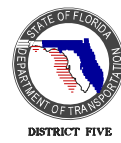


TYPICAL SECTION No. 6B
SERVICE ROAD
STA. 127+20.59 TO STA. 135+78.52

2-LANE RURAL COLLECTOR
 DS = 50 MPH

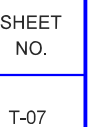
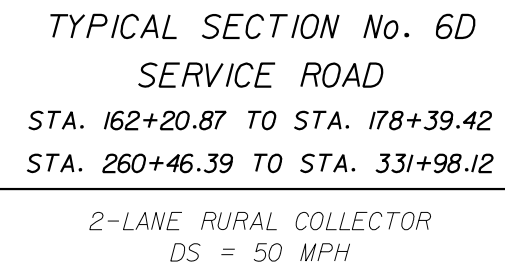
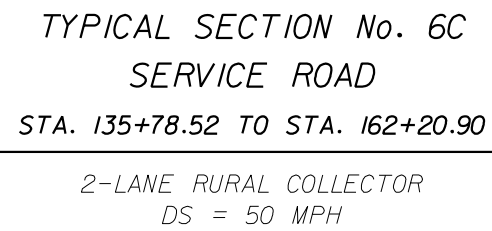
LEGEND

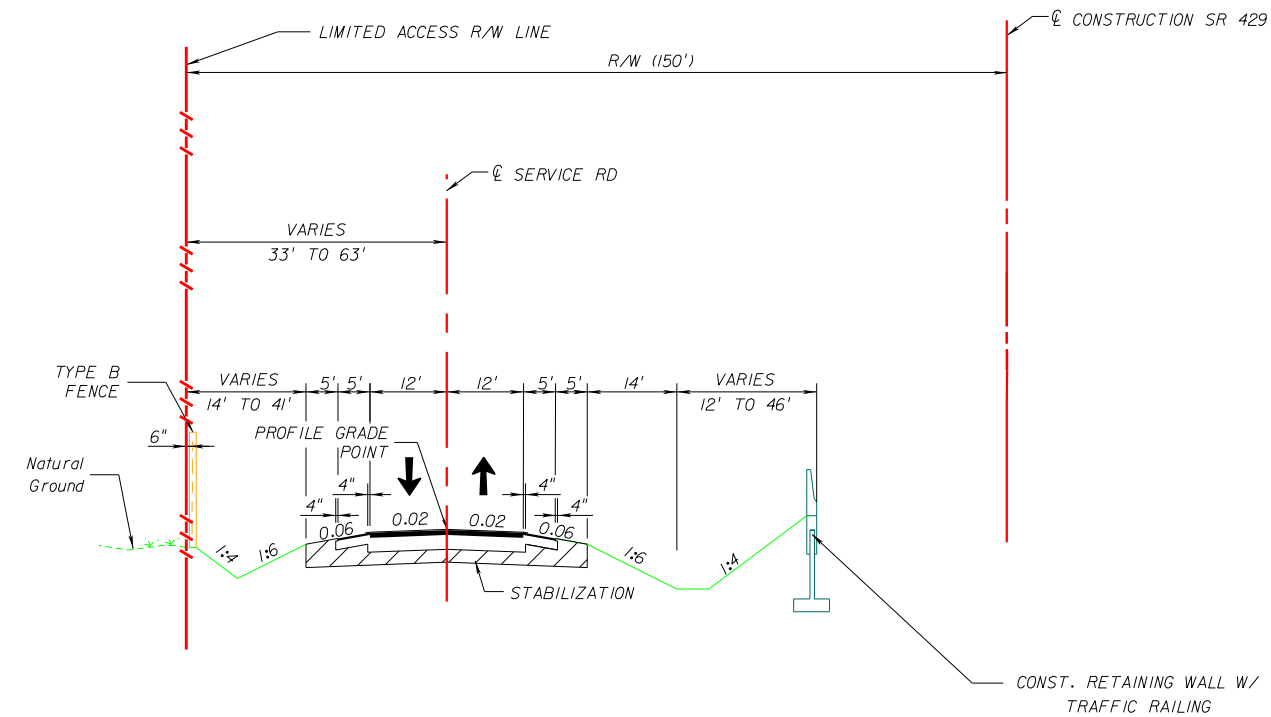
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET NO.
T-06





TYPICAL SECTION No. 6E
SERVICE ROAD

STA. 178+39.42 TO STA. 260+46.39

STA. 331+98.12 TO STA. 412+88.24

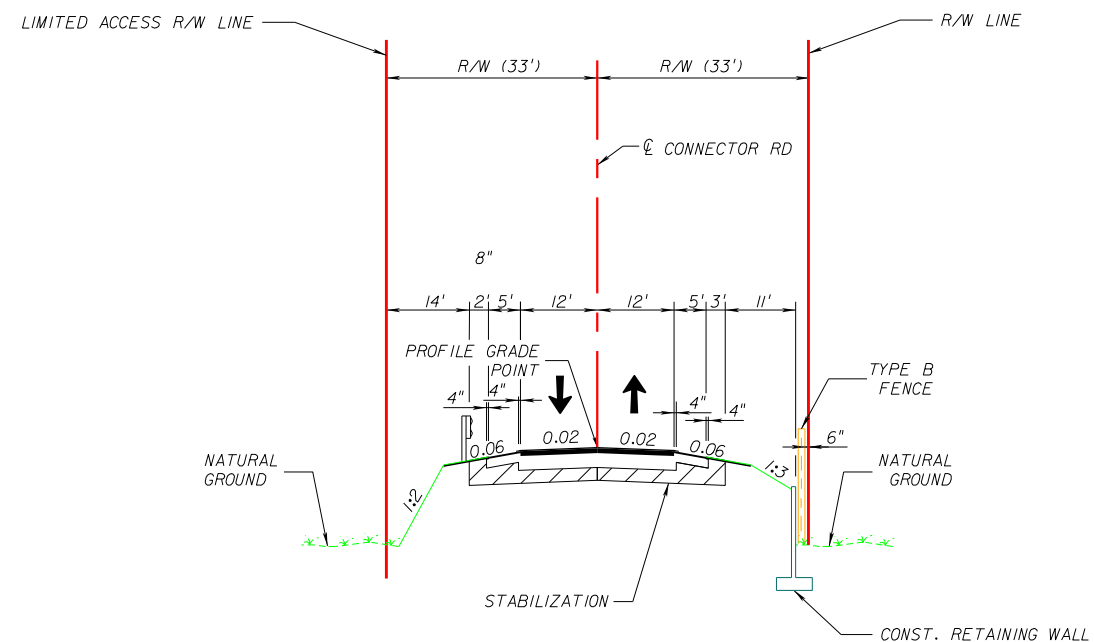
2-LANE RURAL COLLECTOR
DS = 50 MPH



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

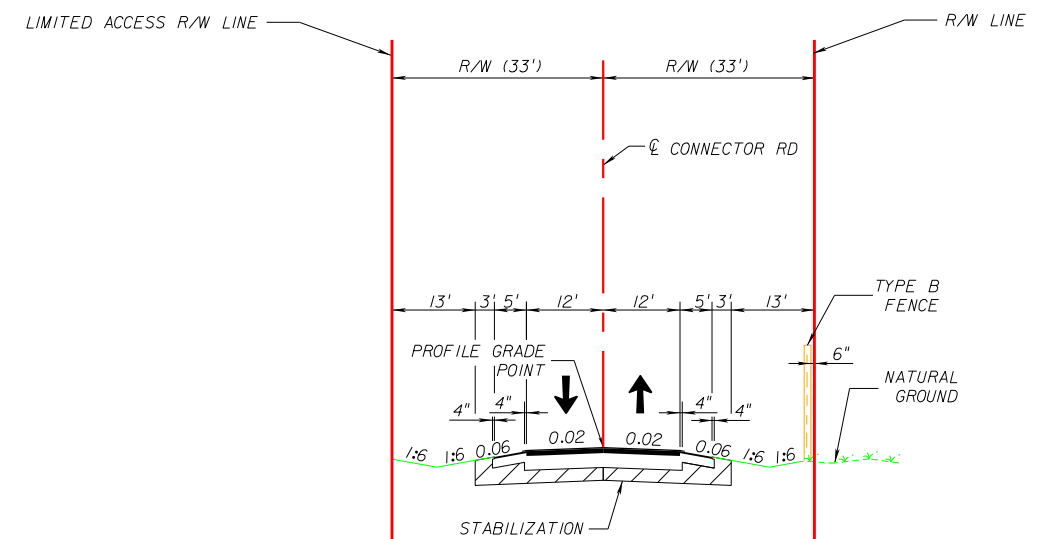
SHEET
NO.

