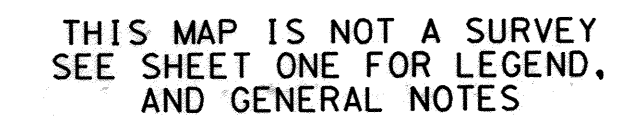


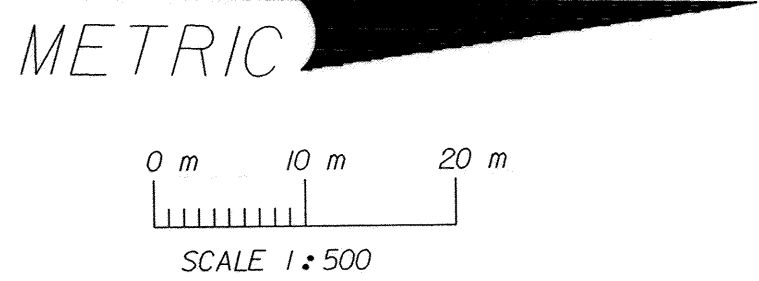
METRIC



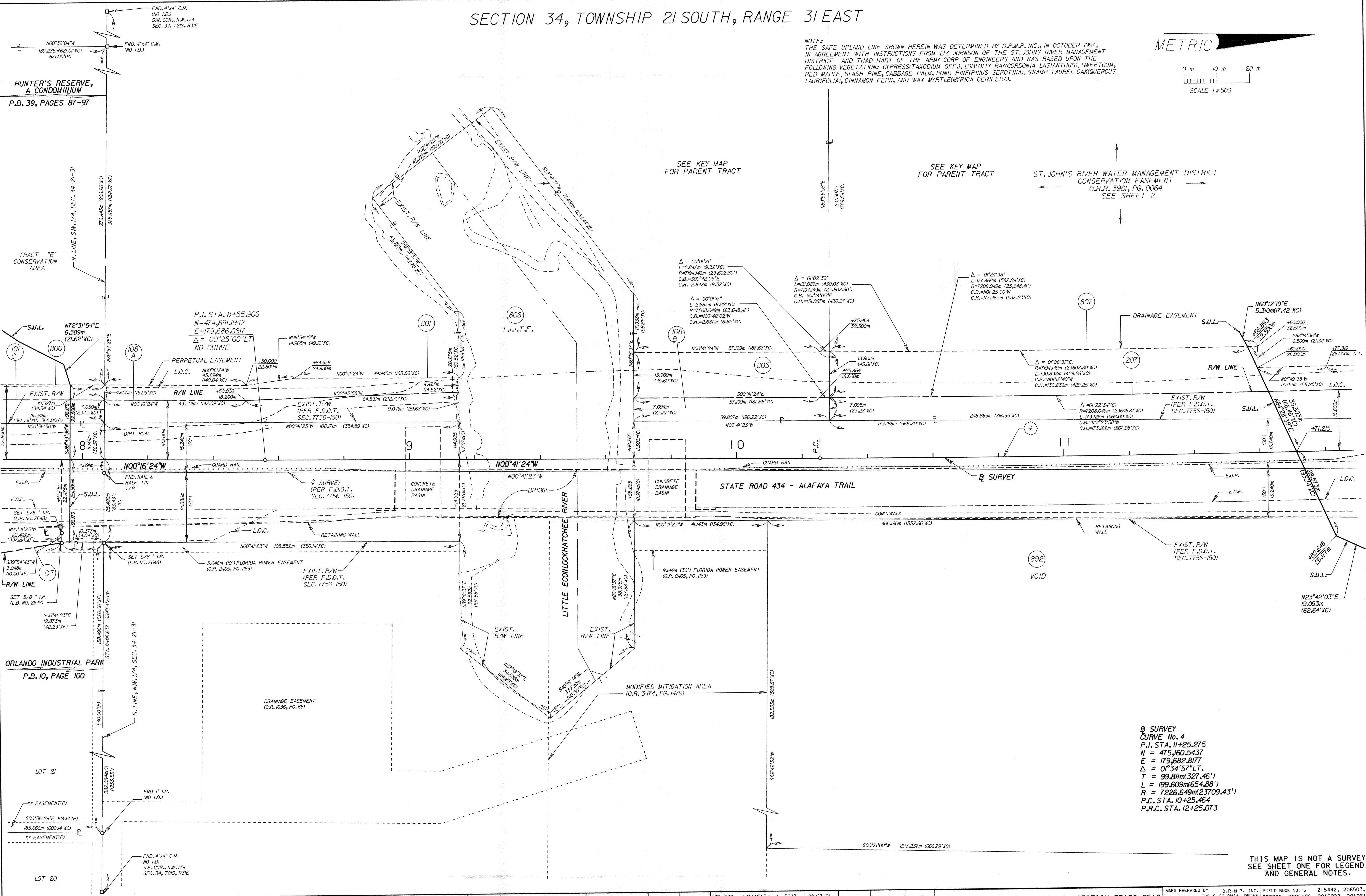
MAPS PREPARED BY	D.R.M.P. INC.	FIELD BOOK NO.'S
	1505 E.COLONIAL DRIVE	200989, 2005696, 2010022, 201021
	ORLANDO, FL 32803	
W.P.I. NO. 5117665	SCALE: 1 : 500	
FPN 240167 I	SHEET 5 OF 25	

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 34, TOWNSHIP 21 SOUTH, RANGE 31 EAST



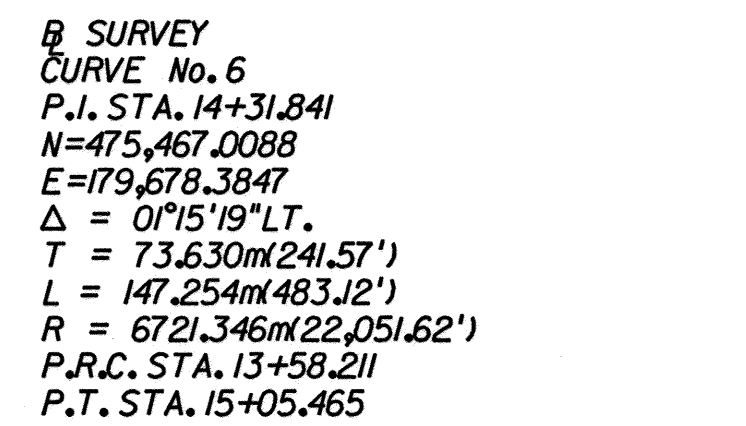
NOTE:
THE SAFE UPLAND LINE SHOWN HEREIN WAS DETERMINED BY D.R.M.P. INC., IN OCTOBER 1997, IN AGREEMENT WITH INSTRUCTIONS FROM LIZ JOHNSON OF THE ST. JOHN'S RIVER MANAGEMENT DISTRICT AND THAD HART OF THE ARMY CORP OF ENGINEERS AND WAS BASED UPON THE FOLLOWING VEGETATION: CYPRESS(TAXODIUM SPP.), LOBLOLLY BAY(GORDONIA LASIANTHUS), SWEETGUM, RED MAPLE, SLASH PINE, CABBAGE PALM, POND PINE(PINUS SEROTINA), SWAMP LAUREL OAK(QUERCUS LAURIFOLIA), CINNAMON FERN, AND WAX MYRTLE(MYRICA CERIFERA).



METRIC

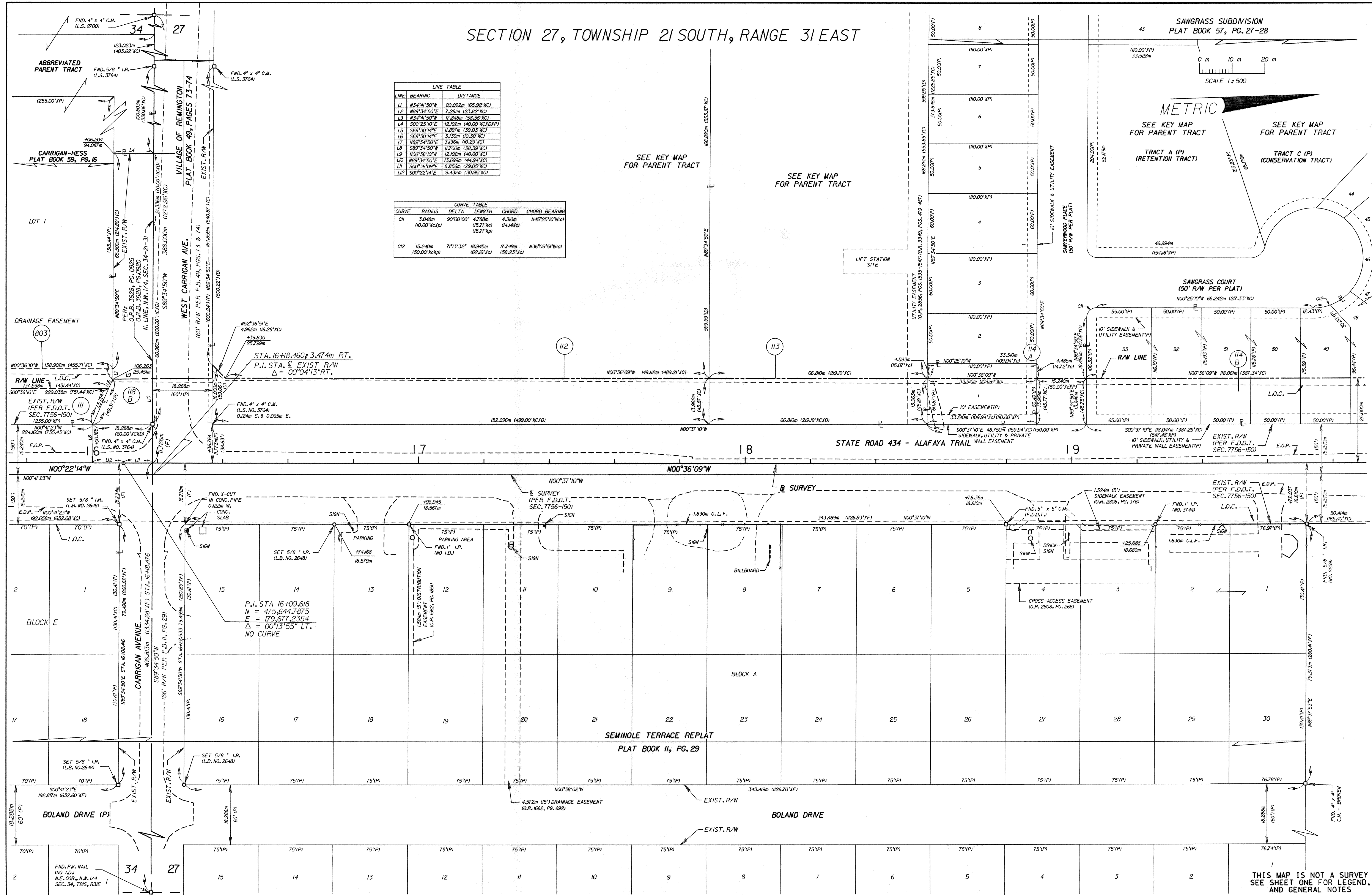


ST. JOHN'S
RIVER WATER
— MANAGEMENT DISTRICT —
CONSERVATION EASEMENT
O.R.B. 3981, PG. 0064
SEE SHEET 2



S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 27, TOWNSHIP 21 SOUTH, RANGE 31 EAST



THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
FOR DISTRICT SECRETARY

DATE
4-30-99
RESTORE P. 803,
REMOVE P. 809
ADD PLAT & PAR. 809
ADD NEW PLAT 57/27
REVISED PARCEL 114
REVISION

BY
S. MILLER
S. MILLER
A. RUPP
DATE
09/17/01
08/14/01
01/26/01

DATE
05/08/00
02/22/00
02/01/00
11-10-99
9-28-99
BY
P. McCRAY
P. McCRAY
P. McCRAY
S. WALKER
K. JOHNS
DATE

FINAL
D. HOLT
A. SCHAEFER
11/3/97
11/5/97

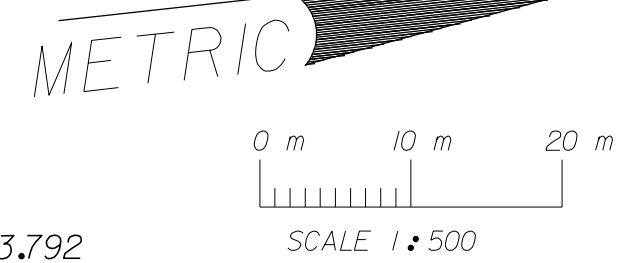
F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434
SEMINOLE COUNTY
FPN 240167 I
SHEET 8 OF 25

S.R. 434 FROM MCCULLOUGH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 27, TOWNSHIP 21 SOUTH, RANGE 31 EAST

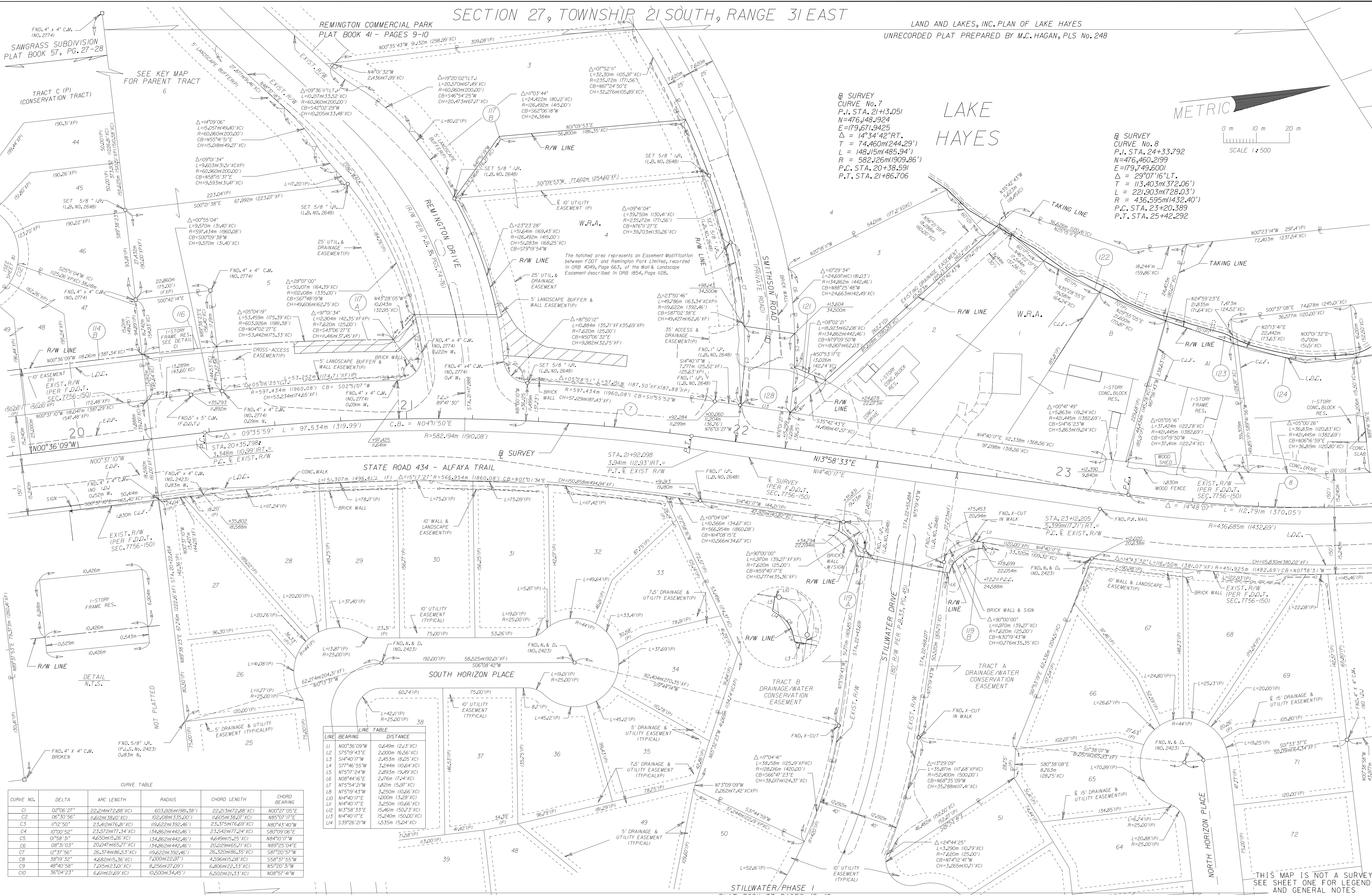
LAND AND LAKES, INC. PLAN OF LAKE HAYES
UNRECORDED PLAT PREPARED BY M.C. HAGAN, PLS No. 248

LAKE
HAYES



8 SURVEY
CURVE No. 7
P.I. STA. 21+13.051
N=476,148.924
E=179,671.9425
T = 14°34'42"RT.
L = 74.460m(244.29')
R = 582.26m(1909.86')
P.C. STA. 20+38.591
P.T. STA. 21+86.706

8 SURVEY
CURVE No. 8
P.I. STA. 24+33.792
N=476,460.2199
E=179,749.6001
T = 29°07'16"LT.
L = 113.403m(372.06')
R = 221.903m(728.03')
P.C. STA. 23+20.389
P.T. STA. 25+42.292



CURVE TABLE

CURVE NO.	DELTA	ARC LENGTH	RADIUS	CHORD LENGTH	CHORD BEARING
C1	02°06'27"	22.24m(72.88') (X)	603.92m(1981.38')	22.21m(72.88') (X)	N00°27'05"E
C2	06°30'56"	11.61m(38.00') (X)	102.08m(335.00')	11.60m(38.00') (X)	N85°07'17"E
C3	17°12'50"	23.41m(76.81') (X)	119.62m(392.46')	23.37m(76.69') (X)	N80°43'40"W
C4	10°00'52"	23.57m(77.34') (X)	134.86m(442.46')	23.54m(77.24') (X)	S80°09'06"E
C5	07°58'31"	4.65m(15.26') (X)	134.86m(442.46')	4.64m(15.25') (X)	N84°10'17"W
C6	08°31'03"	20.04m(65.71') (X)	134.86m(442.46')	20.02m(65.71') (X)	N89°25'04"E
C7	12°37'56"	26.31m(86.33') (X)	119.62m(392.46')	26.30m(86.33') (X)	S87°20'57"W
C8	38°19'32"	4.82m(15.86') (X)	12.00m(39.37') (X)	4.59m(15.08') (X)	S58°37'55"W
C9	48°40'58"	7.05m(23.00') (X)	6.25m(20.50') (X)	6.80m(22.33') (X)	N51°20'31"W
C10	36°04'23"	6.61m(21.69') (X)	10.50m(34.45') (X)	6.50m(21.33') (X)	N08°57'41"W

LINE TABLE

LINE	BEARING	DISTANCE
L1	N00°36'09"W	0.649m(2.13') (X)
L2	S75°19'43"E	2.000m(6.56') (X)
L3	S14°40'17"W	2.453m(8.05') (X)
L4	S77°16'55"W	3.244m(10.64') (X)
L5	N75°17'24"W	2.893m(9.49') (X)
L6	N08°44'16"E	2.76m(9.07') (X)
L7	N75°54'21"W	1.821m(5.97') (X)
L8	N75°19'43"W	3.250m(10.66') (X)
L9	N4°40'17"E	1.200m(3.94') (X)
L10	N13°58'33"E	15.46m(50.73') (X)
L11	N14°40'17"E	15.240m(50.00') (X)
L12	S39°26'21"W	1.535m(5.04') (X)

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

SECTION 27, TOWNSHIP 21 SOUTH, RANGE 31 EAST

METRIC

0 m 10 m 20 m
SCALE 1:500

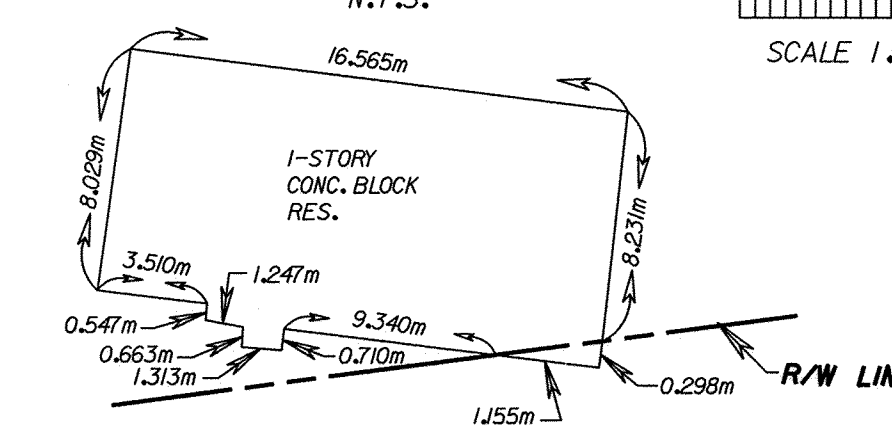
LAKE HAYES

LAND AND LAKES, INC.
PLAN OF LAKE HAYES
UNRECORDED PLAT PREPARED BY
M.C. HAGAN, PLS. No. 248

B SURVEY
CURVE No. 8
P.I.=STA. 24+33.792
N = 476,460.2199
E = 179,749.6001
Δ = 29°07'16"LT.
T = 113.403m(372.06')
L = 221.903m(728.03')
R = 436.595m(1432.40')
P.C.=STA. 23+20.389
P.T.=STA. 25+42.292

B SURVEY
CURVE No. 9
P.I.=STA. 27+54.720
N = 476,774.7344
E = 179,664.4712
Δ = 14°28'48"RT.
T = 74.387m(244.05')
L = 147.982m(485.50')
R = 585.546m(1921.08')
P.C.=STA. 26+80.333
P.T.=STA. 28+28.315

DETAIL "B"
N.T.S.

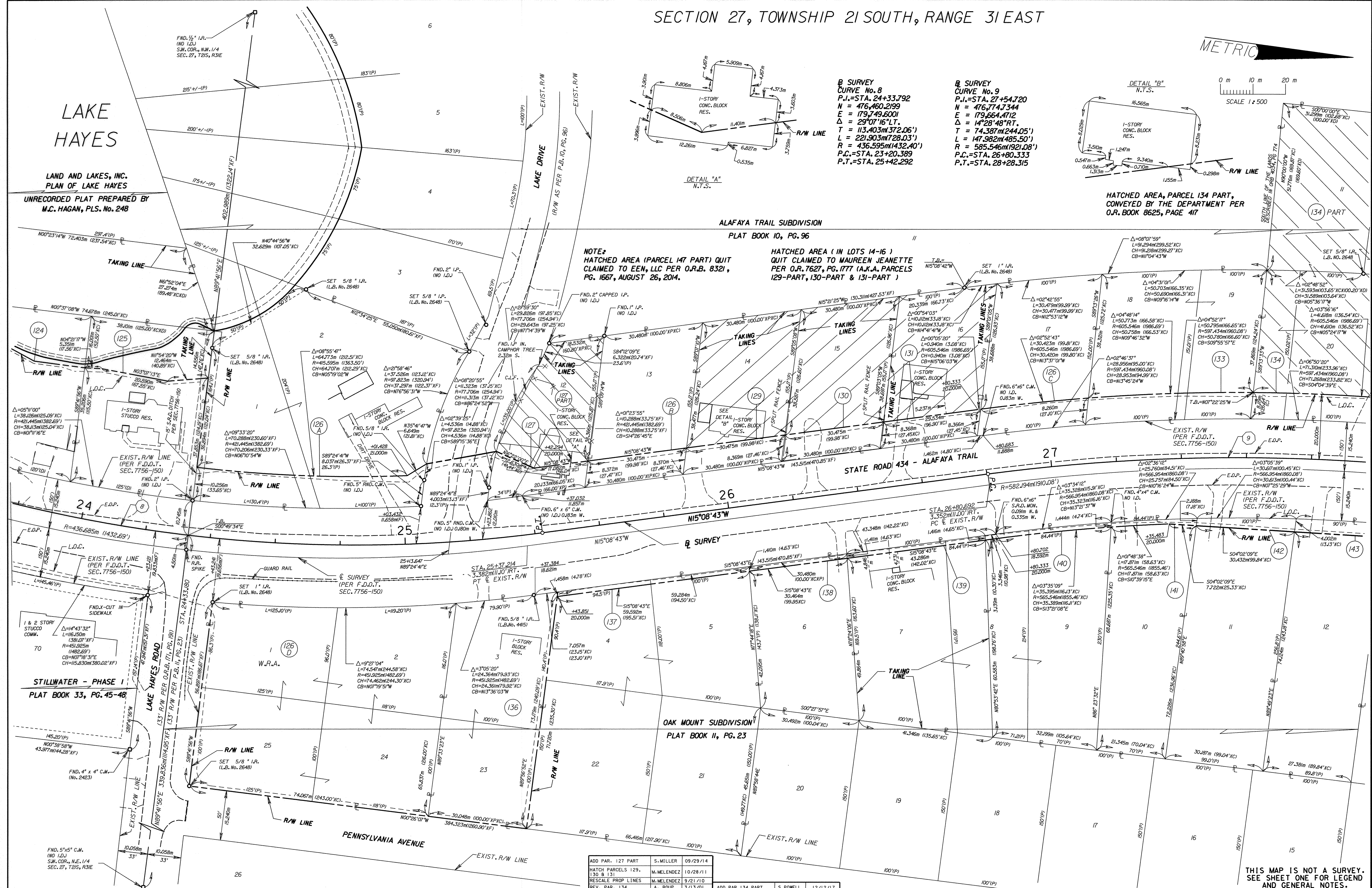


HATCHED AREA, PARCEL 134 PART,
CONVEYED BY THE DEPARTMENT PER
O.R. BOOK 8625, PAGE 417

ALAFAYA TRAIL SUBDIVISION
PLAT BOOK 10, PG. 96

NOTE:
HATCHED AREA (PARCEL 147 PART) QUIT
CLAIMED TO EEN, LLC PER O.R.B. 8321,
PG. 1667, AUGUST 26, 2014.

HATCHED AREA (IN LOTS 14-16)
QUIT CLAIMED TO MAUREN JEANNETTE
PER O.R. 7627, PG. 1777 (A.K.A. PARCELS
129-PART, 130-PART & 131-PART)



ADD PAR. 127 PART	S. MILLER	09/29/14
HATCH PARCELS 129, 130 & 131	M. MELENDEZ	10/28/11
RESCALE PROP LINES	M. MELENDEZ	9/21/10
REV. PAR. 134	A. ROUP	3/13/01
PAR. 134-TAKING LINE	A. ROUP	3/05/01
Revise Parcel 139	A. ROUP	11/28/00
Add Taking Line P.130	A. ROUP	5/31/00
Add Taking Lines Par. 121	P. MCGRAY	5/31/00
REVISION	BY	DATE
ADD PAR. 134 PART	S. POWELL	12/12/17
Add Taking Lines Par. 129, 131	S. Walker	3/17/00
Added Deed Info & Rev Station Plus	D. Motter	1/20/2000
REV. BLOCK CORNERS	A. SCHAEFER	12-05-99
Revised Note	K. Johns	5-25-99
REVISION	BY	DATE

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
FOR DISTRICT SECRETARY

DATE
4/30/99

PRELIM
S. LOWE
10/15/97

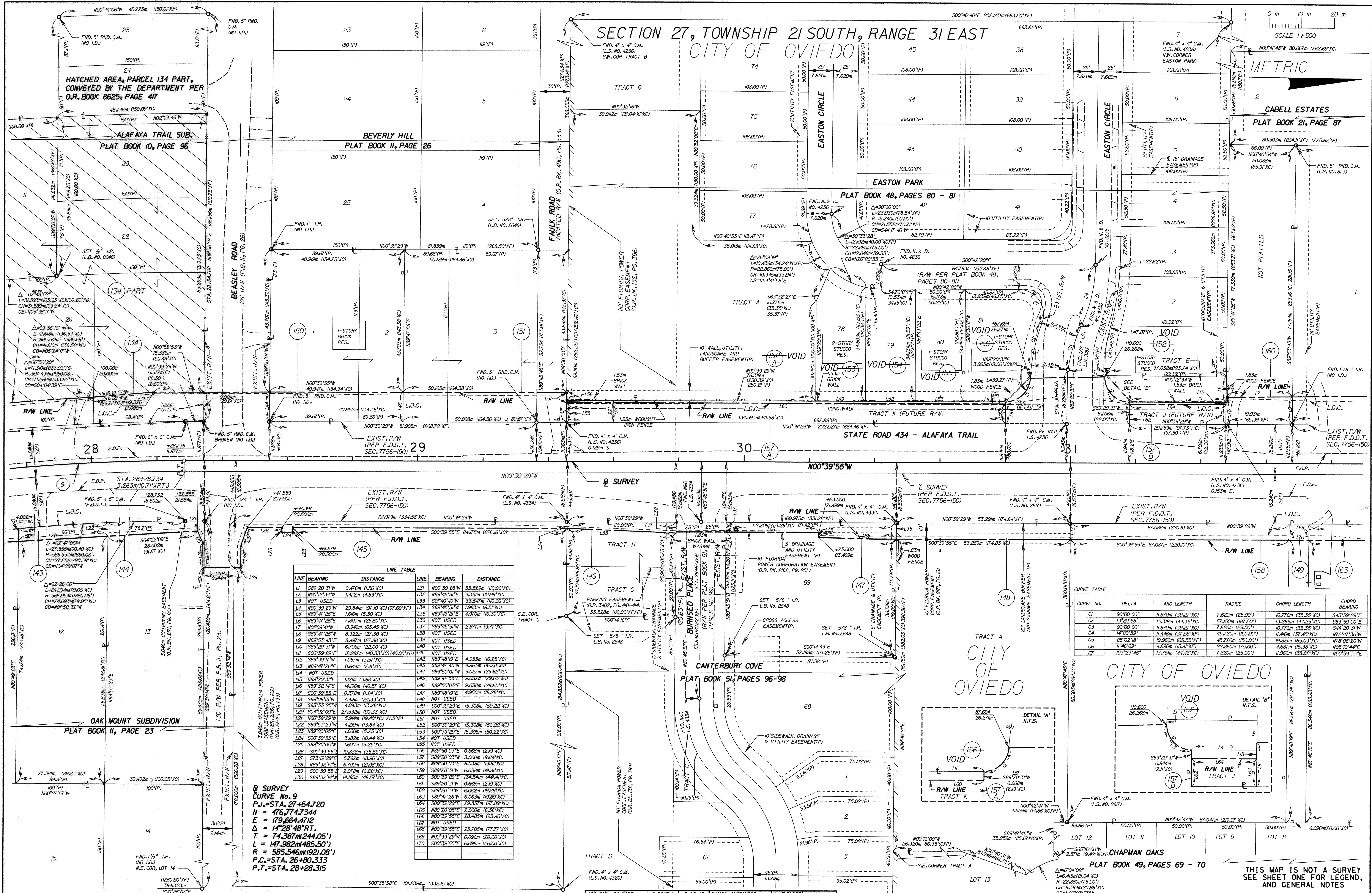
FINAL
D. HOLT
11/3/97

STATE ROAD NO. 434
SEMINOLE COUNTY
FPN 240167 I

MAPS PREPARED BY
D.R.M.P., INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
FIELD BOOK NO. 5
200989, 2005696, 2010022, 201021
SCALE: 1:500
SHEET 10 OF 25

THIS MAP IS NOT A SURVEY.
SEE SHEET ONE FOR LEGEND
AND GENERAL NOTES.

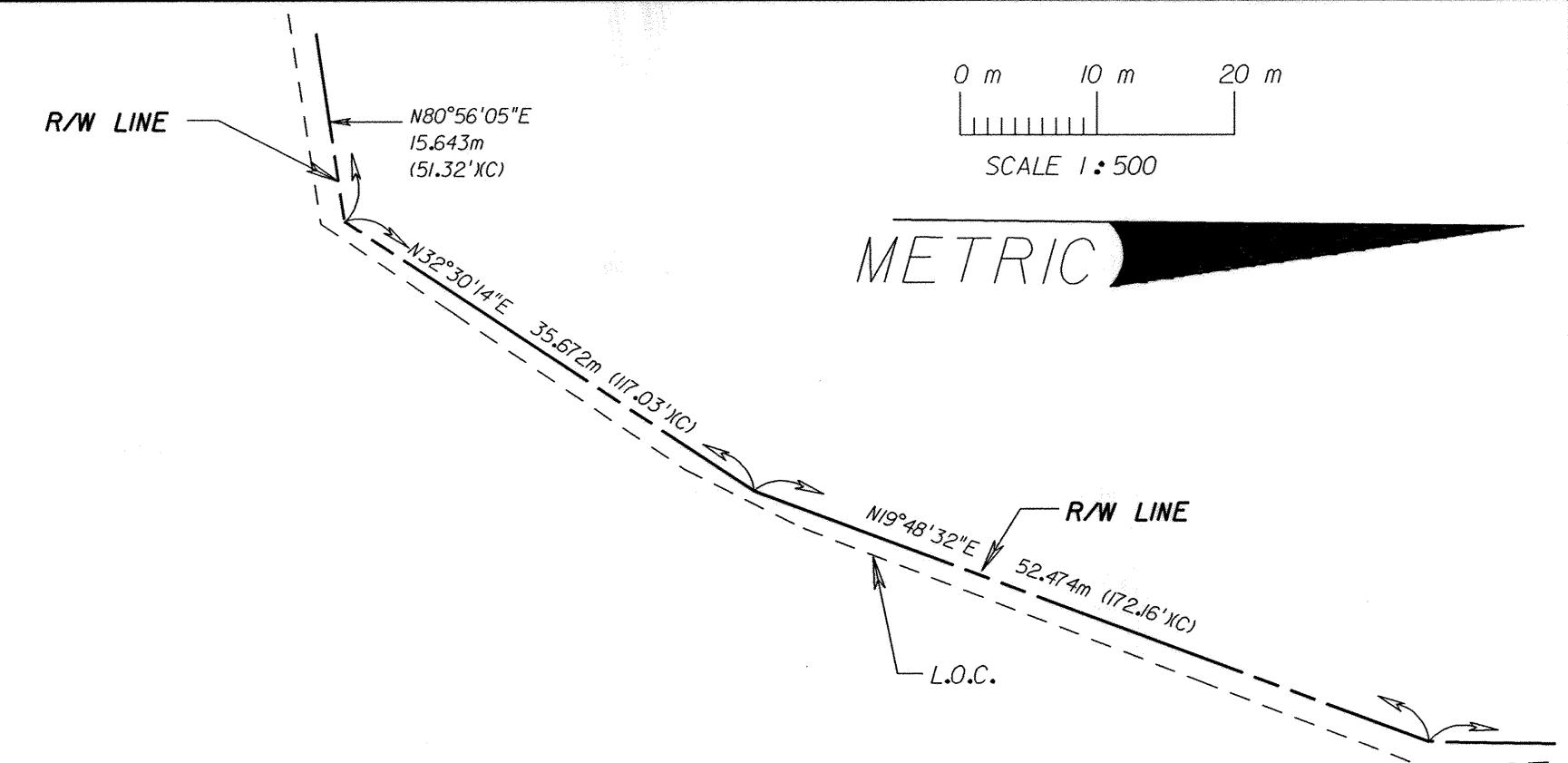
S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD



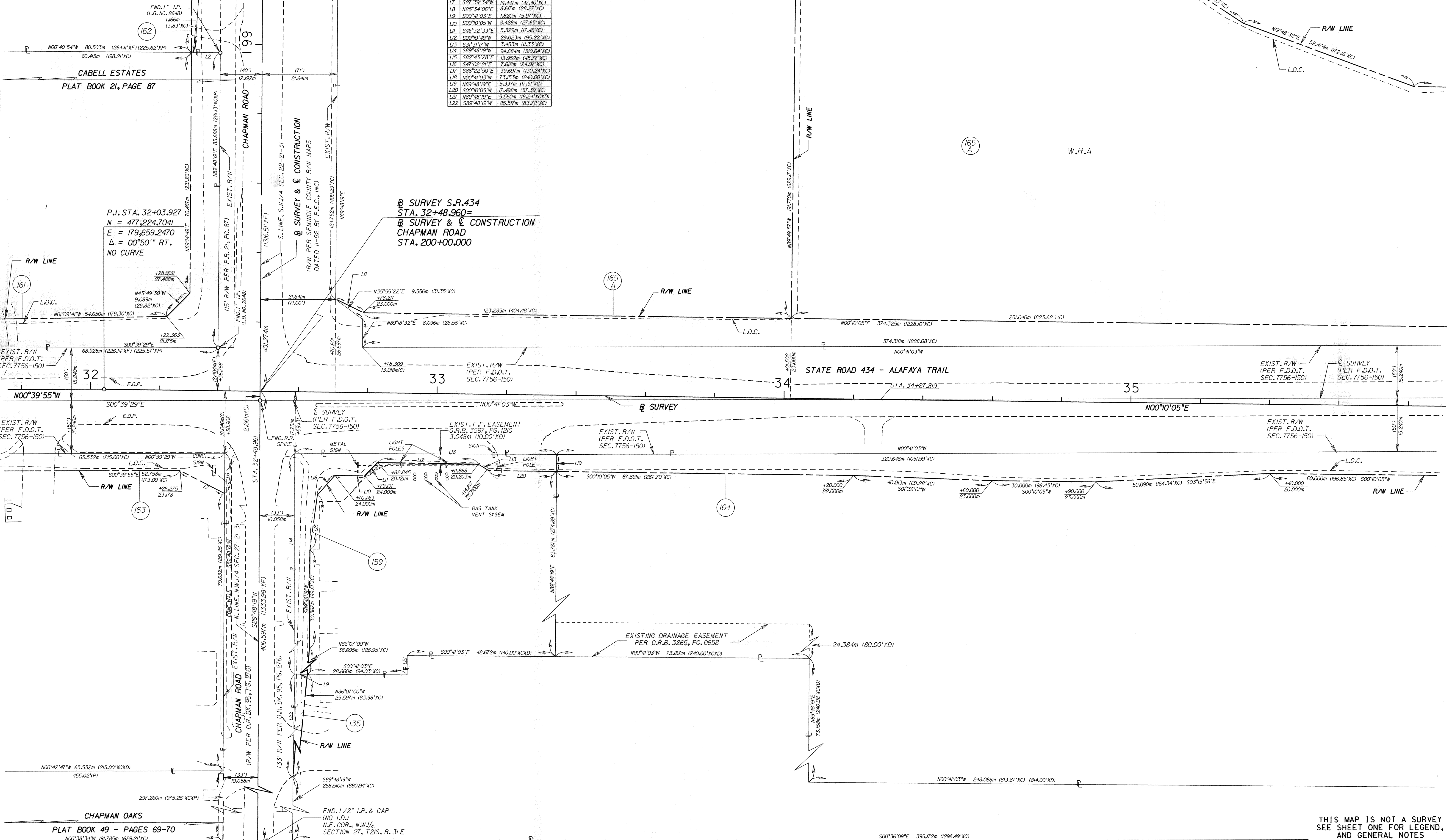
SECTION 27,
TOWNSHIP 21 SOUTH,
RANGE 31 EAST

SEE SHEET 18

SECTION 22, TOWNSHIP 21 SOUTH, RANGE 31 EAST
CITY OF OVIEDO



LINE	BEARING	DISTANCE
L2	N00°40'54"W	8.379m (27.49'XC)
L4	N89°14'49"E	45.96m (150.79'XC)
L5	S89°48'19"W	6.377m (20.92'XC)
L6	N89°48'19"E	11.801m (38.72'XC)
L7	S27°39'54"W	19.447m (64.00'XC)
L8	N25°54'06"E	8.817m (28.92'XC)
L9	S00°41'03"E	1.820m (5.97'XC)
L10	S00°10'05"W	8.428m (27.65'XC)
L11	S46°32'33"E	5.329m (17.48'XC)
L12	S00°19'49"W	29.023m (95.22'XC)
L13	S37°51'07"W	3.453m (11.33'XC)
L14	S89°48'19"W	94.684m (310.64'XC)
L15	S82°43'28"E	13.953m (45.77'XC)
L16	S47°02'21"E	7.612m (24.97'XC)
L17	S86°22'50"E	39.697m (130.24'XC)
L18	N00°41'03"W	73.53m (240.00'XC)
L19	N89°48'19"E	5.537m (18.15'XC)
L20	S00°10'05"W	17.482m (57.39'XC)
L21	N89°48'19"E	5.560m (18.24'XCXD)
L22	S89°48'19"W	25.517m (83.72'XC)



RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
KE. Booth
FOR DISTRICT SECRETARY

DATE
4-30-99

REVISION
BY
DATE

REVISE PARCEL 165
REV. P. 159, ADD P. 135
ADD PAR. 159
BY
DATE

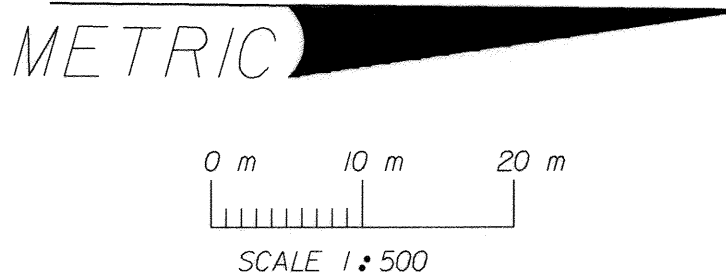
BY
DATE
PRELIM
S. LOWE
10/15/97
FINAL
D. HOLT
11/23/97
CHECKED
A. SCHAEFER
11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434
SEMINOLE COUNTY
FPN 240167 I

MAPS PREPARED BY
D.R.M.P., INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
W.P.I. NO. 5117665
SCALE: 1:500
FIELD BOOK NO. 5
200989, 2005696, 2010022, 201021
SHEET 12 OF 25

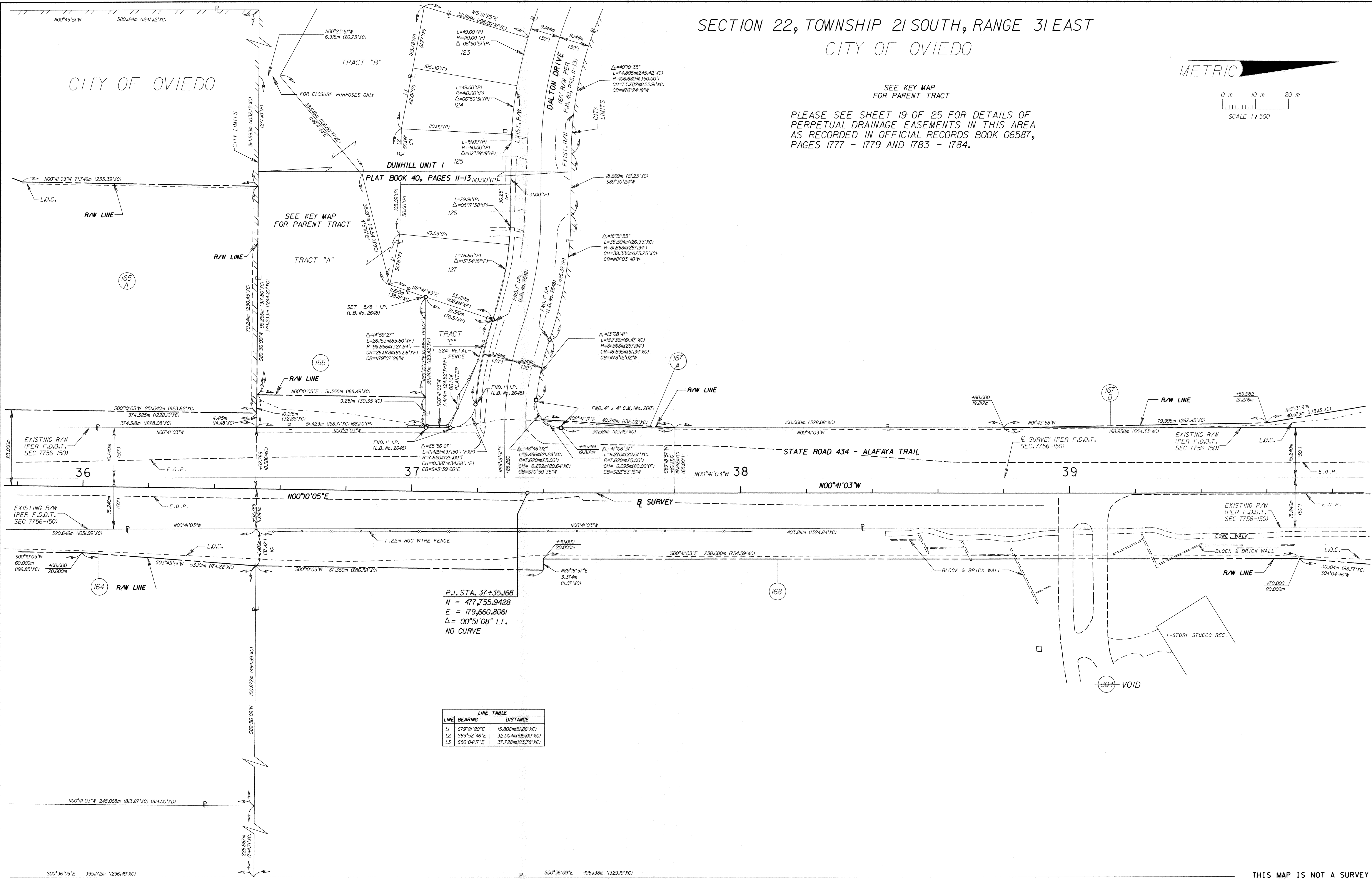
S.R. 434 FROM MCMULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 22, TOWNSHIP 21 SOUTH, RANGE 31 EAST
CITY OF OVIEDO



SEE KEY MAP
FOR PARENT TRACT

PLEASE SEE SHEET 19 OF 25 FOR DETAILS OF
PERPETUAL DRAINAGE EASEMENTS IN THIS AREA
AS RECORDED IN OFFICIAL RECORDS BOOK 06587,
PAGES 1777 - 1779 AND 1783 - 1784.



P.I. STA. 37+35.168
N = 477,755.9428
E = 179,660.8061
Δ = 00°51'08" LT.
NO CURVE

LINE TABLE		
LINE	BEARING	DISTANCE
L1	S79°21'20"E	15.808m (51.86' XC)
L2	S89°52'46"E	32.004m (105.00' XC)
L3	S80°04'17"E	37.728m (123.78' XC)

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
DATE
4-30-99
FOR DISTRICT SECRETARY

DATE
4-30-99
REVISION
BY
DATE

ADDED NOTE REGARDING
DRAINAGE EASEMENTS
S. MILLER
4-05-07
VOIDED PARCEL 804
K. JOHNS
9-28-99
REV. PAR. 164
S. WALKER
8-19-99
REVISION
BY
DATE

PRELIM
BY
DATE
FINAL
BY
DATE
CHECKED
A. SCHAEFER
11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434
SEMINOLE COUNTY
FPN 240167 I
SHEET 13 OF 25

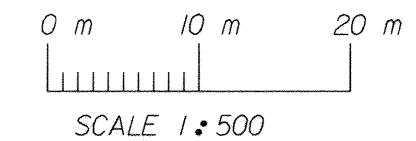
MAPS PREPARED BY
D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
FIELD BOOK NO. 15
200989, 2005696, 2010022, 201021
W.P.I. NO. 5117665
SCALE: 1:500

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

S.R. 434 FROM McCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 22, TOWNSHIP 21 SOUTH, RANGE 31 EAST

CITY OF OVIEDO



METRIC

SEE KEY MAP FOR PARENT TRACT

SEE KEY MAP FOR PARENT TRACT

SEE KEY MAP FOR PARENT TRACT

PLEASE SEE SHEET 19 OF 25 FOR DETAILS OF PERPETUAL DRAINAGE EASEMENTS IN THIS AREA AS RECORDED IN OFFICIAL RECORDS BOOK 06587, PAGES 1777 - 1779 AND 1783 - 1784.

LINE TABLE		
LINE	BEARING	LENGTH
L1	S89°39'33"W	7.139m (23.42'XC)
L2	S00°20'18"E	6.706m (22.00'XC)
L3	N89°59'33"E	8.583m (28.16'XC)
L4	S00°20'18"E	1.001m (3.29'XC)
L5	S08°02'03"W	12.600m (41.34'XC)
L6	S89°24'25"W	5.303m (17.40'XC)
L7	N89°24'08"E	1.359m (4.45'XC)
L8	S89°24'25"W	2.219m (7.28'XC)
L9	N89°24'25"E	11.832m (38.82'XC)
L10	S08°02'03"W	12.800m (41.97'XC)
L11	N89°39'33"E	5.592m (18.34'XC)
L12	N00°41'03"W	6.561m (21.53'XC)
L13	N89°39'33"E	8.596m (28.21'XC)
L14	S00°41'03"E	2.956m (9.70'XC)
L15	S44°40'01"E	7.369m (24.18'XC)
L16	S00°41'03"E	52.671m (172.80'XC)
L17	S89°39'33"W	4.835m (15.87'XC)
L18	N89°24'25"E	20.405m (66.93'XC)
L19	N89°23'46"E	1.839m (6.03'XC)

1-STORY BRICK & METAL COMM.

3-STORY GLASS & METAL COMM.

1-STORY BLOCK & STUCCO COMM.

STATE ROAD 434 - ALAFAYA TRAIL

ALAFAYA WOODS SHOPPING CENTER
PLAT BOOK 35, PAGES 39-40

ALAFAYA WOODS PHASE I - UNIT A
PLAT BOOK 31, PAGES 80-85

SEE SHEET 20 FOR DETAIL

CURVE TABLE				
CURVE NO.	DELTA	ARC LENGTH	RADIUS	CHORD LENGTH
C1	90°06'32"	14.38m (47.18'XC)	9,444m (30,990'XC)	12,944m (42.47'XC)
C2	89°53'28"	14.346m (47.07'XC)	9,444m (30,990'XC)	12,939m (42.39'XC)

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
Booth
FOR DISTRICT SECRETARY

DATE
4-30-99

REVISION BY DATE

ADD PARCELS 810.1 R & 811.1
REV. PARCEL 168
BY S. MILLER
P. MCCRAY

DATE
4-05-07
05/12/00

PRELIM BY DATE
S. LOWE 10/15/97
FINAL D. HOLT 11/13/97
CHECKED A. SCHAEFER 11/15/97

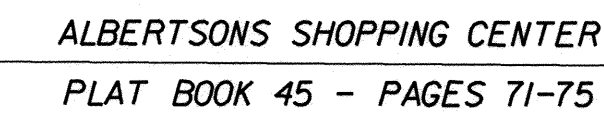
F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434 SEMINOLE COUNTY
FPN 240167 I

MAPS PREPARED BY
D.R.M.P., INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
W.P.I. NO. 5117665
SCALE: 1" = 500'
SHEET 14 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SEE SHEET 20 FOR DETAIL

METRIC



LINE TABLE		
LINE	BEARING	DISTANCE
L1	S00°31'0"E	1.366m (37.35'K)
L2	S73°04'10"E	6.734m (17.52'K)
L3	N02°01'0"E	22.002m (57.42'K)
L4	N04°10'3"W	24.016m (61.79'K)
L5	S00°26'59"E	1.467m (3.80'K)
L6	N04°10'3"W	2.880m (7.40'K)
L7	S00°38'50"E	5.464m (14.01'K)
L8	S00°26'59"E	2.894m (7.49'K)
L9	S89°30'3"W	4.595m (11.77'K)
L10	S00°26'59"E	30.485m (78.00'K)
L11	S00°38'50"E	1.592m (5.22'K)
U1	S00°38'50"E	1.810m (5.94'K)
U2	S00°26'59"E	22.860m (57.00'K)
U3	S00°26'59"E	22.860m (57.00'K)
U4	S00°26'59"E	22.862m (57.00'K)
U5	S00°38'50"E	6.02m (15.72'K)
U6	S00°31'0"E	7.53m (19.21'K)
U7	S00°31'0"E	6.612m (16.92'K)
L20	S00°18'5"E	76.053m (194.52'K)
L21	N04°10'3"W	1.500m (3.80'K)
L22	N04°10'3"W	3.959m (10.04'K)
L23	N71°41'2"W	3.959m (10.04'K)
L24	N00°35'34"W	1.05m (2.66'K)
L25	N24°10'2"E	5.563m (14.25'K)
L26	S00°26'59"E	1.810m (5.94'K)
L27	S00°26'59"E	8.919m (22.96'K)
L28	S89°01'5"E	1.616m (4.18'K)
L29	S16°59'0"E	2.833m (7.30'K)
L30	S00°26'59"E	7.070m (18.00'K)
L31	S00°26'59"E	4.800m (15.77'K)
L32	S00°26'59"E	3.555m (9.06'K)
L33	S00°31'0"E	12.370m (31.60'K)
L34	S00°50'3"W	3.414m (8.82'K)

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

SHEET 15 OF 25

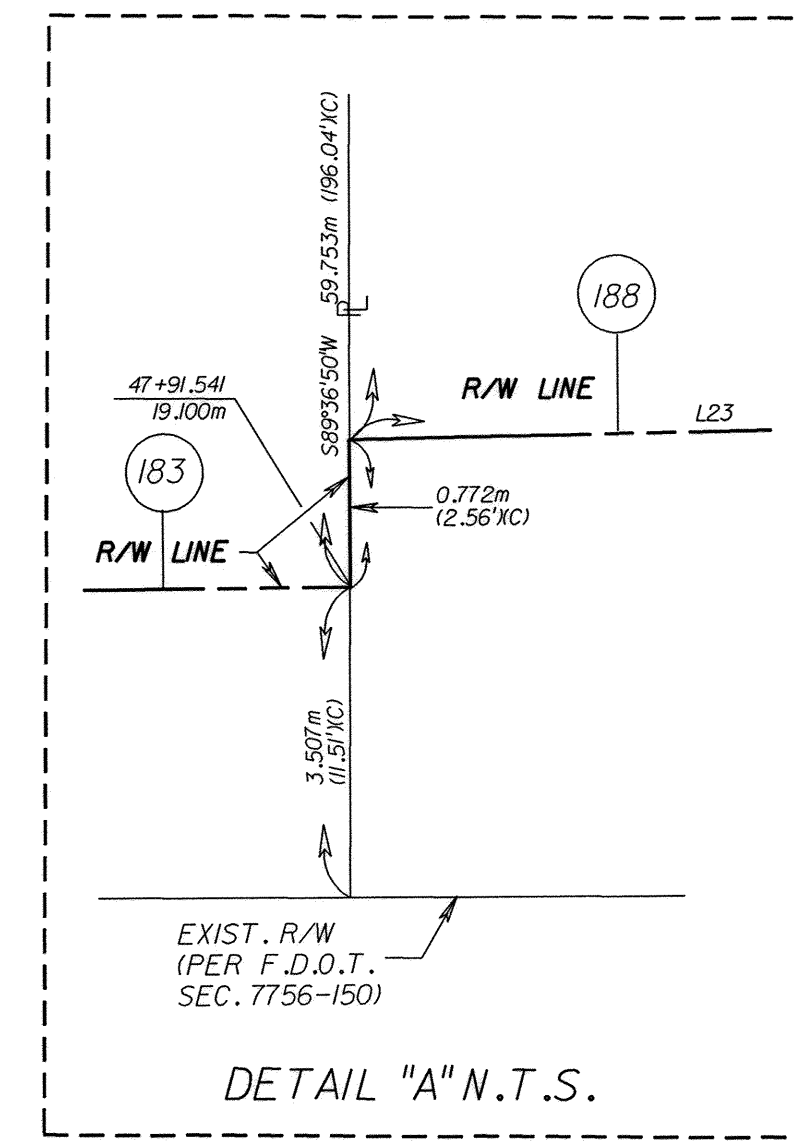
S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 15, TOWNSHIP 21 SOUTH, RANGE 31 EAST

CITY OF OVIEDO

0 m 10 m 20 m
SCALE 1:500

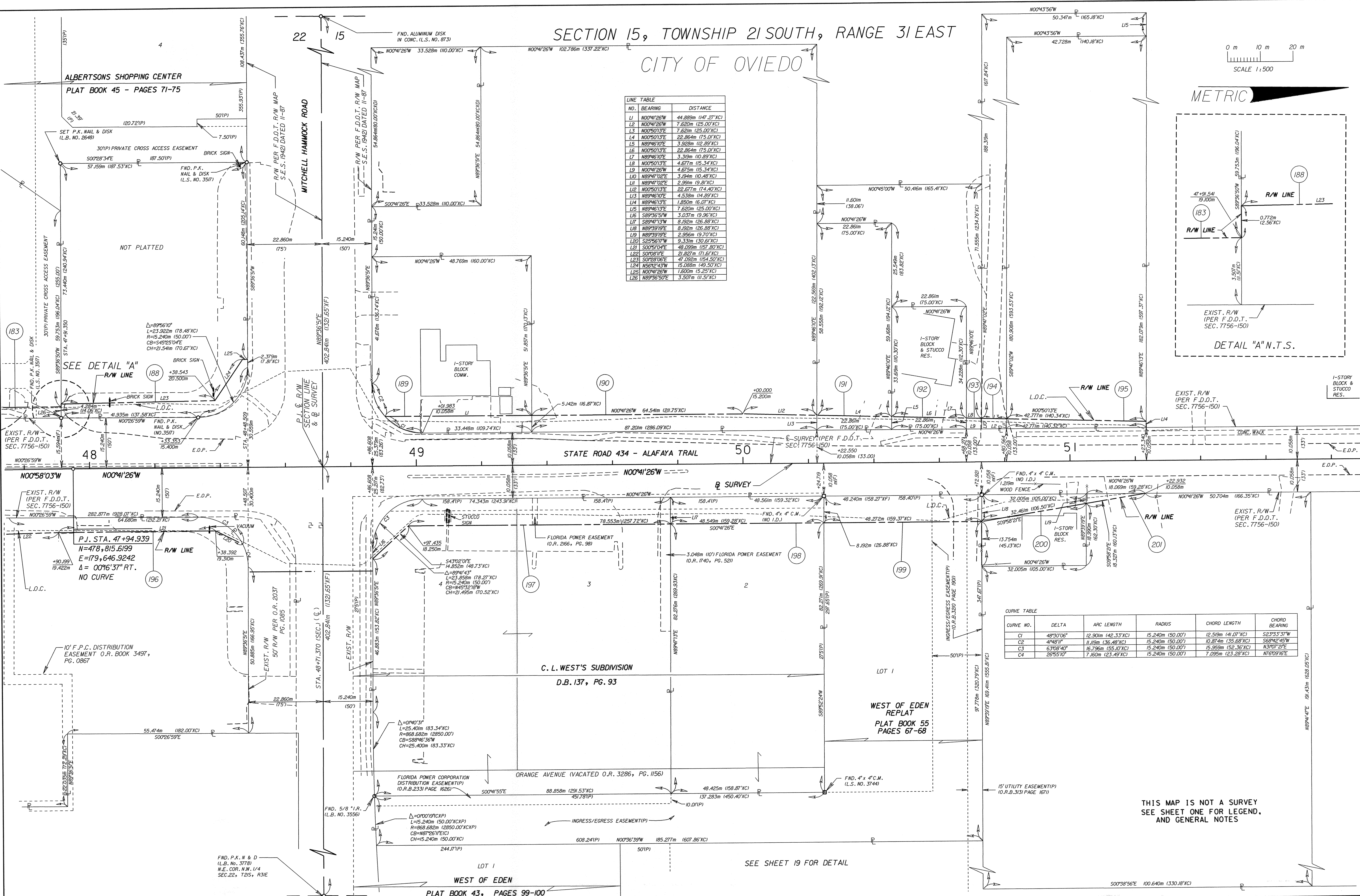
METRIC



LINE NO.	BEARING	DISTANCE
L1	N00°41'26"W	44.889m (147.27'XC)
L2	N00°41'26"W	7.620m (25.00'XC)
L3	N00°50'13"E	7.620m (25.00'XC)
L4	N00°50'13"E	22.864m (75.00'XC)
L5	N89°46'10"E	3.928m (12.89'XC)
L6	N00°50'13"E	22.864m (75.00'XC)
L7	N89°46'10"E	3.919m (12.85'XC)
L8	N00°50'13"E	4.677m (15.34'XC)
L9	N00°41'26"W	4.677m (15.34'XC)
L10	N89°47'02"E	3.094m (10.15'XC)
L11	N89°47'02"E	2.991m (9.81'XC)
L12	N00°50'13"E	22.677m (74.40'XC)
L13	N89°46'10"E	4.538m (14.89'XC)
L14	N89°46'10"E	1.850m (6.07'XC)
L15	N89°46'10"E	7.620m (25.00'XC)
L16	N89°46'10"E	3.037m (9.96'XC)
L17	S89°47'13"W	8.192m (26.88'XC)
L18	N89°39'19"E	6.192m (20.31'XC)
L19	N89°39'19"E	2.956m (9.70'XC)
L20	S25°56'17"W	9.331m (30.61'XC)
L21	S00°01'04"E	48.029m (157.80'XC)
L22	S00°01'04"E	21.827m (71.61'XC)
L23	S00°28'06"E	47.092m (154.50'XC)
L24	N56°12'43"W	15.088m (49.50'XC)
L25	N00°41'26"W	1.800m (5.91'XC)
L26	N89°26'50"E	3.507m (11.51'XC)

CURVE NO.	DELTA	ARC LENGTH	RADIUS	CHORD LENGTH	CHORD BEARING
C1	48°30'06"	12.901m (42.33'XC)	15.240m (50.00')	12.519m (41.07'XC)	S23°33'37"W
C2	4°48'11"	11.119m (36.48'XC)	15.240m (50.00')	10.874m (35.68'XC)	S68°42'45"W
C3	63°08'40"	16.736m (54.89'XC)	15.240m (50.00')	15.958m (52.36'XC)	N3°07'21"E
C4	26°55'10"	7.160m (23.49'XC)	15.240m (50.00')	7.095m (23.28'XC)	N76°09'46"E

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES



RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
Jeff Beeth
FOR DISTRICT SECRETARY

DATE
4/30/99
REVISION
BY
DATE

REV. PAR. 183 & ADDED
DETAIL P. 188
REV. PAR. 199 & 201
P. MCGRAY
BY
DATE

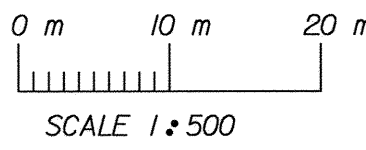
PRELIM
S. LOWE
10/15/97
FINAL
D. HOLT
11/13/97
CHECKED
11/15/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434
SEMINOLE COUNTY
FPN 240167 I

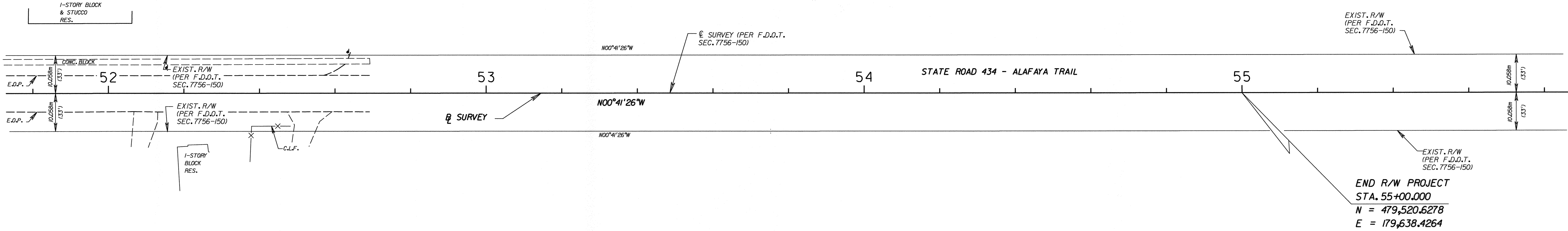
MAPS PREPARED BY
D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
FIELD BOOK NO. S
200989, 2005696, 2010022, 201021
SCALE: 1:500
SHEET 16 OF 25

S.R. 434 FROM McCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 15, TOWNSHIP 21 SOUTH, RANGE 31 EAST
CITY OF OVIEDO



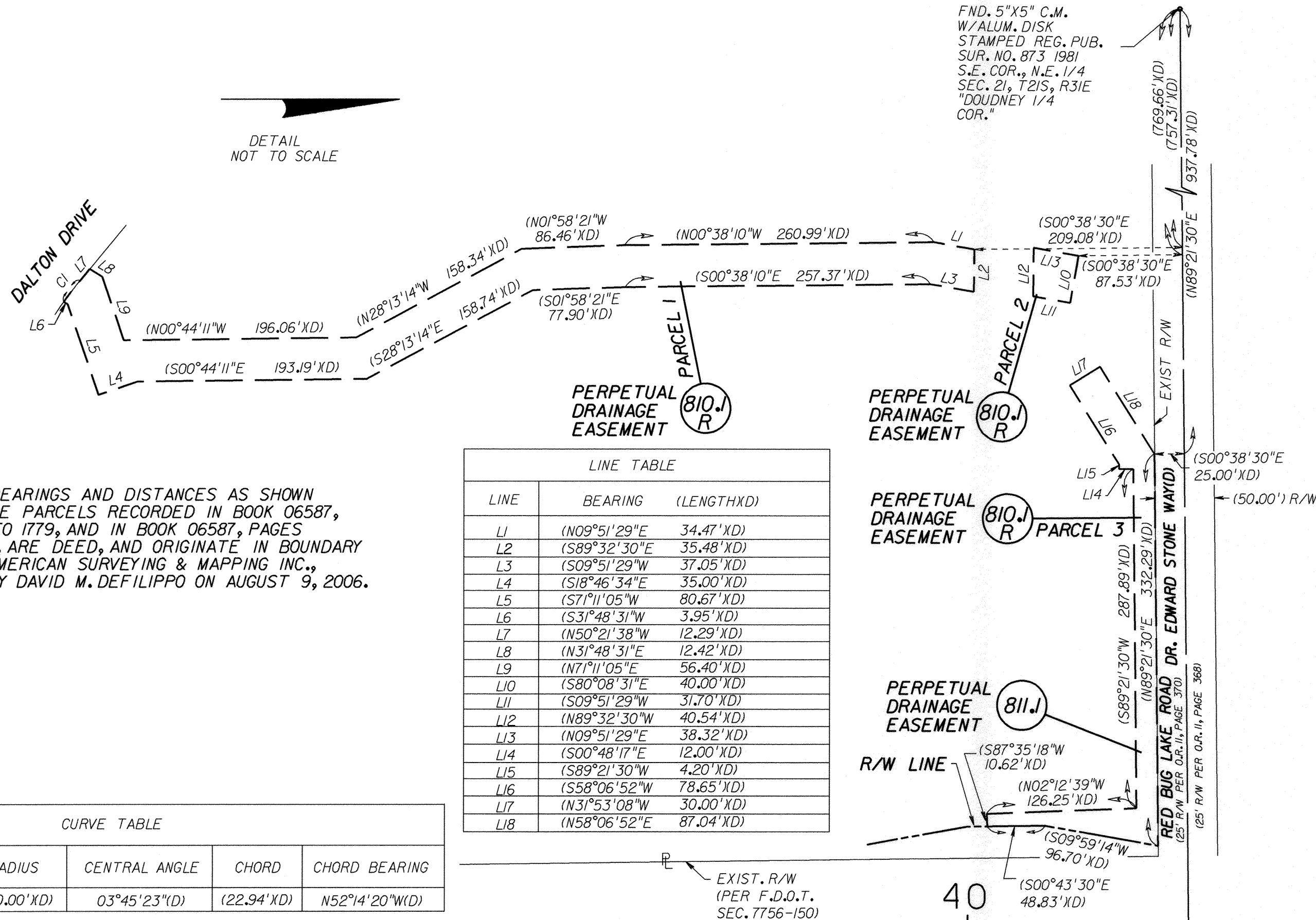
METRIC



THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP	FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAPPING	APPROVED BY <i>J.E. BOOTH</i> FOR DISTRICT SECRETARY	DATE 4/30/99	REVISION	BY	DATE	REV. SECTION NUMBER S. JOHNSON 07/06/15 REMOVE PROPERTY LINES P. MCGRAY 1/12/00	BY	DATE	PRELIM S. LOWE 10/15/97 FINAL D. HOLT 11/3/97 CHECKED A. SCHAEFER 11/5/97	F.A. PROJECT NO. 4311-031-P SECTION 77170-2510 STATE ROAD NO. 434 SEMINOLE COUNTY	MAPS PREPARED BY D.R.M.P. INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803 W.P.I. NO. 5117665 SCALE: 1" = 500	FIELD BOOK NO. S 200989, 2005696, 2010022, 201021 SHEET 17 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

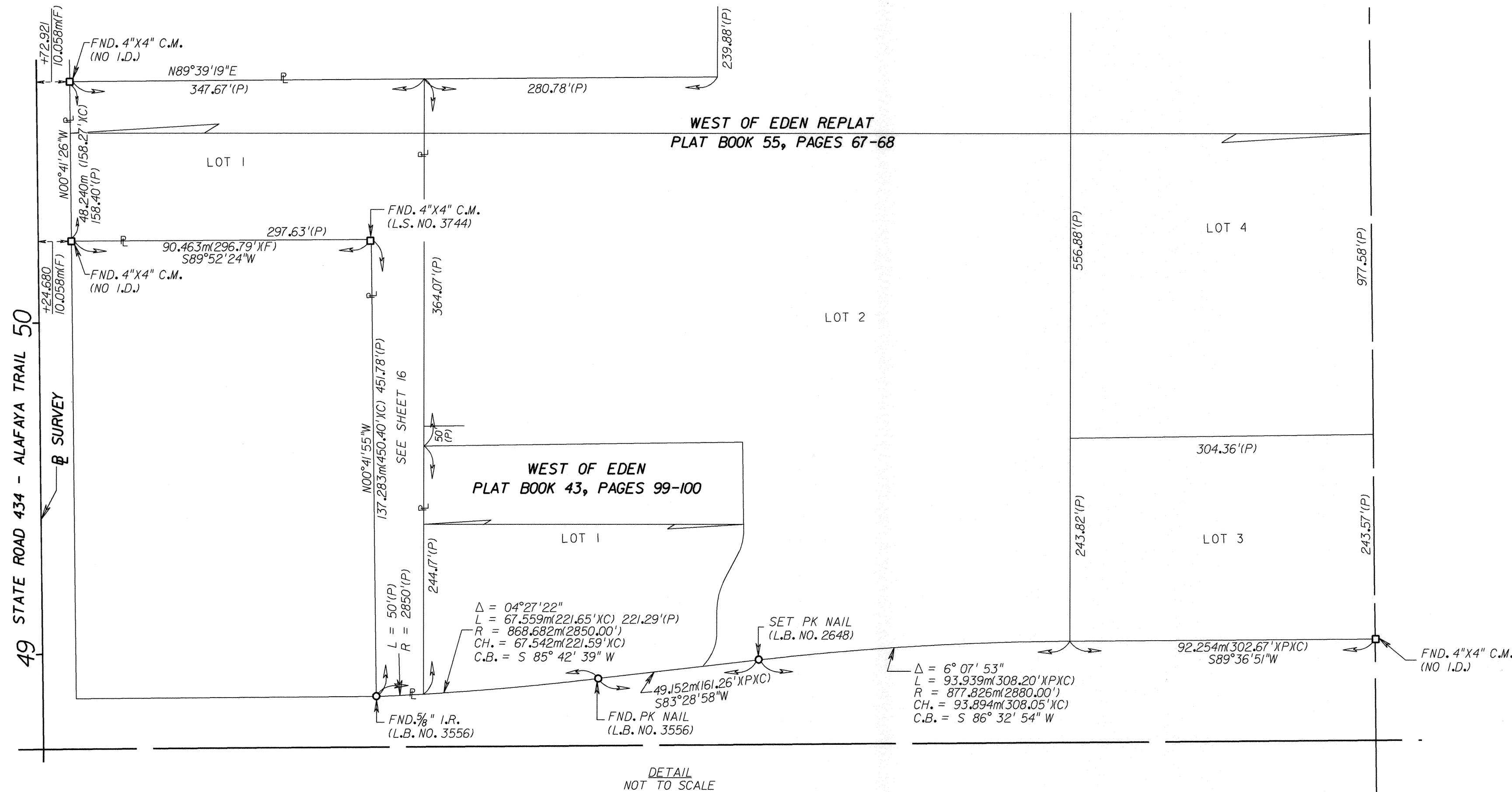
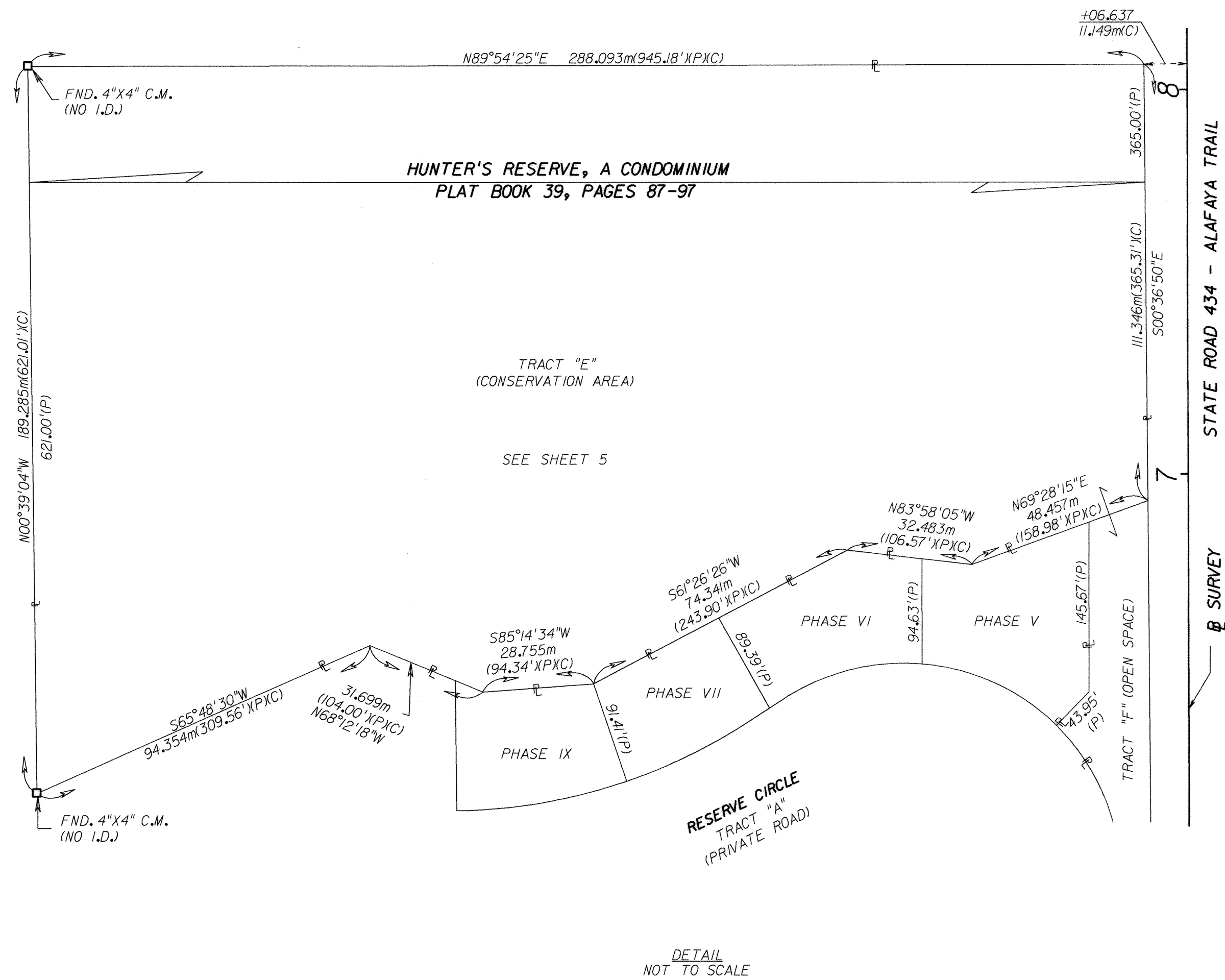


NOTE: THE BEARINGS AND DISTANCES AS SHOWN FOR DRAINAGE PARCELS RECORDED IN BOOK 06587, PAGES 1777 TO 1779, AND IN BOOK 06587, PAGES 1783 TO 1784, ARE DEED, AND ORIGINATE IN BOUNDARY SURVEY BY AMERICAN SURVEYING & MAPPING INC., CERTIFIED BY DAVID M. DEFILIPPO ON AUGUST 9, 2006.

LINE TABLE		
LINE	BEARING	(LENGTH)XD
L1	(N09°51'29"E	34.47'XD
L2	(S09°32'30"E	35.48'XD
L3	(S09°51'29"W	37.05'XD
L4	(S18°46'34"E	35.00'XD
L5	(S71°11'05"W	80.67'XD
L6	(S31°48'31"W	3.95'XD
L7	(N50°21'38"W	12.29'XD
L8	(N31°48'31"E	12.42'XD
L9	(N71°11'05"E	56.40'XD
L10	(S80°08'31"E	40.00'XD
L11	(S09°51'29"W	31.70'XD
L12	(N89°32'30"W	40.54'XD
L13	(N09°51'29"E	38.32'XD
L14	(S00°48'17"E	12.00'XD
L15	(S89°21'30"W	4.20'XD
L16	(S58°06'52"W	78.65'XD
L17	(N31°53'08"W	30.00'XD
L18	(N58°06'52"E	87.04'XD

CURVE TABLE					
CURVE	LENGTH	RADIUS	CENTRAL ANGLE	CHORD	CHORD BEARING
CI	(22.95'XD)	(350.00'XD)	03°45'23"(D)	(22.94'XD)	N52°14'20"(WD)

Q SURVEY STATE ROAD 434 - ALAFAYA TRAIL



PLAT DETAILS
THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
JE. Booth
DATE
4/30/99
FOR DISTRICT SECRETARY

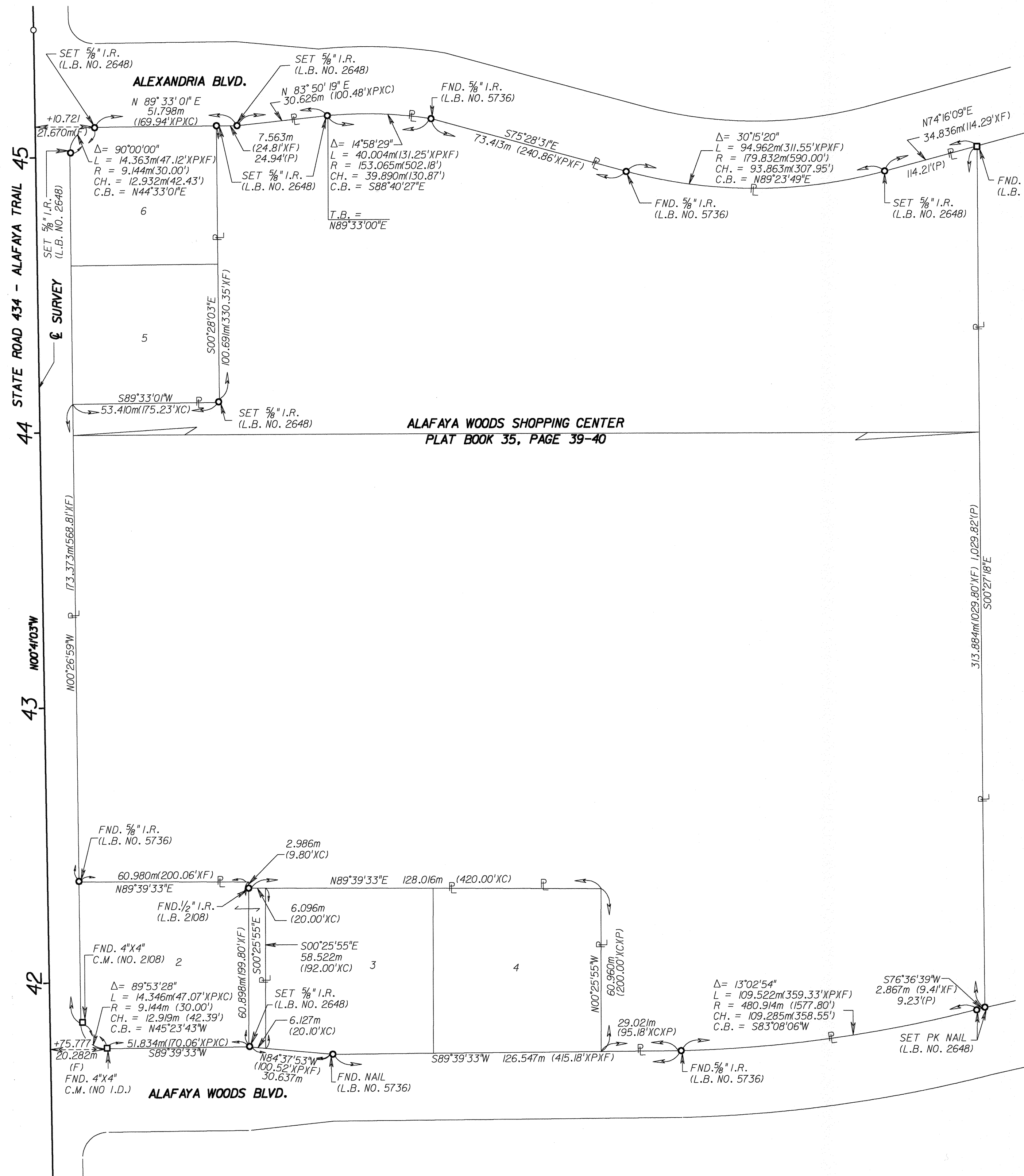
REVISION	BY	DATE
ADD PAR. 810-1 & 811-1	J. SHEPHERD	4/10/07
REV. WEST OF EDEN	P. MCCRAY	1/12/00

BY	DATE
PRELIM	S. LOWE 10/15/97
FINAL	D. HOLT 11/3/97
CHECKED	A. SCHAEFER 11/5/97

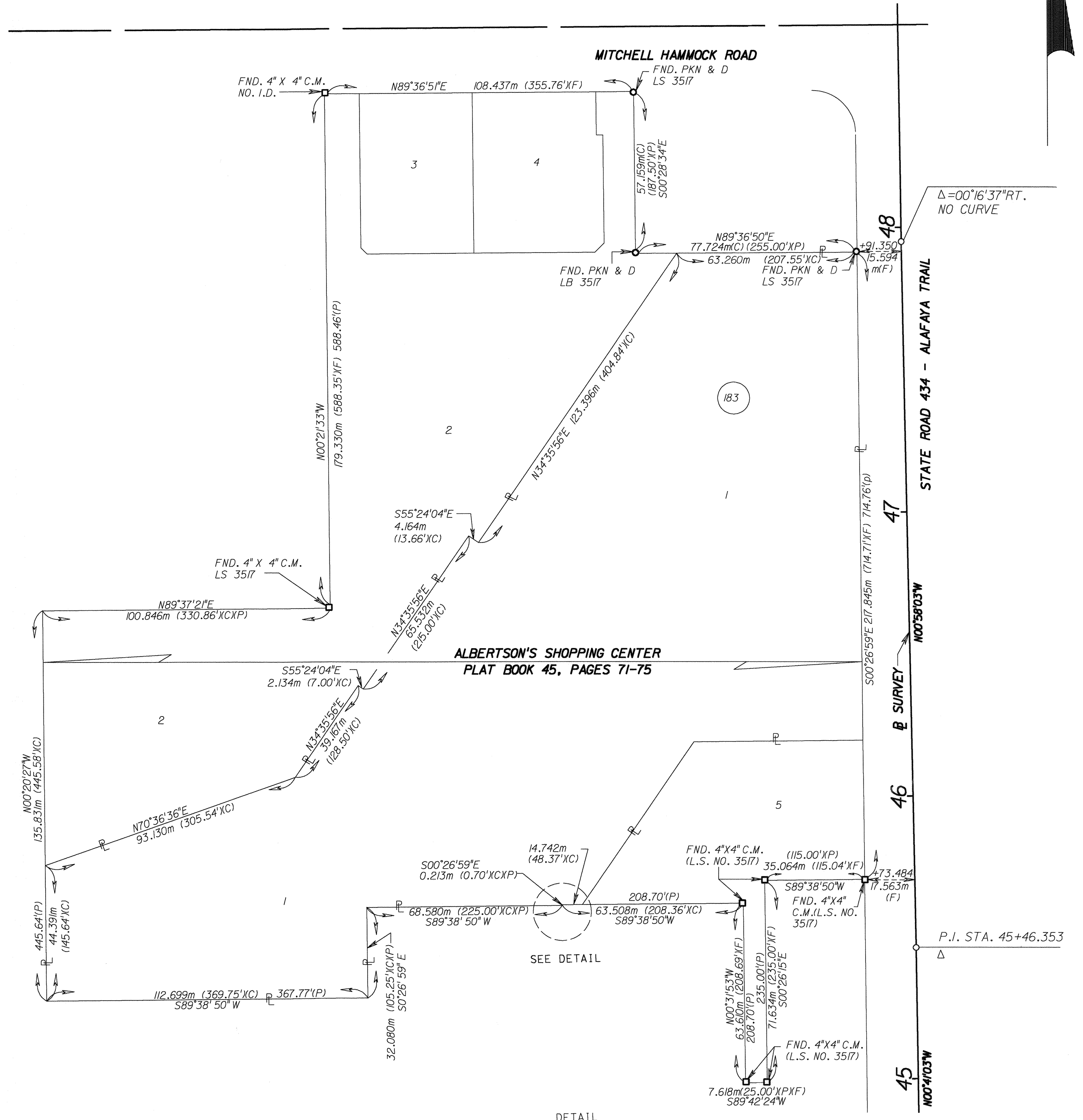
F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434 SEMINOLE COUNTY

MAPS PREPARED BY D.R.M.P. INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803	FIELD BOOK NO. 15 200989, 2005696, 2010022, 201021
W.P.I. NO. 5117665	SCALE: N.T.S.
FPN 240167 I	SHEET 19 OF 25

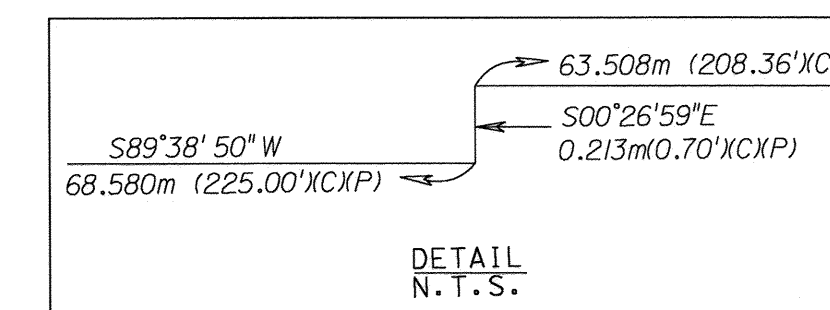
S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD



DETAIL
NOT TO SCALE



DETAIL
NOT TO SCALE



PLAT DETAILS
THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY

J. E. Booth
FOR DISTRICT SECRETARY

DATE

4/30/99

REVISION

BY

DATE

REVISION

BY

DATE

BY

S. LOWE

10/15/97

FINAL

D. HOLT

11/23/97

CHECKED

A. SCHAEFER

11/25/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510

STATE ROAD NO. 434

SEMINOLE COUNTY

MAPS PREPARED BY D.R.M.P. INC. FIELD BOOK NO.'S

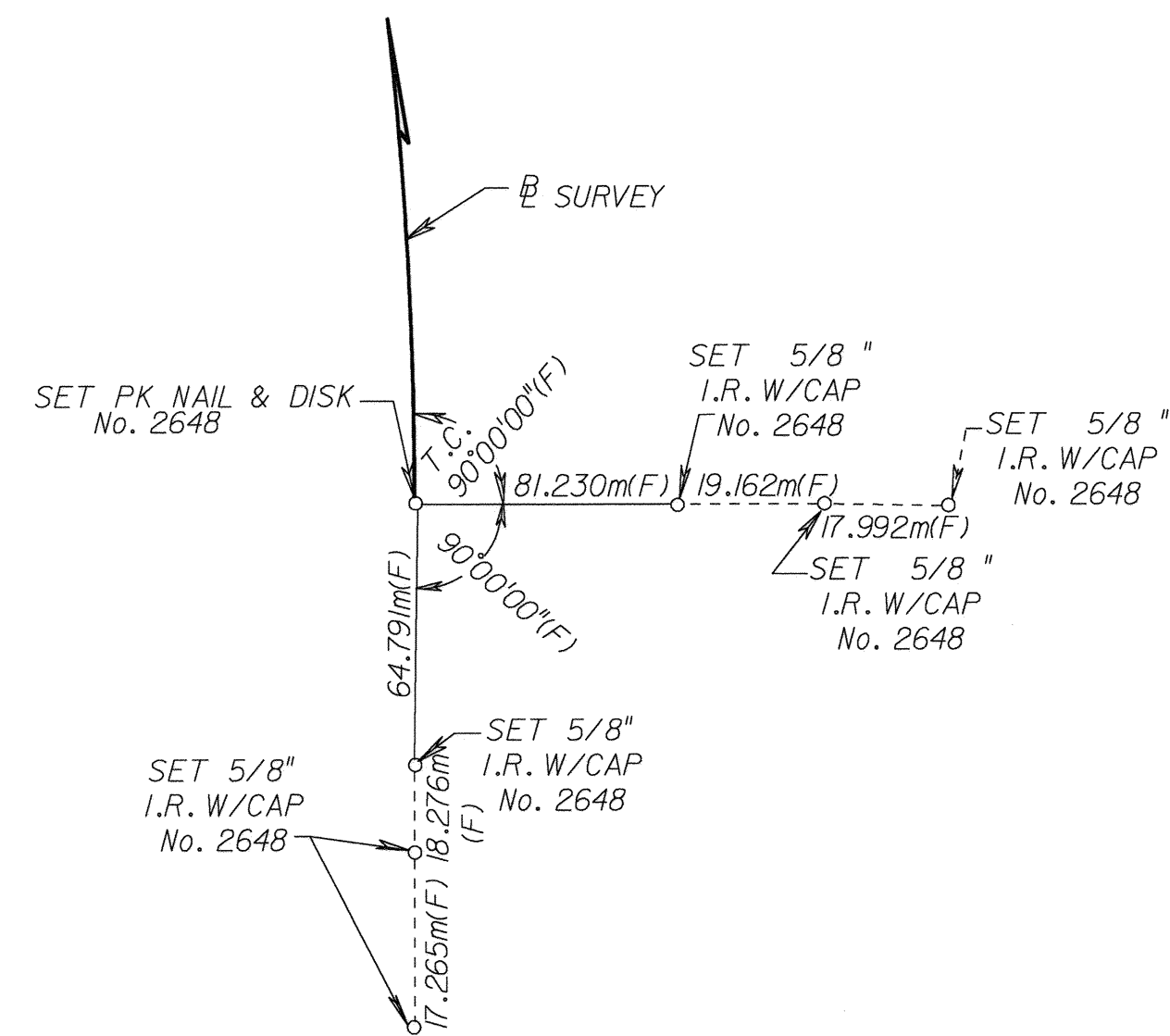
1505 E. COLONIAL DRIVE 200989, 2005696, 2010022, 201021

ORLANDO, FL 32803

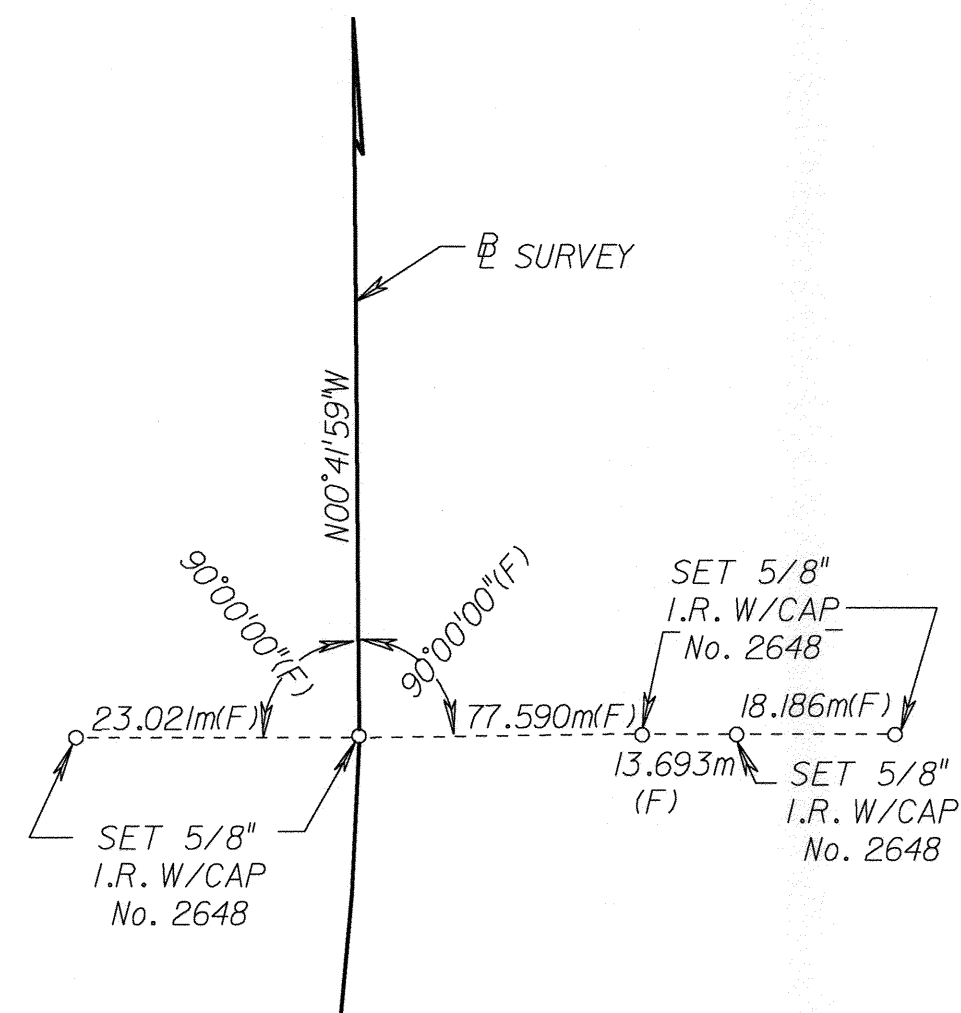
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FPN 240167 I SHEET 20 OF 25

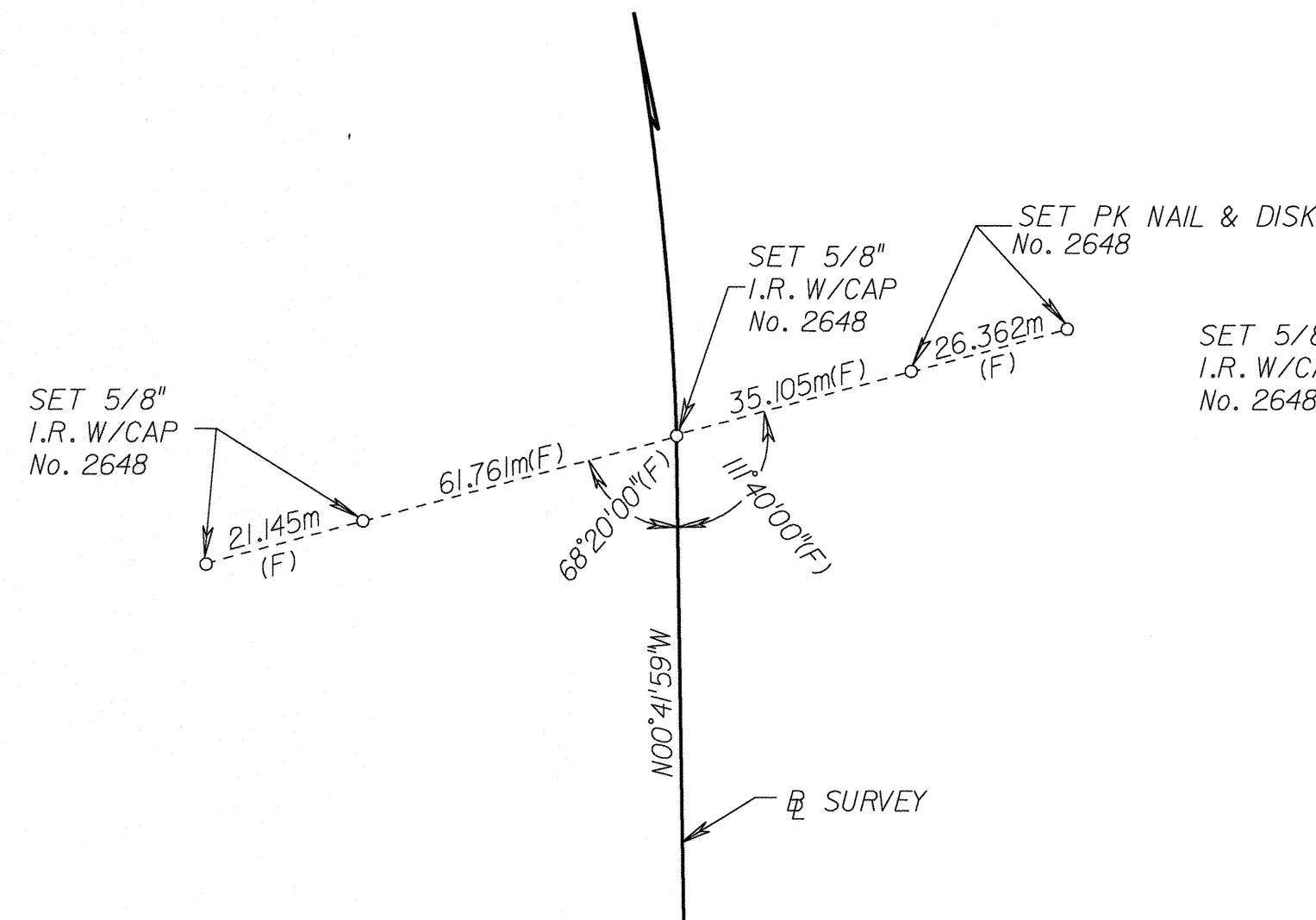
S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD



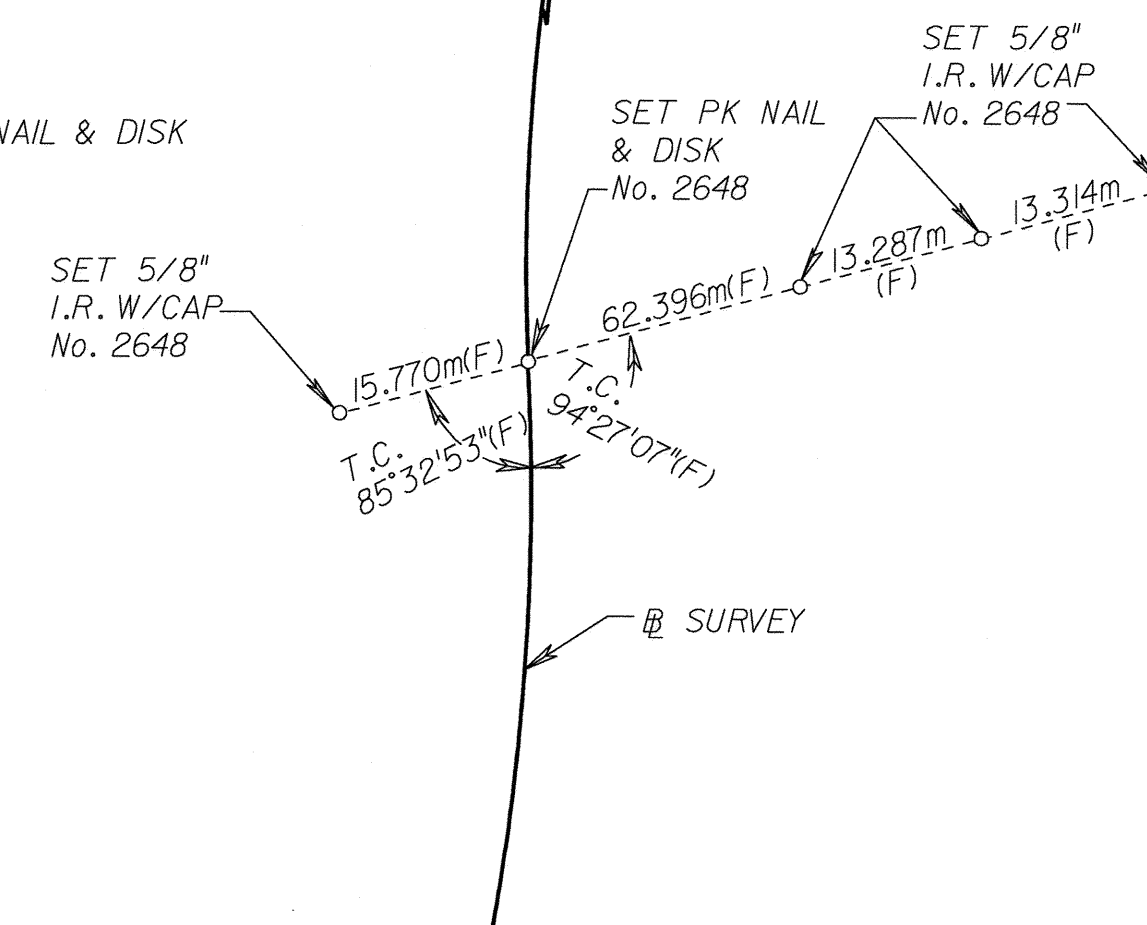
BEGIN STATION
P.C. STA. 00+00.000



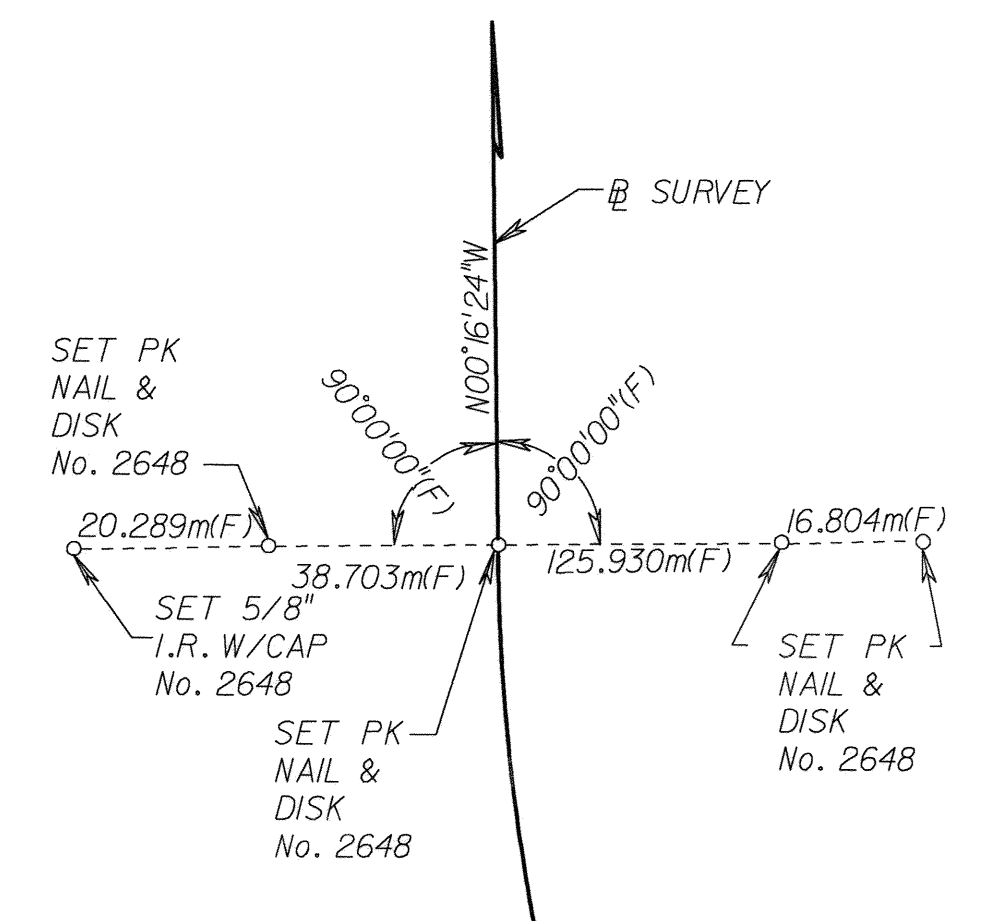
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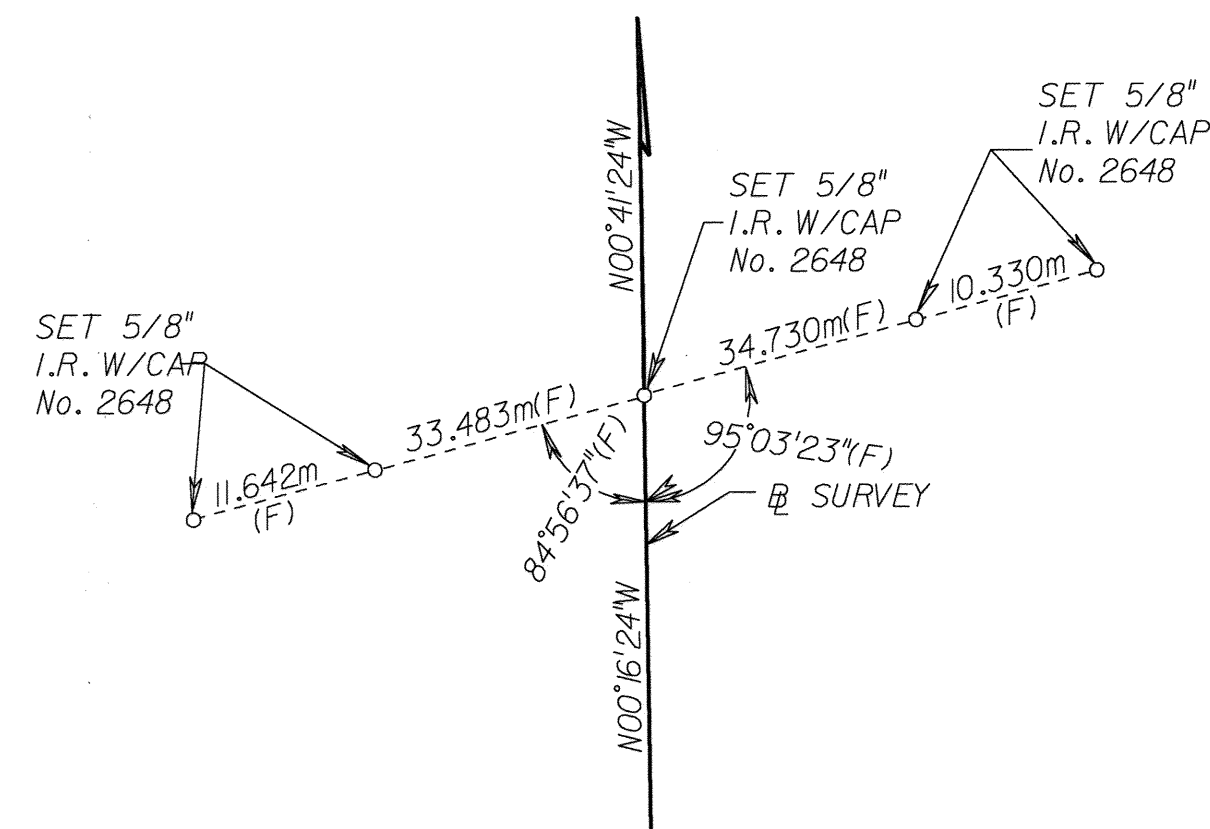
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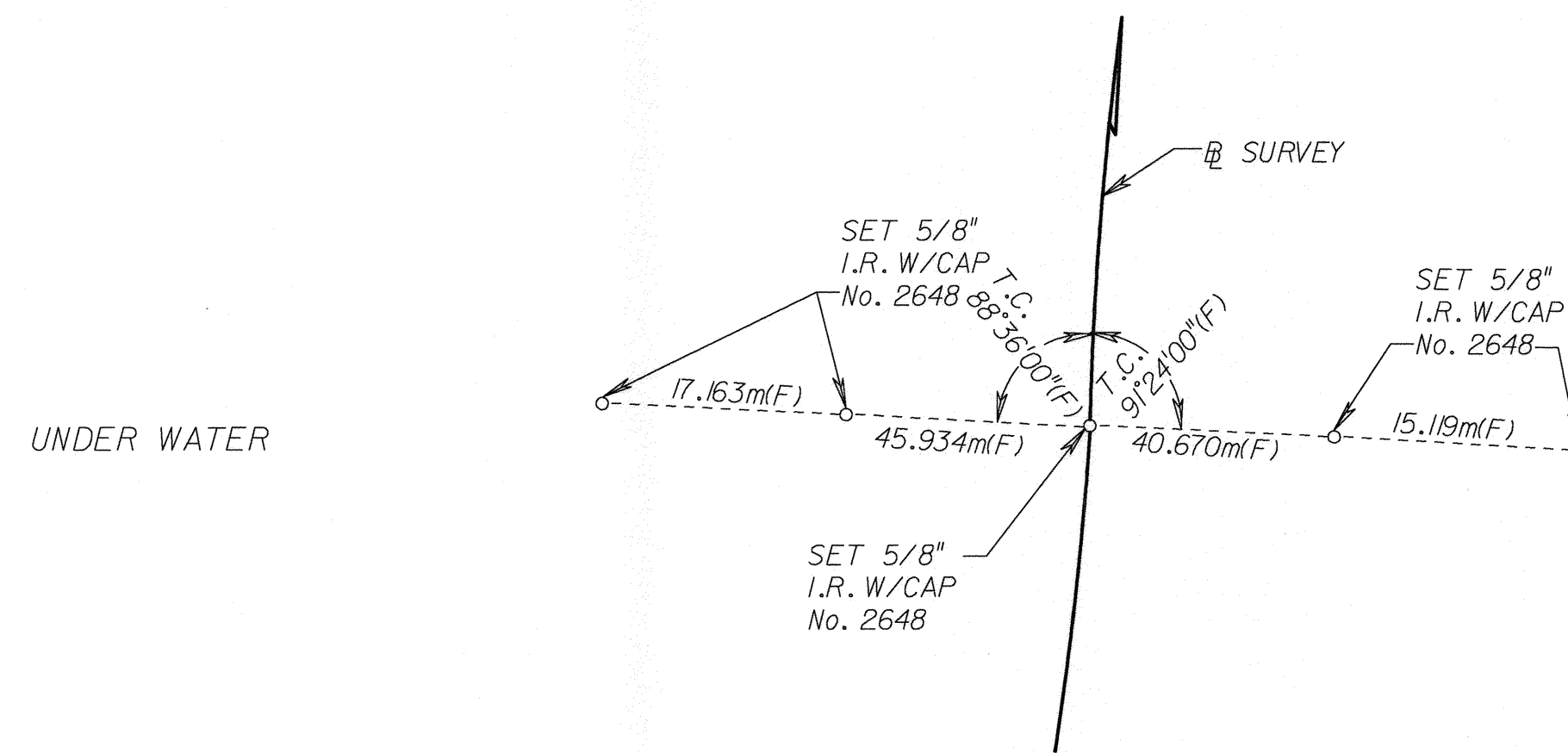
P.R.C. STA. 4+04.516