T-08



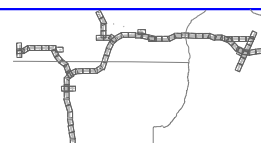
TYPICAL SECTION No. 7A
CONNECTOR ROAD
STA. 100+00.00 TO STA. 104+00.00

2-LANE RURAL COLLECTOR
DS = 40 MPH



TYPICAL SECTION No. 7B
CONNECTOR ROAD
STA. 104+00.00 TO STA. 108+24.37

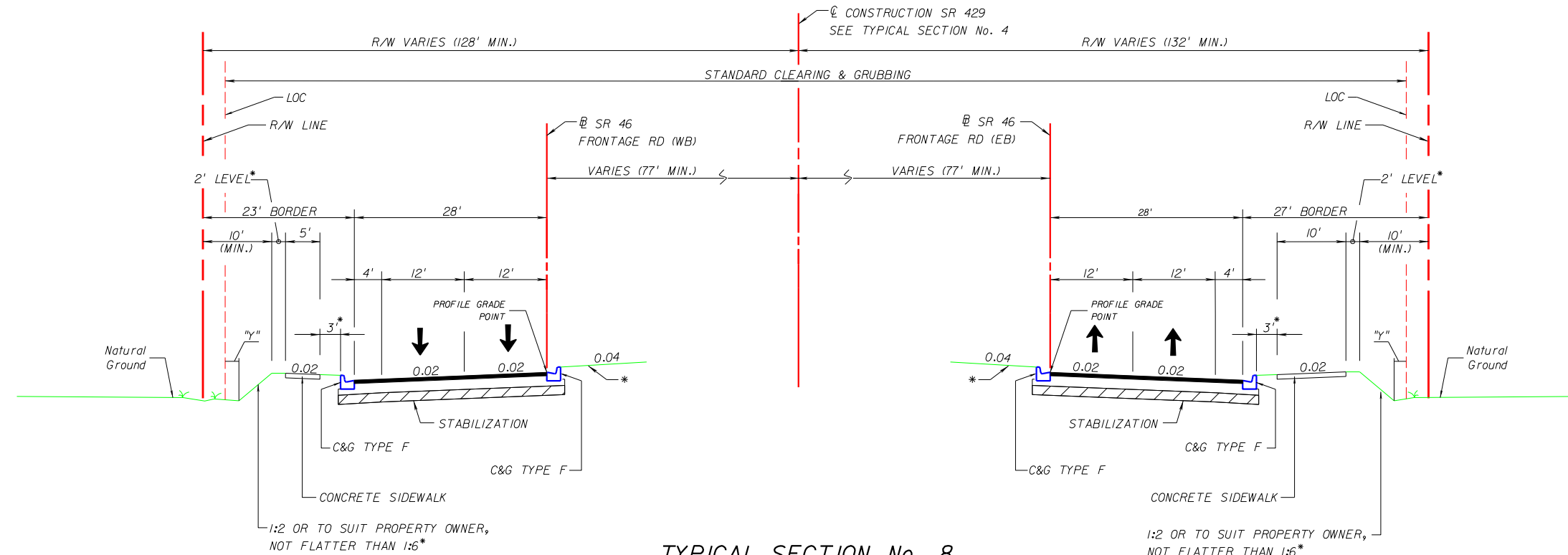
2-LANE RURAL COLLECTOR
DS = 40 MPH



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET
NO.

T-09



TYPICAL SECTION No. 8
SR 46 (FRONTAGE ROADS)

STA. 100.00.00 TO STA. 259+44.83 (@ FRONTAGE RD WB)
STA. 100+00.00 TO STA. 263+54.94 (@ FRONTAGE RD EB)

2-LANE/ONE-WAY URBAN COLLECTOR
DS = 45 MPH

* SOD.

NOTES:
(1) "Y" THE AREA DISTURBED VARIES, 2' MIN.

LEGEND

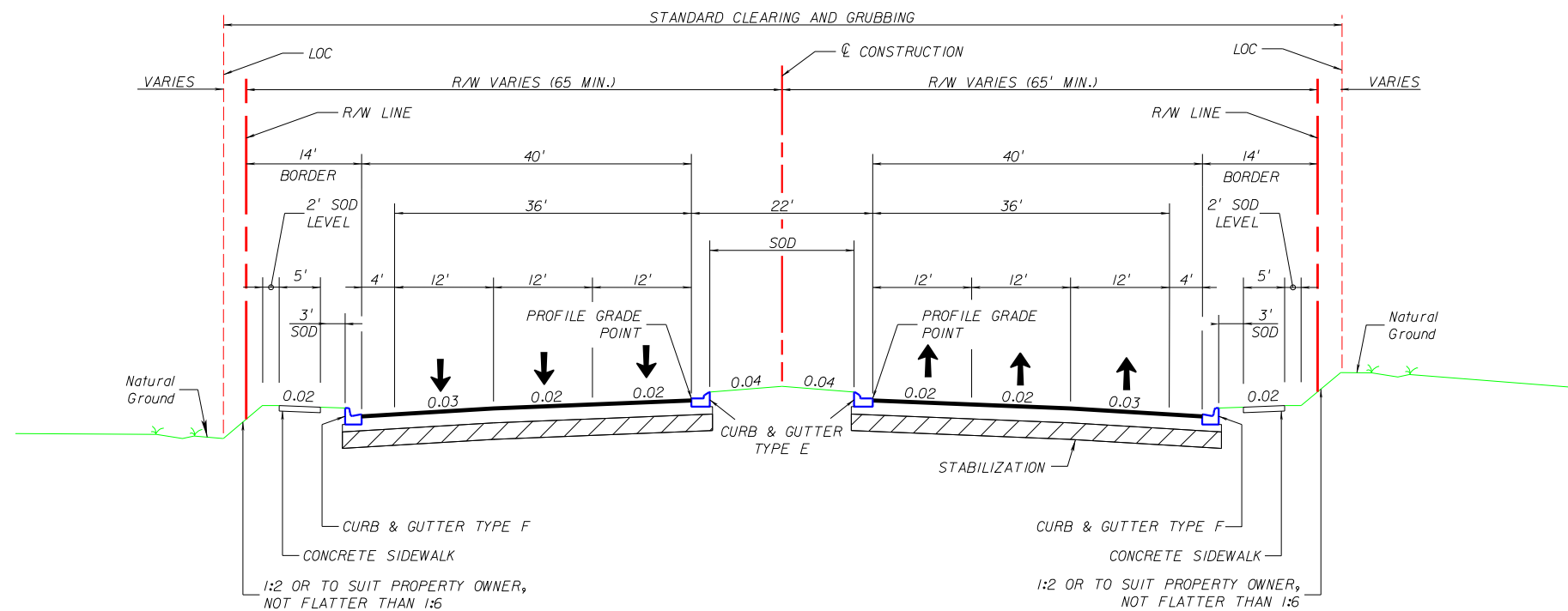
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET NO.

T-10



TYPICAL SECTION No. 9A
SR 46 RECONSTRUCTION
STA. 24+39.60 TO STA. 159+52.10

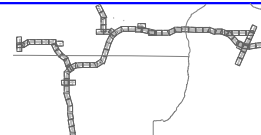
6-LANE URBAN ARTERIAL
DS = 45 MPH

NOTES:

(1) IF LIMITS OF CONSTRUCTION EXCEED RIGHT OF WAY
A PROPERTY AGREEMENT IS REQUIRED.