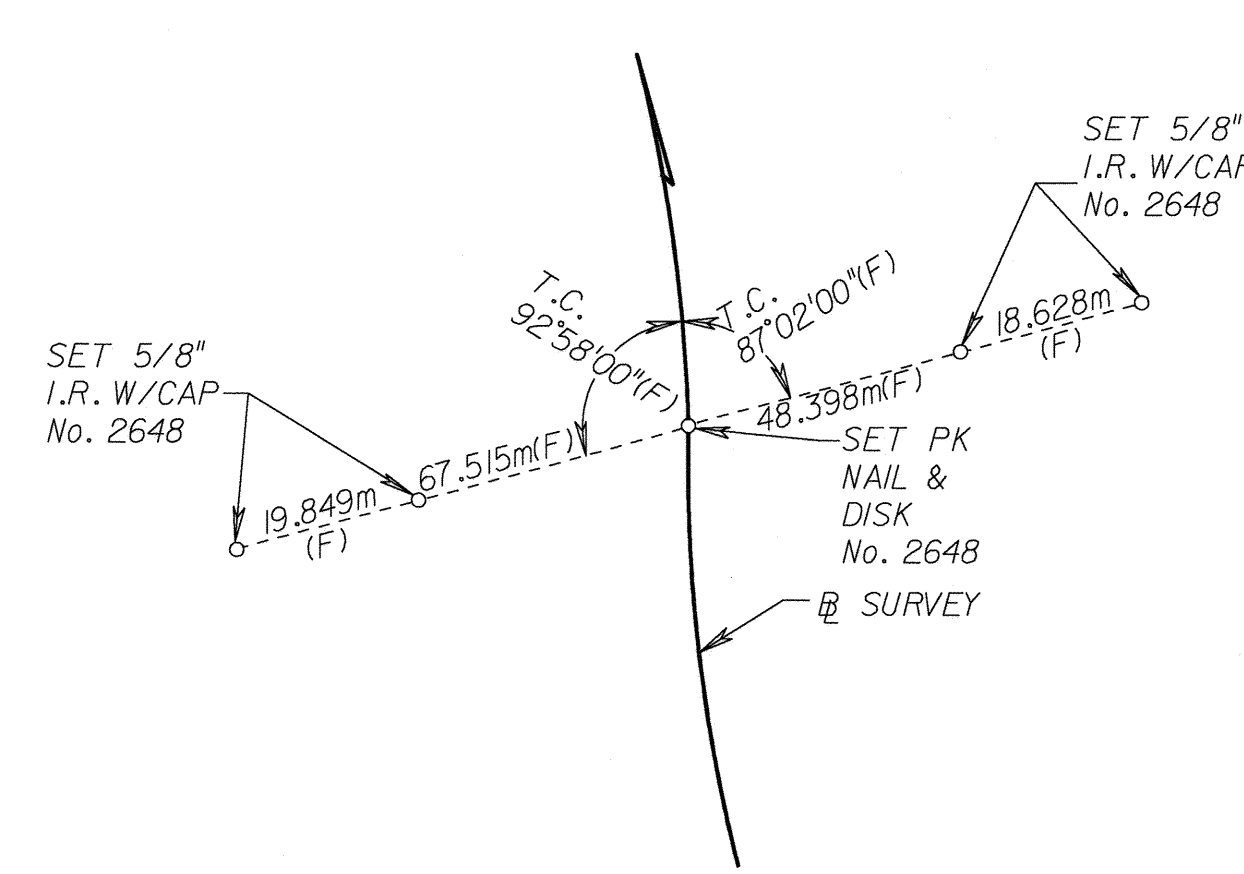
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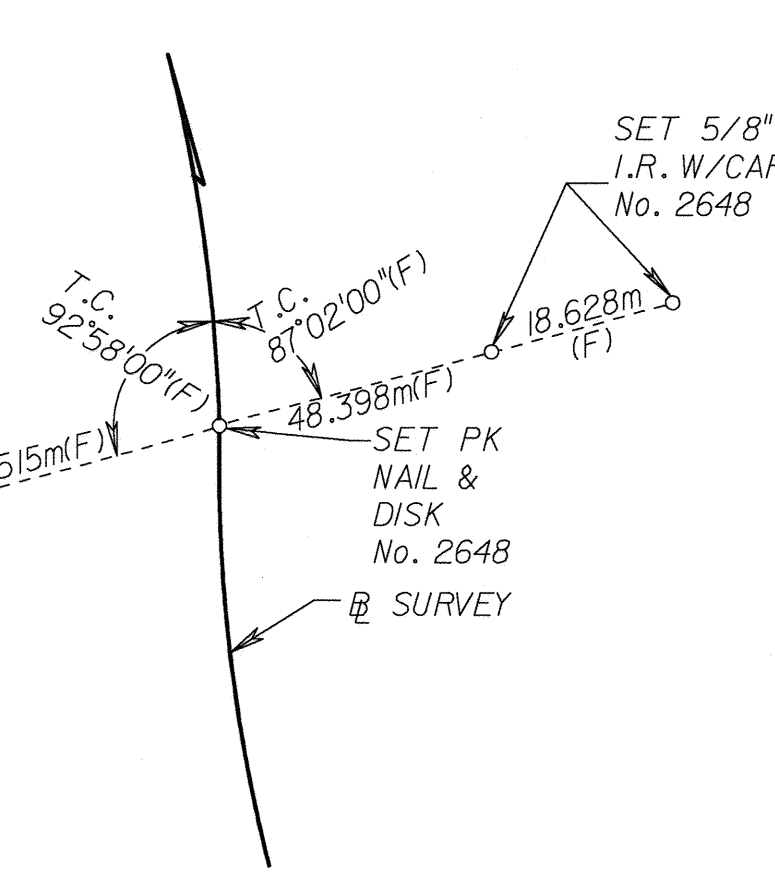
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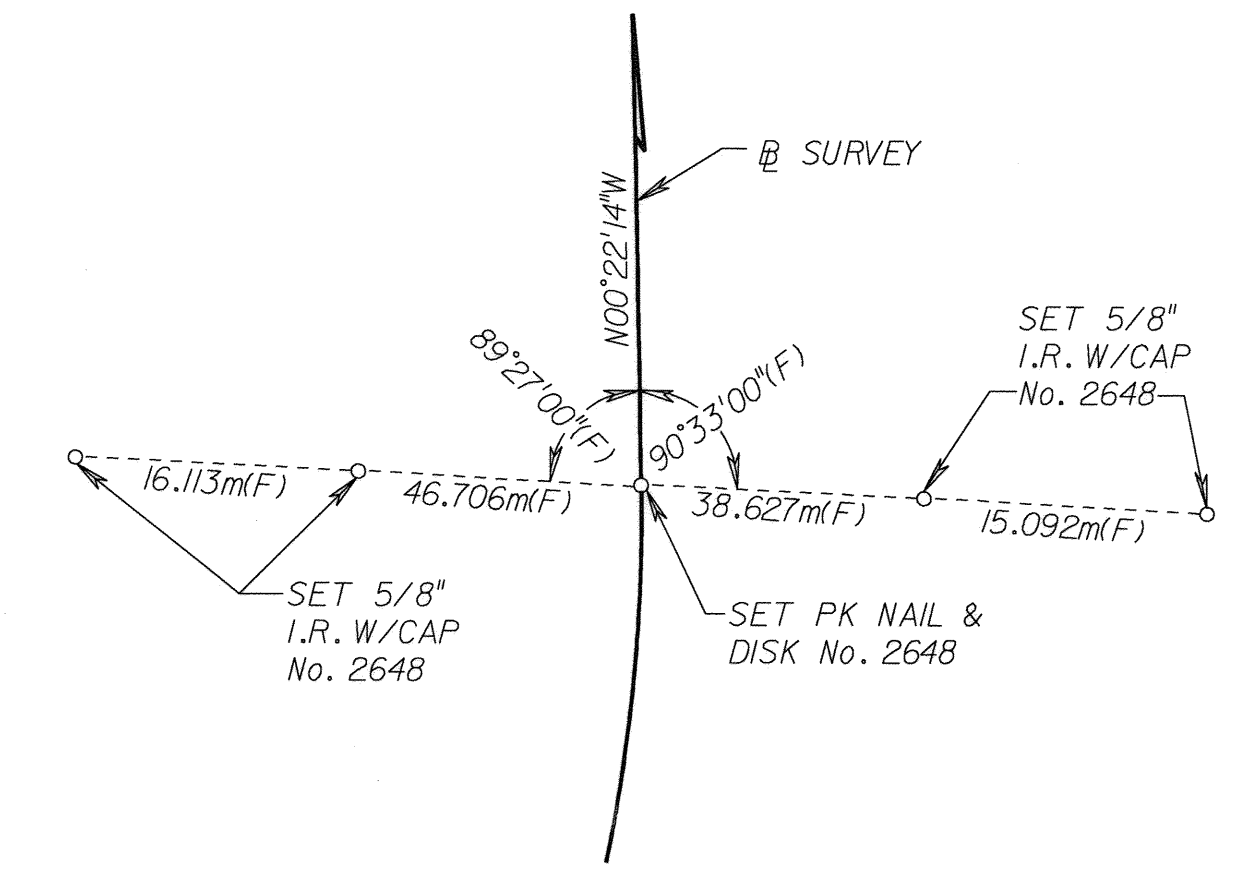
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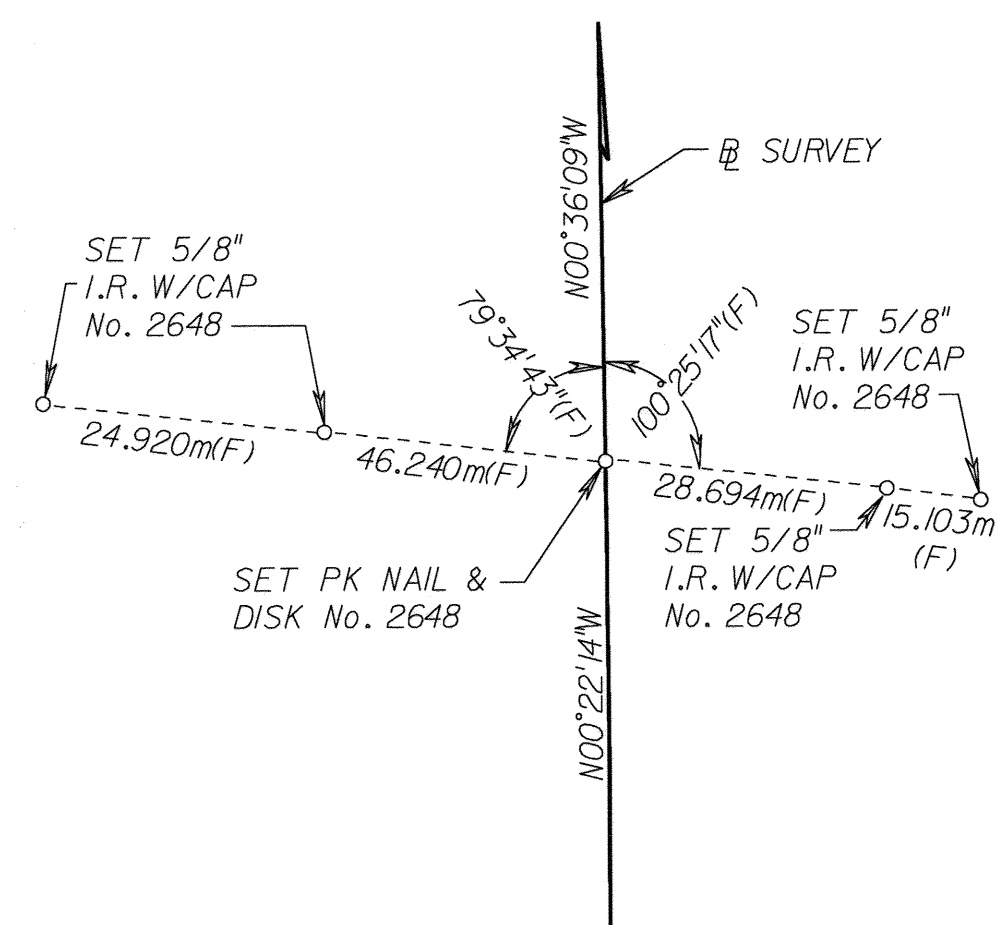
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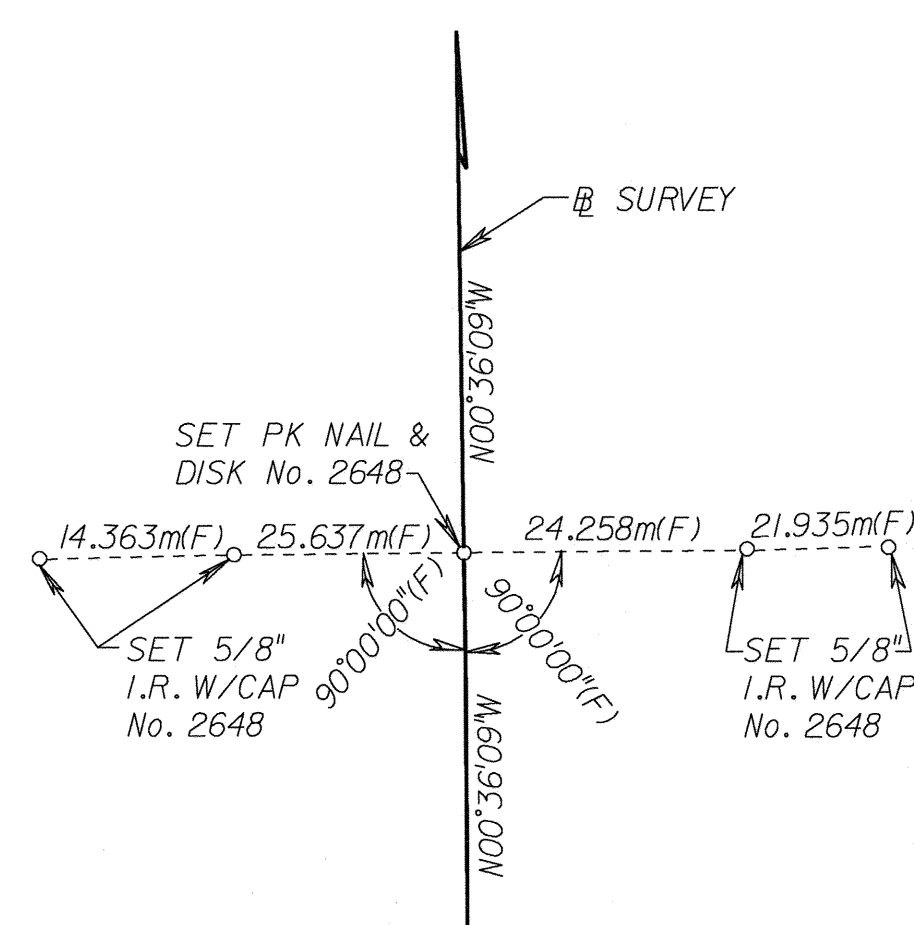
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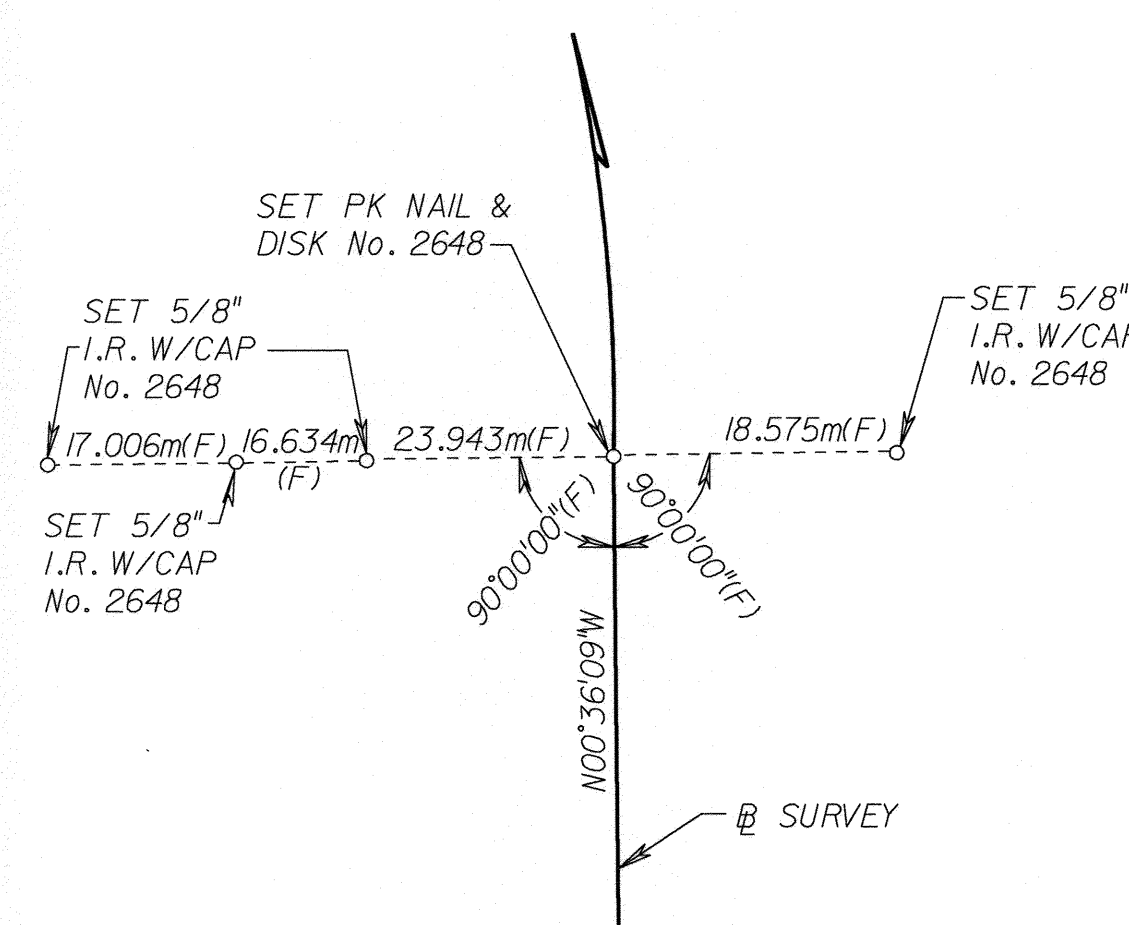
P.T. STA. 15+05.465



P.I. STA. 16+09.618



STA. 18+00.000



P.C. STA. 20+38.591

REFERENCE POINTS NOT TO SCALE

REFERENCE POINT SHEET

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
Joe Booth
FOR DISTRICT SECRETARY

DATE
4/30/99

REVISION	BY	DATE	REVISION	BY	DATE

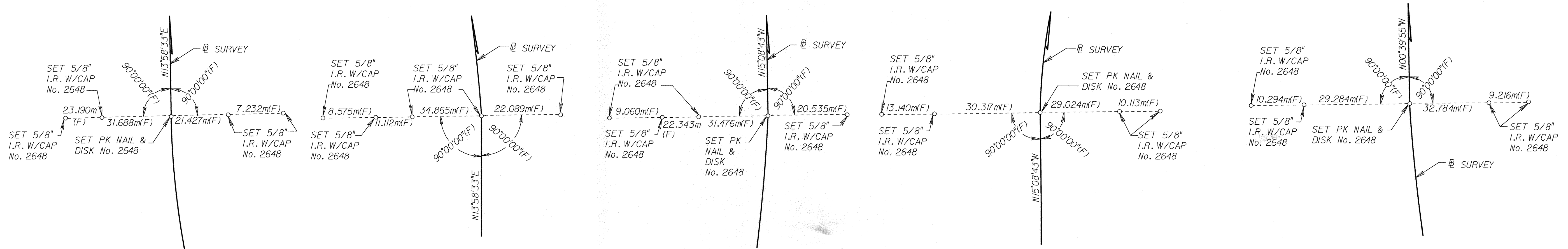
BY	DATE
PRELIM S. LOWE	10/15/97
FINAL D. HOLT	11/3/97
CHECKED A. SCHAEFER	11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434 SEMINOLE COUNTY
FPN 240167 I

MAPS PREPARED BY	D.R.M.P., INC.	FIELD BOOK NO. 'S
1505 E. COLONIAL DRIVE ORLANDO, FL 32803	200989, 2005696, 2010022, 201021	
W.P.I. NO. 5117665	SCALE: N.T.S.	

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SHEET 21 OF 25



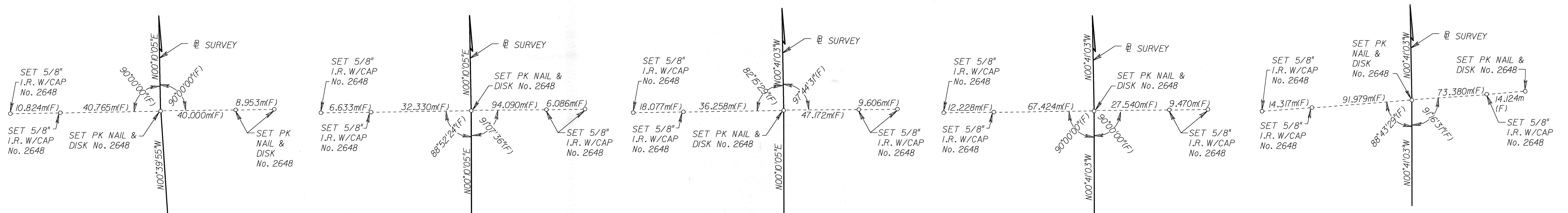
P.T. STA. 21+86.706

P.C. STA. 23+20.389

P.T. STA. 25+42.292

P.C. STA. 26+80.333

P.T. STA. 28+28.315



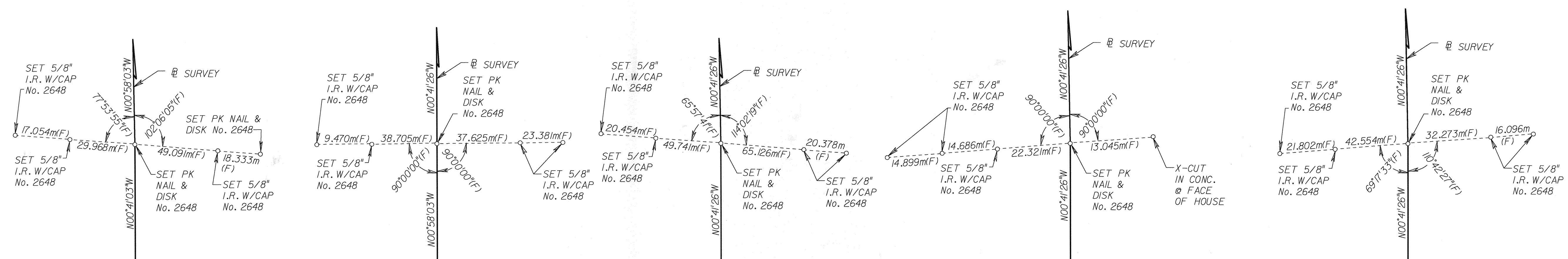
P.I. STA. 32+03.927

STA. 35+00.000

P.I. STA. 37+35.168

STA. 40+00.000

STA. 43+00.000



P.I. STA. 45+46.353

P.I. STA. 47+94.939

STA. 48+71.370

STA. 51+00.000

END STA. 52+60.000

REFERENCE POINTS NOT TO SCALE

REFERENCE POINT SHEET

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
JE Booth
DATE 4/30/99
FOR DISTRICT SECRETARY

REVISION	BY	DATE	REVISION	BY	DATE

BY	DATE
PRELIM S. LOWE	10/15/97
FINAL D. HOLT	11/3/97
CHECKED A. SCHAEFER	11/5/97

F.A. PROJECT NO. N/A SECTION 77170-2510

STATE ROAD NO. 434

SEMINOLE COUNTY

MAPS PREPARED BY D.R.M.P., INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803	FIELD BOOK NO. 15 200989, 2005696, 2010022, 201021
W.P.I. NO. 5117665	SCALE: N.T.S.

FPN 240167 I SHEET 22 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

TABLE

OF

OWNERSHIPS

PARCEL NO.	SHEET NO.	NAME	AREA TAKEN		REMAINDERS LEFT		REMAINDERS RIGHT		COMMENTS	RECORDING DATA	REVISION BLOCK		
			METRIC	(ENGLISH)	METRIC	(ENGLISH)	METRIC	(ENGLISH)					
101	4-6	HUNTER'S RESERVE MASTER ASSOCIATION, INC.	0.3909 HA	0.966 AC	4.5269 HA	11.186 AC	0	0		01-CA-123-313-K			
102	4,5	LBS, LTD.	833.7 SM	8973 SF	0	0	0.8892 HA	2.197 AC	ABBREVIATED PARENT TRACT	O.R.3795, PG.1543			
103	5	CWS COMMUNITIES, LP	236.1 SM	2541 SF	0	0	0.9584 HA	2.368 AC		01-CA-974-13			
104	5	STANLEY E. FRADKIN, TRUSTEE	48.1 SM	517 SF	0	0	4.6997 HA	11.613 AC		O.R.3915, PG.1887			
105	5	BAILES PROPERTIES, INC.	27.9 SM	300 SF	0	0	1.6124 HA	3.984 AC		O.R.3943, PG.0689			
106	5	ZIMMER POSTER SERVICE	80.5 SM	867 SF	0	0	0.5076 HA	1.254 AC		O.R.3853, PG.0517			
107	5,6	MAXINE R. DANN, TRUSTEE	625.3 SM	6731 SF	0	0	2.4327 HA	6.011 AC		O.R.4013, PG.0292			
108	6,7	CULTER RIDGE REGIONAL	1234.6 SM	13289 SF	7.8822 HA	19.477 AC	0	0		01-CA-1925			
109	7	CITY OF ORLANDO/SEMINOLE COUNTY	463.4 SM	4988 SF	N/A	N/A	0	0		O.R.3857, PG.0492			
110	6,7	CAMEO HOMES OF FLORIDA, INC. - VOID -	1.3881 HA	3.430 AC	0	0	6.1436 HA	15.181 AC					
111	7,8	WEAT LAND PARTNERS II, A FLORIDA GENERAL PARTNERSHIP	1.8942 HA	4.681 AC	5.4496 HA	13.465 AC	0	0	ABBREVIATED PARENT TRACT	01-CA-131-013-W			
112	8	GARY RANDALL, AS TRUSTEE	0.2136 HA	0.528 AC	2.5682 HA	6.346 AC	0	0		01-CA-738-13-G			
113	8	NEIL A. PATTERSON AND MILANA L. PATTERSON	933.5 HA	10,048 SF	1.1283 HA	2.788 AC	0	0		O.R.4123, PG.0999			
114	8,9	MARONDA HOMES, INC. OF FLORIDA	0.2112 HA	0.522 AC	0.2780 HA	0.687 AC	0	0		01-CA-131-013-W			
115	4	STOCKBRIDGE ENTERPRISES	9.8 SM	105 SF	0.3006 HA	0.743 AC	0	0		01-CA-738-13-G			
116	9	SANDRA K. GEORGE	315.2 SM	3393 SF	386.2 SM	4157 SF	0	0		O.R.3860, PG.1637			
117	2,9	LAKE HAYES PROPERTIES	0.6681 HA	1.651 AC	0.9265 HA	2.289 AC	0	0		O.R.4049, PG.0659			
118	5,8	SEMINOLE COUNTY	1022.3 SM	3354 SF	N/A	N/A	N/A	N/A		O.R.3901, PG.1502			
119	9	STILLWATER OF FLYING CLOUD HOMEOWNERS' ASSOCIATION, INC.	88.1 SM	948 SF	0	0	0.6846 HA	1.692 AC		O.R.4066, PG.1512			
120	N/A	CITY OF OVIEDO	0	0	0	0	0	0	EXISTING R/W	O.R.3905, PG.1864			
121	9	RONALD BURTH	90.1 SM	970 SF	1645.7 SM	17,714 SF	0	0		O.R.3829, PG.1630			
122	9	ROY C. JONES, JR. AND JUDITH M. JONES	0.5314 HA	1.313 AC	0	0	0	0		O.R.3959, PG.0299			
123	9	JOHN E. MARATTA	0.3308 HA	0.817 AC	0	0	0	0		O.R.3915, PG.1885			
124	9	FORREST E. DULANEY AND MARY B. DULANEY	1801.9 SM	19,396 SF	0	0	0	0		O.R.3883, PG.0024			
125	10	JAIME E. COLLAZO AND MARY COPANEZZOS	1984.8 SM	21,364 SF	0	0	0	0		O.R.3853, PG.0512			
126	10	LILLIAN E. JACKSON	0.5660 HA	1.399 AC	0.5793 HA	1.432 AC	0	0		O.R.4025, PG.0206	ADD 134 PART	S. POWELL	12/12/17
127	10	FRED ALFORD, ET AL	1184.90 SM	12,754 SF	0	0	0	0	WHOLE TAKE	O.R.3878, PG.1358	ADDED PARCEL 127 PART AND REVISED FORMAT FOR 10/28/11 REVISION TO PARCELS 129-131 TO SHOW AS SINGLE CONVEYANCE OF PARTS	S. MILLER	09/29/14
127 PART	10	FLORIDA DEPARTMENT OF TRANSPORTATION	894.6 SM	9629 SF	N/A	N/A	N/A	N/A	CONVEYED BY QCD TO EEN, LLC.	O.R.8321, PG.1667	REVISED COMMENTS PARCELS 129, 130 & 131	M. MELENDEZ	10/28/11
128	9	ROY C. JONES, JR. AND JUDITH M. JONES	527.3 SM	1720 SF	N/A	N/A	N/A	N/A	PRIVATE /PUBLIC ROAD	O.R.4055, PG.1929	ADD RECORDING DATA	A. ROUP	11/27/01
											RESTORED REM. PARCEL 111	S. MILLER	9/17/01
											REVISE REM. & NAME PARCEL 111	S. MILLER	8/14/01
											REVISE REM. PARCEL 108	A. ROUP	4/24/01
											REVISE PARCEL 134	A. ROUP	03/13/01
129	10	JACK W. SHARE, JR. AND LYNDA C. SHARE	1385.4 SM	14,913 SF	N/A	N/A	0	0	WHOLE TAKE	O.R.3820, PG.1084	PARCEL 134 - WHOLE TAKE	A. ROUP	03/05/01
130	10	LARRY J. GEHRLEIN AND LUCIA GEHRLEIN	1388.3 SM	14,944 SF	N/A	N/A	0	0	WHOLE TAKE	O.R.3905, PG.1873	ADD PARCELS 207,208	A. ROUP	02/06/01
131	10	DOROTHY M. BECKER, TRUSTEE	1388.3 SM	14.944 SF	N/A	N/A	0	0	WHOLE TAKE	O.R.3838, PG.0526	REVISE PARCEL 108	A. ROUP	02/06/01
129 PART, 130 PART, 131 PART	10	FLORIDA DEPARTMENT OF TRANSPORTATION	0.3423 HA	0.8458 AC	N/A	N/A	0	0	CONVEYED BY QCD TO MAUREEN JEANETTE	O.R. 7627, PG. 1777	REVISE PARCEL 114	A. ROUP	01/29/01
											REVISE TAKE PARCEL 101	P. McCRAY	9-20-00
											ADD REC. DATA	A. ROUP	7-20-00
											NAME CHG. P. 103 & 108, WHOLE TAKE P. 130	A. ROUP	7-20-00
											REVISED PARCEL 119	P. McCRAY	7-6-00
											REVISION	BY	DATE
132	15	TYNG-LIN YANG, ET AL	48.1 SM	518 SF	0.8439 HA	2.085 AC	0	0		01-CA-974-13	NOTE:		
133	10	LISA BOCCHINO AND STEPHEN BOCCHINO	410.3 SM	4416 SF	1908.7 SM	20,545 SF	0	0		O.R.3947, PG.1152	sm = SQUARE METER		
											ha = HECTARE = 10000 m2		
134	10,11	KATERINA LUPTAK	0.7308 HA	1.806 AC	0	0	0	0	WHOLE TAKE	O.R.4034, PG.0774	ac = ACRE		
134 PART	10,11	DEPARTMENT OF TRANSPORTATION	0.6665 HA	1.647 AC	643.5 SM	6926 SF	0	0	CONVEYED BY QCD	O.R.8625, PG.0417	sf = square foot		
135	12	SCHOOL BOARD OF SEMINOLE COUNTY	23.2 SM	250 SF	0	0	10.001 HA	24.712 AC.		O.R.3934, PG.0298			
136	10	STEVEN MARK ALFORD	0.2100 HA	0.519 AC	0	0	0	0		O.R.3851, PG.0566			
137	10	RICHLAND RADIOLOGY, LTD.	83.7 SM	901 SF	0	0	0.5152 HA	1.273 AC		O.R.3877, PG.0136			
207	6,7	GRANDEVILLE AT RIVER PLACE, LTD.	0.2115 HA	0.523 AC	11.6047 HA	28.676 AC	0	0	P.E. / OPEN DITCH	01-CA-1925			
208	7	ALAFAYA ONE	764.4 SM	8230 SF	0.5297 HA	1.309 AC	0	0	P.E. / OPEN DITCH	01-CA-1925			

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY

J.E. Booth
FOR DISTRICT SECRETARY

DATE

4-30-99

REVISED PARCEL 111

REVISED PARCEL 111

ADD PARCEL 128

REV. TAKE PARCEL 111

P. McCRAY

S. WALKER

P. McCRAY

P. McCRAY

5-08-00

3-17-00

2-22-00

2-01-00

REVISED PAR. 126 & 127

NAME CHG. PAR. 132

REVISED PARCEL 101, 111 & VOIDED PARCEL 110

VOIDED PARCEL 110

D. MOTT

S. WALKER

P. McCRAY

K. JOHNS

01-20-2000

11-10-99

10-14-99

9-28-99

PRELIM

FINAL

CHECKED

BY

S. LOWE

D. HOLT

A. SCHAEFER

DATE

10/15/97

11/3/97

11/5/97

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TABLE

OF

OWNERSHIPS

PARCEL NO.	SHEET NO.	NAME	AREA TAKEN		REMAINDERS LEFT		REMAINDERS RIGHT		COMMENTS	RECORDING DATA	REVISION BLOCK		
			METRIC	(ENGLISH)	METRIC	(ENGLISH)	METRIC	(ENGLISH)					
138	10	ROBERT J. VALONE AND JEAN A. VALONE	42.9 SM	462 SF	0	0	1386.3 SM	14,922 SF		O.R. 3963, PG. 3350			
139	10	SUSAN O. STEWART	0.2376 HA	0.587 AC	0	0	0	0		O.R. 3974, PG. 0472			
140	10	JOSEPH TORRES, ET UX	54.7 SM	589 SF	0	0	0.2276 SM	0.562 AC		O.R. 3874, PG. 1095			
141	10	JACK L. COX AND JOAN L. COX	39.8 SM	428 SF	0	0	1653.9 SM	17,802 SF		O.R. 3857, PG. 0487			
142	10	MARGARET KATHRYN STOUTD, ET VIR	98.2 SM	1057 SF	0	0	0.2215 HA	0.547 AC		O.R. 3901, PG. 1499			
143	11	DZUNG T. EWEN	116.0 SM	1249 SF	0	0	0.2056 HA	0.508 AC		O.R. 3996, PG. 1473			
144	11	THOMAS E. NORRELL	119.0 SM	1280.9 SF	0	0	0.2315 HA	0.572 AC		O.R. 3996, PG. 0259			
145	11	SUZANNE H. EBAUGH, TRUSTEE	237.9 SM	2561 SF	0	0	1.8743 HA	4.631 AC		O.R. 3985, PG. 1601			
146	11	CANTERBURY COVE HOMEOWNER'S ASSOCIATION, INC.	89.4 SM	962 SF	0	0	889.9 SM	9579 SF		O.R. 4088, PG. 0330			
147	11	JUL INVESTMENTS, INC.	202.6 SM	2181 SF	0	0	1953.2 SM	21,023 SF		O.R. 4107, PG. 0625			
148	11	CHAPMAN OAKS HOMEOWNERS ASSOC., INC.	264.7 SM	2849 SF	0	0	0.6216 HA	1.536 AC		01-CA-974-13			
149	11	JACK H. BRAY	30.2 SM	325 SF	0	0	527.6 SM	5679 SF		O.R. 4105, PG. 0305			
150	11	UDELL F. HOLMES	369.7 SM	3979 SF	1789.0 SM	19,256 SF	0	0		O.R. 3942, PG. 0382			
151	11	DOLORES A. COBB	452.6 SM	4872 SF	0.2190 HA	0.541 AC	0	0		O.R. 3942, PG. 0380			
152	11	EASTON PARK HOMEOWNER'S ASSOCIATION, INC. VOID	16.6 SM	179 SF	265.3 SM	2856 SF	0	0					
153	11	ARACELLI CASTILLO VOID	32.7 SM	352 SF	529.0 SM	5694 SF	0	0					
154	11	LENNAR HOMES, INC. VOID	26.2 SM	282 SF	495.1 SM	5329 SF	0	0					
155	11	MARIANO LEMUS, JR. AND ROBYN J. LEMUS VOID	19.8 SM	213 SF	500.6 SM	5388 SF	0	0					
156	11	FLOR L. PAGAN VOID	16.6 SM	179 SF	659.9 SM	7103 SF	0	0					
157	11	OLYMPIA DEVELOPMENT, INC.	993.2 SM	10,691 SF	109.1 SM	1174 SF	0	0		O.R. 3990, PG. 1436			
158	11	WATSON REALTY CORPORATION	332.7 SM	3581 SF	0	0	0.5807 HA	1.435 AC		O.R. 4072, PG. 1361			
159	12	WEB PROPERTIES, INC.	723.2 SM	7784 SF			0.5966 HA	1.474 AC		01-CA-974-13			
160	11	BRYANT N. HICKSON	167.7 SM	1805 SF	1546.2 SM	16,643 SF	0	0		O.R. 3857, PG. 0490			
161	12	MOTIVA ENTERPRISES, LLC	1240.3 SM	13,350 SF	0.4659 HA	1.151 AC	0	0		O.R. 4049, PG. 0653			
162	12	THOMAS L. BELL AND CATHY L. BELL	133.0 SM	1432 SF	0.3689 HA	0.912 AC	0	0		O.R. 3942, PG. 0370			
163	12	MOTIVA ENTERPRISES LLC.	368.3 SM	3963 SF	0	0	0.5625 HA	1.390 AC		01-CA-818-13-L			
164	12,13	ALAFAYA CENTRAL PARTNERSHIP	0.2362 HA	0.584 AC	0	0	4.4366 HA	10.963 AC		01-CA-818-13-L			
165	12,13,18	G. ANDREW SPEER AND THOMAS A. SPEER	3.3188 HA	8.201 AC	11.5592 HA	28.563 AC	0	0		O.R. 4079, PG. 1995			
166	13	DUNHILL HOMEOWNERS ASSOCIATION, INC.	495.0 SM	5328 SF	3.7644 HA	9.302 AC	0	0		O.R. 4034, PG. 0776			
167	4,13,14	DARYL M. CARTER, TRUSTEE	617.9 SM	6651 SF	9.4634 HA	23.326 AC	0	0		O.R. 4086, PG. 0240			
168	13,14	EPISCOPAL RETREAT AND CONFERENCE CENTER	0.4185 HA	1.034 AC	0	0	15.3378 HA	37.900 AC		01-CA-818-13-L			
169	14	ALAFAYA WOODS HOMEOWNER'S ASSOCIATION, INC.	780.3 SM	8399 SF	0	0	430.0 SM	4628 SF		01-CA-818-13-L			
170	14	THE CITIZENS BANK OF OVIEDO	304.8 SM	3281 SF	0	0	0.8207 HA	2.028 AC		01-CA-738-13-G			
171	14	ALAFAYA POINT, INC.	541.8 SM	5832 SF	0	0	0.3508 HA	0.867 AC		O.R. 3999, PG. 0569			
172	14,15	ALAFAYA SQUARE ASSOCIATES, LTD.	0.2036 HA	0.503 AC	0	0	8.8200 HA	21.799 AC		01-CA-818-13-L			
173	14	INSURANCE COLLISION SPECIALISTS OF OVIEDO, LLP	206.5 SM	2223 SF	0.8020 HA	1.982 AC	0	0		01-CA-974-13			
174	14	SHURGARD - OVIEDO JOINT VENTURE	88.0 SM	947 SF	3.6518 HA	9.024 AC	0	0		01-CA-974-13			
175	14	BASSAM I. NASSER, TRUSTEE	307.4 SM	3309 SF	3.4873 HA	8.617 AC	0	0		O.R. 4002, PG. 1370			
176	14,15	AMK JOINT PARTNERSHIP	223.3 SM	2404 SF	0.5652 HA	1.397 AC	0	0		01-CA-738-13-G			

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
Joe Booth
FOR DISTRICT SECRETARY

DATE
4-30-99

REVISE PARCEL 148
REV.P.149,158,159,163
REV.P.147,168
REV.P.145,163,166,175
ADD PAR.158 REV.TAKE 148 P.McCRAY

P.McCRAY
P.McCRAY
S.WALKER
P.McCRAY

5-31-00
5-12-00
3-16-00
1-27-00

NAME CHG. P.144,167
REV.PAR.143,152,156,157
VOIDED PAR.153,154,155
REV. PAR. 164
ADD PAR. 159

P.McCRAY
S.WALKER
S.WALKER

10-14-99
9-28-99
8-18-99
8-18-99

PRELIM
FINAL
CHECKED

BY
S. LOWE
A.SCHAEFER

DATE
10/15/97
11/15/97

F.A. PROJECT NO. N/A

SECTION 77170-2510

STATE ROAD NO. 434

SEMINOLE COUNTY

MAPS PREPARED BY
1505 E.COLONIAL DRIVE
ORLANDO, FL 32803
W.P.I. NO. 5117665

FIELD BOOK NO.'S
200989, 2005696, 2010022, 201021
SCALE: N/A

FPN 240167 I

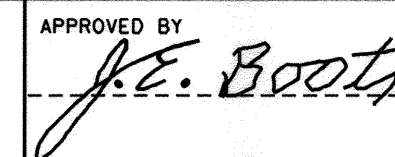
SHEET 24 OF 25

NOTE:
sm = SQUARE METER
ha = HECTARE = 10000 m2
ac = ACRE
sf = square foot

LEGEND

PARCEL NUMBER IDENTIFICATION	TYPE USE
100-699	DEEDS OF ALL TYPES
700-799	TEMPORARY EASEMENTS
800-899	PERPETUAL EASEMENTS
900-999	LICENSE AGREEMENT

OWNERSHIPS

PARCEL NO.	SHEET NO.	NAME	AREA TAKEN		REMAINDERS LEFT		REMAINDERS RIGHT		COMMENTS	RECORDING DATA	REVISION BLOCK													
			METRIC	(ENGLISH)	METRIC	(ENGLISH)	METRIC	(ENGLISH)																
177	15	SAN BARONTO, INC.	99.7 SM	1073 SF	0.4379 HA	1.082 AC	0	0		0.R. 4104, PG. 0230														
178	15	FOUNTAIN - WEST, A LIMITED PARTNERSHIP	50.8 SM	547 SF	0.8949 HA	2.211 AC	0	0		01-CA-738-13-G														
179	15	HASSAN SOLTANI AND JOHN T. TOBIN, JR.	50.4 SM	542 SF	1018.7 SM	10,965 SF	0	0		01-CA-818-13-L														
180	15	FREDERICK W. FRANZ AND KATHY L. FRANZ	40.3 SM	434 SF	761.4 SM	8196 SF	0	0		0.R. 4123, PG. 0994														
181	15	ROBERT J. MOJA	44.0 SM	474 SF	757.6 SM	8155 AC	0	0		01-CA-891-13-W														
182	15	ORLANDO RESTAURANTS REAL ESTATE JOINT VENTURE	111.1 SM	1196 SF	0.3694 HA	0.913 AC	0	0		01-CA-891-13-W														
183	15,16	ALBERTSON'S INC.	552.8 SM	5950 SF	3.3770 HA	8.344 AC	0	0		01-CA-891-13-W														
184	15	CHEVRON U.S.A. INC.	948.5 SM	10,209 SF	0	0	0.4410 HA	1.090 AC		01-CA-891-13-W														
185	15	BANK OF AMERICA, N.A.	754.3 SM	8119 SF	0	0	0.8068 HA	1.994 AC		01-CA-891-13-W														
186	15	RUSSEL W. BOSTON	466.1 SM	5017 SF	0	0	2.2456 HA	5.549 AC		0.R. 4052, PG. 0771														
187	15	WINDERMERE GROVES, INC.	406.6 SM	4377 SF	0	0	0.9932 HA	2.454 AC		0.R. 4072, PG. 1367														
188	16	AMOCO OIL COMPANY	296.1 SM	3187 SF	0.4097 HA	1.013 AC	0	0		01-CA-974-13														
189	16	JAMES JOSEPH DEZEGO JR. AND PATRICIA ANN DEZEGO	212.7 SM	2289 SF	0.2514 HA	0.621 AC	0	0		01-CA-738-13-G														
190	16	RICHARD F. TRISMEN & THOMAS P. WARLOW, III, IND. & CO-TR	441.6 SM	4753 SF	1.2243 HA	3.025 AC	0	0		0.R. 3915, PG. 1890														
191	16	MARY E. BOSTON	96.8 SM	1042 SF	1345.6 SM	14,484 SF	0	0		0.R. 3947, PG. 1150														
192	16	ANTHONY D. MAYS AND BEATRICE L. MAYS	82.8 SM	891 SF	775.5 SM	8347 SF	0	0		0.R. 4028, PG. 1506														
193	16	CHARLES LEE MARIMON AND NANCY MARIMON	15.2 SM	164 SF	1450.5 SM	15,613 SF	0	0		0.R. 3877, PG. 0134														
194	16	TOWN OF OVIEDO	23.6 SM	254 SF	1761.4 SM	18,959 SF	0	0		0.R. 3905, PG. 1871														
195	16	C. LEE CLONTS, ET AL	103.5 SM	1114 SF	0.7759 HA	1.917 AC	0	0		0.R. 4072, PG. 1369														
196	15,16	LOUIS L. HUNTLEY ENTERPRISES	332.7 SM	3581 SF	0	0	0.5388 HA	1.331 AC		01-CA-974-13														
197	16	WALGREEN CO.	738.5 SM	7949 SF	0	0	0.7294 HA	1.802 AC		01-CA-738-13-G														
198	16	GENNIE WILLIAMS	397.7 SM	4281 SF	0	0	0.3989 HA	0.986 AC		01-CA-161-913-L														
199	16	WEST OF EDEN PARTNERSHIP	395.3 SM	4254 SF	0	0	0.6837 HA	1.689 AC		01-CA-891-13-W														
200	16	MARY SUE JACKSON	178.4 SM	1920 SF	0	0	524.0 SM	5640 SF		0.R. 3968, PG. 0100														
201	16	MAE F. HIRD, ET AL	26.7 SM	287 SF	0	0	1.8546 HA	4.583 AC		0.R. 3897, PG. 0578														
202	18	RICHARD S. WOODRUFF AND MARILYN M. WOODRUFF	297.7 SM	3204 SF	0.3787 HA	0.936 AC	0	0		0.R. 4060, PG. 1805														
203 VOID	18	DON G. GALLAGHER, ET AL	195.5 SM	2104 SF	0.3680 HA	0.909 AC	0	0																
204	18	THOMAS N. MAZZA AND JEANETTE M. MAZZA	171.8 SM	1849 SF	0.3914 HA	0.967 AC	0	0		0.R. 4031, PG. 0334														
205	18	STEPHEN J. RATCLIFF	103.4 SM	1113 SF	0.3984 HA	0.984 AC	0	0		0.R. 4009, PG. 1428														
206	18	BARBARA S. CASHION	200.0 SM	2153 SF	0.5861 HA	1.448 AC	0	0		0.R. 3938, PG. 0007														
800	5,6	HUNTER'S RESERVE MASTER ASSOCIATION, INC.	529.3 SM	5697 SF	SEE PARCEL 101			P.E. / MAINTENANCE		01-CA-123-313-K	ADD PARCELS 810 & 811 ADD RECORDING DATA RESTORED P. 803, REMOVED P. 809 REVISED NAME & AREA P. 803, ADDED P. 809 REVISE AREA P. 807 & 808 ADD PARCELS 807,808 & REVISE PAR. 805 REVISE AREA P. 805 VOID P. 802 REVISE AREAS P. 202,204,205 VOID P. 203 NAME CHANGES P. 801, 802 & 805 REV. PAR.803			J. SHEPHERD A. ROUP S. MILLER A. ROUP A. ROUP J. SHEPHERD P. McCRAY A. ROUP P. McCRAY	06/22/07 11/27/01 9/17/01 8/14/01 4/24/01 02/06/01 10/03/00 09/26/00 07/20/00 05/08/00									
801	5,6	CULTER RIDGE REGIONAL CENTER, LTD.	544.9 SM	5865 SF	SEE PARCEL 108			P.E. / MAINTENANCE		01-CA-1925	BY DATE													
802	6,7	RIVERWIND AT ALAFAYA TRAIL	1453.5 SM	15,645 SF				7,531.7 HA	18,611 AC	P.E. / MAINTENANCE	NOTE: sm = SQUARE METER ha = HECTARE = 10000 m2 ac= ACRE sf= square foot													
803	7	WEAT LAND PARTNERS II, A FLORIDA GENERAL PARTNERSHIP	831.9 SM	8955 SF	SEE PARCEL 111			P.E. / OPEN DITCH		01-CA-131-013-W	LEGEND													
804	13	EPISCOPAL RETREAT AND CONFERENCE CENTER	424.0 SM	4572 SF	SEE PARCEL 168			HARMONIZING EASEMENT			PARCEL NUMBER IDENTIFICATION													
805	6	CUTLER RIDGE REGIONAL CENTER, LTD.	833.5 SM	8972 SF	SEE PARCEL 108			P.E. / OPEN DITCH		01-CA-1925	TYPE USE													
806	6	T.I.I.T.F.	25985.1 SM	6.421 AC	N/A	N/A	N/A	N/A	SUBMERGED LANDS - R/W EASEMENT	0.R. 3951, PG. 1779	100-699 700-799 800-899 900-999													
807	6,7	GRANDEVILLE AT RIVER PLACE, LTD.	0.2613 HA	0.646 AC	SEE PARCEL 207 ON SHEET 6 & 7			P.E. / OPEN DITCH		01-CA-1925	DEEDS OF ALL TYPES TEMPORARY EASEMENTS PERPETUAL EASEMENTS LICENSE AGREEMENT													
808	7	ALAFAYA ONE	519.4 SM	5591 SF	SEE PARCEL 208 ON SHEET 7			P.E. / OPEN DITCH		01-CA-1925														
809	7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	REMOVED, SEE REVISION BLOCK	N/A														
810	13,14,19	ROCHE DEVELOPMENT GROUP INC.	3796.3 SM	40864 SF	N/A	N/A	N/A	N/A	PERPETUAL DRAINAGE EASEMENT	BOOK 06587, PAGES 1777 - 1779														
811	13,14,19	ODYSSEY(II) DP XVII L.L.C.	981.7 SM	10567 SF	N/A	N/A	N/A	N/A	PERPETUAL DRAINAGE EASEMENT	BOOK 06587, PAGES 1783 - 1784														
RIGHT OF WAY MAP			FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAPPING		APPROVED BY  FOR DISTRICT SECRETARY		DATE 4-30-99	REV. P. 183 REV. TAKE PAR. 803 REV. TAKE PAR. 803 REV. PARCELS 199,201	S. WALKER P. McCRAY P. McCRAY P. McCRAY	3-17-00 02/22/00 2/8/00 1-27-00 11-12-00	REV. PAR. 803 NAME CHG. PAR. 203 REVISED PARCEL 802,803, VOIDED PARCEL 804 ADDED PAR.806	S. WALKER P. McCRAY K. JOHNS D. MOTT	11-10-99 10-14-99 9-28-99 7/29/99	PRELIM FINAL CHECKED	BY S. LOWE D. HOLT A. SCHAEFER	DATE 10/15/97 11/3/97 11/5/97	F.A. PROJECT NO. N/A STATE ROAD NO. 434		SECTION 77170-2510 SEMINOLE COUNTY		MAPS PREPARED BY D.R.M.P. INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803 FIELD BOOK NO.'S 200989,2005696,2010022,201021 SCALE: N/A		FPN 240167 I SHEET 25 OF 25	

LEGEND

& = AND
 ALUM. = ALUMINUM
 B. = BASELINE
 BLVD. = BOULEVARD
 (C) = CALCULATED DATA
 C.C.R. = CERTIFIED CORNER RECORD
 C. = CENTERLINE
 C.L.F. = CHAIN LINK FENCE
 COMM. = COMMERCIAL
 CONC. = CONCRETE
 C.M. = CONCRETE MONUMENT
 * = DEGREES
 Δ = DELTA (CENTRAL ANGLE/DEFLECTION ANGLE)
 DR. = DRIVE
 D.R.M.P. = DYER, RIDDLE, MILLS AND PRECOURT INC.
 E. = EAST
 E. = EASTING PLANE COORDINATE VALUE
 E.O.P. = EDGE OF PAVEMENT
 F.A. = FEDERAL AID
 F. = FEET/MINUTES
 -X- = FENCE
 (F) = FIELD DATA
 FLA./FL. = FLORIDA
 HWY. = HIGHWAY
 I.D. = IDENTIFICATION
 I. = INCHES/SECONDS
 INC. = INCORPORATED
 I.P. = IRON PIPE
 I.R. = IRON ROD
 L. = LENGTH OF CURVE
 L.B. = LICENSED BUSINESS
 L.O.C. = LIMITS OF CONSTRUCTION
 L.S. = LICENSED SURVEYOR
 LT. = LEFT
 M. = METERS
 N & D = NAIL AND DISK
 N.E. = NORTHEAST
 N. = NORTH
 N.A.D. = NORTH AMERICAN DATUM
 N.W. = NORTHWEST
 N. = NORTHING PLANE COORDINATE VALUE
 N/A = NOT APPLICABLE
 N.T.S. = NOT TO SCALE
 NO. = NUMBER
 P.C. = POINT OF CURVATURE
 PG. = PAGE/PAGES
 P.R.C. = POINT OF REVERSE CURVATURE
 P.I. = POINT OF INTERSECTION
 P.K. = PARKER KALON
 P.T. = POINT OF TANGENCY
 POP. = POPULATION
 PRELIM. = PRELIMINARY
 R. = RADIUS/RANGE
 RGE. = RANGE
 R.L.S. = REGISTERED LAND SURVEYOR
 RT. = RIGHT
 SEC. = SECTION
 S. = SIGN
 S. = SOUTH
 S.R. = STATE ROAD
 STA. = STATION
 S.E. = SOUTHEAST
 S.W. = SOUTHWEST
 TWP. = TOWNSHIP
 T. = TANGENT LENGTH OF CURVE/TOWNSHIP
 W. = WEST
 W/ = WITH
 W.P.I. = WORK PROGRAM ITEM

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

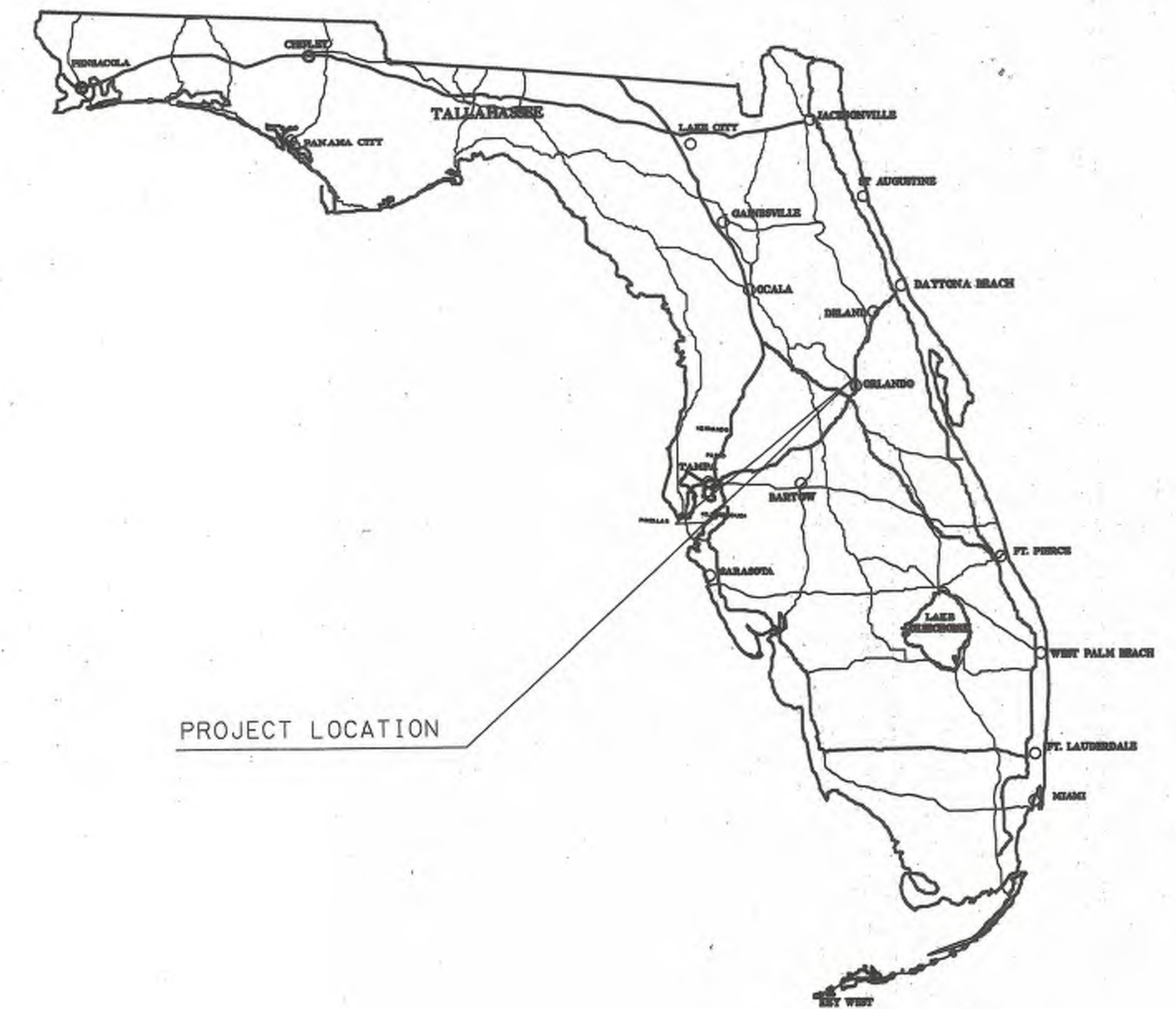
STATE ROAD NO. 434 - ALAFAYA TRAIL

F.P. NO. 240167 I

W.P.I. NO. 5117665

STATE PROJECT NO. 77170-2510

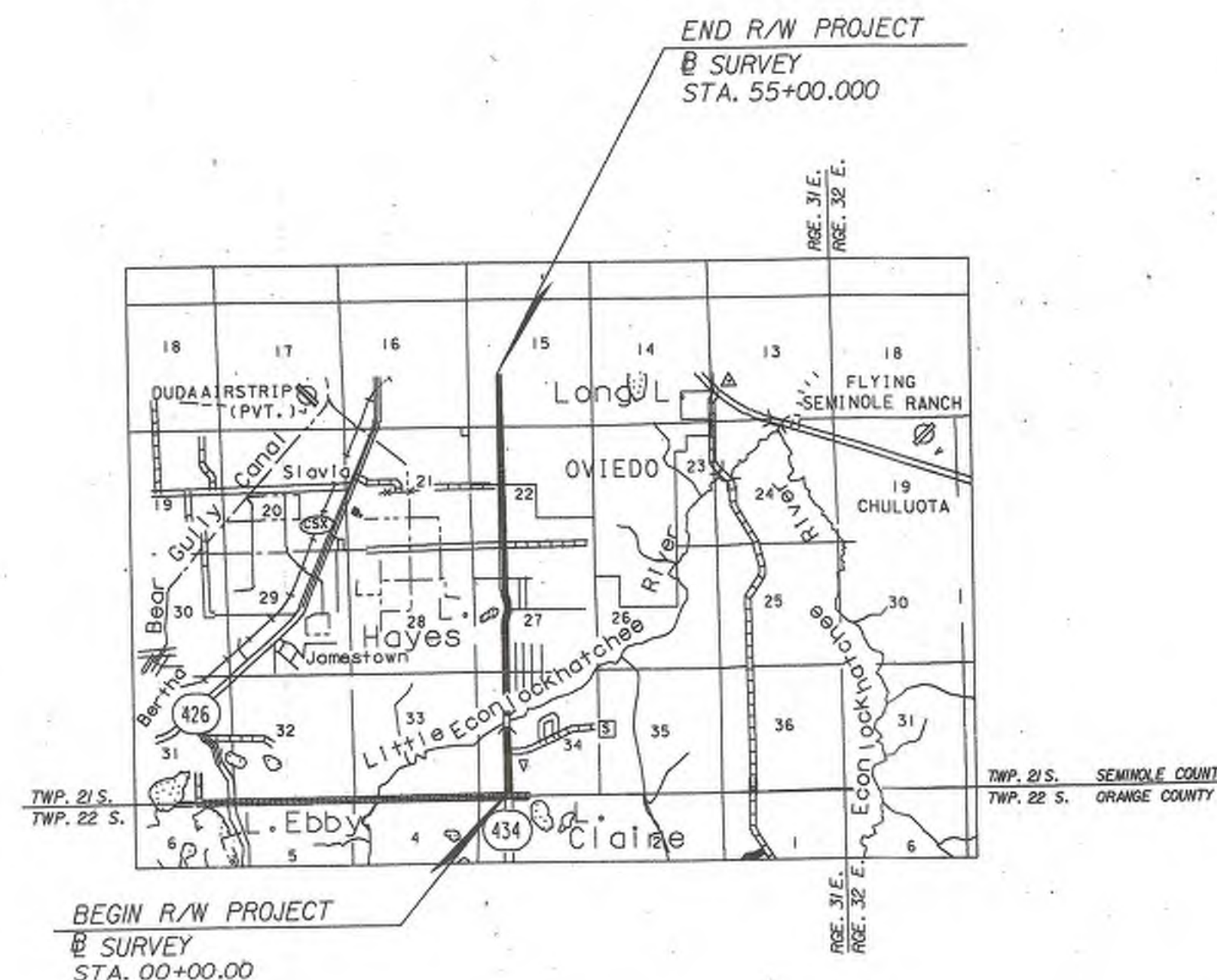
SEMINOLE COUNTY



PROJECT LOCATION

GENERAL NOTES

- THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ORANGE COUNTY GEODETIC SYSTEM, EAST ZONE, 1983 NORTH AMERICAN DATUM, 1990 ADJUSTMENT, AS ESTABLISHED FROM G.I.S. MONUMENT NO. 1741E-179746.0482, N=474033.6962 G.I.S. MONUMENT NO. 1751E-180286.6453, N=474038.2502, DERIVING A BEARING OF N00°41'59"W BETWEEN CENTERLINE OF SURVEY STATION 0+20.992 AND STATION 2+55.566.
- THE CURVE DATA (TANGENT AND LENGTH) AND THE CENTERLINE OF SURVEY STATIONING HAS BEEN CALCULATED BASED ON THE CENTRAL ANGLE OF THE CURVES EXPRESSED TO ONE-TENTH (0.01) OF A SECOND, AS DERIVED FROM THE COORDINATE VALUES FOR THE POINT OF INTERSECTION (P.I.) OF SAID CURVES. THE CENTRAL ANGLE OF THE CURVES AND ALL BEARINGS SHOWN HEREON HAVE BEEN ROUNDED TO THE NEAREST SECOND (00") PER FLORIDA DEPARTMENT OF TRANSPORTATION MAPPING STANDARDS.
- UNLESS OTHERWISE NOTED ALL THE DATA DESIGNATED AS (F) IS THE RESULT OF DIRECT FIELD MEASUREMENTS; CALCULATED FROM A CLOSED FIELD TRAVERSE OR CALCULATED FROM REDUNDANT FIELD MEASUREMENTS.
- THE EXISTING RIGHT OF WAY LINES AS SHOWN HEREON ARE BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAPS, SECTION 7756-150, RECORD TITLE OR PLAT DEDICATION, UNLESS SPECIFICALLY SHOWN OTHERWISE.
- ATTENTION IS DIRECTED TO THE FACT THAT THESE MAPS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN SCALING DATA.
- PROPERTY BOUNDARIES DETERMINED FROM FIELD SURVEY, PLATS OF RECORD, AND RECORD TITLE.
- UNDERGROUND FOUNDATION ENCROACHMENTS IF ANY, NOT LOCATED.
- RIGHT OF WAY MONUMENTS TO BE SET AFTER CONSTRUCTION OF PROJECT IS COMPLETE.
- ONLY FIXED IMPROVEMENTS PERTINENT TO THE PARCELS TO BE ACQUIRED ARE SHOWN.
- THIS RIGHT OF WAY MAP WAS PREPARED FOR THE PURPOSE OF PREPARING LEGAL LAND DESCRIPTIONS, ACQUISITION DOCUMENTS, MONUMENTATION, PROPERTY MANAGEMENT AND AS AN AID IN THE APPRAISAL OF THE RIGHT OF WAY REQUIRED FOR TRANSPORTATION FACILITIES. THIS MAP IS NOT A SURVEY.
- THIS RIGHT OF WAY MAP IS SUPPORTED BY A RIGHT OF WAY CONTROL SURVEY DATED NOVEMBER 5, 1997, PREPARED UNDER THE RESPONSIBLE CHARGE OF DENNIS M. TUTEN, FLORIDA PROFESSIONAL SURVEYOR AND MAPPER NUMBER 4011. CERTIFIED COPIES OF THIS SURVEY ARE FILED OF RECORD IN THE DISTRICT 5 OFFICE IN DELAND.



METRIC
N.T.S.

RIGHT OF WAY MAPS PREPARED BY
DRMP
 DYER, RIDDLE, MILLS & PRECOURT, INC.
 ENGINEERS SURVEYORS
 1505 E. COLONIAL DRIVE
 ORLANDO, FLORIDA 32803
 (407) 896-0594

COVER SHEET

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY MAPPING

APPROVED BY
 DATE
 4/30/99

REVISION
 BY
 DATE

BY
 DATE
 PRELIM S. LOWE 10/15/97
 FINAL D. HOLT 11/3/97
 CHECKED A. SCHAEFER 11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510 1997
 STATE ROAD NO. 434
 SEMINOLE COUNTY
 FPN 240167 I
 SHEET 1 OF 25

R. 434 FROM McCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

TOWNSHIP 21 SOUTH, RANGE 31 EAST

0 m 100 m 200 m
SCALE 1 : 5000

METRIC

CURVE 1
P.I. STA. 0+0.496
N = 474,045.8886
E = 179,697.4068
Δ = 0° 41' 19" (LT.)
T = 10.496m
L = 20.992m
R = 1746.380m
P.C. STA. 0+00.000
P.T. STA. 0+20.992

CURVE 2
P.I. STA. 3+30.044
N = 474,365.4127
E = 179,693.5037
Δ = 1° 10' 51" (LT.)
T = 74.478m
L = 148.950m
R = 7226.649m
P.C. STA. 2+55.566
P.T. STA. 4+04.516

CURVE 3
P.I. STA. 5+05.887
N = 474,541.663
E = 179,687.7324
Δ = 1° 36' 26" (RT.)
T = 101.371m
L = 202.728m
R = 7226.649m
P.C. STA. 4+04.516
P.T. STA. 6+07.245

CURVE 4
P.I. STA. 11+25.275
N = 475,160.5437
E = 179,682.8177
Δ = 1° 34' 57" (LT.)
T = 99.811m
L = 199.609m
R = 7226.649m
P.C. STA. 10+25.464
P.T. STA. 12+25.073

CURVE 5
P.I. STA. 12+91.659
N = 475,326.8095
E = 179,676.2194
Δ = 3° 09' 27" (RT.)
T = 66.586m
L = 133.138m
R = 2415.959m
P.C. STA. 12+25.073
P.T. STA. 13+58.211

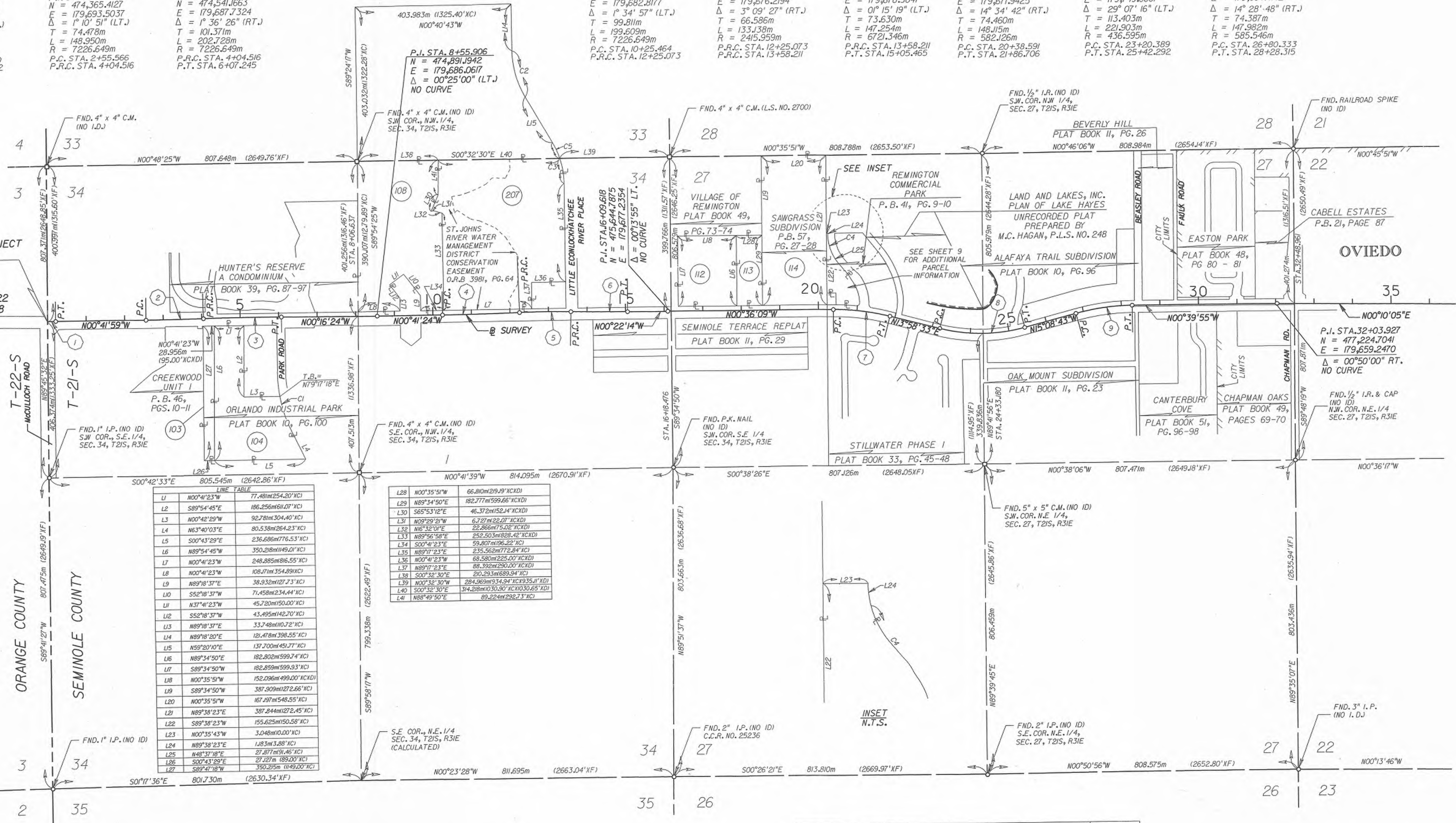
CURVE 6
P.I. STA. 14+31.841
N = 475,467.0088
E = 179,678.3847
Δ = 0° 15' 19" (LT.)
T = 73.630m
L = 147.254m
R = 6721.346m
P.C. STA. 13+58.211
P.T. STA. 15+05.465

CURVE 7
P.I. STA. 21+13.051
N = 475,467.0088
E = 179,671.9425
Δ = 14° 34' 42" (RT.)
T = 74.460m
L = 148.115m
R = 5821.26m
P.C. STA. 20+38.591
P.T. STA. 21+86.706

CURVE 8
P.I. STA. 24+33.792
N = 476,460.2199
E = 179,749.6001
Δ = 29° 07' 16" (LT.)
T = 113.403m
L = 221.903m
R = 436.595m
P.C. STA. 23+20.389
P.T. STA. 25+42.292

CURVE 9
P.I. STA. 27+54.720
N = 476,774.7344
E = 179,664.4712
Δ = 14° 28' 48" (RT.)
T = 74.387m
L = 147.982m
R = 585.546m
P.C. STA. 26+80.333
P.T. STA. 28+28.315

BEGIN R/W PROJECT
No. 77170-2510
S. R. 434
STA. 0+00.000
N = 474,035.3922
E = 179,697.4088



LINE TABLE

L1	N00°41'23"W	77.481m(254.20'XC)
L2	S89°54'45"E	186.256m(611.07'XC)
L3	N00°42'29"W	92.781m(304.40'XC)
L4	N63°40'03"E	80.538m(264.23'XC)
L5	S00°43'29"E	236.686m(776.53'XC)
L6	N89°54'45"W	350.218m(1149.01'XC)
L7	N00°41'23"W	248.285m(816.55'XC)
L8	N00°41'23"W	108.171m(354.89'XC)
L9	N89°18'37"E	38.932m(127.73'XC)
L10	S52°18'37"W	71.458m(234.44'XC)
L11	N37°41'23"W	45.720m(150.00'XC)
L12	S52°18'37"W	43.495m(142.70'XC)
L13	N89°18'37"E	33.748m(110.72'XC)
L14	N89°18'20"E	121.478m(398.55'XC)
L15	N59°20'10"E	137.700m(451.77'XC)
L16	N89°34'50"E	182.802m(599.74'XC)
L17	S89°34'50"W	182.859m(599.93'XC)
L18	N00°35'51"W	152.096m(499.00'XC)
L19	S89°34'50"W	387.309m(1272.66'XC)
L20	N00°35'51"W	167.591m(548.55'XC)
L21	N89°38'23"E	387.844m(1272.45'XC)
L22	S89°38'23"W	155.625m(508.58'XC)
L23	N00°35'43"W	3.048m(10.00'XC)
L24	N89°38'23"E	1.183m(3.88'XC)
L25	N48°37'18"E	27.871m(91.46'XC)
L26	S00°43'29"E	27.127m(89.00'XC)
L27	S89°47'18"W	350.255m(1149.00'XC)

L28	N00°35'51"W	66.810m(219.09'XC)
L29	N89°34'50"E	182.777m(598.66'XC)
L30	S65°53'12"E	46.372m(152.14'XC)
L31	N09°29'21"W	6.727m(22.07'XC)
L32	N16°32'01"E	22.866m(75.02'XC)
L33	N89°56'58"E	252.503m(828.42'XC)
L34	S00°41'23"E	59.807m(196.22'XC)
L35	N89°17'23"E	235.569m(772.84'XC)
L36	N00°41'23"W	68.580m(225.00'XC)
L37	N89°17'23"E	88.322m(289.84'XC)
L38	S00°32'30"E	210.293m(689.94'XC)
L39	N00°32'30"W	284.569m(934.54'XC)
L40	S00°32'30"E	314.218m(1030.90'XC)
L41	N88°49'50"E	89.224m(292.73'XC)

CURVE NO.	DELTA	RADIUS	LENGTH	CHORD	CHORD BEARING
C1	15°37'15"	352.587m(1157.78')	96.128m(315.38'XC)	95.830m(314.40'XC)	N7°28'41"E
C2	29°58'10"	243.84m(800.00')	127.545m(418.45'XC)	126.126m(413.70'XC)	N7°49'15"E
C3	17°40'34"	213.36m(700.00')	65.80m(215.34'XC)	65.560m(215.02'XC)	N80°27'01"E
C4	47°01'05"	123.44m(405.00')	88.374m(289.94'XC)	86.499m(283.79'XC)	N89°07'50"E
C5	12°16'42"	213.36m(700.00')	45.723m(150.00'XC)	45.635m(149.72'XC)	N65°28'26"E

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
DATE 4/30/99
FOR DISTRICT SECRETARY

REV.	AREA PAR.	108	A. ROUP	4/24/01	BY	DATE
ADD CONSERVATION EASE	S. WALKER	2/13/01	PRELIM	S. LOWE	10/15/97	
REV. P.T. PAR. 108:207	A. ROUP	01/22/01	FINAL	D. HOLT	11/23/97	
ADD PLAT 57/27	A. ROUP	5/31/00	CHECKED	A. SCHAEFER	11/5/97	
ADD PL. STA. 32+48.961	P. MCGRAT					

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434
SEMINOLE COUNTY
S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

KEY MAP

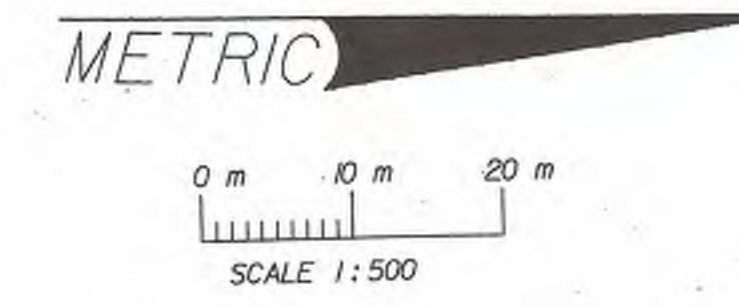
THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

MAPS PREPARED BY
D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803

FIELD BOOK NO. 15
200989.2005696.2010022.201021

W.P.I. NO. 5117665
SCALE: 1 : 5000
SHEET 2 OF 25

SECTION 34, TOWNSHIP 21 SOUTH, RANGE 31 EAST



HUNTER'S RESERVE, A CONDOMINIUM
PLAT BOOK 39 PAGES 87-97

PHASE XIII

PHASE XIII

RESERVE CIRCLE

TRACT 'G' OPEN SPACE

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

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EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

EXIST. R/W (PER F.D.O.T. SEC. 77170-2507)

BEGIN BASELINE SURVEY
STATE PROJECT No.
77170-2510
B SURVEY
STATE ROAD 434
STA. 00+00.000
N=474,035.3922
E=179,697.4088

LINE	BEARING	DISTANCE
L1	N89°19'37"E	3.729m (12.23'XC)
L2	N00°41'59"W	5.245m (17.21'XC)
L3	S34°42'37"W	6.435m (21.11'XC)
L4	S34°42'37"W	2.357m (7.73'XC)

B SURVEY
CURVE No. 1
P.J. STA. 00+10.496
N = 474,045.8886
E = 179,697.4068
Δ = 00°41'19" LT.
T = 10.496m (34.44')
L = 20.592m (67.87')
R = 1746.380m (5729.58')
P.C. STA. 00+00.000
P.T. STA. 00+20.992

B SURVEY
CURVE No. 2
P.J. STA. 3+30.044
N = 474,365.4127
E = 179,693.5037
Δ = 01°10'51" LT.
T = 74.478m (244.35')
L = 148.950m (488.68')
R = 7226.649m (23,709.43')
P.C. STA. 2+55.566
P.R.C. STA. 4+04.516

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
DATE
4/30/99
FOR DISTRICT SECRETARY

REVISION	BY	DATE

PRELIM
BY S. LOWE
DATE 10/15/97
FINAL
BY D. HOLT
DATE 11/23/97
CHECKED
BY A. SCHAEFER
DATE 11/15/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434

SEMINOLE COUNTY
FPN 240167 I

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

APR 30 1999

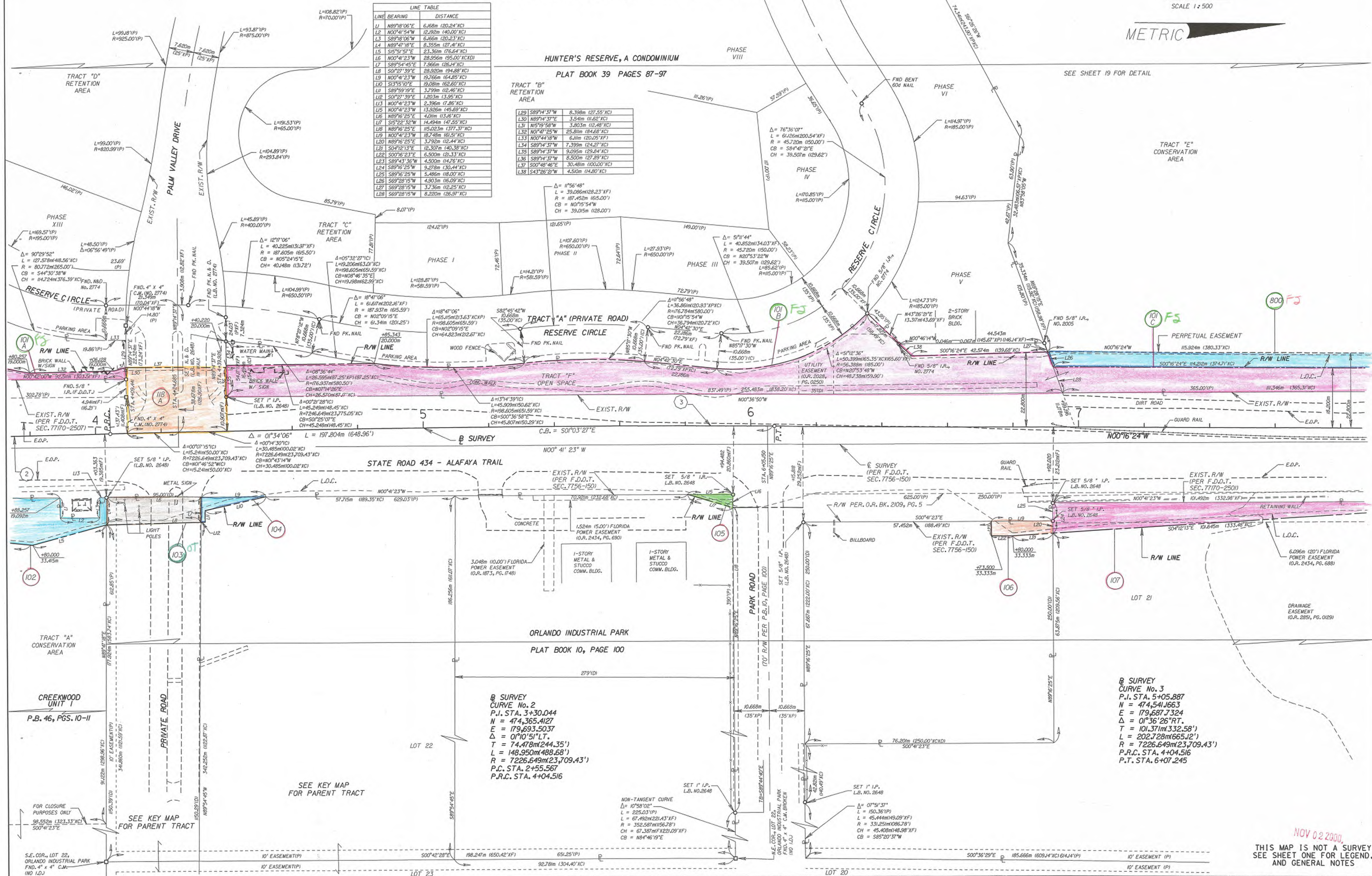
THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND
AND GENERAL NOTES

MAPS PREPARED BY
D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
W.P.I. NO. 5117665
FIELD BOOK NO. 5
200989, 2005696, 2010022, 201021
SCALE: 1" = 500'
SHEET 4 OF 25

SECTION 34, TOWNSHIP 21 SOUTH, RANGE 31 EAST

0 m 10 m 20 m
SCALE 1:500

METRIC



LINE TABLE

LINE	BEARING	DISTANCE
L1	N89°18'06"E	6.166m (20.24'XC)
L2	N00°41'54"W	12.92m (42.00'XC)
L3	S89°18'06"W	6.166m (20.24'XC)
L4	N89°47'18"E	8.355m (27.41'XC)
L5	S15°50'50"E	23.36m (76.64'XC)
L6	N00°41'23"W	28.956m (95.00'XC)
L7	S89°54'45"E	7.966m (26.14'XC)
L8	S0°22'39"E	28.920m (94.88'XC)
L9	N00°41'23"W	19.766m (64.85'XC)
L10	S15°50'50"E	19.08m (62.50'XC)
L11	S89°59'19"E	3.799m (12.46'XC)
L12	S0°22'39"E	1.803m (5.92'XC)
L13	N00°41'23"W	2.396m (7.86'XC)
L14	N00°41'23"W	13.926m (45.69'XC)
L15	N89°16'25"E	4.20m (13.81'XC)
L16	S15°50'50"E	14.494m (47.55'XC)
L17	N89°16'25"E	15.023m (49.28'XC)
L18	N00°41'23"W	18.748m (61.51'XC)
L19	N89°16'25"E	3.792m (12.44'XC)
L20	S0°42'15"E	12.307m (40.36'XC)
L21	S0°16'23"E	6.500m (21.33'XC)
L22	S89°43'36"W	4.500m (14.76'XC)
L23	S89°16'25"W	9.278m (30.44'XC)
L24	S89°16'25"W	5.466m (18.00'XC)
L25	S69°28'15"W	4.903m (16.09'XC)
L26	S69°28'15"W	3.736m (12.25'XC)
L27	S69°28'15"W	8.220m (26.97'XC)

L29	S89°14'37"W	8.398m (27.55'XC)
L30	N89°14'37"E	3.54m (11.62'XC)
L31	N15°19'58"W	3.803m (12.48'XC)
L32	N0°47'25"W	25.81m (84.68'XC)
L33	N00°44'18"W	6.81m (22.05'XC)
L34	S89°14'37"W	7.399m (24.27'XC)
L35	S89°14'37"W	9.095m (29.84'XC)
L36	S89°14'37"W	8.500m (27.89'XC)
L37	S00°48'46"E	30.48m (100.00'XC)
L38	S43°26'27"W	4.50m (14.80'XC)

Δ = 11°56'48"
L = 39.086m (128.23'XF)
R = 187.452m (615.00')
CB = N0°15'54"W
CH = 39.095m (128.00')

Δ = 12°11'06"
L = 40.225m (131.97'XF)
R = 187.605m (615.50')
CB = N05°24'15"E
CH = 40.448m (131.72')

Δ = 18°41'06"
L = 61.515m (202.16'XF)
R = 187.937m (615.59')
CB = N02°09'15"E
CH = 61.341m (201.25')

Δ = 18°41'06"
L = 61.515m (202.16'XF)
R = 187.937m (615.59')
CB = N02°09'15"E
CH = 61.341m (201.25')

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

Δ = 13°14'39"
L = 45.909m (150.62'XC)
R = 188.605m (615.59'XC)
CB = S00°36'58"E
CH = 45.909m (150.62'XC)

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
FOR DISTRICT SECRETARY

DATE
4-30-99

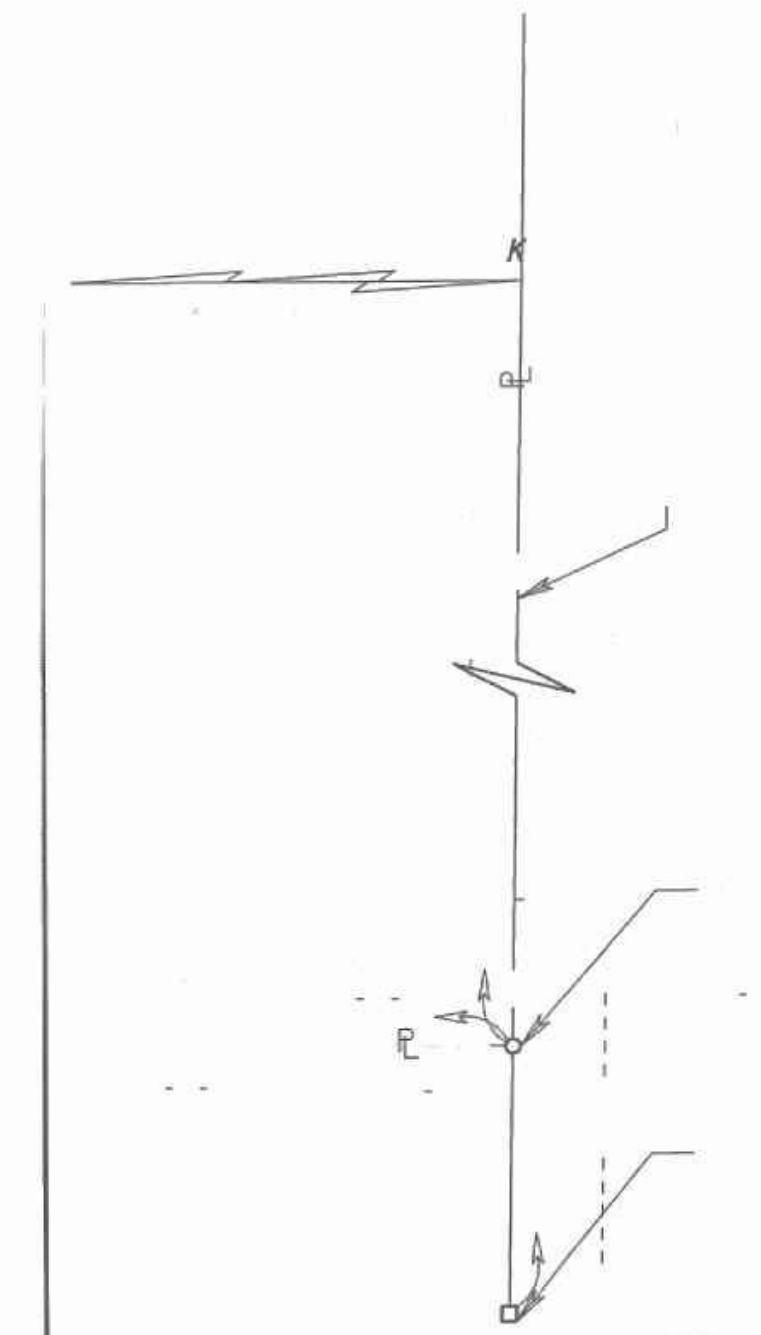
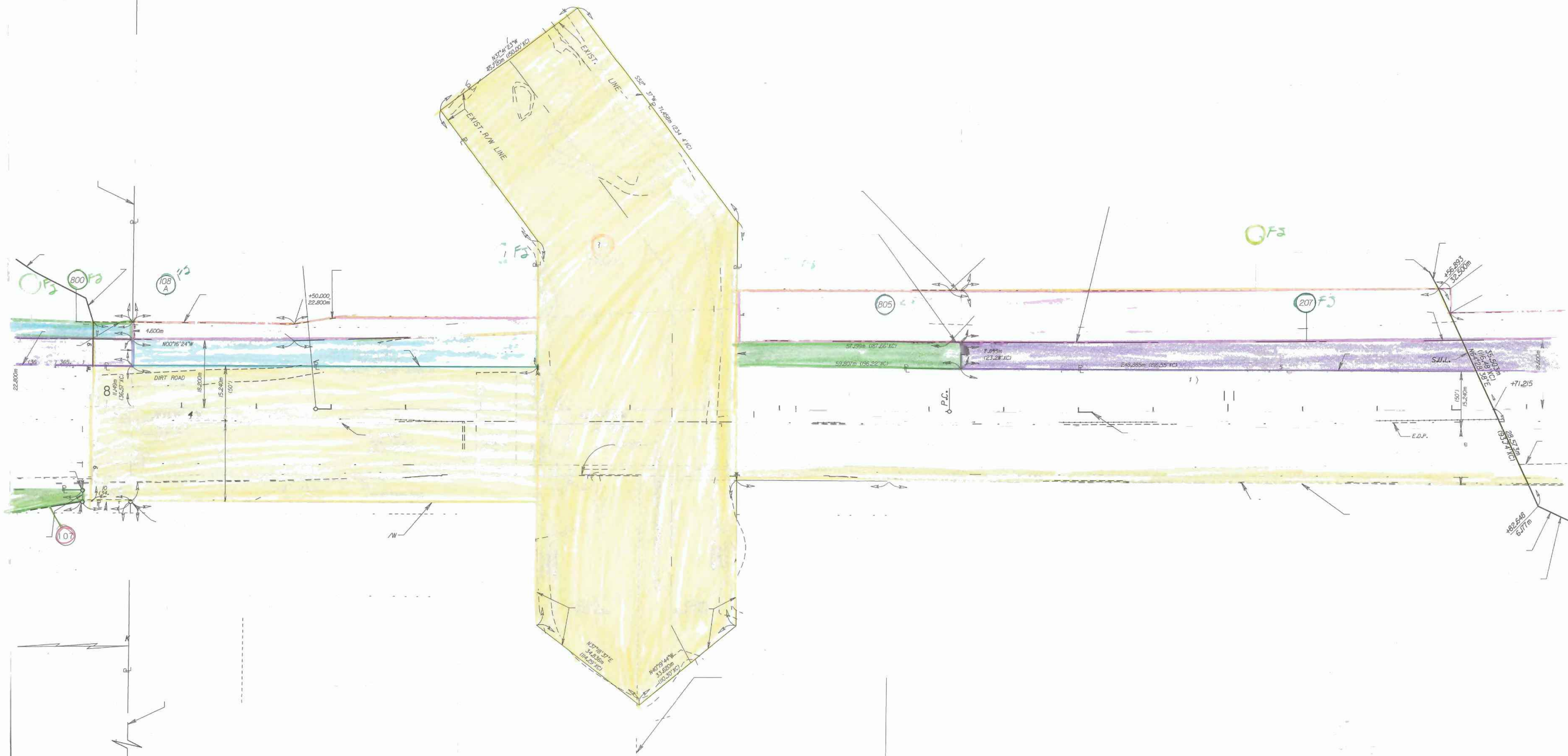
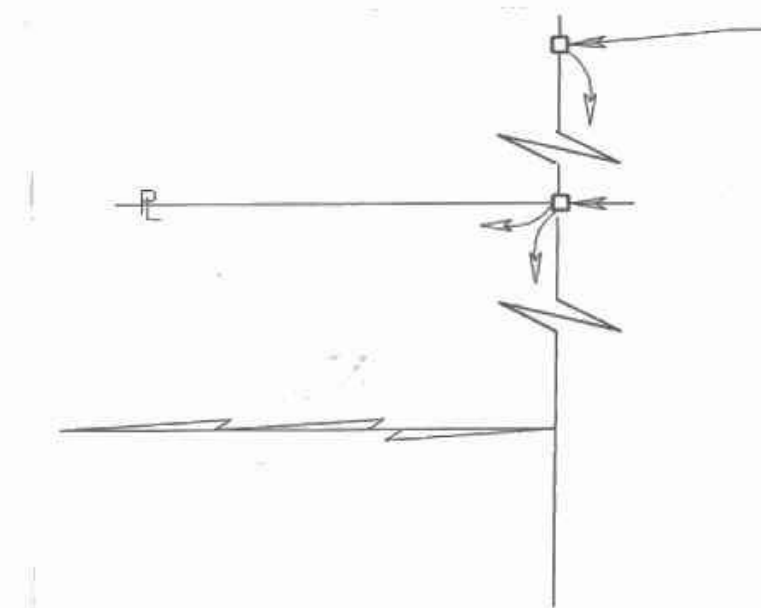
REVISION
BY
DATE

BY
DATE
PRELIM
S. LOWE
10/15/97
FINAL
D. HOLT
11/3/97
CHECKED
A. SCHAEFER
11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434 SEMINOLE COUNTY
FPN 240167 I

MAPS PREPARED BY
D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
FIELD BOOK NO.'S
200989, 2005696, 2010022, 201021
SCALE: 1:500
SHEET 5 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

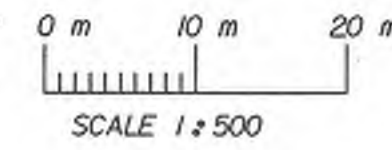


J.R. Booth

SECTION 34, TOWNSHIP 21 SOUTH, RANGE 31 EAST

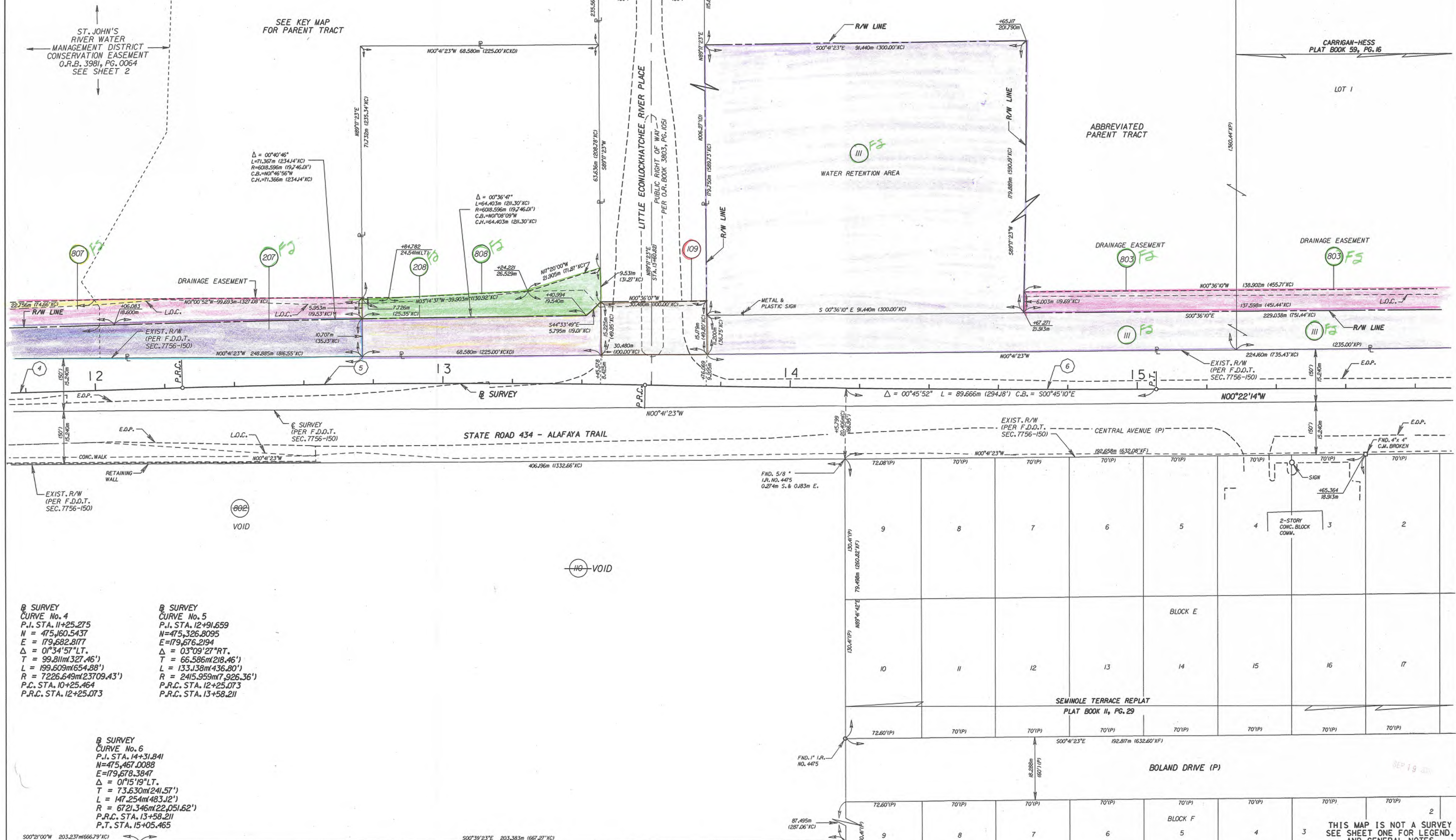
SEE KEY MAP
SHEET 2

METRIC



SEE KEY MAP
FOR PARENT TRACT

ST. JOHN'S
RIVER WATER
MANAGEMENT DISTRICT
CONSERVATION EASEMENT
O.R.B. 3981, PG. 0064
SEE SHEET 2



B SURVEY
CURVE No. 4
P.I. STA. 11+25.275
N = 475,160.5437
E = 179,682.8177
Δ = 01°34'57"LT.
T = 99.811m(327.46')
L = 199.609m(654.88')
R = 7226.649m(23709.43')
P.C. STA. 10+25.464
P.R.C. STA. 12+25.073

B SURVEY
CURVE No. 5
P.I. STA. 12+91.659
N = 475,326.8095
E = 179,676.2194
Δ = 03°09'27"RT.
T = 66.586m(218.46')
L = 133.138m(436.80')
R = 2415.959m(7926.36')
P.R.C. STA. 12+25.073
P.R.C. STA. 13+58.211

B SURVEY
CURVE No. 6
P.I. STA. 14+31.841
N = 475,467.0088
E = 179,678.3847
Δ = 01°15'19"LT.
T = 73.630m(241.57')
L = 147.254m(483.12')
R = 6721.346m(22051.62')
P.R.C. STA. 13+58.211
P.T. STA. 15+05.465

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
Joe Booth
FOR DISTRICT SECRETARY

REVISION	BY	DATE	REVISION	BY	DATE
RESTORE P. 803, REMOVE P. 809	S. MILLER	9/17/01	REV. PAR. 111 & 803	P. McCRAY	05/08/00
REV. P. 803 & 111	S. MILLER	8/14/01	REV. PARCEL 803	P. McCRAY	02/22/00
ADD P. 809	A. ROUP	4/24/01	ADD PARCEL 803	P. McCRAY	01/27/00
REV. PAR. 807 & 808	S. WALKER	3/9/01	REV. PAR. 111 & 803	S. WALKER	11-10-99
ADD ORSK. & EASE.	S. WALKER	02/06/01	REVISED PARCEL 111	K. JOHNS	9-28-99
ADD PAR. 207, 807, 208, 808	J. Shepherd	09/29/00	803, VOID PARCEL 110		
VOID PAR. 802 rev par 803					

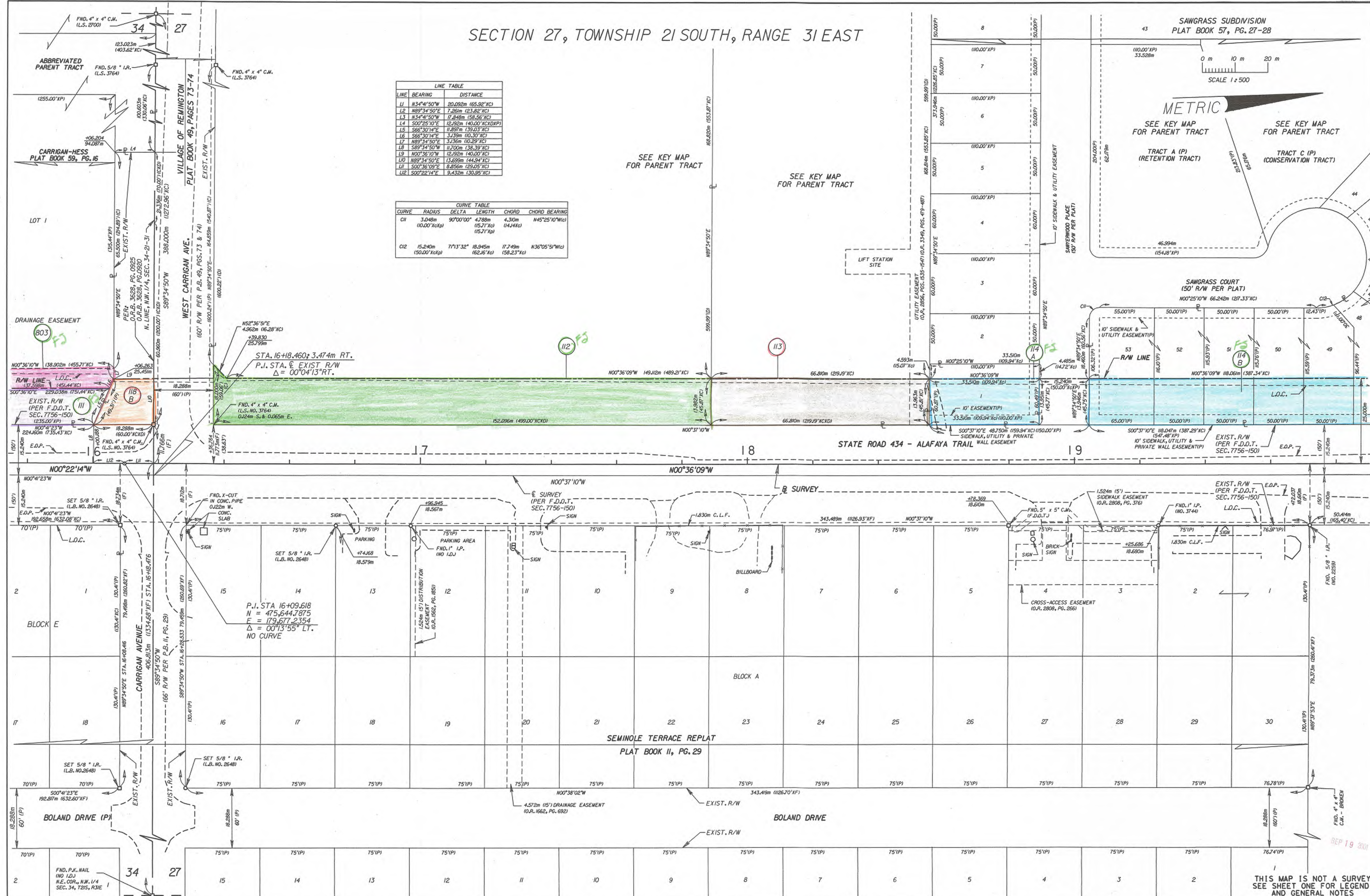
CHECKED	BY	DATE
PRELIM	S. LOWE	10/15/97
FINAL	D. HOLT	11/3/97
	A. SCHAEFER	11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434 SEMIOLE COUNTY
FPN 240167 I

MAPS PREPARED BY D.R.M.P., INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
FIELD BOOK NO. 5
200969, 2005696, 2010022, 201021
W.P.I. NO. 5117665
SCALE: 1:500
SHEET 7 OF 25

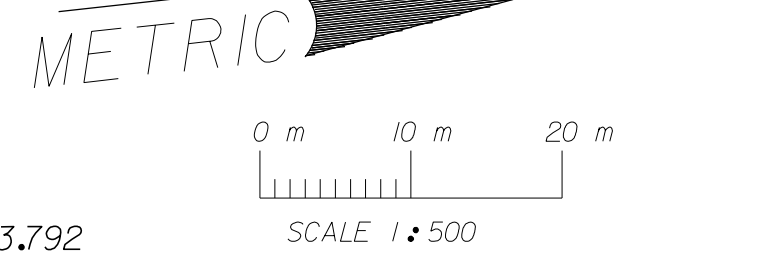
S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD	CHORD BEARING
C11	3,048m (10,00' x c/p)	90°00'00"	4,788m (15,71' x c)	4,330m (14,14' x c)	N45°25'10"W/c
C12	15,240m (50,00' x c/p)	71°13'32"	18,945m (62,16' x c)	17,749m (58,23' x c)	N36°05'51"W/c



THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

LAND AND LAKES, INC. PLAN OF LAKE HAYES
UNRECORDED PLAT PREPARED BY M.C. HAGAN, PLS No. 248



THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY J.E. Booth DATE 4/30/99
FOR DISTRICT SECRETARY

STILLWATER/PHASE I
PLAT BOOK 33, PAGES 45-48

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510

STATE ROAD 434

SEMINOLE COUNTY	FPN 240167 1
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S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

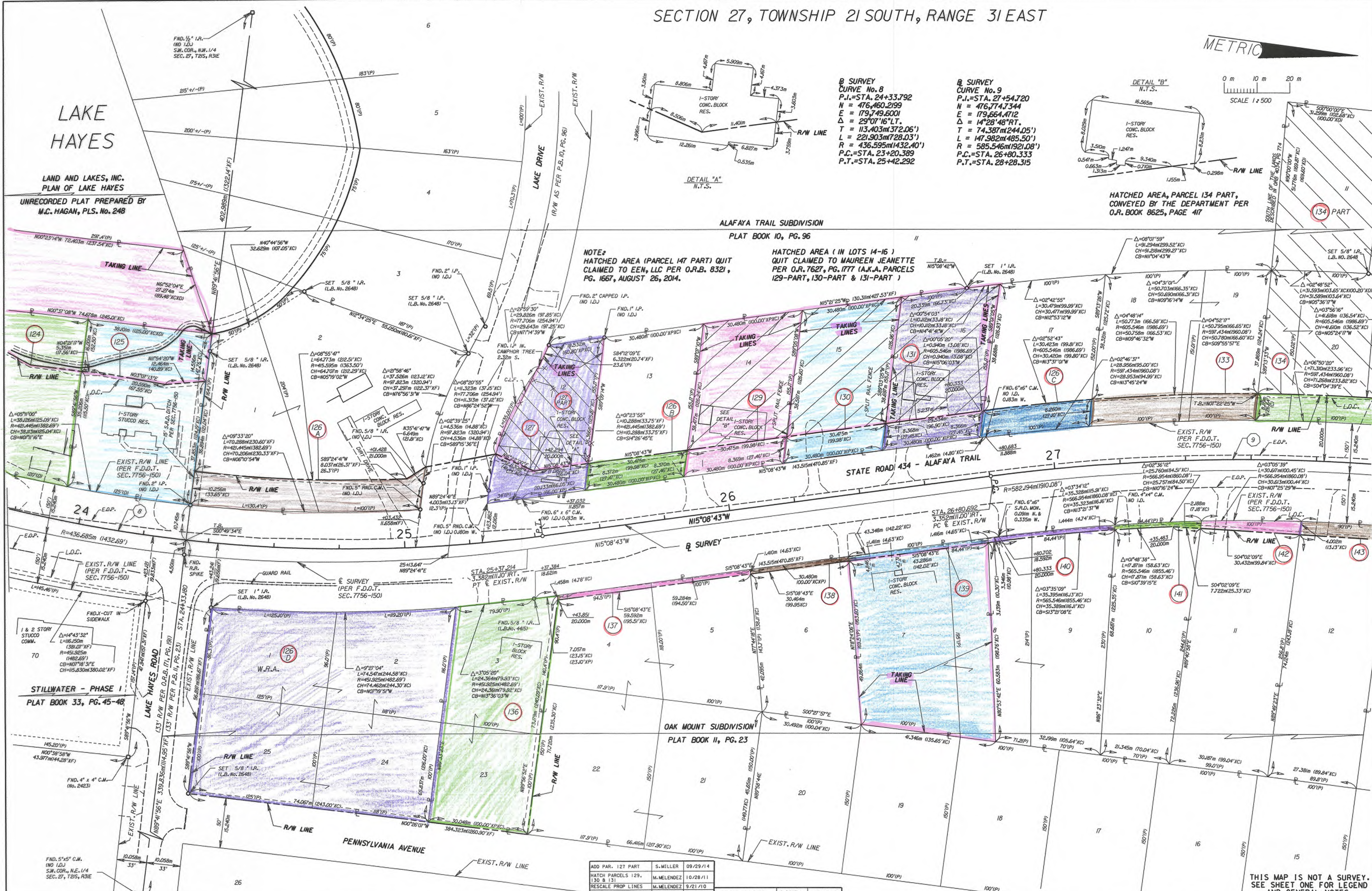
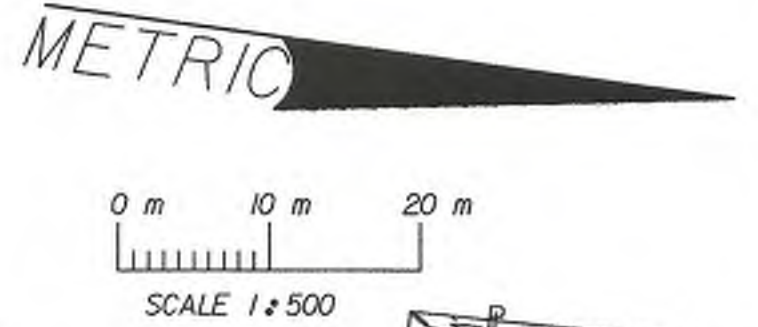
10	MAPS PREPARED BY D.R.M.P. INC. 1505 E.COLONIAL DRIVE ORLANDO, FL 32803	FIELD BOOK NO.'S 200989, 2005696, 2010022, 201021
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W.P.I. NO. 5117665	SCALE: 1" = 500'
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TY	EPN 240167	SHEET 9 OF 25
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FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 27, TOWNSHIP 21 SOUTH, RANGE 31 EAST



B SURVEY
 CURVE No. 8
 P.I.=STA. 24+33.792
 N = 476,460.2199
 E = 179,749.6001
 Δ = 29°07'16"LT.
 T = 113,403m(372.06')
 L = 221,903m(728.03')
 R = 436,595m(1432.40')
 P.C.=STA. 23+20.389
 P.T.=STA. 25+42.292

B SURVEY
 CURVE No. 9
 P.I.=STA. 27+54.720
 N = 476,774.7344
 E = 179,664.4712
 Δ = 14°28'48"RT.
 T = 74,387m(244.05')
 L = 147,982m(485.50')
 R = 585,546m(1921.08')
 P.C.=STA. 26+80.333
 P.T.=STA. 28+28.315

DETAIL "B"
 N.T.S.
 1-STORY CONC. BLOCK RES.
 16.565m
 3.50m
 0.54m
 0.663m
 1.313m
 1.24m
 0.710m
 0.298m
 R/W LINE

HATCHED AREA, PARCEL 134 PART,
 CONVEYED BY THE DEPARTMENT PER
 O.R. BOOK 8625, PAGE 417

NOTE:
 HATCHED AREA (PARCEL 147 PART) QUIT
 CLAIMED TO EEN, LLC PER O.R.B. 8321,
 PG. 1667, AUGUST 26, 2014.