LEGEND

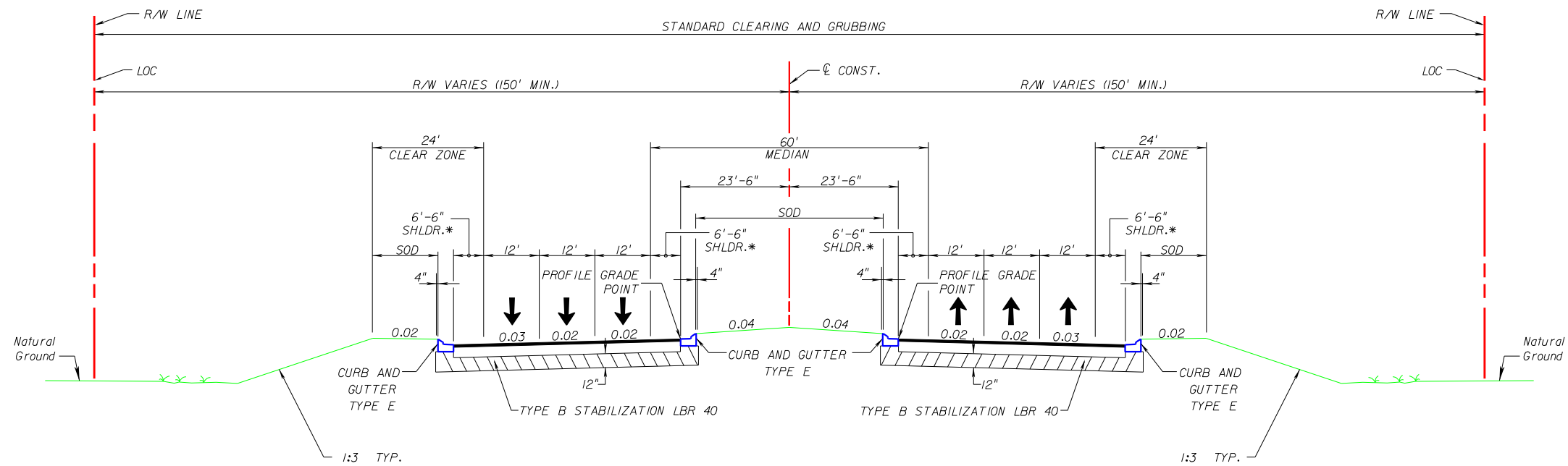
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET
NO.

T-11



TYPICAL SECTION No. 9B
SR 46 REALIGNMENT
STA. 159+52.10 TO STA. 193+46.54

6-LANE DIVIDED URBAN ARTERIAL/EXPRESSWAY
 (TRANSITIONAL SEGMENT)
 DS = 55 MPH

NOTES:

* PROVIDES FOR 8' OF USABLE SHOULDER

LEGEND

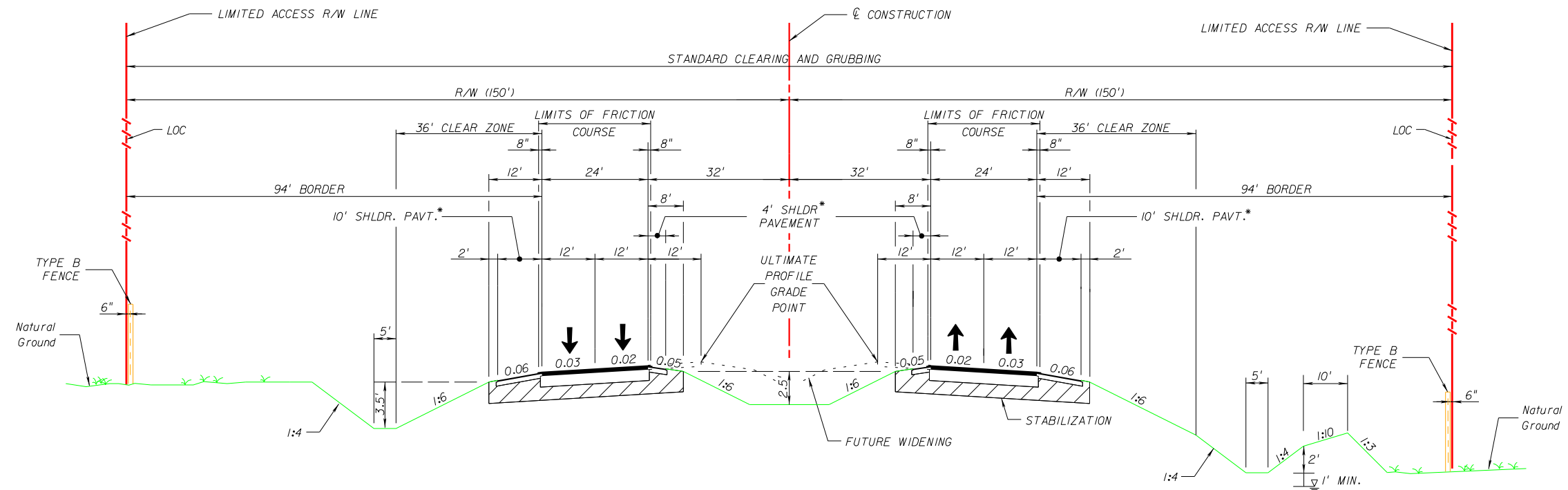
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET NO.

T-12



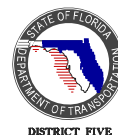
TYPICAL SECTION No. 9C
SR 46 REALIGNMENT
STA. 193+46.54 TO STA. 273+91.63

6-LANE DIVIDED RURAL EXPRESSWAY
DS = 70 MPH

* WITH GROUND-IN RUMBLE STRIPS

LEGEND

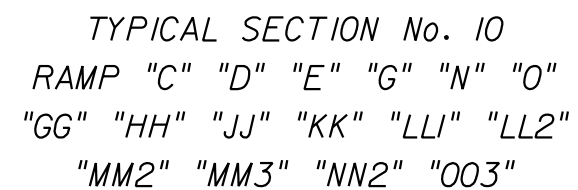
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

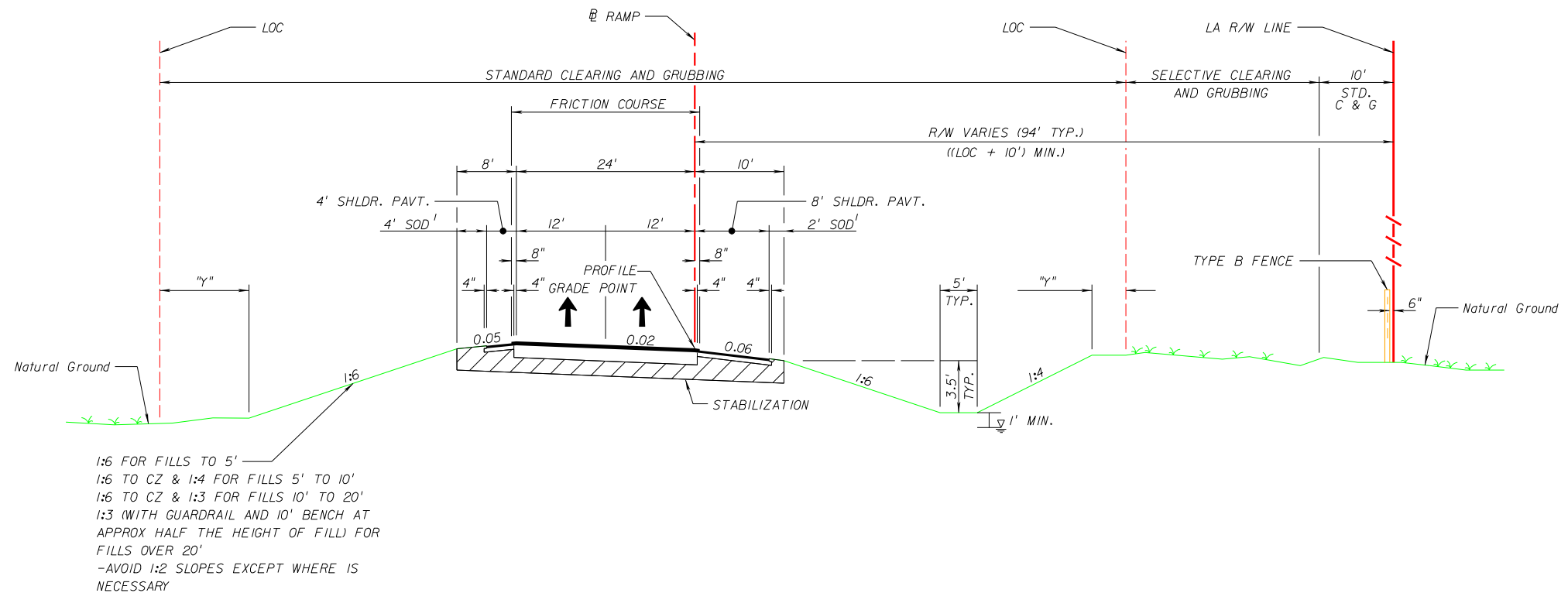
SHEET
NO.

T-13



NOTES:

- (1) FOR OOCEA PROJECT LIMITS ALL NON-PAVED/DISTURBED AREAS SHALL BE SOD ONLY.
- (2) FOR OOCEA PROJECT LIMITS, FRICTION COURSE SHALL BE PLACED 8" BEYOND THE EDGE OF TRAVEL LANE FOR SINGLE LANE RAMPS.
- (3) "Y" THE AREA DISTURBED VARIES, 2' MIN.



TYPICAL SECTION No. 11
 RAMP "F" "H" "J" "K" "L"
 "M" "P" "Q" "MMI" "NNI"
 "001" "002"

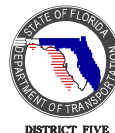
TWO LANE RAMP
 DS = 35-50 MPH

NOTES:

- (1) FOR OOCEA PROJECT LIMITS ALL NON-PAVED/DISTURBED AREAS SHALL BE SOD ONLY.
- (2) "Y" THE AREA DISTURBED VARIES, 2' MIN.

LEGEND

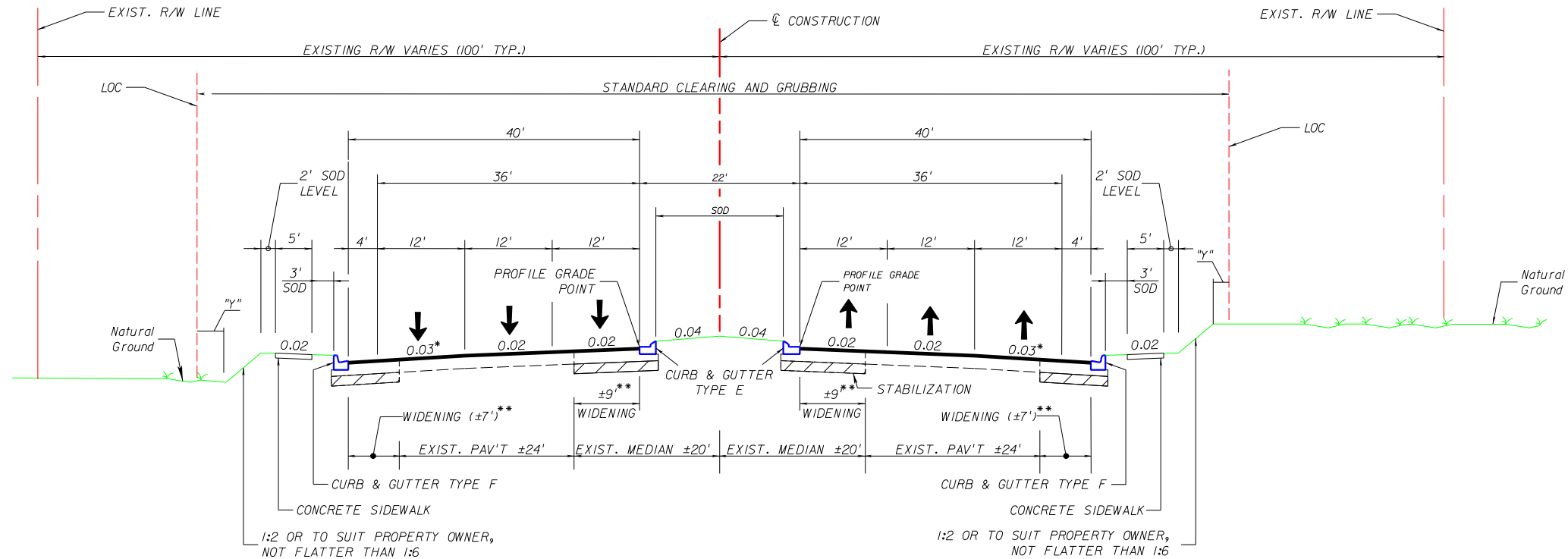
KEY MAP



PROPOSED BUILD ALTERNATIVE
 TYPICAL SECTION

SHEET
 NO.

T-15



TYPICAL SECTION No. 12
SR 46
STA. 100+00.00 TO STA. 198+98.89

6-LANE URBAN ARTERIAL
 DS = 45 MPH

* TYPICAL SLOPE ONLY, FINAL DESIGN SHALL
 VERIFY EXISTING SLOPES AND DESIGN ACCORDINGLY.

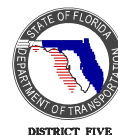
** ACTUAL OF BASE WIDENING MAY VARY DUE TO ACTUAL
 WIDTH OF EXISTING PAVMENT.

NOTES:

(1) "Y" THE AREA DISTURBED VARIES, 2' MIN.

LEGEND

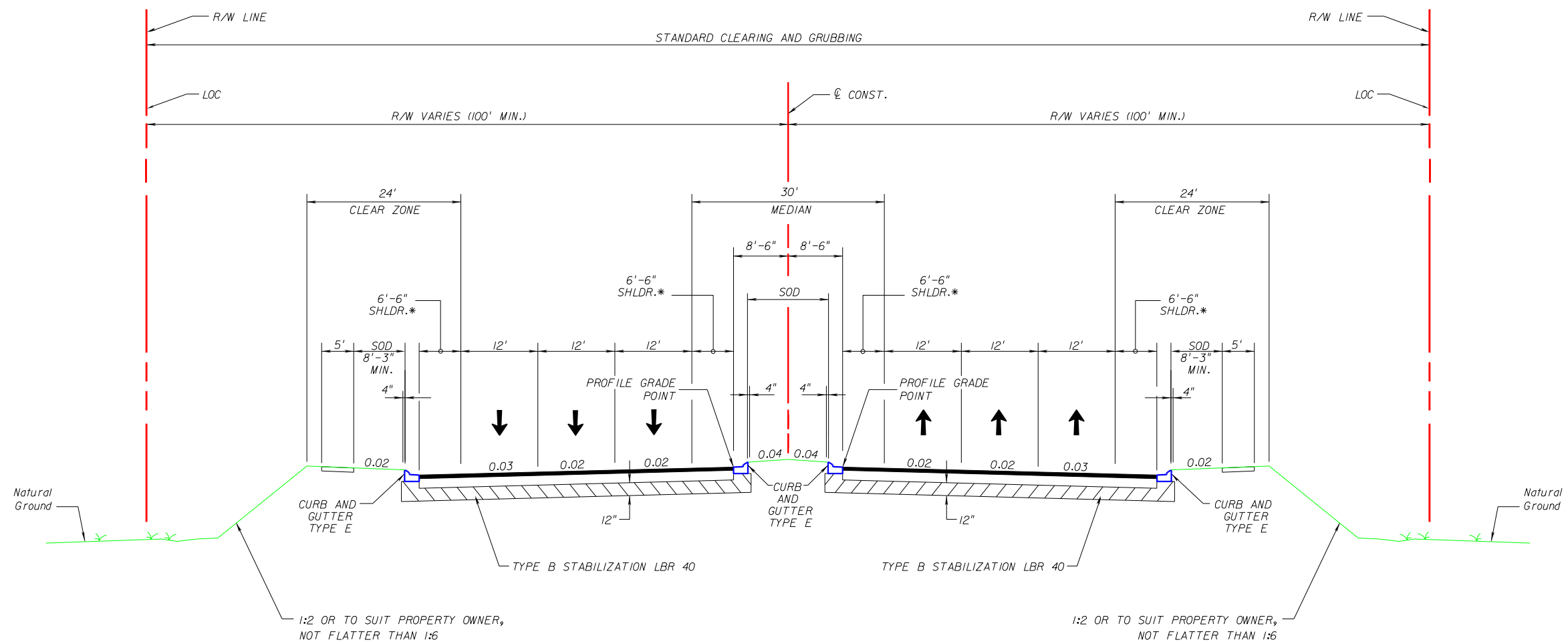
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET
NO.