HATCHED AREA (IN LOTS 14-16)
 QUIT CLAIMED TO MAUREEN JEANETTE
 PER O.R. 7627, PG. 1777 (A.K.A. PARCELS
 129-PART, 130-PART & 131-PART)

THIS MAP IS NOT A SURVEY.
 SEE SHEET ONE FOR LEGEND
 AND GENERAL NOTES.

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
 RIGHT OF WAY MAPPING

APPROVED BY
KE. Booth
 FOR DISTRICT SECRETARY

DATE

4/30/99

REVISION

BY DATE

ADD PAR. 127 PART	S. MILLER	09/29/14
HATCH PARCELS 129, 130 & 131	M. MELENDEZ	10/28/11
RESURFACING PROPOSED	M. MELENDEZ	9/21/10
REV. PAR. 134	A. ROUP	3/13/01
ADD PAR. 134 PART	A. ROUP	3/05/01
Revise Parcel 139	A. ROUP	11/28/00
Add Taking Line P.130	A. ROUP	5/31/00
Add Taking Lines Par. 127	P. MCCRAT	5/31/00

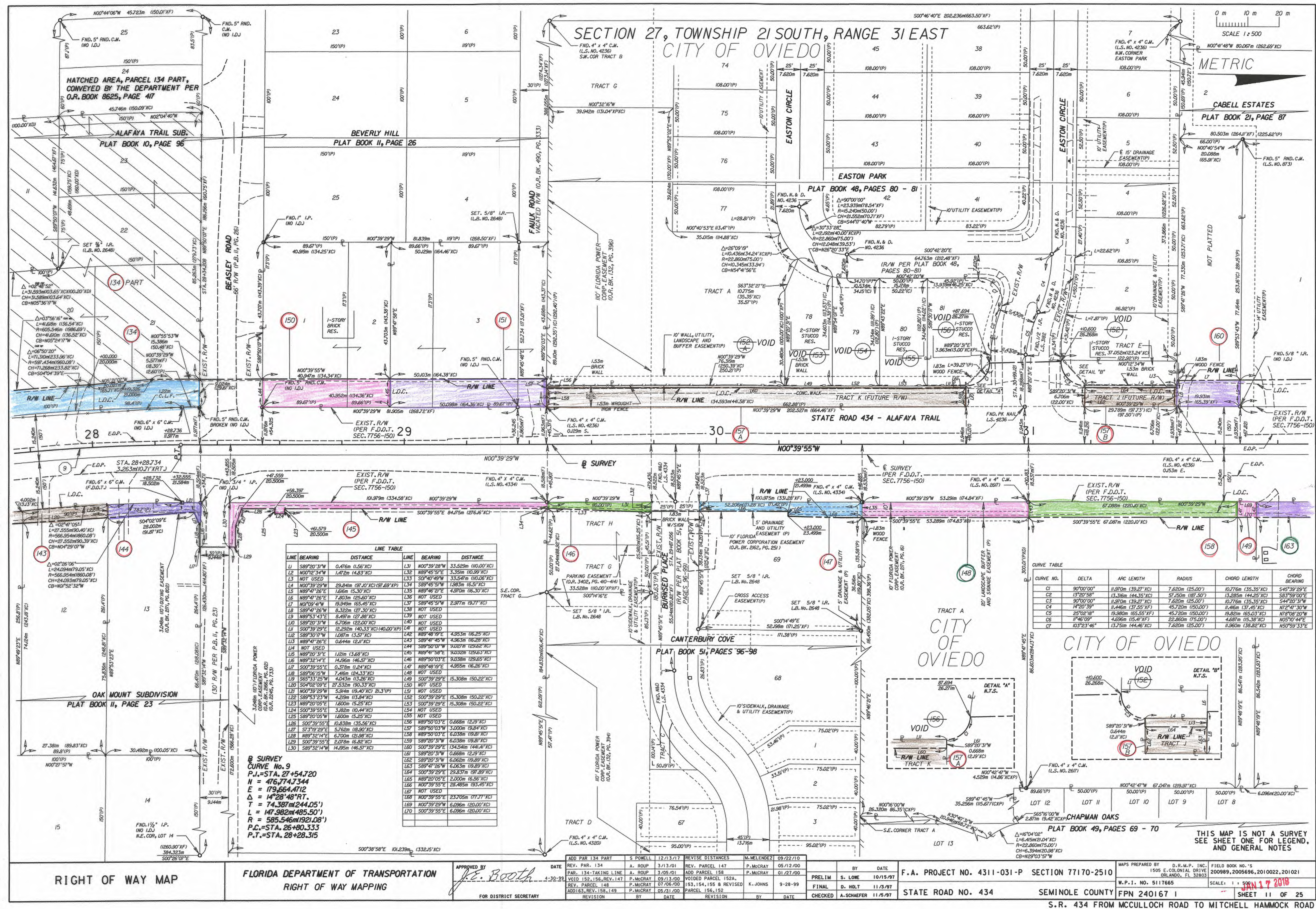
ADD PAR. 134 PART	S. POWELL	12/12/17
Add Taking Lines Par. 129, 130, 131	S. Walker	3/17/00
Add Deed Info & Rev. Station Plus	D. Mott	1/20/2000
REV. BLOCK CORNERS	A. SCHAEFER	12-05-99
Revised Note	K. Johns	5-25-99

PRELIM	S. LOWE	10/15/97
FINAL	D. HOLT	11/3/97
CHECKED	A. SCHAEFER	11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 7710-2510
 STATE ROAD NO. 434 SEMINOLE COUNTY
 W.P.I. NO. 5117665 FPN 240167 I
 SCALE: 1:500

MAPS PREPARED BY D.R.M.P., INC.
 1505 E. COLONIAL DRIVE
 ORLANDO, FL 32803
 FIELD BOOK NO. 5
 200989, 2005696, 2010022, 201021
 SHEET 10 OF 25
 JAN 17 2018

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD



SECTION 27,
TOWNSHIP 21 SOUTH,
RANGE 31 EAST

SEE SHEET 18

SECTION 22, TOWNSHIP 21 SOUTH, RANGE 31 EAST
CITY OF OVIEDO

0 m 10 m 20 m
SCALE 1:500

METRIC



NOV 02 2000
THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
F.A. Booth
DATE
4-30-99
FOR DISTRICT SECRETARY

REVISION	BY	DATE	REVISION	BY	DATE
1	A. ROUP	11-01-00	1	A. ROUP	11-01-00
2	P. MCGRAY	5-31-00	2	P. MCGRAY	5-31-00
3	P. MCGRAY	1-27-00	3	P. MCGRAY	1-27-00
4	S. WALKER	8-18-99	4	S. WALKER	8-18-99

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510

STATE ROAD NO. 434

SEMINOLE COUNTY

MAPS PREPARED BY D.R.M.P. INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803	FIELD BOOK NO. S 200989, 2005696, 201022, 201021
W.P.I. NO. 5117665	SCALE: 1:500
FPN 240167 I	SHEET 12 OF 25

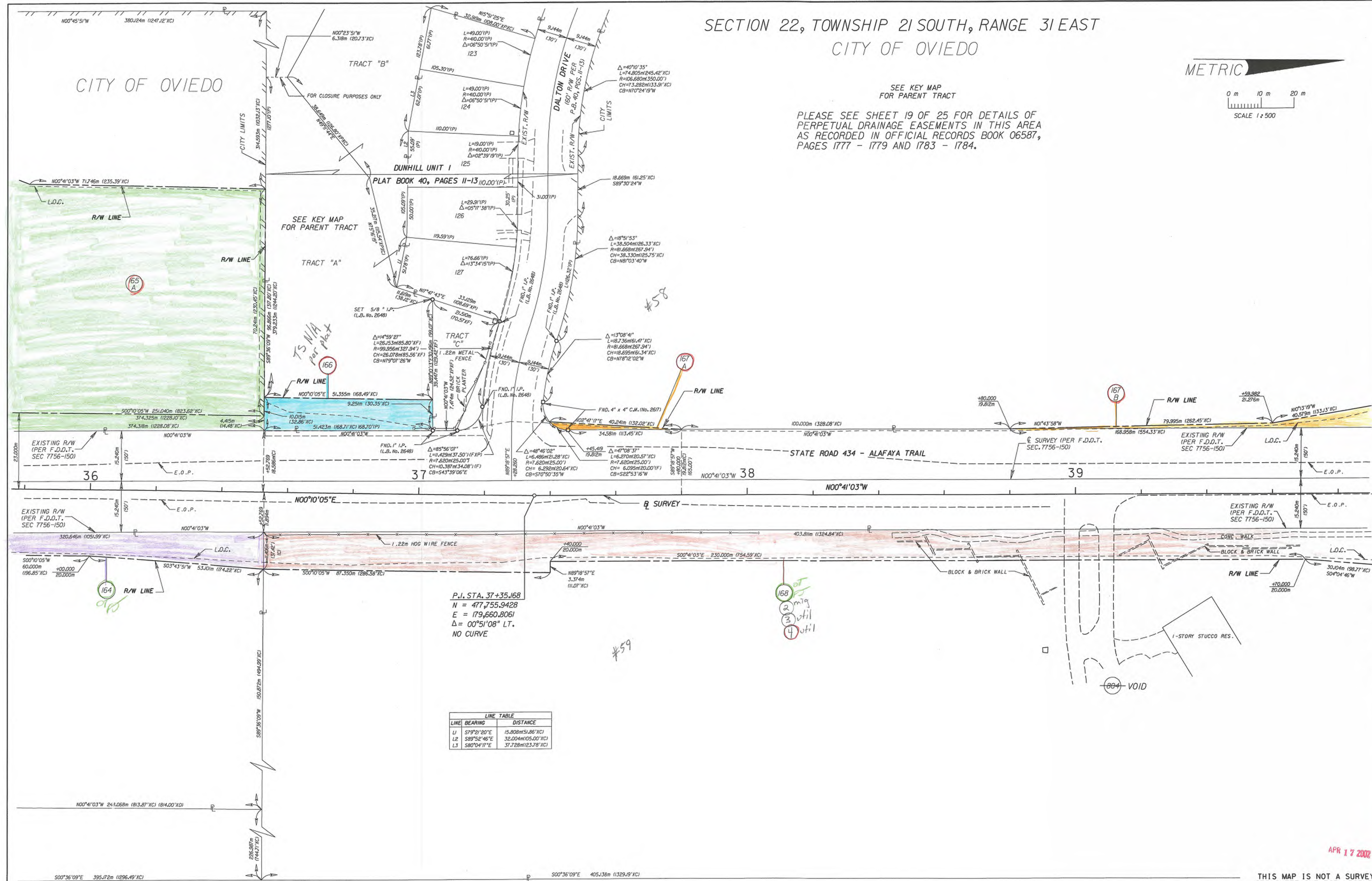
S.R. 434 FROM MCMULLOCH ROAD TO MITCHELL HAMMOCK ROAD

METRIC

0 m 10 m 20 m

SCALE 1:500

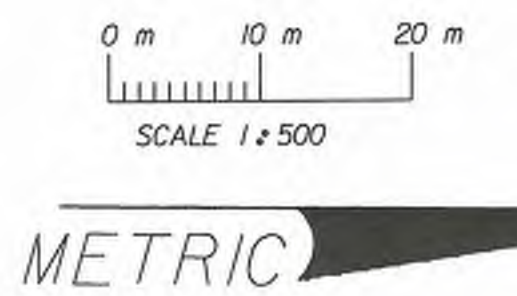
PLEASE SEE SHEET 19 OF 25 FOR DETAILS OF
PERPETUAL DRAINAGE EASEMENTS IN THIS AREA
AS RECORDED IN OFFICIAL RECORDS BOOK 06587,
PAGES 1777 - 1779 AND 1783 - 1784.



APR 17 2002

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

SECTION 22, TOWNSHIP 21 SOUTH, RANGE 31 EAST
CITY OF OVIEDO



SEE KEY MAP
FOR PARENT TRACT

SEE KEY MAP
FOR PARENT TRACT

SEE KEY MAP
FOR PARENT TRACT

PLEASE SEE SHEET 19 OF 25 FOR
DETAILS OF PERPETUAL DRAINAGE
EASEMENTS IN THIS AREA AS
RECORDED IN OFFICIAL RECORDS
BOOK 06587, PAGES 1777 - 1779
AND 1783 - 1784.

LINE TABLE		
LINE	BEARING	LENGTH
L1	S89°39'33"W	7.139m (23.42'XC)
L2	S00°20'18"E	6.706m (22.00'XC)
L3	N89°39'33"E	8.583m (28.16'XC)
L4	S00°20'18"E	7.201m (23.63'XC)
L5	S08°12'03"W	12.600m (41.34'XC)
L6	S89°24'25"W	5.303m (17.40'XC)
L7	N89°24'08"E	1.310m (4.32'XC)
L8	S89°24'25"W	2.299m (7.54'XC)
L9	N89°24'25"E	11.832m (38.82'XC)
L10	S08°02'03"W	12.600m (41.34'XC)
L11	N89°30'37"E	5.520m (18.11'XC)
L12	N00°41'03"W	6.561m (21.51'XC)
L13	N89°39'33"E	8.586m (28.21'XC)
L14	S00°41'03"E	2.956m (9.70'XC)
L15	S44°40'01"E	7.369m (24.19'XC)
L16	S00°41'03"E	92.617m (303.80'XC)
L17	S89°39'33"W	4.835m (15.87'XC)
L18	N09°11'25"E	20.409m (66.96'XC)
L19	N89°23'46"E	1.838m (6.03'XC)

1-STORY
BRICK & METAL
COMM.

3-STORY
GLASS & METAL
COMM.

1-STORY
BLOCK & STUCCO
COMM.

STATE ROAD 434 - ALAFAYA TRAIL

ALAFAYA WOODS SHOPPING CENTER
PLAT BOOK 35, PAGES 39-40

ALAFAYA WOODS PHASE I - UNIT A
PLAT BOOK 31, PAGES 80-85

SEE SHEET 20 FOR DETAIL

CURVE TABLE				
CURVE NO.	DELTA	ARC LENGTH	RADIUS	CHORD LENGTH
C1	30°08'32"	14.38m (47.18'XC)	9.44m (30.97'XC)	12.34m (40.47'XC)
C2	89°53'28"	14.34m (47.07'XC)	9.44m (30.97'XC)	12.34m (40.47'XC)

APR 17 2007

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
DATE
4-30-99
FOR DISTRICT SECRETARY

REVISION
BY
DATE

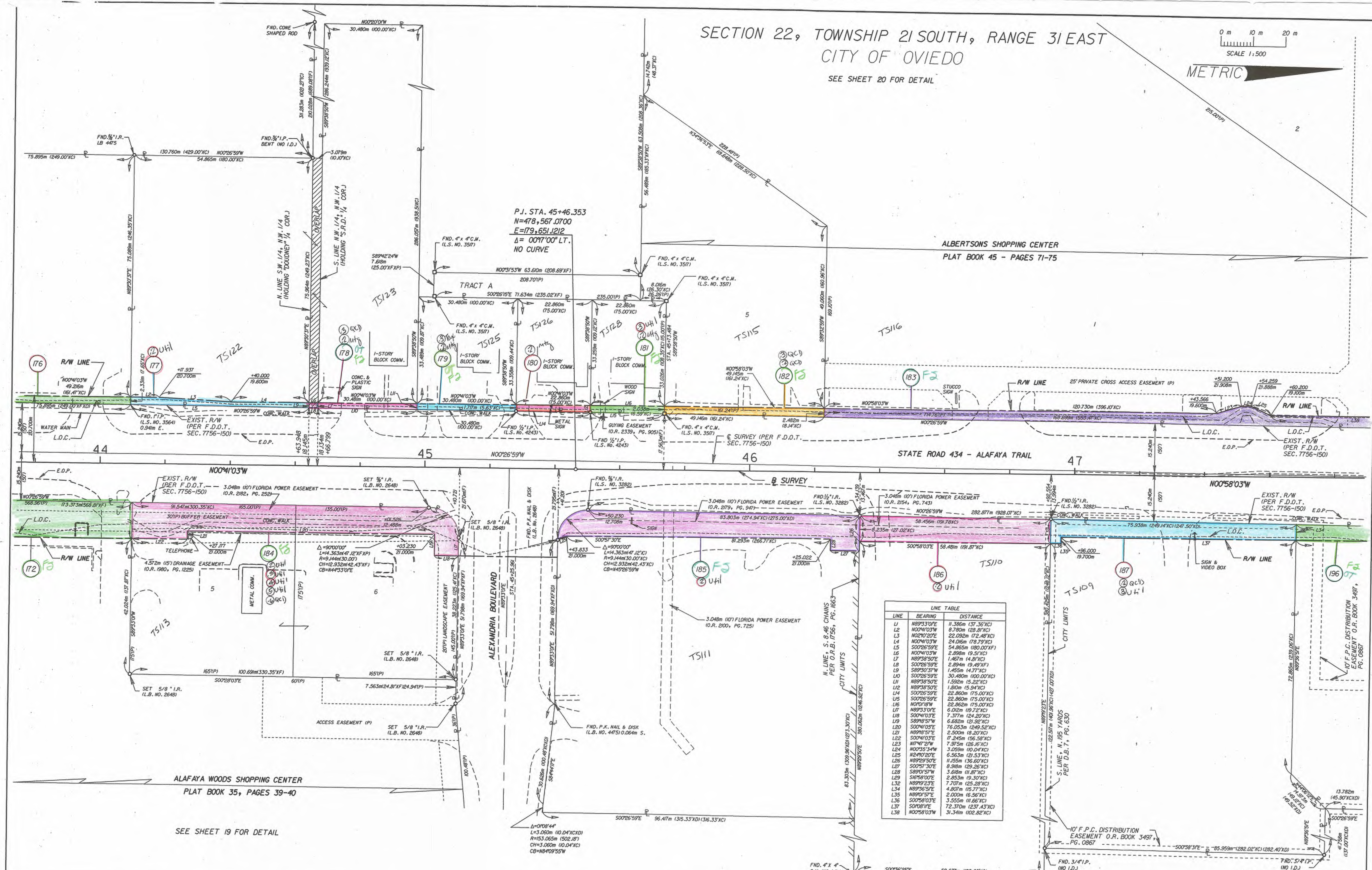
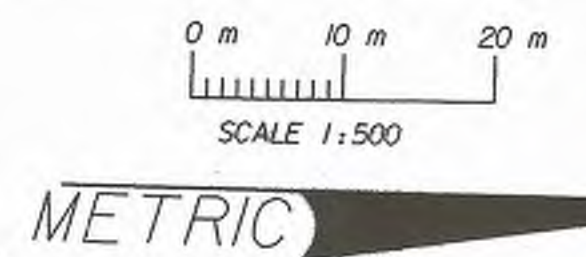
ADD PARCELS 810.1 R
8 11.1
REV. PARCEL 168
BY
DATE

MAPS PREPARED BY
D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
W.P.I. NO. 5117665
SCALE: 1:500
FIELD BOOK NO. 5
200989, 2005696, 2010022, 201021
F.P.N. 240167 I
SHEET 14 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

SECTION 22, TOWNSHIP 21 SOUTH, RANGE 31 EAST
CITY OF OVIEDO

SEE SHEET 20 FOR DETAIL



LINE TABLE

LINE	BEARING	DISTANCE
L1	N89°33'00"E	11.386m (37.36'XC)
L2	N00°41'03"W	8.780m (28.81'XC)
L3	N02°02'02"E	22.052m (72.48'XC)
L4	N00°41'03"W	24.016m (78.79'XC)
L5	S00°26'59"E	54.865m (180.00'XC)
L6	N00°41'03"W	2.898m (9.51'XC)
L7	N89°33'00"E	1.467m (4.81'XC)
L8	S00°26'59"E	2.894m (9.49'XC)
L9	S89°30'37"W	1.455m (4.77'XC)
L10	S00°26'59"E	30.480m (100.00'XC)
L11	N89°33'00"E	1.598m (5.22'XC)
L12	N89°33'00"E	1.810m (5.94'XC)
L13	S00°26'59"E	22.860m (75.00'XC)
L14	S00°26'59"E	22.860m (75.00'XC)
L15	S00°26'59"E	22.860m (75.00'XC)
L16	N00°41'03"W	6.012m (19.72'XC)
L17	N89°33'00"E	6.012m (19.72'XC)
L18	S00°41'03"W	7.377m (24.20'XC)
L19	S89°33'00"E	6.552m (21.50'XC)
L20	S00°41'03"W	76.053m (248.52'XC)
L21	N89°33'00"E	2.500m (8.20'XC)
L22	S00°41'03"W	17.245m (56.58'XC)
L23	N00°41'03"W	7.575m (25.00'XC)
L24	N00°35'34"W	3.059m (10.04'XC)
L25	N2°40'20"E	6.563m (21.53'XC)
L26	N89°33'00"E	11.555m (38.00'XC)
L27	S00°26'59"E	8.598m (28.20'XC)
L28	S89°30'37"W	3.618m (11.87'XC)
L29	S89°30'37"W	2.853m (9.37'XC)
L30	N89°33'00"E	7.707m (25.28'XC)
L31	N89°33'00"E	4.807m (15.77'XC)
L32	N89°33'00"E	2.000m (6.56'XC)
L33	S00°26'59"E	3.555m (11.66'XC)
L34	S00°26'59"E	72.370m (237.43'XC)
L35	N00°41'03"W	31.341m (102.82'XC)

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY: *[Signature]* DATE: 4/30/99
FOR DISTRICT SECRETARY

REVISION	BY	DATE
1	REV. R/W LINE P. 183	3-17-00
2	S. WALKER	11-15-97

BY: S. LOWE DATE: 10/15/97
FINAL: D. HOLT DATE: 11/3/97
CHECKED: A. SCHAEFER DATE: 11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434

MAPS PREPARED BY: D.R.M.P. INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803
FIELD BOOK NO.: 200989.2005696.2010022.201021
W.P.I. NO. 5117665
FPN 240167 I
SCALE: 1:500
SHEET 15 OF 25

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

MAR 24 2000

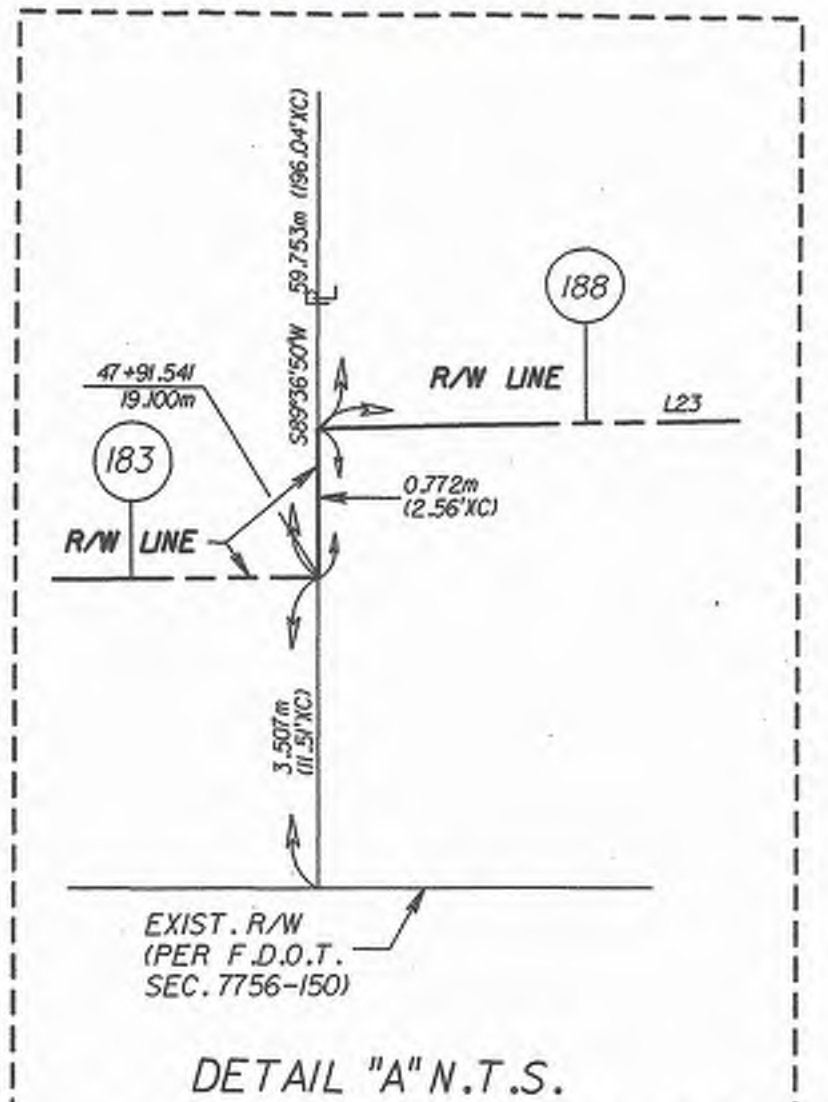
MAR 24 2000

SECTION 15, TOWNSHIP 21 SOUTH, RANGE 31 EAST

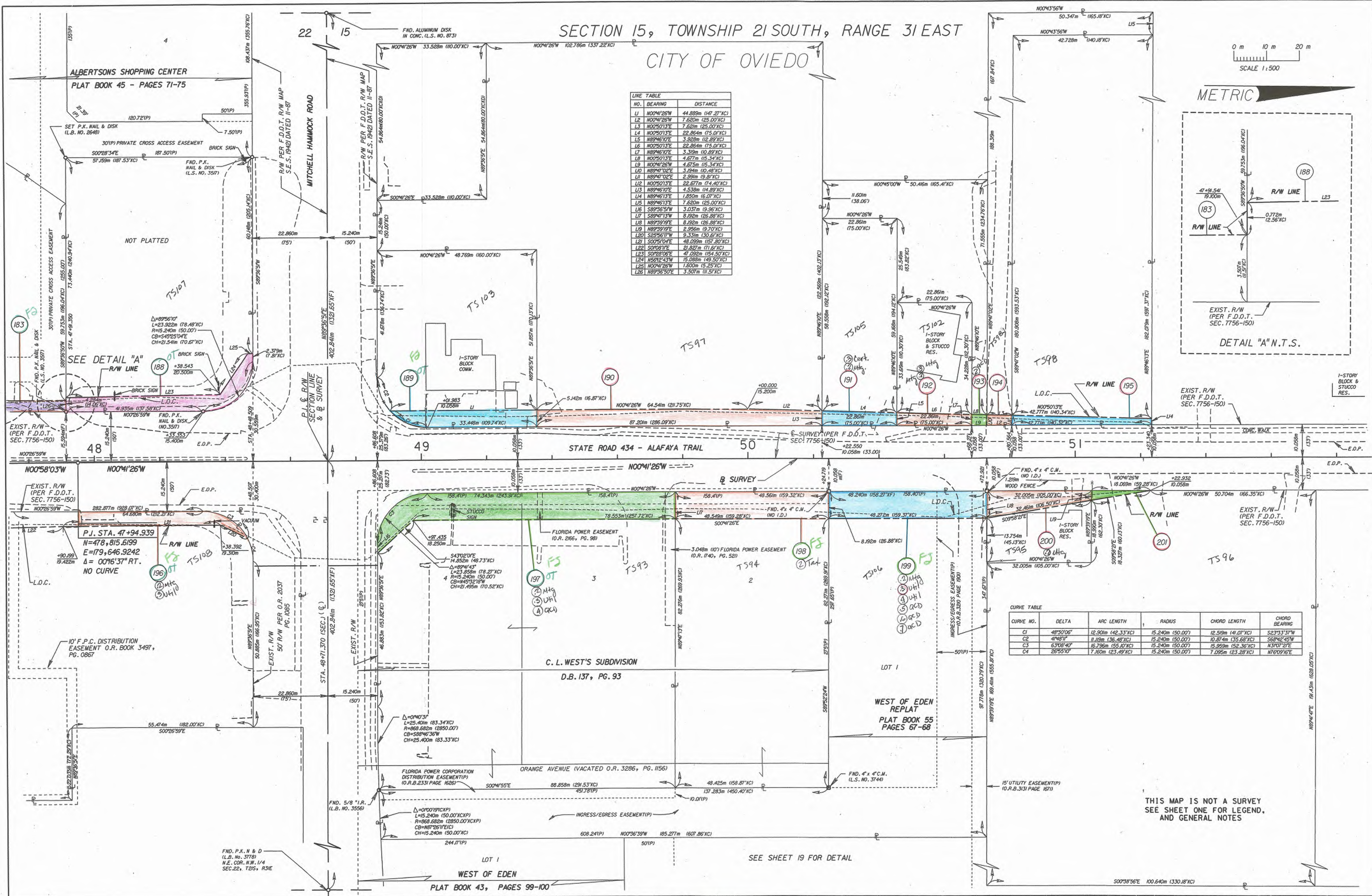
CITY OF OVIEDO

0 m 10 m 20 m
SCALE 1:500

METRIC



LINE NO.	BEARING	DISTANCE
U1	N00°41'26"W	44.889m (147.27'XC)
U2	N00°41'26"W	7.620m (25.00'XC)
U3	N00°50'13"E	7.620m (25.00'XC)
U4	N00°50'13"E	22.864m (75.00'XC)
U5	N00°50'13"E	3.938m (12.89'XC)
U6	N00°50'13"E	22.864m (75.00'XC)
U7	N00°50'13"E	3.938m (12.89'XC)
U8	N00°50'13"E	4.677m (15.34'XC)
U9	N00°41'26"W	4.677m (15.34'XC)
U10	N00°41'26"W	3.938m (12.89'XC)
U11	N00°41'26"W	2.991m (9.81'XC)
U12	N00°50'13"E	22.677m (74.40'XC)
U13	N00°50'13"E	4.538m (14.89'XC)
U14	N00°50'13"E	1.850m (6.07'XC)
U15	N00°50'13"E	7.620m (25.00'XC)
U16	S89°36'59"W	3.037m (9.96'XC)
U17	S89°36'59"W	8.929m (29.30'XC)
U18	N89°39'19"E	6.929m (22.73'XC)
U19	N89°39'19"E	2.956m (9.70'XC)
U20	S25°56'17"W	9.333m (30.62'XC)
U21	S00°01'04"E	48.099m (157.80'XC)
U22	S00°01'04"E	21.827m (71.61'XC)
U23	S00°28'06"E	47.092m (154.50'XC)
U24	N56°12'43"W	15.088m (49.50'XC)
U25	N00°41'26"W	1.800m (5.91'XC)
U26	N89°36'59"W	3.507m (11.51'XC)



CURVE NO.	DELTA	ARC LENGTH	RADIUS	CHORD LENGTH	CHORD BEARING
C1	48°30'05"	12.901m (42.33'XC)	15.240m (50.00')	12.519m (41.07'XC)	S23°33'37"W
C2	4°48'11"	11.059m (36.28'XC)	15.240m (50.00')	10.874m (35.66'XC)	S66°42'45"W
C3	63°08'40"	16.796m (55.10'XC)	15.240m (50.00')	15.959m (52.36'XC)	N3°07'21"E
C4	26°55'10"	7.360m (24.15'XC)	15.240m (50.00')	7.095m (23.28'XC)	N16°09'16"E

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPINGAPPROVED BY
J.F. Booth
FOR DISTRICT SECRETARYDATE
4/30/99

REVISION

BY

DATE

REVISION

BY

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DATE

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510

STATE ROAD NO. 434

SEMINOLE COUNTY FPN 240167 I

S.R. 434 FROM McCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

MAR 24 2000

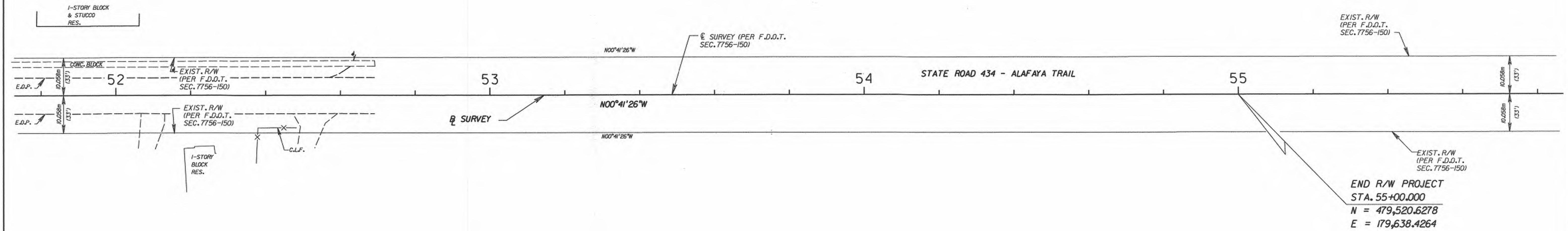
MAR 24 2000

SHEET 16 OF 25

SECTION 15, TOWNSHIP 21 SOUTH, RANGE 31 EAST
CITY OF OVIEDO

0 m 10 m 20 m
SCALE 1:500

METRIC



THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND,
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
FOR DISTRICT SECRETARY

DATE
4/30/99

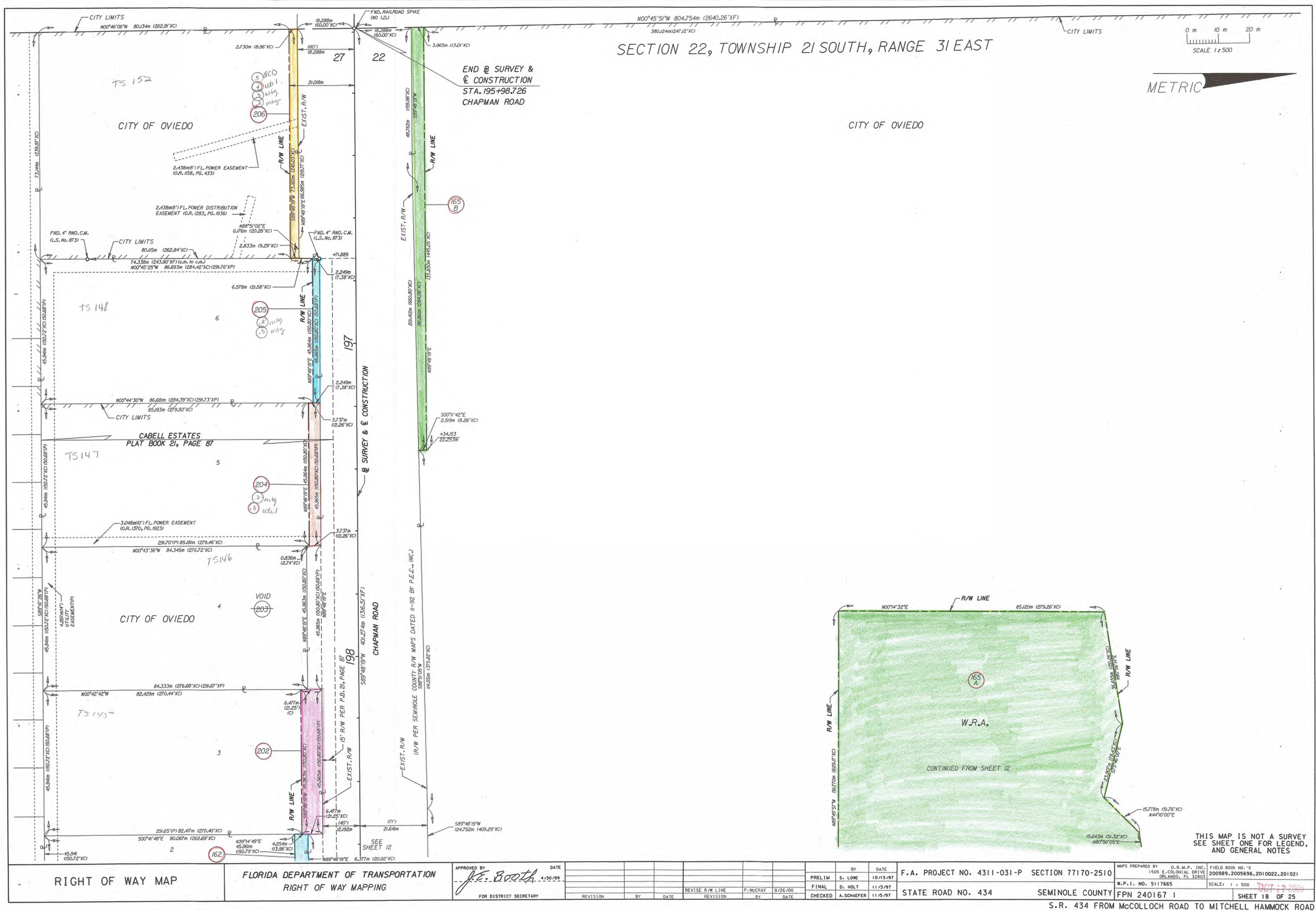
REV.	SECTION NUMBER	BY	DATE
1	52	S. JOHNSON	07/06/15
2	53	P. McCRAE	11/12/00
3	54	P. McCRAE	11/12/00
4	55	P. McCRAE	11/12/00

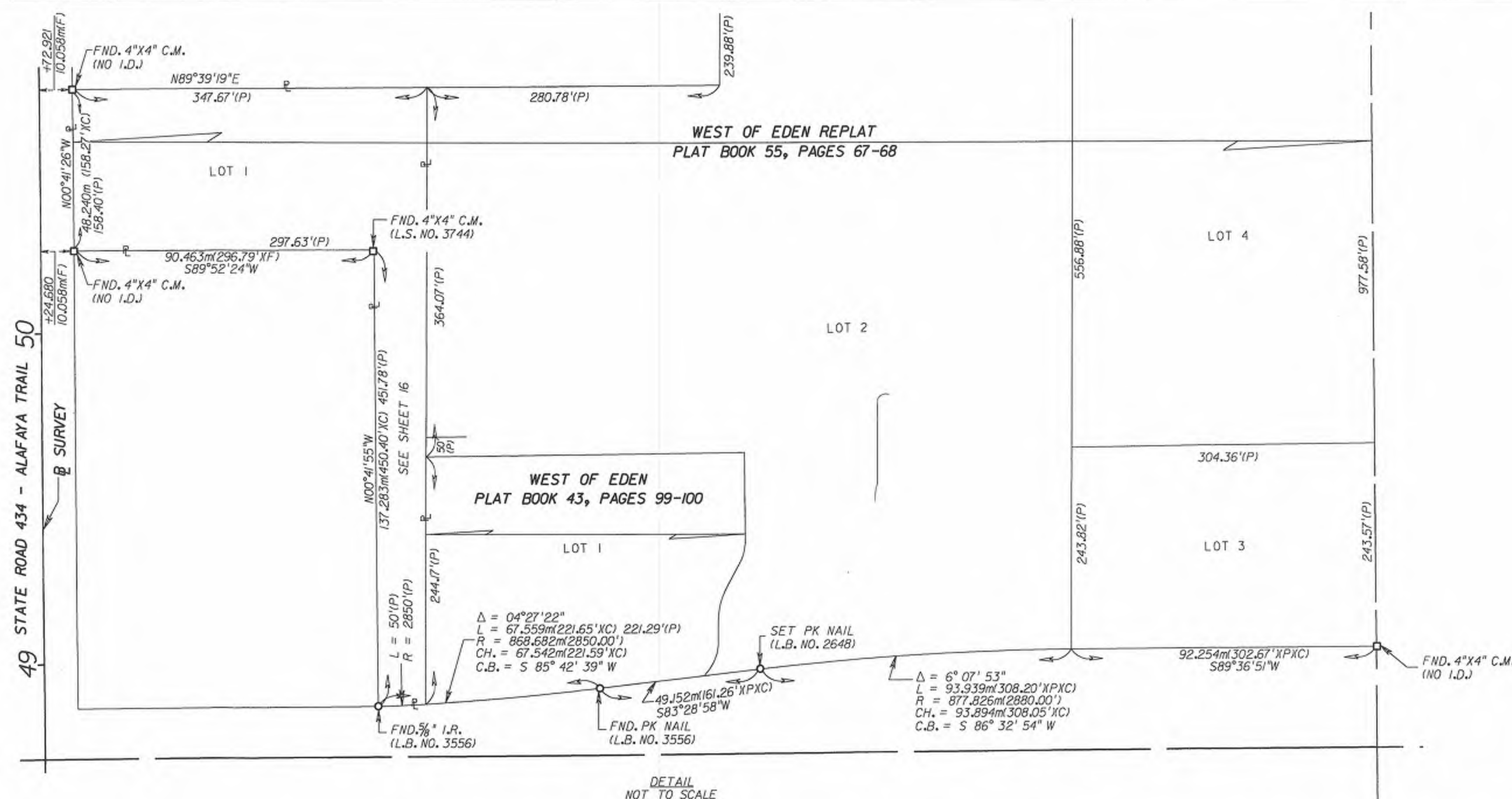
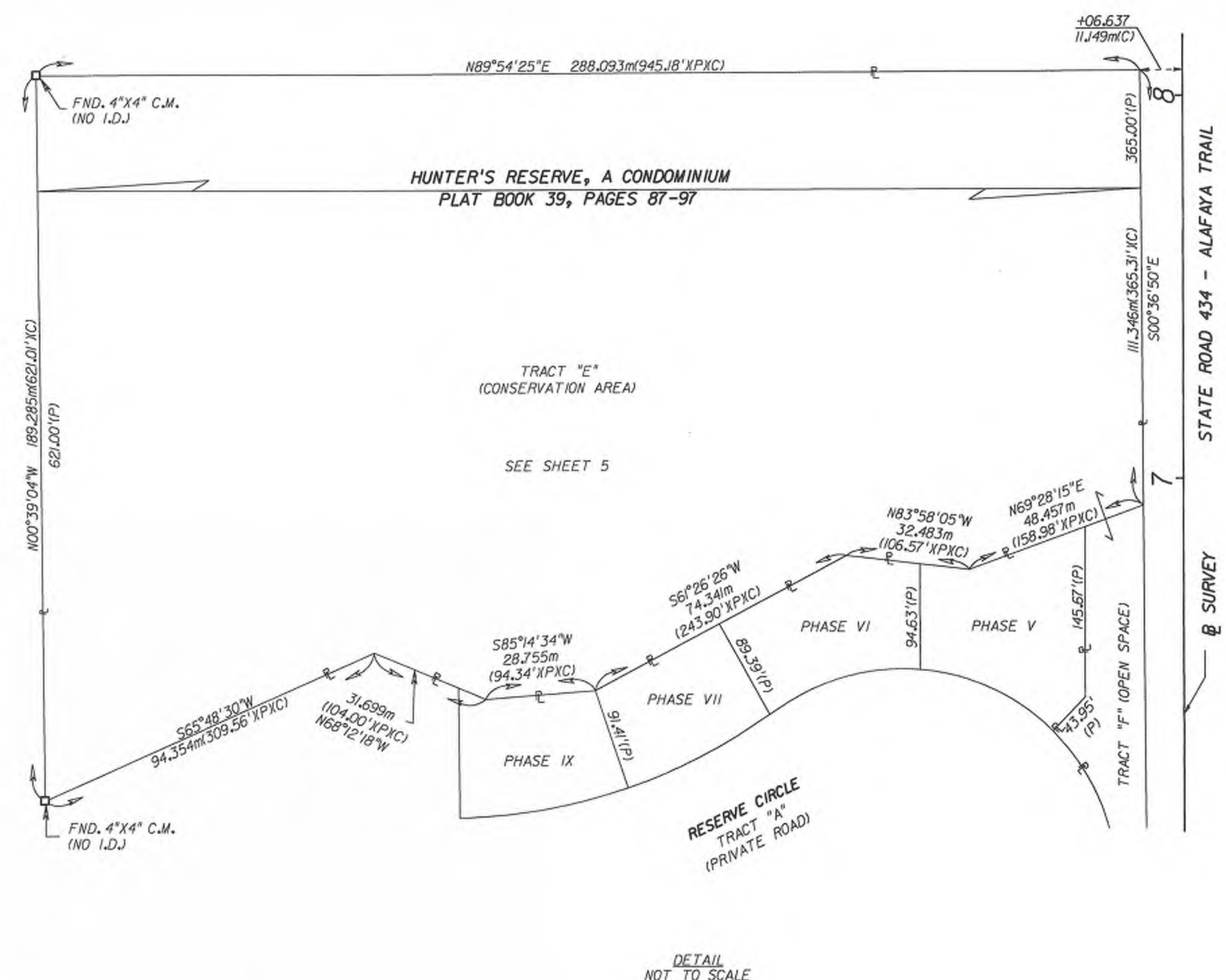
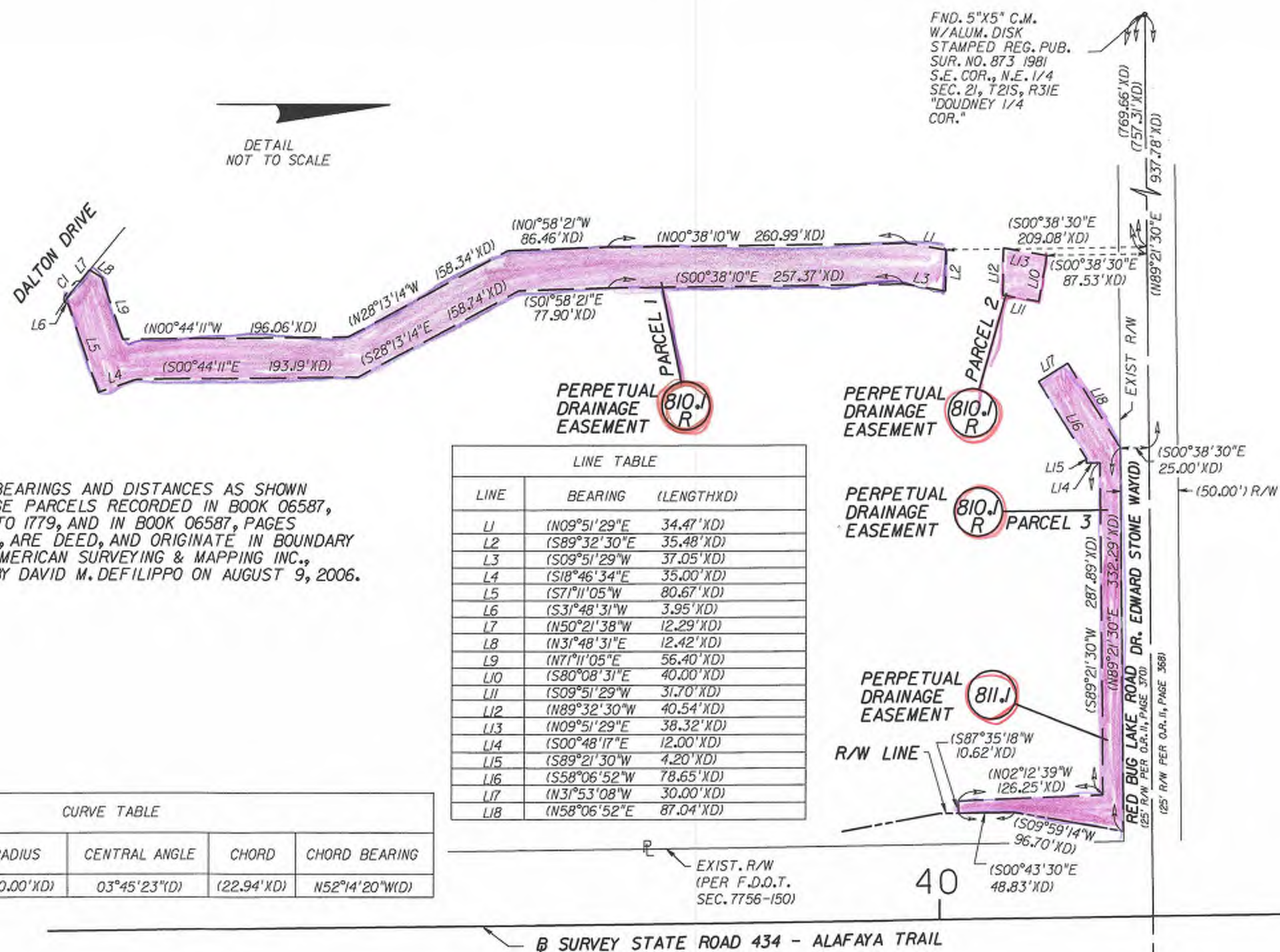
PRELIM	DATE
1	10/15/97
2	11/13/97
3	11/13/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434 SEMINOLE COUNTY

MAPS PREPARED BY
D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
FIELD BOOK NO. 15
200989, 2009696, 2010022, 201021
W.P.I. NO. 5117665
SCALE: 1:500
JUL 08 2015
SHEET 17 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD





RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
Joe Booth
DATE
4/30/99
FOR DISTRICT SECRETARY

REVISION BY DATE

REVISION	BY	DATE
ADD PAR. 810-1 B. 811-1 J. SHEPHERD	4/10/07	
REV. WEST OF EDEN	P. MCCRAY	1/12/00

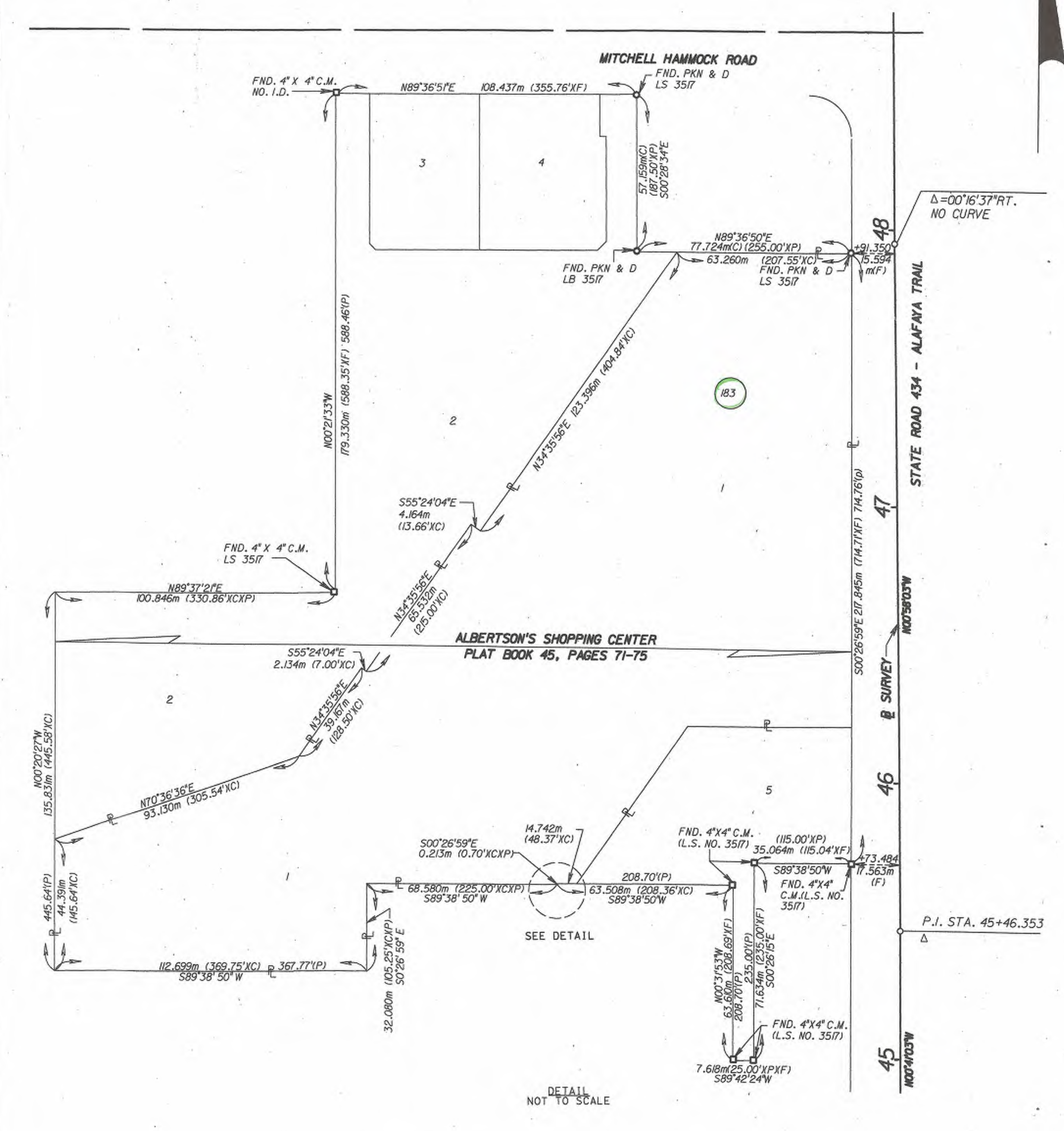
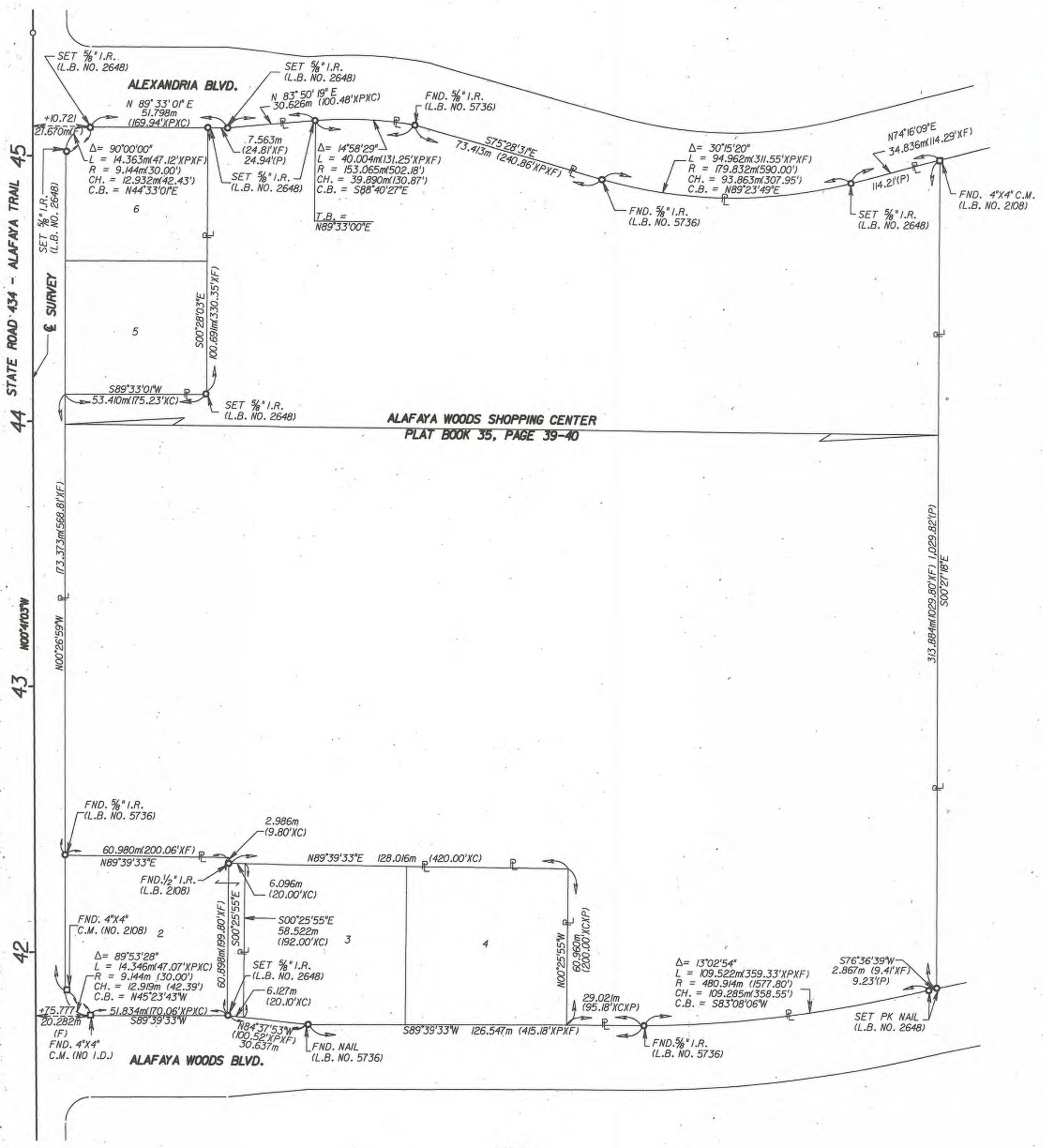
BY DATE

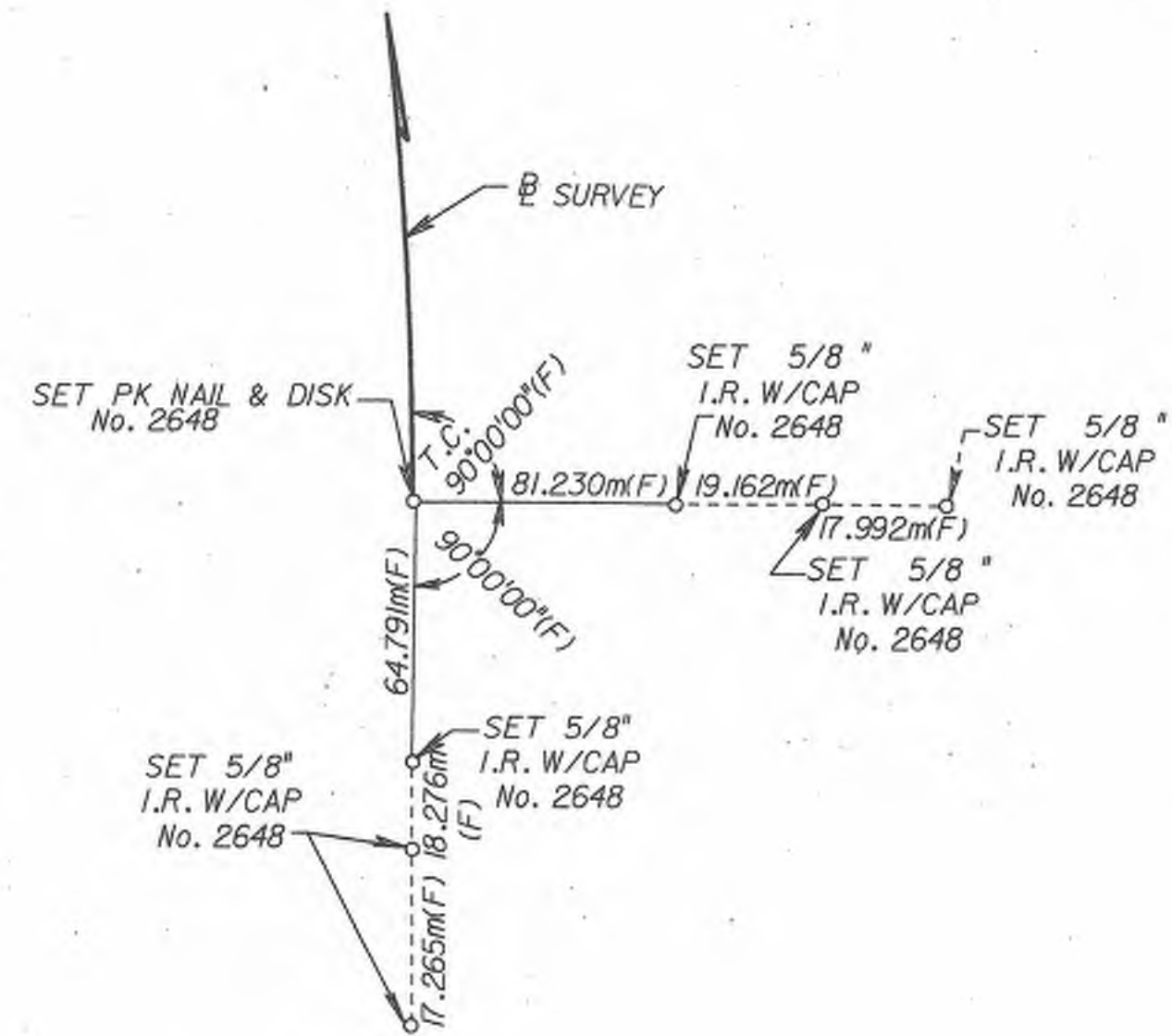
BY	DATE
PRELIM S. LOWE	10/15/97
FINAL D. HOLT	11/13/97
CHECKED A. SCHAEFER	11/15/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
STATE ROAD NO. 434 SEMINOLE COUNTY FPN 240167 I

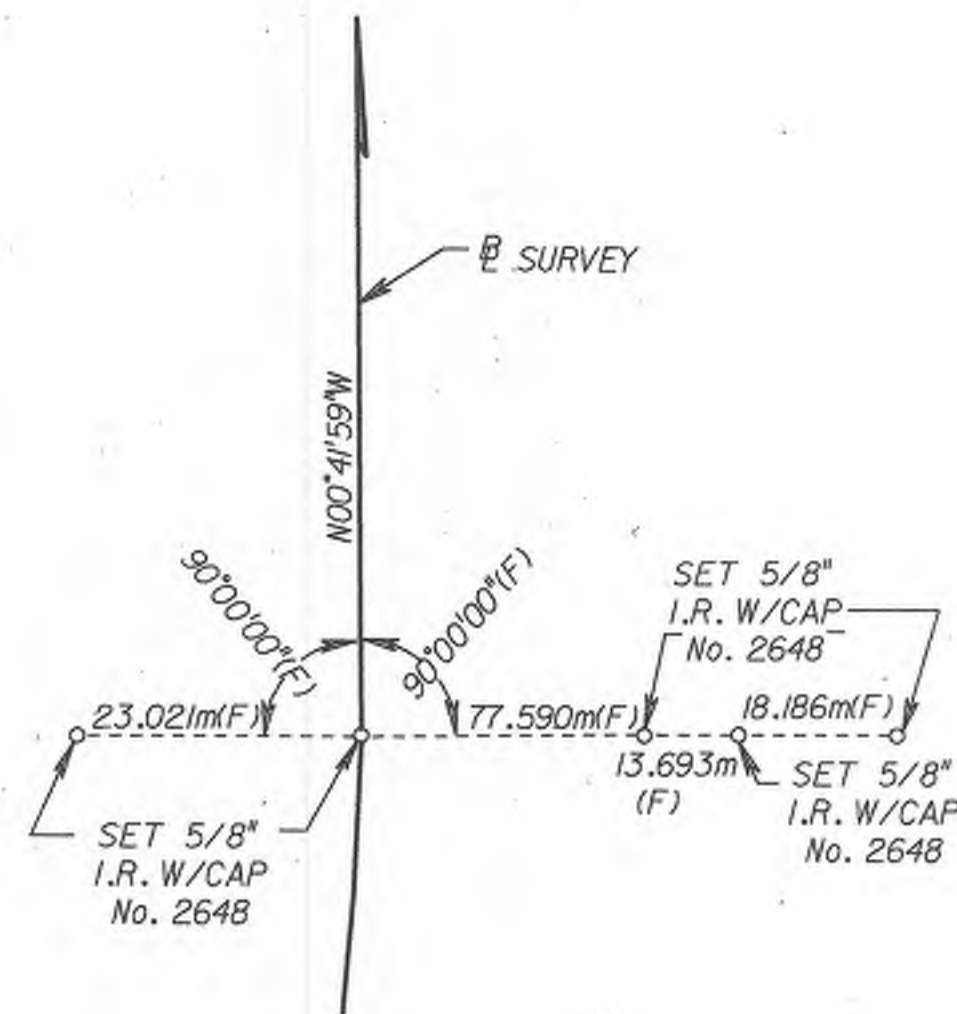
MAPS PREPARED BY D.R.M.P. INC.
1505 E. COLONIAL DRIVE
ORLANDO, FL 32803
W.P.I. NO. 5117665
FIELD BOOK NO. 15
200989, 2005696, 2010022, 201021
SCALE: N.T.S.
SHEET 19 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

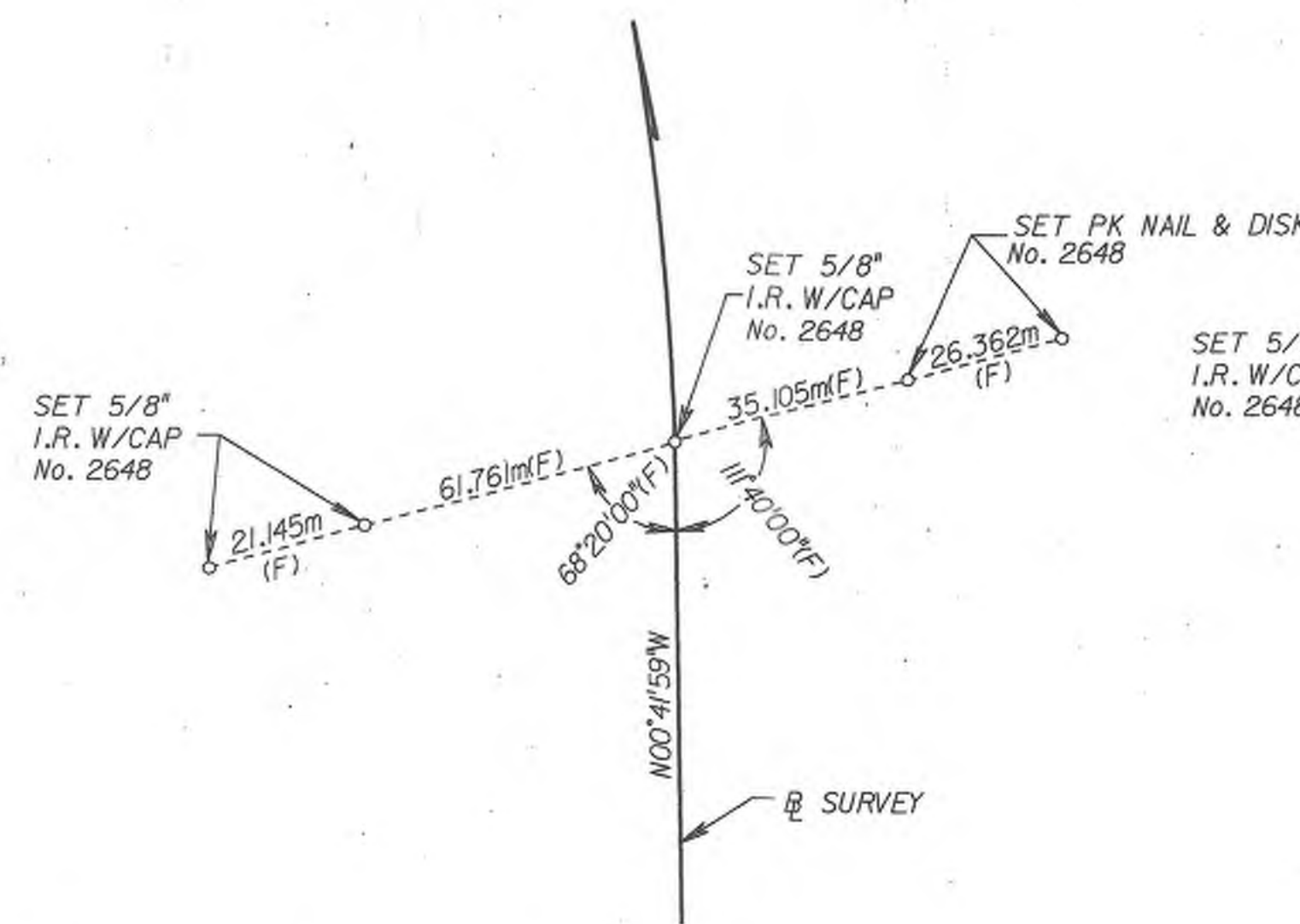




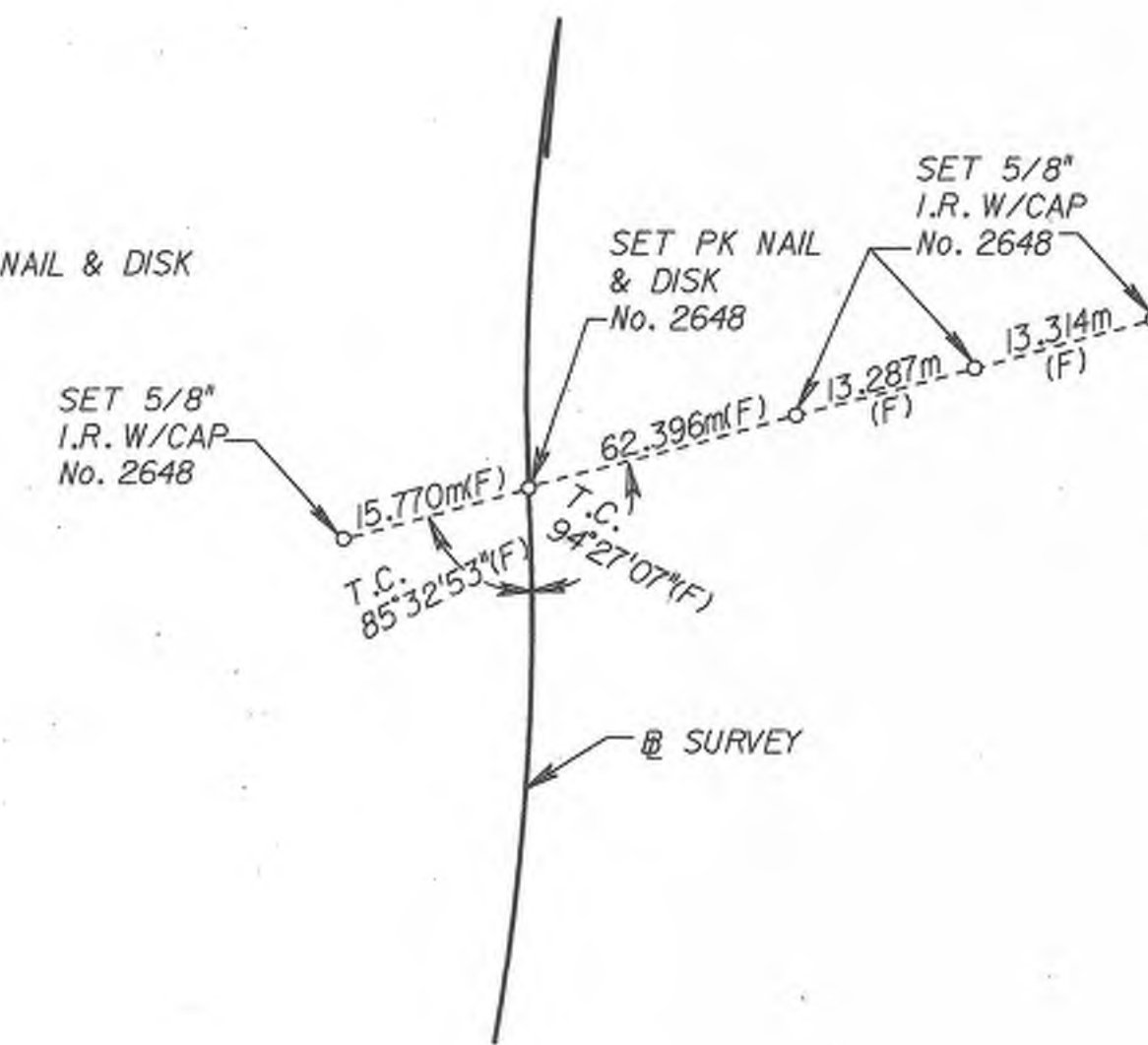
BEGIN STATION
P.C. STA. 00+00.00



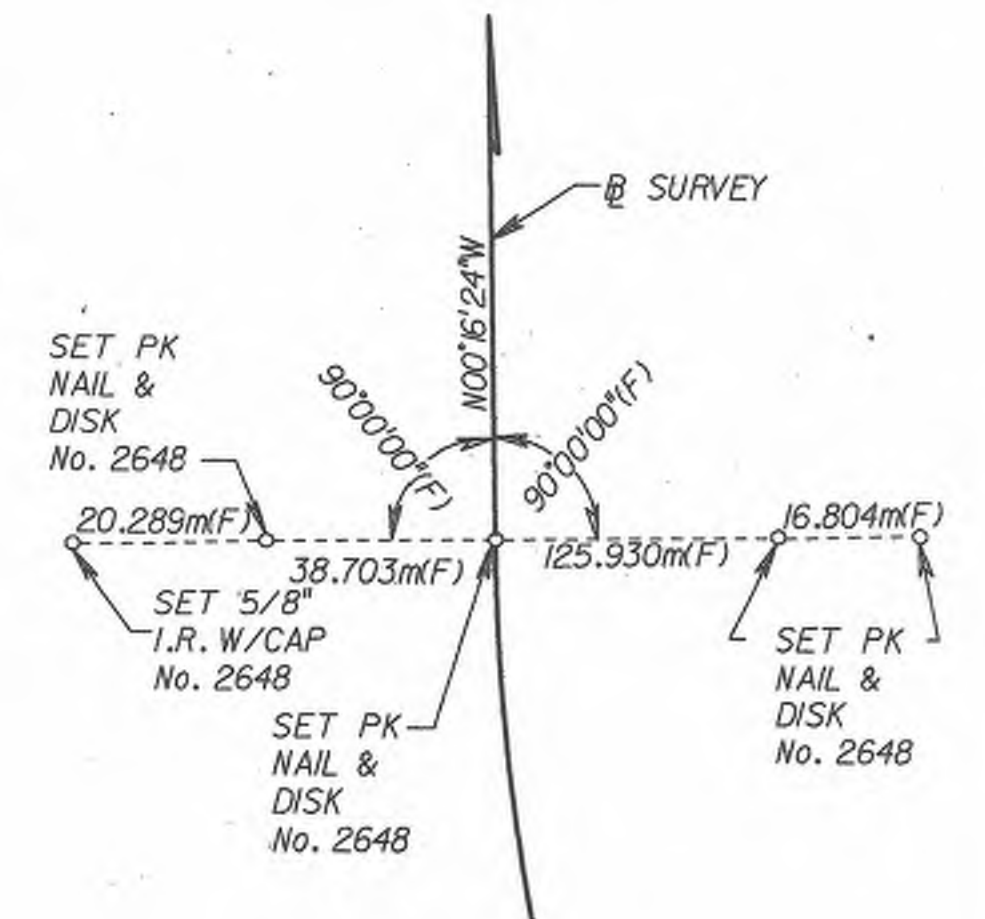
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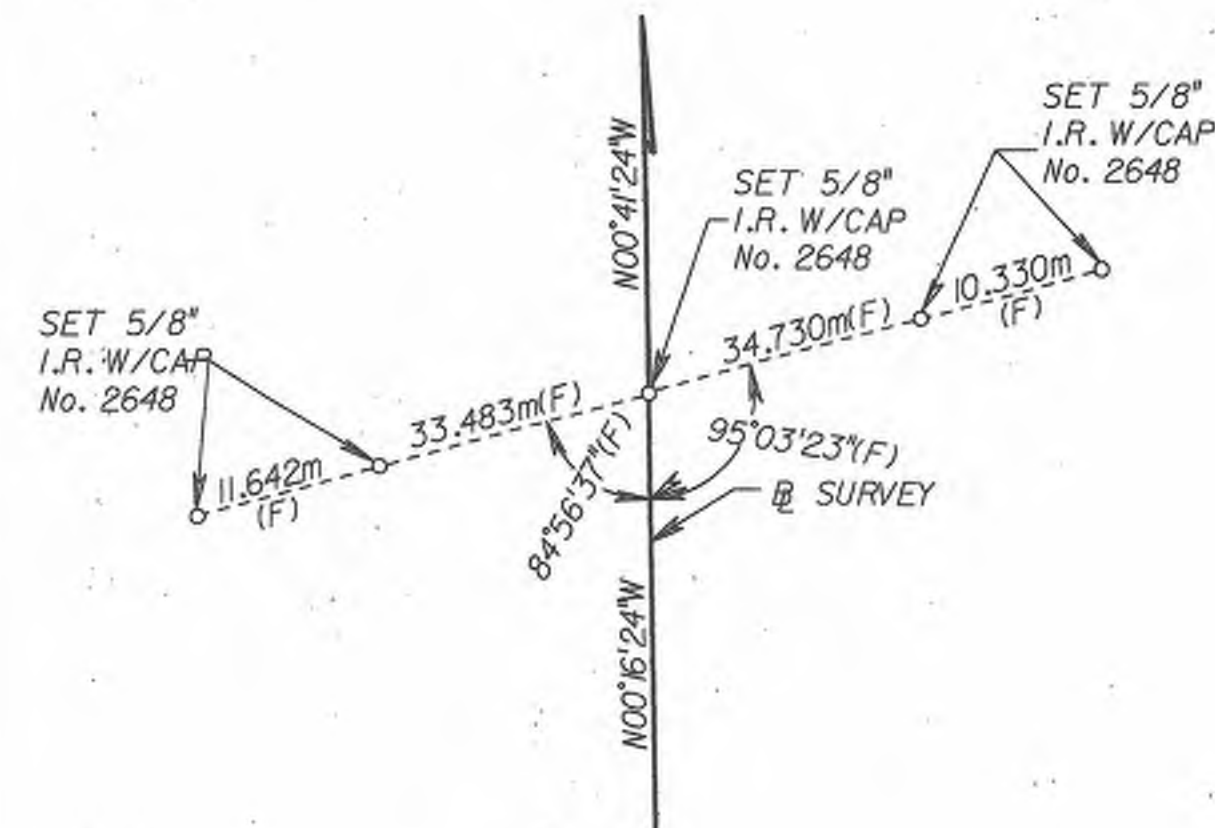
P.C. STA. 2+55.566



P.R.C. STA. 4+04.516

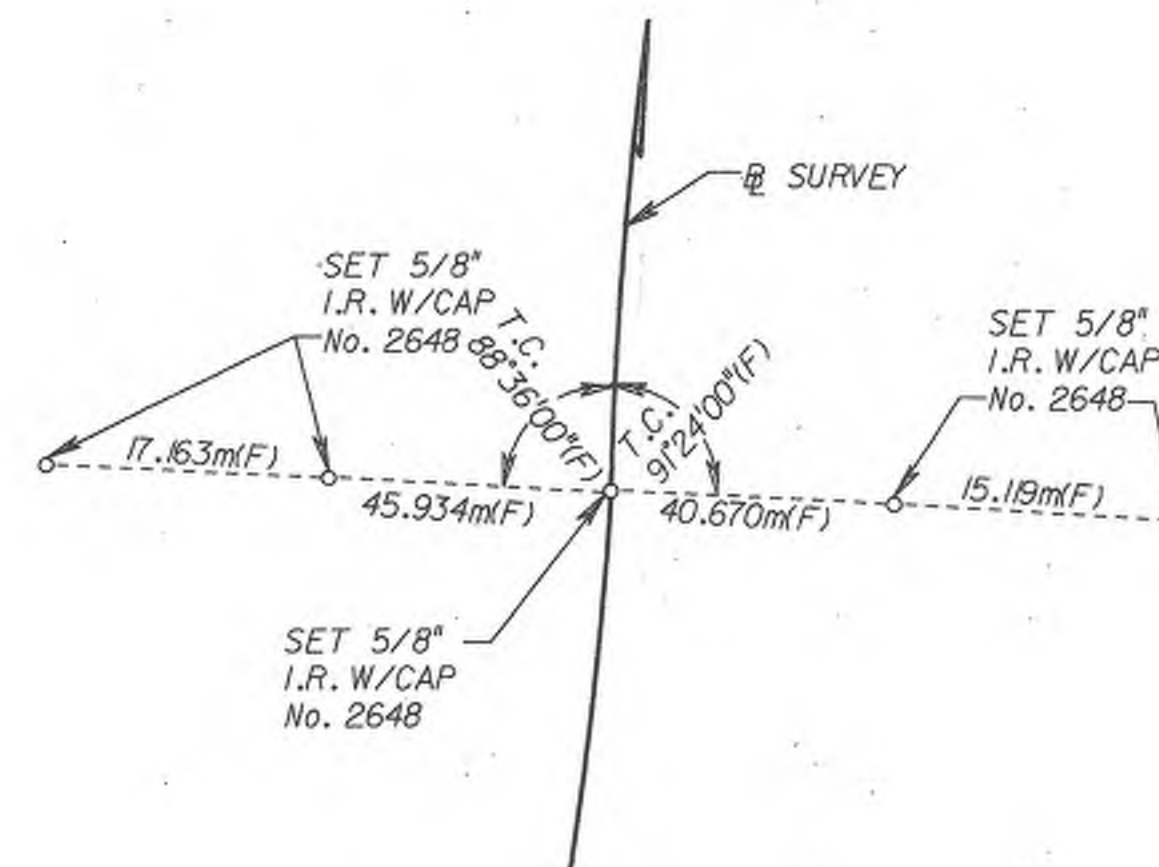


P.T. STA. 6+07.245

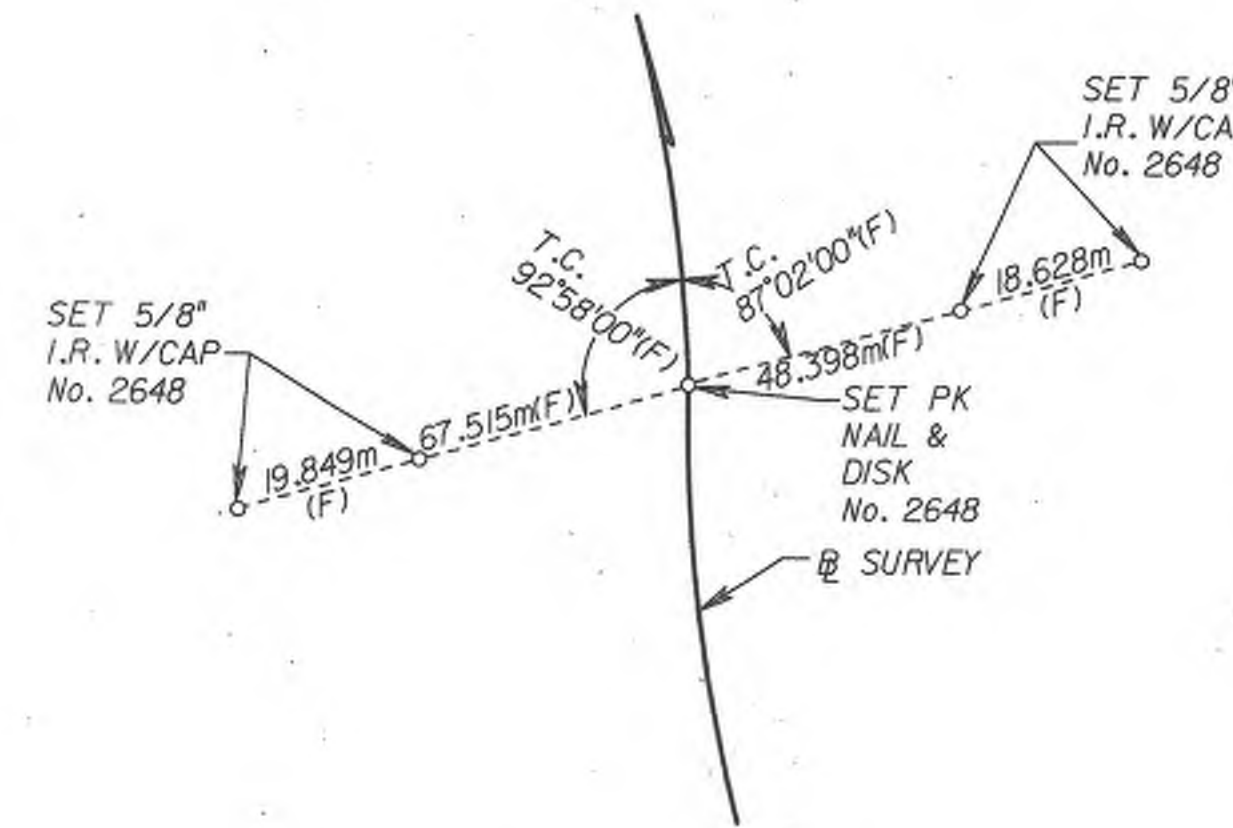


P.I. STA. 8+55.906

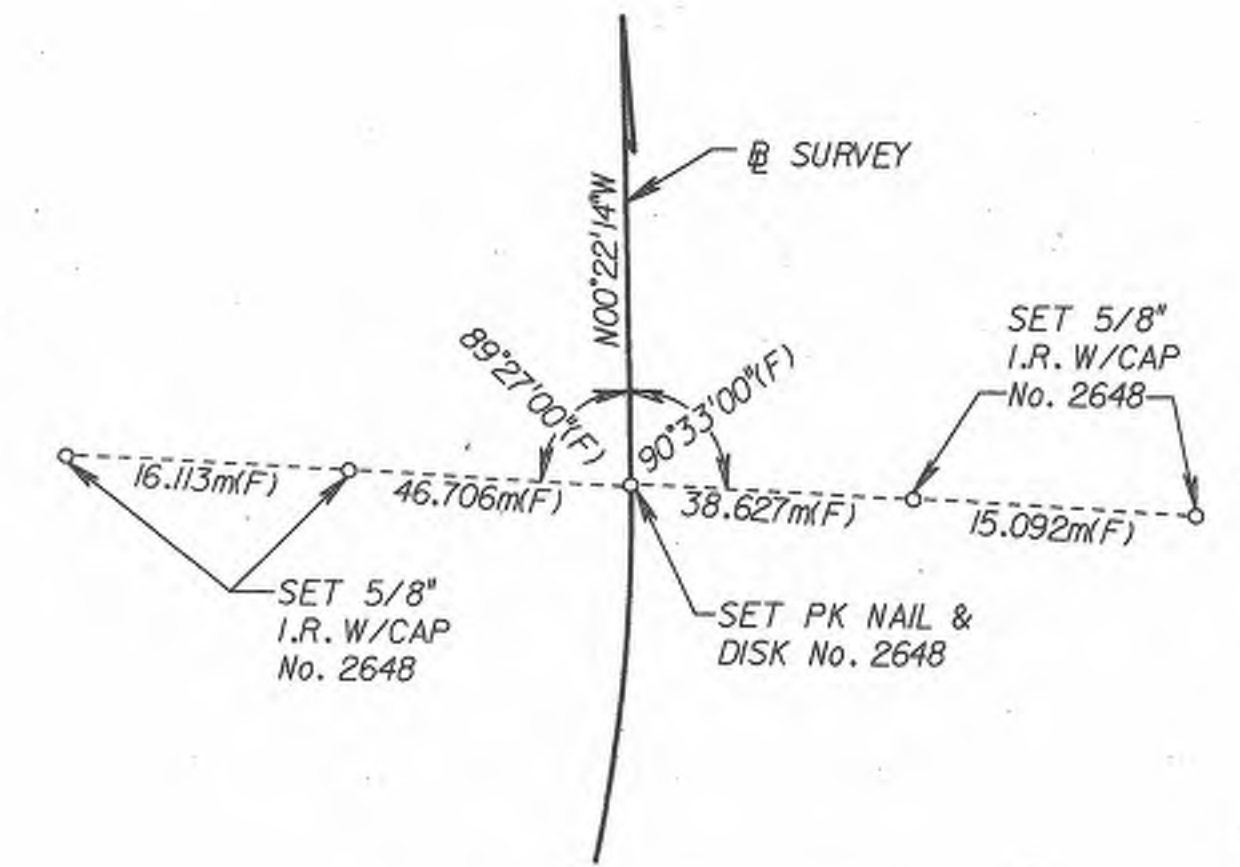
UNDER WATER



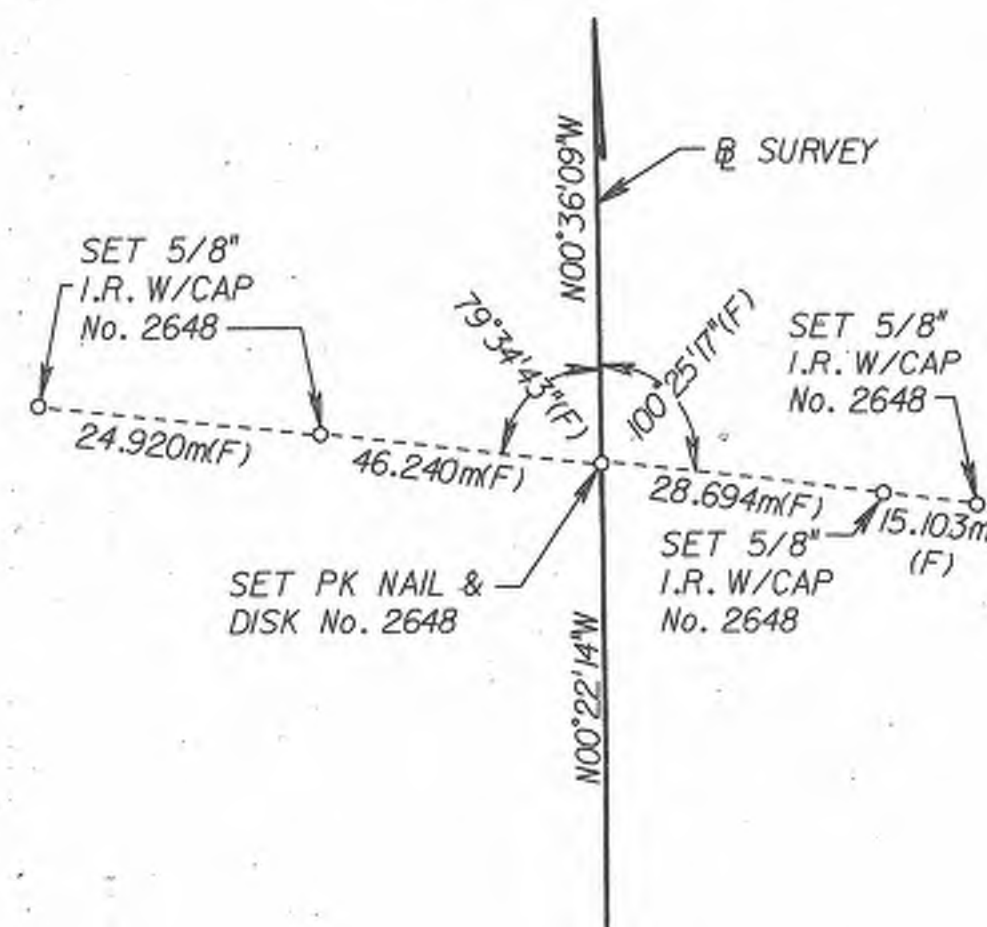
P.R.C. STA. 12+25.073



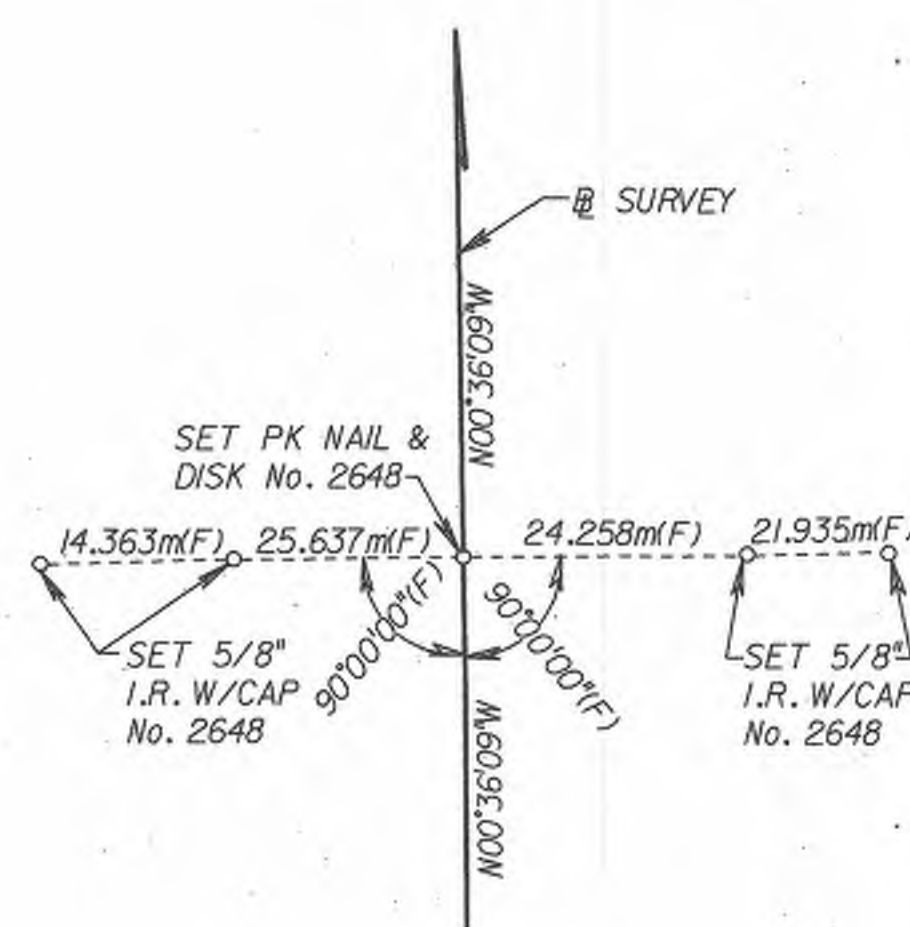
P.R.C. STA. 13+58.211



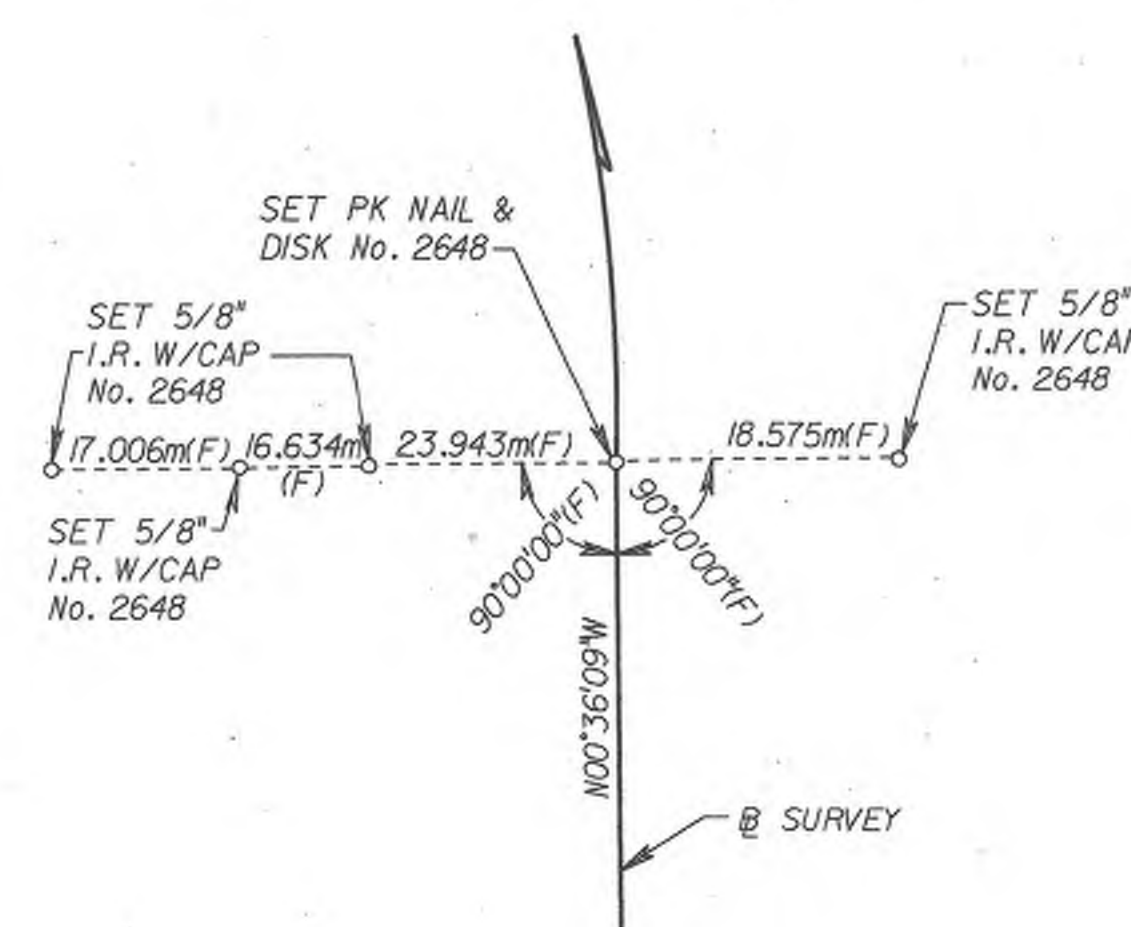
P.T. STA. 15+05.465



P.I. STA. 16+09.618



STA. 18+00.000



P.C. STA. 20+38.591

REFERENCE POINTS NOT TO SCALE

REFERENCE POINT SHEET

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND
AND GENERAL NOTES

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
Joe Booth
DATE
4/30/99
FOR DISTRICT SECRETARY

REVISION	BY	DATE	REVISION	BY	DATE

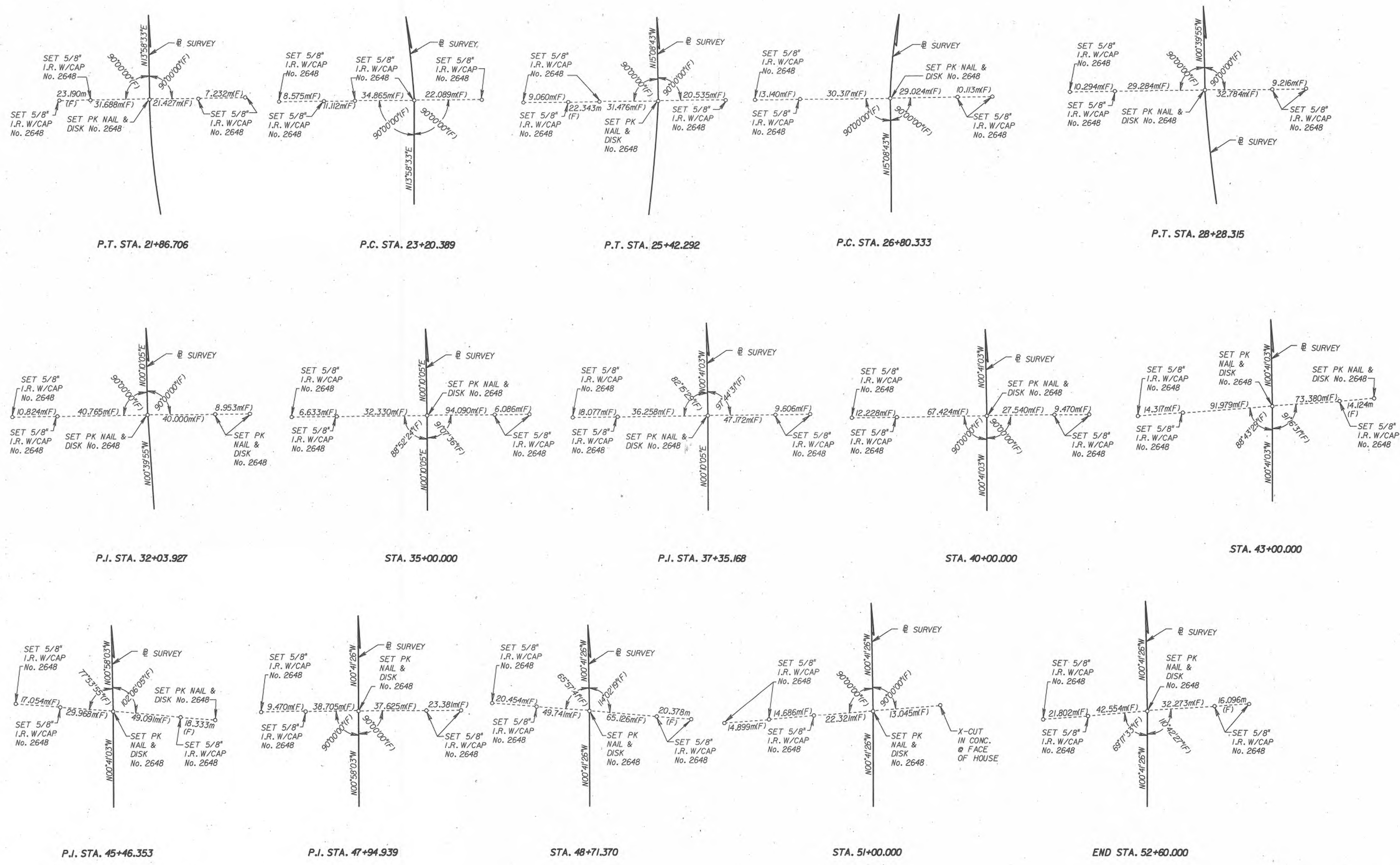
BY	DATE
PRELIM S. LOWE	10/15/97
FINAL D. HOLT	11/2/97
CHECKED A. SCHAEFER	11/5/97

F.A. PROJECT NO. 4311-031-P SECTION 77170-2510
MAY 01 1999
STATE ROAD NO. 434
SEMINOLE COUNTY
FPN 240167 I

MAPS PREPARED BY	D.R.M.P. INC.	FIELD BOOK NO.'S
1505 E. COLONIAL DRIVE ORLANDO, FL 32803	200989, 2005696, 2010022, 201021	
W.P.I. NO. 5117665	SCALE: N.T.S.	