T-16



TYPICAL SECTION No. 13
US 441

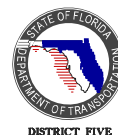
STA. 1263+66.77 TO STA. 1307+50.76

6-LANE URBAN ARTERIAL
DS = 50 MPH

NOTES:
 (1) "Y" THE AREA DISTURBED VARIES, 2' MIN.

LEGEND

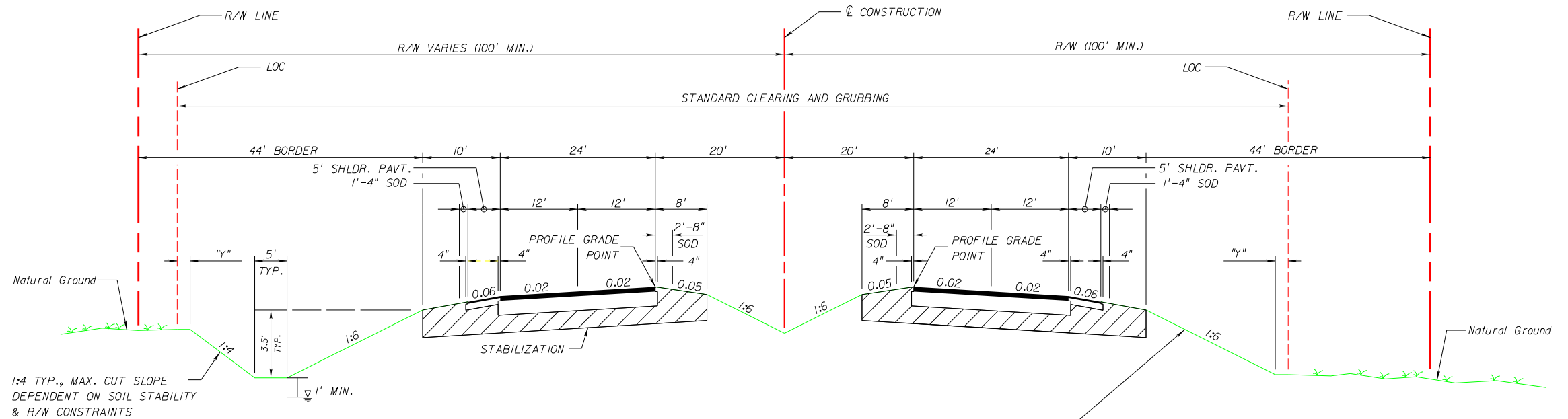
KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET NO.

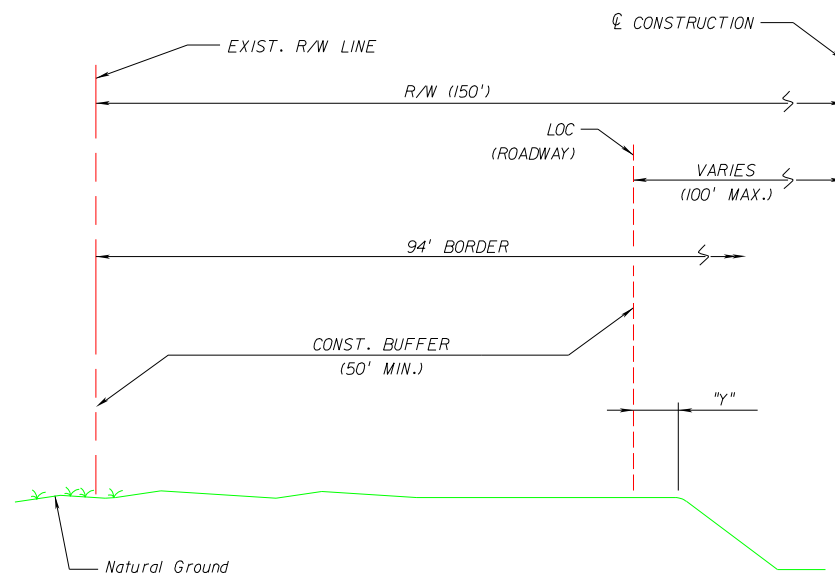
T-17



TYPICAL SECTION No. 14
CR 46A REALIGNMENT
STA. 100+00.00 TO STA. 194+81.94
SR 46/CR 46A
STA. 100+00.00 TO STA. 171+78.51

4-LANE RURAL ARTERIAL
 DS = 55 MPH

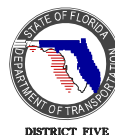
NOTES:
 (1) "Y" THE AREA DISTURBED VARIES, 2' MIN.



CR 46A REALIGNMENT
BUFFER DETAIL
STA. 110+28.45 TO STA. 136+85.80

LEGEND

KEY MAP



PROPOSED BUILD ALTERNATIVE
TYPICAL SECTION

SHEET
NO.