SHEET 21 OF 25
S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

APR 30 1999



REFERENCE POINTS NOT TO SCALE

REFERENCE POINT SHEET

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR LEGEND
AND GENERAL NOTES

RIGHT OF WAY MAP	FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAPPING	APPROVED BY <u>KE. BOOTH</u> DATE <u>4/30/99</u> FOR DISTRICT SECRETARY	BY DATE PRELIM S. LONE 10/15/97 FINAL D. WOLT 11/3/97 CHECKED A. SCHAEFER 11/5/97	F.A. PROJECT NO. N/A SECTION 77170-2510 STATE ROAD NO. 434 SEMINOLE COUNTY S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD	MAPS PREPARED BY O.R.M.P. INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803 FIELD BOOK NO. 'S 200989, 2005696, 2010022, 201021 W.P.I. NO. 5117665 SCALE: N.T.S. FPN 240167 I SHEET 22 OF 25
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TABLE

OF

OWNERSHIPS

PARCEL NO.	SHEET NO.	NAME	AREA TAKEN		REMAINDERS LEFT		REMAINDERS RIGHT		COMMENTS	RECORDING DATA	REVISION BLOCK		
			METRIC	(ENGLISH)	METRIC	(ENGLISH)	METRIC	(ENGLISH)					
101	4-6	HUNTER'S RESERVE MASTER ASSOCIATION, INC.	0.3909 HA	0.966 AC	4.5269 HA	11.186 AC	0	0		01-CA-123-313-K			
102	4,5	LBS, LTD.	833.7 SM	8973 SF	0	0	0.8892 HA	2.197 AC	ABBREVIATED PARENT TRACT	0.R.3795, PG.1543			
103	5	CWS COMMUNITIES, LP	236.1 SM	2541 SF	0	0	0.9584 HA	2.368 AC		01-CA-974-13			
104	5	STANLEY E. FRADKIN, TRUSTEE	48.1 SM	517 SF	0	0	4.6997 HA	11.613 AC		0.R.3915, PG.1887			
105	5	BAILES PROPERTIES, INC.	27.9 SM	300 SF	0	0	1.6124 HA	3.984 AC		0.R.3943, PG.0689			
106	5	ZIMMER POSTER SERVICE	80.5 SM	867 SF	0	0	0.5076 HA	1.254 AC		0.R.3853, PG.0517			
107	5,6	MAXINE R. DANN, TRUSTEE	625.3 SM	6731 SF	0	0	2.4327 HA	6.011 AC		0.R.4013, PG.0292			
108	6,7	CULTER RIDGE REGIONAL	1234.6 SM	13289 SF	7.8822 HA	19.477 AC	0	0		01-CA-1925			
109	7	CITY OF ORLANDO/SEMINOLE COUNTY	463.4 SM	4988 SF	N/A	N/A	0	0		0.R.3857, PG.0492			
110	6,7	CAMEO HOMES OF FLORIDA, INC. - VOID -	1.3881 HA	3.430 AC	0	0	6.1436 HA	15.181 AC					
111	7,8	WEAT LAND PARTNERS II, A FLORIDA GENERAL PARTNERSHIP	1.8942 HA	4.681 AC	5.4496 HA	13.465 AC	0	0	ABBREVIATED PARENT TRACT	01-CA-131-013-W			
112	8	GARY RANDALL, AS TRUSTEE	0.2136 HA	0.528 AC	2.5682 HA	6.346 AC	0	0		01-CA-738-13-G			
113	8	NEIL A. PATTERSON AND MILANA L. PATTERSON	933.5 HA	10,048 SF	1.1283 HA	2.788 AC	0	0		0.R.4123, PG.0999			
114	8,9	MARONDA HOMES, INC. OF FLORIDA	0.2112 HA	0.522 AC	0.2780 HA	0.687 AC	0	0		01-CA-131-013-W			
115	4	STOCKBRIDGE ENTERPRISES	9.8 SM	105 SF	0.3006 HA	0.743 AC	0	0		01-CA-738-13-G			
116	9	SANDRA K. GEORGE	315.2 SM	3393 SF	386.2 SM	4157 SF	0	0		0.R.3860, PG.1637			
117	2,9	LAKE HAYES PROPERTIES	0.6681 HA	1.651 AC	0.9265 HA	2.289 AC	0	0		0.R.4049, PG.0659			
118	5,8	SEMINOLE COUNTY	1022.3 SM	3354 SF	N/A	N/A	N/A	N/A		0.R.3901, PG.1502			
119	9	STILLWATER OF FLYING CLOUD HOMEOWNERS' ASSOCIATION, INC.	88.1 SM	948 SF	0	0	0.6846 HA	1.692 AC		0.R.4066, PG.1512			
120	N/A	CITY OF OVIEDO	0	0	0	0	0	0	EXISTING R/W	0.R.3905, PG.1864			
121	9	RONALD BURTH	90.1 SM	970 SF	1645.7 SM	17,714 SF	0	0		0.R.3829, PG.1630			
122	9	ROY C. JONES, JR. AND JUDITH M. JONES	0.5314 HA	1.313 AC	0	0	0	0		0.R.3959, PG.0299			
123	9	JOHN E. MARATTA	0.3308 HA	0.817 AC	0	0	0	0		0.R.3915, PG.1885			
124	9	FORREST E. DULANEY AND MARY B. DULANEY	1801.9 SM	19,396 SF	0	0	0	0		0.R.3883, PG.0024			
125	10	JAIME E. COLLAZO AND MARY COPANEZZOS	1984.8 SM	21,364 SF	0	0	0	0		0.R.3853, PG.0512			
126	10	LILLIAN E. JACKSON	0.5660 HA	1.399 AC	0.5793 HA	1.432 AC	0	0		0.R.4025, PG.0206			
127	10	FRED ALFORD, ET AL	1184.90 SM	12,754 SF	0	0	0	0	WHOLE TAKE	0.R.3878, PG.1358			
127 PART	10	FLORIDA DEPARTMENT OF TRANSPORTATION	894.6 SM	9629 SF	N/A	N/A	N/A	N/A	CONVEYED BY QCD TO EEN, LLC.	0.R.8321, PG.1667			
128	9	ROY C. JONES, JR. AND JUDITH M. JONES	527.3 SM	1720 SF	N/A	N/A	N/A	N/A	PRIVATE/PUBLIC ROAD	0.R.4055, PG.1929			
129	10	JACK W. SHARE, JR. AND LYNDA C. SHARE	1385.4 SM	14,913 SF	N/A	N/A	0	0	WHOLE TAKE	0.R.3820, PG.1084			
130	10	LARRY J. GEHRLEIN AND LUCIA GEHRLEIN	1388.3 SM	14,944 SF	N/A	N/A	0	0	WHOLE TAKE	0.R.3905, PG.1873			
131	10	DOROTHY M. BECKER, TRUSTEE	1388.3 SM	14,944 SF	N/A	N/A	0	0	WHOLE TAKE	0.R.3838, PG.0526			
129 PART, 130 PART, 131 PART	10	FLORIDA DEPARTMENT OF TRANSPORTATION	0.3423 HA	0.8458 AC	N/A	N/A	0	0	CONVEYED BY QCD TO MAUREEN JEANETTE	0.R. 7627, PG. 1777			
132	15	TYNG-LIN YANG, ET AL	48.1 SM	518 SF	0.8439 HA	2.085 AC	0	0		01-CA-974-13			
133	10	LISA BOCCHINO AND STEPHEN BOCCHINO	410.3 SM	4416 SF	1908.7 SM	20,545 SF	0	0		0.R.3947, PG.1152			
134	10,11	KATERINA LUPTAK	0.7308 HA	1.806 AC	0	0	0	0	WHOLE TAKE	0.R.4034, PG.0774			
134 PART	10,11	DEPARTMENT OF TRANSPORTATION	0.6665 HA	1.647 AC	643.5 SM	6926 SF	0	0	CONVEYED BY QCD	0.R.8625, PG.0417			
135	12	SCHOOL BOARD OF SEMINOLE COUNTY	23.2 SM	250 SF	0	0	10.001 HA	24.712 AC.		0.R.3934, PG.0298			
136	10	STEVEN MARK ALFORD	0.2100 HA	0.519 AC	0	0	0	0		0.R.3851, PG.0566			
137	10	RICHLAND RADIOLOGY, LTD.	83.7 SM	901 SF	0	0	0.5152 HA	1.273 AC		0.R.3877, PG.0136			
207	6,7	GRANDEVILLE AT RIVER PLACE, LTD.	0.2115 HA	0.523 AC	11.6047 HA	28.676 AC	0	0	P.E. / OPEN DITCH	01-CA-1925			
208	7	ALAFAYA ONE	764.4 SM	8230 SF	0.5297 HA	1.309 AC	0	0	P.E. / OPEN DITCH	01-CA-1925			

ADD 134 PART	S. POWELL	12/12/17
ADDED PARCEL 127 PART AND REVISED FORMAT FOR 10/28/11 REVISION TO PARCELS 129-131 TO SHOW AS SINGLE CONVEYANCE OF PARTS	S. MILLER	09/29/14
REVISED COMMENTS PARCELS 129, 130 & 131	M.MELNDEZ	10/28/11
ADD RECORDING DATA	A. ROUP	11/27/01
RESTORED REM. PARCEL 111	S. MILLER	9/17/01
REVISE REM. & NAME PARCEL 111	S. MILLER	8/14/01
REVISE REM. PARCEL 108	A. ROUP	4/24/01
REVISE PARCEL 134	A. ROUP	03/13/01
PARCEL 134 - WHOLE TAKE	A. ROUP	03/05/01
ADD PARCELS 207,208	A. ROUP	02/06/01
REVISE PARCEL 108	A. ROUP	02/06/01
REVISE PARCEL 114	A. ROUP	01/29/01
REVISE TAKE PARCEL 101	P. MCGRAY	9-20-00
ADD REC. DATA	A. ROUP	7-20-00
NAME CHG. P. 103 & 108, WHOLE TAKE P. 130	A. ROUP	7-20-00
REVISED PARCEL 119	P. MCGRAY	7-6-00
REVISION	BY	DATE

NOTE:
sm - SQUARE METER
ha - HECTARE - 10000 m2
ac= ACRE
sf= square foot

LEGEND

PARCEL NUMBER IDENTIFICATION	TYPE USE
100-699	DEEDS OF ALL TYPES
700-799	TEMPORARY EASEMENTS
800-899	PERPETUAL EASEMENTS
900-999	LICENSE AGREEMENT

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
FOR DISTRICT SECRETARY

DATE	REVISED PARCEL 111	P. MCGRAY	5-08-00	REVISED PAR. 126 & 127	D. MOTT	01-20-2000
4-30-99	REV. PAR. 129 & 131	S. WALKER	3-17-00	REVISED PARCEL 111	S. WALKER	11-10-99
	REVISED PARCEL 111	P. MCGRAY	2-22-00	NAME CHG. PAR. 132	P. MCGRAY	10-14-99
	ADD PARCEL 128	P. MCGRAY	2-01-00	REVISED PARCEL 101,111	K. JOHNS	9-28-99
	REV. TAKE PARCEL 111	P. MCGRAY	01-27-00	& VOIDED PARCEL 110		
	REVISION	BY	DATE	REVISION	BY	DATE

PRELIM	BY	DATE
	S. LOWE	10/15/97
FINAL	D. HOLT	11/3/97
CHECKED	A. SCHAEFER	11/5/97

F.A. PROJECT NO. N/A
STATE ROAD NO. 434

SECTION 7710-2510
SEMINOLE COUNTY

MAPS PREPARED BY	D.R.M.P. INC.	FIELD BOOK NO. 'S
1505 E. COLONIAL DRIVE	200989, 2005698, 2010022, 201021	
ORLANDO, FL 32803		
W.P.I. NO. 5117665	SCALE: N/A	
FPN 240167 I		SHEET 23 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD

TABLE

OF

OWNERSHIPS

PARCEL NO.	SHEET NO.	NAME	AREA TAKEN		REMAINDERS LEFT		REMAINDERS RIGHT		COMMENTS	RECORDING DATA	REVISION BLOCK											
			METRIC	(ENGLISH)	METRIC	(ENGLISH)	METRIC	(ENGLISH)														
138	10	ROBERT J. VALONE AND JEAN A. VALONE	42.9 SM	462 SF	0	0	1386.3 SM	14,922 SF		O.R. 3963, PG. 3350												
139	10	SUSAN O. STEWART	0.2376 HA	0.587 AC	0	0	0	0		O.R. 3974, PG. 0472												
140	10	JOSEPH TORRES, ET UX	54.7 SM	589 SF	0	0	0.2276 SM	0.562 AC		O.R. 3874, PG. 1095												
141	10	JACK L. COX AND JOAN L. COX	39.8 SM	428 SF	0	0	1653.9 SM	17,802 SF		O.R. 3857, PG. 0487												
142	10	MARGARET KATHRYN STOUTD, ET VIR	98.2 SM	1057 SF	0	0	0.2215 HA	0.547 AC		O.R. 3901, PG. 1499												
143	11	DZUNG T. EWEN	116.0 SM	1249 SF	0	0	0.2056 HA	0.508 AC		O.R. 3996, PG. 1473												
144	11	THOMAS E. NORRELL	119.0 SM	1280.9 SF	0	0	0.2315 HA	0.572 AC		O.R. 3996, PG. 0259												
145	11	SUZANNE H. EBAUGH, TRUSTEE	237.9 SM	2561 SF	0	0	1.8743 HA	4.631 AC		O.R. 3985, PG. 1601												
146	11	CANTERBURY COVE HOMEOWNER'S ASSOCIATION, INC.	89.4 SM	962 SF	0	0	889.9 SM	9579 SF		O.R. 4088, PG. 0330												
147	11	JJL INVESTMENTS, INC.	202.6 SM	2181 SF	0	0	1953.2 SM	21,023 SF		O.R. 4107, PG. 0625												
148	11	CHAPMAN OAKS HOMEOWNERS ASSOC., INC.	264.7 SM	2849 SF	0	0	0.6216 HA	1.536 AC		01-CA-974-13												
149	11	JACK H. BRAY	30.2 SM	325 SF	0	0	527.6 SM	5679 SF		O.R. 4105, PG. 0305												
150	11	UDELL F. HOLMES	369.7 SM	3979 SF	1789.0 SM	19,256 SF	0	0		O.R. 3942, PG. 0382												
151	11	DOLORES A. COBB	452.6 SM	4872 SF	0.2190 HA	0.541 AC	0	0		O.R. 3942, PG. 0380												
152	11	EASTON PARK HOMEOWNER'S ASSOCIATION, INC. - VOID	16.6 SM	179 SF	265.3 SM	2856 SF	0	0														
153	11	ARACELLI CASTILLO - VOID	32.7 SM	352 SF	529.0 SM	5694 SF	0	0														
154	11	LENNAR HOMES, INC. - VOID	26.2 SM	282 SF	495.1 SM	5329 SF	0	0														
155	11	MARIANO LEMUS, JR. AND ROBYN J. LEMUS - VOID	19.8 SM	213 SF	500.6 SM	5388 SF	0	0														
156	11	FLOR L. PAGAN - VOID	16.6 SM	179 SF	659.9 SM	7103 SF	0	0														
157	11	OLYMPIA DEVELOPMENT, INC.	993.2 SM	10,691 SF	109.1 SM	1174 SF	0	0		O.R. 3990, PG. 1436												
158	11	WATSON REALTY CORPORATION	332.7 SM	3581 SF	0	0	0.5807 HA	1.435 AC		O.R. 4072, PG. 1361												
159	12	WEB PROPERTIES, INC.	723.2 SM	7784 SF			0.5966 HA	1.474 AC		01-CA-974-13												
160	11	BRYANT N. HICKSON	167.7 SM	1805 SF	1546.2 SM	16,643 SF	0	0		O.R. 3857, PG. 0490												
161	12	MOTIVA ENTERPRISES, LLC	1240.3 SM	13,350 SF	0.4659 HA	1.151 AC	0	0		O.R. 4049, PG. 0653												
162	12	THOMAS L. BELL AND CATHY L. BELL	133.0 SM	1432 SF	0.3689 HA	0.912 AC	0	0		O.R. 3942, PG. 0370												
163	12	MOTIVA ENTERPRISES LLC.	368.3 SM	3963 SF	0	0	0.5625 HA	1.390 AC		01-CA-818-13-L												
164	12,13	ALAFAYA CENTRAL PARTNERSHIP	0.2362 HA	0.584 AC	0	0	4.4366 HA	10.963 AC		01-CA-818-13-L												
165	12,13,18	G. ANDREW SPEER AND THOMAS A. SPEER	3.3188 HA	8.201 AC	11.5592 HA	28.563 AC	0	0		O.R. 4079, PG. 1995												
166	13	DUNHILL HOMEOWNERS ASSOCIATION, INC.	495.0 SM	5328 SF	3.7644 HA	9.302 AC	0	0		O.R. 4034, PG. 0776												
167	4,13,14	DARYL M. CARTER, TRUSTEE	617.9 SM	6651 SF	9.4634 HA	23.326 AC	0	0		O.R. 4086, PG. 0240												
168	13,14	EPISCOPAL RETREAT AND CONFERENCE CENTER	0.4185 HA	1.034 AC	0	0	15.3378 HA	37.900 AC		01-CA-818-13-L												
169	14	ALAFAYA WOODS HOMEOWNER'S ASSOCIATION, INC.	780.3 SM	8399 SF	0	0	430.0 SM	4628 SF		01-CA-818-13-L												
170	14	THE CITIZENS BANK OF OVIEDO	304.8 SM	3281 SF	0	0	0.8207 HA	2.028 AC		01-CA-738-13-G												
171	14	ALAFAYA POINT, INC.	541.8 SM	5832 SF	0	0	0.3508 HA	0.867 AC		O.R. 3999, PG. 0569												
172	14,15	ALAFAYA SQUARE ASSOCIATES, LTD.	0.2036 HA	0.503 AC	0	0	8.8200 HA	21.799 AC		01-CA-818-13-L												
173	14	INSURANCE COLLISION SPECIALISTS OF OVIEDO, LLP	206.5 SM	2223 SF	0.8020 HA	1.982 AC	0	0		01-CA-974-13												
174	14	SHURGARD - OVIEDO JOINT VENTURE	88.0 SM	947 SF	3.6518 HA	9.024 AC	0	0		01-CA-974-13												
175	14	BASSAM I. NASSER, TRUSTEE	307.4 SM	3309 SF	3.4873 HA	8.617 AC	0	0		O.R. 4002, PG. 1370												
176	14,15	AMK JOINT PARTNERSHIP	223.3 SM	2404 SF	0.5652 HA	1.397 AC	0	0		01-CA-738-13-G												
RIGHT OF WAY MAP											FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAPPING			APPROVED BY <i>J.E. Booth</i> DATE 5-30-99			REVISION 148 P. MCGRAY 5-31-00 NAME CHG. P. 144, 167 P. MCGRAY 10-14-99			BY DATE		
														REV. P. 149, 158, 159, 163 P. MCGRAY 5-31-00 REV. P. 143, 152, 156, 157 K. JOHNS 9-28-99			PRELIM S. LOWE 10/15/97			F.A. PROJECT NO. N/A SECTION 77170-2510		
														REV. P. 147, 168 P. MCGRAY 5-12-00 REV. P. 145, 163, 166, 175 S. WALKER 3-16-00 REV. P. 164 S. WALKER 8-18-99			FINAL D. HOLT 11/23/97			STATE ROAD NO. 434 SEMINOLE COUNTY		
														ADD PAR. 158 REV. TAKE 148 P. MCGRAY 1-27-00 ADD PAR. 159 S. WALKER 8-18-99			CHECKED A. SCHAEFER 11/5/97			MAPS PREPARED BY D.R.M.P. INC. 1505 E. COLONIAL DRIVE ORLANDO, FL 32803 FIELD BOOK NO. S 200989, 2005696, 2010022, 201021		
																				W.P.I. NO. 5117665 SCALE: N/A		
																				FPN 240167 I SHEET 24 OF 25		
																				S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD		

TABLE OF OWNERSHIPS

PARCEL NO.	SHEET NO.	NAME	AREA TAKEN		REMAINDERS LEFT		REMAINDERS RIGHT		COMMENTS	RECORDING DATA	REVISION BLOCK		
			METRIC	(ENGLISH)	METRIC	(ENGLISH)	METRIC	(ENGLISH)					
177	15	SAN BARONTO, INC.	99.7 SM	1073 SF	0.4379 HA	1.082 AC	0	0		O.R. 4104, PG. 0230			
178	15	FOUNTAIN - WEST, A LIMITED PARTNERSHIP	50.8 SM	547 SF	0.8949 HA	2.211 AC	0	0		01-CA-738-13-G			
179	15	HASSAN SOLTANI AND JOHN T. TOBIN, JR.	50.4 SM	542 SF	1018.7 SM	10,965 SF	0	0		01-CA-818-13-L			
180	15	FREDERICK W. FRANZ AND KATHY L. FRANZ	40.3 SM	434 SF	761.4 SM	8196 SF	0	0		O.R. 4123, PG. 0994			
181	15	ROBERT J. MOJA	44.0 SM	474 SF	757.6 SM	8155 AC	0	0		01-CA-891-13-W			
182	15	ORLANDO RESTAURANTS REAL ESTATE JOINT VENTURE	111.1 SM	1196 SF	0.3694 HA	0.913 AC	0	0		01-CA-891-13-W			
183	15,16	ALBERTSON'S INC.	552.8 SM	5950 SF	3.3770 HA	8,344 AC	0	0		01-CA-891-13-W			
184	15	CHEVRON U.S.A. INC.	948.5 SM	10,209 SF	0	0	0.4410 HA	1.090 AC		01-CA-891-13-W			
185	15	BANK OF AMERICA, N.A.	754.3 SM	8119 SF	0	0	0.8068 HA	1.994 AC		01-CA-891-13-W			
186	15	RUSSEL W. BOSTON	466.1 SM	5017 SF	0	0	2.2456 HA	5.549 AC		O.R. 4052, PG. 0771			
187	15	WINDERMERE GROVES, INC.	406.6 SM	4377 SF	0	0	0.9932 HA	2.454 AC		O.R. 4072, PG. 1367			
188	16	AMOCO OIL COMPANY	296.1 SM	3187 SF	0.4097 HA	1.013 AC	0	0		01-CA-974-13			
189	16	JAMES JOSEPH DEZEGO JR. AND PATRICIA ANN DEZEGO	212.7 SM	2289 SF	0.2514 HA	0.621 AC	0	0		01-CA-738-13-G			
190	16	RICHARD F. TRISMEN & THOMAS P. WARLOW, III, IND. & CO-TR	441.6 SM	4753 SF	1.2243 HA	3.025 AC	0	0		O.R. 3915, PG. 1890			
191	16	MARY E. BOSTON	96.8 SM	1042 SF	1345.6 SM	14,484 SF	0	0		O.R. 3947, PG. 1150			
192	16	ANTHONY D. MAYS AND BEATRICE L. MAYS	82.8 SM	891 SF	775.5 SM	8347 SF	0	0		O.R. 4028, PG. 1506			
193	16	CHARLES LEE MARIMON AND NANCY MARIMON	15.2 SM	164 SF	1450.5 SM	15,613 SF	0	0		O.R. 3877, PG. 0134			
194	16	TOWN OF OVIEDO	23.6 SM	254 SF	1761.4 SM	18,959 SF	0	0		O.R. 3905, PG. 1871			
195	16	C. LEE CLONTS, ET AL	103.5 SM	1114 SF	0.7759 HA	1.917 AC	0	0		O.R. 4072, PG. 1369			
196	15,16	LOUIS L. HUNTLEY ENTERPRISES	332.7 SM	3581 SF	0	0	0.5388 HA	1.331 AC		01-CA-974-13			
197	16	WALGREEN CO.	738.5 SM	7949 SF	0	0	0.7294 HA	1.802 AC		01-CA-738-13-G			
198	16	GENNIE WILLIAMS	397.7 SM	4281 SF	0	0	0.3989 HA	0.986 AC		01-CA-161-913-L			
199	16	WEST OF EDEN PARTNERSHIP	395.3 SM	4254 SF	0	0	0.6837 HA	1.689 AC		01-CA-891-13-W			
200	16	MARY SUE JACKSON	178.4 SM	1920 SF	0	0	524.0 SM	5640 SF		O.R. 3968, PG. 0100			
201	16	MAE F. HIRD, ET AL	26.7 SM	287 SF	0	0	1.8546 HA	4.583 AC		O.R. 3897, PG. 0578			
202	18	RICHARD S. WOODRUFF AND MARILYN M. WOODRUFF	297.7 SM	3204 SF	0.3787 HA	0.936 AC	0	0		O.R. 4060, PG. 1805			
203 VOID	18	DON G. GALLAGHER, ET AL	195.5 SM	2104 SF	0.3680 HA	0.909 AC	0	0					
204	18	THOMAS N. MAZZA AND JEANETTE M. MAZZA	171.8 SM	1849 SF	0.3914 HA	0.967 AC	0	0		O.R. 4031, PG. 0334			
205	18	STEPHEN J. RATCLIFF	103.4 SM	1113 SF	0.3984 HA	0.984 AC	0	0		O.R. 4009, PG. 1428			
206	18	BARBARA S. CASHION	200.0 SM	2153 SF	0.5861 HA	1.448 AC	0	0		O.R. 3938, PG. 0007			
800	5,6	HUNTER'S RESERVE MASTER ASSOCIATION, INC.	529.3 SM	5697 SF	SEE PARCEL 101				P.E. / MAINTENANCE	01-CA-123-313-K			
801	5,6	CULTER RIDGE REGIONAL CENTER, LTD.	544.9 SM	5865 SF	SEE PARCEL 108				P.E. / MAINTENANCE	01-CA-1925			
802	6,7	RIVERWIND AT ALAFAYA TRAIL VOID	1453.5 SM	15,645 SF			7.5317 HA	18.611 AC	P.E. / MAINTENANCE				
803	7	WEAT LAND PARTNERS II, A FLORIDA GENERAL PARTNERSHIP	831.9 SM	8955 SF	SEE PARCEL 111				P.E. / OPEN DITCH	01-CA-131-013-W			
804	13	EPISCOPAL RETREAT AND CONFERENCE CENTER VOID	424.8 SM	4572 SF	SEE PARCEL 168				HARMONIZING EASEMENT				
805	6	CUTLER RIDGE REGIONAL CENTER, LTD.	833.5 SM	8972 SF	SEE PARCEL 108				P.E. / OPEN DITCH	01-CA-1925			
806	6	T.I.I.T.F.	25985.1 SM	6.421 AC	N/A	N/A	N/A	N/A	SUBMERGED LANDS - R/W EASEMENT	O.R. 3951, PG. 1779			
807	6,7	GRANDEVILLE AT RIVER PLACE, LTD.	0.2613 HA	0.646 AC	SEE PARCEL 207 ON SHEET 6 & 7				P.E. / OPEN DITCH	01-CA-1925			
808	7	ALAFAYA ONE	519.4 SM	5591 SF	SEE PARCEL 208 ON SHEET 7				P.E. / OPEN DITCH	01-CA-1925			
809	7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	REMOVED, SEE REVISION BLOCK	N/A			
810	13,14,19	ROCHE DEVELOPMENT GROUP INC.	3796.3 SM	40864 SF	N/A	N/A	N/A	N/A	PERPETUAL DRAINAGE EASEMENT	BOOK 06587, PAGES 1777 - 1779			
811	13,14,19	ODYSSEY(II) DP XVII L.L.C.	981.7 SM	10567 SF	N/A	N/A	N/A	N/A	PERPETUAL DRAINAGE EASEMENT	BOOK 06587, PAGES 1783 - 1784			

ADD PARCELS 810 & 811	J. SHEPHERD	05/22/07
ADD RECORDING DATA	A. ROUP	11/21/01
RESTORED P. 803, REMOVED P. 809	S. MILLER	9/17/01
REVISED NAME & AREA P. 803, ADDED P. 809	S. MILLER	8/14/01
REVISE AREA P. 807 & 808	A. ROUP	4/24/01
ADD PARCELS 807, 808 & REVISE PAR. 805	A. ROUP	02/06/01
REVISE AREA P. 805 VOID P. 802	J. SHEPHERD	10/03/00
REVISE AREAS P. 202, 204, 205 VOID P. 203	P. MCCRAY	09/26/00
NAME CHANGES P. 801, 802 & 805	A. ROUP	07/20/00
REV. PAR. 803	P. MCCRAY	05/08/00

REVISION BY DATE

NOTE:
sm = SQUARE METER
ha = HECTARE = 10000 m2
ac = ACRE
sf = square foot

LEGEND

PARCEL NUMBER IDENTIFICATION	TYPE USE
100-699	DEEDS OF ALL TYPES
700-799	TEMPORARY EASEMENTS
800-899	PERPETUAL EASEMENTS
900-999	LICENSE AGREEMENT

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAPPING

APPROVED BY
J.E. Booth
FOR DISTRICT SECRETARY

DATE	REV. P. 183	S. WALKER	3-17-00	REV. PAR. 803	S. WALKER	11-10-99
4-30-99	REV. TAKE PAR. 803	P. MCCRAY	02/22/00	NAME CHG. PAR. 203	P. MCCRAY	10-14-99
	REV. REM. PAR. 190	P. MCCRAY	2/8/00	REVISED PARCEL 802, 803,	K. JOHNS	9-28-99
	REV. TAKE PAR. 803	P. MCCRAY	1-27-00	VOIDED PARCEL 804	D. MOTT	7/29/99
	REV. PARCELS 199, 201	P. MCCRAY	1-12-00	ADDED PAR. 806		
	REVISION	BY	DATE	REVISION	BY	DATE

PRELIM	S. LOWE	10/15/97
FINAL	D. HOLT	11/23/97
CHECKED	A. SCHAEFER	11/5/97

F.A. PROJECT NO. N/A

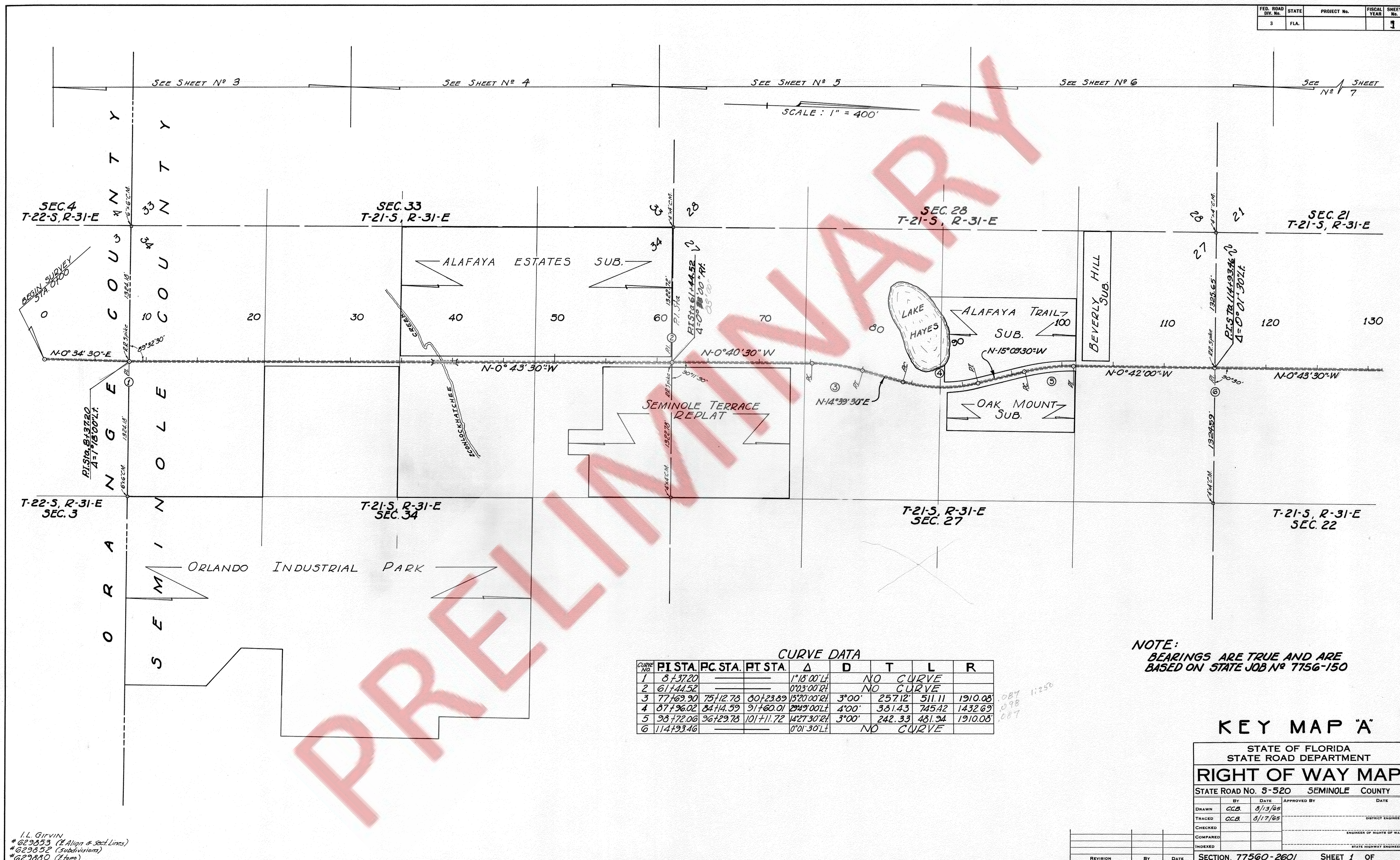
STATE ROAD NO. 434

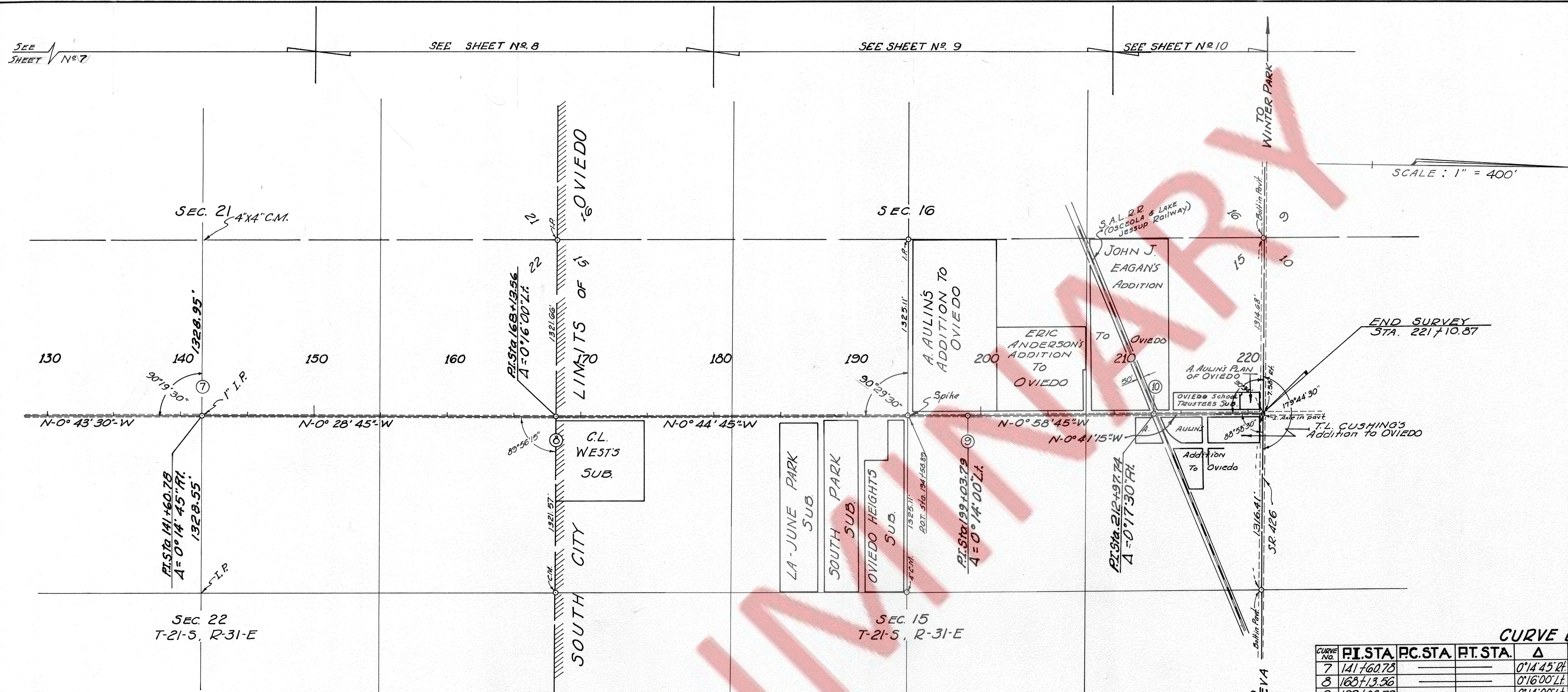
SECTION 77170-2510

SEMINOLE COUNTY

MAPS PREPARED BY	D.R.M.P. INC.	FIELD BOOK NO.'S
1505 E. COLONIAL DRIVE		200989, 2005696, 2010022, 201021
ORLANDO, FL 32803		
W.P.I. NO. 5117665	SCALE: N/A	
FPN 240167 I		SHEET 25 OF 25

S.R. 434 FROM MCCULLOCH ROAD TO MITCHELL HAMMOCK ROAD





SEC. 22
T-21-S, R-31-E

SEC. 15
T-21-S, R-31-E

SUMMARY				OF EXISTING POWER AND TELEPHONE POLES															
Station	Lt	Rt	Type	Owner	Station	Lt	Rt	Type	Owner	Station	Lt	Rt	Type	Owner	Station	Lt	Rt	Type	Owner
8+14		45.5	POW	F.R.C.	88+33	36.4		POW & GUY	F.R.C.	151+63		44.7	POW	F.R.C.	188+07	20'		POW	F.R.C.
12+86		42.5	POW	"	89+72		45'	POW	"	153+12		44.6	POW	"	188+08		20'	TEL	S.B.T. & T.
17+69		43.5	POW	"	92+98		43.5	POW	"	154+88		45'	POW	"	190+37	19.6'		POW	F.R.C.
21+39.5		43.8	POW	"	93+22		50.5	POW	"	157+22		43.3	POW	"	192+43.5		20'	POW & GUY	"
26+78		43'	POW	"	95+29		49.5	POW	"	159+53		44'	POW	"	192+47	20'		POW	"
30+20		43'	POW	"	95+82		42.5	POW	"	161+13		43.6	POW	"	195+02		18'	POW	"
33+72		43.5	POW	"	97+41		42'	POW	"	164+47		44'	POW	"	196+26		17.9'	POW	"
37+19.5'		44.5	POW	"	98+38		47'	POW	"	164+57	50'		POW & GUY	"	197+95		16.8	POW	"
40+20		44.5	POW	"	100+20		46'	POW & GUY	"	166+92.5		44'	POW	"	197+97		16.9'	POW	"
42+63		44'	POW	"	100+34		43.4	POW	"	168+36		34'	POW	"	198+83.5		16.2'	POW	"
45+62		44'	POW	"	101+94		44'	POW	"	168+63.5	33.3		POW	"	199+16	59.7'		POW	"
48+62.5		43.6	POW	"	104+72		44.2'	POW	"	170+18.5	30.4		POW & GUY	"	200+48.5		16.5	POW	"
51+62		43.8	POW	"	104+74		42.2'	POW	F.R.C.	170+19		21.6	POW	"	202+13		17'	POW	"
54+62		44.4	POW	"	105+34		36.5	POW	F.P. & L. Co.	171+22	31.8		POW & GUY	"	203+50		17'	POW	"
57+62		44.5	POW	"	105+55		36.5	POW	F.P. & L. Co.	171+34		20.4	POW	"	205+15		16.3'	POW	"
61+18		44.5	POW	"	106+90.5		44.6	POW	F.R.C.	173+72.5	23.2		POW & GUY	"	206+70		16.5'	POW	"
61+18.5	45'		POW & GUY	"	111+01		46'	POW	"	173+81		20'	POW	"	208+21.5	48'		POW	"
65+51		44.5	POW	"	111+80		40.2'	POW	"	174+38	18.7'		POW	"	208+22		15.3'	POW	"
68+52		44.5	POW	"	115+21		44.8	POW	"	174+87		20'	POW	"	209+56		14.8'	POW	"
73+15		43.7	POW	"	119+89		44.3'	POW	"	176+86	21.2'		POW	"	211+10		14.3'	POW	"
74+71	66'		POW	"	124+49		45.5	POW	"	176+97		27'	POW	F.R.C.	212+59		15'	POW	"
76+54		43.2	POW	"	129+01		46'	POW	"	179+35		21'	TEL	S.B.T. & T.	213+64.5		14'	POW	"
79+03	44'		POW	"	133+49		45.5	POW	"	179+38		21'	POW	F.R.C.	215+23.5		15.3'	POW	"
79+05		42.5	POW	"	133+51		45.5	POW	"	182+24	24.4'		POW	"	217+14.5		15.2'	POW	"
83+11	45.9		POW	"	137+49		42.5	POW	"	182+28		22'	POW	"	217+28		15'	POW	"
83+76		45.6	POW	"	141+56		44.6	POW	"	184+18	22.7'		POW	"	218+59		14'	POW	"
85+63	37.3		POW	"	141+59	60.4'		POW & GUY	"	184+68	70'		POW	"	219+74		14.8'	POW	"
85+81		40.3'	POW	"	144+75		44.5	POW	"	184+87		50.3	POW	"					
88+30		44.4'	POW	F.R.C.	148+06.5		46.2'	POW	F.R.C.	186+12	23.2'		POW	F.R.C.					

I. L. GIVIN
#629853 (E. Align. & Sect. Lines)
#629852 (Subdivisions)
#629880 (E. topo)

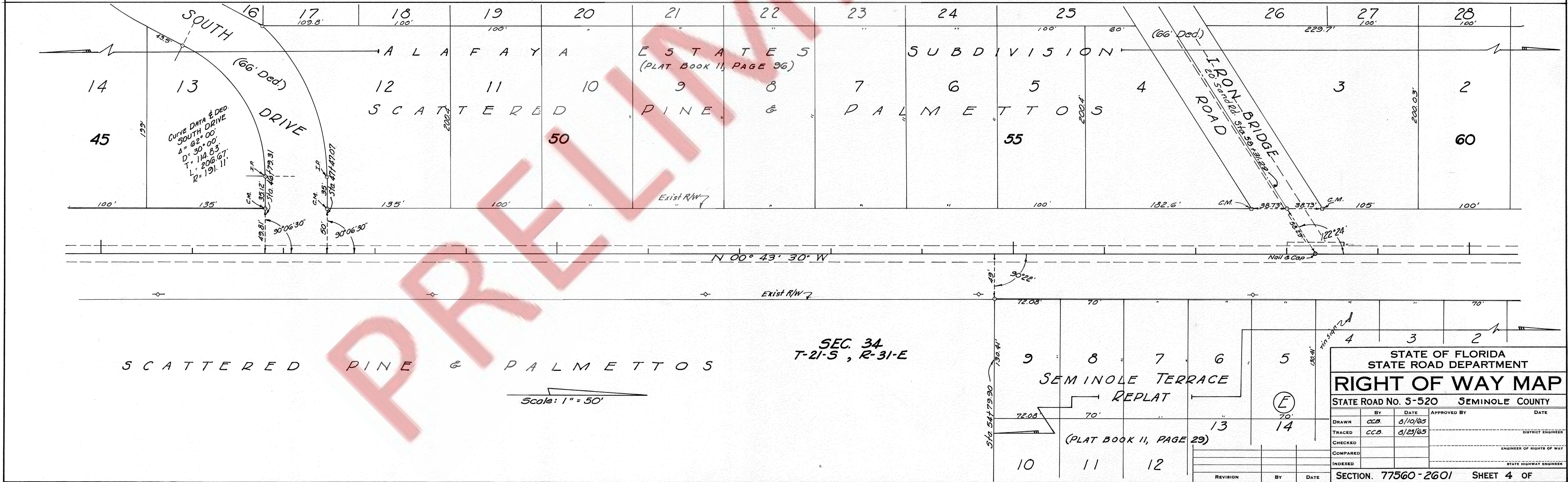
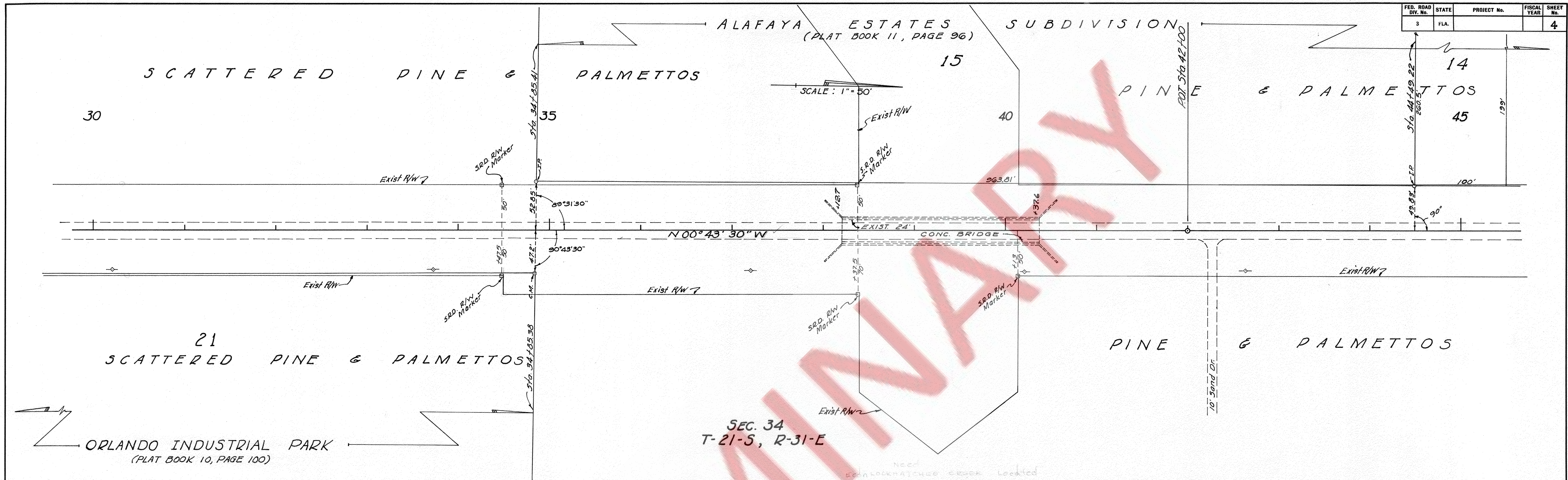
CURVE DATA									
CURVE No.	P.I. STA.	P.C. STA.	P.T. STA.	Δ	D	T	L	R	
7	141+60.78			0°14'45" R		NO	CURVE		
8	163+13.56			0°16'00" L		NO	CURVE		
9	199+03.79			0°14'00" L		NO	CURVE		
10	212+97.74			0°17'30" R		NO	CURVE		

POLE OWNERS
F.P.C. = Florida Power Corporation
F.P. & L. Co. = Florida Power & Light Company
S.B.T. & T. = SOUTHERN BELL TELEPHONE & TELEGRAPH CO.
HIGH TENSION LINE CROSSES @
AT STA. 105+50 ± = FLORIDA POWER & LIGHT CO.
HIGH TENSION LINE CROSSES @
AT STA. 168+60 ± = FLORIDA POWER CORP.

NOTE:
BEARINGS ARE TRUE AND ARE
BASED ON STATE JOB No. 7756-150

KEY MAP "B"

STATE OF FLORIDA STATE ROAD DEPARTMENT			
RIGHT OF WAY MAP			
STATE ROAD No. S-520 SEMINOLE COUNTY			
DRAWN	BY	DATE	APPROVED BY
CCB	CCB	8/13/68	
TRACED	CCB	8/13/68	
CHECKED			
COMPARED			
INDEXED			
SECTION. 77560-2601 SHEET 2 OF			



STATE OF FLORIDA STATE ROAD DEPARTMENT			
RIGHT OF WAY MAP			
STATE ROAD No. 5-520		SEMINOLE COUNTY	
DRAWN	BY	DATE	APPROVED BY
CCB	CCB	8/10/85	
TRACED	CCB	8/25/85	DISTRICT ENGINEER
CHECKED			ENGINEER OF RIGHTS OF WAY
COMPARED			STATE HIGHWAY ENGINEER
INDEXED			
REVISION	BY	DATE	
SECTION. 77560-2601			SHEET 4 OF

Scale : 1" = 50'

120

125

130

135

CITRUS GROVE



Exist. R/W

N 00° 43' 30" W

Exist. R/W

3RD R/W Marker

3RD R/W Marker

W

O

O

D

S

SEC. 22
T-21-S, R-31-E

135

140

145

150

CITRUS GROVE



Citrus Trees

Exist. R/W

N 00° 43' 30" W

90° 19' 36" W
50' 11"

N 00° 28' 45" W

Exist. R/W

85' 0" Di.
1320.95'

SEC. 22
T-21-S, R-31-E

Scale : 1" = 50'

W

O

O

D

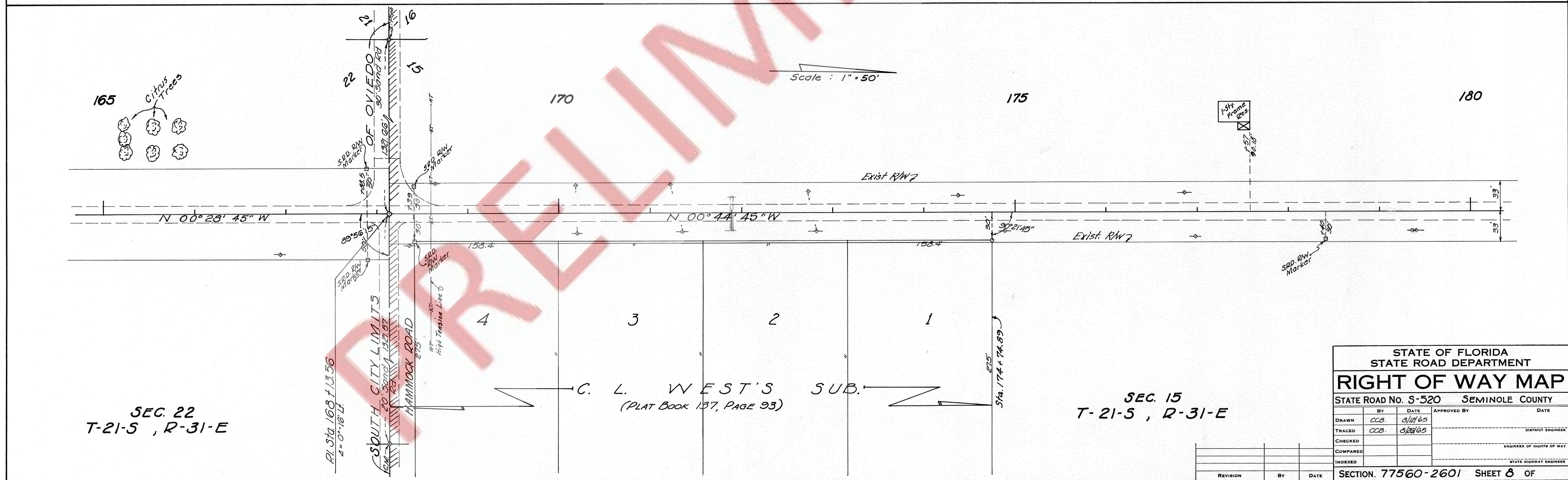
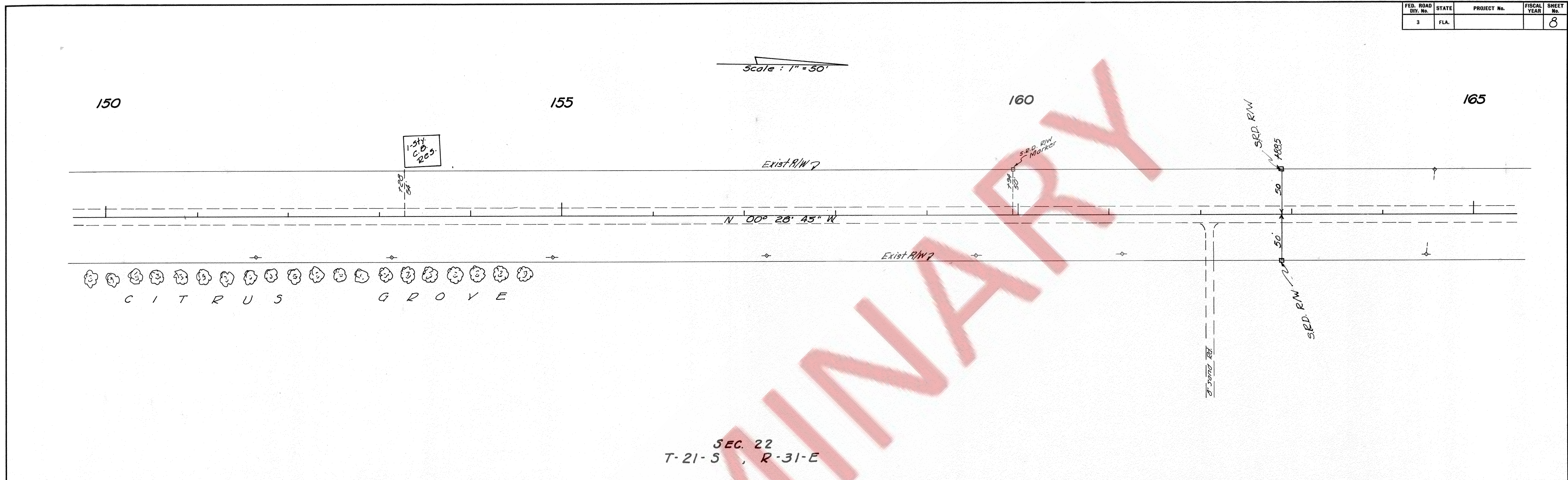
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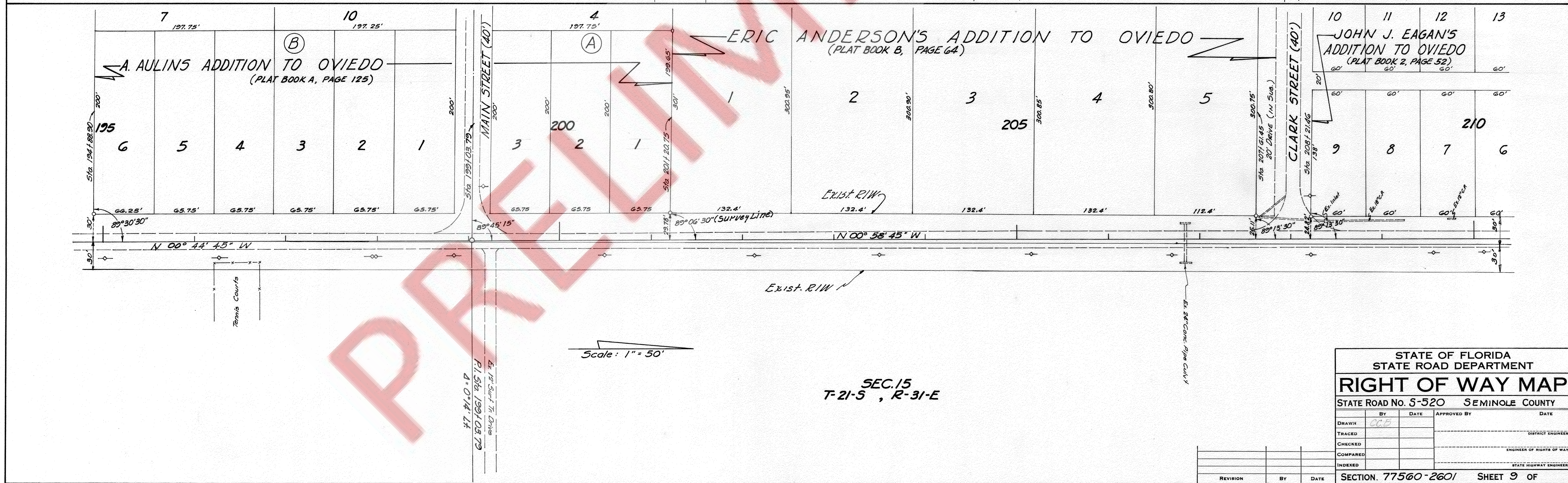
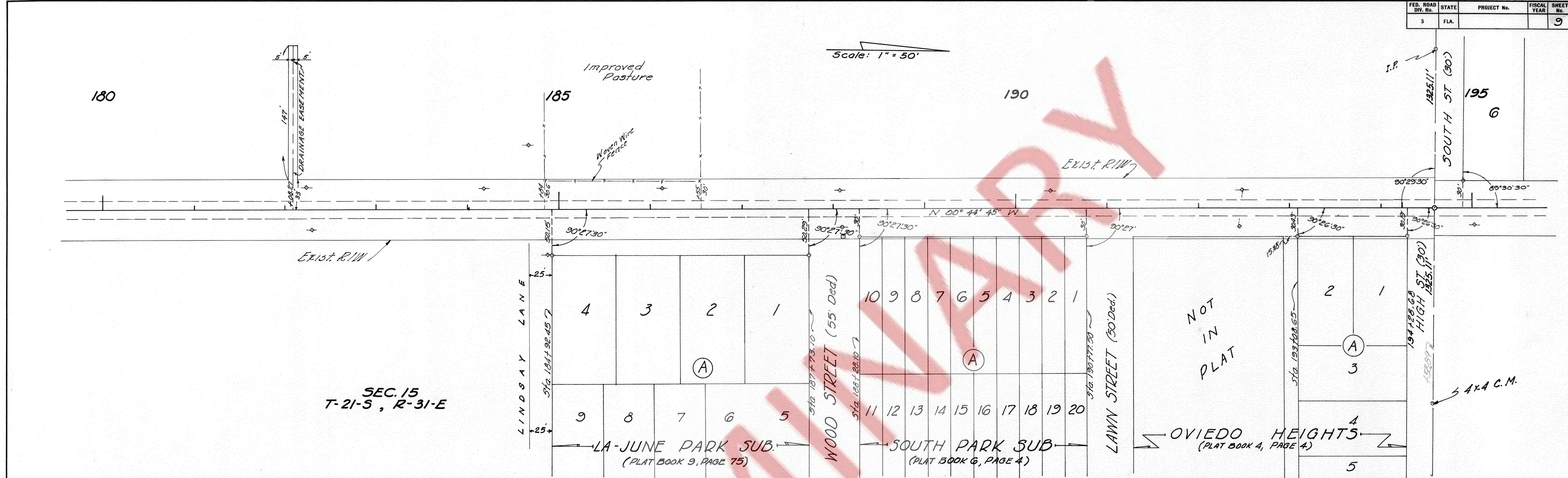
CITRUS GROVE

STATE OF FLORIDA STATE ROAD DEPARTMENT			
RIGHT OF WAY MAP			
STATE ROAD No. S-520		SEMINOLE COUNTY	
DRAWN	CC.B.	DATE	3/12/85
TRACED	CC.B.	DATE	3/25/85
CHECKED			
COMPARED			
INDEXED			
REVISION	BY	DATE	

SECTION. 77560 - 2601	SHEET 7 OF
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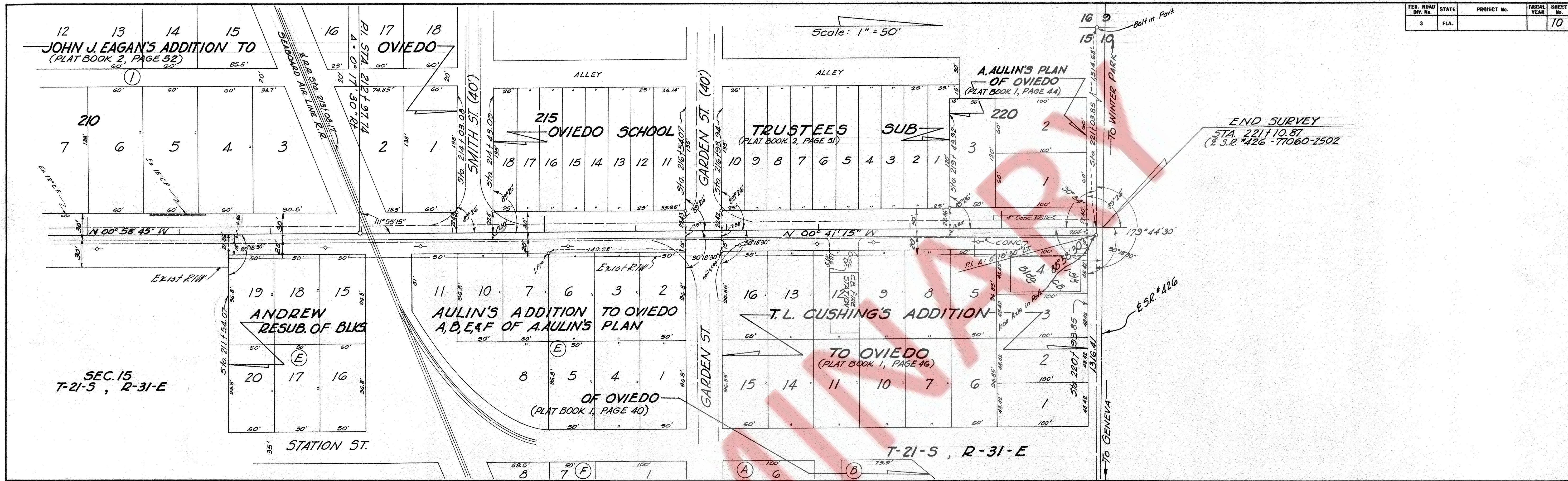


STATE OF FLORIDA STATE ROAD DEPARTMENT			
RIGHT OF WAY MAP			
STATE ROAD NO. 5-520		SEMINOLE COUNTY	
BY	DATE	APPROVED BY	DATE
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TRACED	CCB	8/24/65	
CHECKED			
COMPARED			
INDEXED			
SECTION 77560-2601 SHEET 8 OF			



STATE OF FLORIDA STATE ROAD DEPARTMENT			
RIGHT OF WAY MAP			
STATE ROAD No. S-520 SEMINOLE COUNTY			
DRAWN	BY	DATE	APPROVED BY
CCB			
TRACED			DISTRICT ENGINEER
CHECKED			ENGINEER OF RIGHTS OF WAY
COMPARED			STATE HIGHWAY ENGINEER
INDEXED			
REVISION	BY	DATE	

SECTION. 77560-2601 SHEET 9 OF



GENERAL NOTES

1. THIS RIGHT OF WAY MAP IS SUPPORTED BY A RIGHT OF WAY CONTROL SURVEY, SECTION 77060, F.P. NO. 415030-1, DATED 12/15/2011, PREPARED UNDER THE RESPONSIBLE CHARGE OF WILLIAM E. BYRD, PROFESSIONAL SURVEYOR AND MAPPER NUMBER 5442. CERTIFIED COPIES OF THIS SURVEY ARE FILED IN THE SURVEYING AND MAPPING UNIT OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT FIVE OFFICE, DELAND, FLORIDA.
2. THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 NORTH AMERICAN DATUM, 1990 ADJUSTMENT, AS ESTABLISHED FROM THE F.D.O.T. DISTRICT 5 PRIMARY NETWORK CONTROL 77 02 A, FILED IN THE SURVEYING AND MAPPING SECTION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT FIVE OFFICE, AT DELAND, FLORIDA, DERIVING A BEARING OF S 89°38'04" E ON THE CENTERLINE OF SURVEY OF S.R. 426 BETWEEN P.I. STATION 598+56.83 AND P.I. STATION 605+78.03, AS SHOWN ON THE RIGHT OF WAY CONTROL SURVEY REFERENCED IN GENERAL NOTE NO. 1.
3. THE CURVE DATA (TANGENT & LENGTH) AND THE CENTERLINE OF SURVEY STATIONING HAS BEEN CALCULATED BASED ON THE CENTRAL ANGLE OF THE CURVES EXPRESSED TO ONE-TENTH (00.0") OF A SECOND, AS DERIVED FROM THE COORDINATE VALUES FOR THE POINT OF INTERSECTION (P.I.) OF SAID CURVES. THE CENTRAL ANGLE OF THE CURVES AND ALL BEARINGS SHOWN HEREON HAVE BEEN ROUNDED TO THE NEAREST SECOND (00") PER FLORIDA DEPARTMENT OF TRANSPORTATION MAPPING STANDARDS.
4. UNLESS OTHERWISE NOTED ALL DATA DESIGNATED AS (F) IS TAKEN FROM THE RIGHT OF WAY CONTROL SURVEY REFERENCED ABOVE IN GENERAL NOTE NO. 1.
5. THE EXISTING RIGHT OF WAY LINES AS SHOWN HEREON ARE BASED ON: THE FLORIDA STATE ROAD DEPARTMENT RIGHT OF WAY MAP SECTIONS 77060-2501 AND 77060-2502 FOR STATE ROAD 426; THE F.D.O.T. RIGHT OF WAY MAP SECTION 77060 FOR COUNTY ROAD 426; THE FLORIDA STATE ROAD DEPARTMENT RIGHT OF WAY MAP PROJECT 5436 (ROAD NO. 203) AND F.D.O.T. RIGHT OF WAY MAP SECTION 77070- 2901 FOR COUNTY ROAD 419; THE FLORIDA STATE ROAD DEPARTMENT RIGHT OF WAY MAP SECTIONS 7756-150 AND F.D.O.T. RIGHT OF WAY MAP SECTION 77070 FOR STATE ROAD 434; RECORD TITLE OR PLAT DEDICATION, UNLESS SPECIFICALLY SHOWN OTHERWISE.
6. ONLY THE FIXED IMPROVEMENTS PERTINENT TO THE PARCELS TO BE ACQUIRED ARE SHOWN HEREON. FIXED INTERIOR IMPROVEMENTS AND UNDERGROUND FOUNDATION ENCROACHMENTS, IF ANY, HAVE NOT BEEN LOCATED. THIS INFORMATION IS SUPPORTED BY DATA CONTAINED IN ELECTRONIC MEDIA FILE 2402333CS.ZIP. THIS DATA IS FILED IN THE SURVEYING AND MAPPING UNIT OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT FIVE OFFICE, DELAND, FLORIDA.
7. PROPERTY BOUNDARIES HAVE BEEN DETERMINED FROM FIELD SURVEY, PLATS OF RECORD AND RECORD TITLE.
8. THIS RIGHT OF WAY MAP HAS BEEN PREPARED FOR THE PURPOSE OF PREPARING LEGAL LAND DESCRIPTIONS, PREPARING ACQUISITION DOCUMENTS, MONUMENTATION, PROPERTY MANAGEMENT, AND AS AN AID IN THE APPRAISAL OF THE RIGHT OF WAY REQUIRED FOR TRANSPORTATION FACILITIES.
9. ATTENTION IS DIRECTED TO THE FACT THAT THESE MAPS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

LEGEND

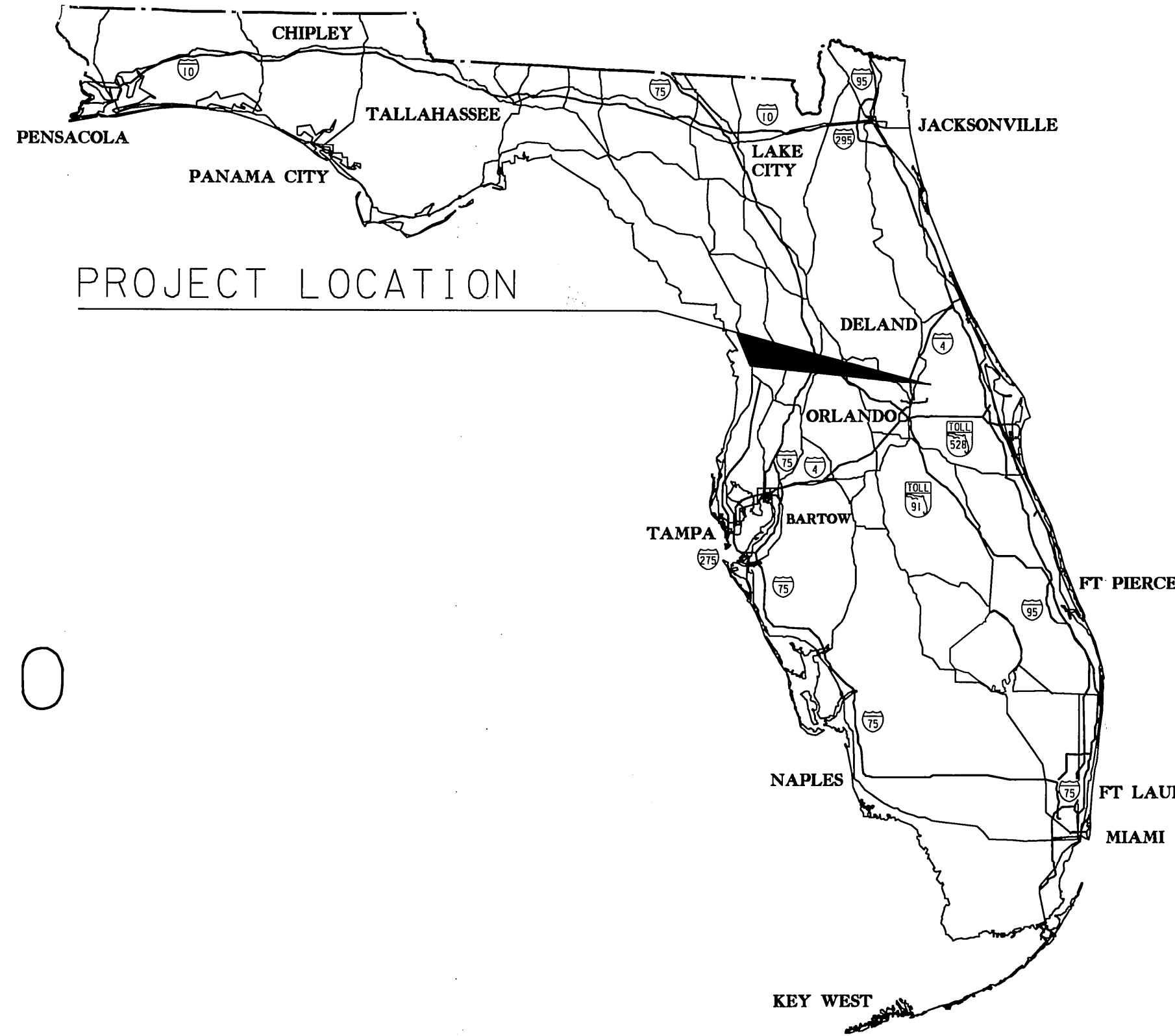
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AC.	ACRE(S)	MI.	MILE(S)
AHD.	AHEAD	MON.	MONUMENT
APPROX.	APPROXIMATE	N.A.D.	NORTH AMERICAN DATUM
ASPH.	ASPHALT	N.D.	NAIL AND DISK
AVE.	AVENUE	N.R.	NON RADIAL
A.E.	ACCESS EASEMENT	N.T.S.	NOT TO SCALE
BSA	BOWYER-SINGLETON & ASSOCIATES, INC.	N/A	NOT APPLICABLE
B.D.	BRASS DISK	NL	NAIL
BK.	BACK	NO.	NUMBER
BLVD.	BOULEVARD	O/A	OVERALL
C.B.	CONDOMINIUM BOOK	O.R.B.	OFFICIAL RECORD BOOK
C.B.S.	CONCRETE BLOCK STRUCTURE	P.B.	PLAT BOOK
C.C.	COUNTY COMMISSION	P.C.	POINT OF CURVATURE
C.C.R.	CERTIFIED CORNER RECORD	P.C.C.	POINT OF COMPOUND CURVATURE
C.I.P.	CAPITAL IMPROVEMENT PROGRAM	P.D.E.	PERPETUAL DRAINAGE EASEMENT
C.M.	CONCRETE MONUMENT	PERP.	PERPETUAL
C.M.D.	CONCRETE MONUMENT W/ DISK	P.C.P.	PERMANENT CONTROL POINT
CB	CHORD BEARING	P.I.	POINT OF INTERSECTION
CO.	CHORD DISTANCE OF CURVE	P.K.	PARKER-KALON NAIL
COMM.	COUNTY	P.K.D.	PARKER-KALON NAIL WITH DISK
CONC.	CONCRETE	P.L.S.	PROFESSIONAL LAND SURVEYOR
COR.	CORNER	P.O.C.	POINT ON CURVE
d	PENNY (60d NAIL)	P.O.L.	POINT ON LINE
D	DEGREE OF CURVATURE	P.O.T.	POINT ON TANGENT
D.B.	DEED BOOK	P.R.C.	POINT OF REVERSE CURVATURE
D.E.	DRAINAGE EASEMENT	P.S.M.	PROFESSIONAL SURVEYOR & MAPPER
D.E.P.	DEPARTMENT OF ENVIRONMENTAL PROTECTION	P.U.E.	PUBLIC UTILITY EASEMENT
D.H.	DRILLED HOLE	PRM	PERMANENT REFERENCE MONUMENT
DR.	DRIVE	P.T.	POINT OF TANGENCY
EQ.	EQUATION	PAGE	PAGE
EQM.T	EASEMENT	PROJ.	PROJECT
EXIST.	EXISTING	PVMT	PAVEMENT
F.A.P.	FEDERAL AID PROJECT	R	RADIUS
F.P.	FINANCIAL PROJECT	REF	REFERENCE
F.D.O.T./FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	R.L.S.	REGISTERED LAND SURVEYOR
F.D.O.T. C.M.	4"x4" C.M. CAPPED WITH F.D.O.T. BRASS DISK	RR.	RAILROAD
FND.	FOUND	RGE.	RANGE
F.P.C.	FLORIDA POWER CORPORATION	R.C.	ROD AND CAP
FPBL	FLORIDA POWER AND LIGHT	RT	RIGHT
G.P.S.	GLOBAL POSITIONING SYSTEM	R/W	RIGHT OF WAY
GOV'T	GOVERNMENT	S.B.B.	STORY BRICK BUILDING
ID.	IDENTIFICATION	S.F.	SQUARE FEET
INC.	INCORPORATED	S.R.	STATE ROAD
I.B.	IRON BAR	S.R.D.	STATE ROAD DEPARTMENT
I.B.C.	IRON BAR WITH CAP	S.S.E.	STATE SEWER EASEMENT
I.P.	IRON PIPE	SEC.	SECTION
I.R.	IRON ROD	SHT.	SHEET
I.P.C.	IRON PIPE WITH CAP	STA.	STATION
I.R.C.	IRON ROD WITH CAP	T	TANGENT LENGTH OF CURVE
J.W.G./JWG	JONES, WOOD & GENTRY	T.C.	TANGENT TO CURVE
L	LENGTH OF CURVE	TIITF	TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND
LB	LAND SURVEYING BUSINESS REGISTRATION NO.	T.U.E.	TECHNOLOGY UTILITY EASEMENT
LS	LAND SURVEYOR REGISTRATION NO.	TWP.	TOWNSHIP
(LL)	LAND LINE	W.C.	WITNESS CORNER
L.A.	LIMITED ACCESS	W.P.I.	WORK PROGRAM ITEM
L.O.C.	LIMITS OF CONSTRUCTION	W/	WITH
L.T.	LEFT	W.C.	WITH CENTER LINE
LTD.	LIMITED	W.C.	WITH PROPERTY LINE
M.B.	MAP BOOK	W.C.	WITH DELTA (CENTRAL ANGLE)
		(C)	CALCULATED DATA
		(D)	DEED DATA
		(F)	FIELD DATA
		(P)	PLAT DATA

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

MAPS OF THE
STATE HIGHWAY
RIGHT OF WAY MAP

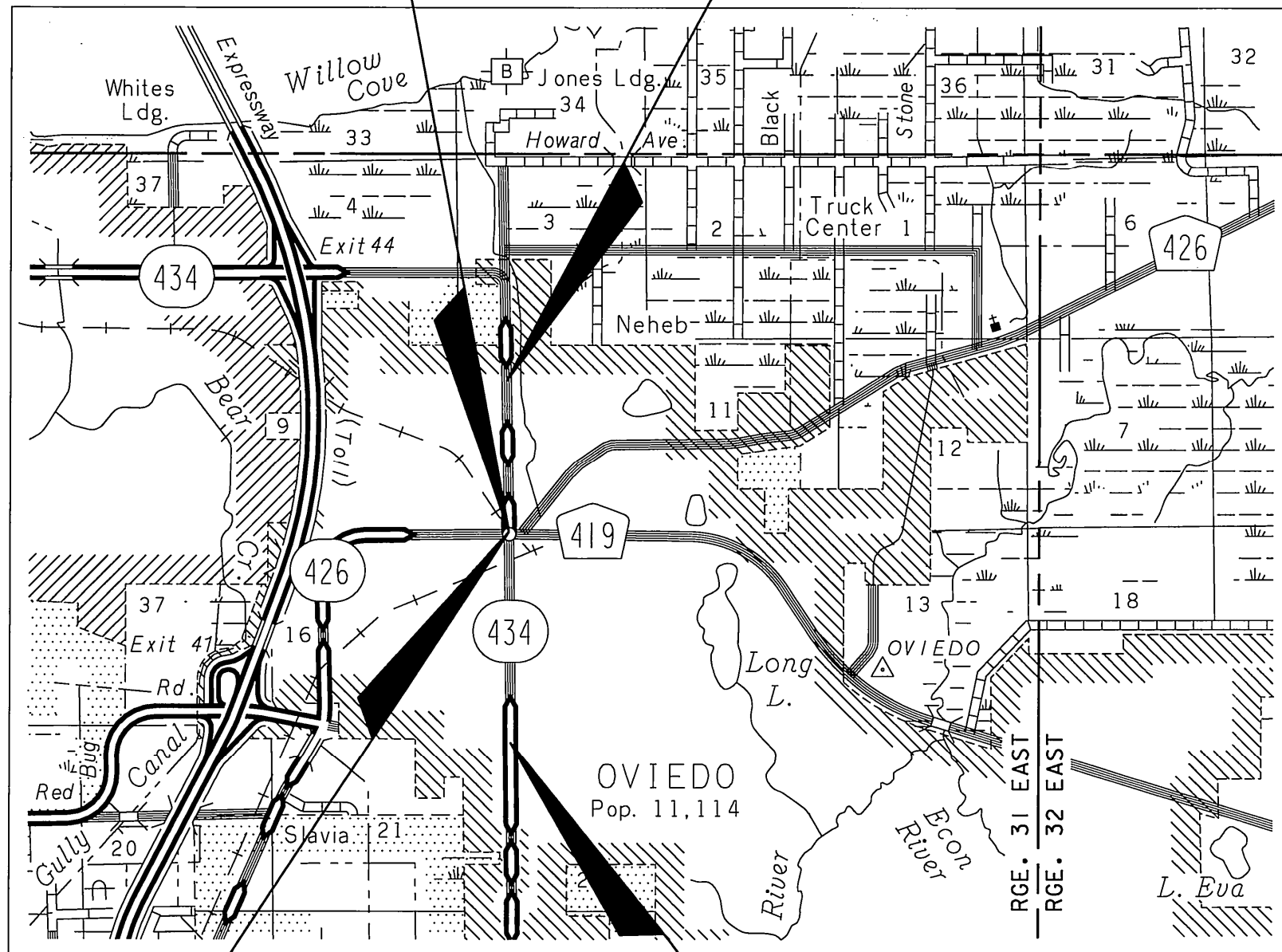
SECTION NO. 77070 & 77170
F.P. NO. 415030-2
S.R. NO. 434

SEMINOLE COUNTY
LOCATED IN SECTIONS 10 & 15
TOWNSHIP 21 SOUTH, RANGE 31 EAST



END R/W PROJECT
S.R.434
P.O.T.STA.855+12.77

BEGIN R/W PROJECT
S.R.434
P.O.T.STA.841+93.41



END R/W PROJECT
S.R.434
P.O.T.STA.221+24.93

BEGIN R/W PROJECT
S.R.434
P.O.T.STA.212+00.00

THIS MAP IS NOT A SURVEY

INDEX

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	KEY MAP
3-9	DETAIL SHEETS
10-11	REFERENCE POINT SHEETS
12	TABLE OF OWNERSHIPS

TOPO LEGEND

BLDG	BUILDING	SWLK	SIDEWALK
BW/BWF	BARB WIRE FENCE	WFRM	WOOD FRAME
CBS	CONCRETE BLOCK STRUCTURE	W.I.F.	WROUGHT IRON FENCE
CCBN	CONCRETE CATCH BASIN	WS	WOOD SHED
CG	CURB & GUTTER	◇	UTILITY POLE
COMM	COMMERCIAL	→	GUY ANCHOR
CONCW	CONCRETE/BLOCK WALL	▭	SERVICE CABINET
CLF	CHAIN LINK FENCE	○	SIGN
CMP	CORRUGATED METAL PIPE	○-○	LIGHT POLE STANDARD
DWYA	DRIVEWAY ASPHALT	⊗	STANDPIPE AND FAUCET
DWYC	DRIVEWAY CONCRETE	○	FLOOD LIGHT
DWYD	DRIVEWAY DIRT	⊙	SPRINKLER HEAD
DWYG	DRIVEWAY GRAVEL	⊙	MAILBOX
E/P	EDGE OF ASPHALT/PAVEMENT	⊙	ELECTRIC PEDESTAL
H/R	HANDRAIL	⊙	POST
HWF	HOGWIRE FENCE	⊙	PILING
MES	MITERED END SECTION	⊙	
MONW	MONITORING WELL	⊙	
MSS	MULTIPLE SUPPORT SIGN	⊙	
PVC	POLYVINYL CHLORIDE	⊙	
RPC	REINFORCED CONCRETE PIPE	⊙	
RES.	RESIDENTIAL	⊙	
SEW	STRAIGHT END WALL	⊙	
SPL	SPILLWAY	⊙	
SWF	STOCK WIRE FENCE	⊙	
	TELEPHONE PEDESTAL	⊙	
	TELEPHONE BOOTH	⊙	
	FLAG POLE	⊙	

S.R. 434 FROM SMITH STREET TO FRANKLIN STREET

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
SURVEYING AND MAPPING

APPROVED BY
Deborah Mott
FOR DISTRICT SECRETARY

REVISION	BY	DATE	REVISION	BY	DATE

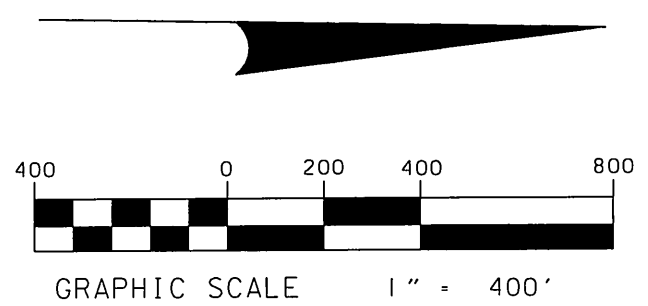
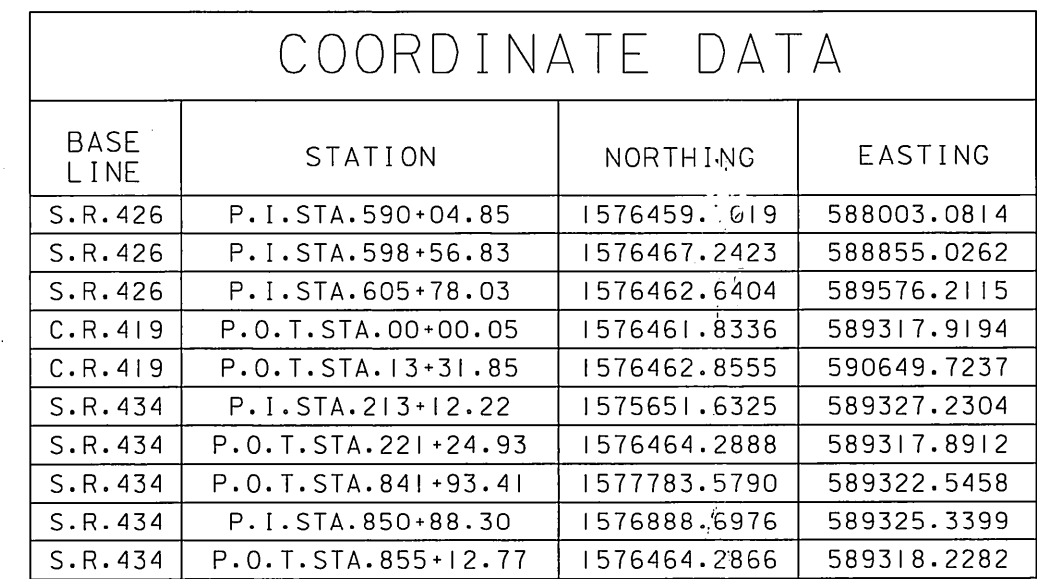
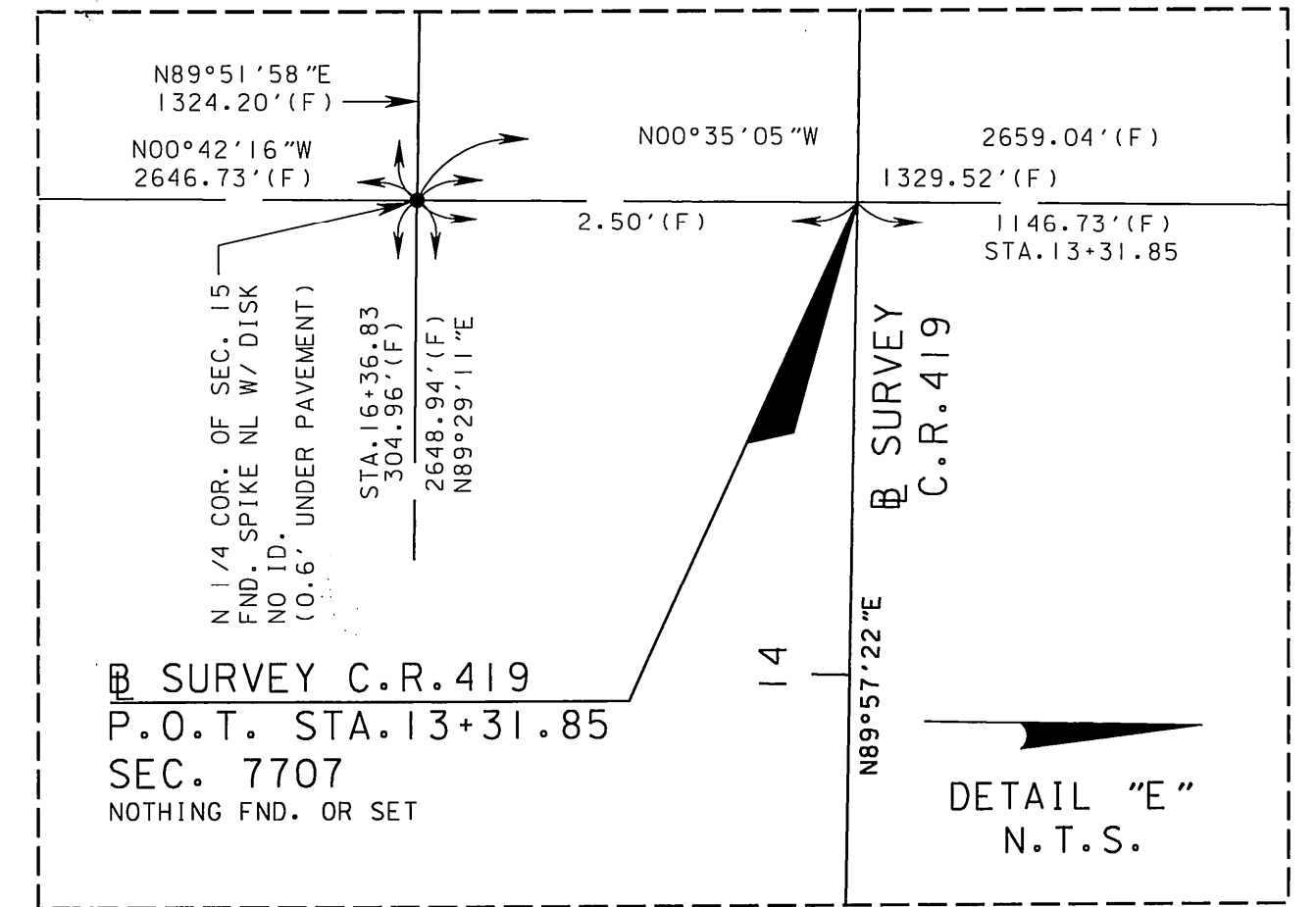
BY	DATE
PRELIM J. MUNRO	02/25/2009
FINAL J. MUNRO	03/27/2012
CHECKED S. WARE	03/28/2012

F.A.P. NO. TCSP 035 U
STATE ROAD NO. 434

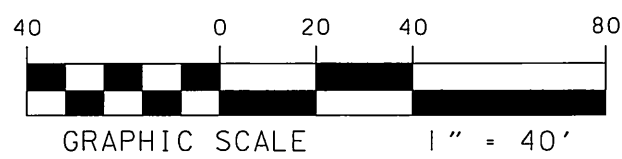
SECTION 77070 & 77170
SEMINOLE COUNTY

MAPS PREPARED BY:
Bowyer-Singleton & Associates, Inc.
F.P. NO. 415030-2

FIELD BOOK NO.'S:
SEE GENERAL NOTE 1
SCALE: N.T.S.
SHEET 1 OF 12

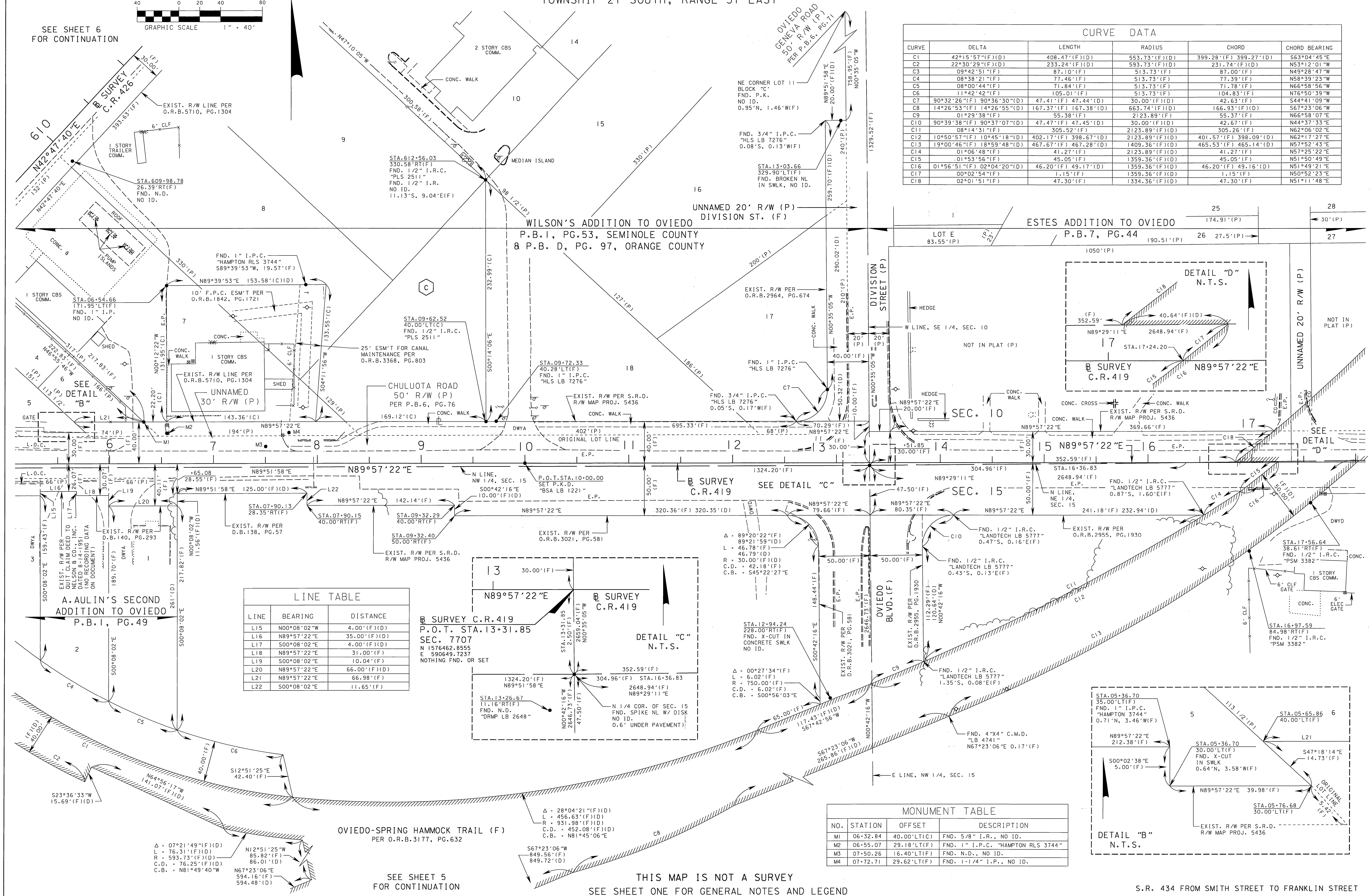


RIGHT OF WAY MAP	FLORIDA DEPARTMENT OF TRANSPORTATION SURVEYING AND MAPPING	APPROVED BY	DATE							BY	DATE	F.A.P. NO. TCSP 035 U	SECTION 77070 & 77170	MAPS PREPARED BY:	FIELD BOOK NO.'S:
			4/02/2012							PRELIM	J. MUNRO	02/25/2009		Bowyer-Singleton & Associates, Inc.	SEE SHEET 1, GENERAL NOTE 1
		REV. DETL. C & D: ADDED LABELS	G. SMITH	4/10/13					FINAL	J. MUNRO	03/27/2012	STATE ROAD NO. 434	SEMINOLE COUNTY	F.P. NO. 415030-2	SHEET 2 OF 12
		FOR DISTRICT SECRETARY							CHECKED	S. WARE	03/28/2012				
		REVISION	BY	DATE											

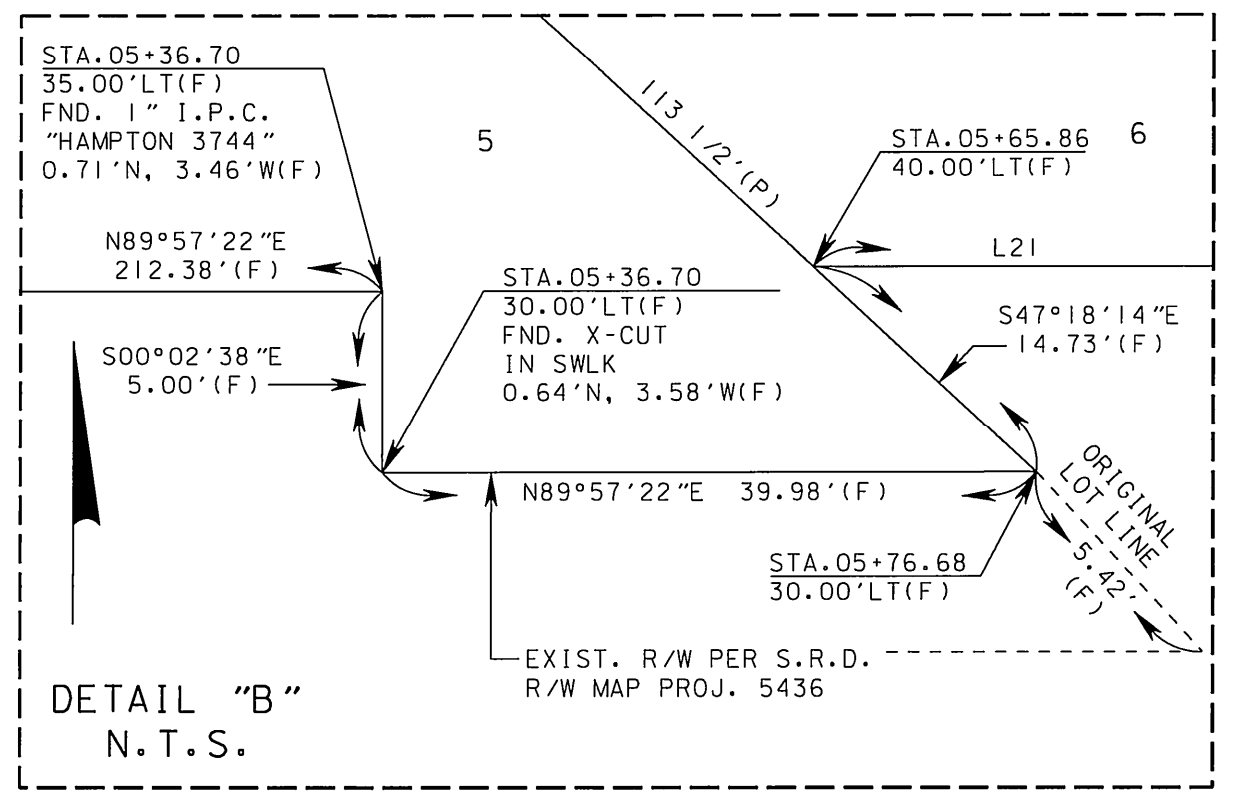
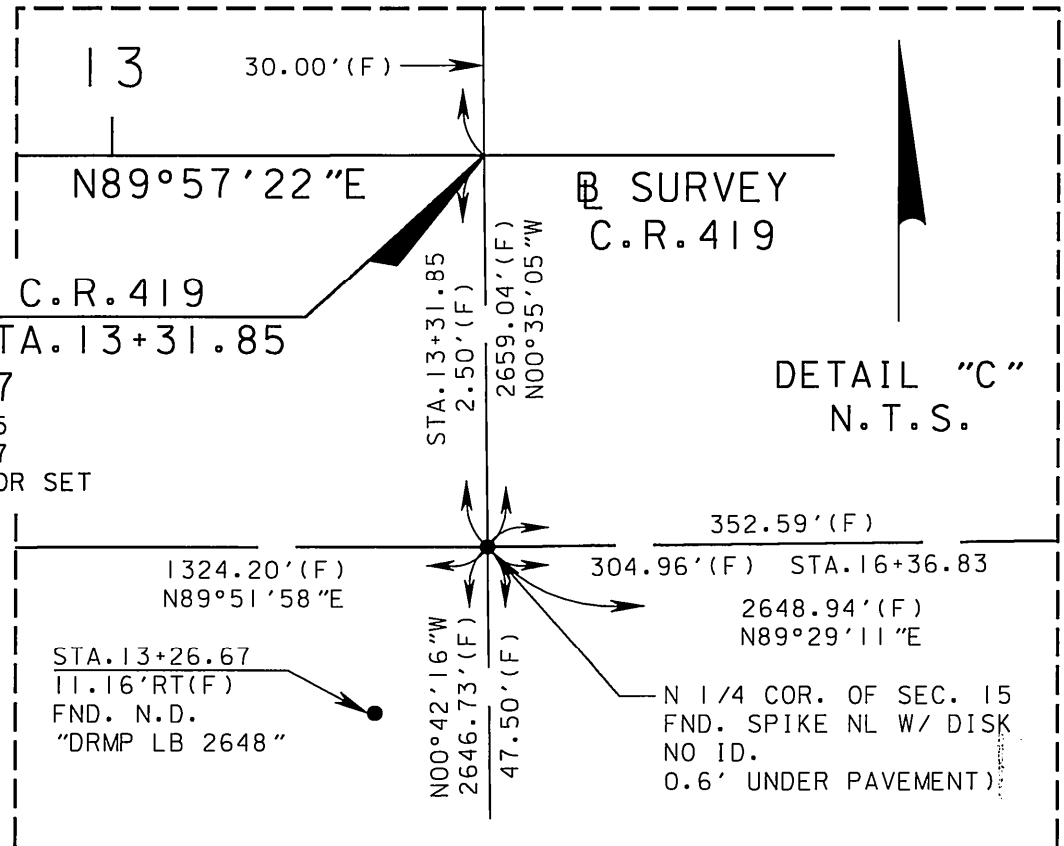


SEE SHEET 6
FOR CONTINUATION

CURVE	DELTA	LENGTH	RADIUS	CHORD	CHORD BEARING
C1	42°15'57\"(F)(D)	408.47\"(F)(D)	553.73\"(F)(D)	399.28\"(F) 399.27\"(D)	S63°04'45\"E
C2	22°30'29\"(F)(D)	233.24\"(F)(D)	593.73\"(F)(D)	231.74\"(F)(D)	N53°12'01\"W
C3	09°42'51\"(F)	87.10\"(F)	513.73\"(F)	87.00\"(F)	N49°28'47\"W
C4	08°38'21\"(F)	77.46\"(F)	513.73\"(F)	77.39\"(F)	N58°39'23\"W
C5	08°00'44\"(F)	71.84\"(F)	513.73\"(F)	71.78\"(F)	N66°58'56\"W
C6	11°42'42\"(F)	105.01\"(F)	513.73\"(F)	104.83\"(F)	N76°50'39\"W
C7	90°32'26\"(F) 90°36'30\"(D)	47.41\"(F) 47.44\"(D)	30.00\"(F)(D)	42.63\"(F)	S44°41'09\"W
C8	14°26'53\"(F) 14°26'55\"(D)	167.37\"(F) 167.38\"(D)	663.74\"(F)(D)	166.93\"(F)(D)	S67°23'06\"W
C9	01°29'38\"(F)	55.38\"(F)	2123.89\"(F)	55.37\"(F)	N66°58'07\"E
C10	90°39'38\"(F) 90°37'07\"(D)	47.47\"(F) 47.45\"(D)	30.00\"(F)(D)	42.67\"(F)	N44°37'33\"E
C11	08°14'31\"(F)	305.52\"(F)	2123.89\"(F)(D)	305.26\"(F)	N62°06'02\"E
C12	10°50'57\"(F) 10°45'18\"(D)	402.17\"(F) 398.67\"(D)	2123.89\"(F)(D)	401.57\"(F) 398.09\"(D)	N62°17'27\"E
C13	19°00'46\"(F) 18°59'48\"(D)	467.67\"(F) 467.28\"(D)	1409.36\"(F)(D)	465.53\"(F) 465.14\"(D)	N57°52'43\"E
C14	01°06'48\"(F)	41.27\"(F)	2123.89\"(F)(D)	41.27\"(F)	N57°25'22\"E
C15	01°53'56\"(F)	45.05\"(F)	1359.36\"(F)(D)	45.05\"(F)	N51°50'49\"E
C16	01°56'51\"(F) 02°04'20\"(D)	46.20\"(F) 49.17\"(D)	1359.36\"(F)(D)	46.20\"(F) 49.16\"(D)	N51°49'21\"E
C17	00°02'54\"(F)	1.15\"(F)	1359.36\"(F)(D)	1.15\"(F)	N50°52'23\"E
C18	02°01'51\"(F)	47.30\"(F)	1334.36\"(F)(D)	47.30\"(F)	N51°11'48\"E



LINE	BEARING	DISTANCE
L15	N00°08'02\"W	4.00\"(F)(D)
L16	N89°57'22\"E	35.00\"(F)(D)
L17	S00°08'02\"E	4.00\"(F)(D)
L18	N89°57'22\"E	31.00\"(F)
L19	S00°08'02\"E	10.04\"(F)
L20	N89°57'22\"E	66.00\"(F)(D)
L21	N89°57'22\"E	66.98\"(F)
L22	S00°08'02\"E	11.65\"(F)



NO.	STATION	OFFSET	DESCRIPTION
M1	06+32.84	40.00\"LT(C)	FND. 5\" I.R., NO ID.
M2	06+55.07	29.18\"LT(F)	FND. 1\" I.P.C., \"HAMPTON RLS 3744\"
M3	07+50.26	16.40\"LT(F)	FND. N.D., NO ID.
M4	07+72.71	29.62\"LT(F)	FND. 1-1/4\" I.P., NO ID.

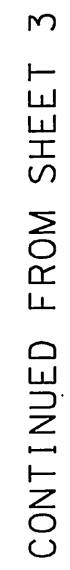
SEE SHEET 5
FOR CONTINUATION

THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR GENERAL NOTES AND LEGEND

S.R. 434 FROM SMITH STREET TO FRANKLIN STREET

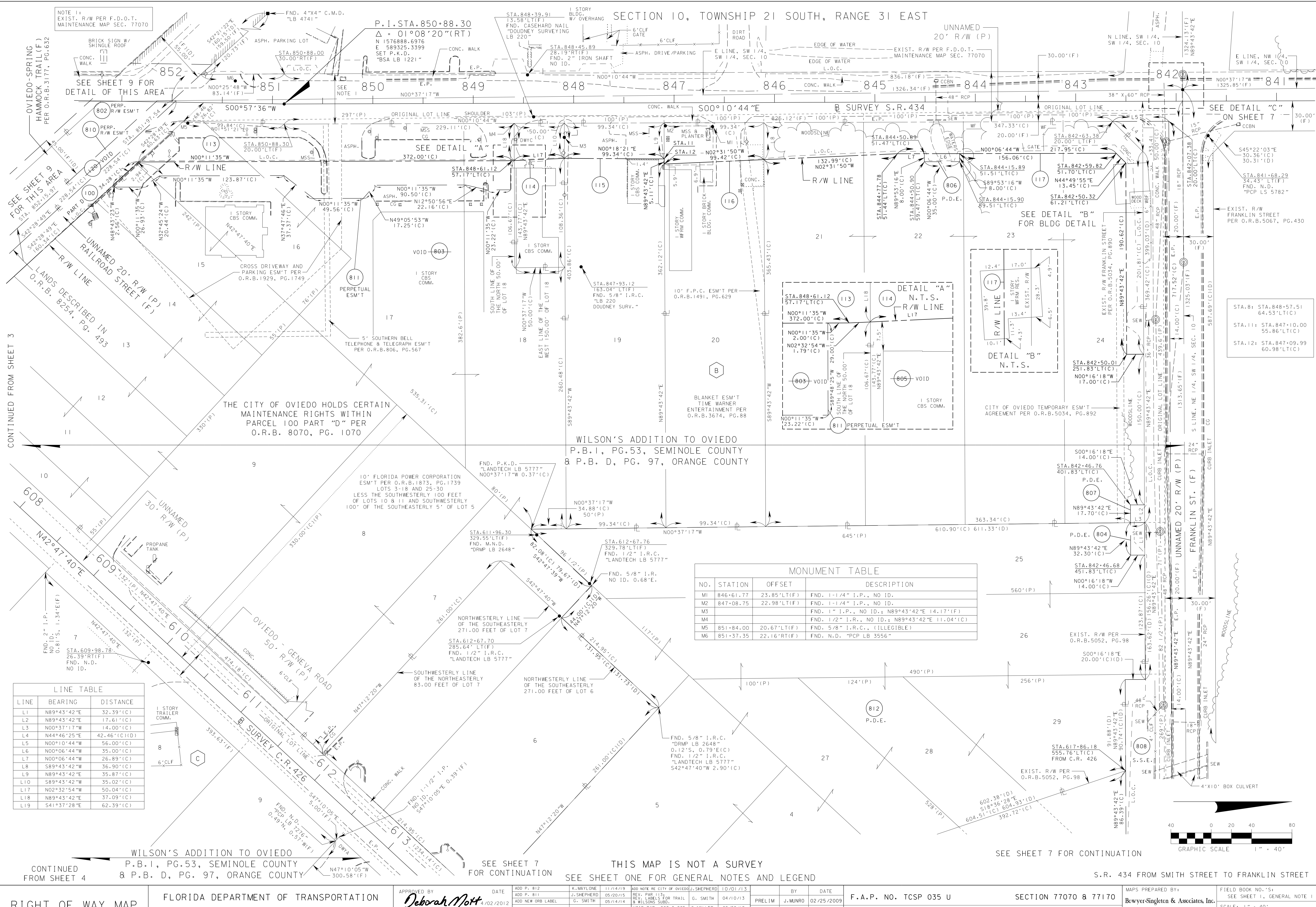
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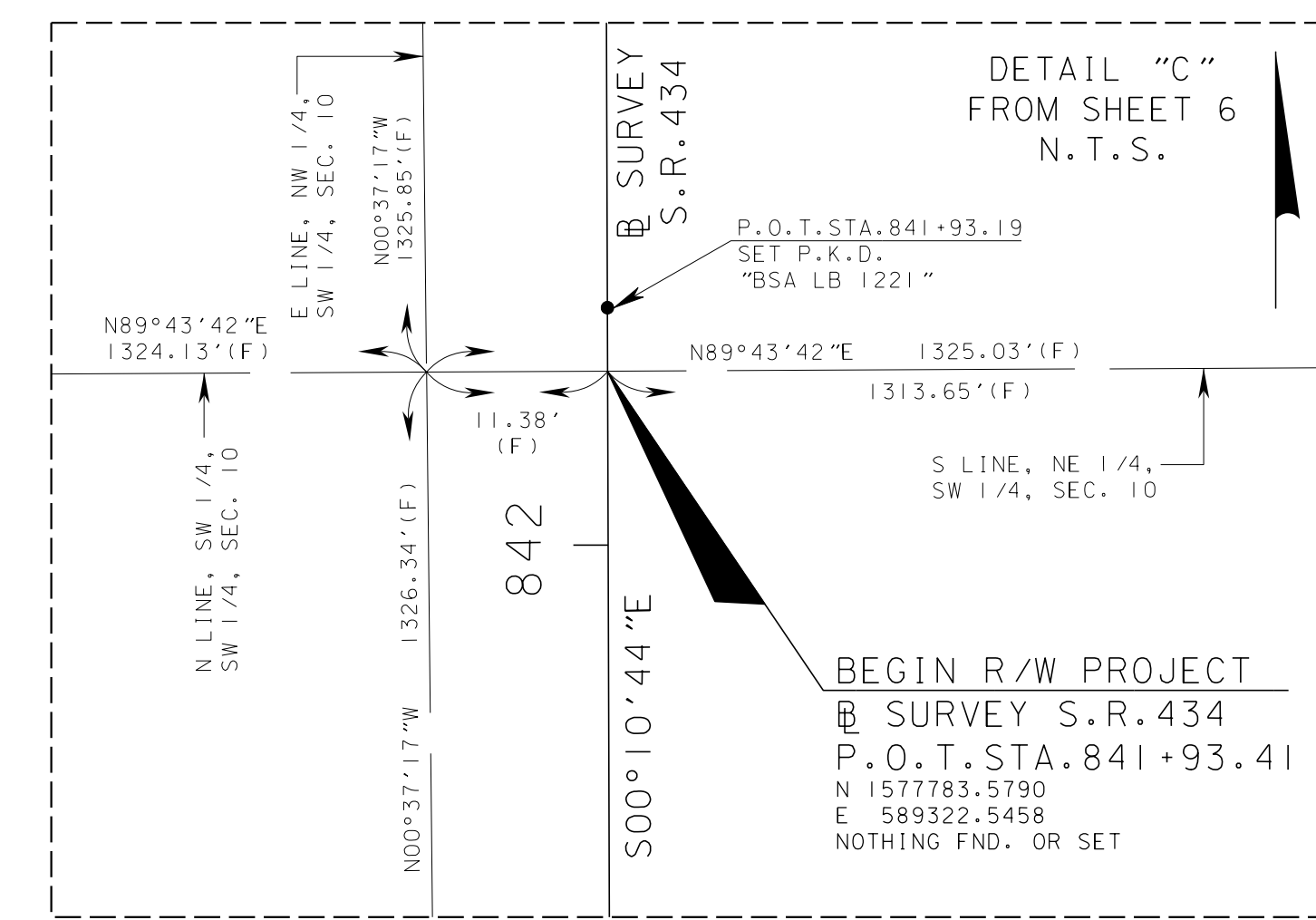
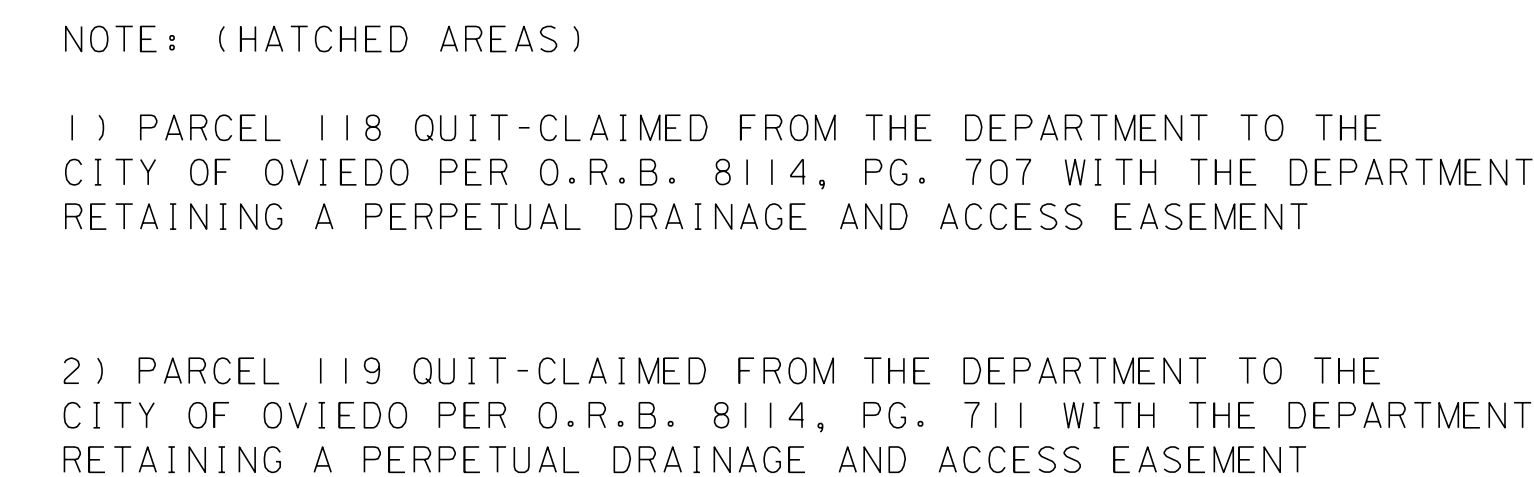
GRAPHIC SCALE 1" = 40'



S.R. 434 FROM SMITH STREET TO FRANKLIN STREET

RIGHT OF WAY MAP	FLORIDA DEPARTMENT OF TRANSPORTATION SURVEYING AND MAPPING	APPROVED BY	DATE							BY	DATE	F.A.P. NO. TCSP 035 U	SECTION 77070 & 77170	MAPS PREPARED BY:	FIELD BOOK NO.'S:	
		<i>Deborah Mott</i>	4/02/2012												Bowyer-Singleton & Associates, Inc.	SEE SHEET 1, GENERAL NOTE 1
				REV. TRAIL LABEL	G. SMITH	04/10/13				PRELIM	J. MUNRO			02/25/2009		
				DELETE PAR. 106	M. LEONDEZ	04/17/12				FINAL	J. MUNRO			03/27/2012		
		REVISION	BY	DATE	REVISION	BY	DATE			CHECKED	S. WARE			03/28/2012	STATE ROAD NO. 434	SEMINOLE COUNTY

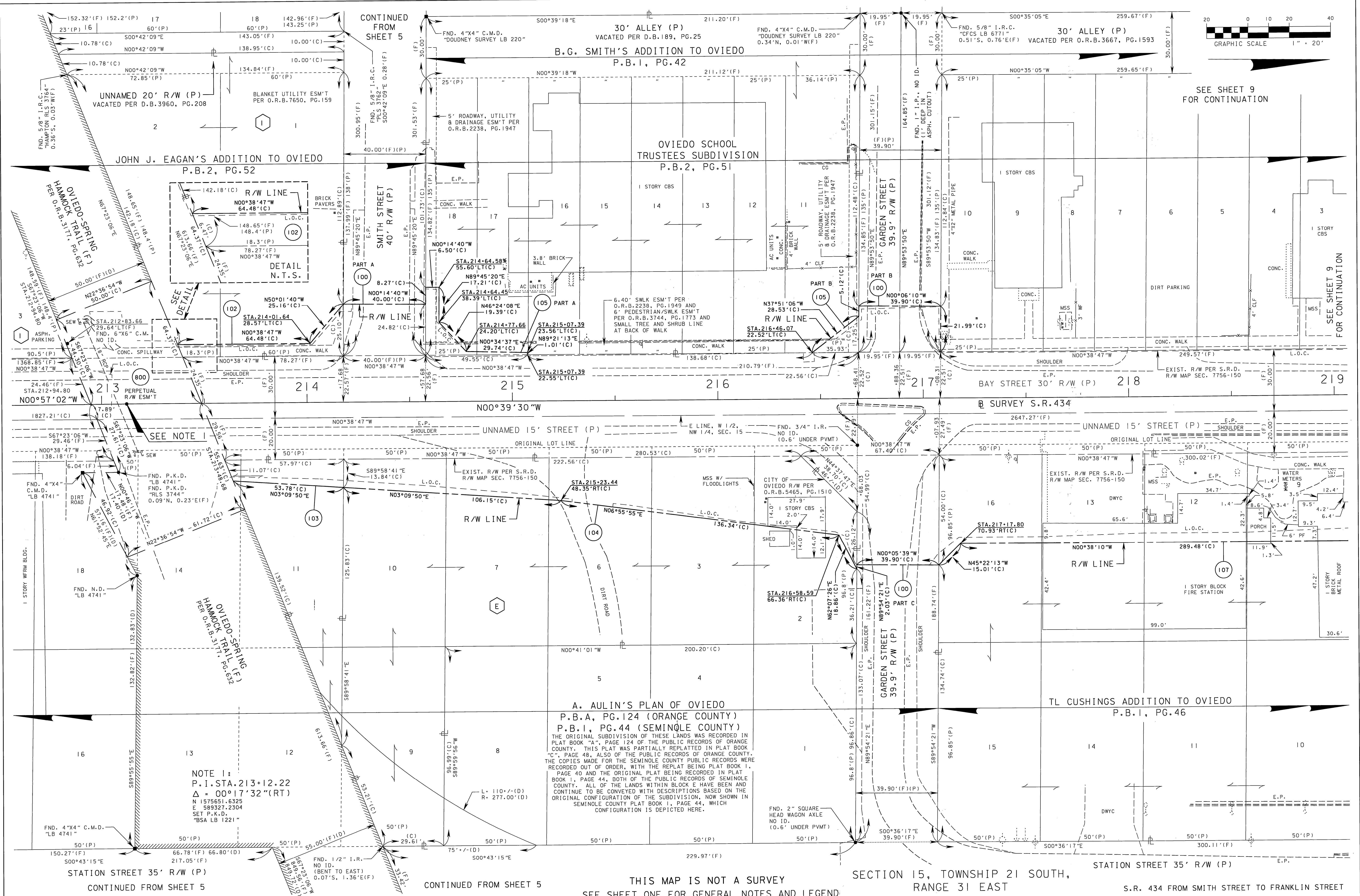


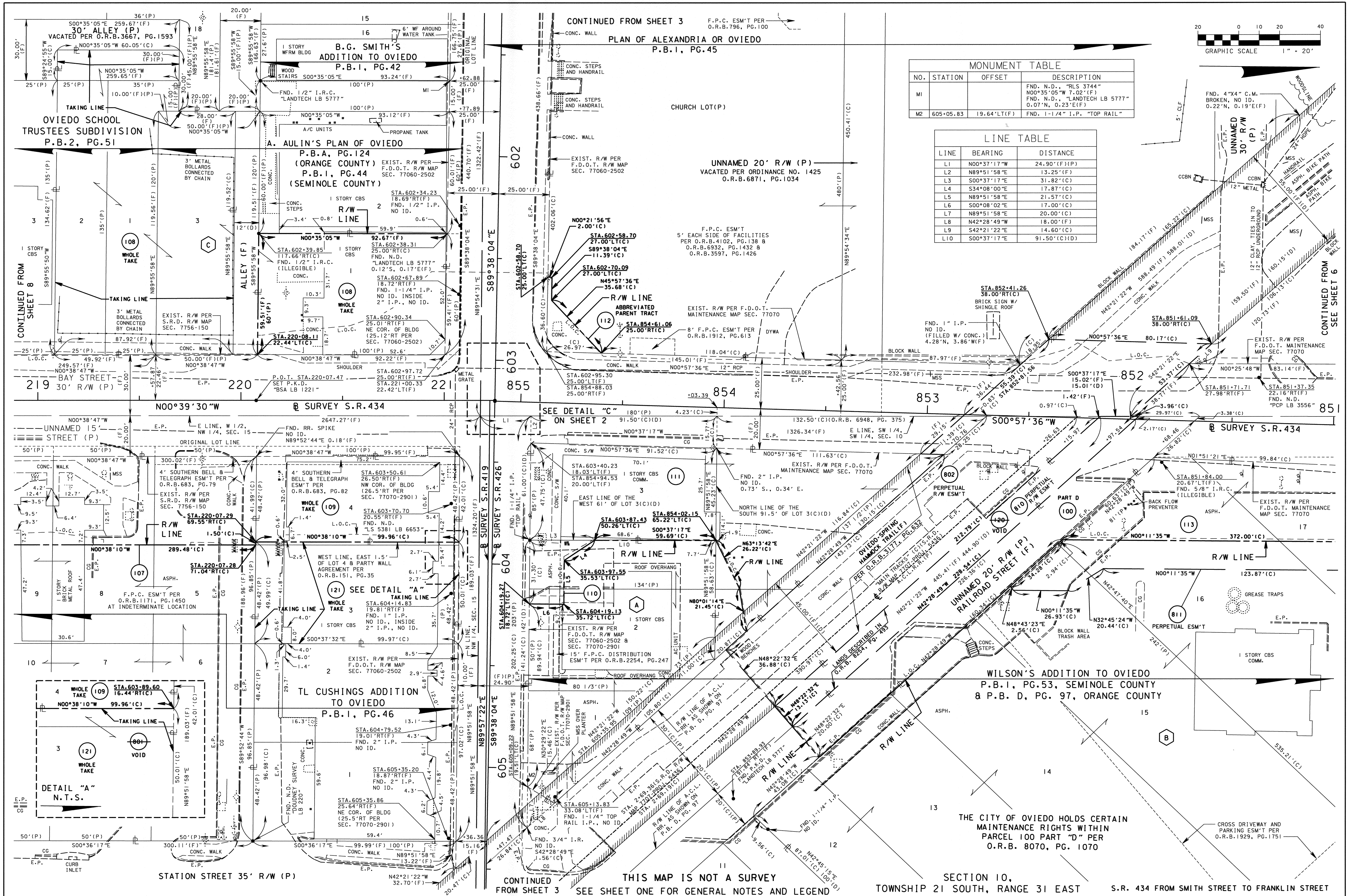


THIS MAP IS NOT A SURVEY
SEE SHEET ONE FOR GENERAL NOTES AND LEGEND

S.R. 434 FROM SMITH STREET TO FRANKLIN STREET

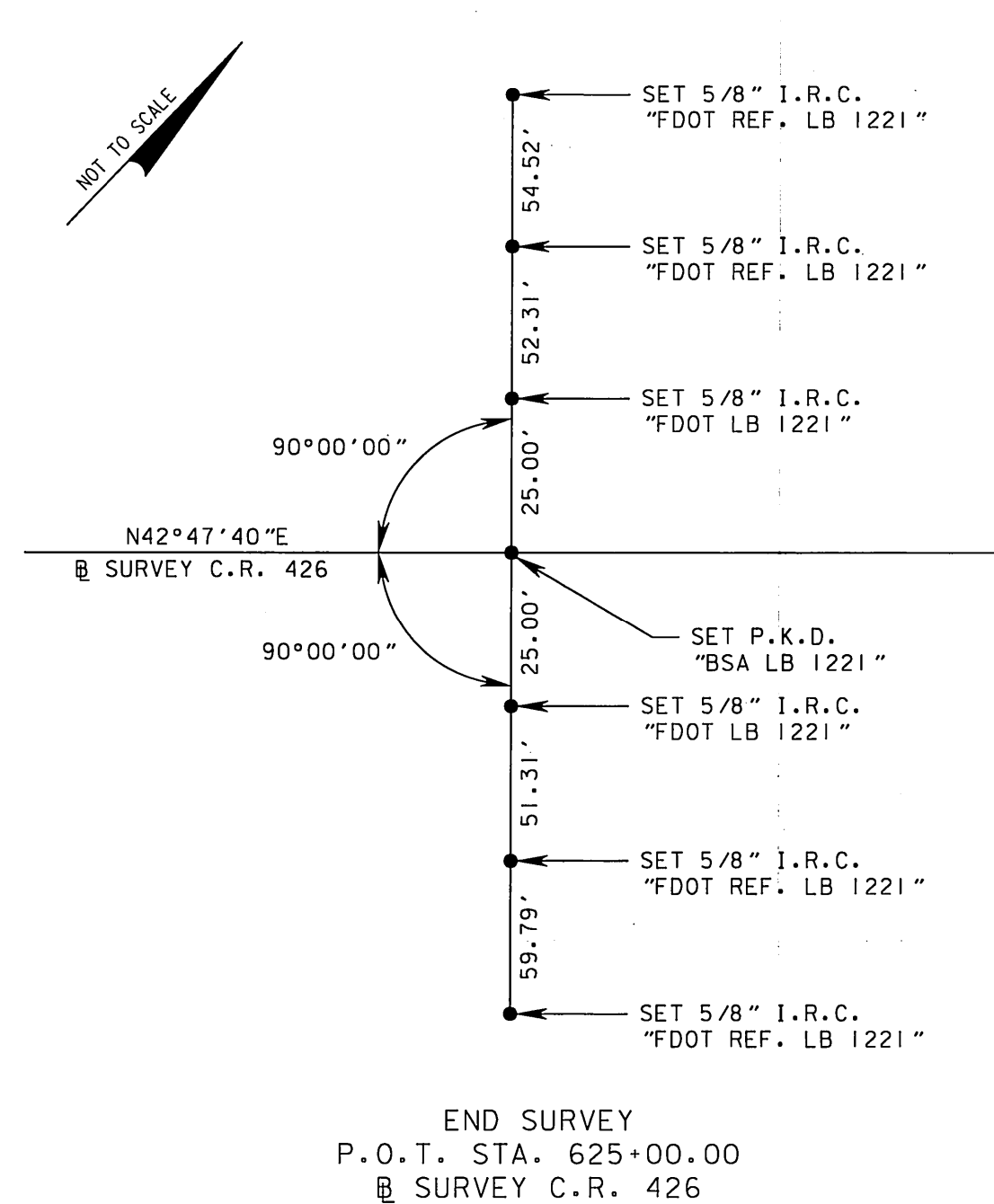
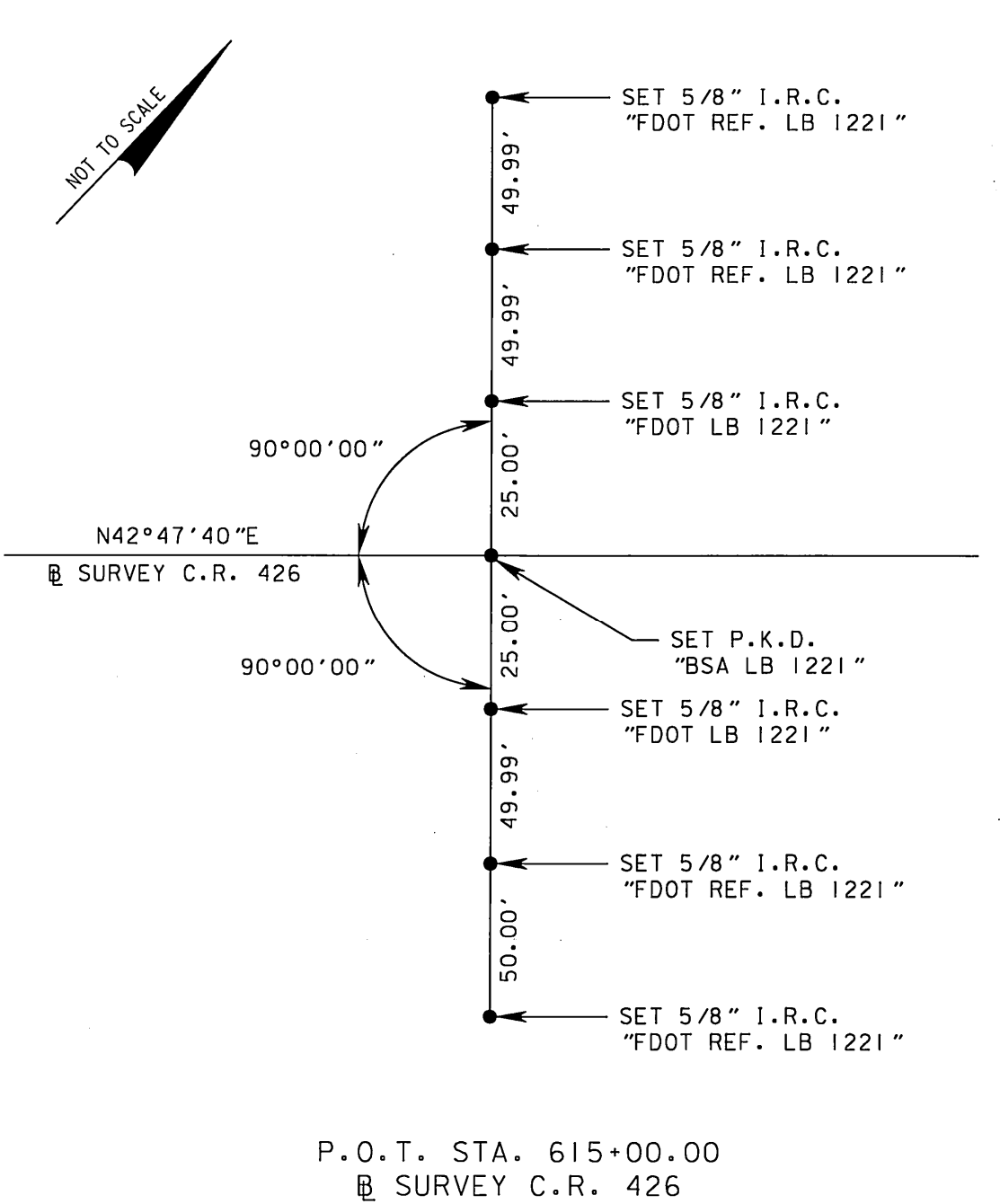
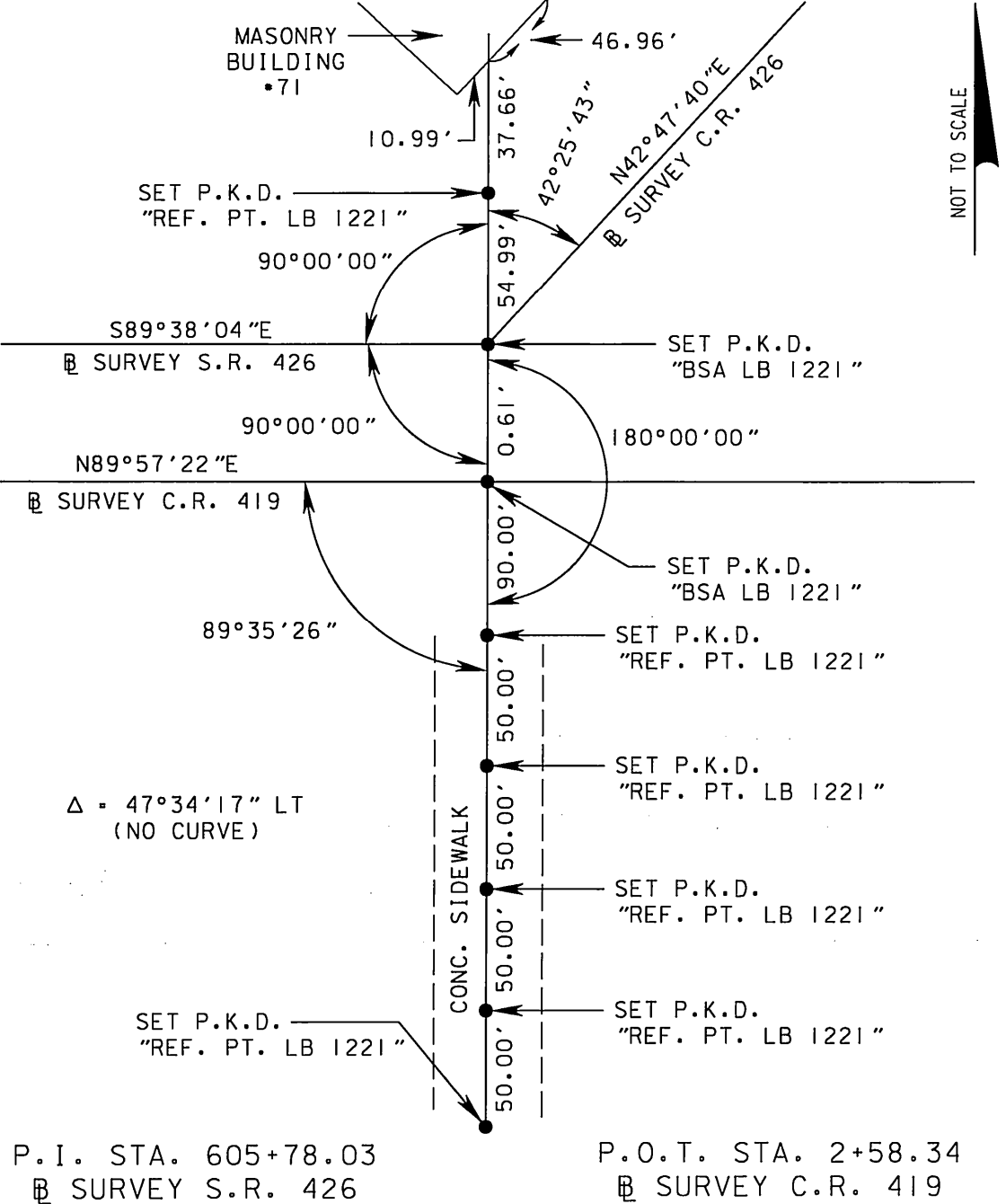
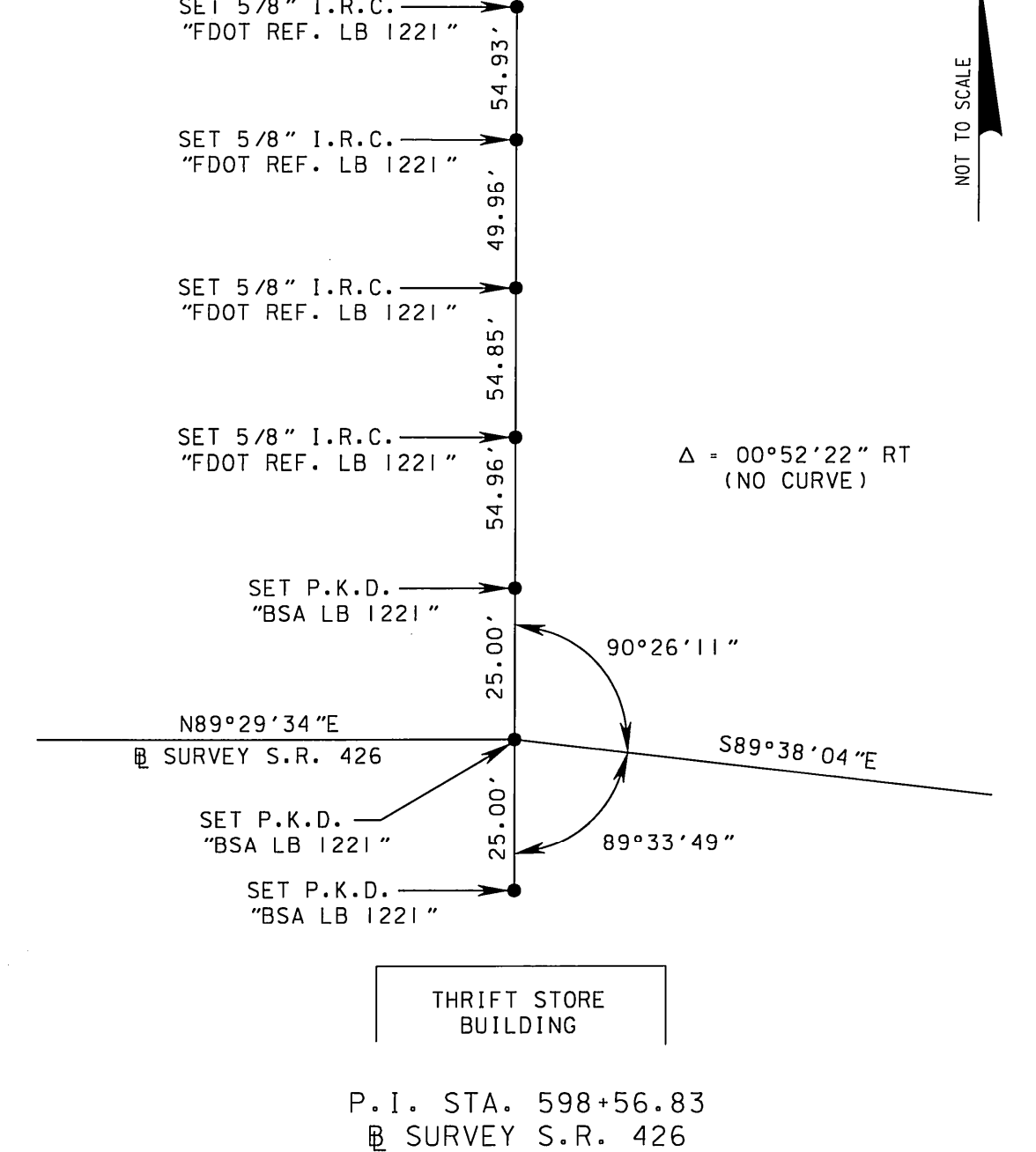
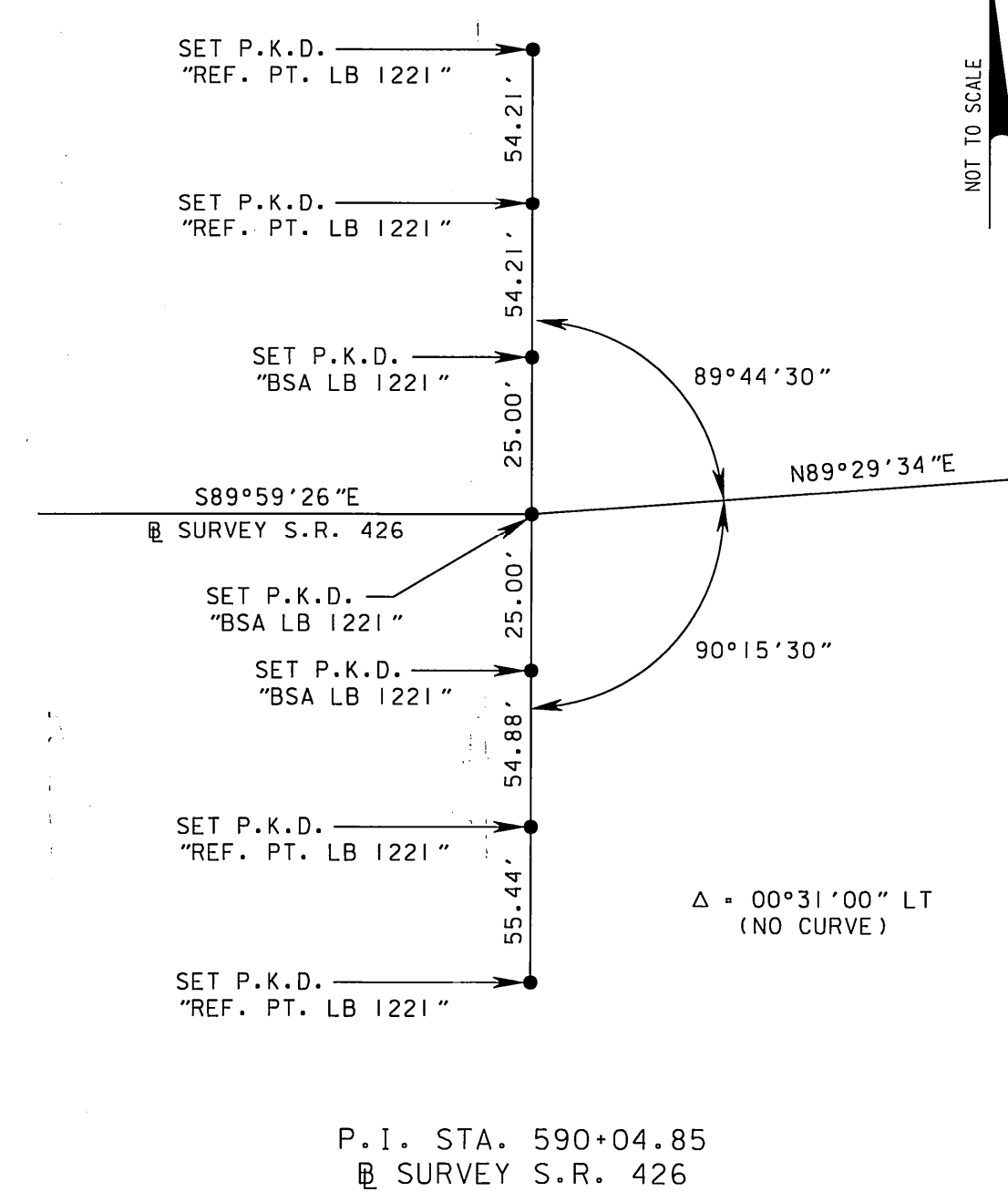
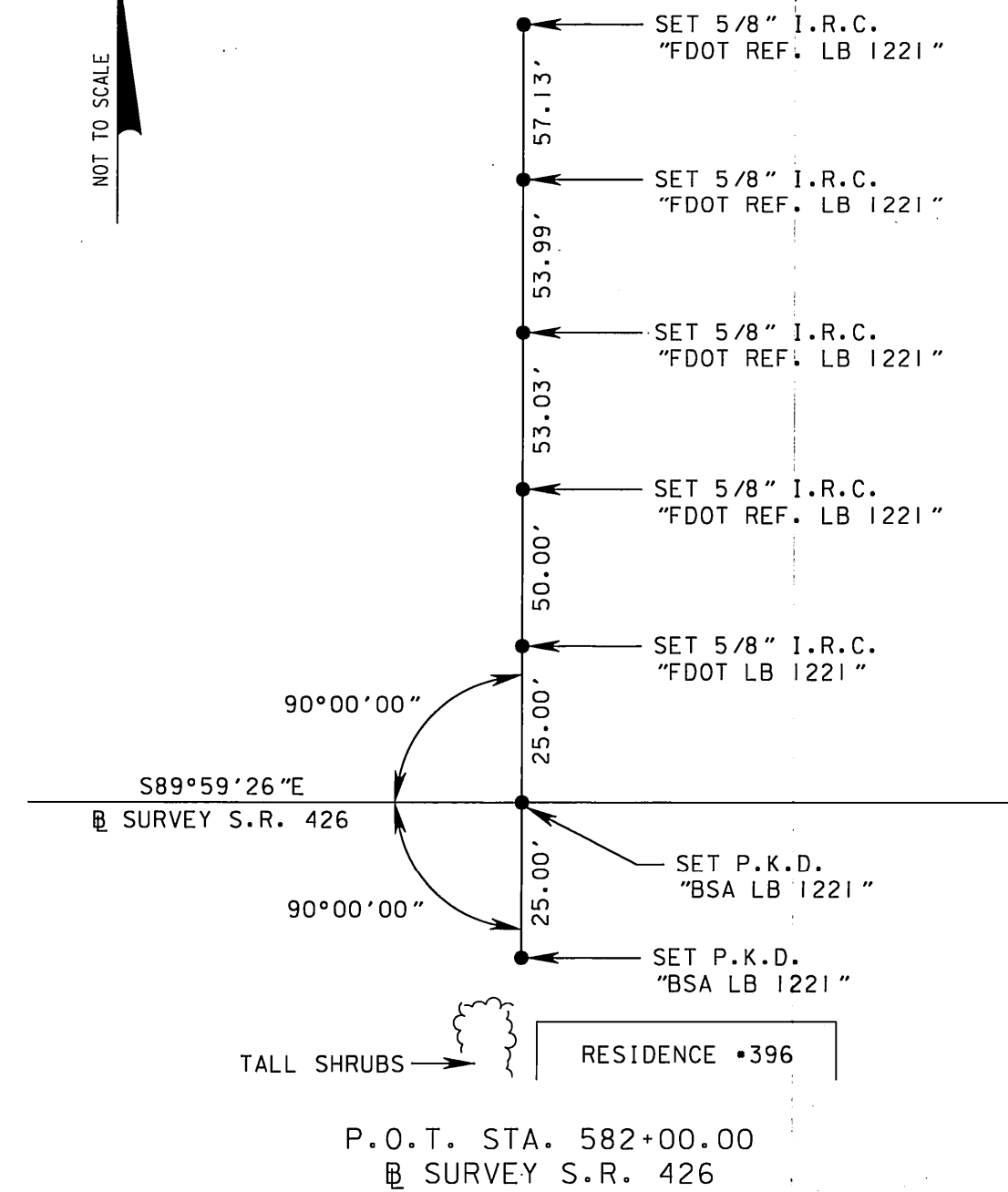
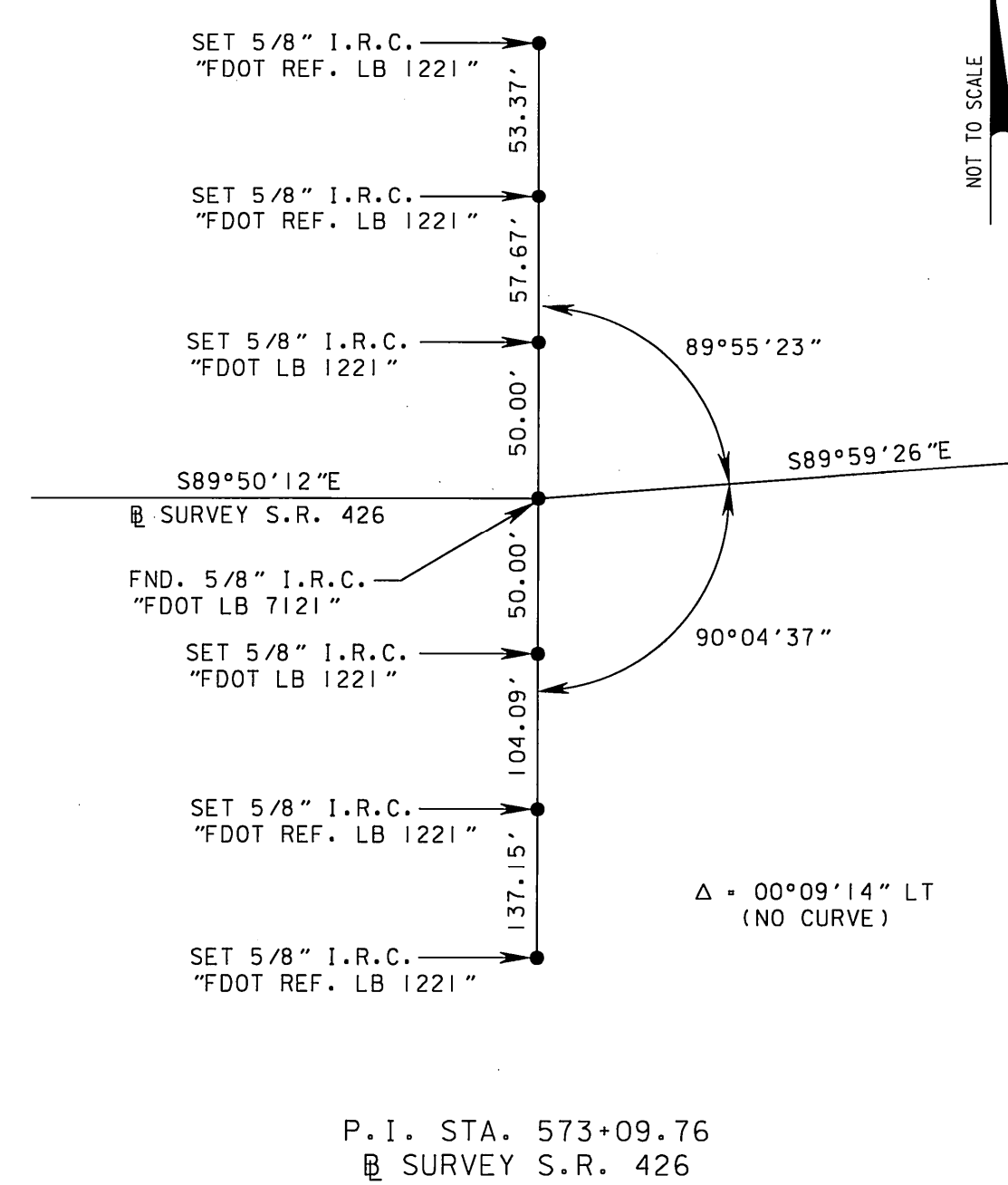
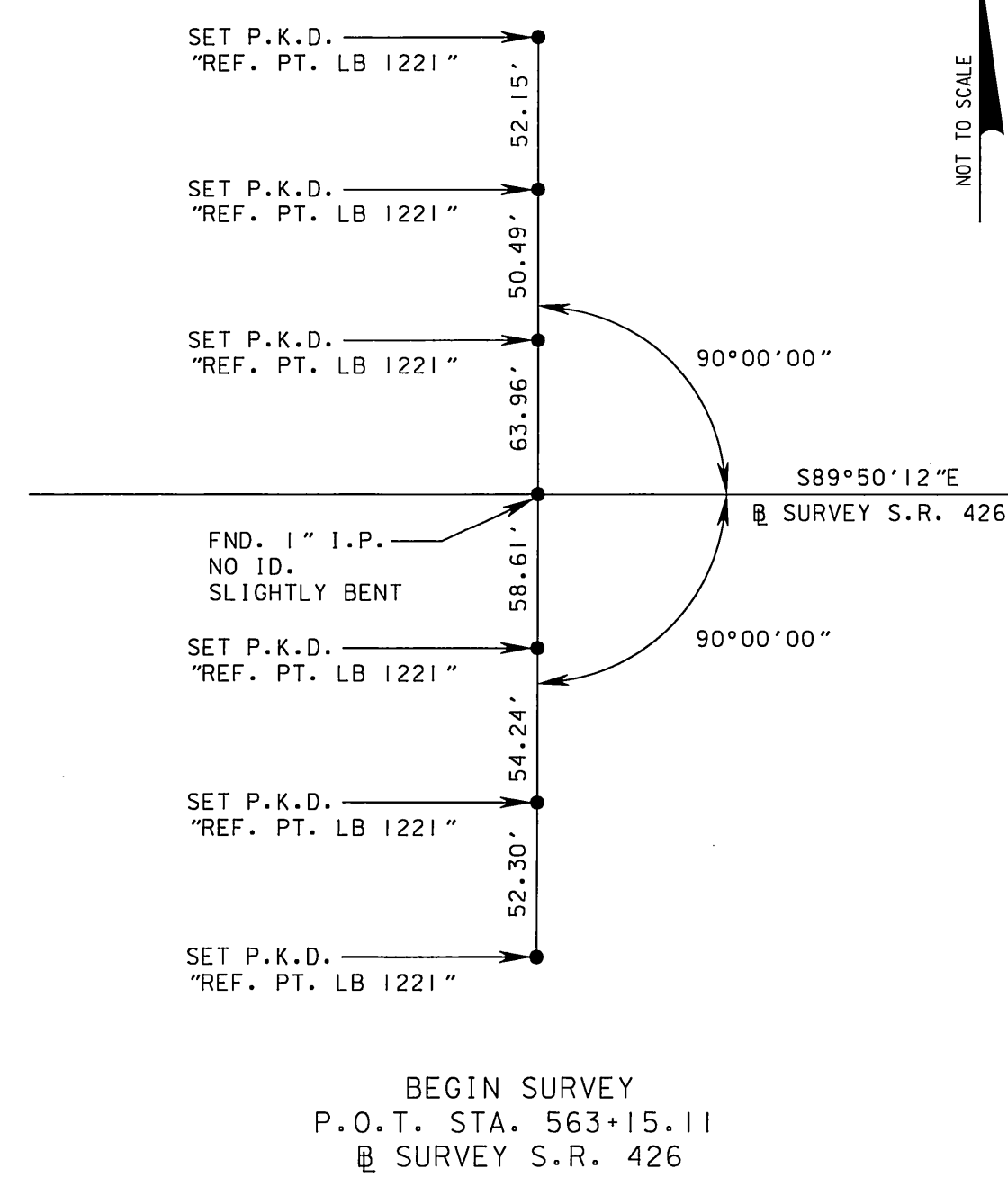
RIGHT OF WAY MAP	FLORIDA DEPARTMENT OF TRANSPORTATION SURVEYING AND MAPPING	APPROVED BY	DATE							BY	DATE	F.A.P. NO. TCSP 035 U	SECTION 77070 & 77170	MAPS PREPARED BY:	FIELD BOOK NO.'S:	
		<i>Deborah Mott</i>	4/02/2012							PRELIM	J. MUNRO			02/25/2009	Bowyer-Singleton & Associates, Inc.	SEE SHEET 1
		FOR DISTRICT SECRETARY														SCALE: 1" = 40'
		ADD NOTES RE CITY OF OVIDO & HATCH PAR 119	J. SHEPHERD	10/01/13						FINAL	J. MUNRO	03/27/2012	STATE ROAD NO. 434	SEMINOLE COUNTY	F.P. NO. 415030-2	SHEET 7 OF 12
		ADD P-812	K. MAYLONE	11/14/19												
		REVISION	BY	DATE	REVISION	BY	DATE	CHECKED	S. WARE	03/28/2012						



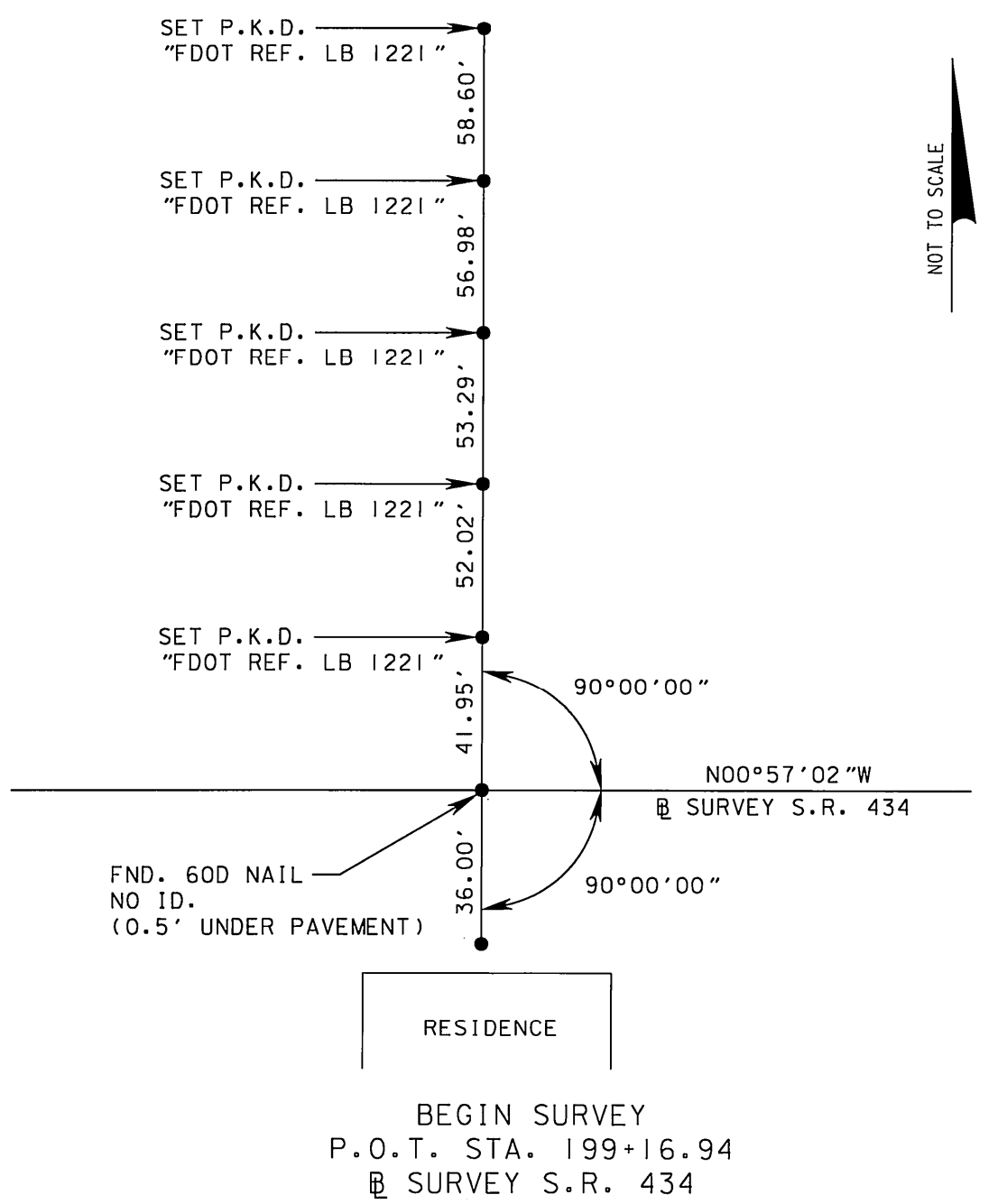
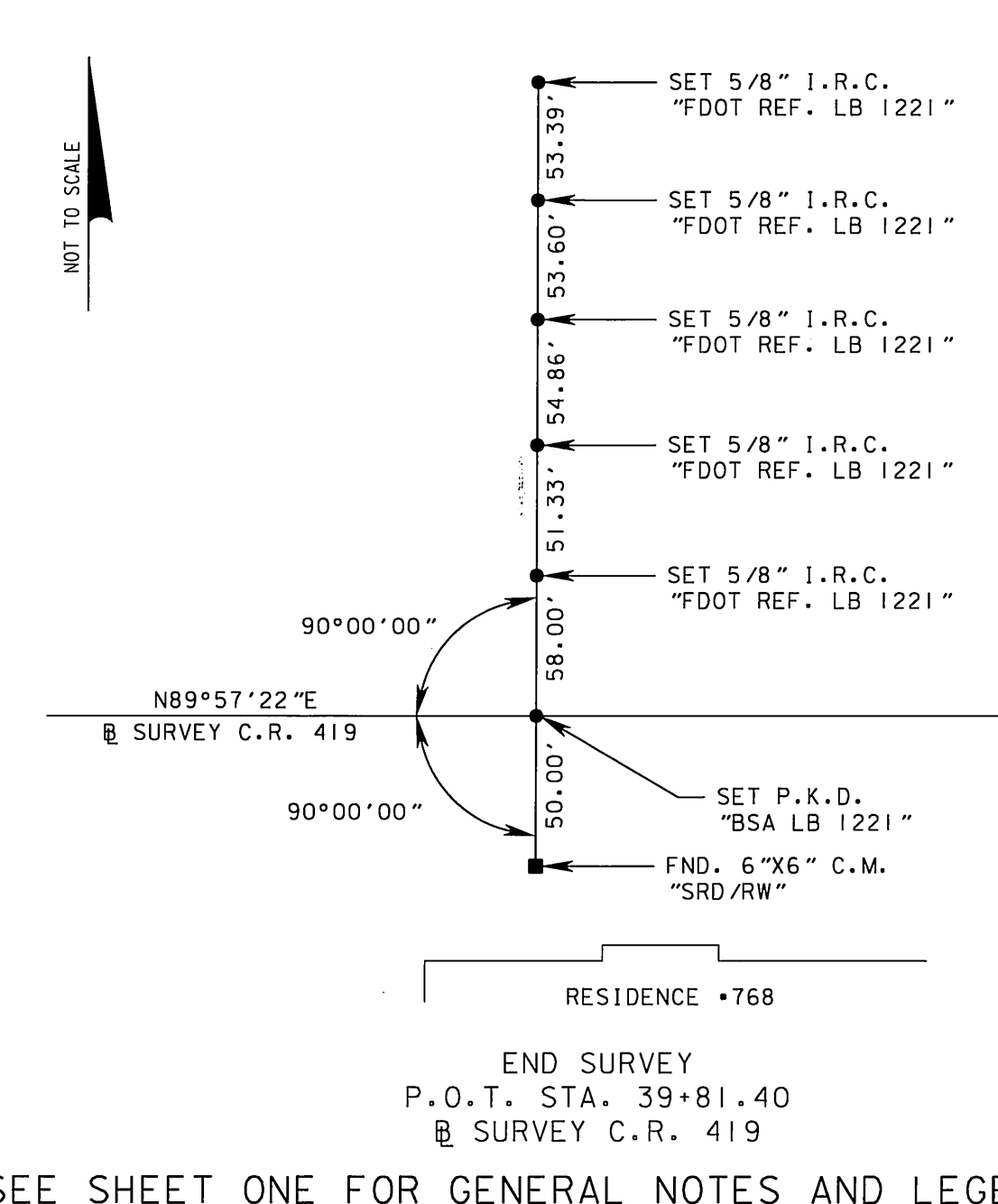
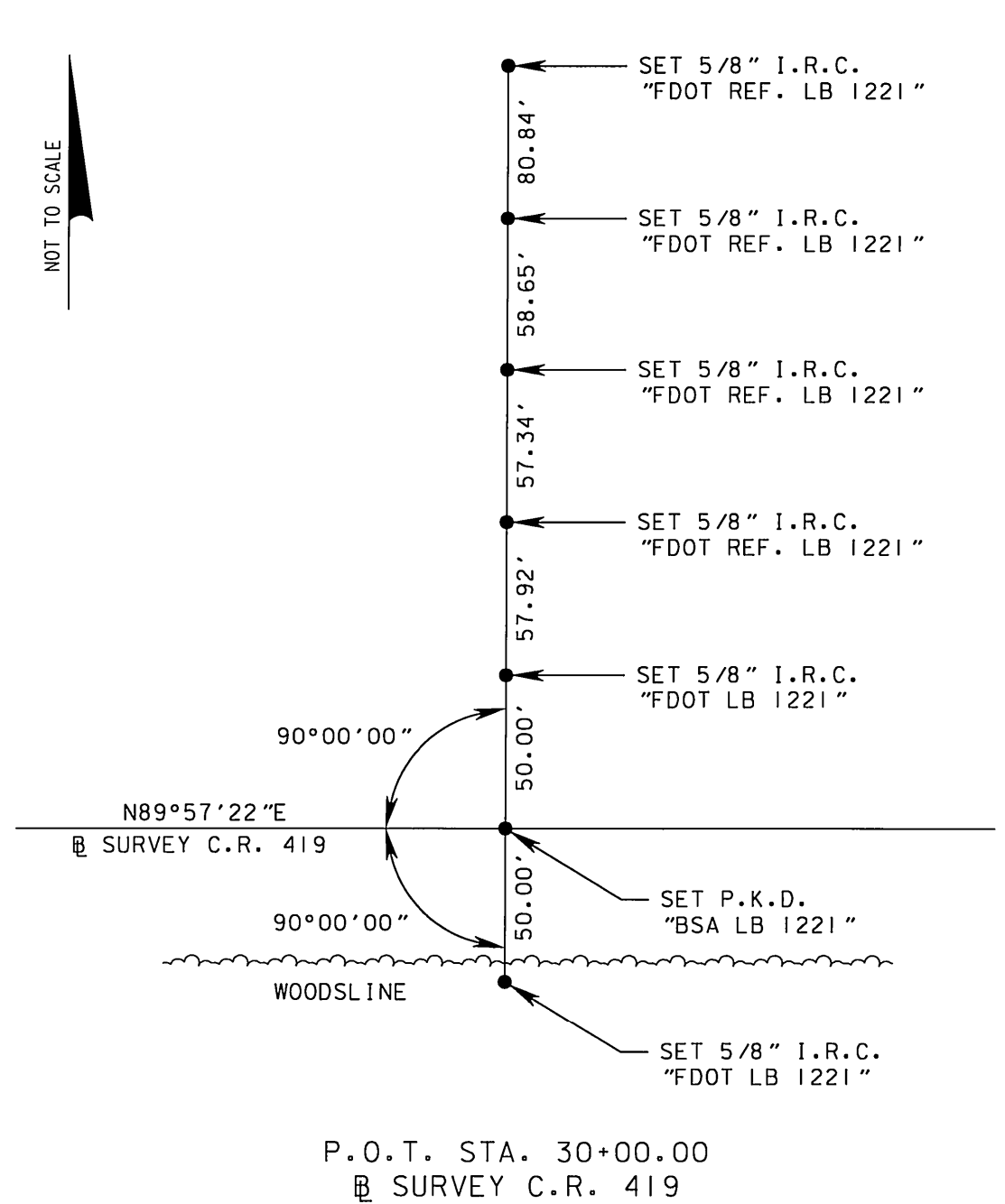
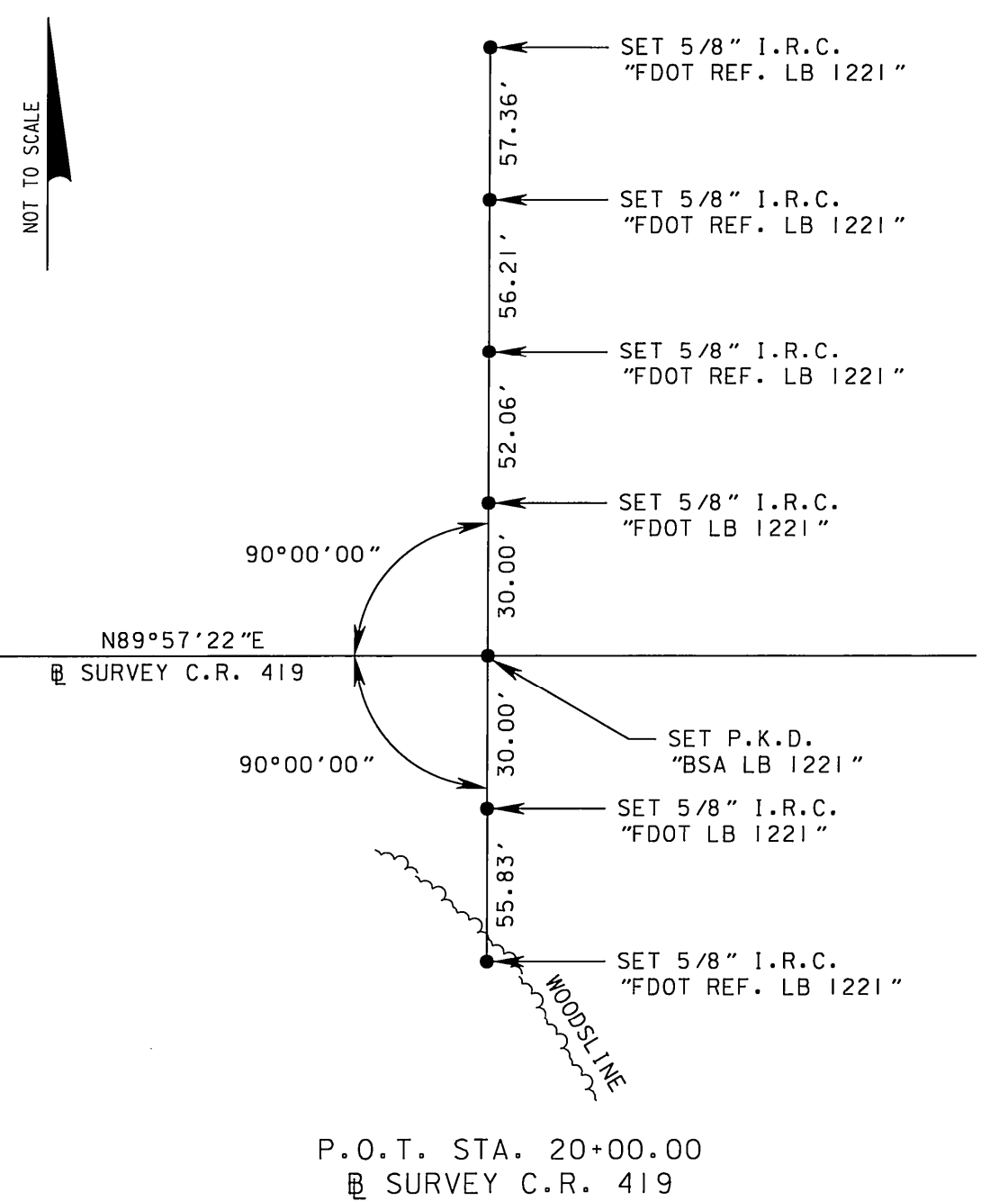
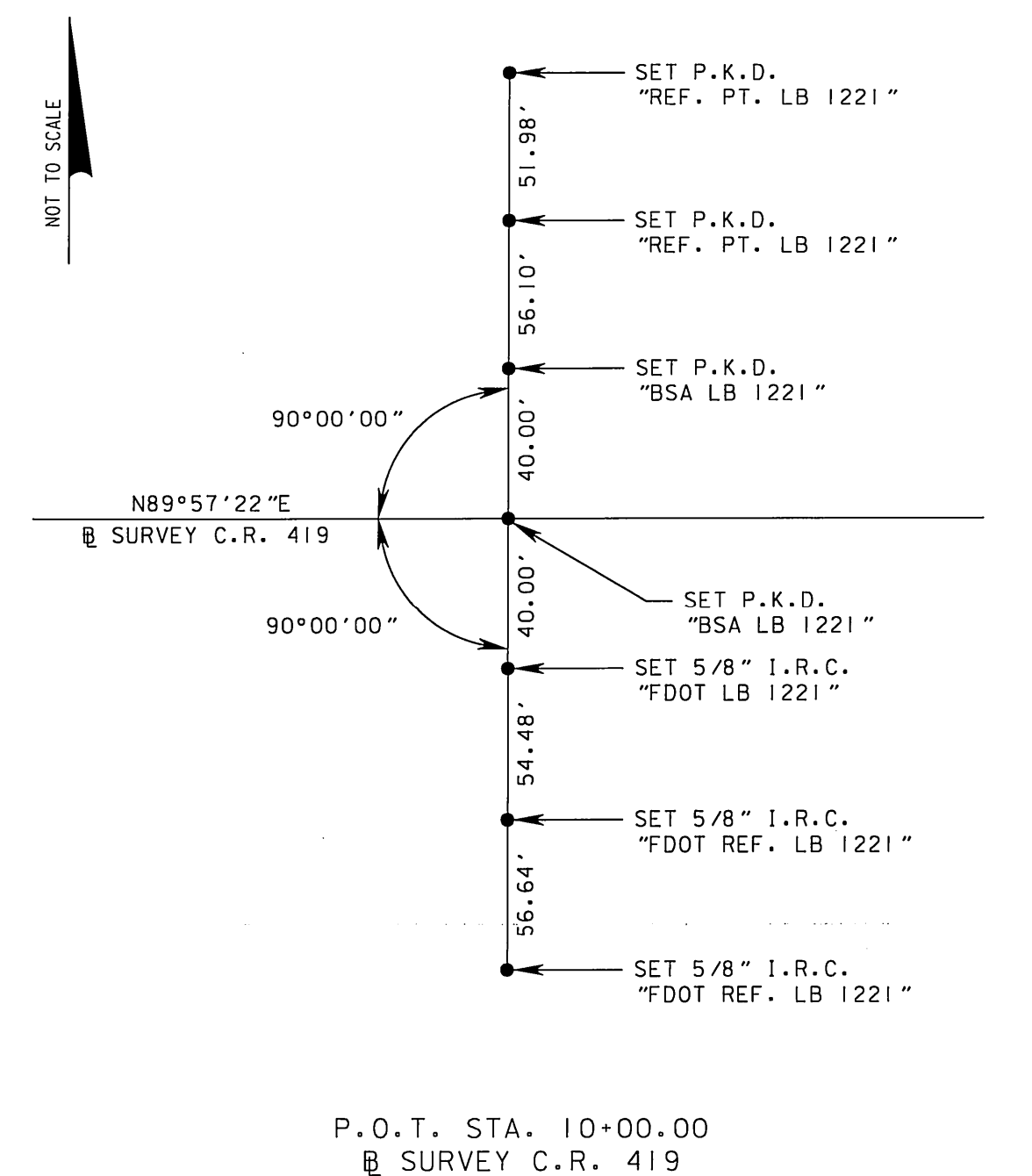


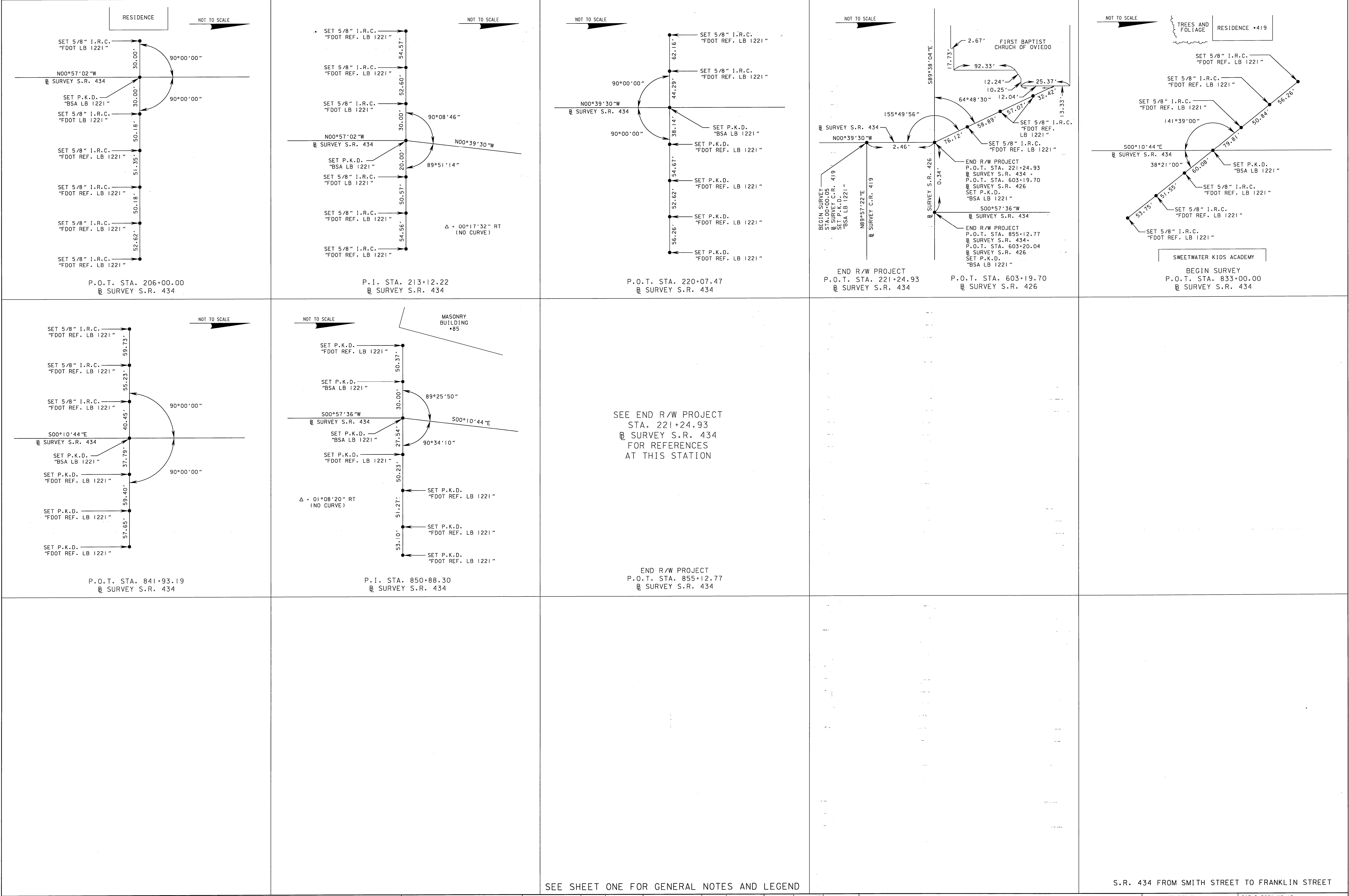
MONUMENT TABLE			
NO.	STATION	OFFSET	DESCRIPTION
M1			FND. N.D., "RLS 3744" N00°35'05"W 7.02'(F) FND. N.D., "LANDTECH LB 5777" 0.07'N, 0.23'E(F)
M2	605+05.83	19.64'(LT(F))	FND. 1-1/4" I.P. "TOP RAIL"

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N00°37'17"W	24.90'(F)(P)
L2	N89°51'58"E	13.25'(F)
L3	S00°37'17"E	31.82'(C)
L4	S34°08'00"E	17.87'(C)
L5	N89°51'58"E	21.57'(C)
L6	S00°08'02"E	17.00'(C)
L7	N89°51'58"E	20.00'(C)
L8	N42°28'49"W	18.00'(F)
L9	S42°21'22"E	14.60'(C)
L10	S00°37'17"E	91.50'(C)(D)



SEE END R/W PROJECT
STA. 221+24.93
B SURVEY S.R. 434
FOR REFERENCES
AT THIS STATION





TABLE

OF

OWNERSHIPS

PARCEL NO.	SHEET NO.	NAME	AREA TAKEN	REMAINDERS		COMMENTS	RECORDING DATA	REVISION BLOCK		
				LEFT	RIGHT					
100A	5,8	CITY OF OVIEDO	998 S.F.	N/A	N/A		O.R.B. 07881, PG. 01723			
100B	5,8	CITY OF OVIEDO	885 S.F.	N/A	N/A		O.R.B. 07881, PG. 01723			
100C	5,8	CITY OF OVIEDO	2525 S.F.	N/A	N/A		O.R.B. 07881, PG. 01723			
100D	3,6,9	CITY OF OVIEDO	4797 S.F.	N/A	N/A	CITY OF OVIEDO RETAINS CERTAIN MAINTENANCE RIGHTS	O.R.B. 8070, PG. 1070			
101		NOT USED					NOT USED			
102	5,8	REBECCA A. BAILEY, AS TRUSTEE	632 S.F.	15435 S.F.	0		O.R.B. 08178, PG. 00831			
103	5,8	CLONTS FARMS, INC.	669 S.F.	0	3379 S.F.		2014 - CA - 000061; O.R.B. 8342, PG 88			
104	5,8	CLONTS FARMS, INC.	5922 S.F.	0	21050 S.F.		2014 - CA - 000061; O.R.B. 8342, PG 88			
105A	5,8	BELLSOUTH TELECOMMUNICATIONS, LLC	371 S.F.	0.785 AC.	0		O.R.B. 08280, PG. 00985			
105B	5,8	BELLSOUTH TELECOMMUNICATIONS, LLC	195 S.F.				O.R.B. 08280, PG. 00985			
106	5,8	CLONTS & CO. NOT USED	1527 S.F.	0	2691 S.F.	NOT USED	NOT USED			
107	3,5,8,9	CITY OF OVIEDO	13096 S.F.	0	1.000 AC.		O.R.B. 8038, PG. 0711			
108	3,9	ATIP ASSOCIATES, INC.	17807 S.F.	0	0	WHOLE TAKE INCLUDES SURPLUS AREA	O.R.B. 7837, PG. 1116			
109	3,9	BROADWAY ASSOCIATES, LTD	4198 S.F.	0	0	WHOLE TAKE	O.R.B. 8067, PG. 0862			
110	3,9	NEIL E. STALEY AND MICHELLE R. STALEY, HUSBAND AND WIFE	606 S.F.	8405 S.F.	0		2013 - CA - 003567; O.R.B. 8224, PG 339			
111	3,9	TOWNHOUSE RESTAURANT OF OVIEDO, INC.	9516 S.F.	0	533 S.F.		2012 - CA - 3247 - 13 G; O.R.B. 8024, PG 161			
112	3,9	FIRST BAPTIST CHURCH OF OVIEDO, INC	388 S.F.	0	1.467 AC.	ABBREVIATED PARENT TRACT	O.R.B. 8054, PG. 1297			
113	3,6,7,9	NELSON AND COMPANY	13329 S.F.	9.886 AC.	0		2014 - CA - 000124; O.R.B. 8629, PG 689			
114	6	GEORGE KANISTRAS	1803 S.F.	5376 S.F.	0		2014 - CA - 02527 - 13 K; O.R.B. 8223, PG 817			
115	6	RICHARD L. REEVES AND PATRICIA L. HANCOCK	3521 S.F.	0.839 AC.	0		O.R.B. 08215, PG. 01025			
116	6	ROY C. JONES, JR AND JUDITH M. JONES, TRUSTEES	3868 S.F.	0.830 AC.	0		O.R.B. 8242, PG. 0736			
117	6	SAMUEL W. BOOTH, JR., ET UX AND BRYAN D. BOOTH, ET UX	15259 S.F.	3.112 AC.	0		2013 - CA - 2877; O.R.B. 8335, PG 1337			
118	7	JOHN C. ROOT AND GOSOOM ROOT, HUSBAND AND WIFE	11840 S.F.	0	0	WHOLE TAKE, A PART OF POND 3	O.R.B. 7881, PG. 1716			
118	7	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	11840 S.F.	0	0	DEPARTMENT RETAINS PERPETUAL DRAINAGE/ACCESS EASEMENT	O.R.B. 8114, PG. 707			
119	7	ANN B. ZANI AND CLARENCE ROBERT PARKINS	0.929 AC.	0	0	WHOLE TAKE, A PART OF POND 3	O.R.B. 7847, PG. 567			
119	7	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	0.929 AC.	0	0	DEPARTMENT RETAINS PERPETUAL DRAINAGE/ACCESS EASEMENT	O.R.B. 8114, PG. 711			
120	3,6,9	CSX RAILROAD VOID	2853 S.F.	N/A	N/A		VOID			
121	3,9	HUGH H. CRADDOCK, JR. AND JACQUELYN J. CRADDOCK, HUSBAND AND WIFE	4998 S.F.	0	0	WHOLE TAKE	O.R.B. 8164, PG. 370			
800	5,8	TIITF	6600 S.F.	N/A	N/A	PERPETUAL R/W EASEMENT	O.R.B. 8350, PG. 0387			
801	3,9	HUGH H. CRADDOCK, JR. AND JACQUELYN J. CRADDOCK, HUSBAND AND WIFE	154 S.F.	VOID 0	4998 S.F.	PERPETUAL R/W EASEMENT				
							VOID			
802	3,6,9	TIITF	10405 S.F.	N/A	N/A	PERPETUAL R/W EASEMENT	O.R.B. 8350, PG. 0387			
803	6	NELSON AND COMPANY VOID	5663 S.F.	SEE PARCEL 113		HARMONIZING EASEMENT	VOID			
804	6	NELSON AND COMPANY	453 S.F.	SEE PARCEL 113		PERPETUAL DRAINAGE EASEMENT	2014 - CA - 000124; O.R.B. 8629, PG 689			
805	6	GEORGE KANISTRAS AND HENRY O. BOXLEY VOID	252 S.F.	SEE PARCEL 114		HARMONIZING EASEMENT	VOID			
806	6	SAMUEL W. BOOTH, JR., ET UX AND BRYAN D. BOOTH, ET UX	280 S.F.	SEE PARCEL 117		PERPETUAL DRAINAGE EASEMENT	2013 - CA - 2877; O.R.B. 8335, PG 1337			
807	6	SAMUEL W. BOOTH, JR., ET UX AND BRYAN D. BOOTH, ET UX	247 S.F.	SEE PARCEL 117		PERPETUAL DRAINAGE EASEMENT	2013 - CA - 2877; O.R.B. 8335, PG 1337			
808	6,7	CITY OF OVIEDO	0.521 AC.	N/A	N/A	STORM SEWER EASEMENT	O.R.B. 08111, PG. 01160			
809	7	CITY OF OVIEDO	2.301 AC.	N/A	N/A	PERPETUAL DRAINAGE EASEMENT	O.R.B. 08111, PG. 01163			
810	3,6,9	TIITF	2853 S.F.	N/A	N/A	PERPETUAL R/W EASEMENT	O.R.B. 08658, PG. 00269			
811	3,6,9	NELSON AND COMPANY	8839 S.F.	SEE PARCEL 113		PERPETUAL EASEMENT	2014 - CA - 000124; O.R.B. 8629, PG 689			
812	6,7	CITY OF OVIEDO	5.423 AC.	N/A	N/A	PERPETUAL EASEMENT	O.R.B. 9309, PG 1938			

THIS MAP IS NOT A SURVEY

SEE SHEET ONE FOR GENERAL NOTES AND LEGEND

S.R. 434 FROM SMITH STREET TO FRANKLIN STREET

RIGHT OF WAY MAP

FLORIDA DEPARTMENT OF TRANSPORTATION
SURVEYING AND MAPPING

APPROVED BY
Deborah Mott
FOR DISTRICT SECRETARY

DATE
4/02/2012

REVISION	BY	DATE	REVISION	BY	DATE						

	BY	DATE
PRELIM	J. MUNRO	02/25/2009
FINAL	J. MUNRO	03/27/2012
CHECKED	S. WARE	03/28/2012

F.A.P. NO. TCSP 035 U

SECTION 77070 & 77170

STATE ROAD NO. 434

SEMINOLE COUNTY

MAPS PREPARED BY:
Bowyer-Singleton & Associates, Inc.

FIELD BOOK NO.'S:
SEE SHEET 1, GENERAL NOTE 1
SCALE: N.T.S.

F.P. NO. 415030-2

SHEET 12 OF 12

LEGEND

PARCEL NUMBER IDENTIFICATION	TYPE USE
100-699	DEEDS OF ALL TYPES
700-799	TEMPORARY EASEMENTS
800-899	PERPETUAL EASEMENTS
900-999	LICENSE

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING & PAVEMENT MARKING PLANS
SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
1A	NOTES TO REVIEWER
2A, 2B	SUMMARY OF PAY ITEMS
3-7	TYPICAL SECTIONS
8-11	SUMMARY OF QUANTITIES
12	SUMMARY OF DRAINAGE STRUCTURES
13	OPTIONAL MATERIALS TABULATION
14	GENERAL NOTES
15-46	PLANS SHEETS
47-48A	BACK OF SIDEWALK PROFILE
49	DRIVEWAY PROFILES
50-57	DRAINAGE STRUCTURES
58	DRAINAGE DETAILS
59-74	CROSS SECTIONS
75-108	STORMWATER POLLUTION PREVENTION PLAN
109	TEMPORARY TRAFFIC CONTROL PLAN
110-111	UTILITY ADJUSTMENTS
CTL-1 CTL-3	PROJECT SURVEY CONTROL

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED FISCAL YEAR 2012/2013,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2010,
AS AMENDED BY CONTRACT DOCUMENTS.

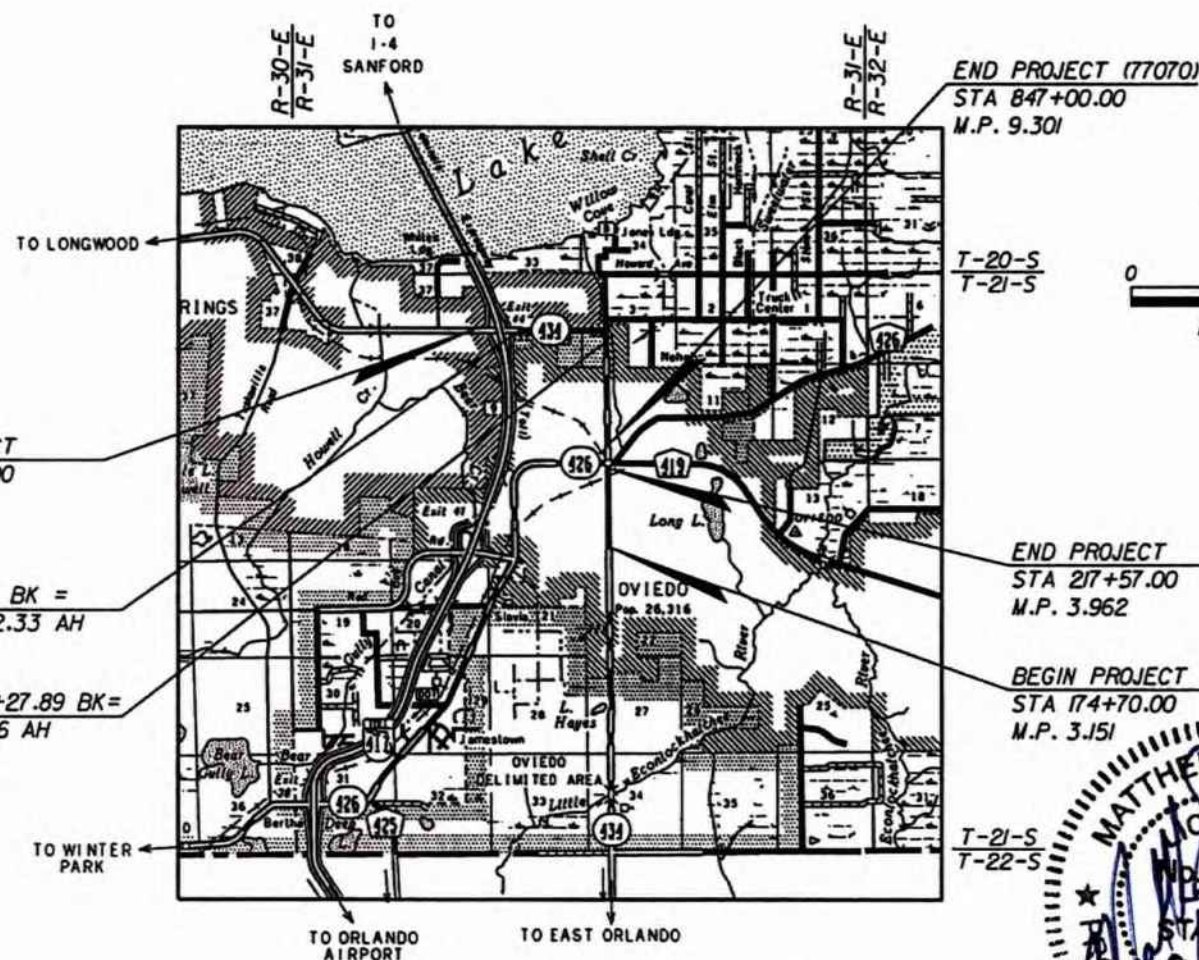
APPLICABLE DESIGN STANDARDS
MODIFICATIONS: 01-01-2012
For Design Standards Modifications click on
"Design Standards" at the following web site:
<http://www.dot.state.fl.us/rddesign/designstandards/standards.shlm>

REVISIONS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

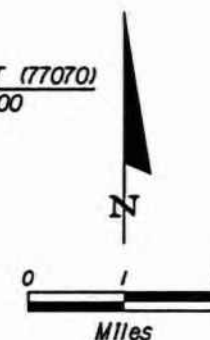
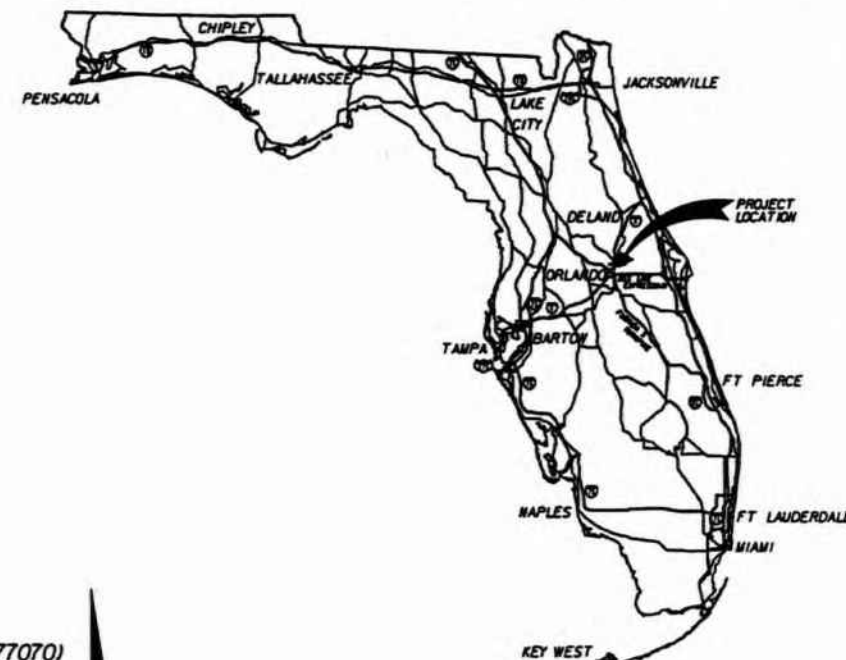
FINANCIAL PROJECT ID 422015-1-52-01
(FEDERAL FUNDS)
SEMINOLE COUNTY (77070, 77070001, 77170)
STATE ROAD NO. 434



PROJECT LENGTH IS BASED ON E OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	17,681.68	3.348
BRIDGES	0.0	0.000
NET LENGTH OF PROJECT	17,681.68	3.348
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	17,681.68	3.348

FDOT PROJECT MANAGER: JAZLYN HEYWOOD, E.I.



END PROJECT (77070)
STA 847+00.00
M.P. 9.301

T-20-S
T-21-S

END PROJECT
STA 217+57.00
M.P. 3.962

BEGIN PROJECT
STA 174+70.00
M.P. 3.151

T-21-S
T-22-S



KEY SHEET REVISIONS

DATE	DESCRIPTION

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

MATTHEW S. STEEN, P.E.
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746

PLANS PREPARED BY:



JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION NO. 5917
CONTRACT NO. C8547
VENDOR NO. 52-0963531

NOTES:
1. THIS PROJECT TO BE LET TO CONTRACT
WITH FINANCIAL PROJECT ID 42259-1-52-01
2. THE SCALE OF THESE PLANS MAY HAVE CHANGED
DUE TO REPRODUCTION.

FINAL PLANS
SUBMITTAL
MAY, 2012

ROADWAY PLANS
ENGINEER OF RECORD: MATTHEW S. STEEN, P.E.

P.E. NO. 60407

FISCAL YEAR	SHEET NO.
13	1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68G5-23.003, F.A.C.

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING & PAVEMENT MARKING PLANS
SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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109	TEMPORARY TRAFFIC CONTROL PLAN
110-111	UTILITY ADJUSTMENTS
CTL 1 CTL 3	PROJECT SURVEY CONTROL

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
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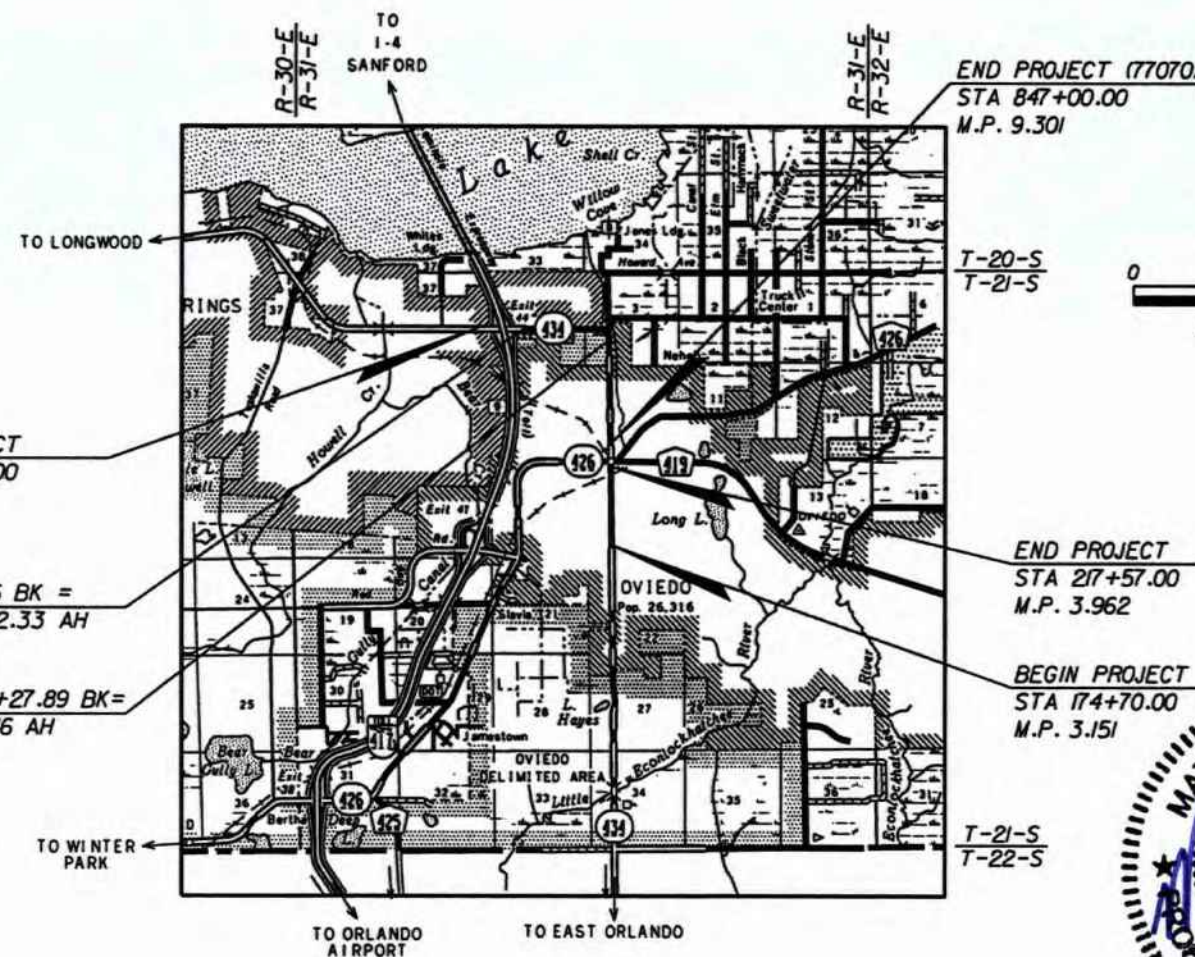
APPLICABLE DESIGN STANDARDS
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REVISIONS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 422015-1-52-01
(FEDERAL FUNDS)
SEMINOLE COUNTY (77070, 77070001, 77170)
STATE ROAD NO. 434



BEGIN PROJECT
STA 705+37.00
M.P. 6.765

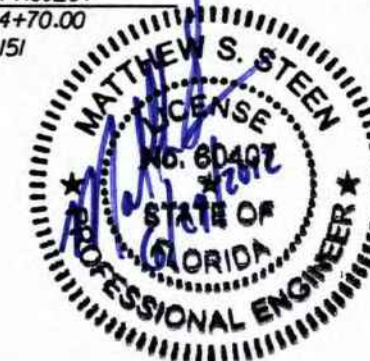
EQUATION
STA. 731+15.56 BK =
PI STA 737+82.33 AH

EQUATION:
P.T. STA. 788+27.89 BK=
STA. 789+29.46 AH

END PROJECT (77070)
STA 847+00.00
M.P. 9.301

END PROJECT
STA 217+57.00
M.P. 3.962

BEGIN PROJECT
STA 174+70.00
M.P. 3.151



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

MATTHEW S. STEEN, P.E.
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746

PLANS PREPARED BY:



JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FLORIDA 32746
CERTIFICATE OF AUTHORIZATION NO. 5917
CONTRACT NO. CBS47
VENDOR NO. 52-0963531

NOTES:
1. THIS PROJECT TO BE LET TO CONTRACT
WITH FINANCIAL PROJECT ID 422015-1-52-01
THE SCALE OF THESE PLANS MAY HAVE CHANGED
DUE TO REPRODUCTION.

FINAL PLANS
SUBMITTAL
MAY, 2012

ROADWAY PLANS
ENGINEER OF RECORD: MATTHEW S. STEEN, P.E.

P.E. NO. 60407

PROJECT LENGTH IS BASED ON E OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	17,681.68	3.348
BRIDGES	0.0	0.000
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EXCEPTIONS	N/A	N/A
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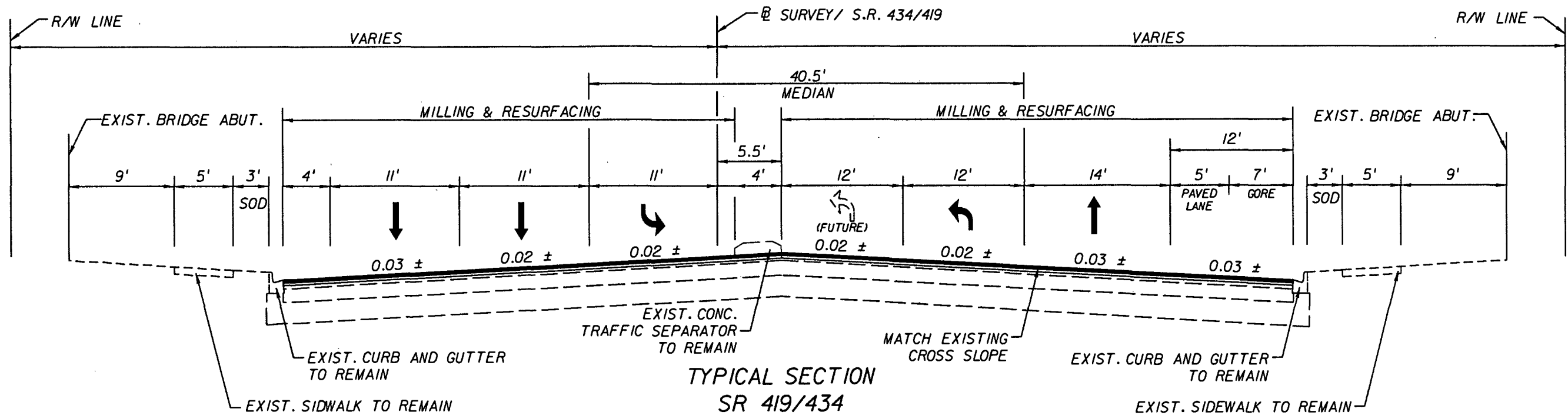
FDOT PROJECT MANAGER: JAZLYN HEYWOOD, E.I.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

FISCAL YEAR	SHEET NO.
13	1

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6105-23.003, F.A.C.

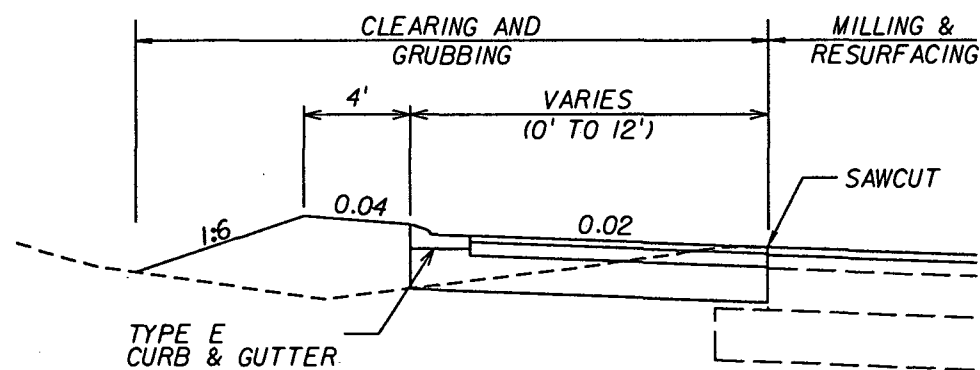
SJRWMD: mpacheco 40-117-131032-1 7/17/2012



TYPICAL SECTION
SR 419/434
STA 705+37.00 TO STA 731+15.56
731+15.56 BK (=737+82.33 AH)

MILLING
MILL EXISTING ASPHALT PAVEMENT (3 1/2" AVG. DEPTH)

RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C)(2")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1 1/2")(RUBBER)

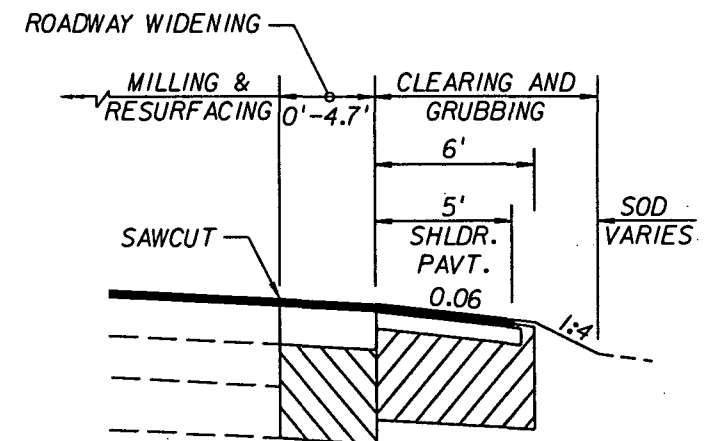


TURN LANE EXTENSION (WIDENING)
STA 708+38.99 RT TO STA 711+88.37 RT

OPTIONAL BASE GROUP 13 (TYPE B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C)(13")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1.5")(RUBBER)

TRAFFIC DATA
STA. 705+37.00 TO STA. 773+00.00

CURRENT YEAR = 2010 AADT = 18,000
ESTIMATED OPENING YEAR = 2013 AADT = 19,200
ESTIMATED DESIGN YEAR = 2033 AADT = 27,400
K = 9.12% D = 65.19% T = 8.51% (24 HOUR)
DESIGN HOUR T = 8.29%
DESIGN SPEED = 45 MPH



ROADWAY WIDENING
STA 724+07.98 RT TO STA 728+79.87 RT

OPTIONAL BASE GROUP 13 (TYPE B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C)(13")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1.5")(RUBBER)

SHOULDER RECONSTRUCTION
STA 724+07.98 RT TO STA 730+87.74 RT

OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C)(11.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1.5")(RUBBER)

NOTES:

1. THE MILLING DESIGN WILL LEAVE ONLY A THIN LIFT OF TYPE S ASPHALT. IT SHOULD BE ANTICIPATED THAT THE LIMEROCK WILL BE SUBJECT TO SCABBING AND EXPOSURE. THE CONTRACTOR SHALL SWEEP, CLEAN AND TACK ANY AND ALL EXPOSED LOCATIONS OF LIMEROCK.
2. MATERIALS TACK COAT: USE ONLY UNDILUTED EMULSIFIED ASPHALT TACK COAT CRS-1h OR NTSS-1h IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 300 AND SECTION 916 OF THE SPECIFICATIONS.