T-18

CURVE AND COORDINATE DATA

7/8/2010

CURVE No.	BASELINE	PC STA.	PI STA.	PT STA.	Delta			D	T	L	R	e	DESIGN SPEED	PC		PI		PT		CC	
					NORTH	EAST	NORTH							EAST	NORTH	EAST	NORTH	EAST			
429_A1-1	SR 429	86+98.37	91+80.24	96+61.85	3° 14' 50.16"	0° 20' 13.32"		481.87	963.35	17,000.00	NC	70 MPH	1,585,814.17	476,904.60	1,586,295.62	476,884.56	1,586,777.44	476,891.83	1,586,521.13	493,889.90	
429_A1-2	SR 429	108+34.44	120+78.56	133+12.98	12° 23' 33.72"	0° 30' 00.00"		1,244.12	2,478.54	11,459.16	RC	70 MPH	1,587,949.89	476,909.51	1,589,193.88	476,928.26	1,590,412.90	476,679.61	1,588,122.66	465,451.65	
429_A1-3	SR 429	176+33.28	187+64.78	198+88.97	11° 16' 42.29"	0° 30' 00.00"		1,131.50	2,255.68	11,459.16	RC	70 MPH	1,594,646.04	475,816.15	1,595,754.71	475,590.01	1,596,886.19	475,585.06	1,596,936.28	487,044.11	
429_A1-4	SR 429	221+72.92	229+95.03	238+05.99	16° 19' 50.26"	1° 00' 00.00"		822.10	1,633.06	5,729.58	0.037	70 MPH	1,599,170.13	475,575.08	1,599,992.23	475,571.49	1,600,780.14	475,336.89	1,599,145.09	469,845.56	
429_A1-5	SR 429	258+17.54	266+34.21	274+39.95	16° 13' 26.77"	1° 00' 00.00"		816.67	1,622.41	5,729.58	0.037	70 MPH	1,602,708.05	474,762.85	1,603,490.76	474,529.79	1,604,307.41	474,524.71	1,604,343.10	480,254.17	
429_A1-6	SR 429	336+24.34	381+62.47	407+78.58	89° 25' 40.98"	1° 15' 00.00"		4,538.13	7,154.24	4,583.66	0.046	70 MPH	1,610,491.68	474,486.18	1,615,029.73	474,457.91	1,615,103.30	478,995.45	1,610,520.24	479,069.75	
429_A1-7	SR 429	473+66.64	501+00.38	521+12.11	71° 10' 55.28"	1° 30' 00.00"		2,733.74	4,745.47	3,819.72	0.054	70 MPH	1,615,210.10	485,582.64	1,615,254.41	488,316.02	1,617,855.99	489,155.76	1,619,029.31	485,520.71	
429_A1-8	SR 429	590+97.88	641+03.40	677+51.19	72° 06' 39.25"	0° 50' 00.00"		5,005.51	8,653.31	6,875.49	0.032	70 MPH	1,624,504.02	491,301.62	1,629,267.53	492,839.19	1,629,267.53	497,844.70	1,622,392.04	497,844.70	
429_A1-9	SR 429	731+80.11	749+89.42	767+69.10	17° 56' 41.83"	0° 30' 00.00"		1,809.31	3,588.99	11,459.16	RC	70 MPH	1,629,267.53	503,273.62	1,629,267.53	505,082.93	1,628,710.08	506,804.22	1,617,808.38	503,273.62	
429_A1-10	SR 429	768+89.32	792+27.35	815+28.05	17° 43' 07.08"	0° 22' 55.10"		2,338.03	4,638.73	15,000.00	NC	70 MPH	1,628,673.04	506,918.59	1,627,952.69	509,142.88	1,627,943.45	511,480.89	1,642,943.34	511,540.14	
429_A1-11	SR 429	843+28.36	854+56.15	865+45.50	25° 51' 59.62"	1° 10' 00.00"		1,127.79	2,217.13	4,911.07	0.043	70 MPH	1,627,932.39	514,281.19	1,627,927.94	515,408.96	1,628,415.95	516,425.70	1,632,843.42	514,300.58	
429_A1-12	SR 429	878+60.58	890+10.01	901+13.00	28° 09' 18.86"	1° 15' 00.00"		1,149.43	2,252.42	4,583.66	0.046	70 MPH	1,628,985.01	517,611.28	1,629,482.39	518,647.53	1,629,431.95	519,795.85	1,624,852.71	519,594.72	
429_A1-13	SR 429	955+31.75	960+12.32	964+92.75	2° 24' 09.00"	0° 15' 00.00"		480.57	961.00	22,918.31	NC	60 MPH	1,629,194.17	525,209.38	1,629,173.09	525,689.49	1,629,172.14	526,170.06	1,652,090.41	526,215.06	
429_A1-14	SR 429	1001+54.14	1006+64.20	1011+60.94	22° 39' 11.14"	2° 15' 00.00"		510.06	1,006.80	2,546.48	0.062	60 MPH	1,629,164.95	529,831.44	1,629,163.95	530,341.51	1,628,966.58	530,811.83	1,626,618.48	529,826.44	
429_A1-15	SR 429	1019+91.13	1024+79.02	1029+54.37	22° 28' 32.14"	2° 20' 00.00"		487.89	963.24	2,455.53	0.064	60 MPH	1,628,645.33	531,577.35	1,628,456.53	532,027.23	1,628,454.06	532,515.12	1,630,909.56	532,527.54	
429_A1-16	SR 429	1057+22.97	1086+34.08	1111+89.70	48° 44' 41.78"	0° 53' 30.00"		2,911.10	5,466.72	6,425.69	0.027	60 MPH	1,628,440.05	535,283.68	1,628,425.31	538,194.75	1,626,227.11	540,103.26	1,622,014.44	535,251.16	
429_A1-17	SR 429	1135+63.76	1154+88.17	1172+76.92	37° 07' 53.76"	1° 00' 00.00"		1,924.41	3,713.16	5,729.58	0.037	70 MPH	1,624,434.43	541,659.70	1,622,981.29	542,921.34	1,622,584.36	544,804.37	1,628,190.74	545,986.16	
429_A1-18	SR 429	1172+76.92	1180+75.04	1188+67.38	11° 55' 42.50"	0° 45' 00.00"		798.12	1,590.46	7,639.44	0.028	70 MPH	1,622,584.36	544,804.37	1,622,419.74	545,585.32	1,622,420.09	546,383.44	1,630,059.53	546,380.09	
429_A1-19	SR 429	1188+67.38	1203+79.34	1218+73.92	15° 01' 57.72"	0° 30' 00.00"		1,511.95	3,006.54	11,459.16	RC	70 MPH	1,622,420.09	546,383.44	1,622,420.76	547,895.39	1,622,813.55	549,355.43	1,633,879.25	546,378.41	
429_A1-20	SR 429	1227+91.69	1233+95.59	1239+95.05	12° 02' 00.70"	1° 00' 00.00"		603.90	1,203.35	5,729.58	0.037	70 MPH	1,623,051.98	550,241.69	1,623,208.87	550,824.85	1,623,240.73	551,427.91	1,617,519.14	551,730.20	
SRVRD-1	Service Road	100+74.05	101+40.21	101+87.51	73° 52' 08.17"	65° 06' 31.83"		66.16	113.45	88.00	NC	Stop Condition	1,628,481.39	492,316.93	1,628,544.94	492,335.31	1,628,544.94	492,401.47	1,628,456.94	492,401.47	
SRVRD-2	Service Road	113+42.38	120+38.95	127+20.29	20° 43' 56.16"	1° 30' 16.62"		696.57	1,377.91	3,808.00	0.031	50 MPH	1,628,544.94	493,556.34	1,628,544.94	494,252.91	1,628,791.53	494,904.38	1,632,352.94	493,556.34	
SRVRD-3	Service Road	127+20.29	132+16.38	137+10.83	8° 05' 56.35"	0° 49' 03.49"		496.09	990.54	7,007.49	RC	50 MPH	1,628,791.53	494,904.38	1,628,967.14	495,368.35	1,629,075.65	495,852.43	1,622,237.80	497,385.04	
SRVRD-4	Service Road	137+10.83	138+36.89	139+62.94	1° 53' 38.04"	0° 45' 04.40"		126.07	252.11	7,627.00	RC	50 MPH	1,629,075.65	495,852.43	1,629,103.22	495,975.45	1,629,134.84	496,097.48	1,636,517.99	494,184.33	
SRVRD-5	Service Road	139+62.94	148+50.74	157+29.02	14° 31' 37.86"	0° 49' 21.24"		887.80	1,766.08	6,965.49	RC	50 MPH	1,629,134.84	496,097.48	1,629,357.53	496,956.90	1,629,357.53	497,844.70	1,622,392.04	497,844.70	
SRVRD-6	Service Road	161+87.82	162+92.36	163+96.86	3° 07' 58.60"	1° 29' 55.37"		104.55	209.04	3,823.00	0.031	50 MPH	1,629,357.53	498,303.50	1,629,357.53	498,408.05	1,629,363.25	498,512.44	1,633,180.53	498,303.50	
SRVRD-7	Service Road	166+26.24	167+31.45	168+36.60	3° 07' 58.60"	1° 29' 21.71"		105.20	210.35	3,847.00	0.031	50 MPH</									

CURVE AND COORDINATE DATA

7/8/2010

CURVE No.	BASELINE	PC STA.	PI STA.	PT STA.	Delta	D	T	L	R	e	DESIGN SPEED	PC		PI		PT		CC	
												NORTH	EAST	NORTH	EAST	NORTH	EAST	NORTH	EAST
46FR_A1-1	SR 46 FRR	125+92.96	130+75.31	135+57.52	2° 24' 09.00"	0° 14' 56.67"	482.35	964.56	23,003.31	NC	45 MPH	1,629,109.26	525,205.65	1,629,088.09	525,687.54	1,629,087.14	526,169.89	1,652,090.41	526,215.06
46FR_A1-2	SR 46 FRR	172+18.91	177+11.95	181+92.11	22° 39' 11.14"	2° 19' 39.71"	493.04	973.20	2,461.48	NC	45 MPH	1,629,079.95	529,831.28	1,629,078.99	530,324.31	1,628,888.20	530,778.94	1,626,618.48	529,826.44
46FR_A1-3	SR 46 FRR	190+22.30	195+27.08	200+18.88	22° 28' 32.14"	2° 15' 18.96"	504.78	996.58	2,540.53	NC	45 MPH	1,628,566.95	531,544.46	1,628,371.62	532,009.91	1,628,369.06	532,514.69	1,630,909.56	532,527.54
46FR_A1-4	SR 46 FRR	228+54.01	235+22.65	241+81.92	16° 35' 51.32"	1° 14' 59.67"	668.63	1,327.90	4,584.00	NC	45 MPH	1,628,361.05	535,349.70	1,628,359.11	536,018.34	1,628,166.26	536,658.56	1,623,777.07	535,336.40
46FR_A1-5	SR 46 FRR	241+81.92	243+61.34	245+40.50	5° 25' 05.05"	1° 30' 39.47"	179.43	358.58	3,792.00	NC	45 MPH	1,628,166.26	536,658.56	1,628,114.51	536,830.36	1,628,046.76	536,996.50	1,624,535.41	535,564.83
46FR_A1-6	SR 46 FRR	248+18.34	251+27.18	254+14.13	37° 13' 33.46"	6° 14' 53.44"	308.84	595.79	917.00	0.022	45 MPH	1,627,941.86	537,253.78	1,627,825.26	537,539.76	1,627,905.42	537,838.01	1,628,791.00	537,599.99
46FR_A1-7	SR 46 FRR	257+47.98	260+53.25	263+54.94	15° 10' 22.46"	2° 29' 59.34"	305.27	606.96	2,292.00	NC	45 MPH	1,627,992.08	538,160.42	1,628,071.31	538,455.22	1,628,070.63	538,760.49	1,625,778.63	538,755.33
46U_A1-1	SR 46 6-L	109+72.15	113+31.09	116+87.94	10° 44' 12.77"	1° 30' 00.00"	358.95	715.79	3,819.72	NC	45 MPH	1,628,091.44	539,732.69	1,628,090.63	540,091.63	1,628,022.97	540,444.14	1,624,271.73	539,724.09
46U_A1-2	SR 46 6-L	122+97.95	126+61.77	130+23.39	10° 52' 53.68"	1° 30' 00.00"	363.81	725.44	3,819.72	NC	45 MPH	1,627,907.97	541,043.22	1,627,839.39	541,400.51	1,627,839.49	541,764.32	1,631,659.21	541,763.27
46U_A1-3	SR 46 6-L	199+58.27	201+80.56	204+02.63	4° 26' 37.18"	1° 00' 00.00"	222.29	444.37	5,729.58	NC	45 MPH	1,627,841.40	548,699.20	1,627,841.46	548,921.49	1,627,858.74	549,143.12	1,633,570.98	548,697.62
46U_A1-4	SR 46 6-L	210+76.88	212+99.97	215+22.83	4° 27' 33.90"	1° 00' 00.00"	223.08	445.94	5,729.58	NC	45 MPH	1,627,911.17	549,815.33	1,627,928.51	550,037.73	1,627,928.51	550,260.82	1,622,198.94	550,260.82
46A_A1-1	CR 46A	129+39.74	134+98.17	140+53.08	11° 08' 00.07"	1° 00' 00.00"	558.43	1,113.34	5,729.58	0.025	55 MPH	1,631,432.15	488,897.02	1,631,990.57	488,893.98	1,632,539.06	488,998.82	1,631,463.37	494,626.52
46A_A1-2	CR 46A	153+15.30	162+63.50	170+94.96	48° 56' 26.14"	2° 45' 00.00"	948.19	1,779.66	2,083.48	0.063	55 MPH	1,633,778.84	489,235.79	1,634,710.17	489,413.81	1,635,456.14	488,828.49	1,634,170.00	487,189.36
46A_A1-3	CR 46A	181+14.31	187+54.01	193+81.94	19° 00' 52.05"	1° 30' 00.00"	639.70	1,267.63	3,819.72	0.037	55 MPH	1,636,258.09	488,199.24	1,636,761.36	487,804.35	1,637,365.82	487,594.98	1,638,616.02	491,204.31
46A2_A1-1	46A/46	100+00.00	104+19.84	108+26.53	24° 47' 39.15"	2° 59' 59.20"	419.84	826.53	1,910.00	0.067	55 MPH	1,628,001.41	486,866.11	1,628,252.02	487,202.94	1,628,338.27	487,613.83	1,626,469.01	488,006.22
46A2_A1-2	46A/46	111+88.59	114+89.81	117+88.82	12° 00' 13.44"	1° 59' 59.47"	301.22	600.23	2,865.00	0.048	55 MPH	1,628,412.65	487,968.17	1,628,474.53	488,262.96	1,628,473.75	488,564.18	1,625,608.76	488,556.75
46A2_A1-3	46A/46	149+95.25	156+28.79	162+18.71	36° 42' 04.01"	2° 59' 59.20"	633.54	1,223.46	1,910.00	0.067	55 MPH	1,628,485.44	491,770.64	1,628,483.80	492,404.18	1,628,103.86	492,911.15	1,626,575.45	491,765.69
CONNECT_C-1	Connector	101+21.35	103+49.47	105+69.21	26° 52' 10.85"	05° 59' 58.41"	228.13	447.86	955.00	0.07	40 MPH	1,629,482.21	498,460.49	1,629,710.13	498,450.82	1,629,909.08	498,339.17	1,629,441.71	497,506.35
C-1	Ramp C	13+75.80	21+78.64	29+78.86	8° 00' 37.87"	0° 29' 58.93"	802.84	1,603.06	11,466.00	NC	50 MPH	1,587,402.10	477,038.41	1,588,204.84	477,050.96	1,589,001.49	476,951.51	1,587,581.25	465,573.81
D-1	Ramp D	12+21.57	13+80.09	15+38.43	4° 45' 09.15"	1° 30' 00"	158.52	316.86	3,820.00	0.03	50 MPH	1,587,192.71	476,750.34	1,587,351.17	476,746.05	1,587,509.44	476,754.90	1,587,296.11	480,568.94
D-2	Ramp D	23+11.88	27+60.37	32+08.39	4° 30' 27.89"	0° 30' 10.11"	448.49	896.51	11,395.16	NC	50 MPH	1,588,281.68	476,798.09	1,588,729.47	476,823.14	1,589,177.84	476,812.91	1,588,918.04	465,420.72
E-1	Ramp E	10+00.00	12+15.90	14+31.59	4° 18' 57.10"	1° 00' 00.00"	215.90	431.59	5,729.58	0.021	50 MPH	1,606,218.18	474,444.80	1,606,434.07	474,443.46	1,606,649.25	474,425.87	1,606,182.49	468,715.33
E-2	Ramp E	25+26.92	27+13.03	28+99.01	3° 43' 15.46"	1° 00' 00.00"	186.11	372.10	5,729.58	0.021	50 MPH	1,607,740.94	474,336.64	1,607,926.43	474,321.47	1,608,112.52	474,318.38	1,608,207.70	480,047.17
F-1	Ramp F	25+47.19	27+61.66	29+75.82	5° 21' 28.40"	1° 15' 00.00"	214.47	428.63	4,583.66	0.026	50 MPH	1,607,750.56	474,679.19	1,607,964.60	474,692.81	1,608,178.97	474,686.40	1,608,041.81	470,104.79
G-1	Ramp G	17+15.34	19+02.25	20+88.63	7° 27' 57.15"	2° 00' 00.00"	186.91	373.29	2,864.79	0.040	50 MPH	1,608,894.84	474,687.70	1,609,081.69	474,682.80	1,609,266.32	474,653.66	1,608,819.75	471,823.89
G-2	Ramp G	23+56.98	27+02.07	30+45.86	8° 36' 39.65"	1° 15' 00.00"	345.09	688.88	4,583.66	0.026	50 MPH	1,609,531.38	474,611.83	1,609,872.25	474,5				