Scanned: 7/18/2012

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

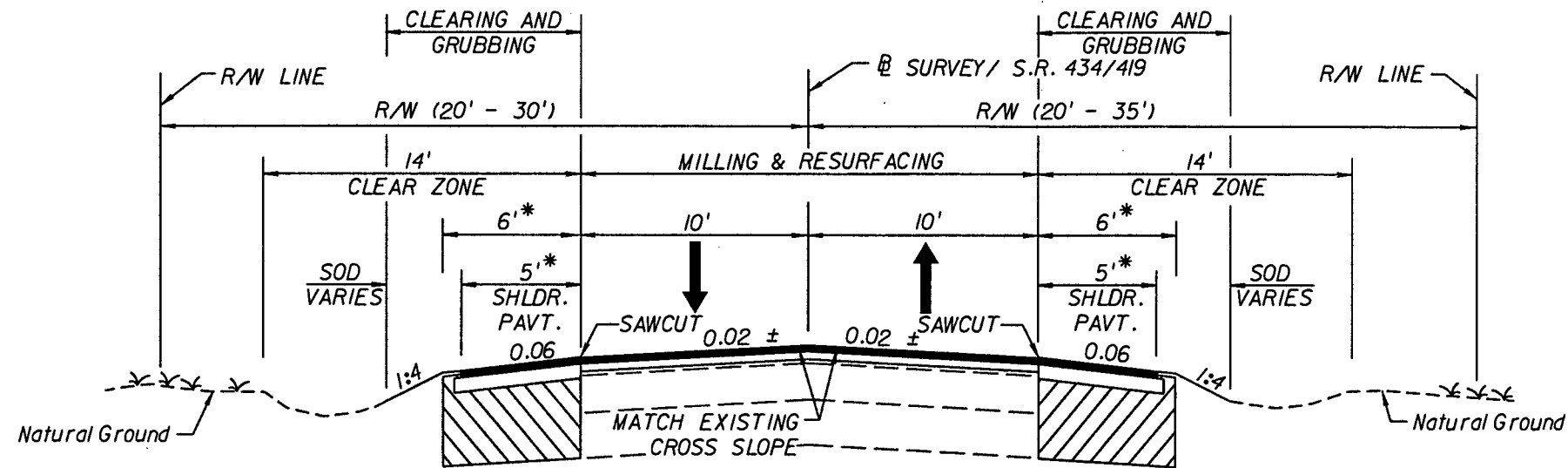
JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

TYPICAL SECTIONS		SHEET NO.
		3

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* 4' PAVED SHOULDER (5' TOTAL SHOULDER)
STA 737+82.33 TO STA 773+00.00 RT
STA 768+90.00 TO STA 772+60.00 LT

TYPICAL SECTION
SR 419/434
STA 737+82.33 TO STA 773+00.00

TRAVEL LANES

MILLING
MILL EXISTING ASPHALT PAVEMENT (4" AVG. DEPTH)

RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (2 1/2")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1 1/2") (RUBBER)

SHOULDER

MILLING
MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)

RESURFACING
FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1.5") (RUBBER)

WIDENING

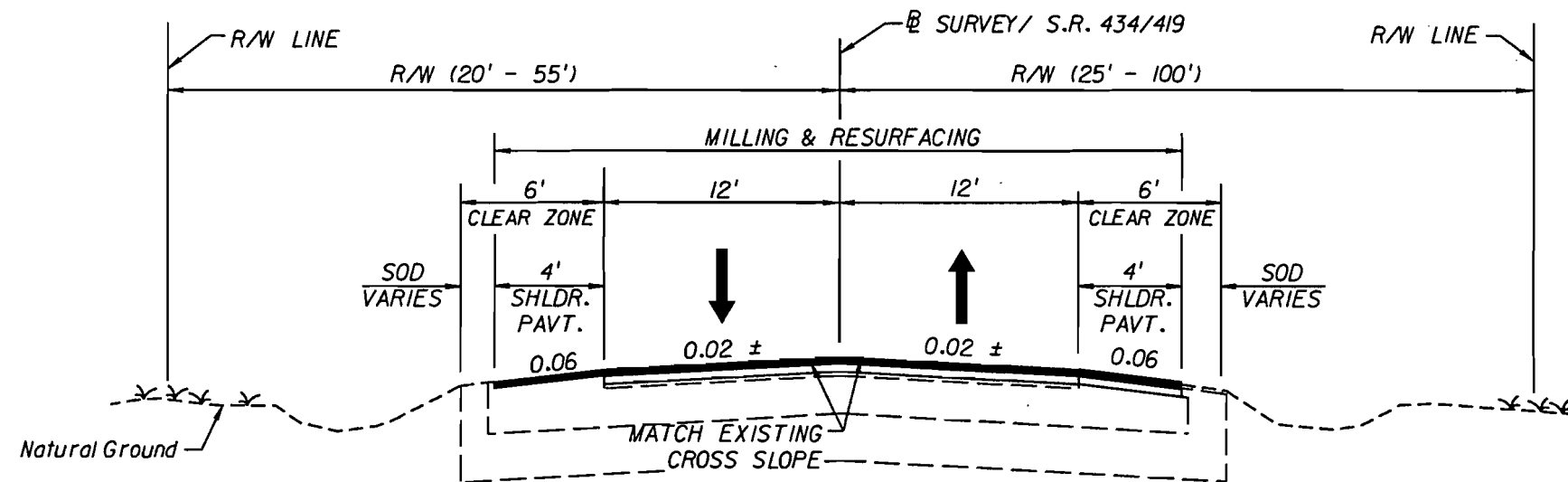
OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (1.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1.5") (RUBBER)

TRAFFIC DATA
STA. 773+00.00 TO STA. 847+00.00

CURRENT YEAR = 2010 AADT = 18,000
ESTIMATED OPENING YEAR = 2013 AADT = 19,200
ESTIMATED DESIGN YEAR = 2033 AADT = 27,000
K = 9.12% D = 65.19% T = 8.51% (24 HOUR)
DESIGN HOUR T = 8.29%
DESIGN SPEED = 40 MPH

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						
							434	SEMINOLE	422015-1-52-01		4

MATTHEW S. STEEN, P.E. (No. 60407)
JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917



TYPICAL SECTION SR 419/434

STA 773+00.00 TO STA 792+49.65
788+27.89 BK (=789+29.44 AH)

MILLING

MILL EXISTING ASPHALT PAVEMENT (4" AVG. DEPTH)

RESURFACING

TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (2.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1 1/2") (RUBBER)

SHOULDER MILLING

MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)

SHOULDER RESURFACING

FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1.5") (RUBBER)

TRAFFIC DATA STA. 773+00.00 TO STA. 847+00.00

CURRENT YEAR = 2010 AADT = 18,000
ESTIMATED OPENING YEAR = 2013 AADT = 19,200
ESTIMATED DESIGN YEAR = 2033 AADT = 27,000
K = 9.12% D = 65.19% T = 8.51% (24 HOUR)
DESIGN HOUR T = 1%
DESIGN SPEED = 40 MPH

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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)  JOHNSON, MURPHY & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO. 6
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

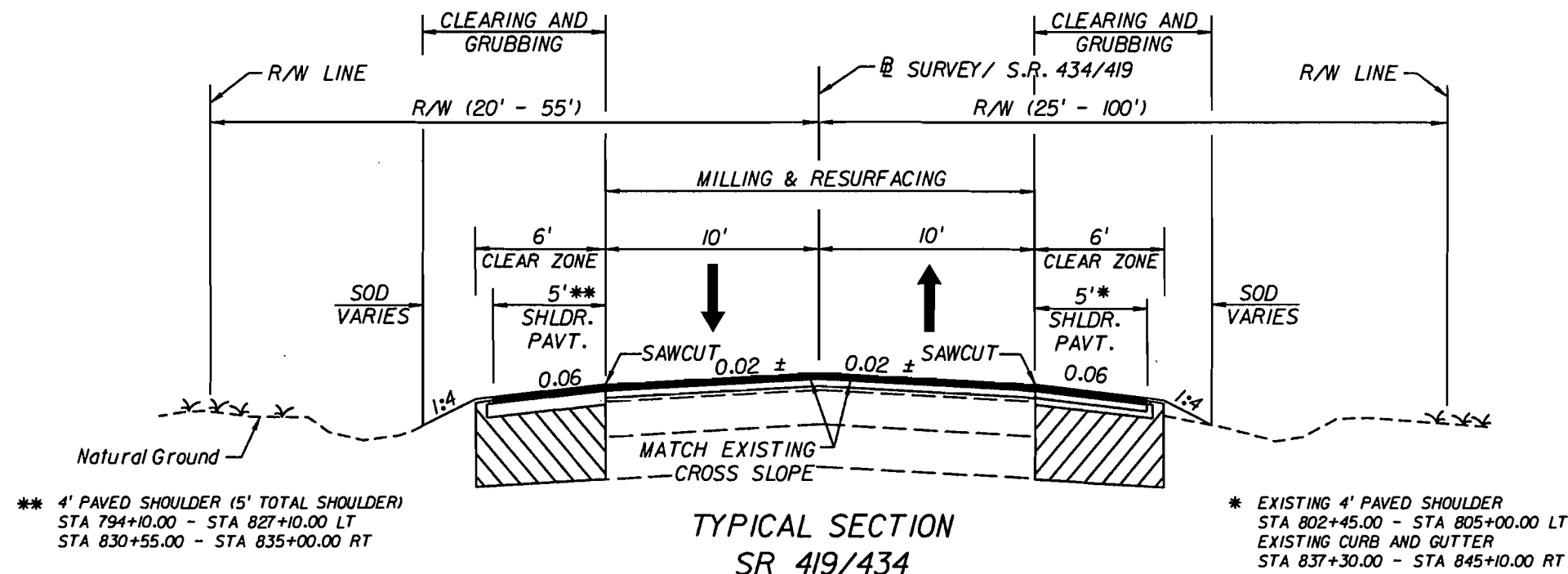
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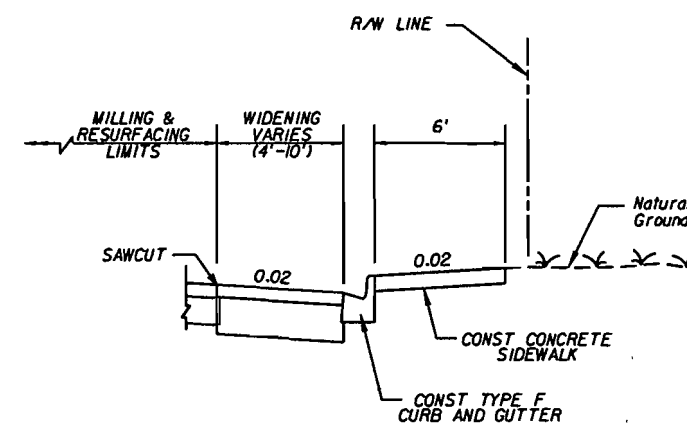
MILLING
MILL EXISTING ASPHALT PAVEMENT (4" AVG. DEPTH)

RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C)(2.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1.5")(RUBBER)

SHOULDER MILLING
MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)

SHOULDER RESURFACING
FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1.5")(RUBBER)

SHOULDER WIDENING
OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C)(1.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1.5")(RUBBER)



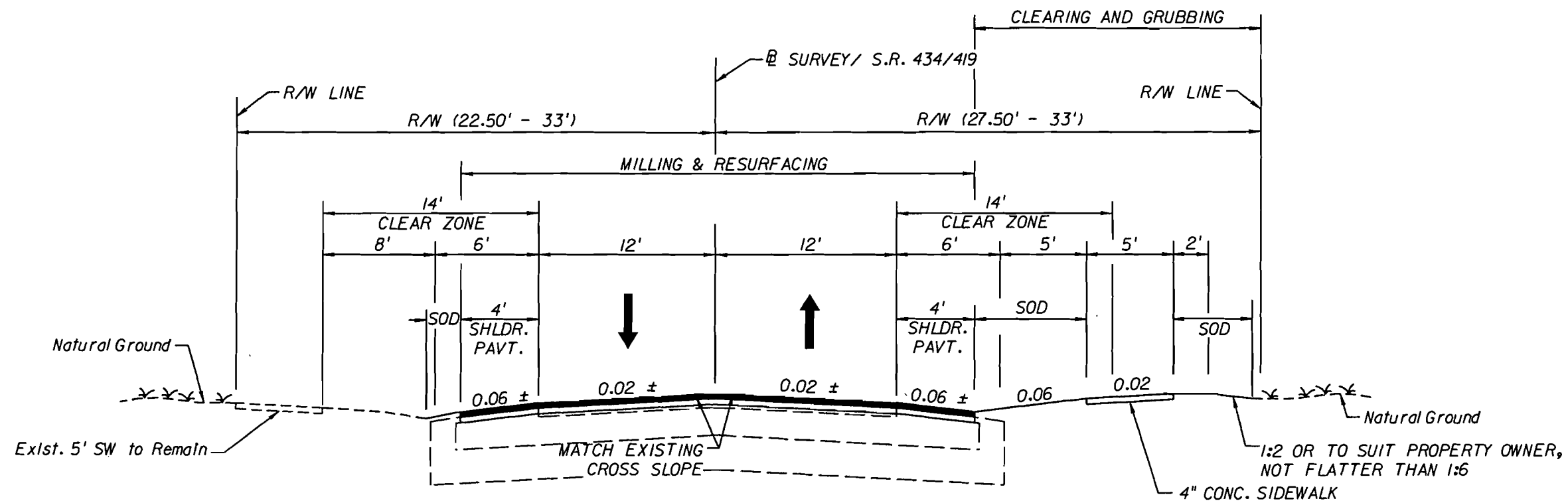
WIDENING
OPTIONAL BASE GROUP 11 (B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C)(1.5")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C)(1.5")(RUBBER)

TRAFFIC DATA
STA. 773+00.00 TO STA. 847+00.00

CURRENT YEAR = 2010 AADT = 18,000
ESTIMATED OPENING YEAR = 2013 AADT = 19,200
ESTIMATED DESIGN YEAR = 2033 AADT = 27,000
K = 9.12% D = 65.19% T = 8.51% (24 HOUR)
DESIGN HOUR T = 1%
DESIGN SPEED = 40 MPH

REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						434	SEMINOLE	422015-1-52-01	5

MATTHEW S. STEEN, P.E. (No. 60407)
JMT
JOHNSON, MURPHY & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917



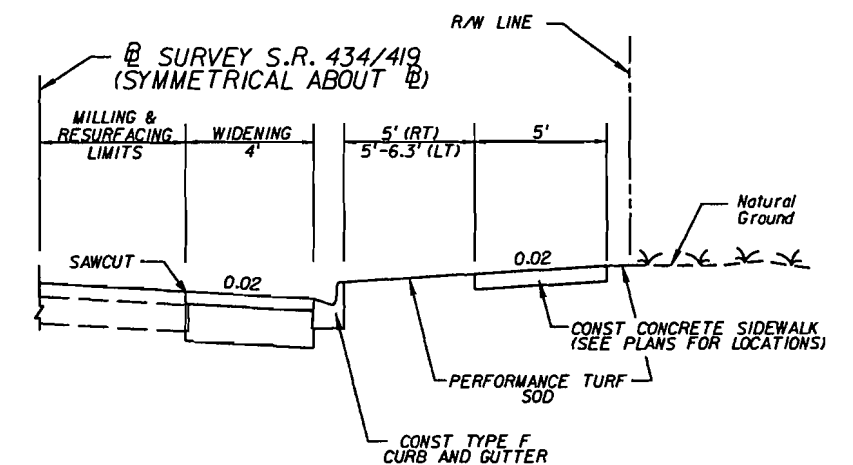
**TYPICAL SECTION
SR 434
STA. 174+70.00 TO STA. 217+57.00**

MILLING
MILL EXISTING ASPHALT PAVEMENT (3" AVG. DEPTH)

RESURFACING
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (1 1/2")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1 1/2") (RUBBER)

SHOULDER MILLING
MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)

SHOULDER RESURFACING
FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1.5") (RUBBER)



SR 434 WIDENING DETAIL

**SR 434 S
STA. 199+44.55 TO STA. 207+60.00 (RT)
STA. 199+46.32 TO STA. 207+93.88 (LT)**

WIDENING
OPTIONAL BASE GROUP 13 (B-12.5 ONLY) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (3")
AND FRICTION COURSE FC-12.5 (TRAFFIC LEVEL C) (1 1/2") (RUBBER)

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**TRAFFIC DATA
STA. 174+70.00 TO STA. 217+57.00**
CURRENT YEAR = 2010 AADT = 13,800
ESTIMATED OPENING YEAR = 2013 AADT = 17,700
ESTIMATED DESIGN YEAR = 2033 AADT = 20,800
K = 8.81% D = 53.78% T = 6.89% (24 HOUR)
DESIGN HOUR T = 3%
DESIGN SPEED = 45 MPH

REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407) JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO. 7
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

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GENERAL NOTES

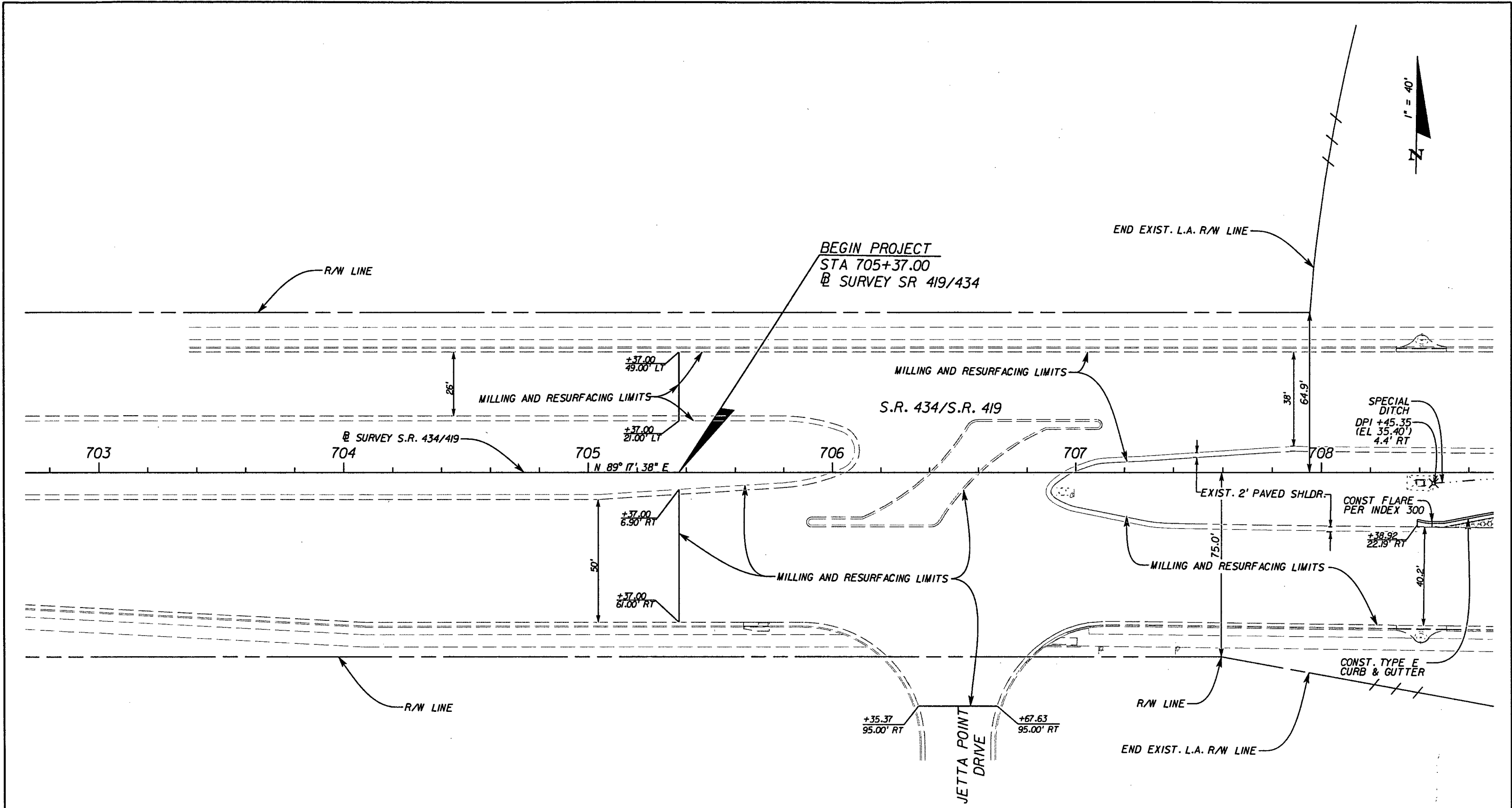
1. THIS PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM NAD 1983/90 HORIZONTAL DATUM. THE VERTICAL DATUM IS BASED ON THE NAVD 1988.
2. LIMITED PHYSICAL SURVEY WAS CONDUCTED FOR THE PROJECT. EXISTING TOPOGRAPHY WAS DEVELOPED USING FIELD MEASUREMENTS, EXISTING RECORD PLANS AND AERIAL PHOTOGRAPHY.
3. EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
4. THE CONTRACTOR SHALL CONTACT SUNSHINE ONE CALL OF FLORIDA, INC. (811) AS REQUIRED BY CHAPTER 556 OF THE FLORIDA STATUTES.
- UTILITY/AGENCY OWNERS:
- COMPANY/TELEPHONE NUMBERS
- | | |
|-------------------------------|--------------|
| SEMINOLE COUNTY TRAFFIC | 407-665-5679 |
| PROGRESS ENERGY DISTRIBUTION | 800-700-8744 |
| AT&T FLORIDA | 407-539-0644 |
| CITY OF OVIEDO | 407-971-5692 |
| BRIGHT HOUSE NETWORKS, LLC | 407-532-8509 |
| EMBARQ COMMUNICATIONS INC. | 407-920-8981 |
| TECO | 888-832-6742 |
| CITY OF WINTER SPRINGS | 407-327-7597 |
| PROGRESS ENERGY TRANSMISSION | 407-942-9451 |
| SEMINOLE COUNTY ENVIRONMENTAL | 407-665-2011 |
| OUC LIGHTING | 407-236-9651 |
5. ANY PUBLIC LAND CORNER OR BENCH MARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR, WITHOUT DELAY, AT (XXX) XXX-XXXX.
6. EXISTING UTILITIES SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED IN THE PLANS.
7. ALL LANES ON SR 426 AND SR 434 MUST BE OPENED FOR TRAFFIC WITHIN 12 HOURS OF AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENTS AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
9. MOWING AND LITTER REMOVAL AND DISPOSAL SHALL BE SCHEDULED EVERY 30 CALENDAR DAYS DURING THE DURATION OF THE PROJECT AND ONCE BEFORE PROJECT RECEIVES FINAL ACCEPTANCE. THESE AREAS INCLUDE BUT ARE NOT LIMITED TO GUARDRAIL, BRIDGE ABUTMENTS, SIGNS AND AREAS WHERE USING NORMAL EQUIPMENT IS NOT PRACTICAL. UNLESS OTHERWISE NOTED IN THE PLANS. ANY STRUCTURE WITHIN THE RIGHT-OF-WAY SHALL BE MAINTAINED AND PROTECTED.
10. ALL MILLED MATERIAL SHALL BE REMOVED AND DISPOSED OF PROPERLY BY THE END OF EACH DAY'S WORK PERIOD.
11. CONSTRUCT A SMOOTH CONNECTION TO ALL DRIVEWAYS/TURNOUTS IMMEDIATELY AFTER MILLING.
12. TAKE MEASURES TO ENSURE THE CLEAN UP OF SEDIMENT THAT HAS BEEN TRACKED BY VEHICLES WITHIN THE PROJECT LIMITS.
13. CONTRACTOR SHALL REPAIR/RESET EXISTING AND PROPOSED GUARDRAIL IN ORDER TO KEEP IT FUNCTIONAL AT ALL TIMES IN ACCORDANCE WITH INDEX 400.

14. THE CONTRACTOR SHALL CONTACT DISTRICT 5 OPERATION'S PUBLIC INFORMATION OFFICER AT 386-943-5479, THE FLORIDA HIGHWAY PATROL, THE CITY OF OVIEDO POLICE DEPARTMENT, THE SEMINOLE COUNTY SHERIFF'S OFFICE (407) 665-6612, THE SEMINOLE COUNTY PUBLIC SCHOOL (BUS OPERATION SAFETY) AT (407) 320-7524 AND THE FIRE RESCUE AT LEAST TEN CALENDAR DAYS PRIOR TO ANY LANE CLOSURE.
15. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL EXISTING LANDSCAPING AND IRRIGATION IS MAINTAINED IN GOOD HEALTH AND CONDITION DURING CONSTRUCTION. EXISTING TREES, LANDSCAPING, OR IRRIGATION SYSTEM DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR USING STREET SWEEPER VACUUM TRUCK FOR CLEAN-UP OF MILLED DEBRIS DURING THE MILLING OPERATIONS.
18. CONTACT LYNX AT 407-841-2279 THIRTY (30) CALENDAR DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION TO ARRANGE A PRE-CONSTRUCTION ACCESS SAFETY MEETING.
19. ALL MILLED AREAS WILL BE RESURFACED WITHIN THE SAME WORK PERIOD THAT MILLING OCCURS.
20. EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION. THOSE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
21. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN UNLESS OTHERWISE NOTED.
22. RIGHT-OF-ENTRY AGREEMENTS HAVE BEEN EXECUTED BY THE DEPARTMENT WITH THE PROPERTY OWNER'S CONSENT FOR THE CONTRACTOR TO COMPLETE THE PROJECT IMPROVEMENTS AS IDENTIFIED IN THE PLANS. THE CONTRACTOR SHALL RESTORE THE REMAINING LANDS TO A SAFE AND SANITARY CONDITIONS AFTER THE MODIFICATION OF THE IMPROVEMENTS.
23. ALL STAKING OF PROPOSED CONSTRUCTION TO ALLOW FOR PROPER INSTALLATION/RELOCATION OF UTILITY FACILITIES, AS INDICATED ON THE UTILITY WORK SCHEDULE, SHALL BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE IMPACTED UTILITIES AND STAKE THE ITEMS REQUESTED. THIS STAKING SHALL BE SEPARATE AND IN ADDITION TO THE NORMAL STAKING FOR THE PROJECT.
24. CONTRACTOR SHALL NOT CLEAR, GRUB, DREDGE, FILL OR STAGE EQUIPMENT IN ANY WETLANDS OR SURFACE WATERS NOT IDENTIFIED FOR IMPACT BY STATE AND FEDERAL PERMITS.
25. REPLACEMENTS OF MAILBOXES SHALL HAVE MINIMUM 3" HIGH NUMBERS PLACED ON BOTH SIDES OF THE MAILBOX, PER SEMINOLE COUNTY ORDINANCE 90.5 (6). PER USPS D041.2.4, IF THE BOX IS ON A DIFFERENT STREET FROM THE CUSTOMER'S RESIDENCE, THE STREET NAME AND HOUSE NUMBER SHALL BE INSCRIBED ON THE BOX ON BOTH SIDES.
26. CONTRACTOR SHALL ADJUST ALL UTILITY MANHOLES AND VALVE BOXES LOCATED IN THE PAVEMENT AREA, PROPOSED SHOULDERS, DRIVEWAYS AND/OR SIDEWALKS. CONTRACTOR SHALL CONTACT THE APPLICABLE UTILITY COMPANY TO FURNISH MANHOLE RINGS AND COVERS OR VALVE BOXES AS REQUIRED.

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

SJRWMD: mpacheco 40-117-131032-1 7/17/2012



LEGEND

	CONSTRUCT 4' SIDEWALK
	TURNOUT CONSTRUCTION
	WIDENING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

JOHNSON, MIRMIRAN & THOMPSON

615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

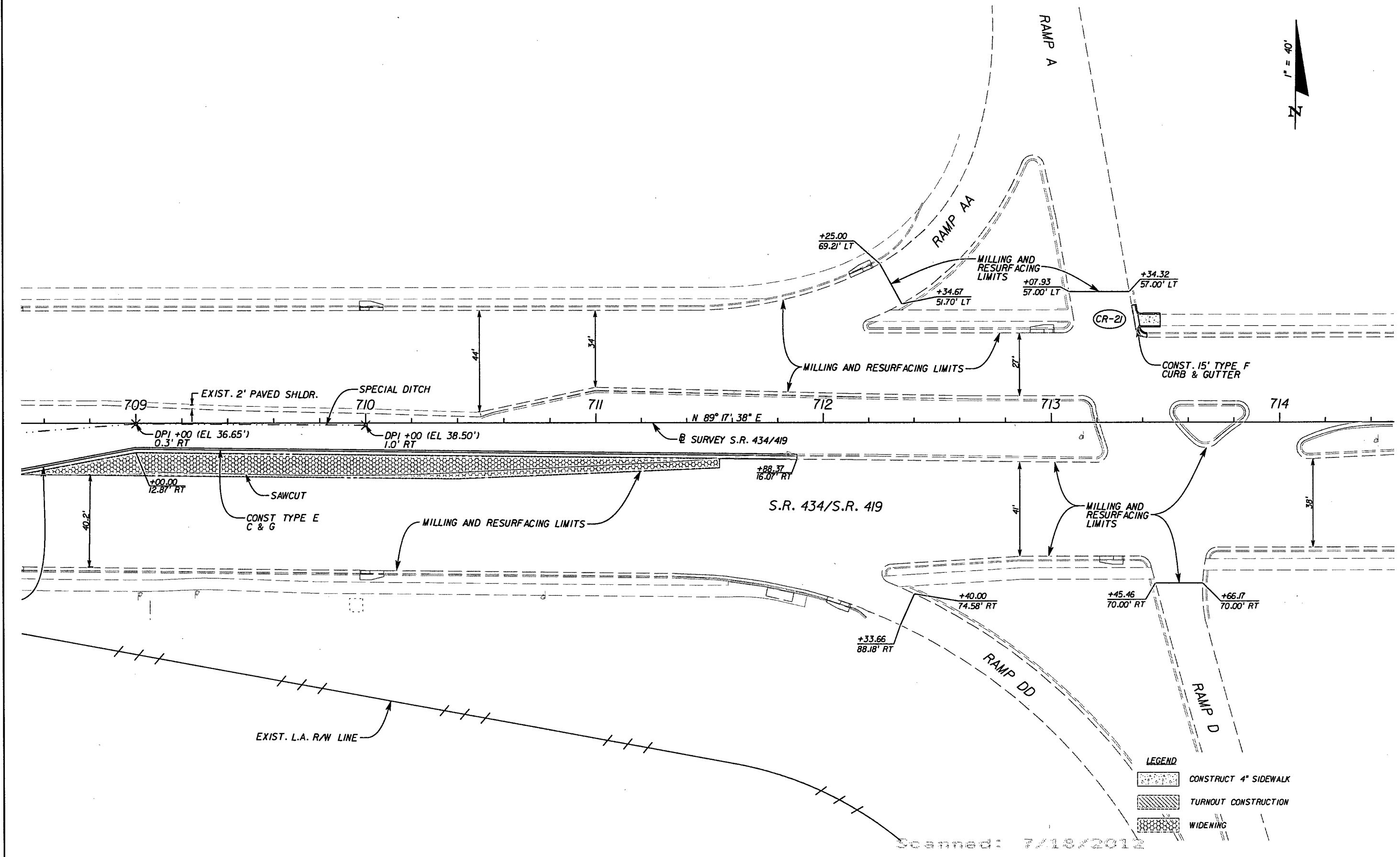
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

PLAN SHEET

SHEET NO.
15

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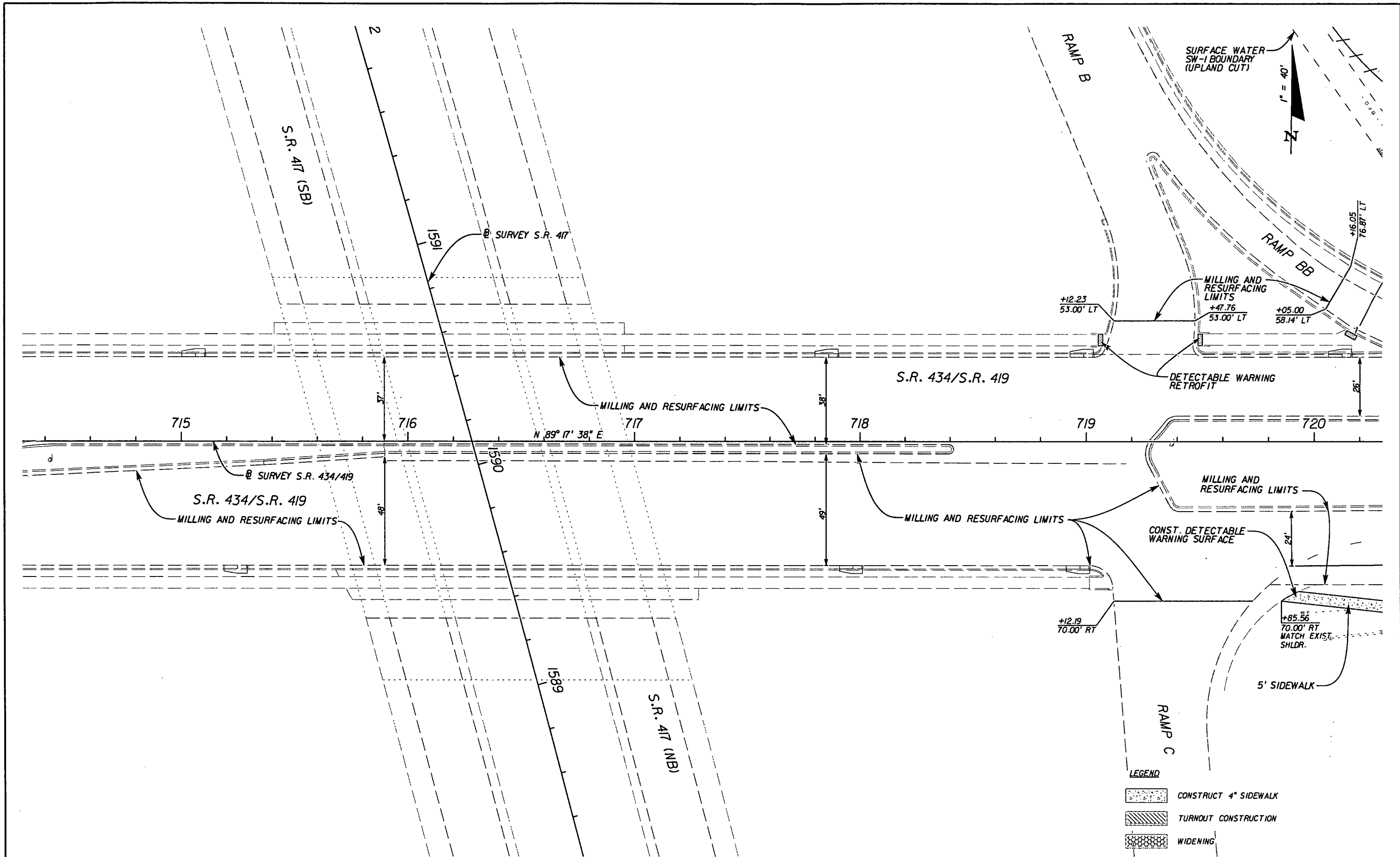


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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		



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615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

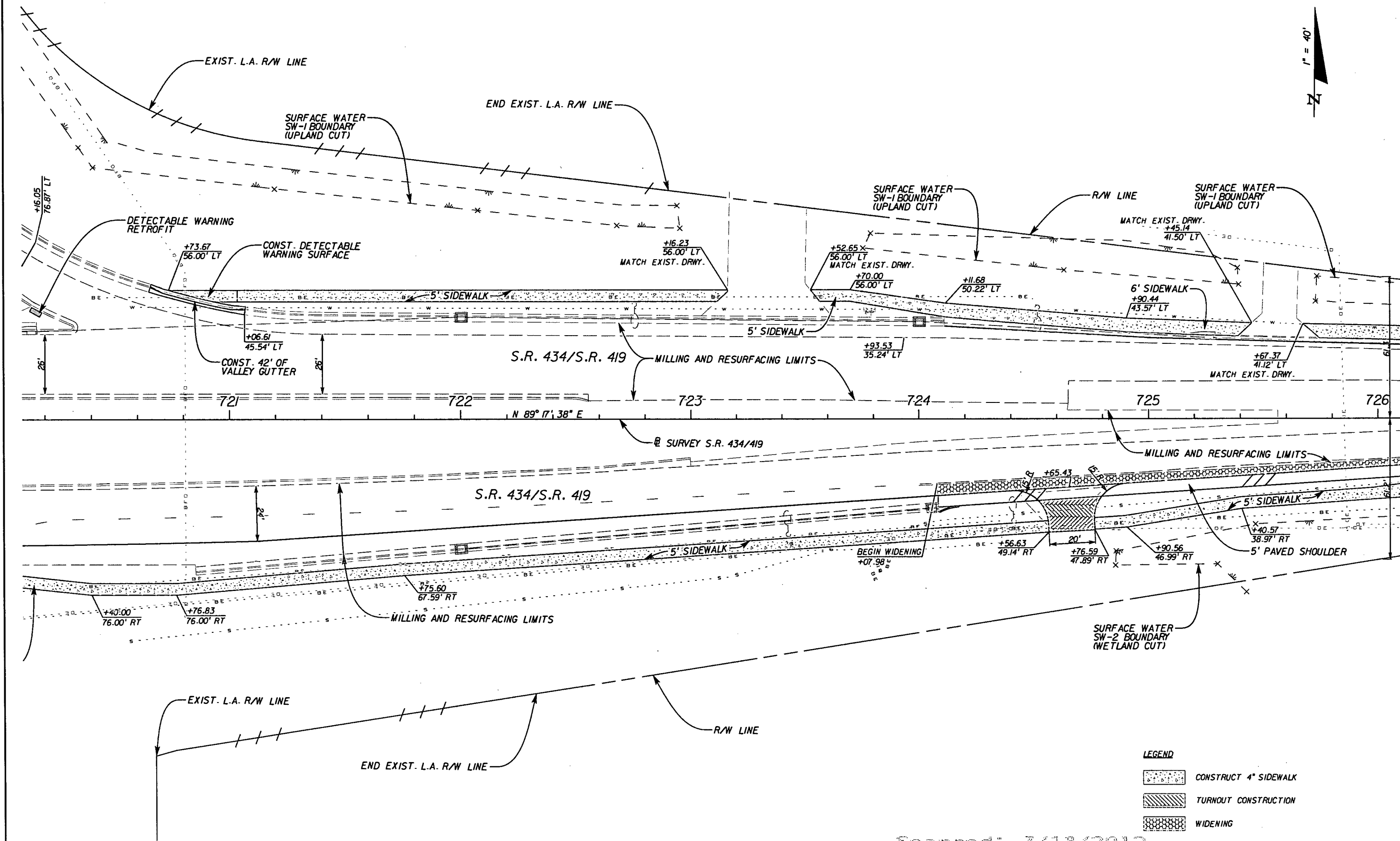
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REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

JOHNSON, MURPHY & THOMPSON

615 CRESCENT EXECUTIVE COURT, SUITE 106

LAKE WARY, FL 32746 PHONE 407-833-9898

CERTIFICATE OF AUTHORIZATION No.: 5917

434

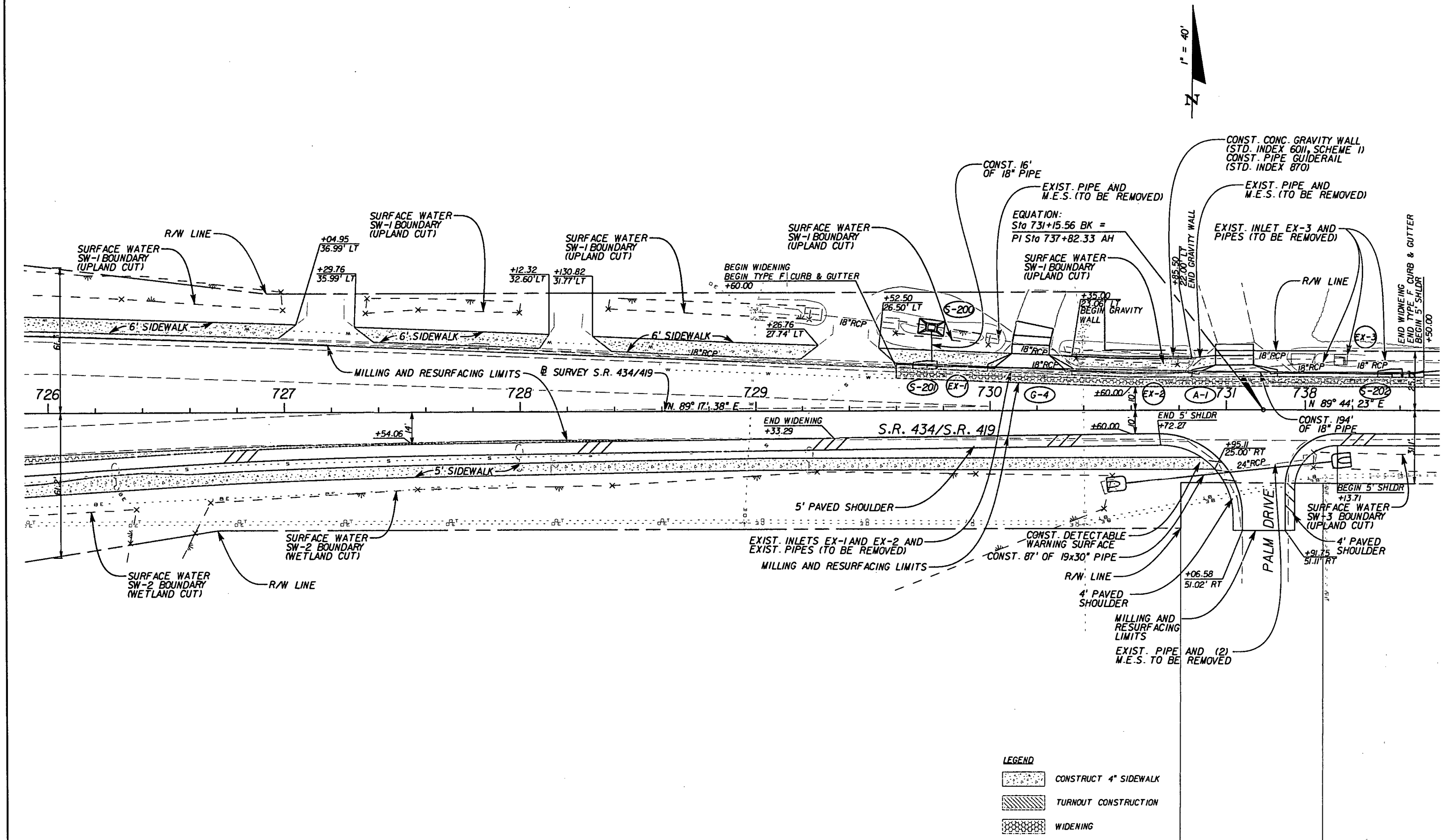
SEMINOLE

422015-1-52-01

18

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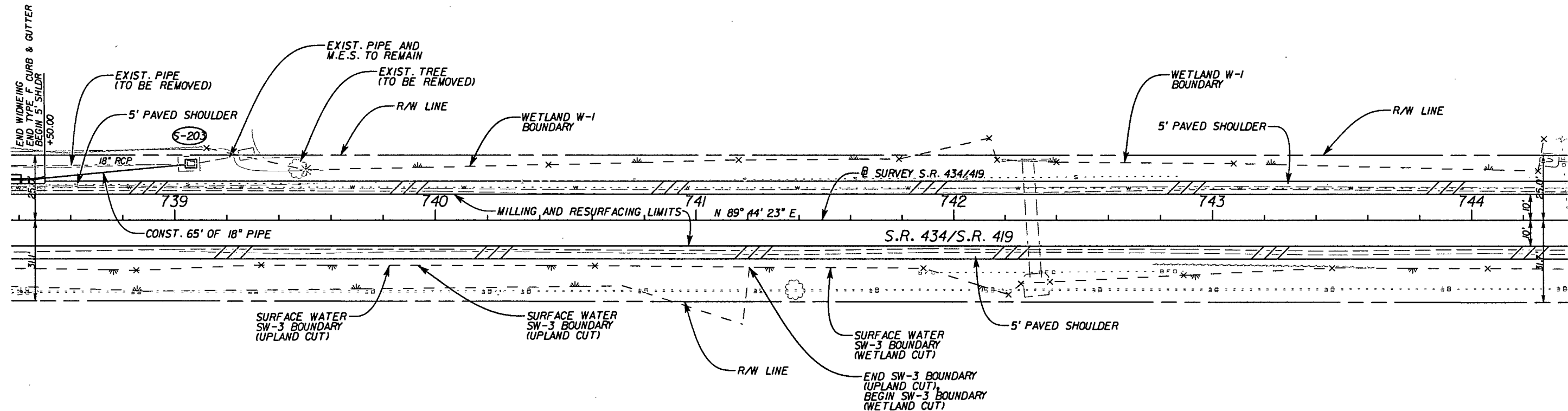
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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 19
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JOHNSON, MIRAMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012



LEGEND

- CONSTRUCT 4" SIDEWALK
- TURNOUT CONSTRUCTION
- WIDENING

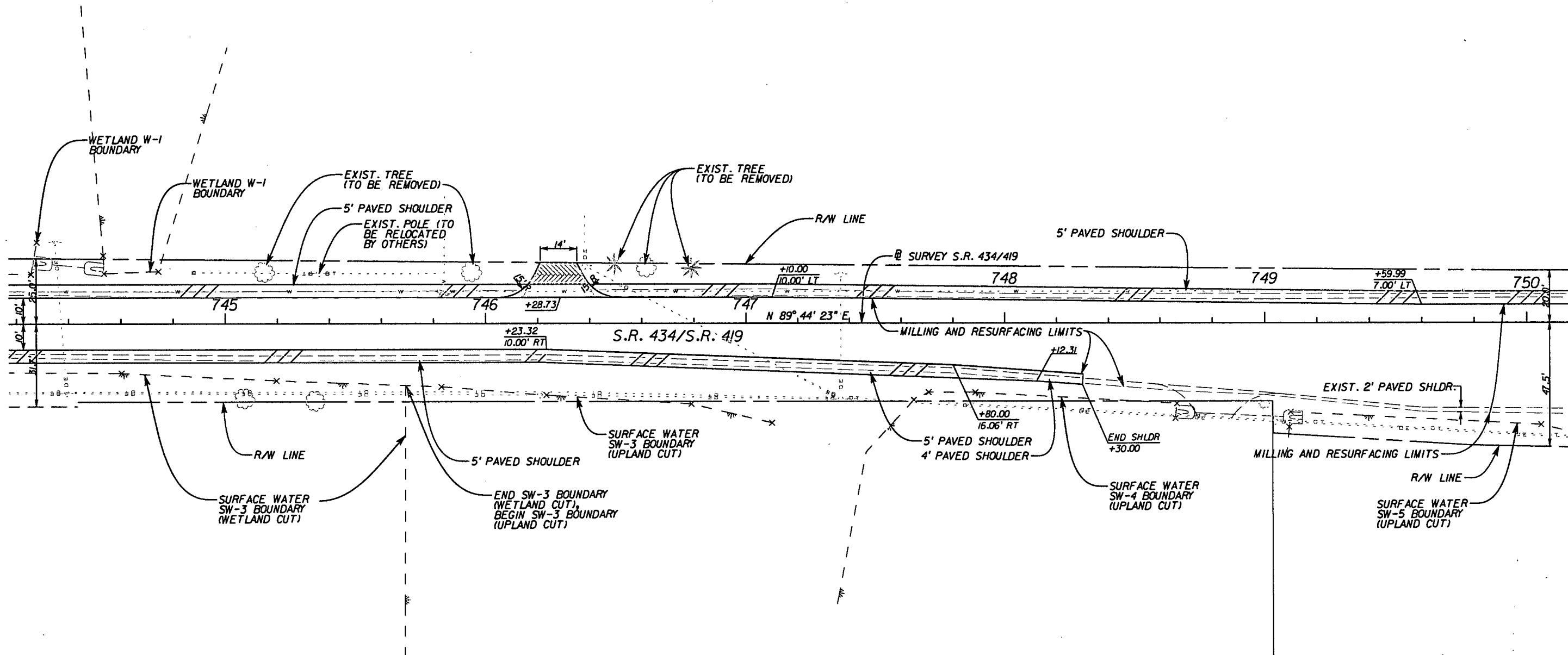
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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 20
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012



LEGEND

- CONSTRUCT 4" SIDEWALK
- TURNOUT CONSTRUCTION
- WIDENING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

JOHNSON, MIRMIRAN & THOMPSON

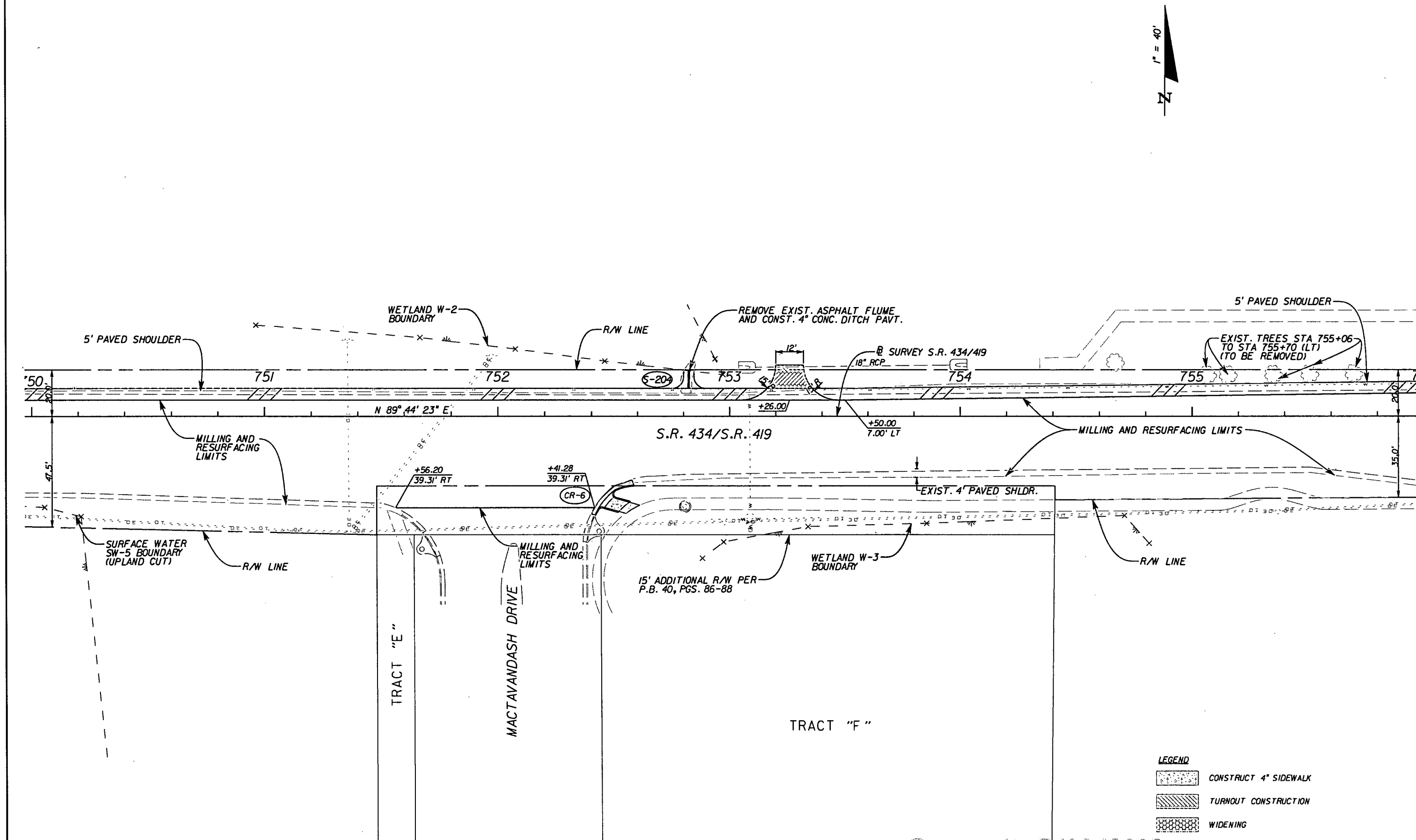
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

PLAN SHEET

SHEET NO.
21

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LEGEND	
	CONSTRUCT 4" SIDEWALK
	TURNOUT CONSTRUCTION
	WIDENING

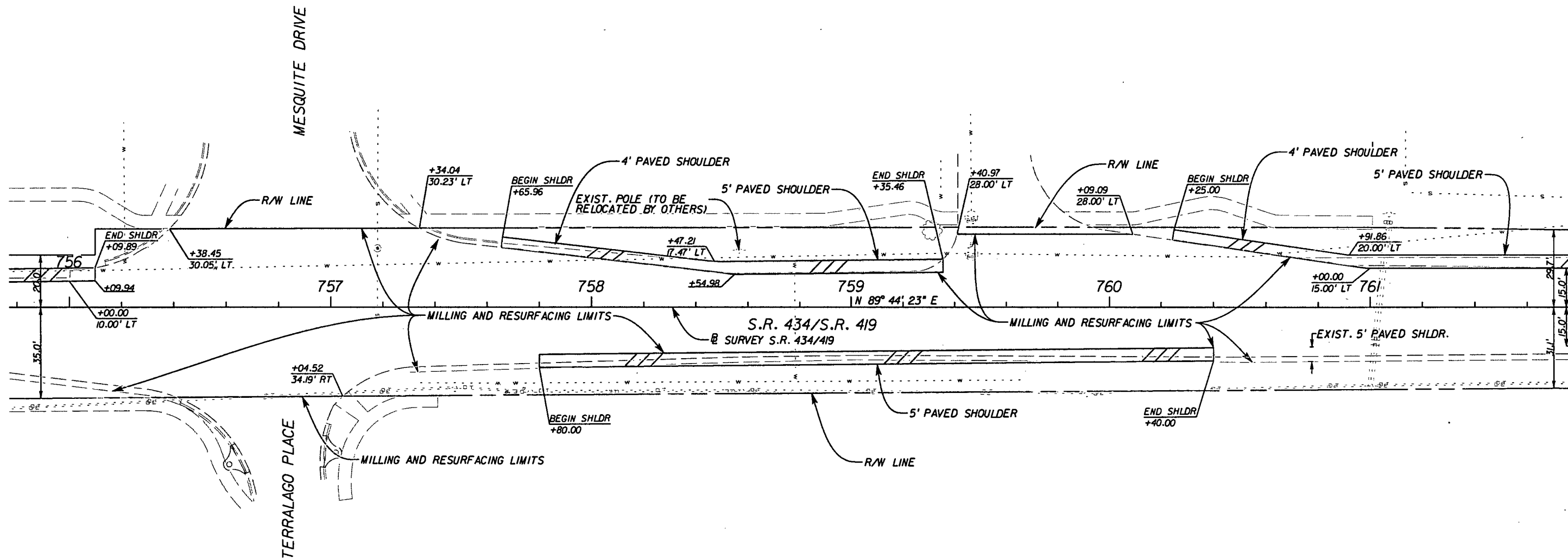
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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		22

USER: RODRIGUEZ 6/12/2012 2:22:49 PM Q:\LMFL\DOT\Projects\080906_002_SR434_Divided\42201515201\roadway\PLANR016.dgn

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S:\RWM\MD: mpacheco 40-117-131032-1 7/17/2012

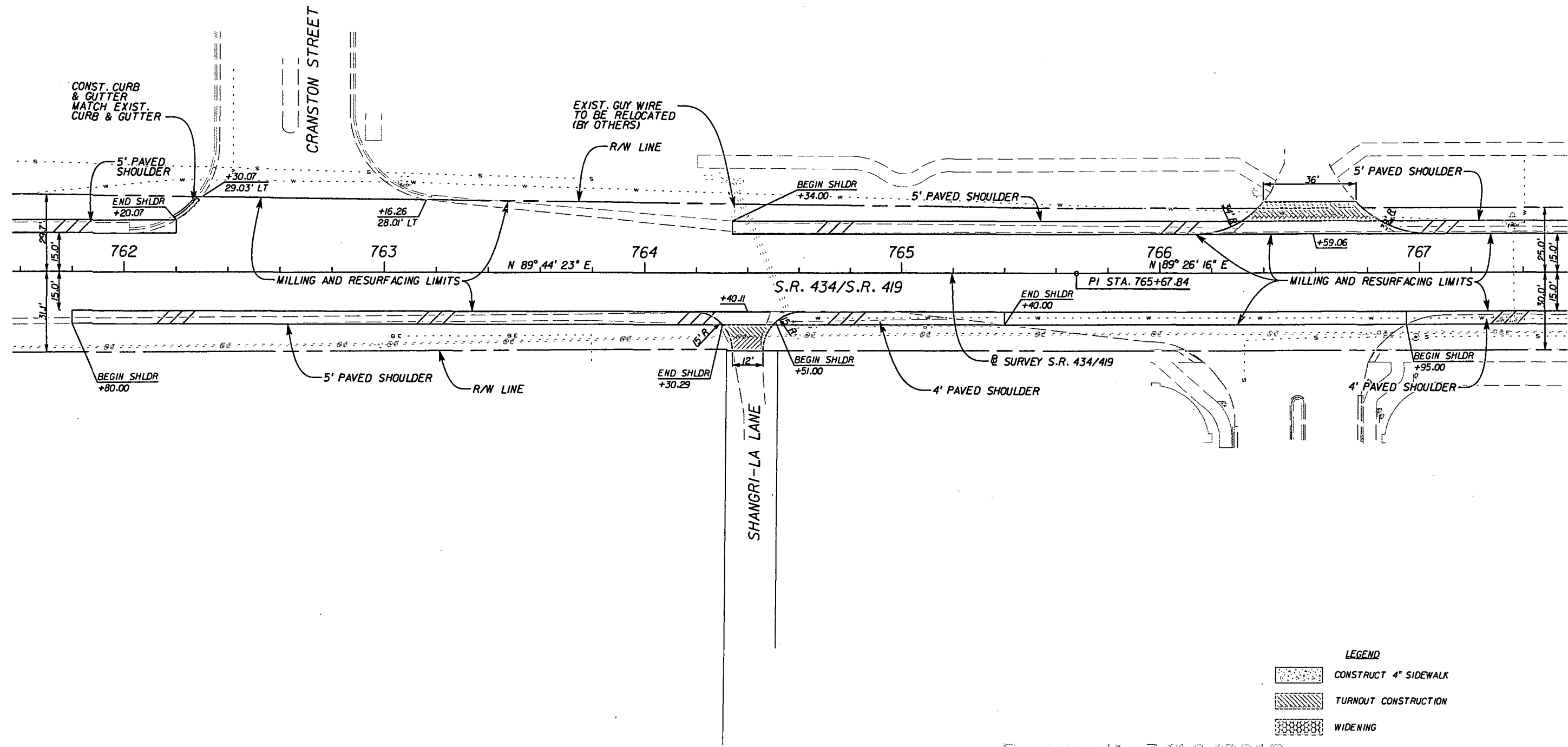


LEGEND	
	CONSTRUCT 4' SIDEWALK
	TURNOUT CONSTRUCTION
	WIDENING

REVISIONS						MATTHEW S. STEEN, P.E. (No. 604071)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		23

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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- LEGEND
- CONSTRUCT 4" SIDEWALK
 - TURNOUT CONSTRUCTION
 - WIDENING

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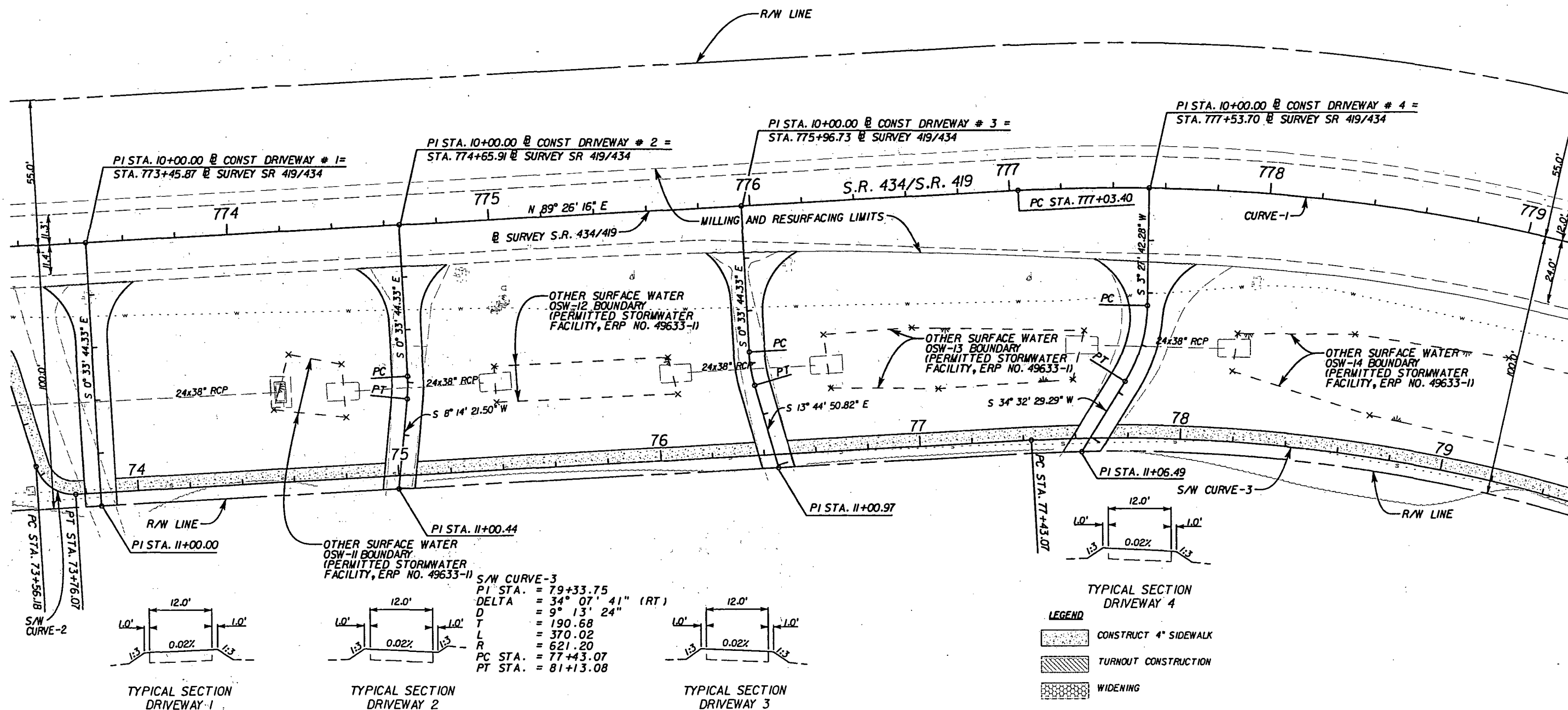
REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO.			
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
							434	SEMINOLE	422015-1-52-01		24			
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	<i>PLAN SHEET</i>	SHEET NO.
		25

CURVE-1
PI STA. = 784+19.09
DELTA = 89° 57' 34" (RT)
D = 8° 00' 00"
T = 715.69
L = 1,124.50
R = 716.20
PC STA. = 777+03.40
PT STA. = 788+27.89
e = 0.084



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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60-407)

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615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

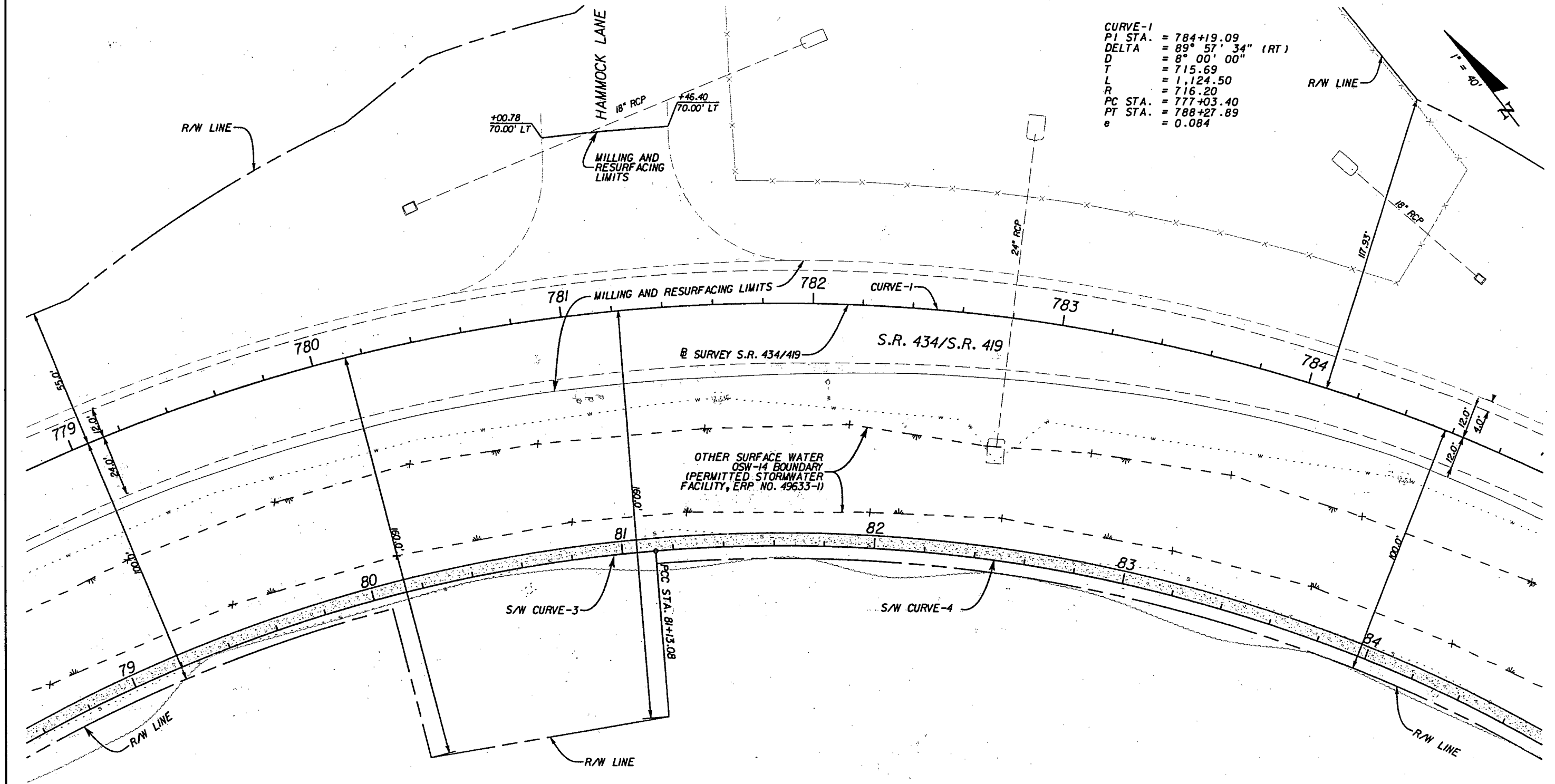
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

PLAN SHEET

SHEET
NO.

26

SJRWMD: mpacheco 40-117-131032-1 7/17/2012



CURVE-1
PI STA. = 784+19.09
DELTA = 89° 57' 34" (RT)
D = 8° 00' 00"
T = 715.69
L = 1,124.50
R = 716.20
PC STA. = 777+03.40
PT STA. = 788+27.89
e = 0.084

S/W CURVE-3
PI STA. = 79+33.75
DELTA = 34° 07' 41" (RT)
D = 9° 13' 24"
T = 190.68
L = 370.02
R = 621.20
PC STA. = 77+43.07
PCC STA. = 81+13.08

S/W CURVE-4
PI STA. = 84+42.21
DELTA = 55° 49' 53" (RT)
D = 9° 13' 24"
T = 329.13
L = 605.32
R = 621.20
PCC STA. = 81+13.08
PT STA. = 87+18.40

LEGEND

- CONSTRUCT 4" SIDEWALK
- TURNOUT CONSTRUCTION
- WIDENING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)
JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

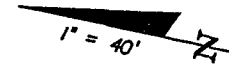
PLAN SHEET

SHEET
NO.
27

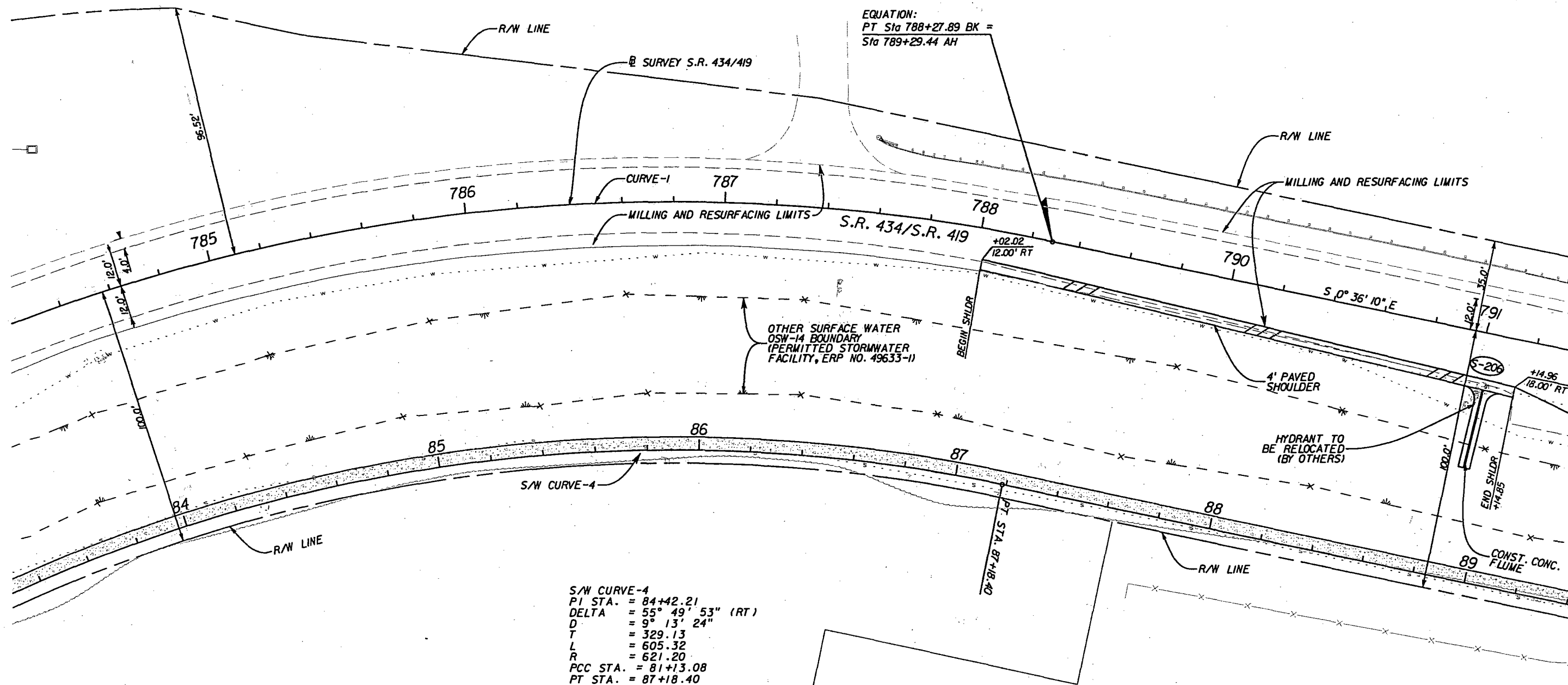
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S:\RWMD\mpacheco 40-117-131032-1 7/17/2012

CURVE-1
PI STA. = 784+19.09
DELTA = 89° 57' 34" (RT)
D = 8° 00' 00"
T = 715.69
L = 1,124.50
R = 716.20
PC STA. = 777+03.40
PT STA. = 788+27.89
e = 0.084



EQUATION:
PT Sta 788+27.89 BK =
Sta 789+29.44 AH



OTHER SURFACE WATER
OSW-14 BOUNDARY
(PERMITTED STORMWATER
FACILITY, ERP NO. 49633-1)

HYDRANT TO
BE RELOCATED
(BY OTHERS)

S/W CURVE-4
PI STA. = 84+42.21
DELTA = 55° 49' 53" (RT)
D = 9° 13' 24"
T = 329.13
L = 605.32
R = 621.20
PCC STA. = 81+13.08
PT STA. = 87+18.40

LEGEND

- CONSTRUCT 4" SIDEWALK
- TURNOUT CONSTRUCTION
- WIDENING

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REVISIONS						DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION													
														434	SEMINOLE	422015-1-52-01		28

JOHNSON, MURPHY & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

USER: RODRIGUEZ

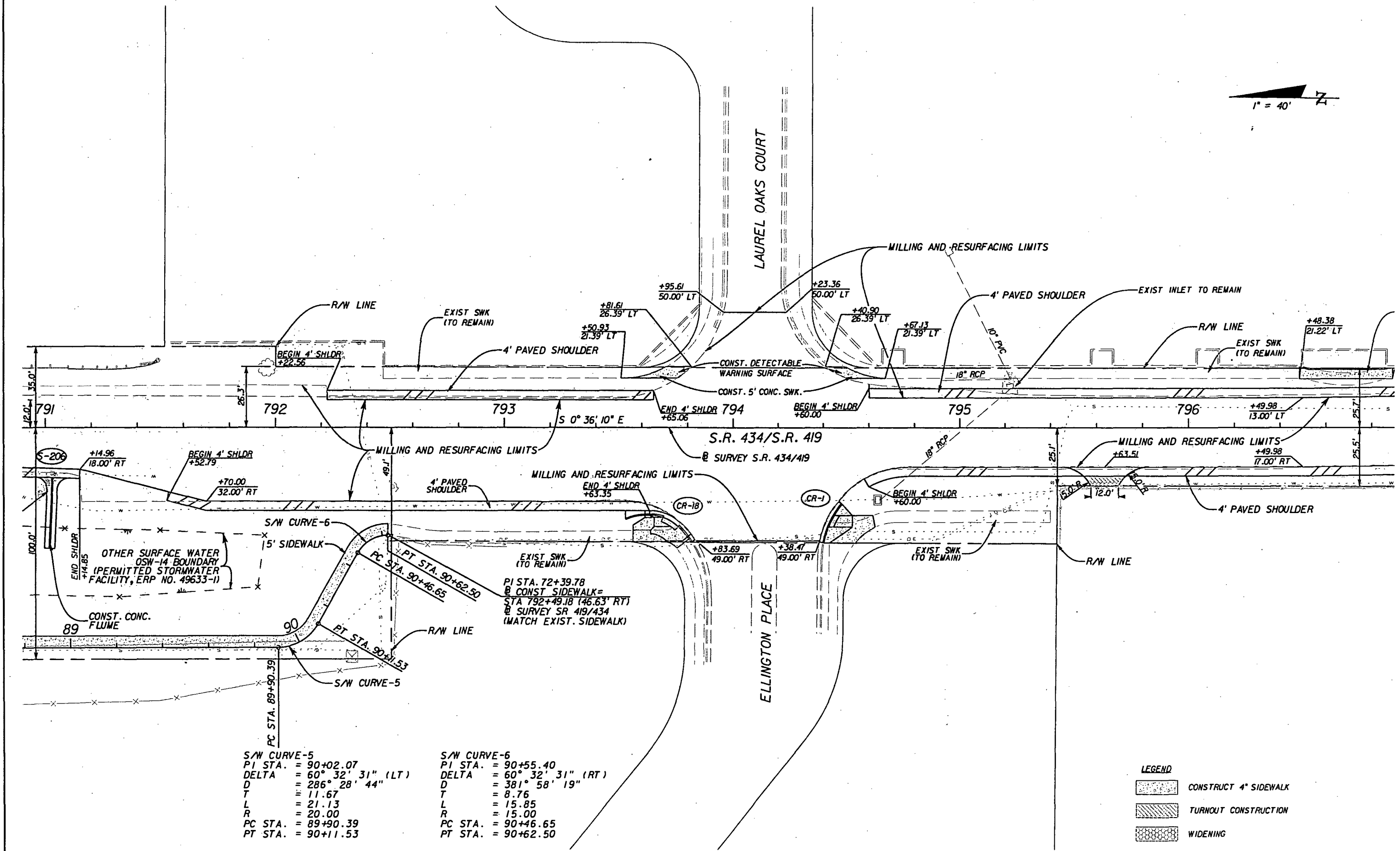
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S:\RWMD\mpacheco 40-117-131032-1 7/17/2012



S/W CURVE-5		S/W CURVE-6	
PI STA.	= 90+02.07	PI STA.	= 90+55.40
DELTA	= 60° 32' 31" (LT)	DELTA	= 60° 32' 31" (RT)
D	= 286° 28' 44"	D	= 381° 58' 19"
T	= 11.67	T	= 8.76
L	= 21.13	L	= 15.85
R	= 20.00	R	= 15.00
PC STA.	= 89+90.39	PC STA.	= 90+46.65
PT STA.	= 90+11.53	PT STA.	= 90+62.50

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746, PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

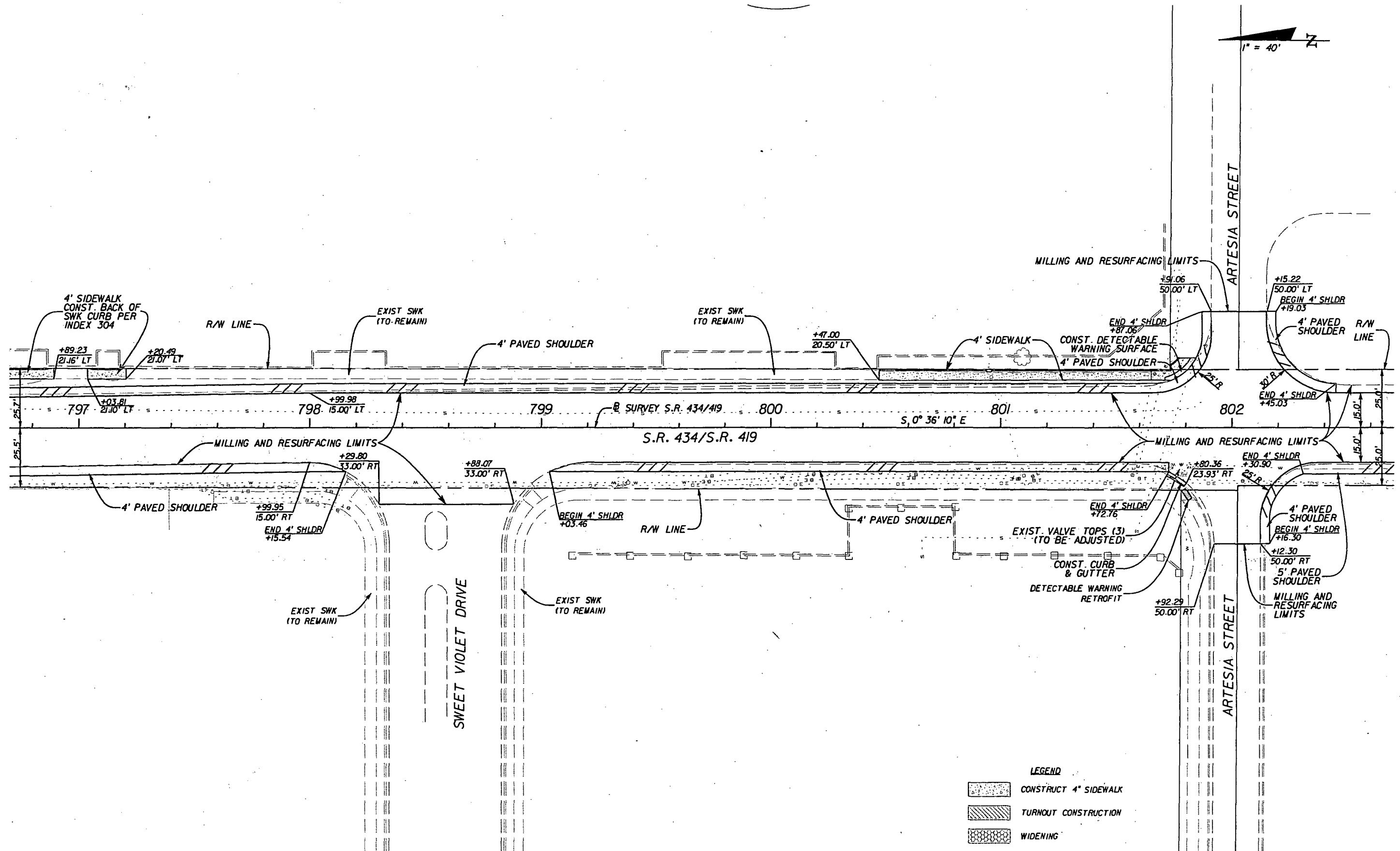
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

PLAN SHEET

SHEET NO. 29

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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	434	SEMINOLE	422015-1-52-01	30

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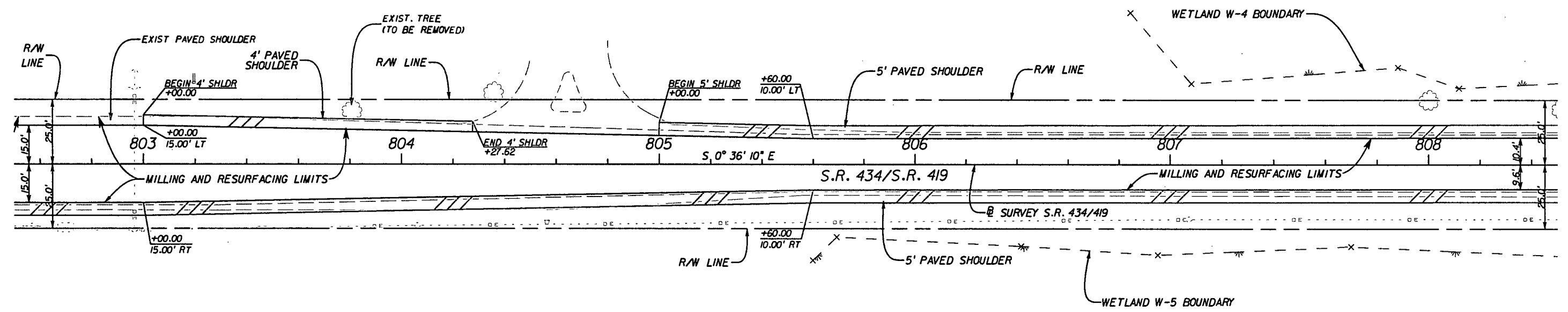
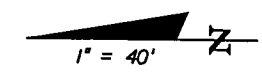
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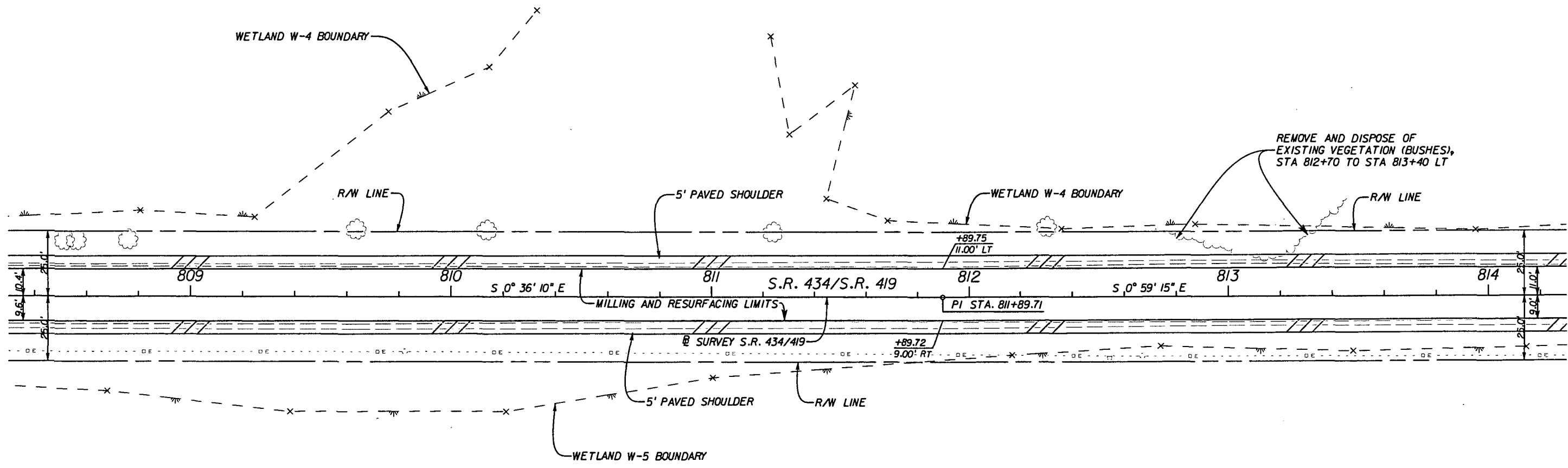
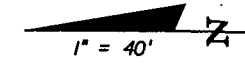
- LEGEND**
- CONSTRUCT 4" SIDEWALK
 - TURNOUT CONSTRUCTION
 - WIDENING

REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		31

JMPT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012



- LEGEND
- CONSTRUCT 4" SIDEWALK
 - TURNOUT CONSTRUCTION
 - WIDENING

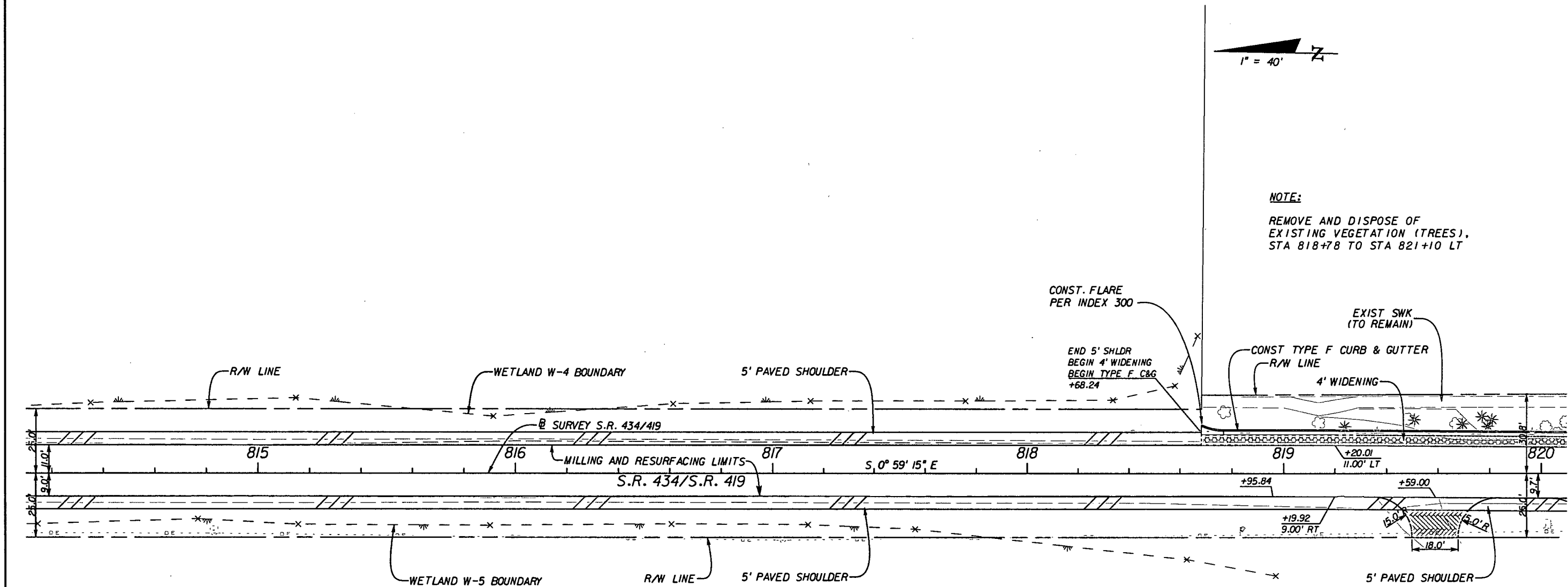
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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 32
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JOHNSON, MIRAMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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NOTE:
REMOVE AND DISPOSE OF
EXISTING VEGETATION (TREES),
STA 818+78 TO STA 821+10 LT

- LEGEND**
- CONSTRUCT 4" SIDEWALK
 - TURNOUT CONSTRUCTION
 - WIDENING

REVISIONS						MATTHEW S. STEEN, P.E. (No. 604071)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 33
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

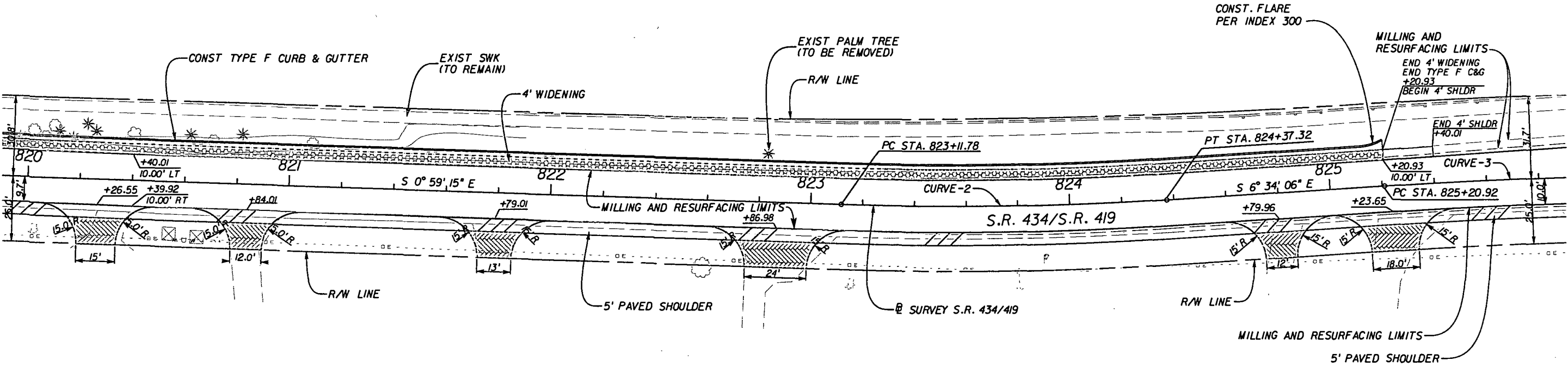
SJRWMMD: mpacheco 40-117-131032-1 7/17/2012

SWEETWATER CREEK CIRCLE

1" = 40' 

NOTE:
REMOVE AND DISPOSE OF
EXISTING VEGETATION (TREES),
STA 818+78 TO STA 821+10 LT

CURVE-2		CURVE-3	
PI STA.	= 823+74.60	PI STA.	= 826+48.50
DELTA	= 5° 34' 51" (LT)	DELTA	= 6° 34' 23" (RT)
D	= 4° 26' 44"	D	= 2° 34' 44"
T	= 62.82	T	= 127.58
L	= 125.54	L	= 254.88
R	= 1,288.84	R	= 2,221.70
PC STA.	= 823+11.78	PC STA.	= 825+20.92
PT STA.	= 824+37.32	PT STA.	= 827+75.80
e	= 0.055	e	= 0.034



LEGEND

	CONSTRUCT 4' SIDEWALK
	TURNOUT CONSTRUCTION
	WIDENING

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REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

JOHNSON, MIRMIRAN & THOMPSON

615 CRESCENT EXECUTIVE COURT, SUITE 106

LAKE MARY, FL 32746 PHONE 407-833-9898

CERTIFICATE OF AUTHORIZATION No.: 5917

434

SEMINOLE

422015-1-52-01

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34

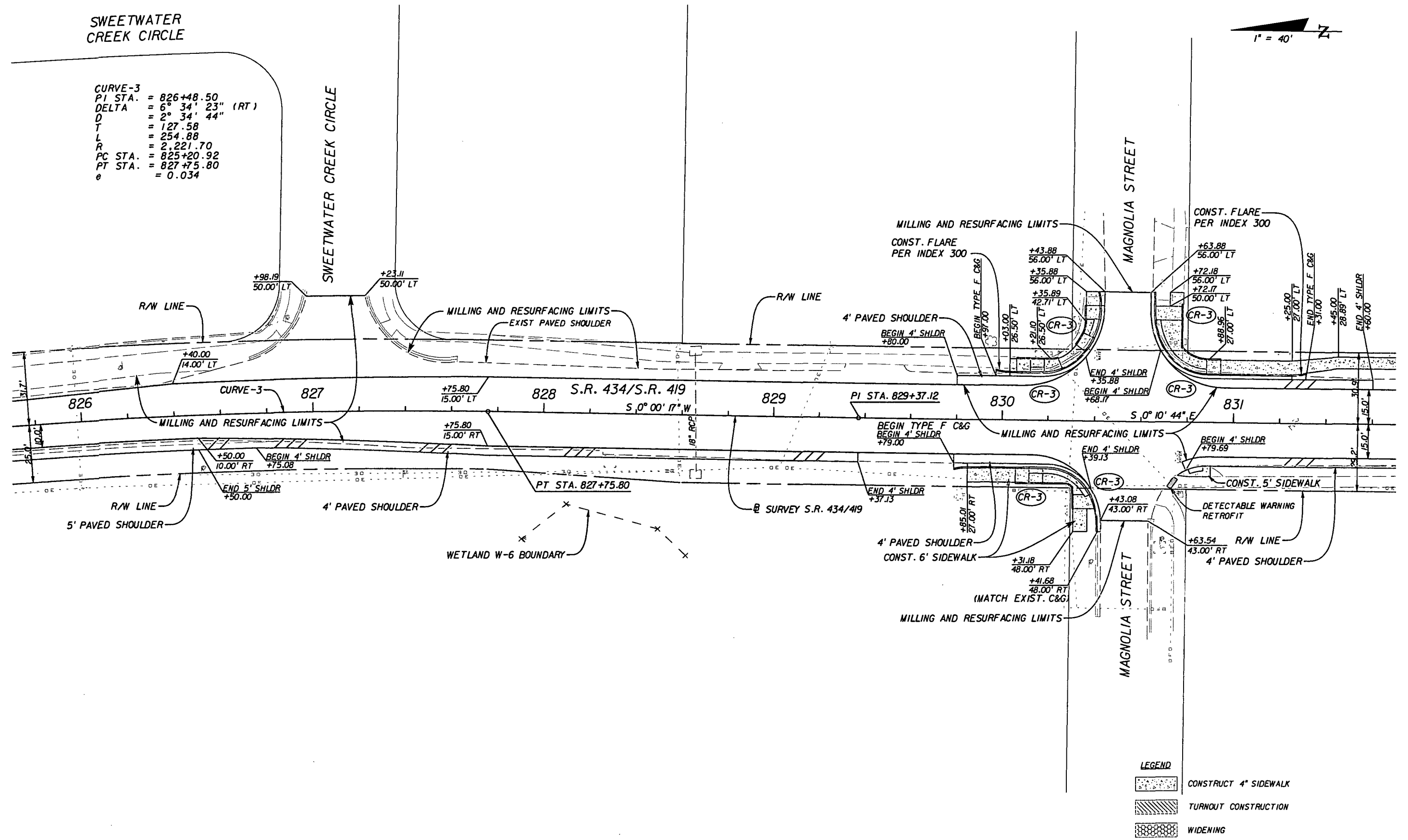
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SJRWMD: mpacheco 40-117-131032-1 7/17/2012

SWEETWATER CREEK CIRCLE

CURVE-3
PI STA. = 826+48.50
DELTA = 6° 34' 23" (RT)
D = 2° 34' 44"
T = 127.58
L = 254.88
R = 2,221.70
PC STA. = 825+20.92
PT STA. = 827+75.80
e = 0.034

1" = 40'



LEGEND

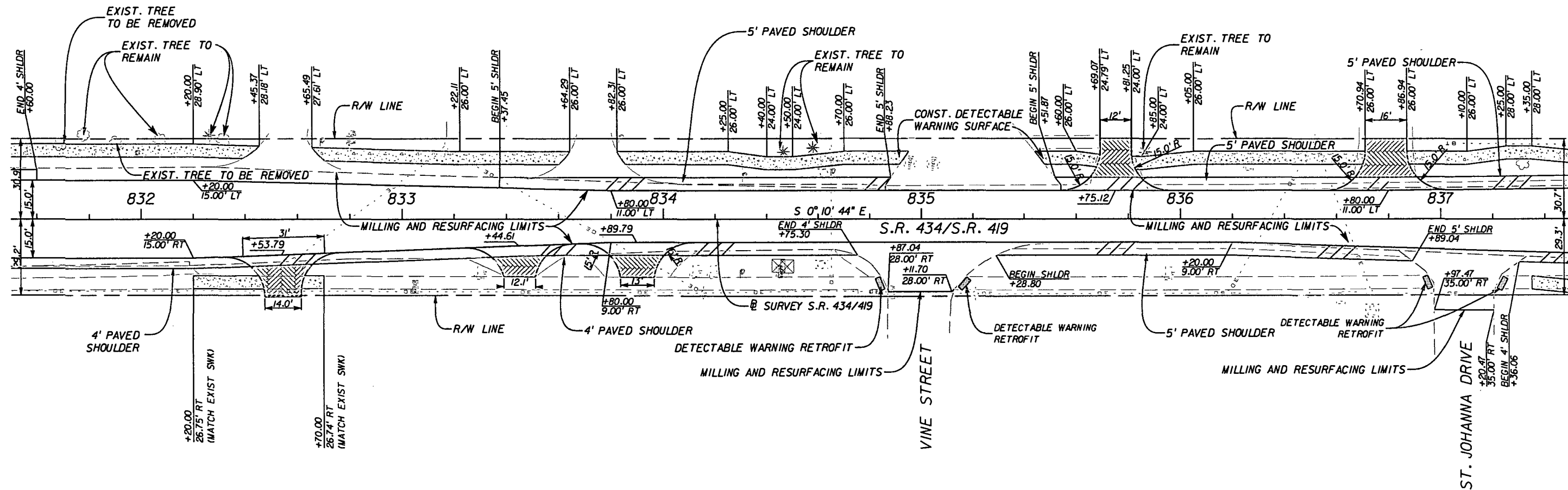
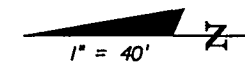
- CONSTRUCT 4" SIDEWALK
- TURNOUT CONSTRUCTION
- WIDENING

REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 35
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012



LEGEND	
	CONSTRUCT 4' SIDEWALK
	TURNOUT CONSTRUCTION
	WIDENING

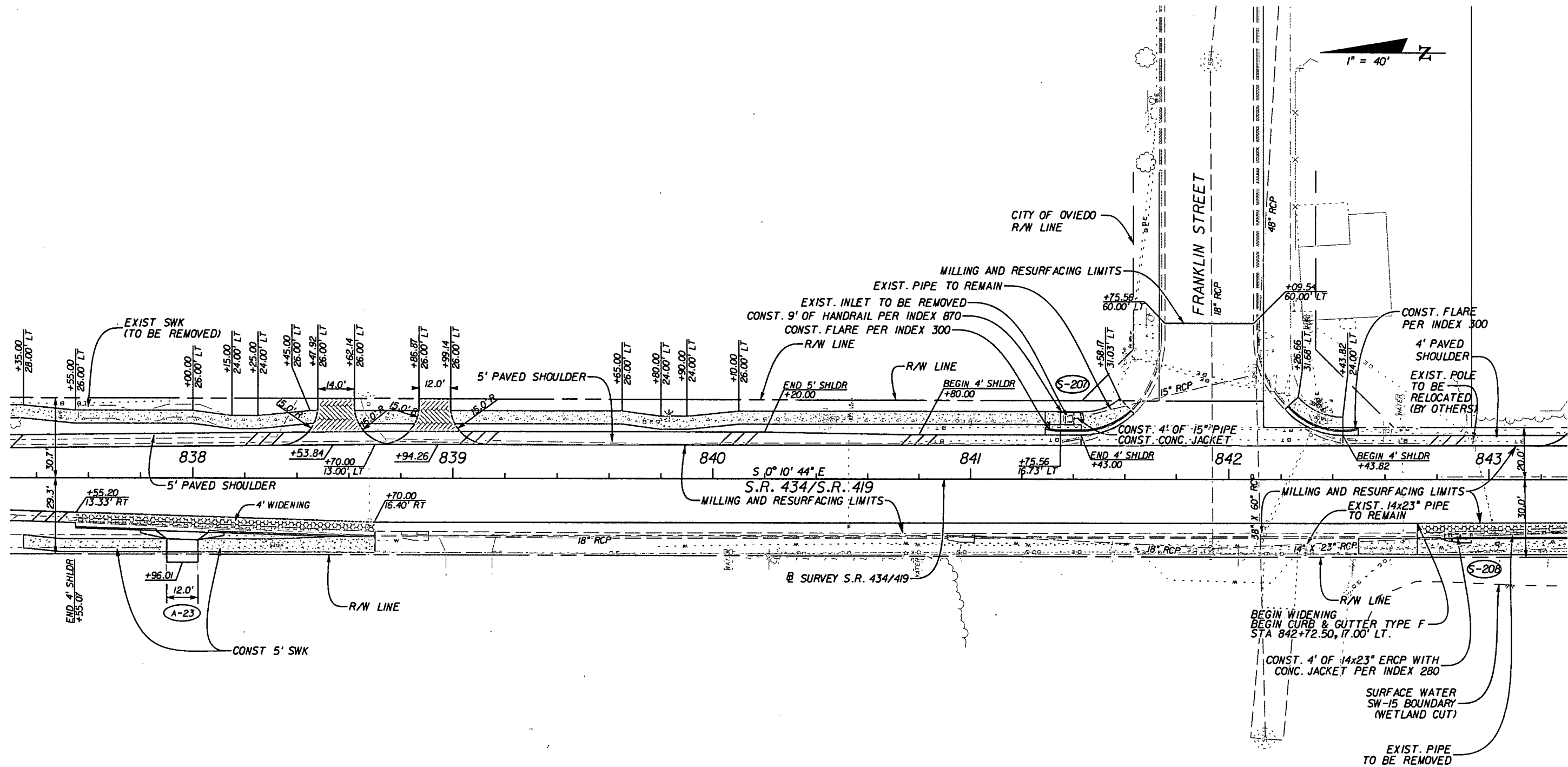
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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 36
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012



LEGEND

	CONSTRUCT 4' SIDEWALK
	TURNOUT CONSTRUCTION
	WIDENING

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

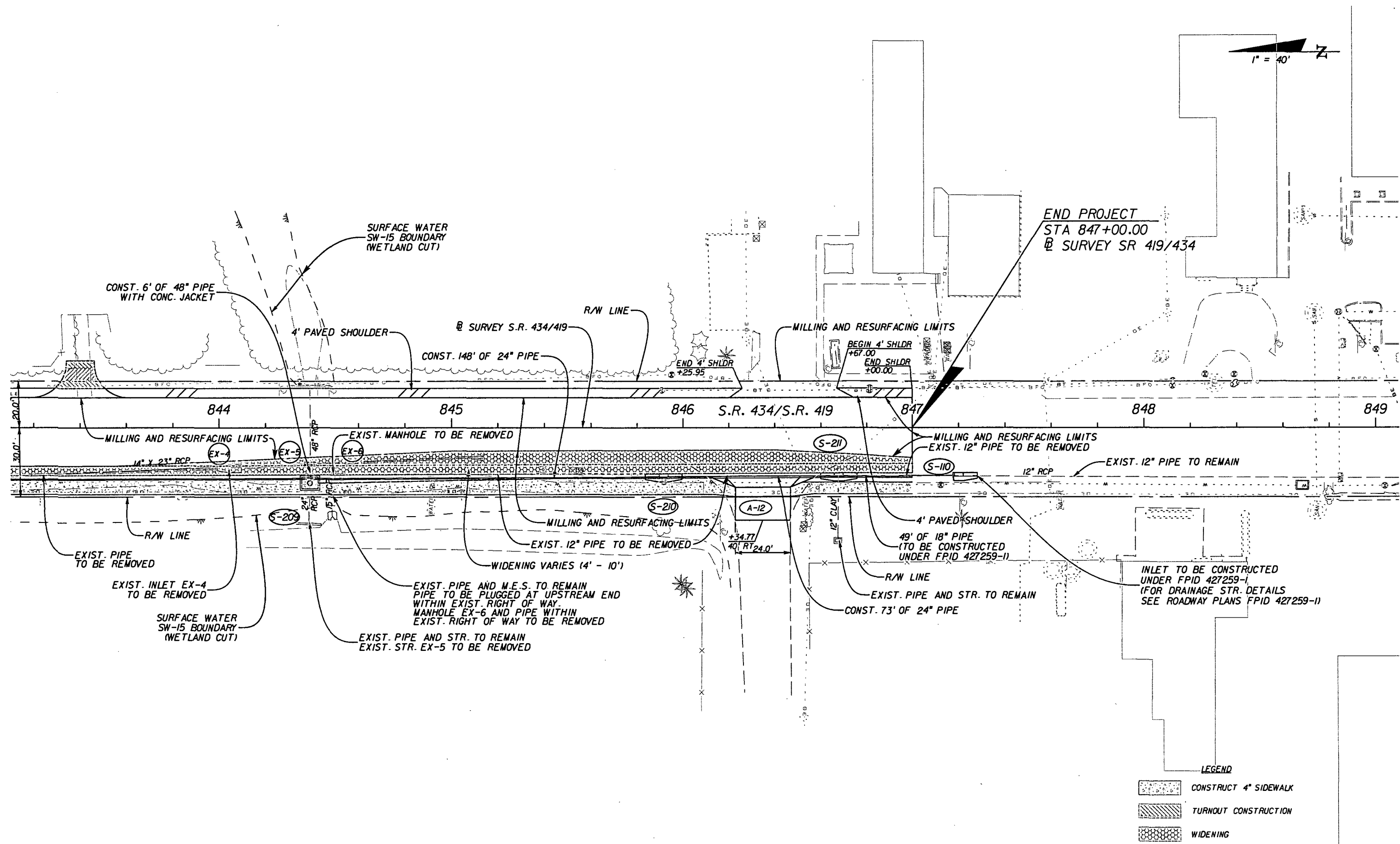
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