CURVE AND COORDINATE DATA

7/8/2010

CURVE No.	BASELINE	PC STA.	PI STA.	PT STA.	Delta			D	T	L	R	e	DESIGN SPEED	PC		PI		PT		CC	
					NORTH	EAST	NORTH							EAST	NORTH	EAST	NORTH	EAST			
GG-1	Ramp GG	15+62.01	19+06.78	22+49.69	10° 18'	52.01"	1° 29'	59.60"	344.77	687.68	3,820.00	0.031	50 MPH	1,624,517.14	541,693.84	1,624,256.80	541,919.87	1,624,041.14	542,188.86	1,627,021.53	544,578.36
GG-2	Ramp GG	22+49.69	24+74.36	26+96.98	13° 25'	04.24"	2° 59'	59.20"	224.68	447.29	1,910.00	0.057	50 MPH	1,624,041.14	542,188.86	1,623,900.60	542,364.16	1,623,804.57	542,567.28	1,625,531.33	543,383.61
GG-3	Ramp GG	26+96.98	29+15.14	31+31.41	13° 03'	07.94"	3° 00'	16.11"	218.16	434.43	1,907.01	0.057	50 MPH	1,623,804.57	542,567.28	1,623,713.89	542,765.69	1,623,670.36	542,979.46	1,625,539.02	543,359.98
GG-4	Ramp GG	34+66.51	37+04.71	39+33.84	27° 21'	00.91"	5° 51'	08.93"	238.20	467.33	979.00	0.091	50 MPH	1,623,602.52	543,307.61	1,623,551.97	543,540.39	1,623,400.13	543,723.92	1,622,645.82	543,099.84
HH-1	Ramp HH	20+20.37	24+68.18	29+08.79	17° 46'	01.41"	1° 59'	59.47"	447.80	888.42	2,865.00	0.040	50 MPH	1,624,066.40	541,810.81	1,623,708.60	542,080.09	1,623,450.04	542,445.70	1,625,789.20	544,099.95
HH-2	Ramp HH	32+63.30	34+24.25	35+79.93	25° 20'	13.53"	8° 00'	07.93"	160.94	316.63	716.00	0.100	50 MPH	1,623,245.35	542,735.15	1,623,152.42	542,866.55	1,623,012.19	542,945.55	1,622,660.76	542,321.73
JJ-1	Ramp JJ	11+03.69	13+51.34	15+80.54	38° 09'	30.10"	8° 00'	07.93"	247.65	476.85	716.00	0.100	50 MPH	1,622,845.97	543,096.23	1,622,678.41	543,278.58	1,622,659.31	543,525.49	1,623,373.18	543,580.71
JJ-2	Ramp JJ	20+64.76	23+33.36	26+01.57	5° 22'	03.62"	0° 59'	59.73"	268.60	536.81	5,730.00	0.021	50 MPH	1,622,621.97	544,008.27	1,622,601.25	544,276.07	1,622,555.58	544,540.76	1,616,909.03	543,566.39
JJ-3	Ramp JJ	31+38.07	35+80.11	40+21.18	6° 33'	53.52"	0° 44'	36.18"	442.04	883.11	7,707.44	RC	50 MPH	1,622,464.35	545,069.45	1,622,389.18	545,505.05	1,622,364.30	545,946.39	1,630,059.53	546,380.09
KK-1	Ramp KK	12+08.01	13+69.45	15+28.70	16° 19'	58.26"	5° 05'	34.65"	161.44	320.69	1,125.00	0.084	50 MPH	1,623,154.91	543,897.07	1,623,032.65	544,002.50	1,622,944.96	544,138.05	1,623,889.54	544,749.10
KK-2	Ramp KK	15+28.70	16+88.79	18+46.76	16° 05'	00.91"	5° 03'	24.43"	160.08	318.06	1,133.05	0.084	50 MPH	1,622,944.96	544,138.05	1,622,849.29	544,266.40	1,622,792.93	544,416.23	1,623,853.43	544,815.16
KK-3	Ramp KK	21+84.44	24+71.47	27+58.23	4° 20'	37.45"	0° 45'	25.33"	287.03	573.78	7,568.44	RC	50 MPH	1,622,696.65	544,739.90	1,622,614.81	545,015.01	1,622,554.05	545,295.53	1,629,950.93	546,897.81
LL1-1	Ramp LL1	10+00.00	15+02.46	20+02.41	9° 54'	05.14"	0° 59'	15.94"	502.46	1,002.41	5,800.58	0.021	50 MPH	1,623,924.71	542,077.97	1,623,560.26	542,423.86	1,623,260.72	542,827.27	1,627,917.83	546,285.31
LL1-2	Ramp LL1	26+92.43	30+22.38	33+41.02	25° 57'	03.07"	4° 00'	03.97"	329.96	648.59	1,432.00	0.072	50 MPH	1,622,819.06	543,357.08	1,622,604.35	543,607.62	1,622,301.66	543,738.95	1,621,731.70	542,425.26
LL1-3	Ramp LL1	46+23.12	52+10.14	57+37.32	44° 34'	48.65"	4° 00'	03.97"	587.02	1,114.20	1,432.00	0.072	50 MPH	1,621,125.49	544,249.25	1,620,586.97	544,482.89	1,620,039.41	544,271.32	1,620,555.53	542,935.56
LL1-4	Ramp LL1	64+31.28	66+26.75	68+22.13	2° 56'	26.84"	0° 45'	08.66"	195.47	390.85	7,615.00	RC	50 MPH	1,619,392.09	544,021.20	1,619,209.75	543,950.75	1,619,031.28	543,871.04	1,622,136.68	536,918.00
LL2-1	Ramp LL2	15+87.01	17+62.83	19+38.20	7° 03'	36.49"	2° 00'	37.36"	175.81	351.18	2,850.00	0.040	50 MPH	1,622,842.63	543,415.50	1,622,737.81	543,556.65	1,622,651.15	543,709.62	1,625,130.81	545,114.54
LL2-2	Ramp LL2	19+38.20	20+00.70	20+63.18	2° 31'	00.92"	2° 00'	49.50"	62.50	124.99	2,845.23	0.040	50 MPH	1,622,651.15	543,709.62	1,622,622.53	543,765.19	1,622,596.39	543,821.96	1,625,180.73	545,012.14
LL2-3	Ramp LL2	20+63.18	26+29.95	31+41.12	43° 44'	24.92"	4° 03'	27.99"	566.77	1,077.94	1,412.00	0.073	50 MPH	1,622,596.39	543,821.96	1,622,338.89	544,326.86	1,622,501.93	544,869.67	1,623,854.24	544,463.48
LL2-4	Ramp LL2	31+41.12	37+51.03	43+42.76	24° 11'	59.48"	2° 00'	50.08"	609.91	1,201.63	2,845.00	0.040	50 MPH	1,622,501.93	544,869.67	1,622,677.38	545,453.80	1,623,076.86	545,914.67	1,625,226.67	544,051.25
LL2-5	Ramp LL2	43+42.76	48+11.36	52+61.45	27° 51'	01.28"	3° 01'	53.48"	468.61	918.69	1,890.00	0.058	50 MPH	1,623,076.86	545,914.67	1,623,383.79	546,268.78	1,623,820.59	546,438.48	1,624,505.03	544,676.76
MM1-1-1	Ramp MM1-1	106+52.40	108+27.73	110+02.62	7° 00'	13.94"	1° 59'	59.47"	175.33	350.22	2,865.00	0.040	50 MPH	1,619,629.45	544,455.27	1,619,784.16	544,537.76	1,619,927.65	544,638.50	1,618,281.46	546,983.34
MM1-1-2	Ramp MM1-1	113+90.60	115+97.77	118+02.08	16° 27'	48.70"	4° 00'	03.97"	207.16	411.47	1,432.00	0.072	50 MPH	1,620,245.19	544,861.43	1,620,414.75	544,980.46	1,620,611.08	545,046.57	1,621,068.00	543,689.42
MM1-2-1	Ramp MM1-2	128+14.30	132+25.35	136+33.24	12° 16'	59.62"	1° 29'	59.60"	411.05	818.94	3,820.00	0.031	50 MPH	1,621,578.05	545,346.80	1,621,967.61	545,477.96	1,622,320.35	545,688.99	1,620,359.17	548,967.12
MM1-2-2	Ramp MM1-2	142+11.70	149+03.39	155+89.47	12° 37'	46.59"	0° 55'	00.00"	691.69	1,377.78	6,250.45	RC	50 MPH	1,622,816.76	545,985.97	1,623,410.33	546,341.08	1,624,067.19	546,557.81	1,626,025.72	540,622.14
MM1-2-3	Ramp MM1-2	161+73.70	164+61.64	167+49.19	5° 03'	31.63"	0° 52'	44.54"	287.93	575.49	6,518.00	RC	50 MPH	1,624,622.00	546,740.88	1,624,895.43	546,831.10	1,625,159.84	546,945.08	1,622,579.63	552,930.63
MM1-3-1	Ramp MM1-3	181+98.90	186+70.83	191+38.00	14° 05'	07.93"	1° 29'	59.60"	471.93	939.10	3,820										

7/8/2010

LEGEND



WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

WEKIVA PARKWAY (SR 429)

PROPOSED BUILD ALTERNATIVE
CURVE & COORDINATE DATA

SHEET
NO.

CC04