PLAN SHEET

SHEET NO. 37

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012



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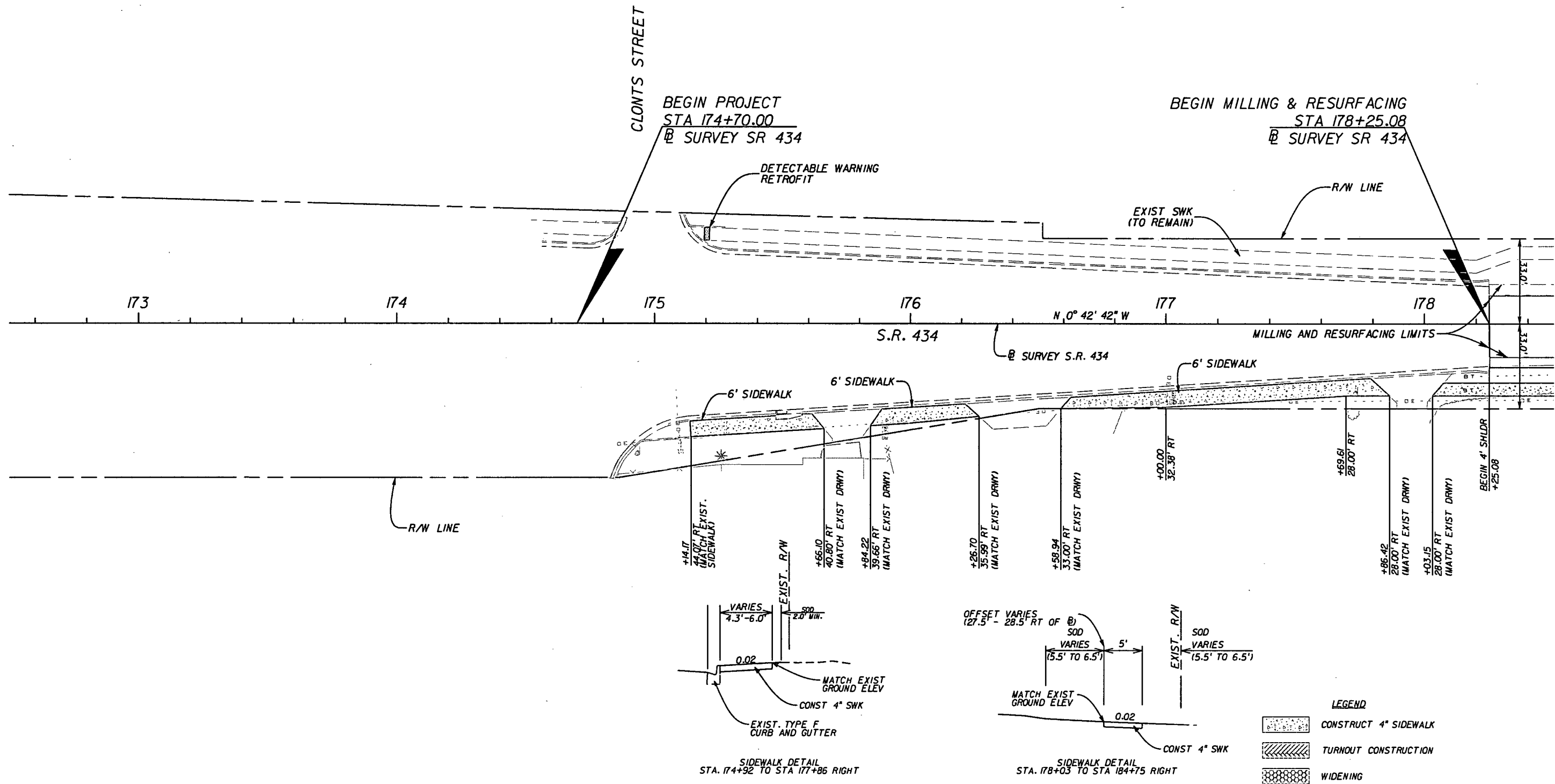
REVISIONS						SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	

Matthew S. Steen, P.E. (No. 60407) JMT JOHNSON, MIRNIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION <table><tr><td>ROAD NO.</td><td>COUNTY</td><td>FINANCIAL PROJECT ID</td></tr><tr><td>434</td><td>SEMINOLE</td><td>422015-1-52-01</td></tr></table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	434	SEMINOLE	422015-1-52-01	PLAN SHEET
ROAD NO.	COUNTY	FINANCIAL PROJECT ID						
434	SEMINOLE	422015-1-52-01						

Scanned: 7/18/2012

SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



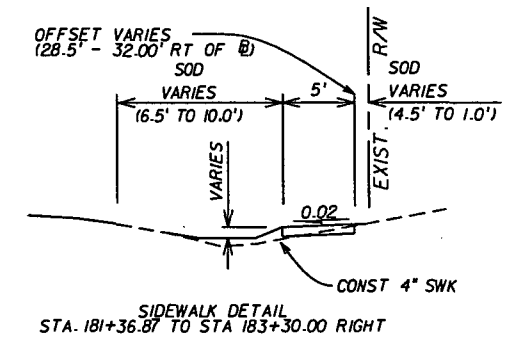
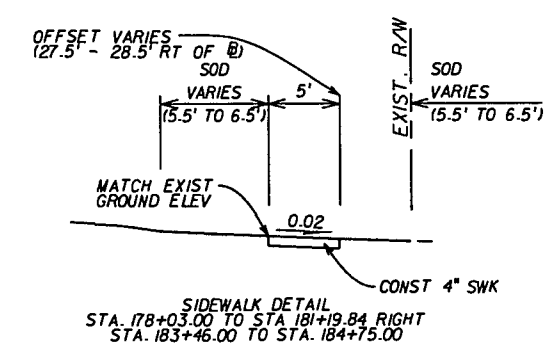
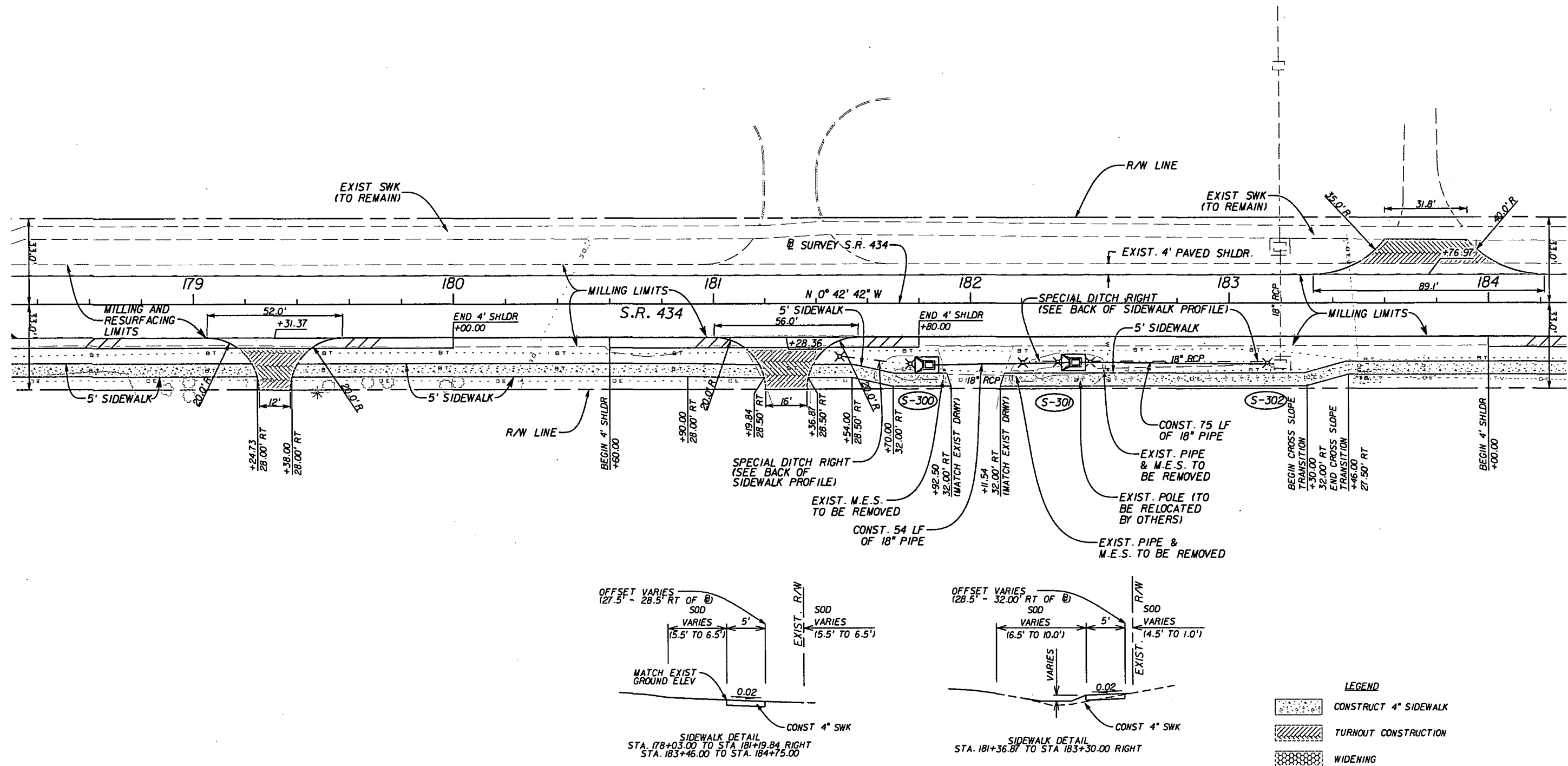
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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 39
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



- LEGEND
- CONSTRUCT 4" SIDEWALK
 - TURNOUT CONSTRUCTION
 - WIDENING

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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 40
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

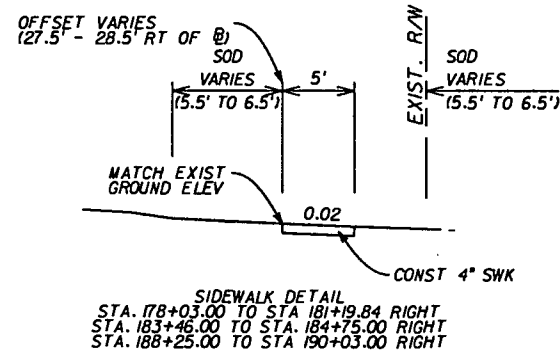
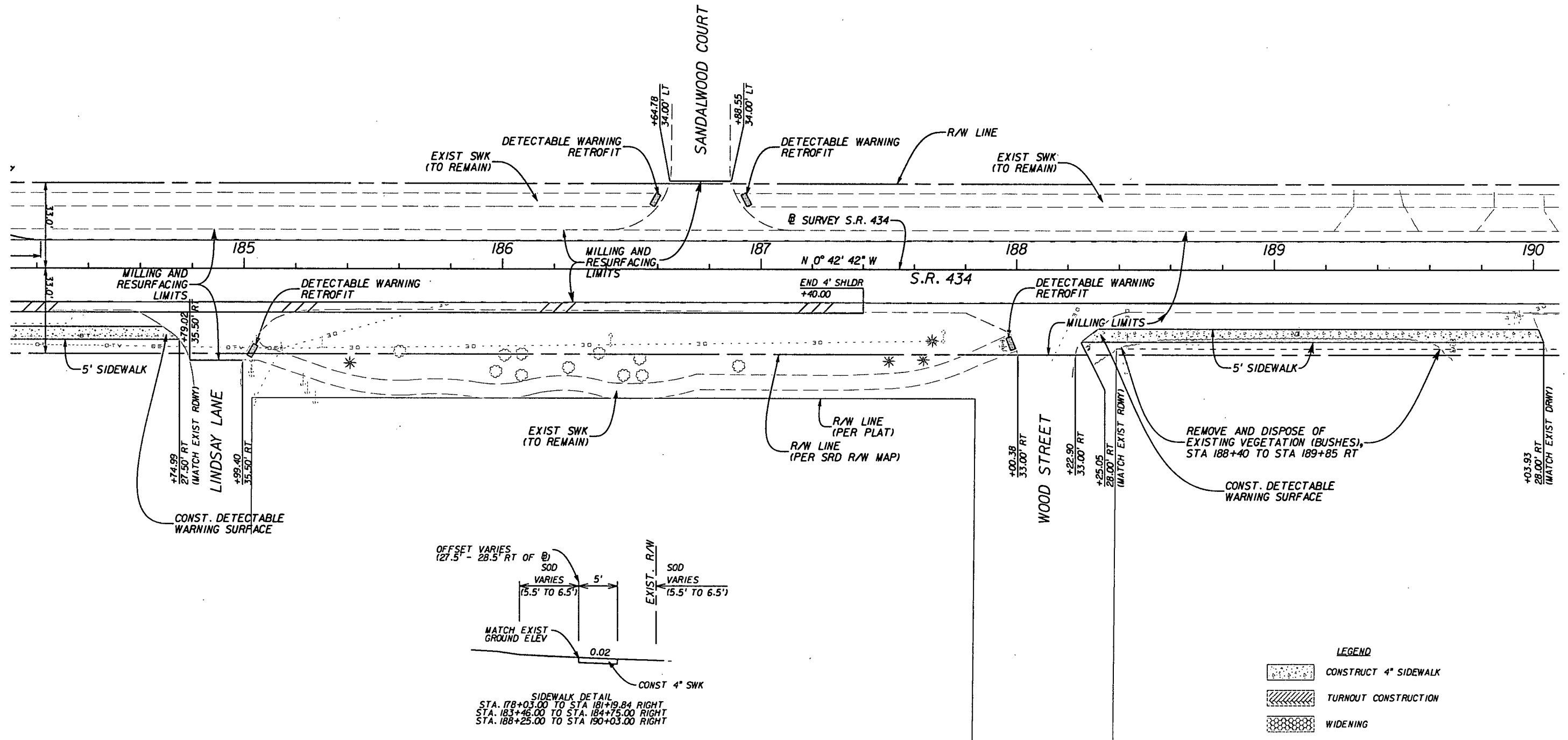
JOHNSON, MIRAMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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S:\RWMD\mpacheco 40-117-131032-1 7/17/2012

1" = 40'



REVISIONS						STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	PLAN SHEET	SHEET NO. 41
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			

MATTHEW S. STEEN, P.E. (No. 60407)

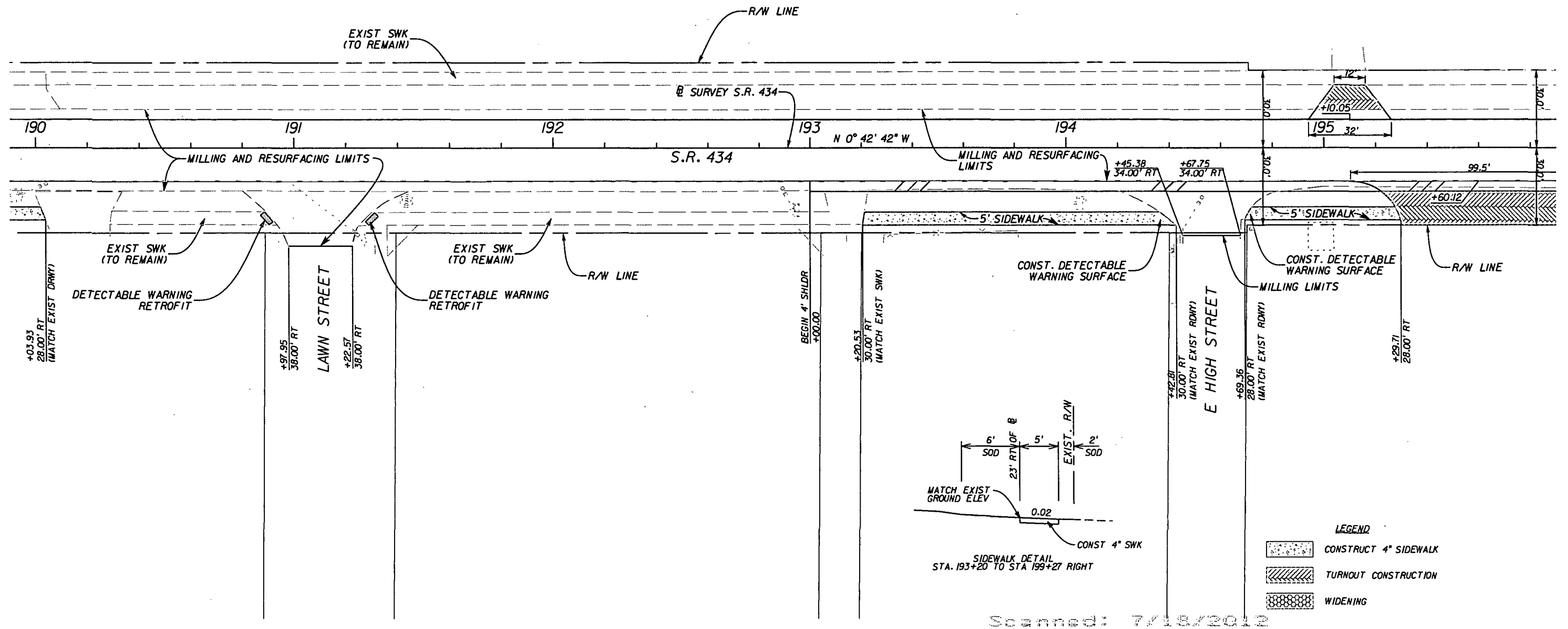
JMT
JOHNSON, MIRAMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



Scanned: 7/18/2012

REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 42
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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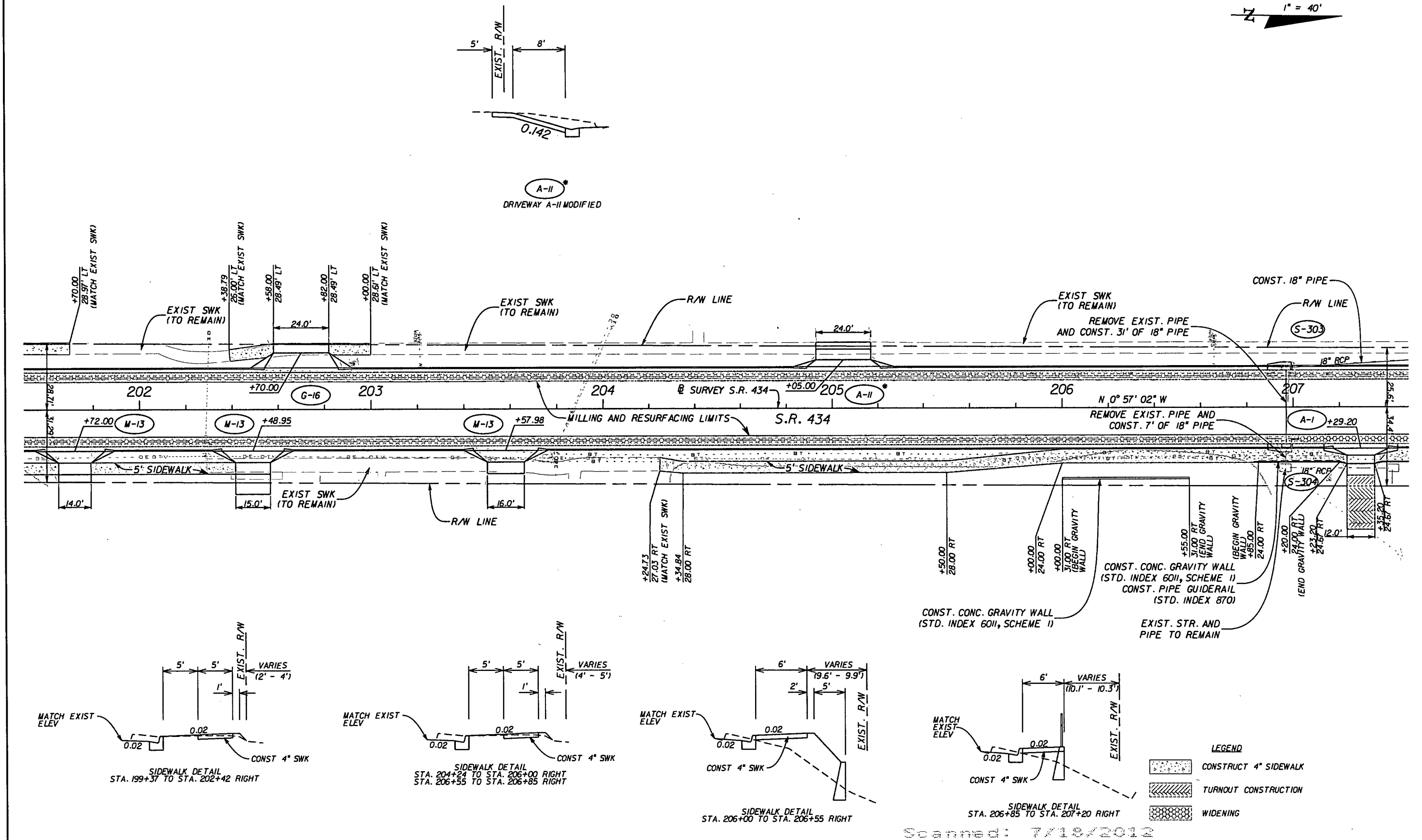
JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)  JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA			PLAN SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		DEPARTMENT OF TRANSPORTATION				43
							ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

SJRWMD: mpacheco 40-117-131032-1 7/17/2012

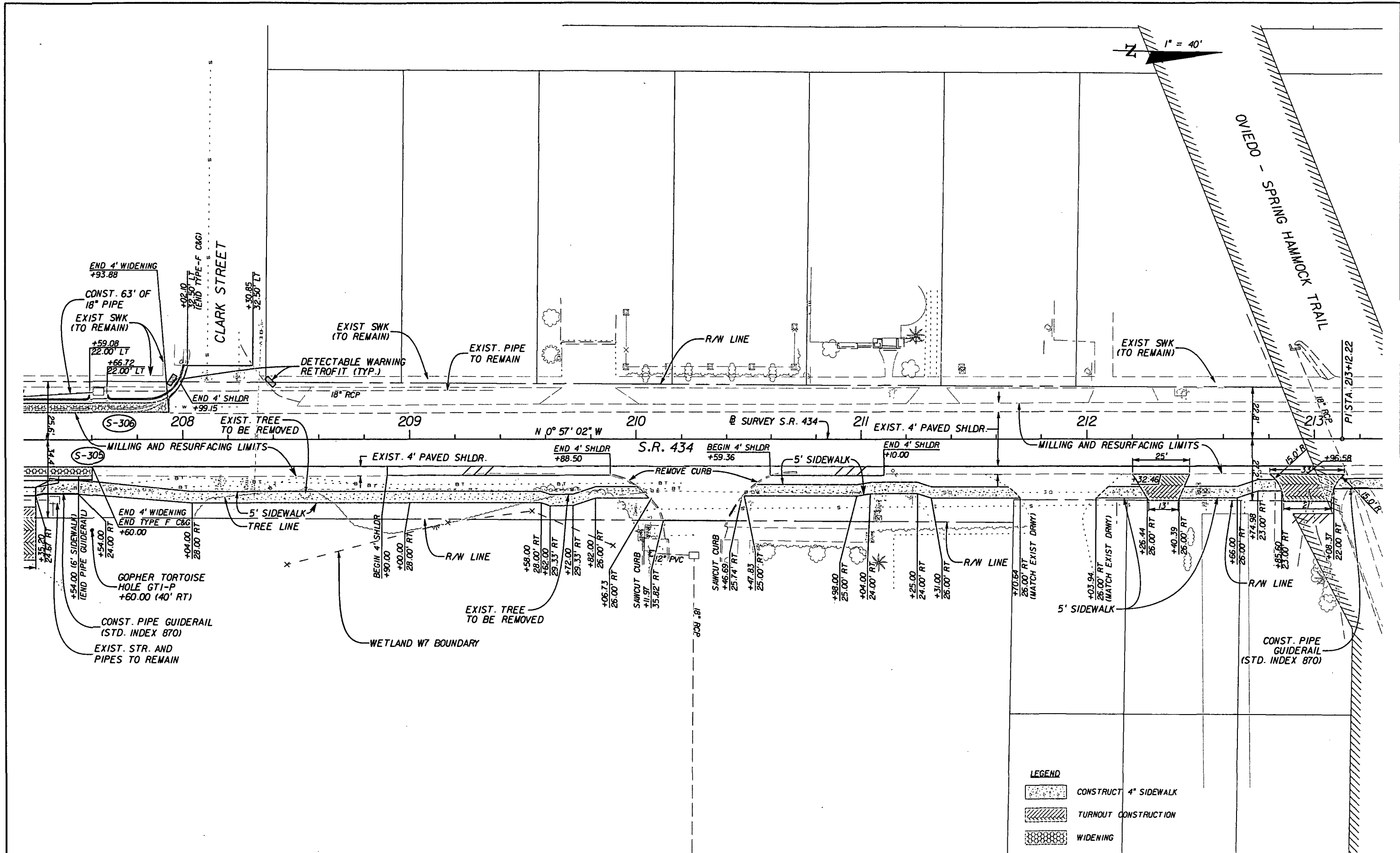


REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 44
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JOHNSON, MIRREMAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

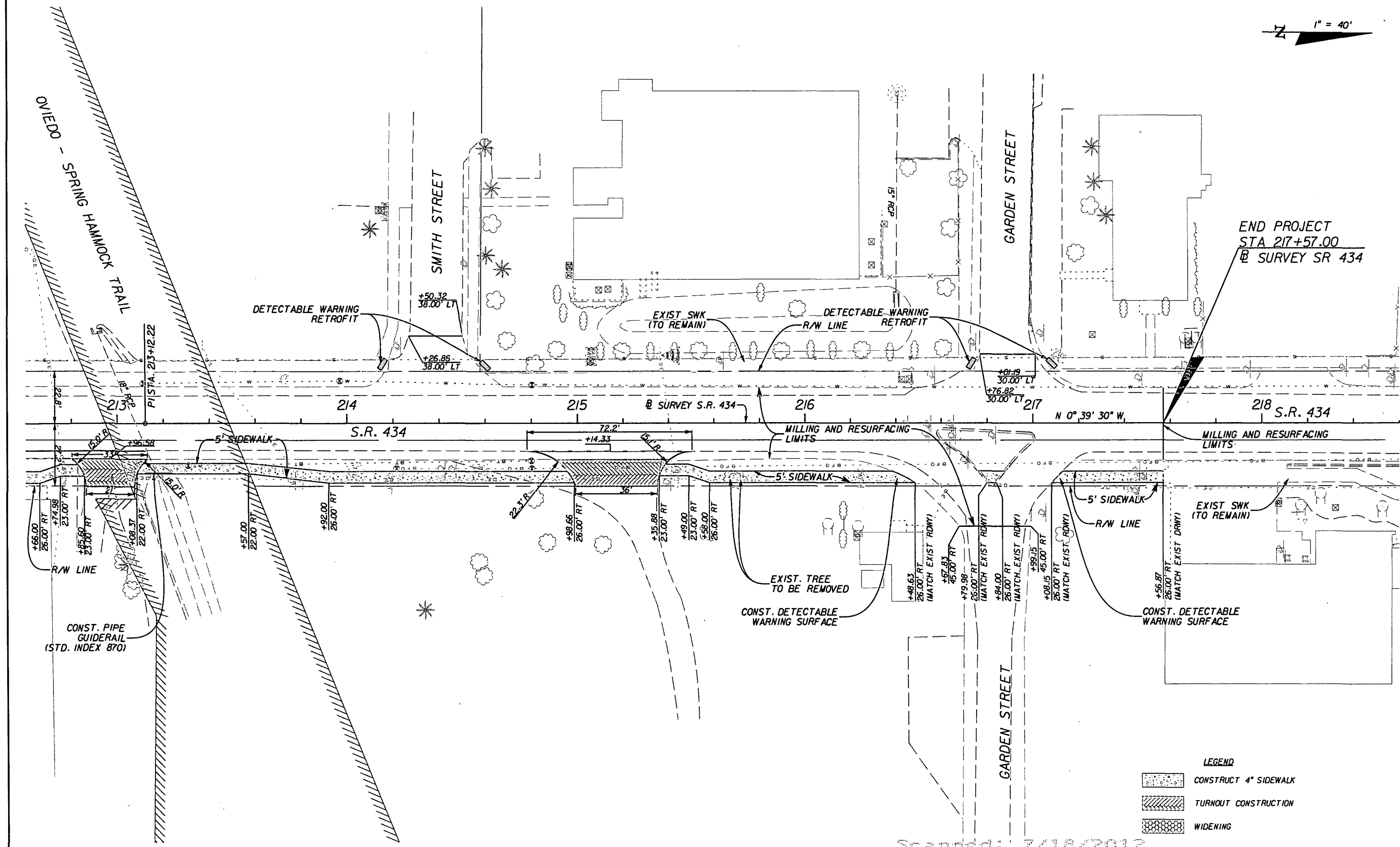
JOHNSON, MIRMIRAN & THOMPSON

615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

PLAN SHEET

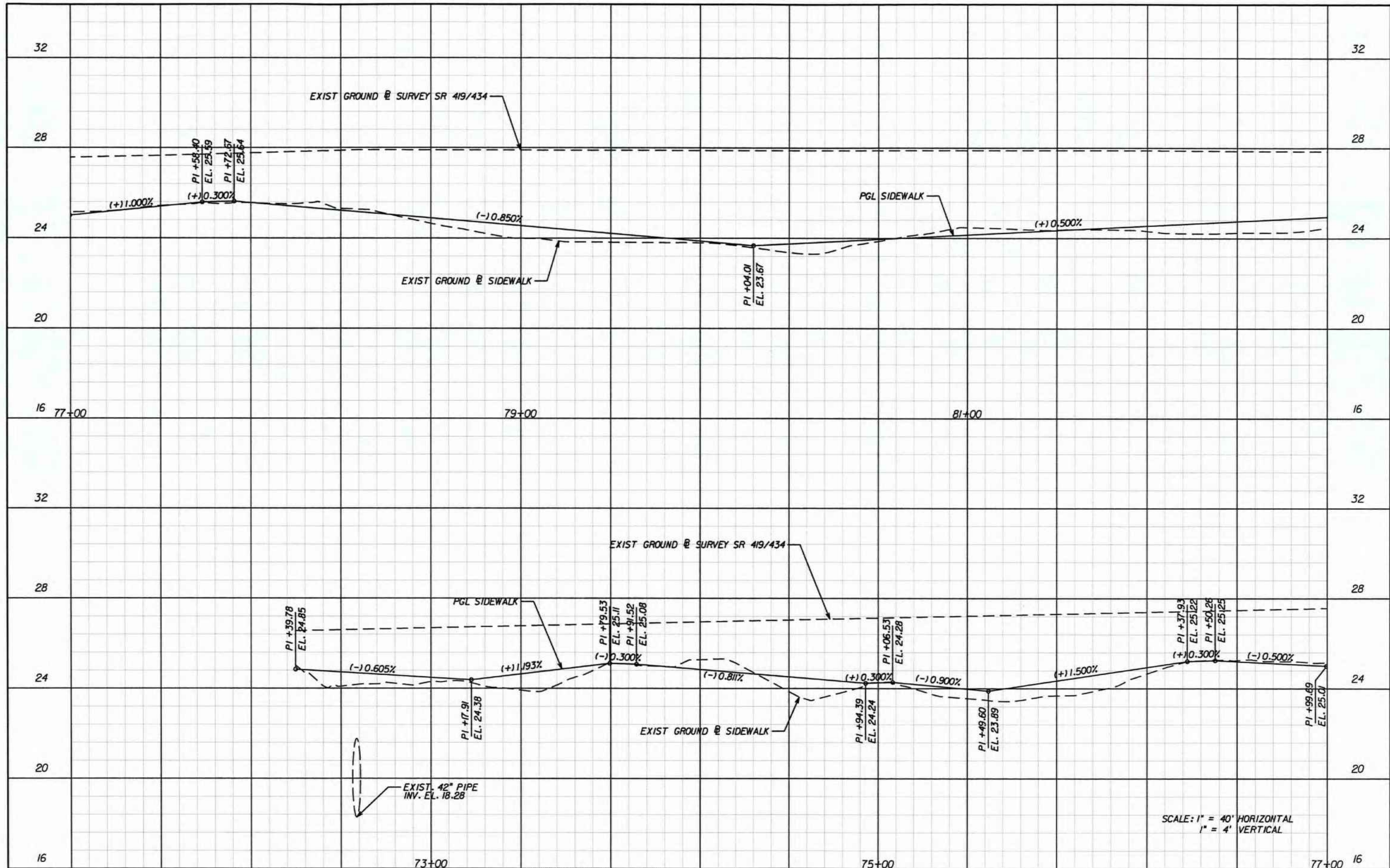
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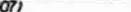


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REVISIONS						MATTHEW S. STEEN, P.E. (No. 60407)  JOHNSON, MIRMIRAN & THOMPSON 645 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET	SHEET NO. 46
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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S:\RWMD\mpacheco 40-117-131032-1 7/17/2012



REVISIONS				MATTHEW S. STEEN, P.E. (No. 60407)  JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA			BACK OF SIDEWALK	SHEET
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION				NO.
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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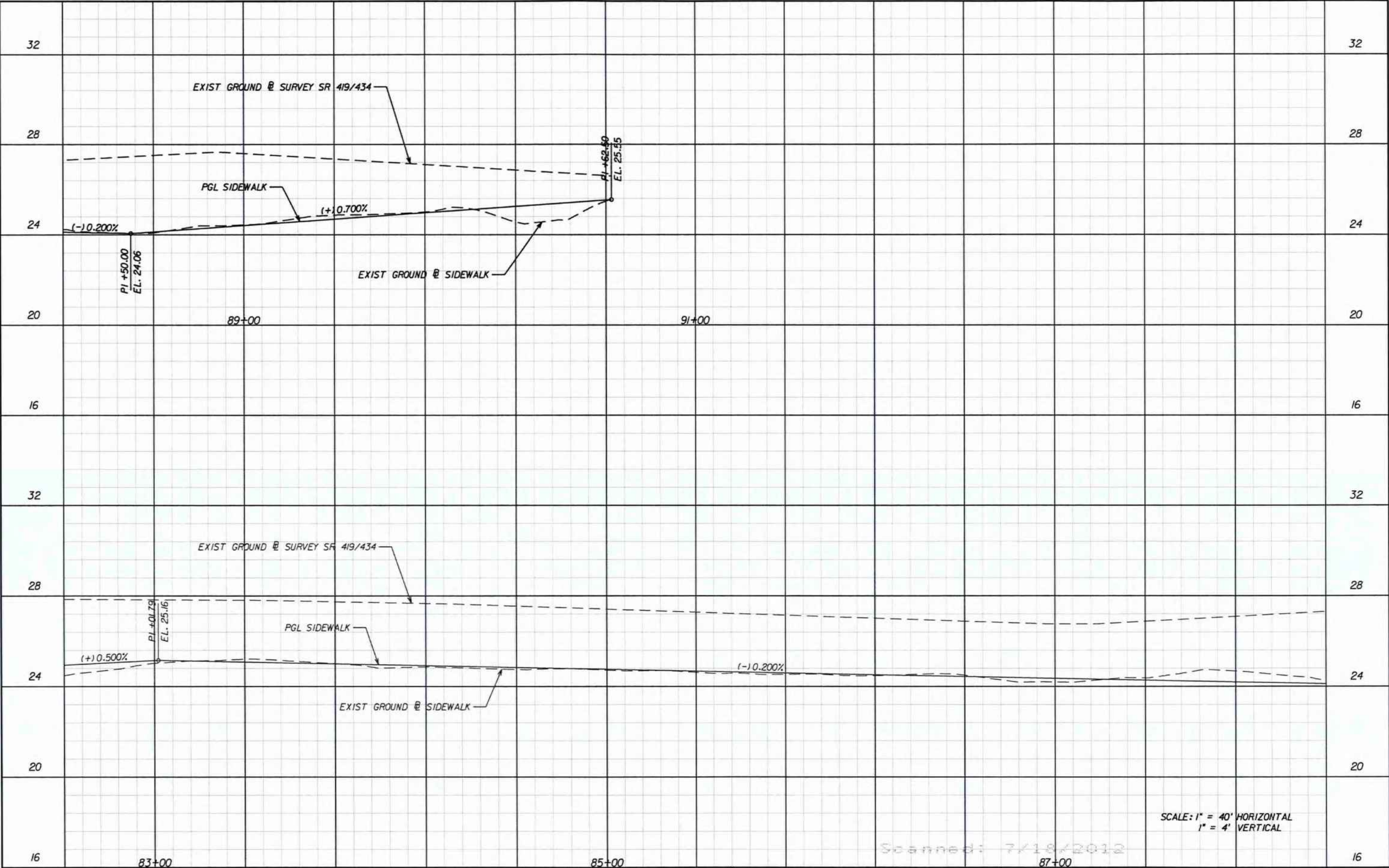
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SJRWMID: mpacheco 40-117-131032-1 7/17/2012



REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. 434 COUNTY SEMINOLE FINANCIAL PROJECT ID 422015-1-52-01	BACK OF SIDEWALK PROFILE	SHEET NO. 48
DATE	DESCRIPTION	DATE	DESCRIPTION			

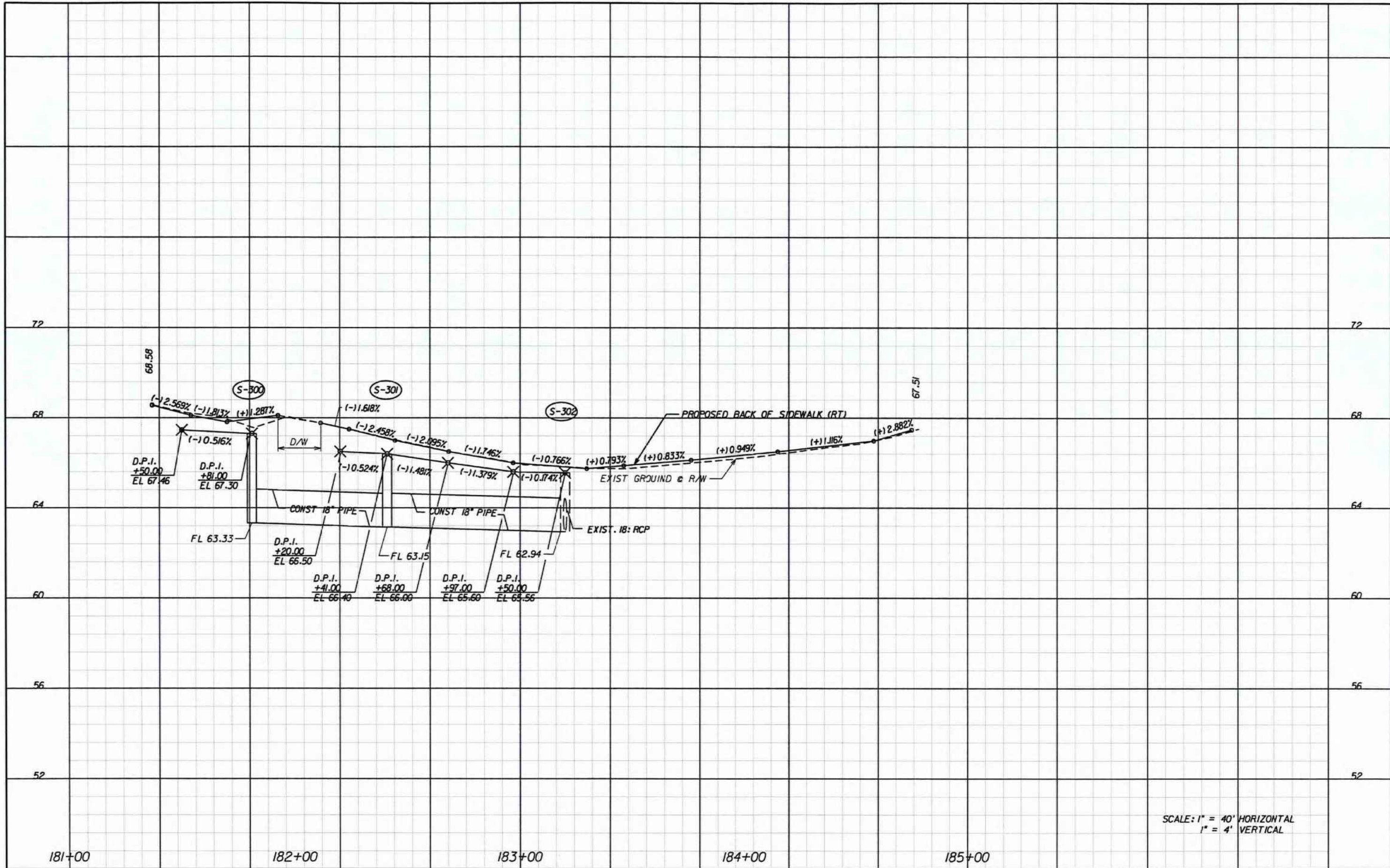
MATTHEW S. STEEN, P.E. (No. 60407)
JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

Scanned: 7/18/2012 87+00

SCALE: 1" = 40' HORIZONTAL
1" = 4' VERTICAL

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S:\RWMD\mpacheco 40-117-131032-1 7/17/2012



SCALE: 1" = 40' HORIZONTAL
1" = 4' VERTICAL

REVISIONS				MATTHEW S. STEEN, P.E. (No. 60407) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			BACK OF SIDEWALK PROFILE	SHEET NO. 48A
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		

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REVISIONS				MATTHEW S. STEEN, P.E. (No. 60407)  JOHNSON, MIRMAN & THOMPSON 805 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE WARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No. J. 59Z	STATE OF FLORIDA			DRIVEWAY PROFILES	SHEET NO. 49
DATE	DESCRIPTION	DATE	DESCRIPTION		DEPARTMENT OF TRANSPORTATION				
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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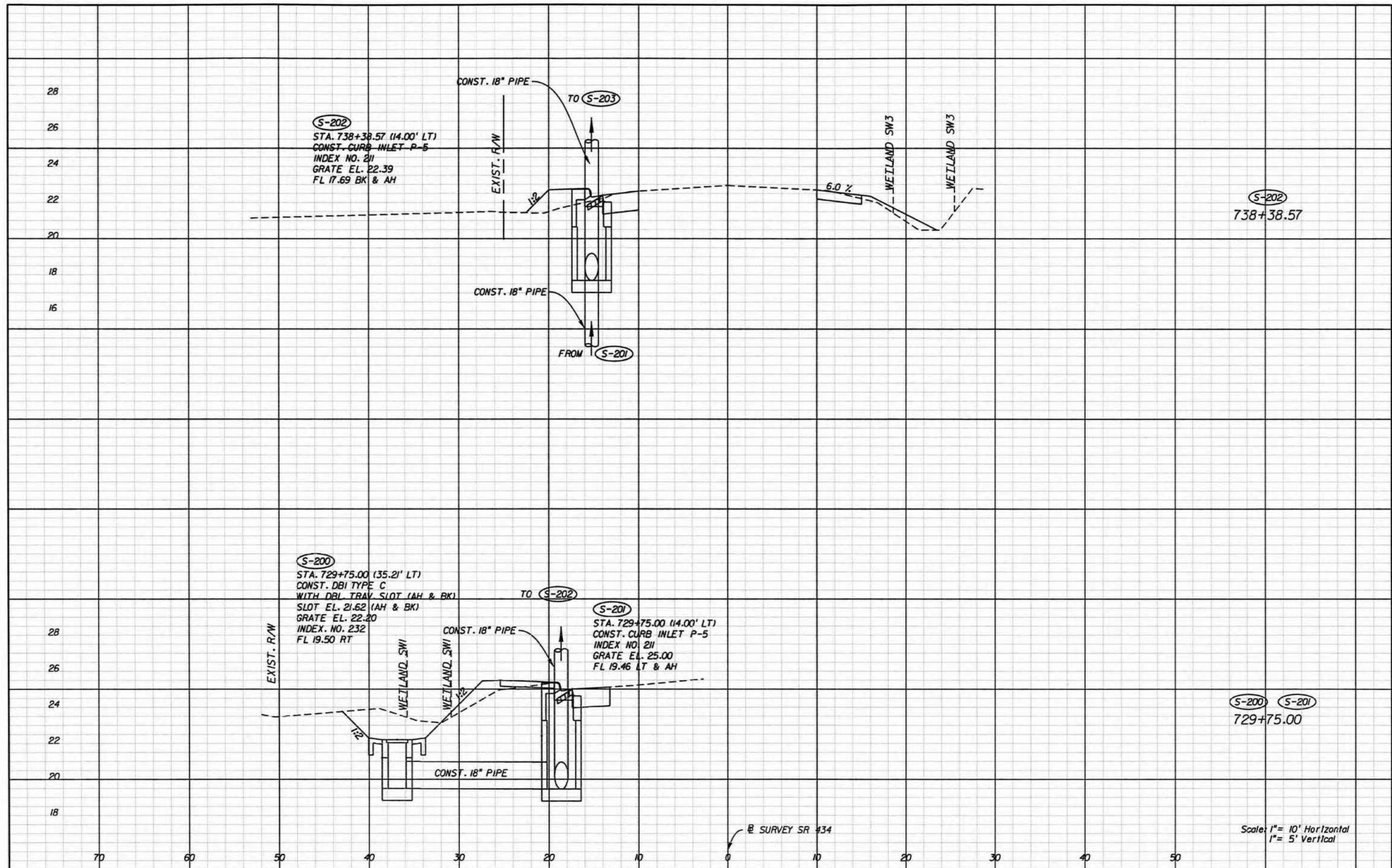
MATTHEW S. STEEN, P.E. (No. 60407)

JMT

JOHNSON, MIRMIRAN & THOMPSON

615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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REVISIONS				J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MURPHY & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 50
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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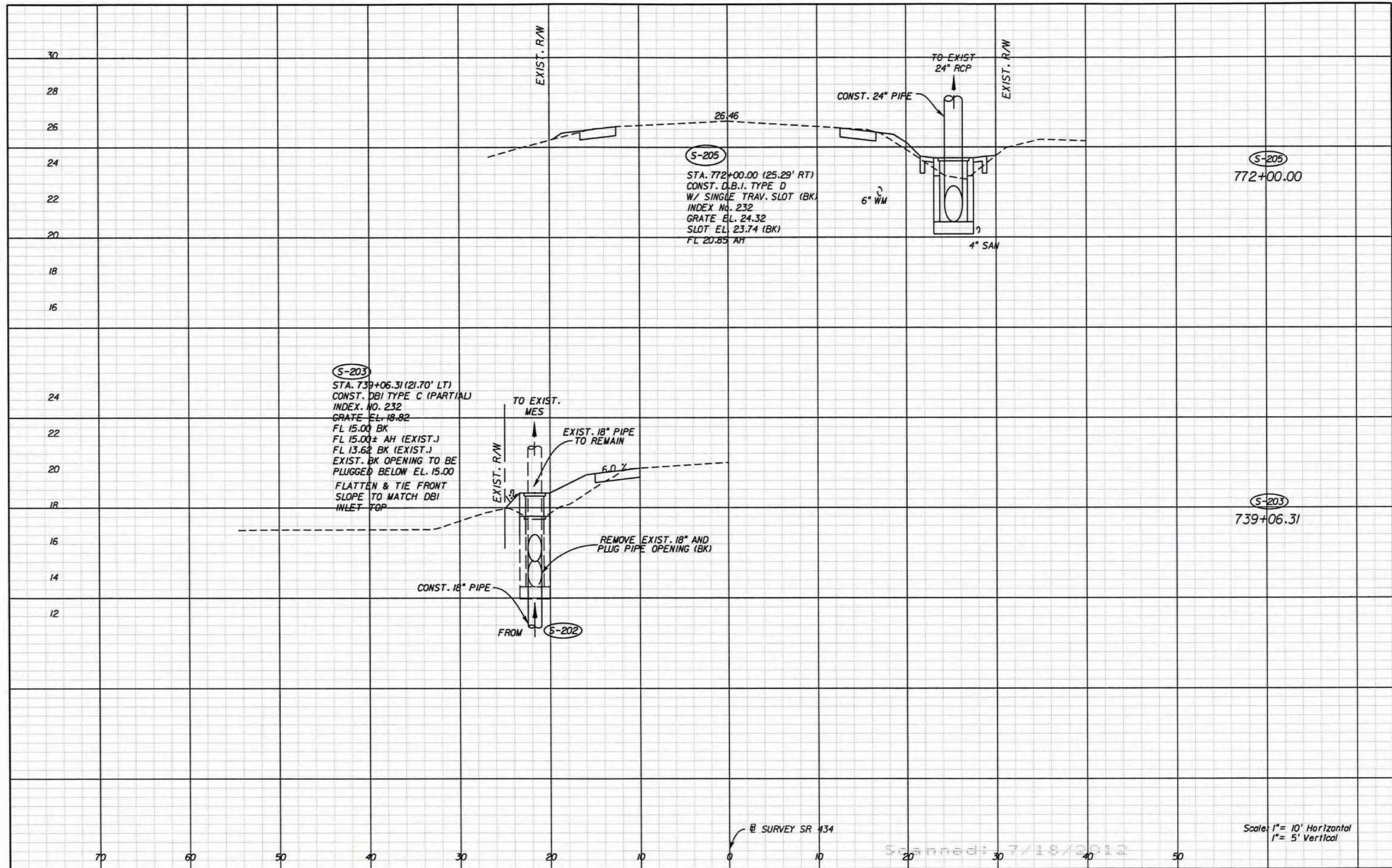
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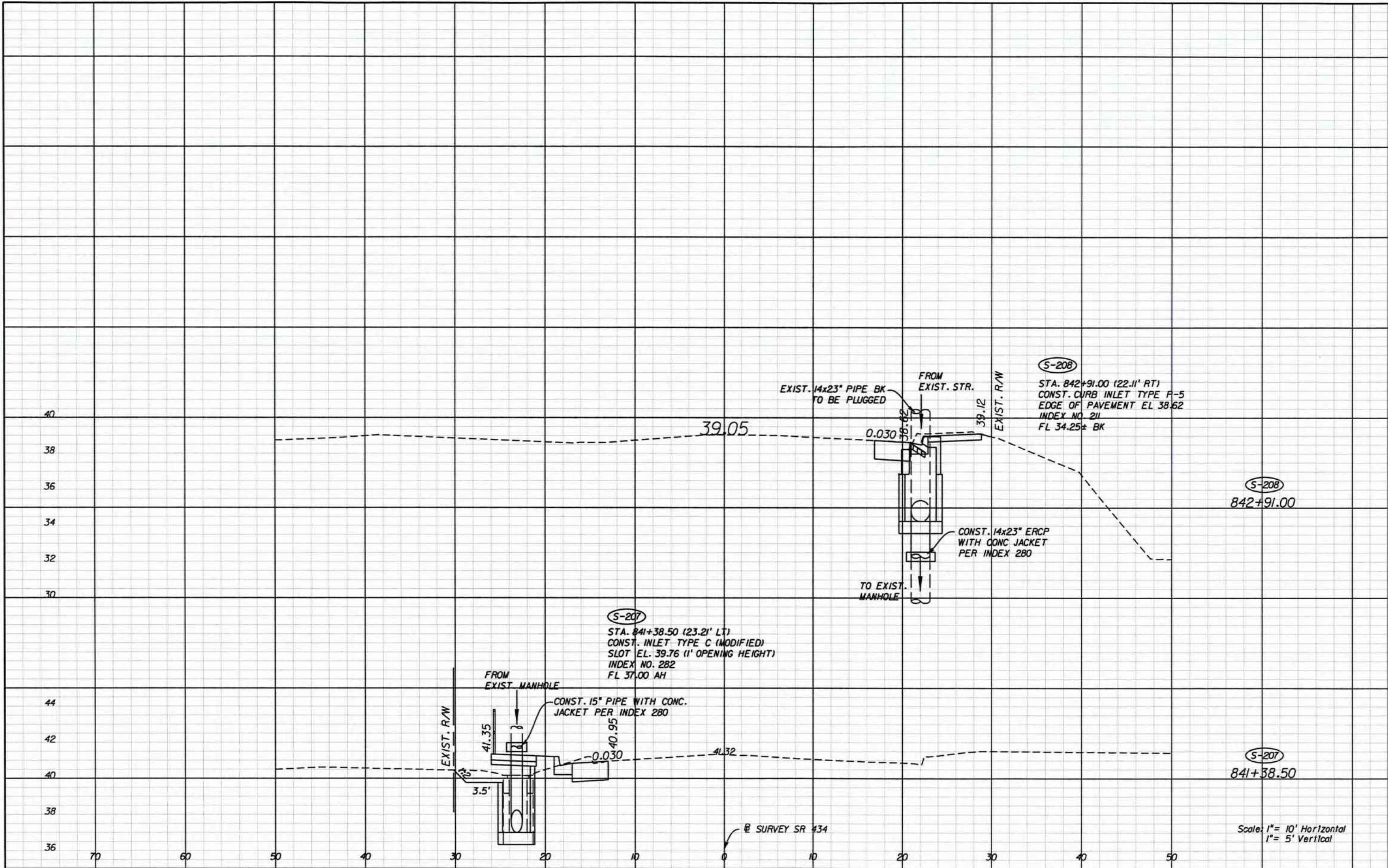
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

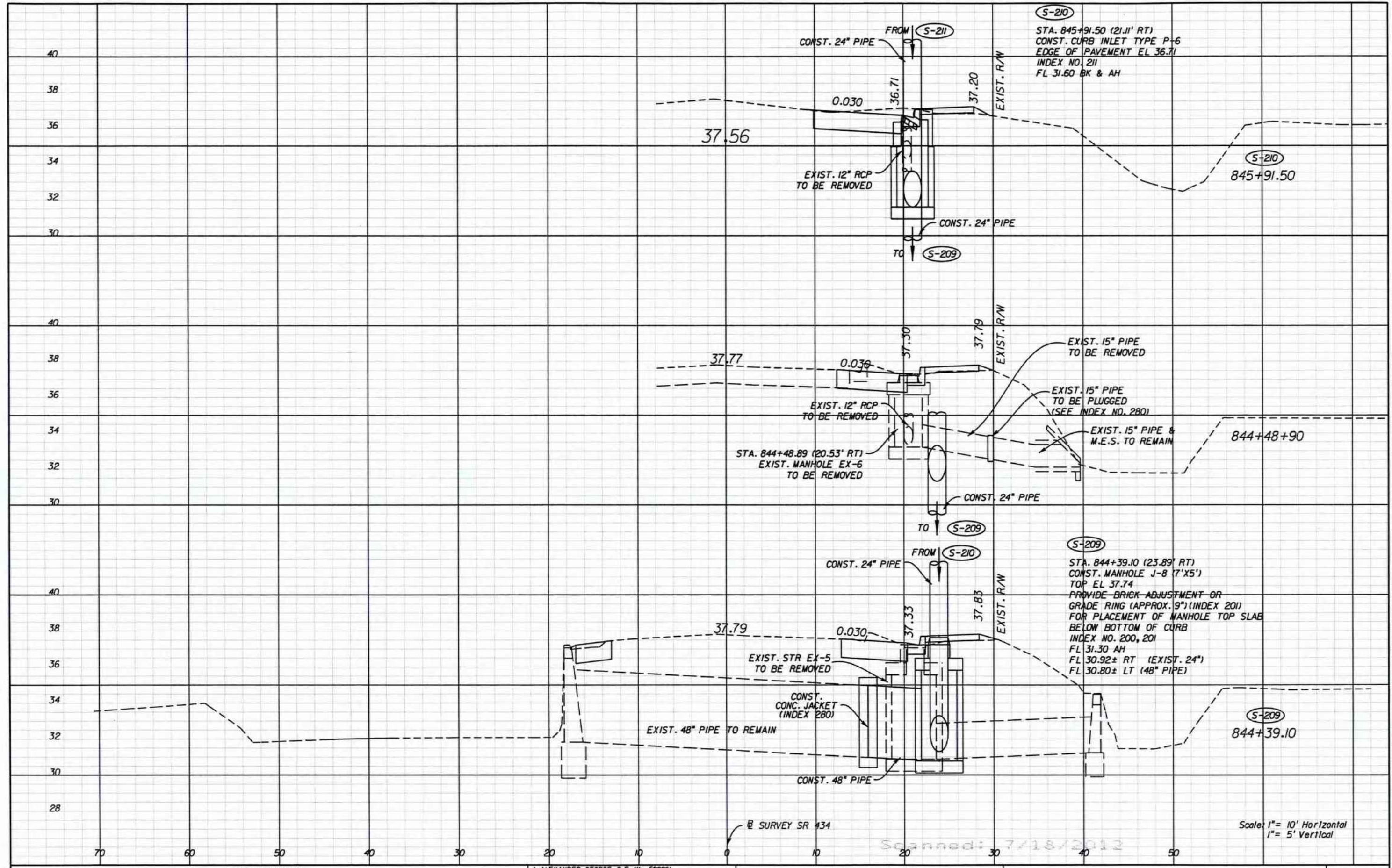


REVISIONS				J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 51
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		



REVISIONS				JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 52
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		

S:\RWMD\mpacheco 40-117-131032-1 7/17/2012



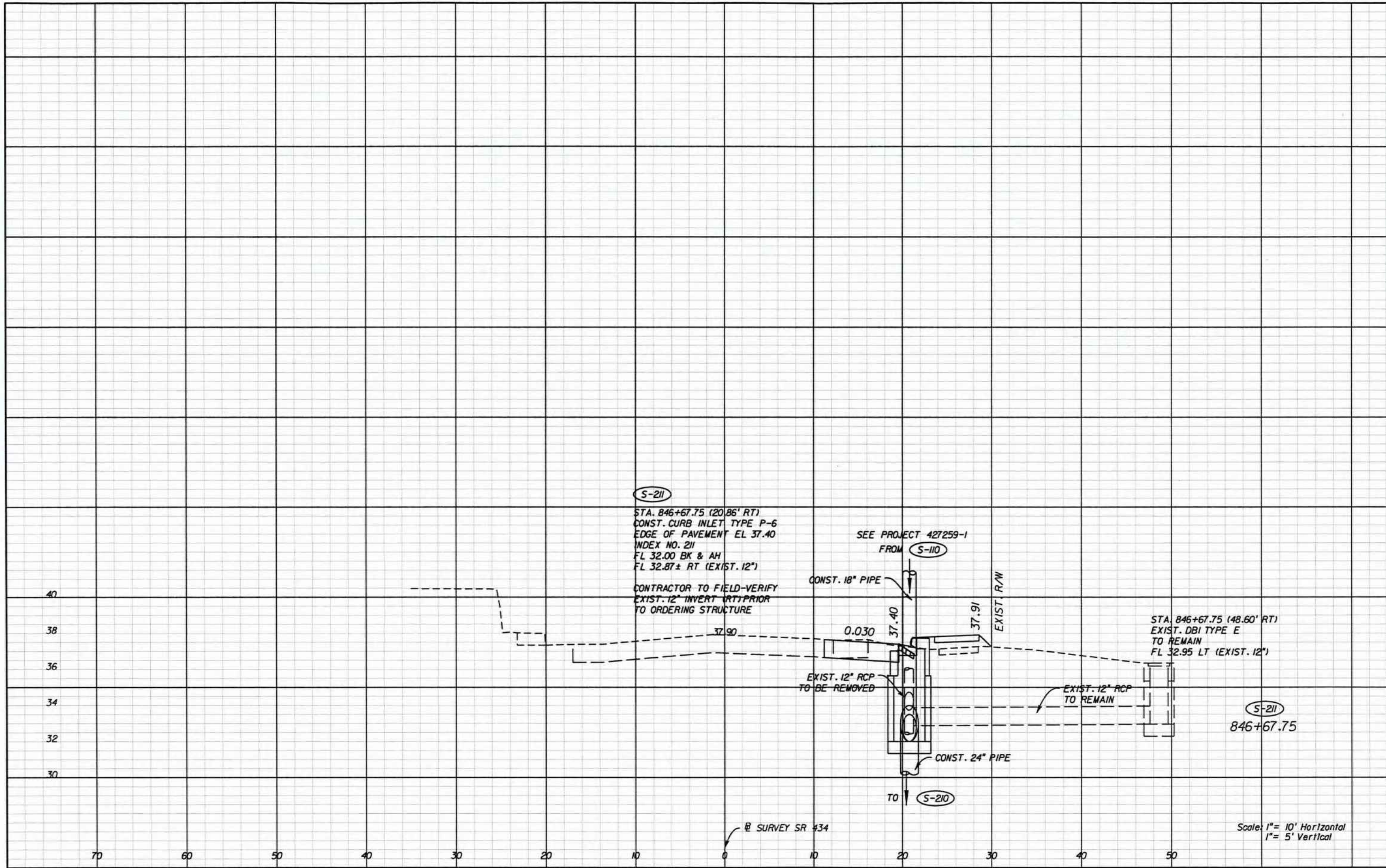
REVISIONS				J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 53
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		

Scanned: 7/18/2012

Scale: 1" = 10' Horizontal
1" = 5' Vertical

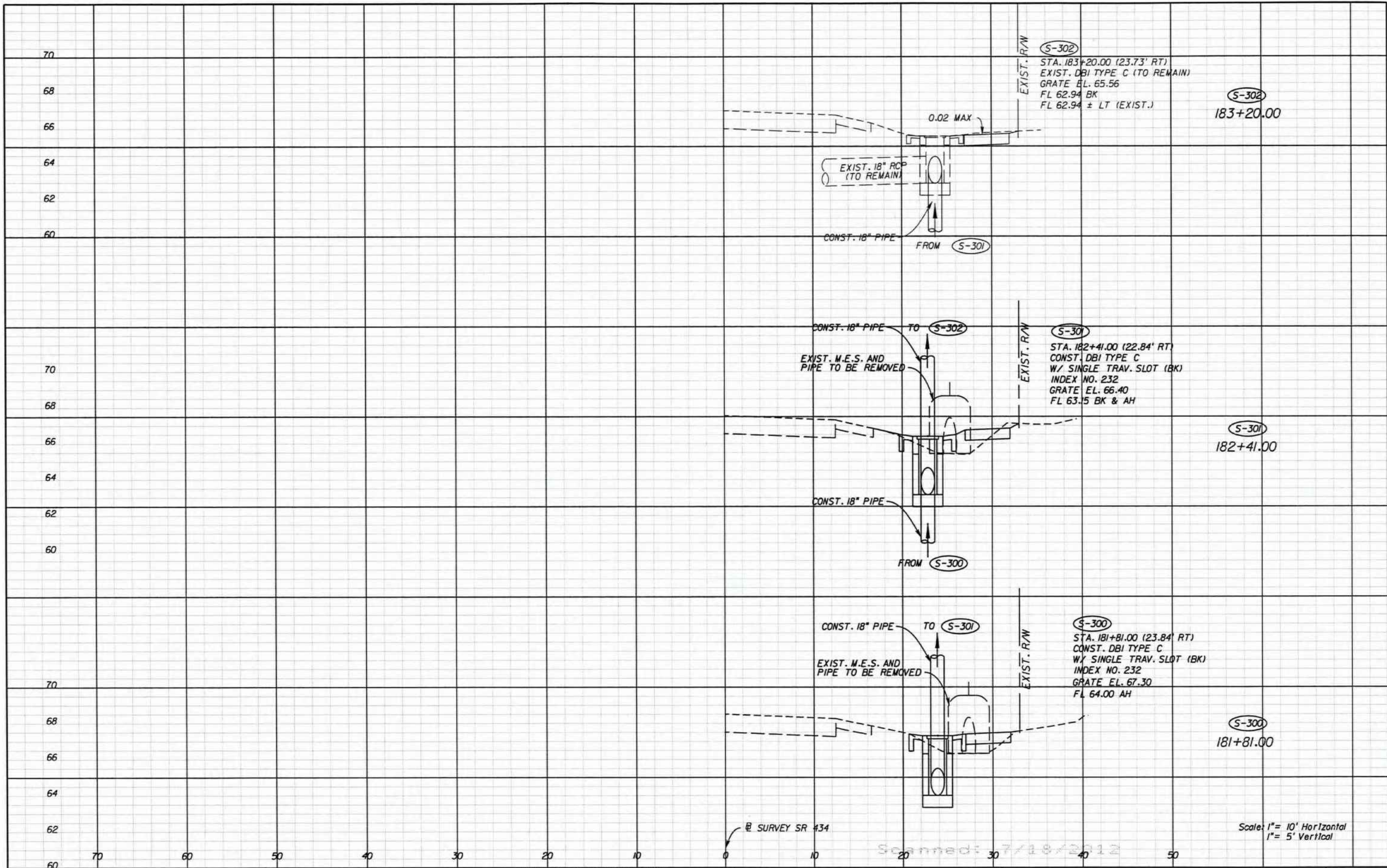
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G15-23.003, F.A.C.

S:\RWMD\mpacheco 40-117-131032-1 7/17/2012



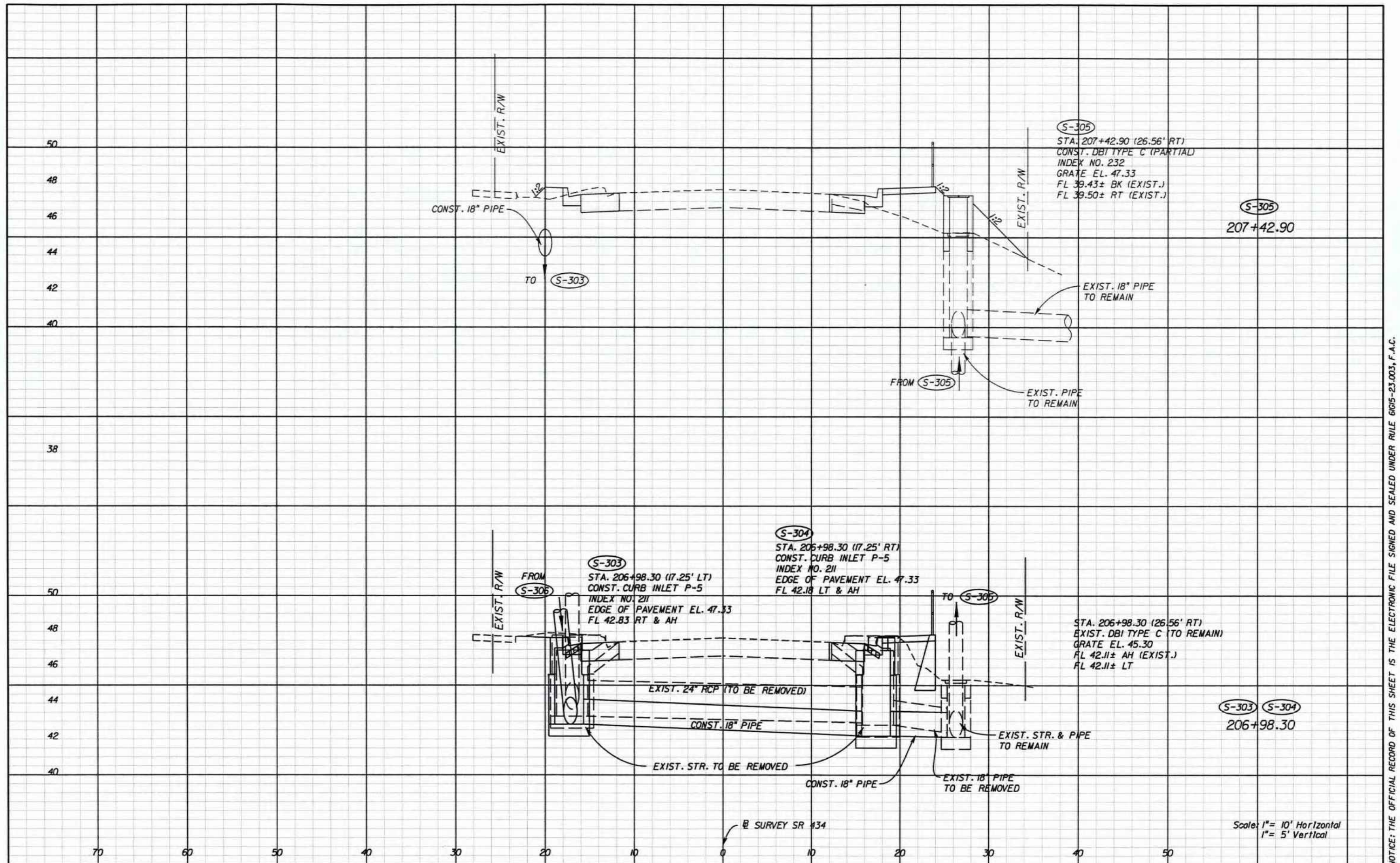
REVISIONS				J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 54
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		

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REVISIONS				J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5907	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 55
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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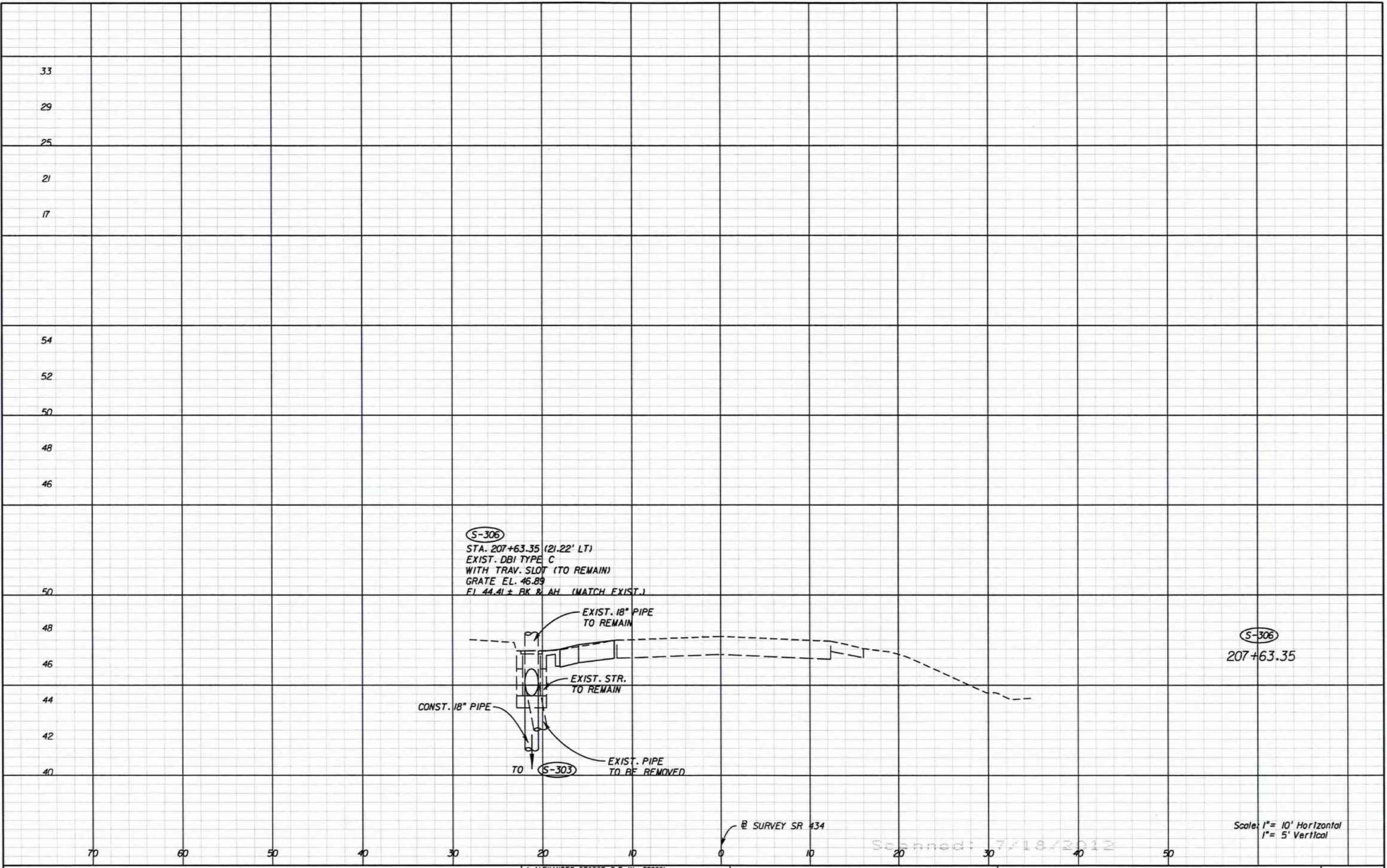
SJRWMD: mpacheco 40-117-131032-1 7/17/2012



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REVISIONS				JMT JOHNSON, MIRMAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 56
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		

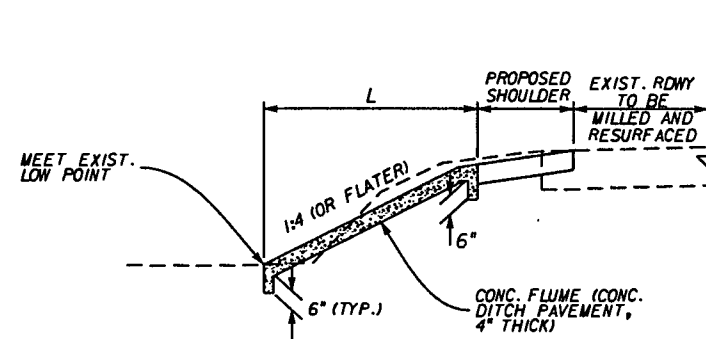
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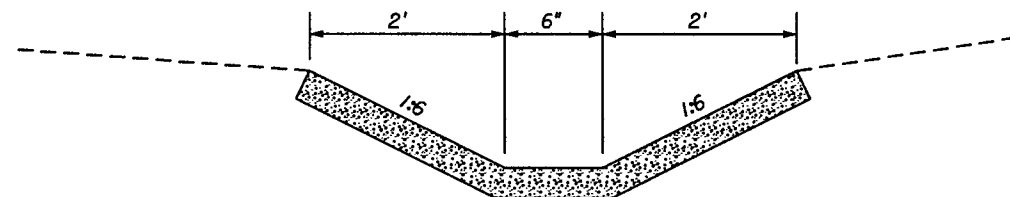
REVISIONS				J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 57
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		

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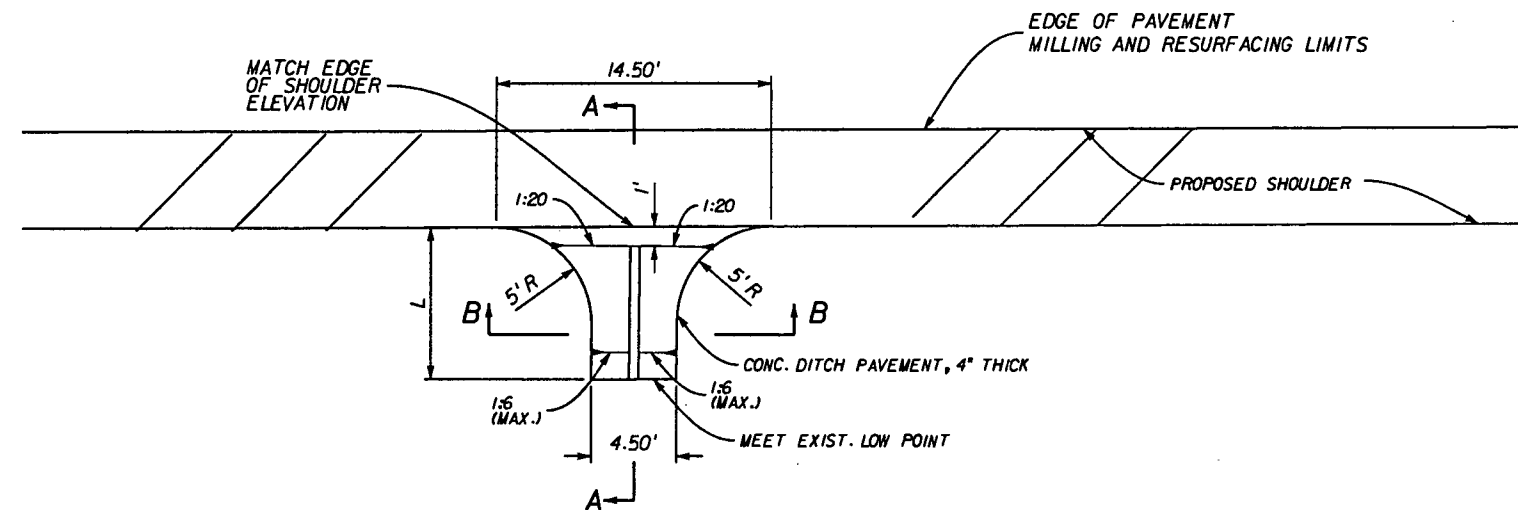
SJRWMD: mpacheco 40-117-131032-1 7/17/2012



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.



PLAN
N.T.S.

NOTES:

1. CONCRETE FLUME TO BE CONSTRUCTED WHERE SHOWN ON THE PLANS TO PROVIDE STABLE CONVEYANCE FOR RUNOFF ON ROADWAY SIDE SLOPES IN ERODED AREAS.
2. CONTRACTOR SHALL ADJUST FLUME LENGTH AND GEOMETRY AS NECESSARY BASED ON SITE CONDITIONS.

STR. NO.	LOCATION	LENGTH (FT)	4" CONC. DITCH PAVT. AREA (SY)
S-204	STA 752+82.00 (LT) @ OF SURVEY	8.0'	6
S-206	STA 791+03.00 (RT) @ OF SURVEY	30.6'	18

CONCRETE FLUME DETAILS

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE DETAILS	SHEET NO. 58
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						JMT JOHNSON, MIRAMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	434	SEMINOLE	422015-1-52-01		

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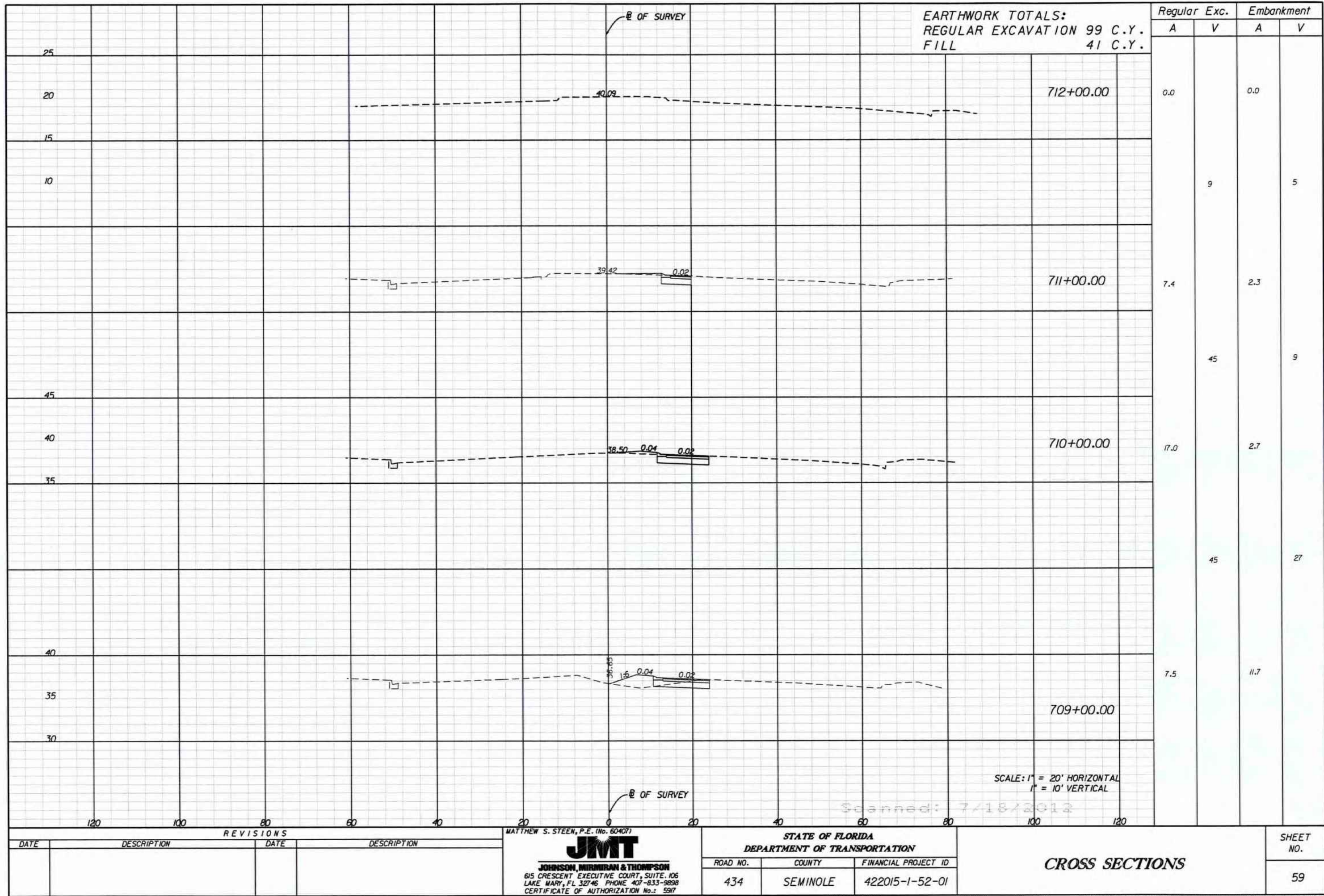
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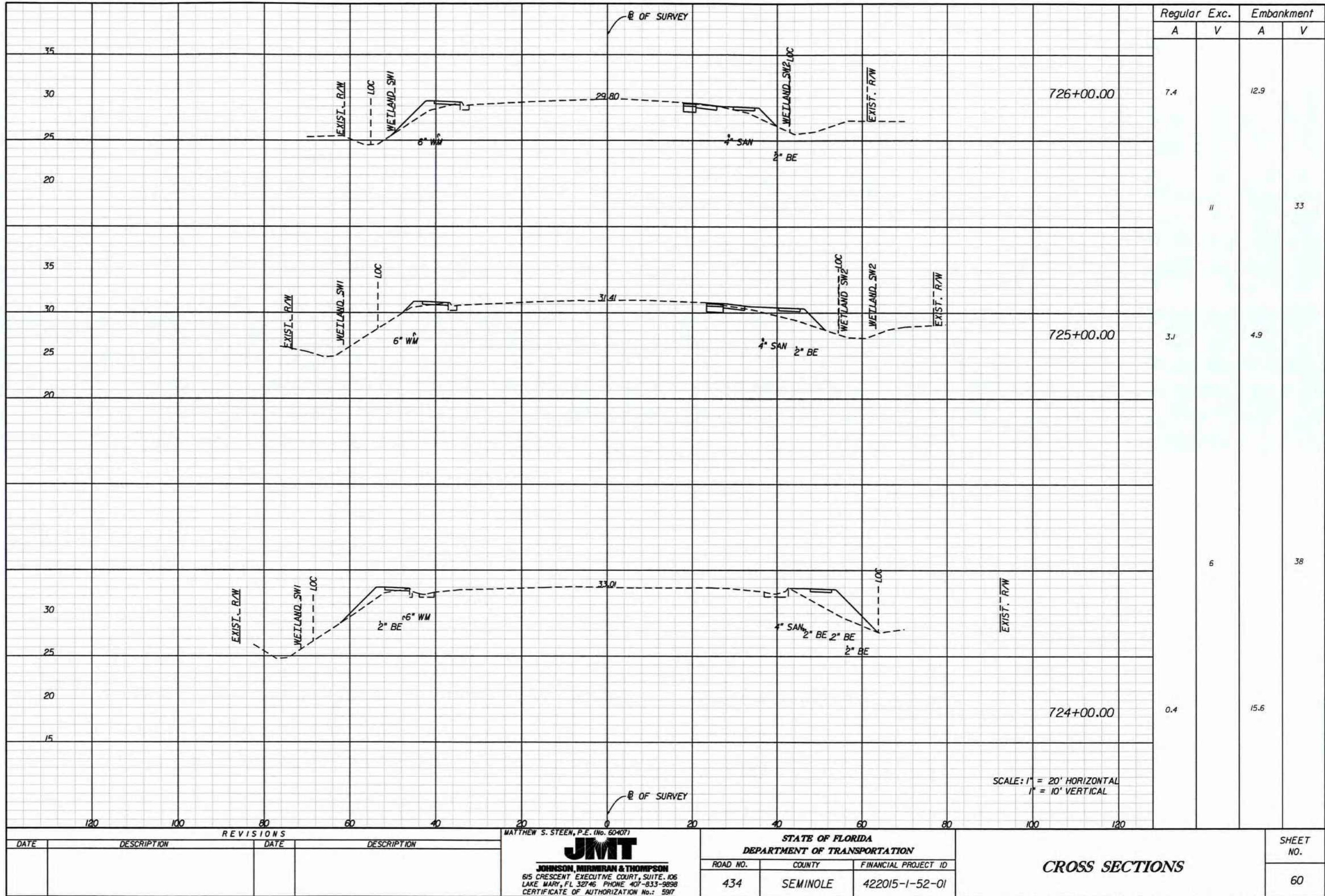
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SJRWMID: mpacheco 40-117-131032-1 7/17/2012



SJRWMID: mpacheco 40-117-131032-1 7/17/2012



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

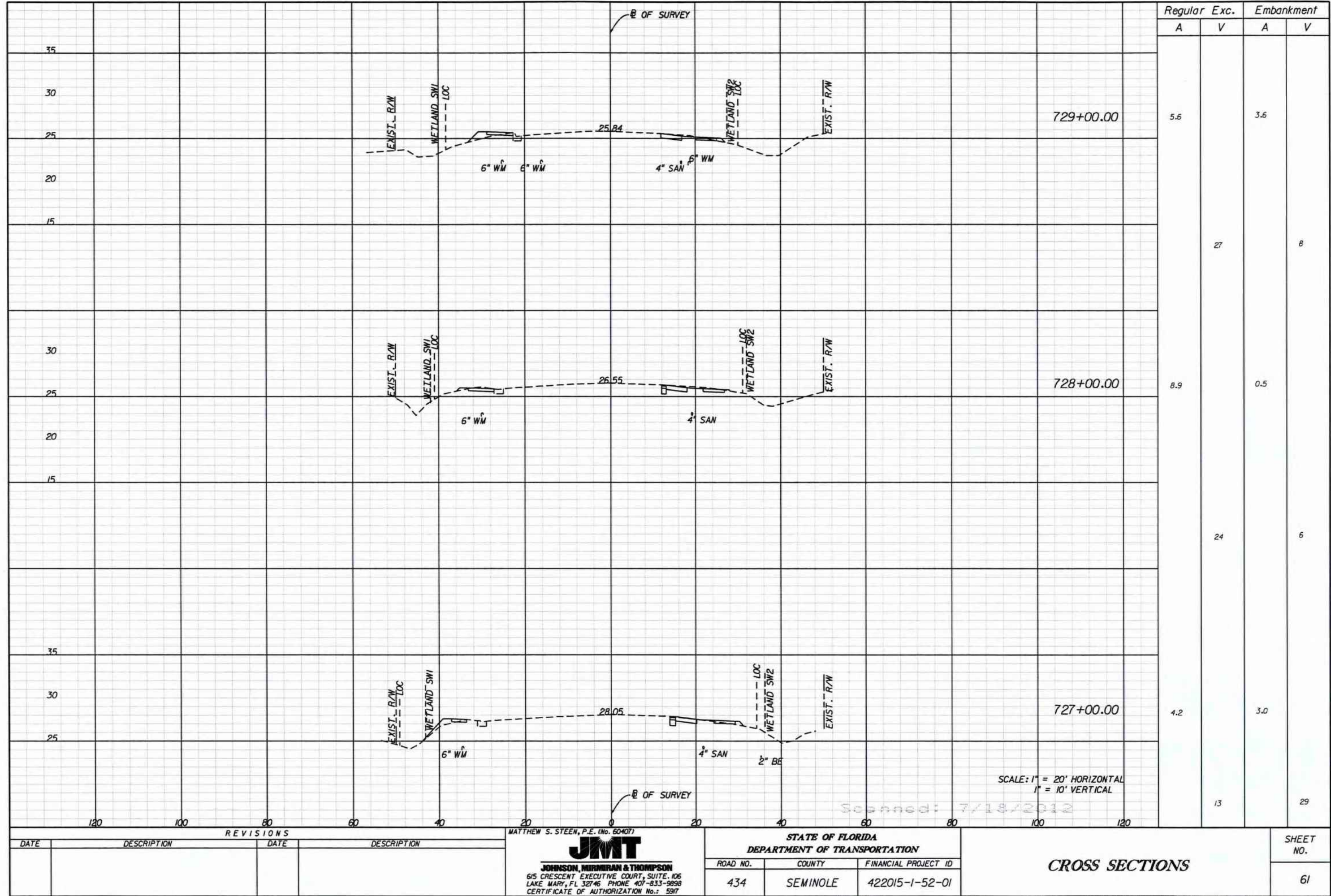
JMT

JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

CROSS SECTIONS		SHEET NO.
		60

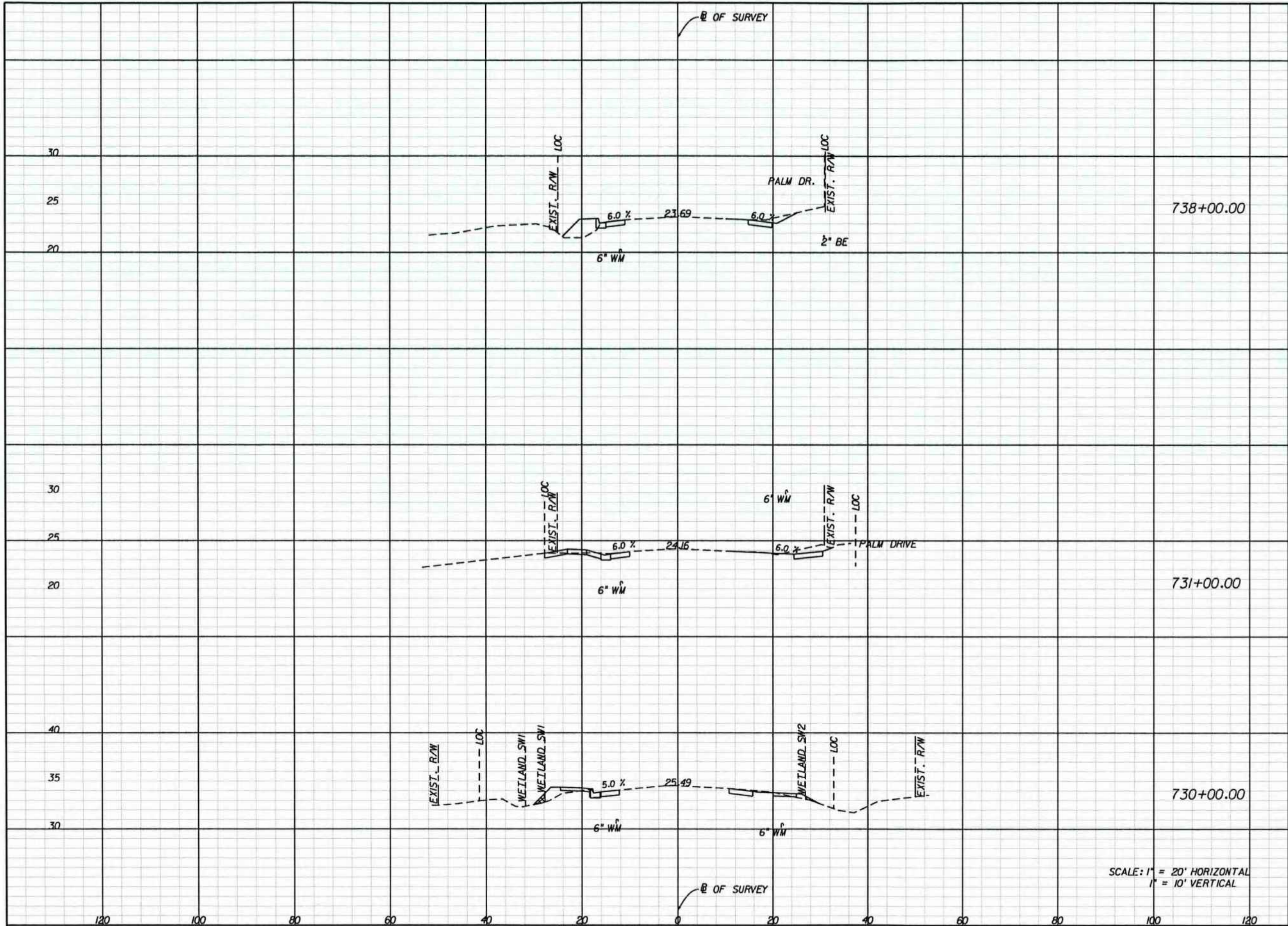
SJRWMID: mpacheco 40-117-131032-1 7/17/2012



REVISIONS				MATTHEW S. STEEN, P.E. (No. 60407)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			CROSS SECTIONS	SHEET NO. 61
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					434	SEMINOLE	422015-1-52-01		

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SJRWMID: mpacheco 40-117-131032-1 7/17/2012



Regular		Exc.	Embankment	
A	V	A	V	
11.5		6.6		
	16		4	
14.7		0.1		
	43		11	
8.5		6.1		
	26		18	

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

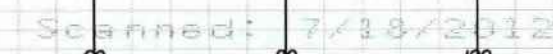
REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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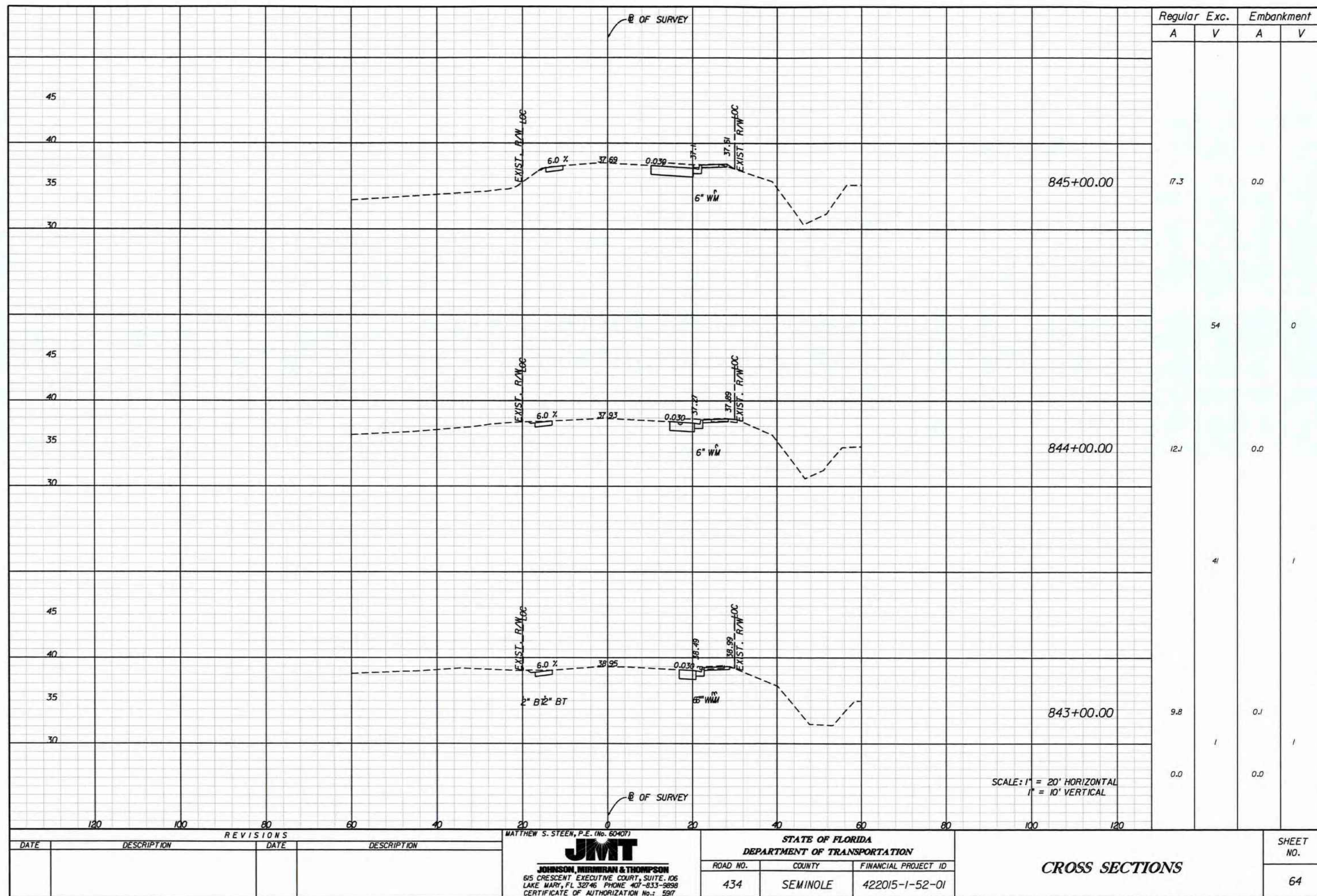
MATTHEW S. STEEN, P.E. (No. 604071)

JMT

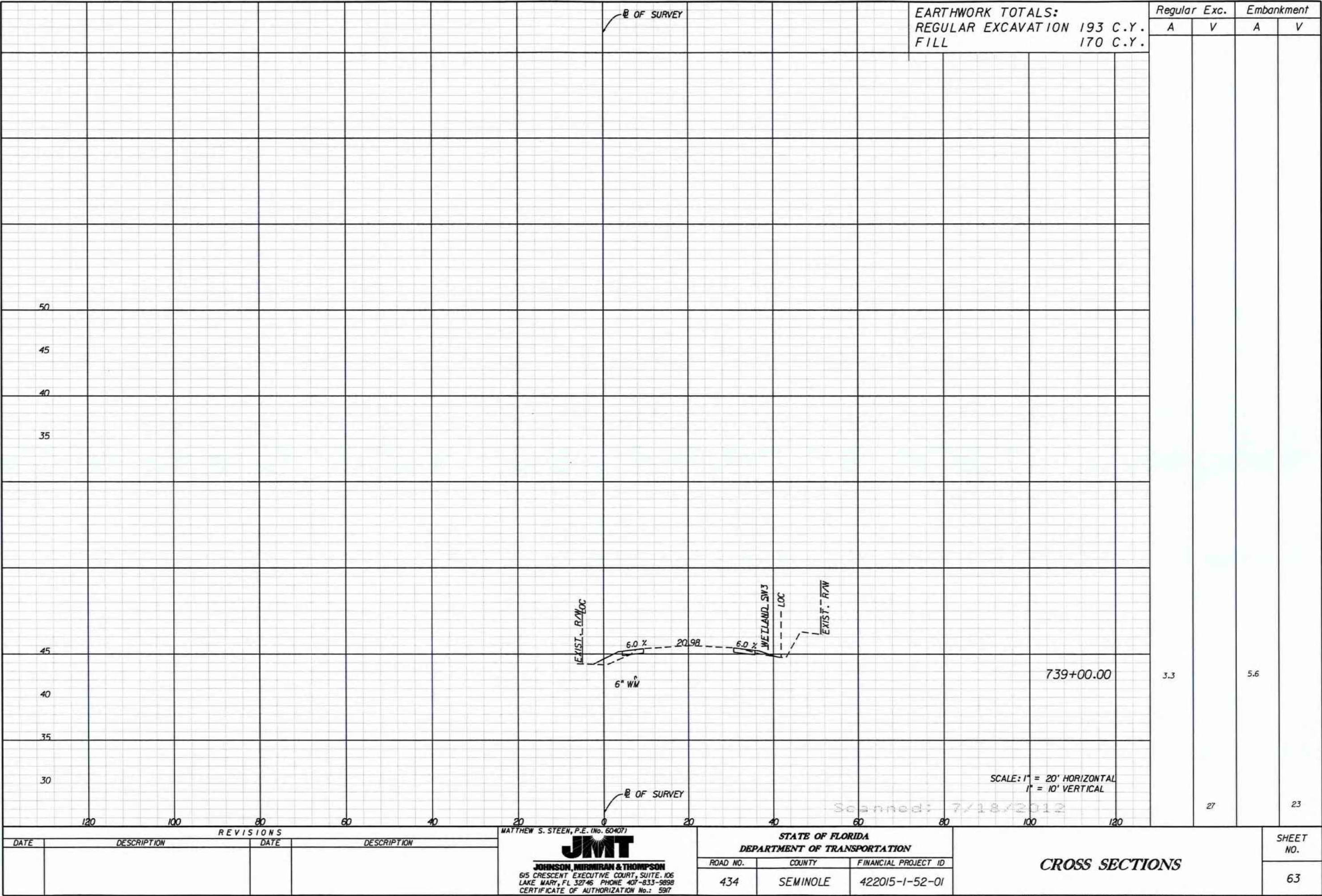
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.003, F.A.C.

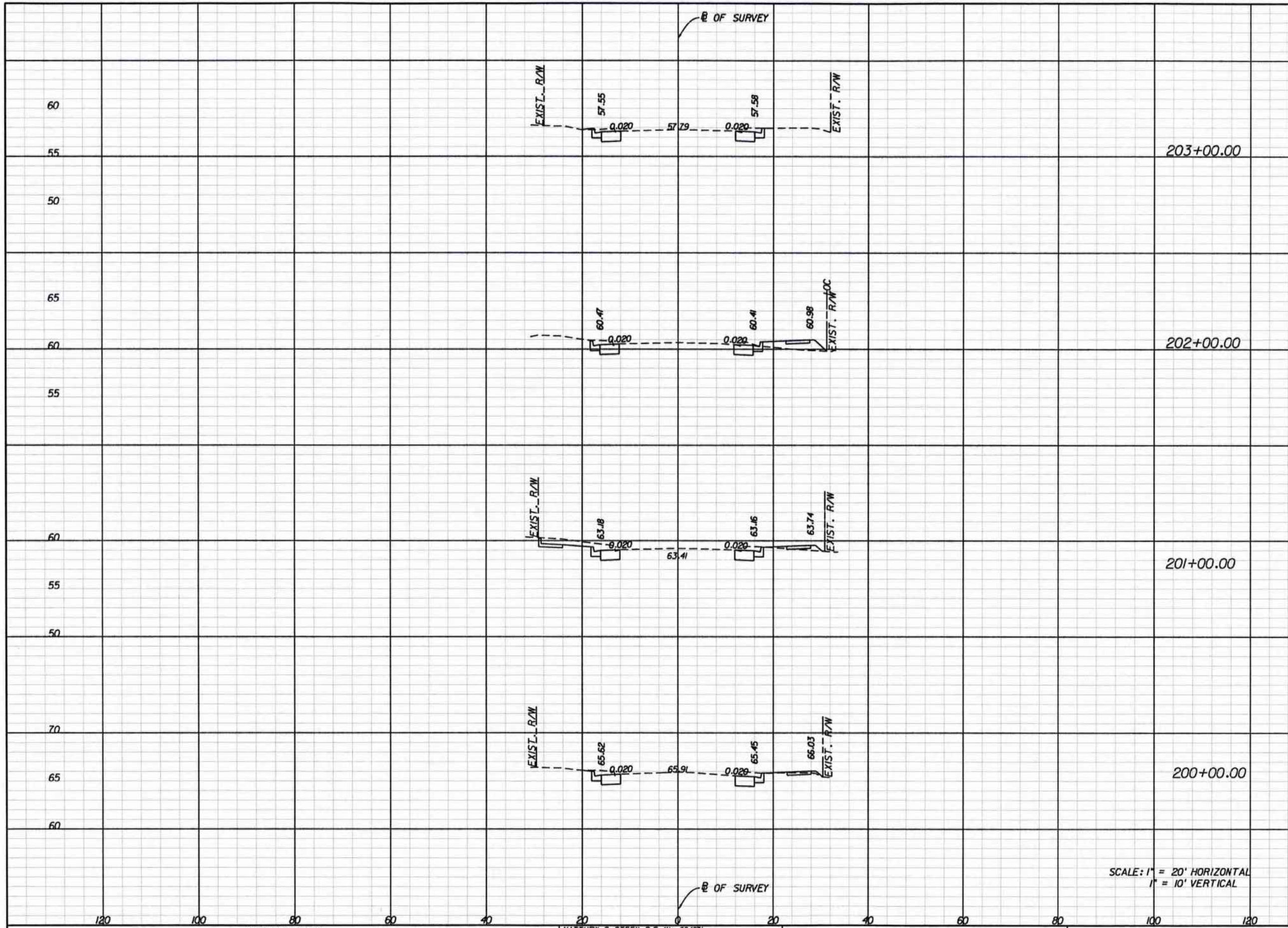




SJRWMID: mpacheco 40-117-131032-1 7/17/2012



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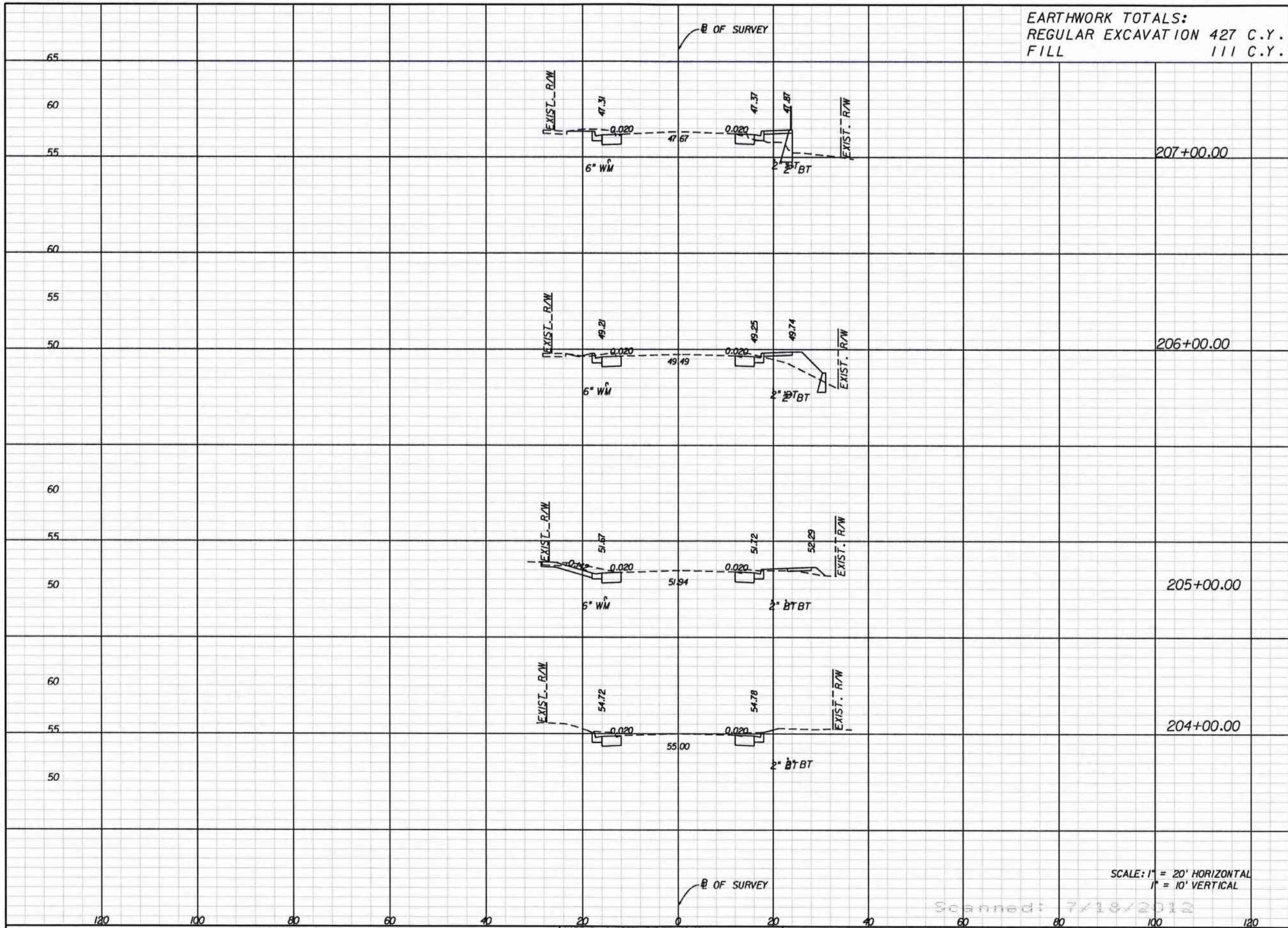


Regular	Exc.	Embankment	
		A	V
13.5		0.2	
	49		17
13.2		9.0	
	45		20
23.2		2.0	
	72		5
15.6		0.7	

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

DATE		DESCRIPTION		DATE		DESCRIPTION		MATTHEW S. STEEN, P.E. (No. 60407)		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		ROAD NO.		COUNTY		FINANCIAL PROJECT ID		CROSS SECTIONS		SHEET NO.	
								JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917		434		SEMINOLE		422015-1-52-01						66	

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EARTHWORK TOTALS:
REGULAR EXCAVATION 427 C.Y.
FILL 111 C.Y.

Regular		Exc.	Embankment	
A	V	A	V	
14.6		4.5		
	54		32	
14.6		12.9		
	67		30	
21.8		3.1		
	67		6	
14.2		0.1		
	51		1	

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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REVISIONS	
DATE	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT
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615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

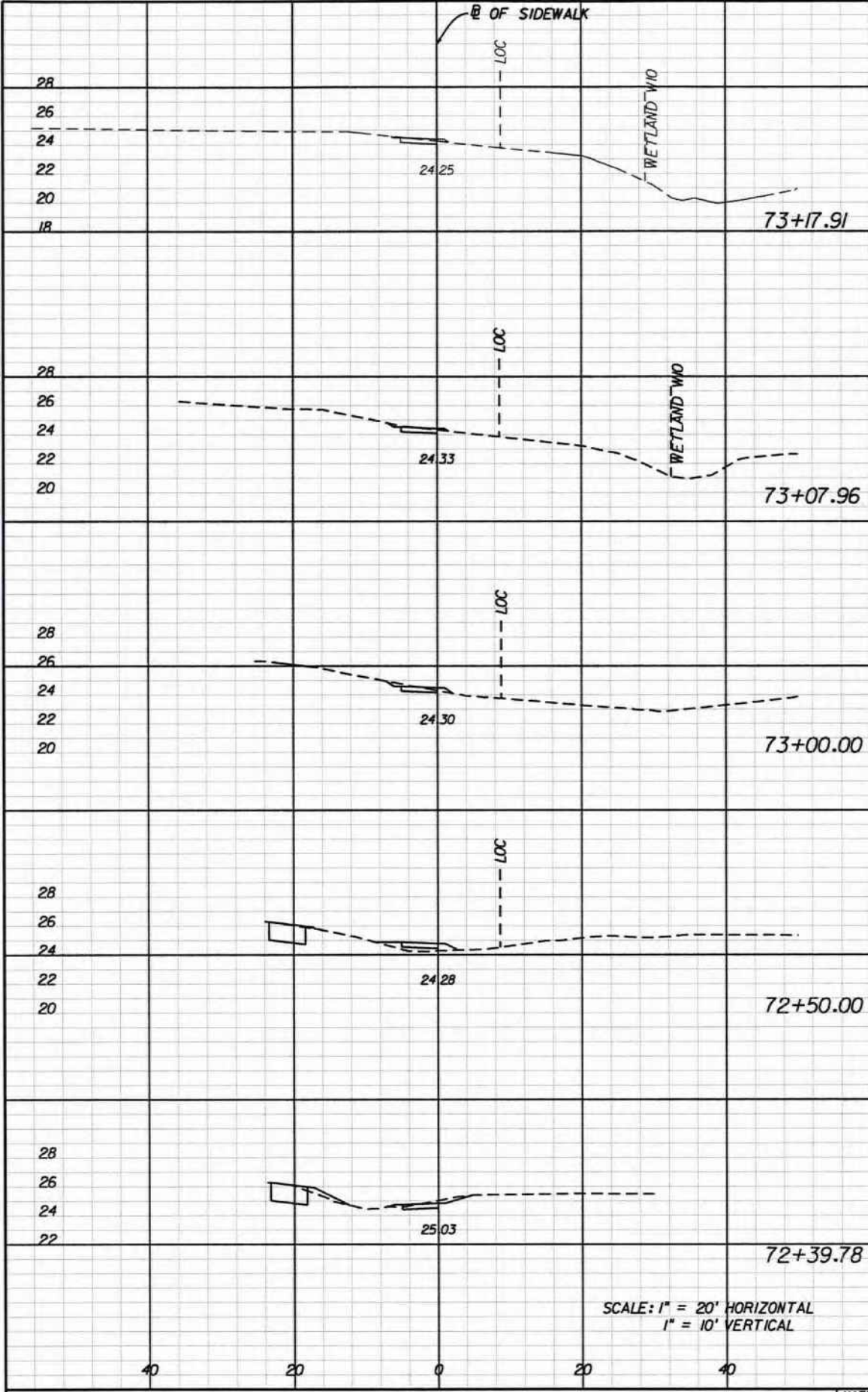
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

CROSS SECTIONS

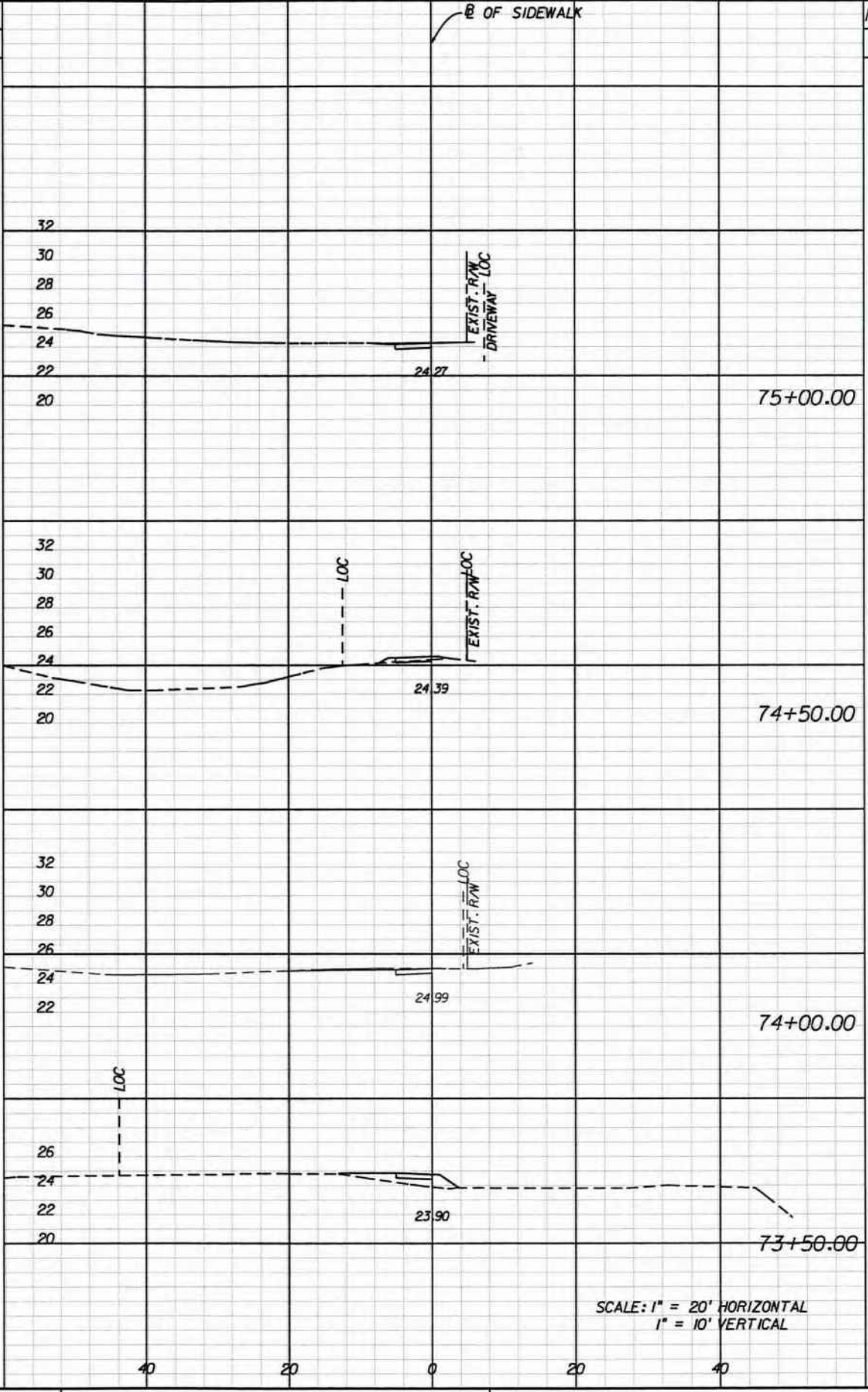
SHEET NO.
67

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Regular		Exc.		Embankment	
A	V	A	V	A	V
1.5		0.2			
	1		0		
1.8		0.2			
	1		0		
2.0		0.4			
	2		3		
0.0		3.1			
	0		1		
2.5		0.3			



Regular		Exc.		Embankment	
A	V	A	V	A	V
2.2		0.0			
	3		1		
0.5		0.8			
	3		1		
2.9		0.0			
	3		7		
0.0		7.3			
	1		4		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

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LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

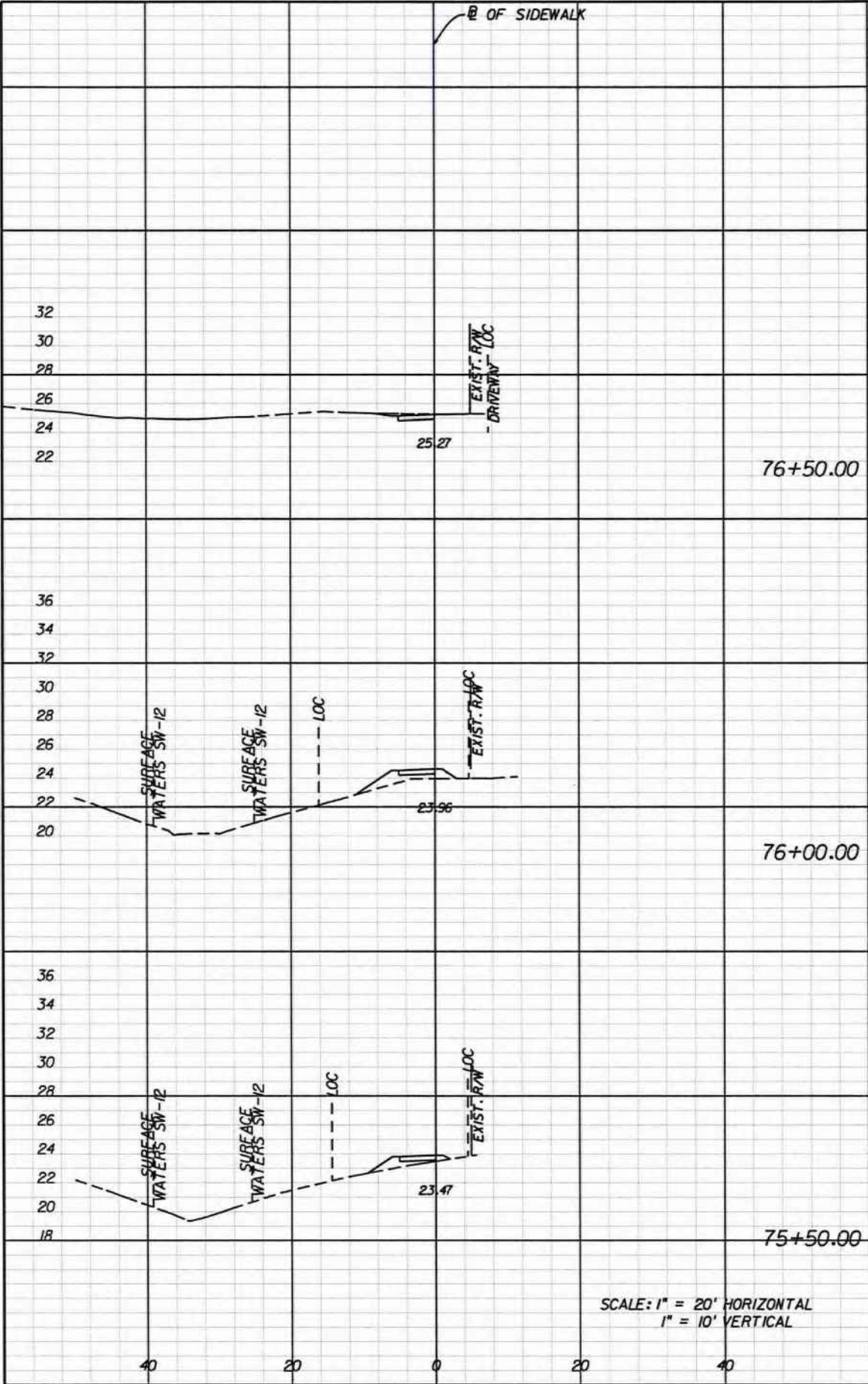
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

CROSS SECTIONS	

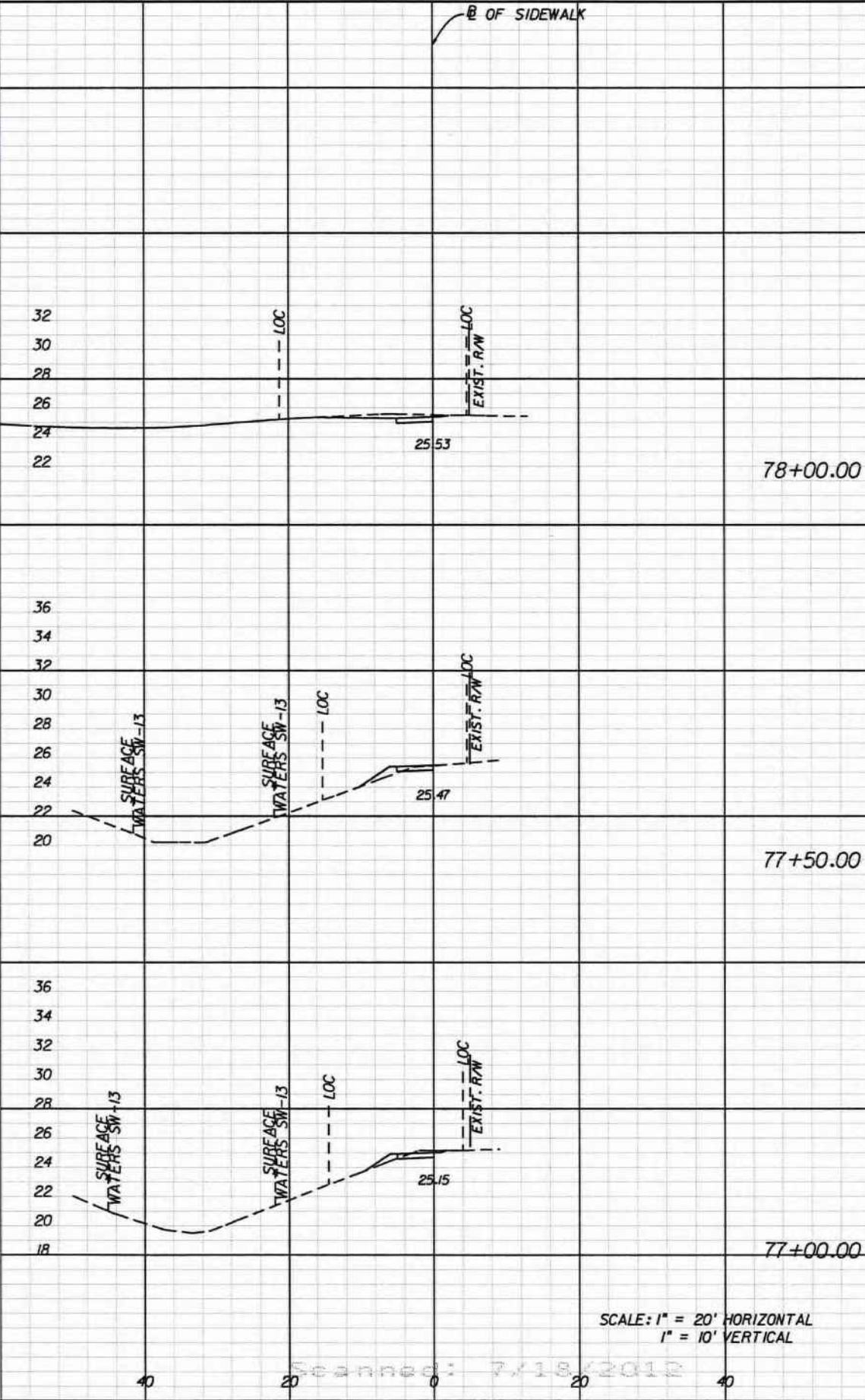
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Regular		Exc.		Embankment	
A	V	A	V	A	V
2.5	2	0.0	6	0.0	10
0.0	0	6.6	10	3.9	4



Regular		Exc.		Embankment	
A	V	A	V	A	V
4.6	5	0.0	2	1.0	3
2.0	4	1.2	1	2.0	1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

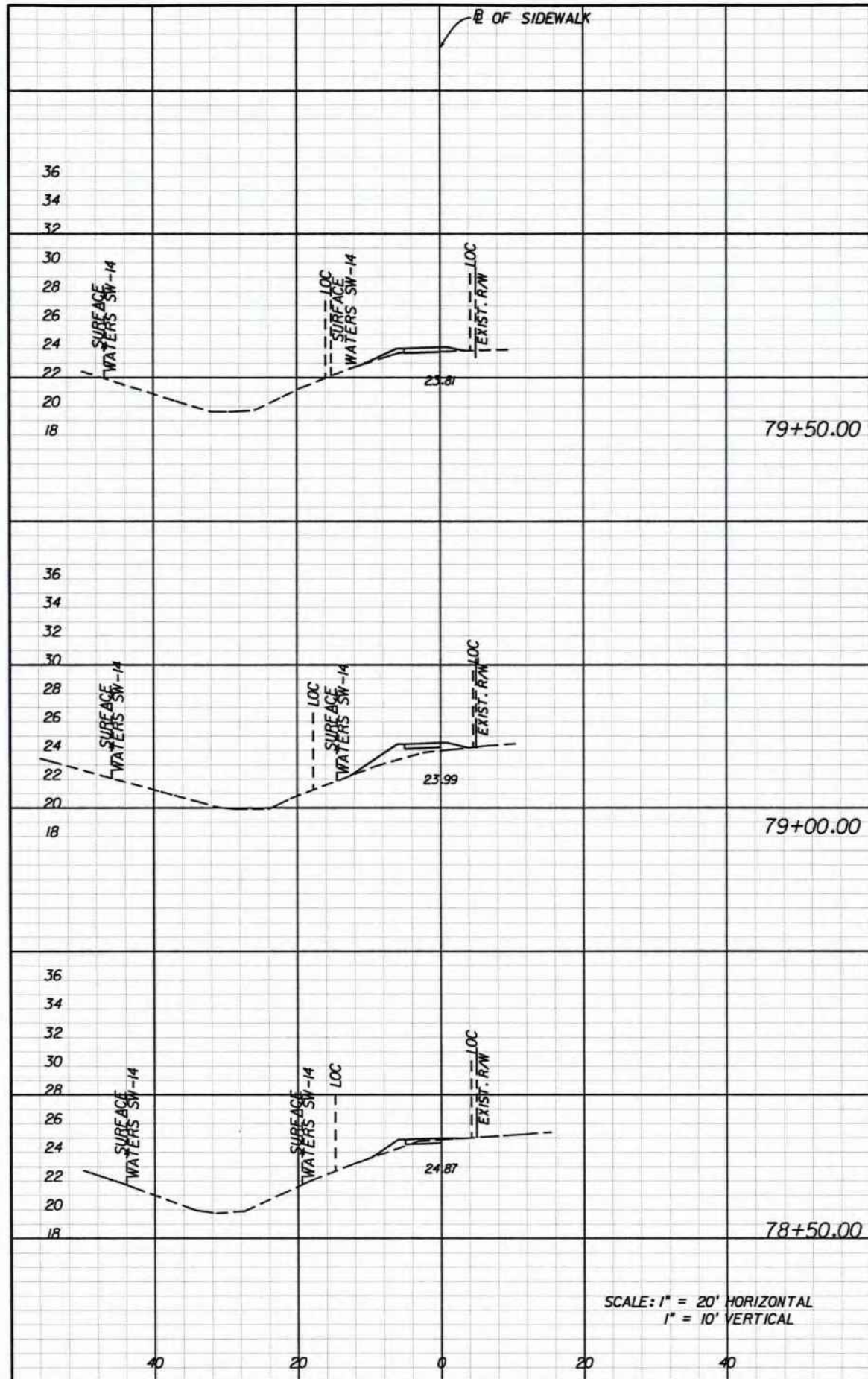
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CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

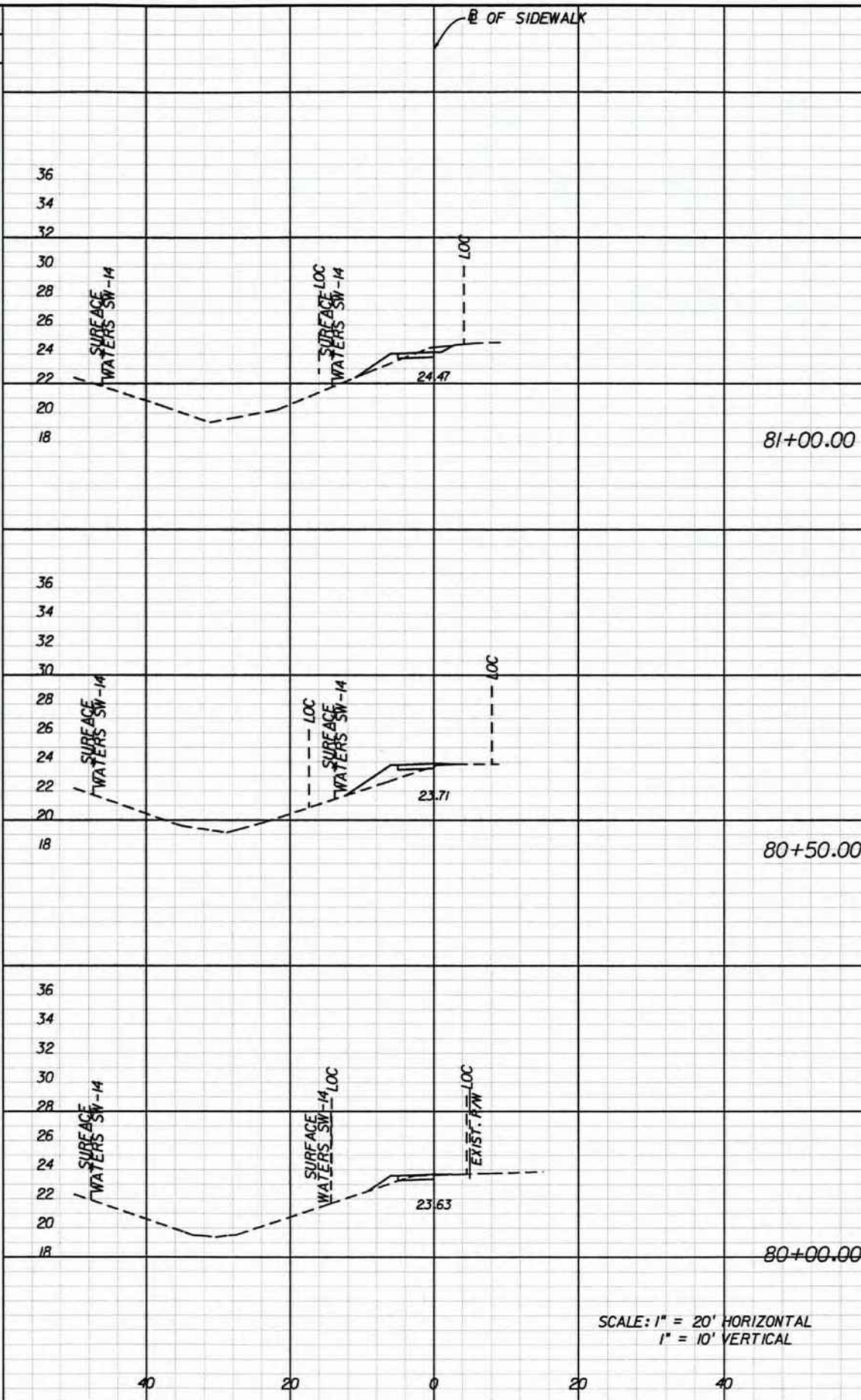
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Regular		Exc.		Embankment	
A	V	A	V	A	V
0.1	0	1.8	9		
0.0	1	7.6	9		
0.7	5	1.9	2		



Regular		Exc.		Embankment	
A	V	A	V	A	V
2.3	2	2.3	8		
0.1	1	2.3	7		
1.0	1	1.4	3		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MATTHEW S. STEEN, P.E. (No. 60407)

JMT

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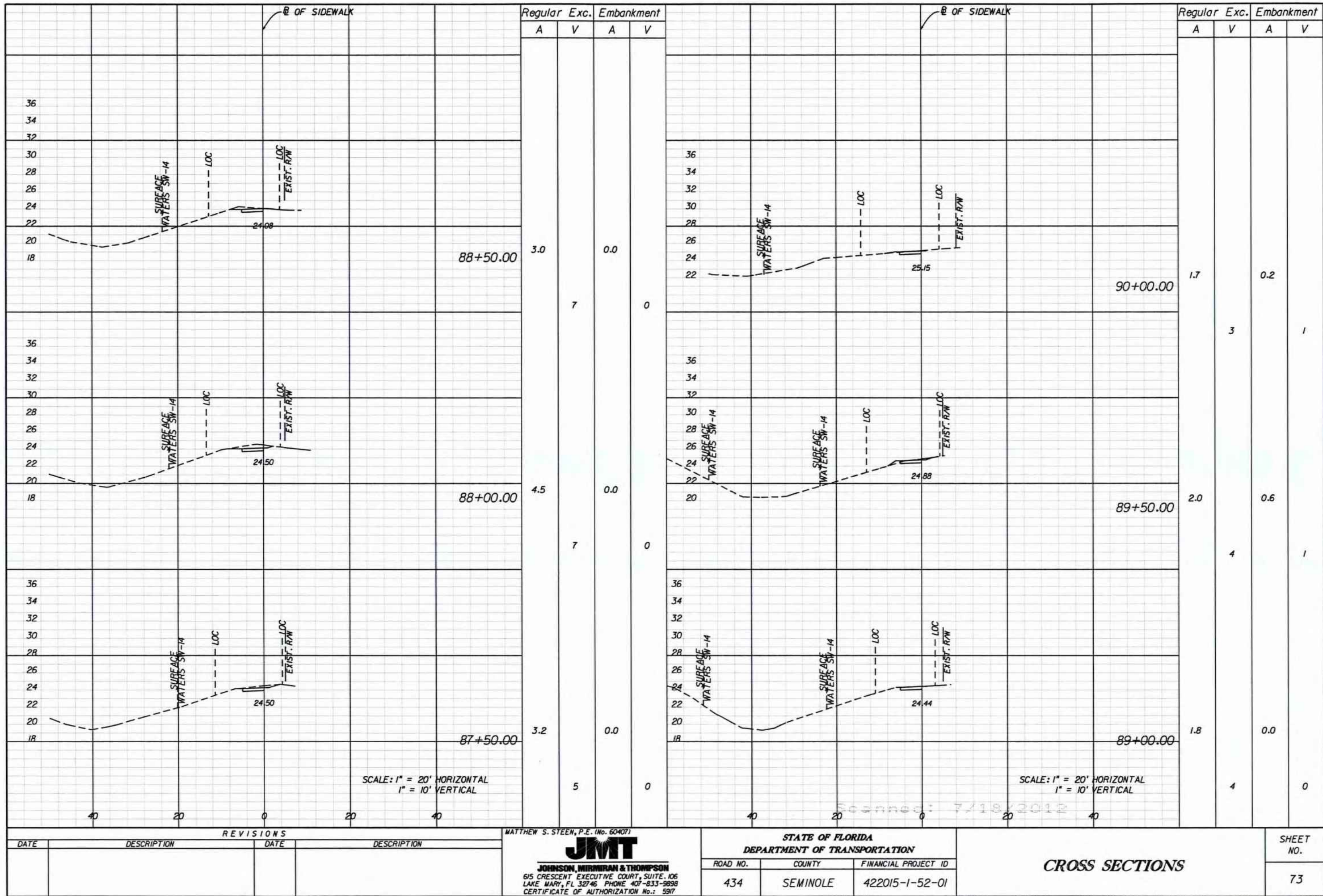
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CERTIFICATE OF AUTHORIZATION No.: 5917

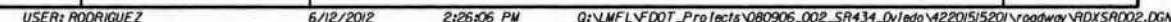
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

CROSS SECTIONS		SHEET NO.
		70

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1.0 SITE DESCRIPTION

1.a. NATURE OF CONSTRUCTION ACTIVITY:

This project involves roadway and drainage improvements to SR 434 between SR 417 and Mitchell Hammock Lane, a length of approximately 3.35 miles. Improvements include milling and resurfacing of the existing roadway, the addition of sidewalk and paved shoulders, driveway, signalization and minor drainage improvements. The project is located in Seminole County in Sections 3, 4, 10, 15 and 16, T 21 South, R 31 East.

1.b. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

The following sequence of major activities shall be followed unless the Contractor can propose an alternative that is equal to or better at controlling soil erosion and sediment deposition and is approved by the Engineer. The detailed sequence for the entire project can vary significantly from Contractor to Contractor. The Contractor is responsible for providing a detailed sequence of construction for all construction activities in the Section 104 Erosion Control Plan.

1. Installation of perimeter erosion and sediment control devices.
2. Clearing and grubbing for construction of roadway and drainage improvements.
3. Drainage, roadway and signal construction.
4. Stabilization of all areas.
5. Removal of erosion and sediment control devices.

1.c. AREA ESTIMATES:

Total site area = 34.72 AC
Total area to be disturbed = 6.46 AC

1.d. RUNOFF DATA:

Before	Runoff Coefficients During	After
0.48	0.58	0.60

Soils Data: In general, the project is composed of fine sands, ranging from well-drained to poorly drained.

Outfall Information: In general, runoff sheet flows to adjacent properties, is collected by intermittent ditches or small storm drain systems. There are nine (9) outfalls within the project limits which discharge as concentrated flow.

Outfall #1 Description: Existing storm drain system between Station 705+70 and 724+70. Runoff from the roadway is collected by the storm drain system and discharges to an existing wet pond adjacent to SR 417.
Location: Latitude 28° 41' 30" - Longitude -81° 13' 0"
Receiving waters Name: Unnamed wetlands to Lake Jesup

Outfall #2 Description: Existing storm drain system outfall at Station 739+30, LI.
Location: Latitude 28° 41' 30" - Longitude -81° 13' 15"
Receiving waters name: Unnamed wetlands to Lake Jesup

Outfall #3 Description: Existing cross drain at Station 742+30. Runoff from the roadway discharges to roadside ditches, ultimately draining to an existing cross drain.
Location: Latitude 28° 41' 30" - Longitude -81° 13' 15"
Receiving waters Name: Unnamed wetlands adjacent to Lake Jesup

Outfall #4 Description: Existing cross drain at Station 772+66. Runoff from the roadway in the vicinity of the curve on SR 434 drains to existing roadside ditches and stormwater facilities, ultimately draining to the cross drain.
Location: Latitude 28° 41' 30" - Longitude -81° 12' 30"
Receiving waters Name: Unnamed tributary to Lake Jesup

Outfall #5 Description: Existing storm drain system at Station 842+10. Runoff from the roadway is conveyed via storm drain system east along Franklin Street, ultimately draining to Sweetwater Creek.
Location: Latitude 28° 41' 15" - Longitude -81° 12' 30"
Receiving waters Name: Sweetwater Creek

Outfall #6 Description: Existing cross drain at Station 844+40. Runoff from the roadway sheet flows or is conveyed via shallow concentrated flow to an unnamed tributary crossing SR 434.
Location: Latitude 28° 40' 15" - Longitude -81° 12' 30"
Receiving waters Name: Unnamed tributary to Sweetwater Creek

Outfall #7 Description: Existing cross drain at Station 213+10. Runoff is conveyed east to an existing ditch adjacent to the Oviedo-Spring Hammock Trail.
Location: Latitude 28° 39' 30" - Longitude -81° 12' 30"
Receiving waters name: Sweetwater Creek

Outfall #8 Description: Existing storm drain outfall at Station 207+45. Runoff is conveyed east to unnamed wetlands.
Location: Latitude 28° 39' 15" - Longitude -81° 12' 30"
Receiving waters name: Sweetwater Creek

Outfall #9 Description: Existing storm drain outfall at Station 183+20. Runoff is conveyed west to an existing retention pond at Boston Hill Park.
Location: Latitude 28° 38' 45" - Longitude -81° 12' 30"
Receiving waters name: Bear Creek

1.e. SITE MAP

The construction plans are being used as the site maps. The location of the required information is described below. The sheet numbers for the sheets referenced are identified on the Key Sheet of these construction plans.

- * Drainage Patterns: In general, runoff is conveyed from the roadway by sheet flow to adjacent properties, by intermittent ditch flow or by storm drain flow.
- * Approximate Slopes: The slopes of the site can be seen on the Typical Section sheets, the Plan sheets, and the Cross Section sheets.
- * Areas of soil disturbance: The areas to be disturbed are indicated on the Plan sheets and the Cross Section sheets. Any areas where permanent features are shown to be constructed above or below ground will be disturbed.
- * Areas not to be disturbed: The areas not to be disturbed are shown on the Plan sheets and the Stormwater Pollution Prevention Plan sheets.
- * Locations of temporary controls: Temporary erosion and sediment controls are shown on the Stormwater Pollution Prevention Plan sheets. Tables providing summaries of the temporary erosion and sediment control items are shown on the Summary of Quantities sheets.
- * Location of permanent controls: N/A
- * Areas to be stabilized: Temporary stabilization practices include temporary seeding or sodding of disturbed areas. All disturbed areas will be permanently stabilized with asphalt, concrete or turf. Permanent stabilization is shown on the Typical Section sheets and the Plan sheets.
- * Surface waters: Locations of wetlands and surface waters are shown on the Plan sheets. Runoff draining to the north of SR 434 is ultimately conveyed to Lake Jesup, and runoff draining to the east of SR 434 is ultimately conveyed to Sweetwater Creek.
- * Discharge Points to Surface waters: The discharge points are shown on the Plan sheets.

1.f. RECEIVING WATERS:

See Items 1.d. and 1.e. for outfall locations and receiving water names.

2.0 CONTROLS

The following discussions define general guidelines for the sequence of construction and the use of stabilization and structural practices. The Contractor is also responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan. The following recommended guidelines are based on the erosion controls shown in the construction plans. The Contractor shall modify the plan to adapt to seasonal variation, changes in construction activities, and the need for better practices.

2.a.1. Stabilization Practices:

The Contractor shall describe the stabilization practices proposed to control erosion in the Section 104 Erosion Control Plan. The Contractor shall initiate all stabilization measures as soon as practical, but in no case shall more than 7 days pass in portions of the site where construction activities have temporarily or permanently ceased. The stabilization practices shall include at least the following, unless otherwise approved by the Engineer.

Temporary:

- * Seed and mulch, and sod in accordance with Specification Section 104.

Permanent:

- * Asphalt or concrete surface.
- * Performance Turf in accordance with Specification Section 570.

2.a.2. Structural Practices:

Temporary:

- * Sediment Barrier in accordance with Specification Section 104.
- * Inlet Protection Systems in accordance with Specification Section 104.

All sediment controls shall be in place prior to any soil-disturbing activity upstream of the control. Additional erosion and sediment control devices may be utilized as directed by the Engineer.

Permanent:

- * Performance Turf.

The Contractor is also responsible for documenting this portion of the SWPPP in the Section 104 Erosion Control Plan.

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2.b. STORMWATER MANAGEMENT:

Ditches and storm sewer systems convey runoff.

The Contractor is responsible for providing an Erosion Control Plan for all staging and stockpile areas used on the project. All staging and stockpiling areas shall be located in upland areas. At least 45 days prior to the start of construction, the permittee shall submit a detailed erosion and sediment control plan, developed by the contractor responsible for construction, to the St. John's River Water Management District for written approval. The plan shall detail all erosion and sediment control measures to be implemented both during and after construction. A minimum plan shall include:

- * Identification of any areas where any pumping will be performed during construction;
- * Details of specific erosion and sediment control measures to be implemented to control the discharge of turbid water due to any pumping activities; and
- * Construction sequencing and details of all erosion and sediment control measures to be implemented during each sequence.

Construction will not commence until the permittee receives written approval of the plan from the St. Johns River Water Management District. The Contractor is responsible for meeting the conditions listed in the ERP.

2.c. OTHER CONTROLS:

2.c.1. Waste Disposal:

The Contractor will provide litter control and collection within the project boundaries during construction activities. All fertilizer, hydrocarbon, or other chemical containers shall be disposed of by the Contractor according to EPA's standard practices as detailed by the manufacturer. No solid materials including building and construction materials shall be discharged to wetlands or buried on site. In the Section 104 Erosion Control Plan, the contractor shall document this portion of the SWPPP.

2.c.2. Offsite vehicle tracking:

In the Section 104 Erosion Control Plan, the Contractor shall describe the proposed methods for minimizing offsite vehicle tracking of sediments and generating dust. The proposed methods shall include at least the following, unless otherwise approved by the Engineer:

- * Loaded haul trucks to be covered by a tarpaulin
- * Excess dirt on road shall be removed
- * The contractor will provide pollution control by implementing dust control with roadway sweepers during the dust generating activities such as excavation and milling operations.

2.c.3. Sanitary Waste:

All sanitary waste will be collected from portable units by a licensed sanitary waste management contractor as required by state regulations.

2.c.4. Fertilizers and Pesticides:

Fertilizer will be applied according to applicable subsections of either Section 570 or 577 of the FDOT Standard Specifications. The Contractor is solely responsible for documenting the use of pesticides in the Section 104 Erosion Control Plan.

2.c.5. Toxic Substances:

The Contractor will provide FDOT with an Erosion Control Plan that will include toxic substance and spill containment, reporting and response. The plan shall specify what management practices and containment methods will be used to prevent potential pollutants (fuels, lubricants, herbicides, etc.) from spilling onto or into surface waters. If a spill does occur, or if contaminated soil or groundwater is encountered, contact the District Hazardous Materials Coordinator at (386) 943-5000.

2.d.4. Permits:

This project requires an Environmental Resource Permit from the St. Johns River Water Management District (SJRWMD) in accordance with Section 40C-40. This project requires a permit from the U.S. Army Corps of Engineers.

A NPDES permit is required for disturbance over 1 acre.

3.0 MAINTENANCE

The Contractor will be responsible for the maintenance and repairs of erosion and sediment control devices as per Section 104 of the FDOT Standard Specifications for Road and Bridge Construction. The maintenance of these devices will occur until the Engineer has deemed the area permanently stabilized. It will be the responsibility of the Contractor to remove all temporary erosion and sediment control devices once they have served their purpose.

The following practices will be used to maintain erosion and sediment controls:

- * The Contractor shall install and maintain rain gauges on the project site and record daily rainfall in accordance with the NPDES permit.
- * All measures will be maintained in good working order. If a repair is necessary, remediation shall be performed immediately. Maintenance and repair required for the control and abatement of erosion and water pollution shall be included in the cost Pay Item No. 104-10-3.
- * Sediment Barrier - 1 year replacement interval in accordance with Section 104 of the Standard Specifications. Built-up sediment will be removed from the sediment barrier when it reaches one-half the height of the barrier or in the event water flow is impeded.
- * Inlet Protection System - Remove sediment when it reaches one-half of height of the system.

4.0 INSPECTIONS:

Qualified personnel shall inspect the following items at least once every seven (7) days and within twenty-four (24) hours of the end of a storm that is 0.50 inches or greater until the Notice of Termination is filed with the FDEP. SWPPP Construction Inspection Reports are to be completed on a weekly basis and after any 0.50 inch rainfall event. The inspections shall include, but not be limited to:

- * Points of discharge to water of the United States
- * Points of discharge to municipal separate storm sewer systems
- * Disturbed areas of the site that have not been finally stabilized
- * Areas used for storage of materials that are exposed to precipitation
- * Structural controls
- * Stormwater management systems
- * Locations where vehicles enter or exit the site

5.0 NON-STORM WATER DISCHARGE:

The Contractor will provide FDOT with Erosion Control Plans that will include toxic substance and spill containment, reporting and response.

The plan shall specify what management practices and containment methods will be used to prevent potential pollutants (fuels, lubricants, herbicides, etc.) from spilling onto or into surface waters. If a spill does occur, or if contaminated soil or groundwater is encountered, construction shall stop immediately and shall not resume until directed by the Engineer. Disposition of hazardous waste will be made in accordance with any requirements and regulations of any local, state or federal agency having jurisdiction. The Contractor shall contact the District Hazardous Materials Coordinator at (386) 943-5000.

If dewatering is required, the contractor must abide by the FDEP Rule 62-621.300 (2) for Generic Permit for the Discharge of Produced Ground Water from any Non-Contaminated Site Activities. A dewatering permit from SJRWMD may be required.

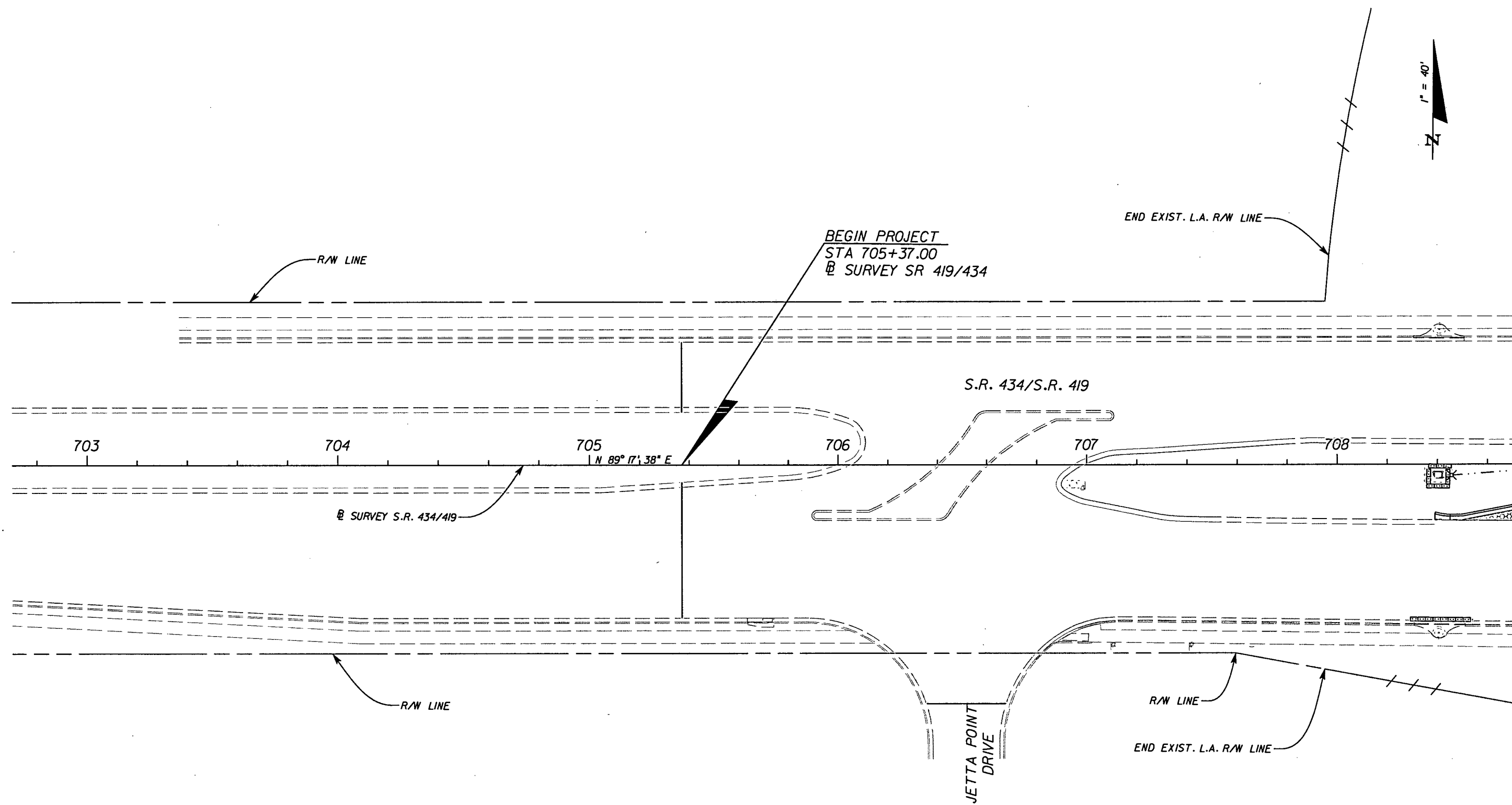
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

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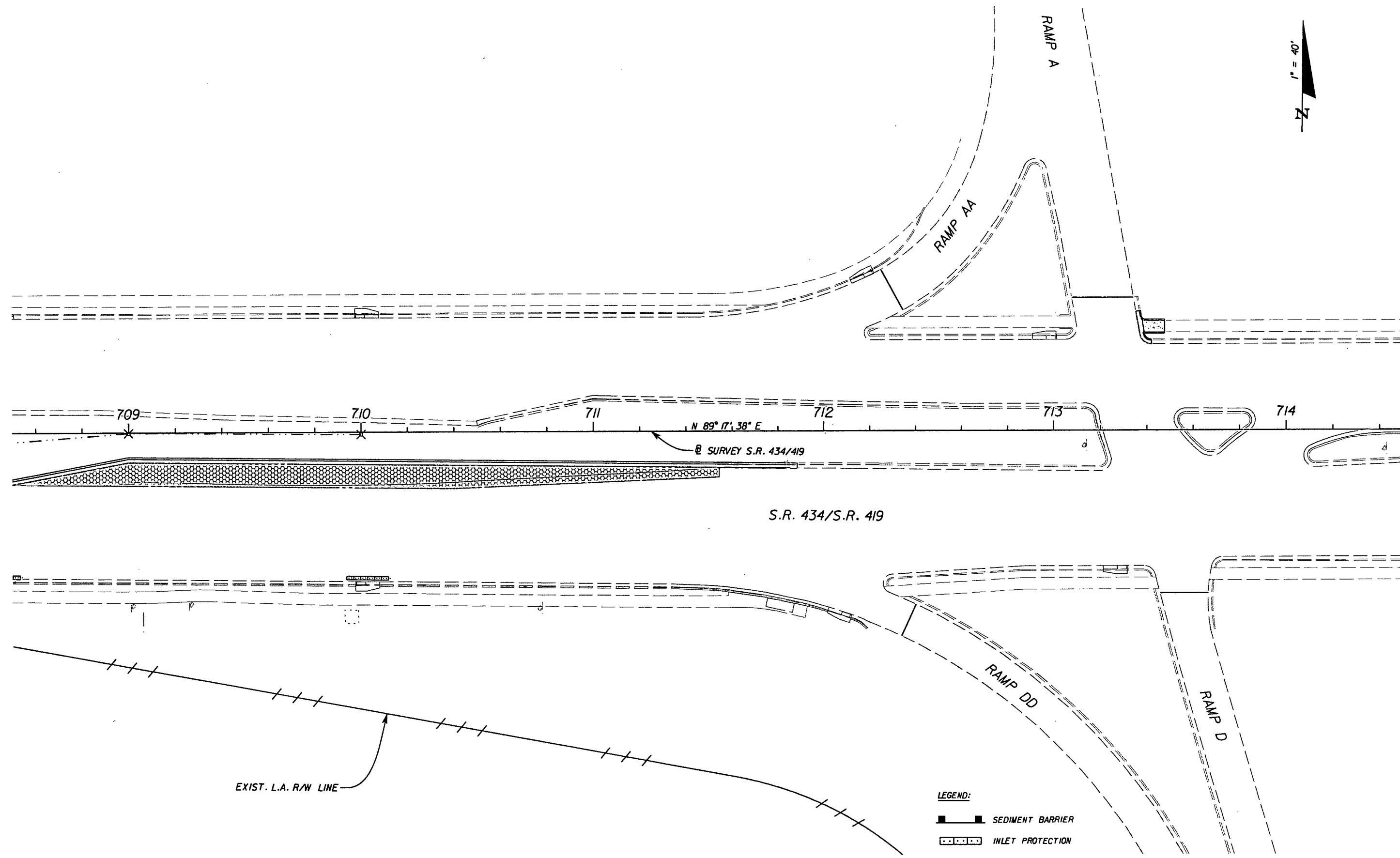
- SEDIMENT BARRIER
- INLET PROTECTION

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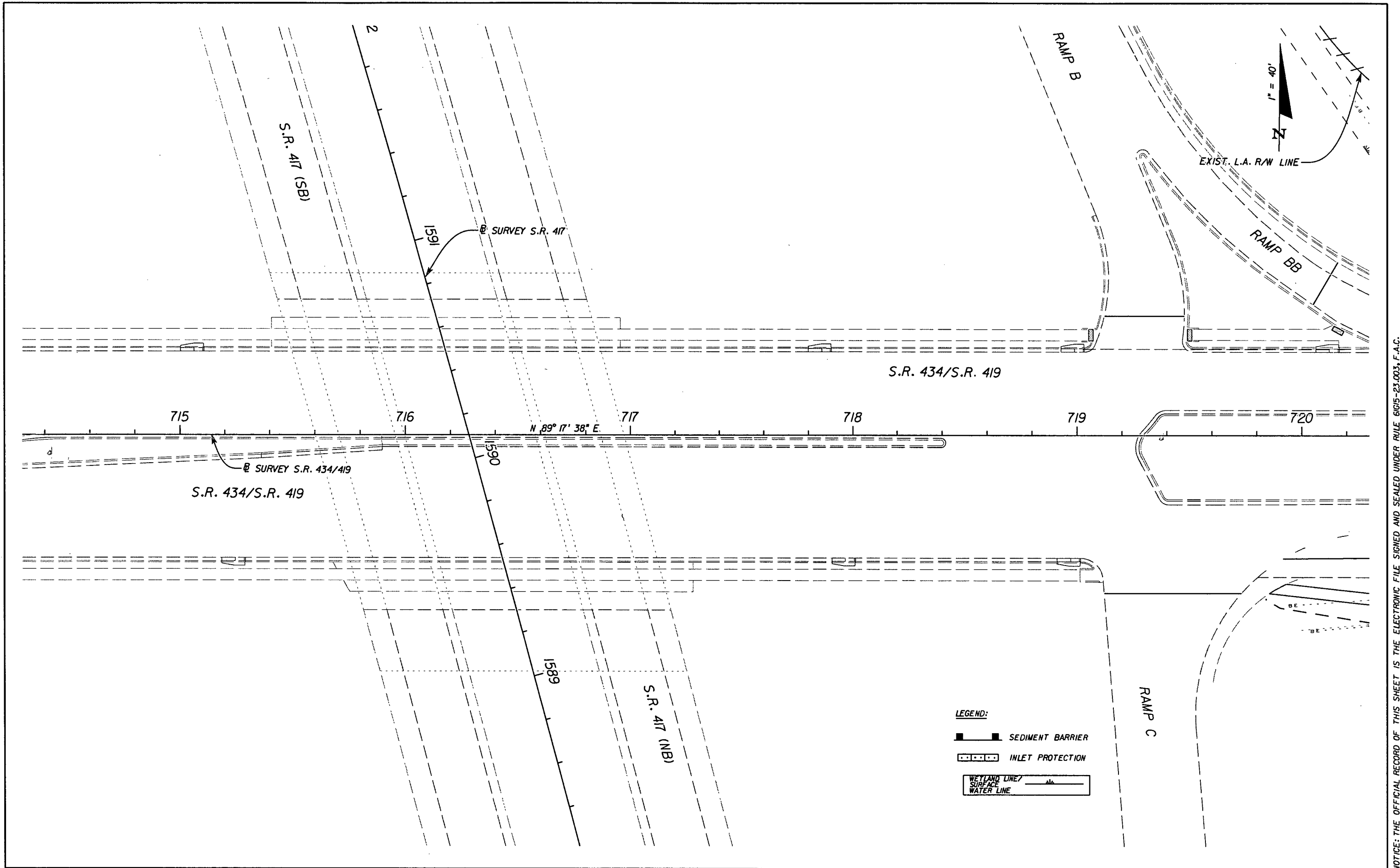
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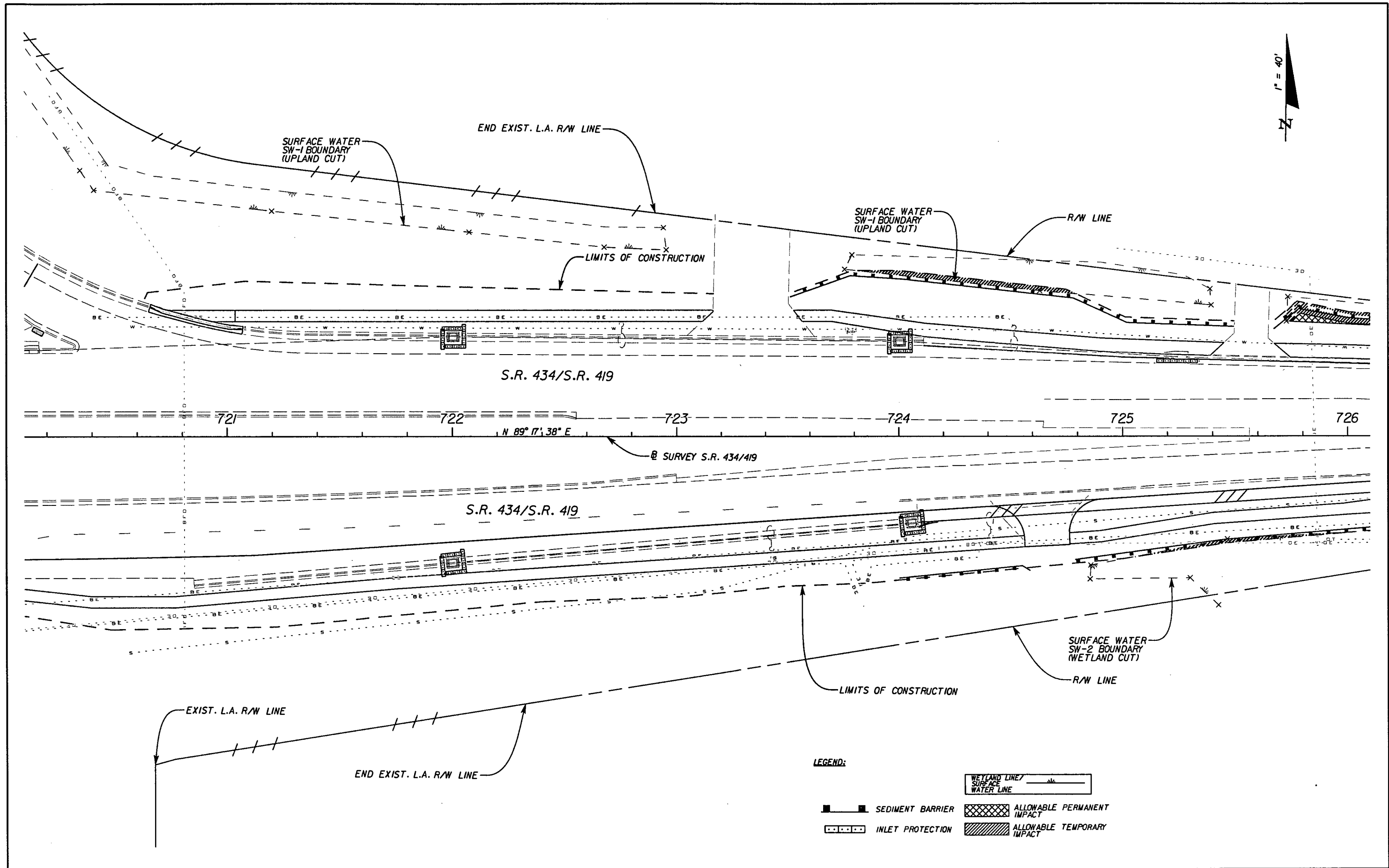
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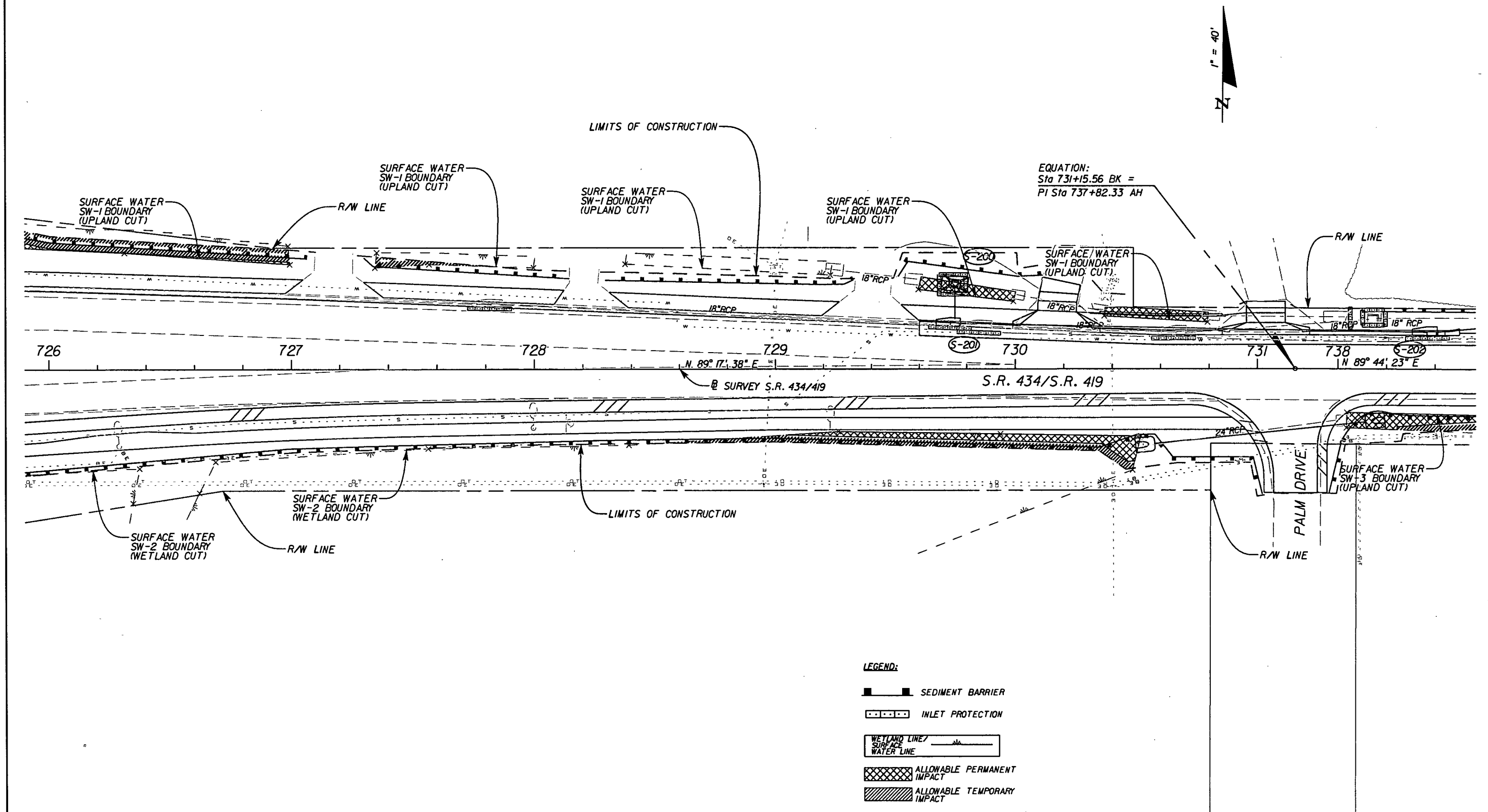
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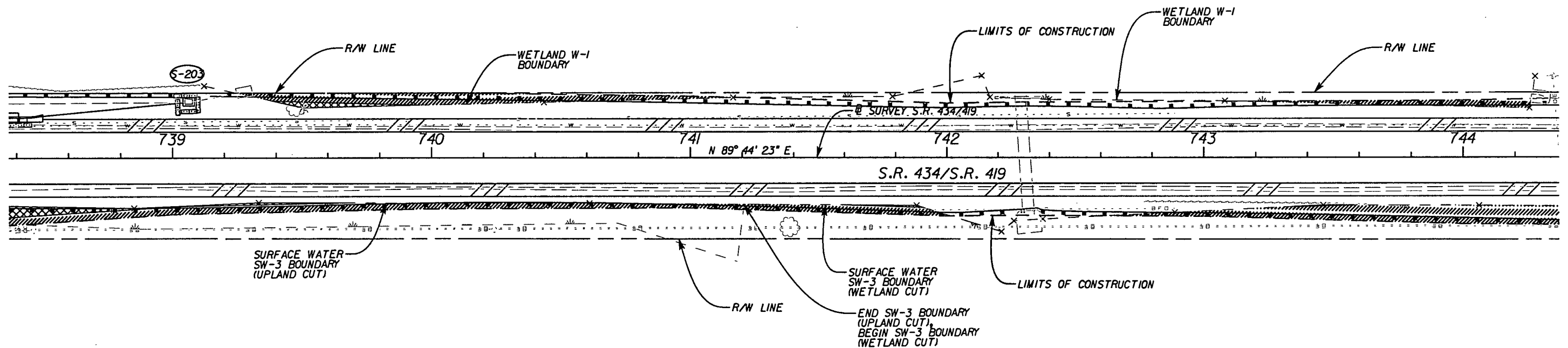
REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 80
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

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REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 81
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

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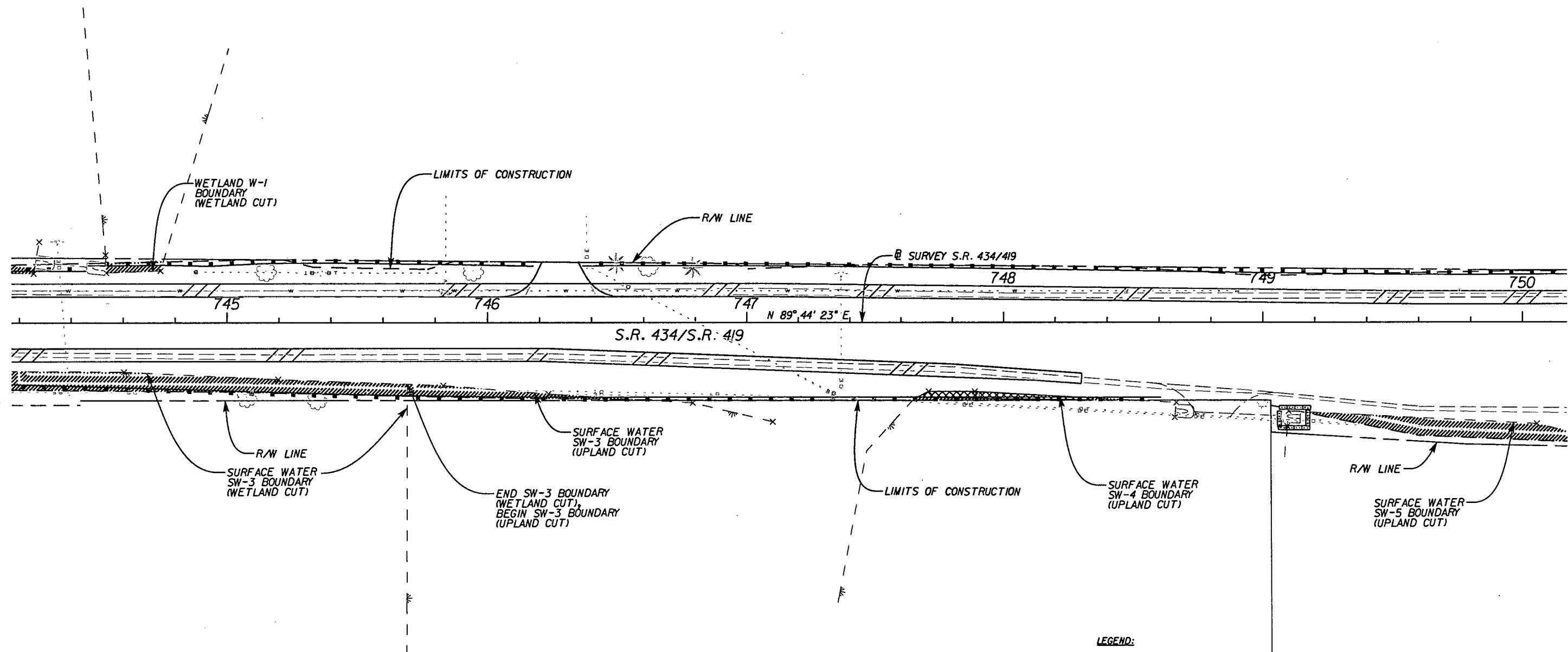


LEGEND:

- SEDIMENT BARRIER
- INLET PROTECTION
- WETLAND LINE / SURFACE WATER LINE
- ALLOWABLE PERMANENT IMPACT
- ALLOWABLE TEMPORARY IMPACT

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		82

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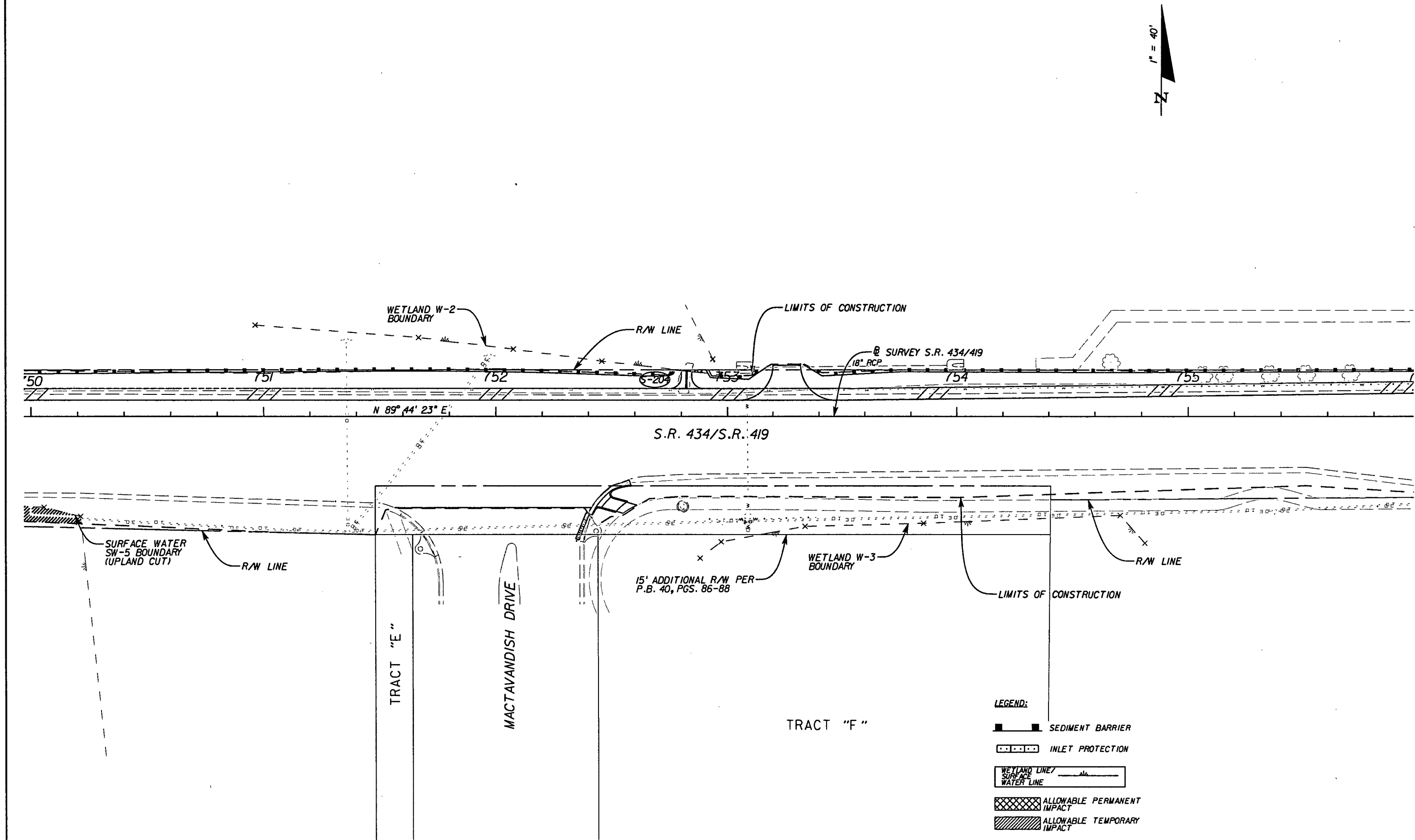
LEGEND:

- SEDIMENT BARRIER
- INLET PROTECTION
- WETLAND LINE / SURFACE WATER LINE
- ALLOWABLE PERMANENT IMPACT
- ALLOWABLE TEMPORARY IMPACT

REVISIONS						JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 83
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

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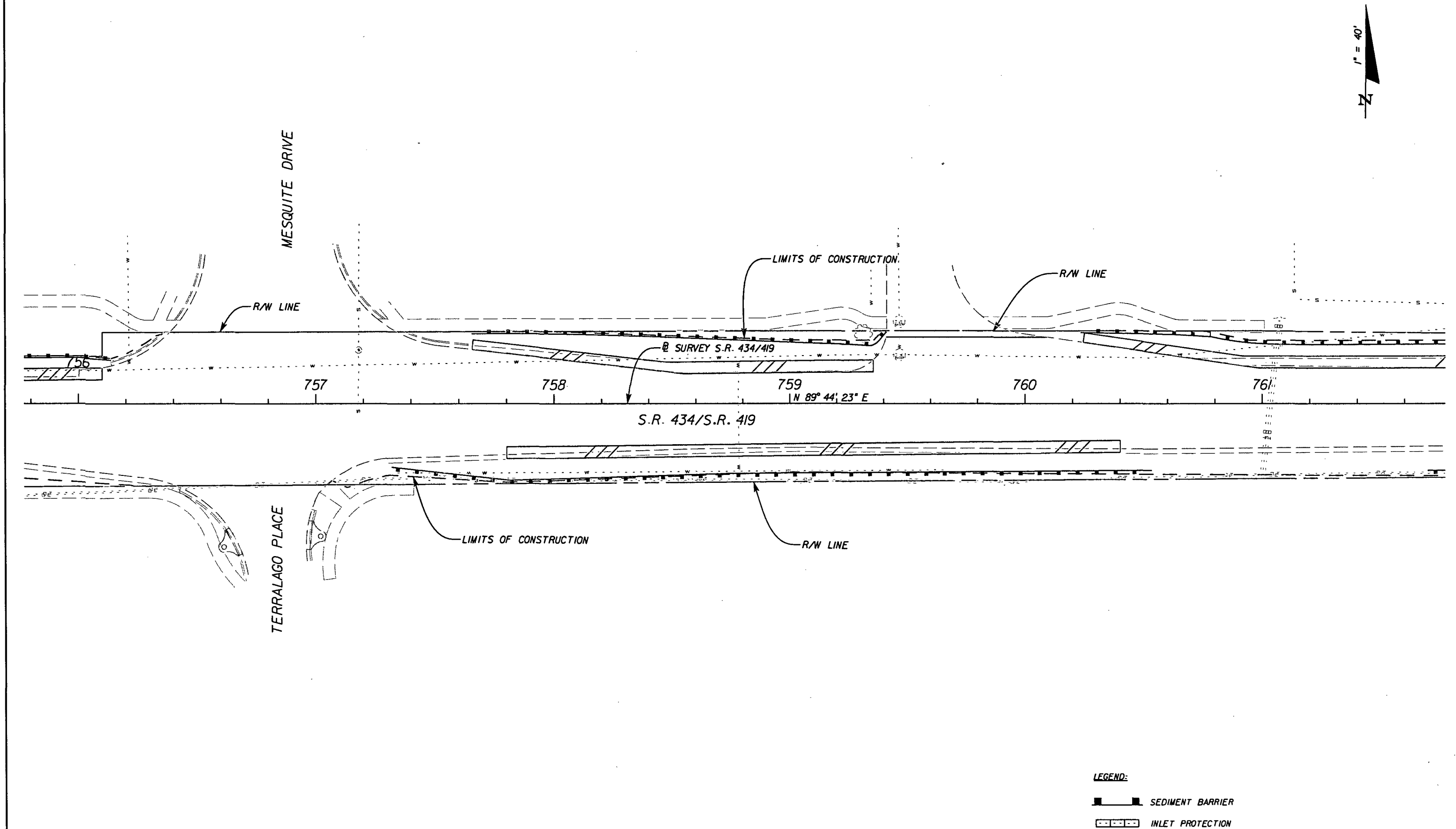


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REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MURMURAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32745 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		84
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

SJRWMID: mpacheco 40-117-131032-1 7/17/2012

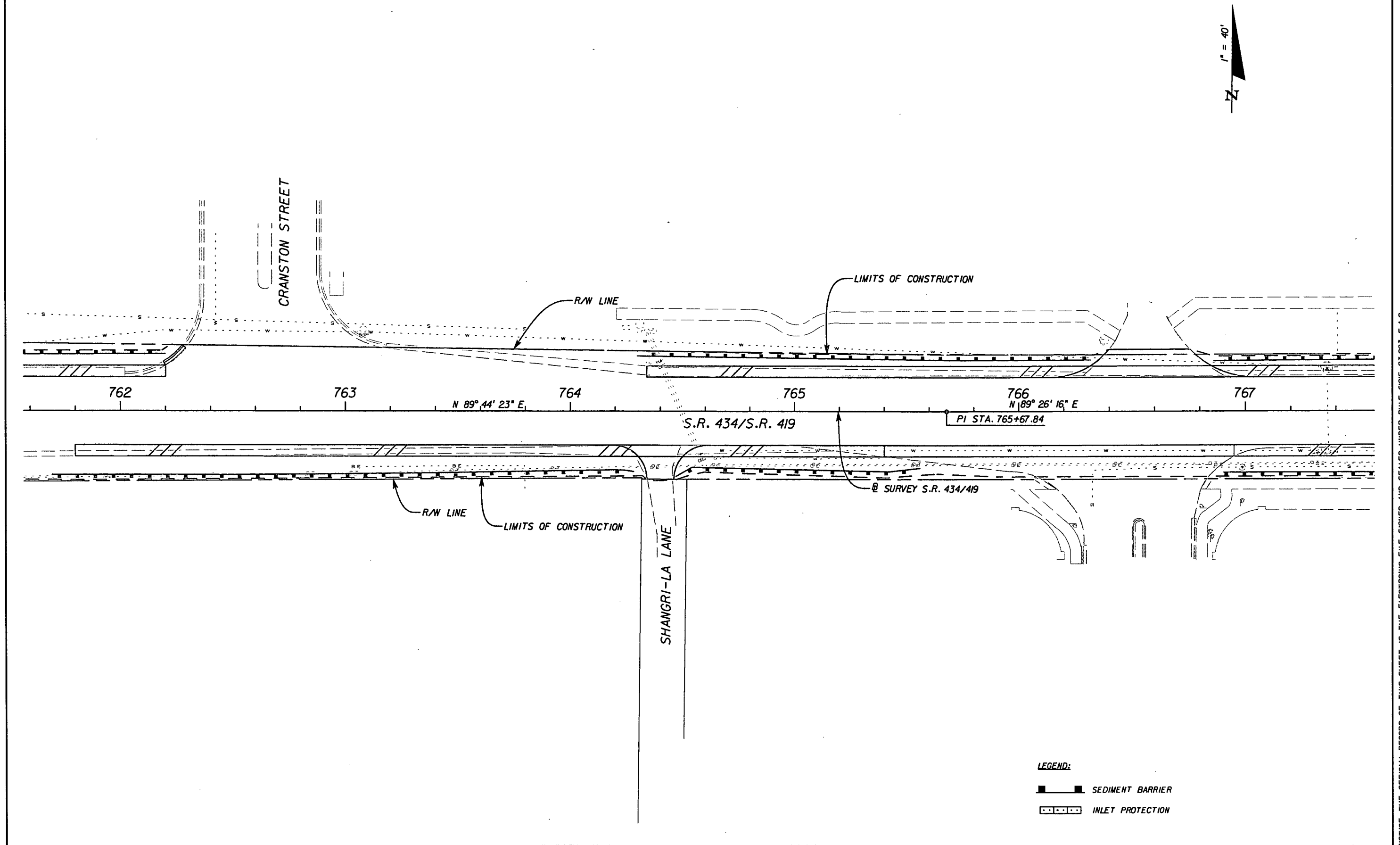


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REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 85
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							434	SEMINOLE	422015-1-52-01			

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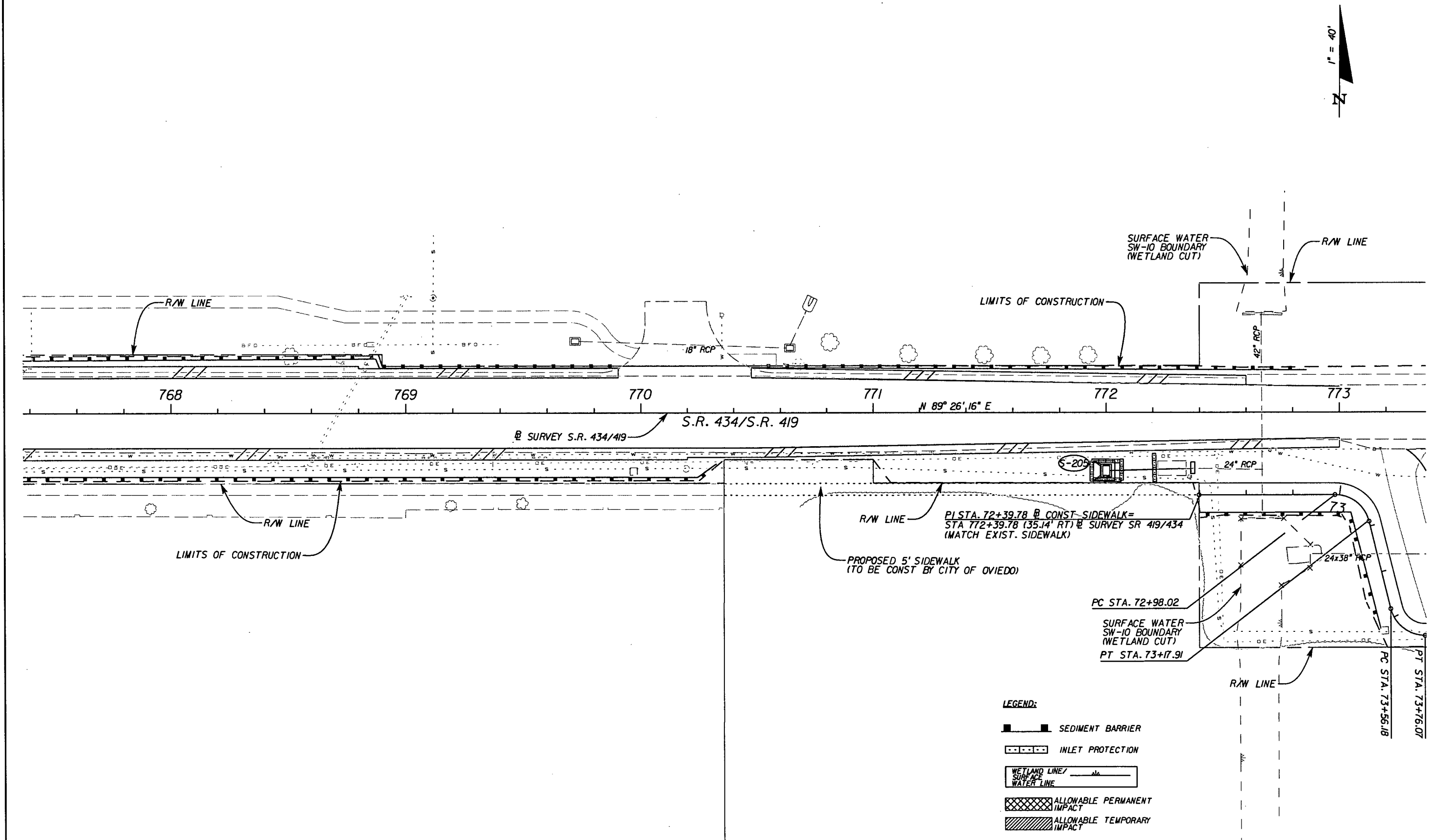


REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 86
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRNIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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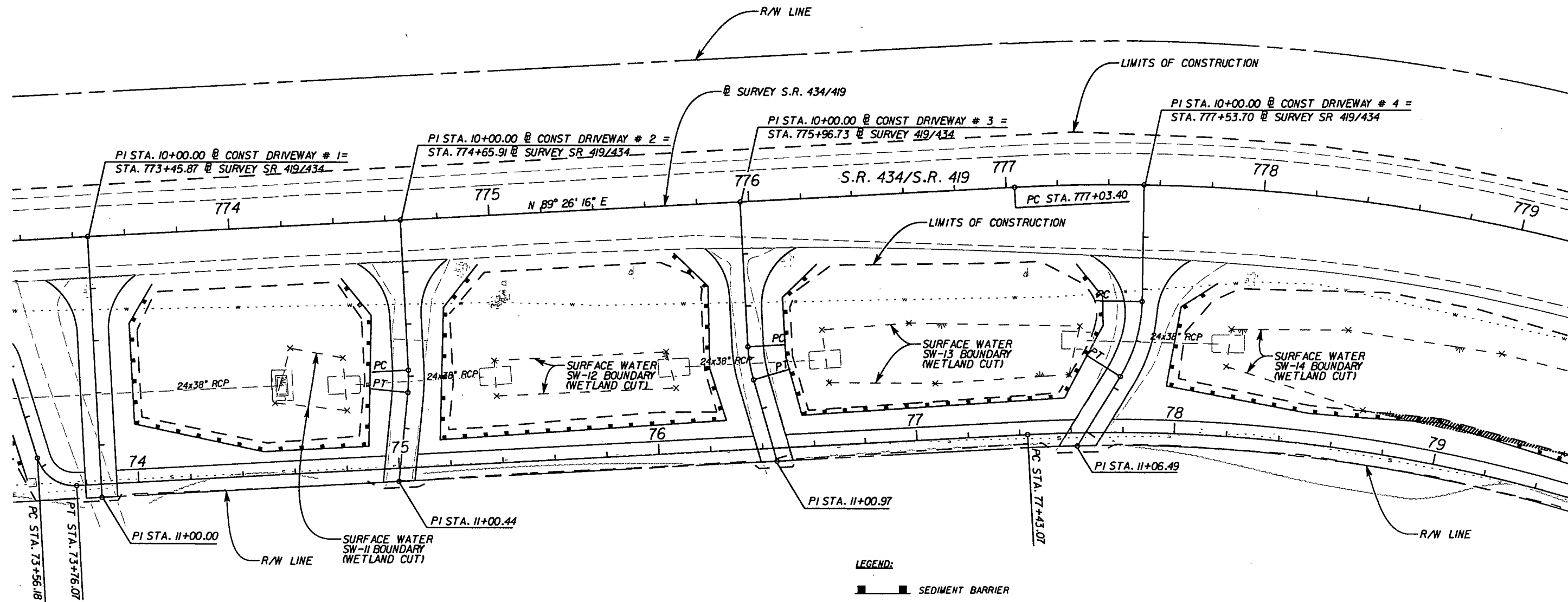


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REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 87
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

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LEGEND:

- SEDIMENT BARRIER
- INLET PROTECTION
- WETLAND LINE/
SURFACE
WATER LINE
- ALLOWABLE PERMANENT
IMPACT
- ALLOWABLE TEMPORARY
IMPACT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

J. ALEXANDER GEORGE, P.E. (No. 59006)
JMT
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

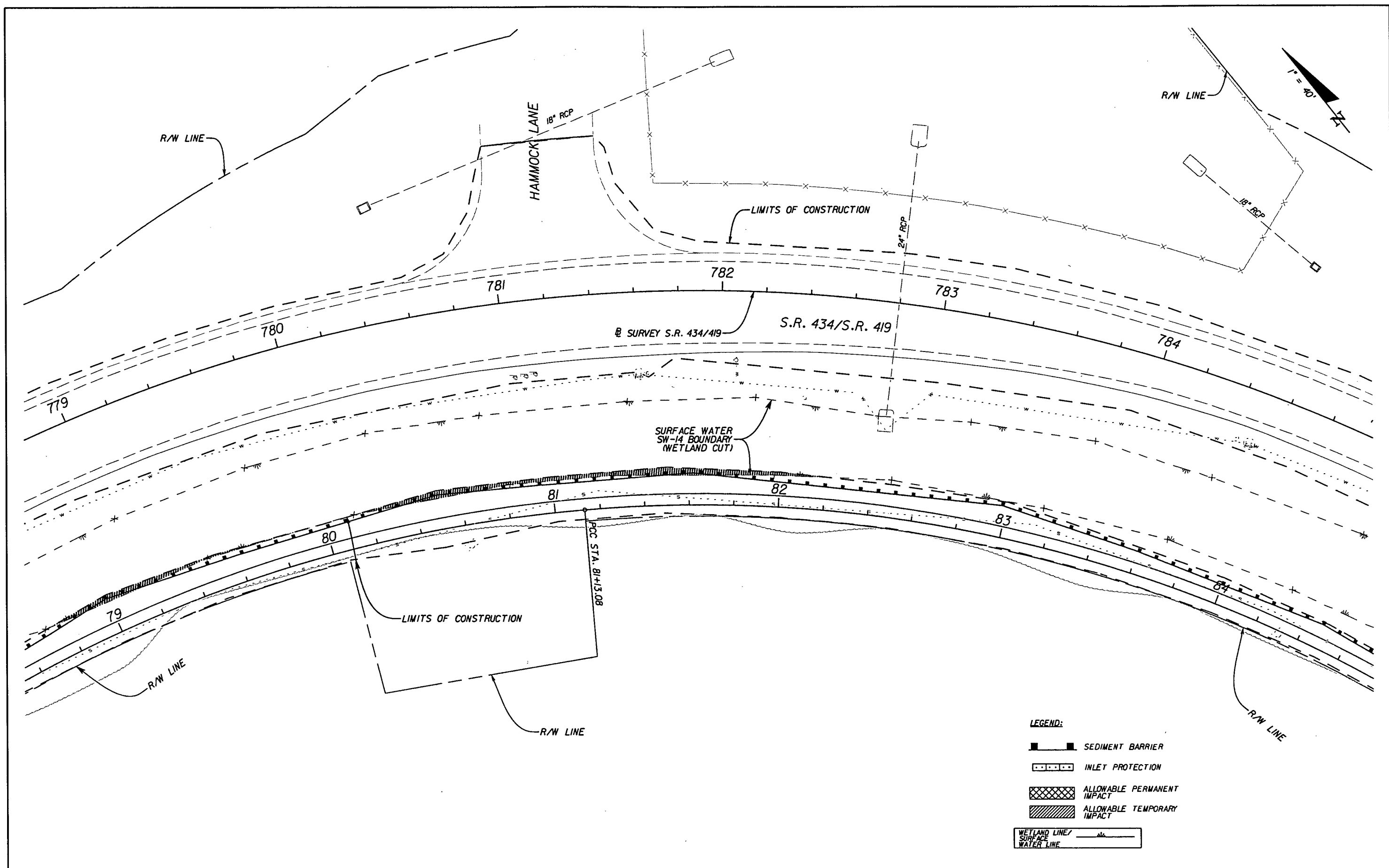
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

STORMWATER POLLUTION PREVENTION PLAN	

SHEET NO.
88

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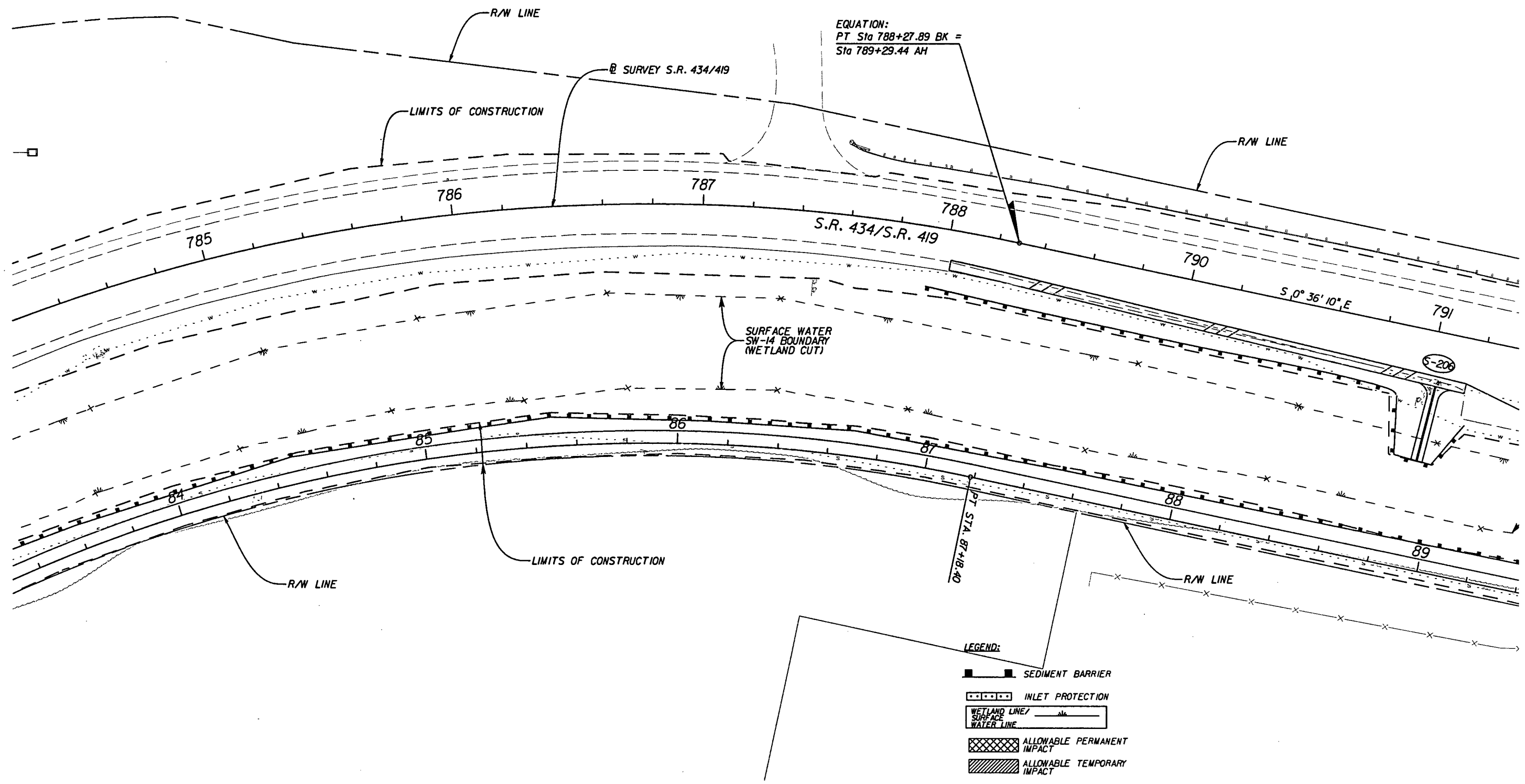
REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 89
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

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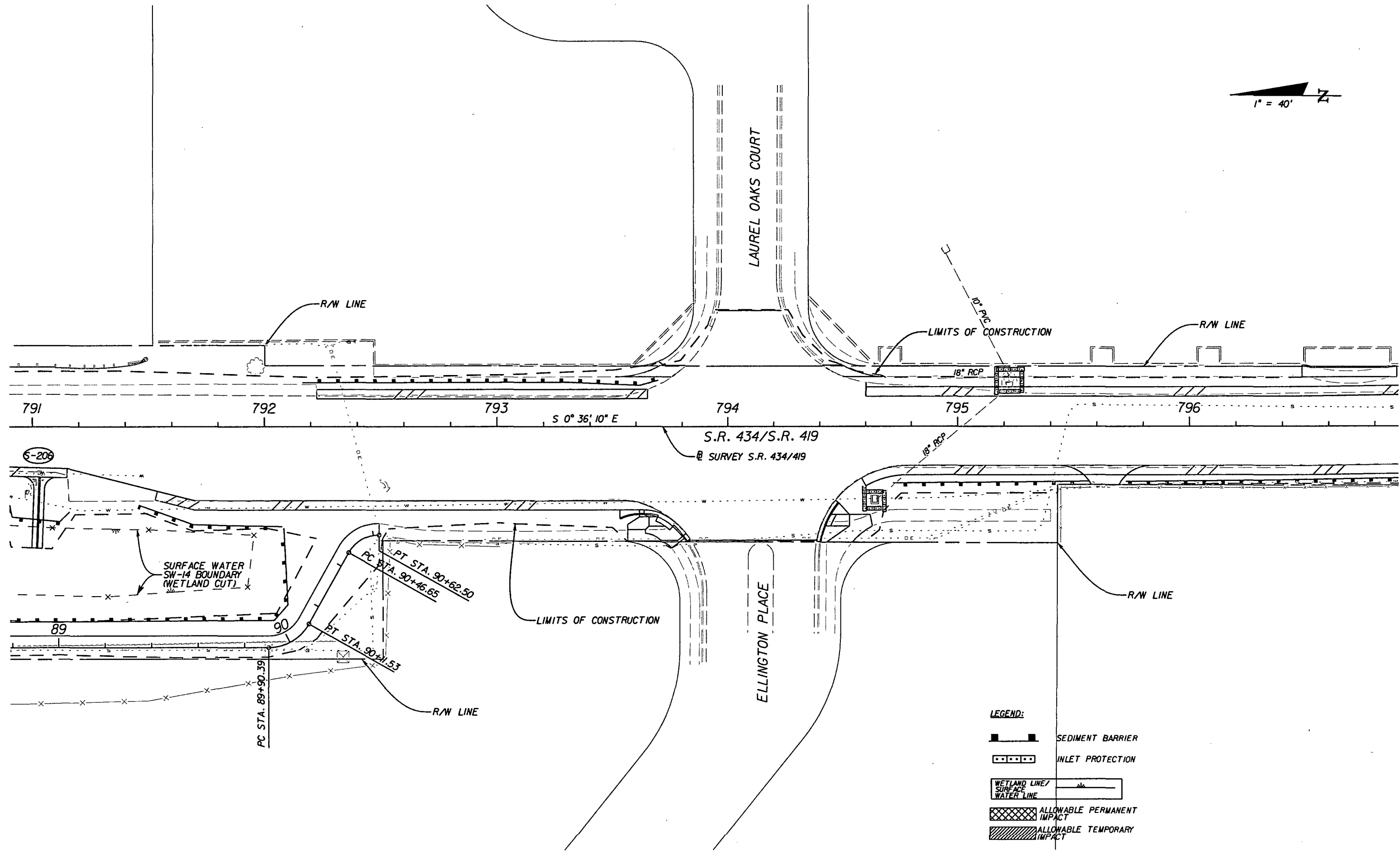
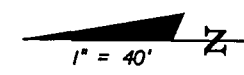
SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 90
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							434	SEMINOLE	422015-1-52-01			

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

J. ALEXANDER GEORGE, P.E. (No. 59006)
JMT
JOHNSON, MITCHELL & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

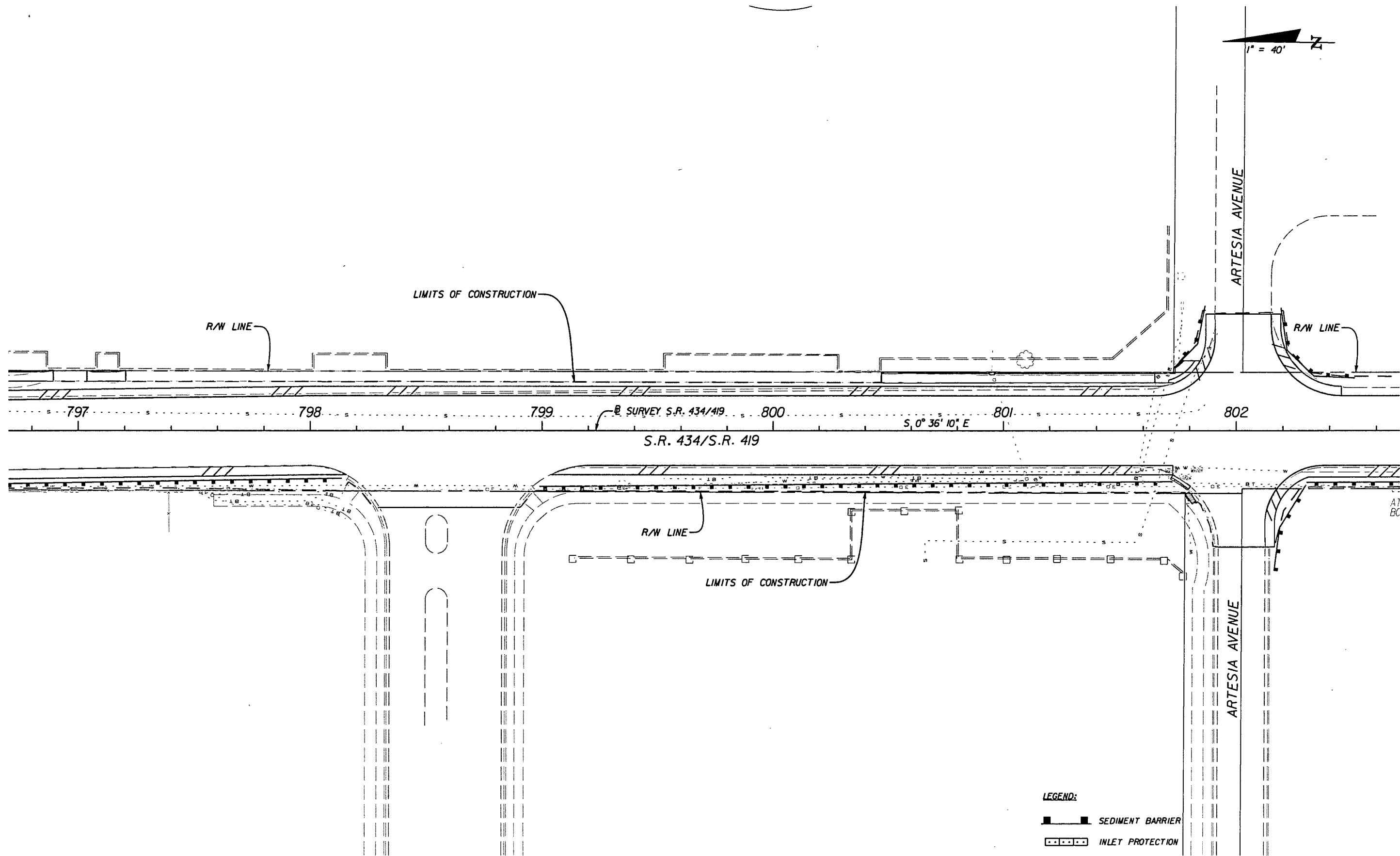
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

STORMWATER POLLUTION
PREVENTION PLAN

SHEET NO.
91

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SJRWMID: mpacheco 40-117-131032-1 7/17/2012

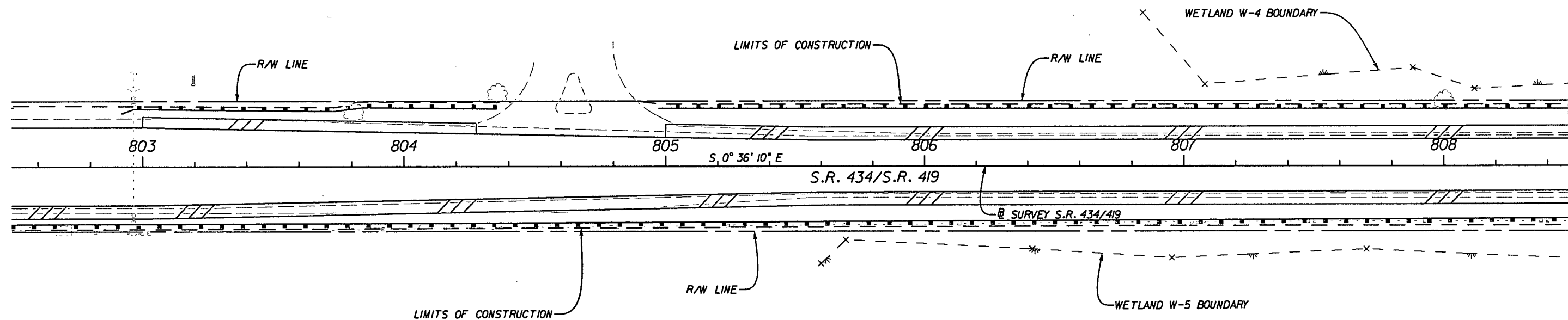
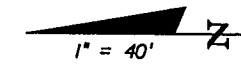


- LEGEND:
- SEDIMENT BARRIER
 - INLET PROTECTION

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)  JOHNSON, MURPHY & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		92
							434	SEMINOLE	422015-1-52-01		

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LEGEND:

- SEDIMENT BARRIER
- INLET PROTECTION
- WETLAND LINE
- ALLOWABLE PERMANENT IMPACT
- ALLOWABLE TEMPORARY IMPACT

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)  JOHNSON, MURPHY & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		93
							434	SEMINOLE	422015-1-52-01		

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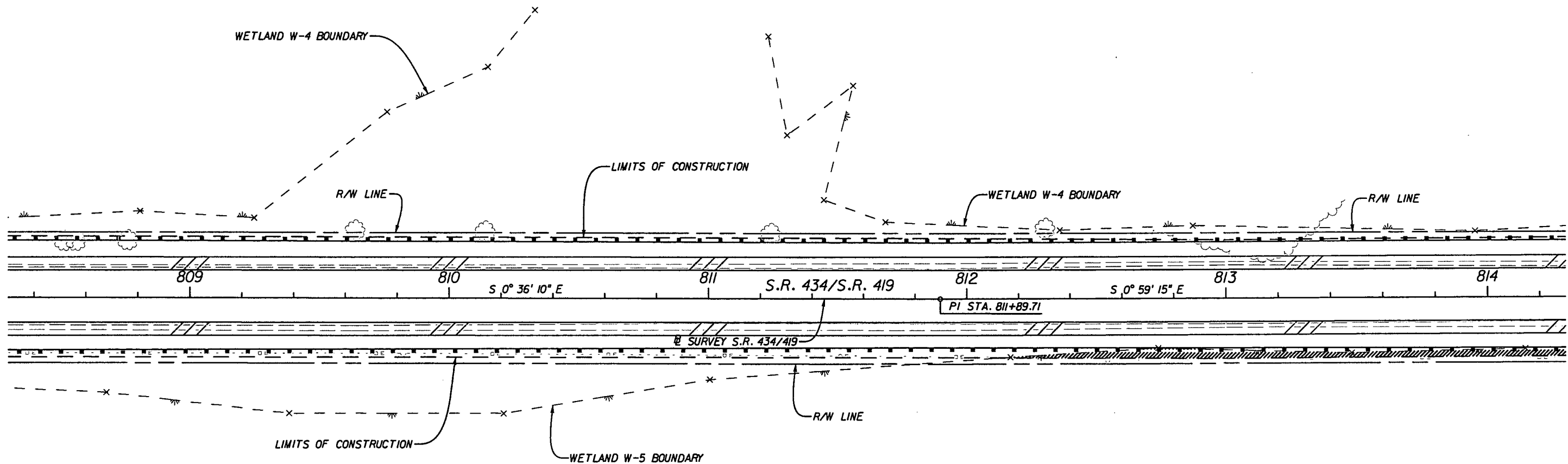
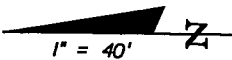
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LEGEND:

SEDIMENT BARRIER

INLET PROTECTION

WETLAND LINE

ALLOWABLE PERMANENT IMPACT

ALLOWABLE TEMPORARY IMPACT

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRAMAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 94
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
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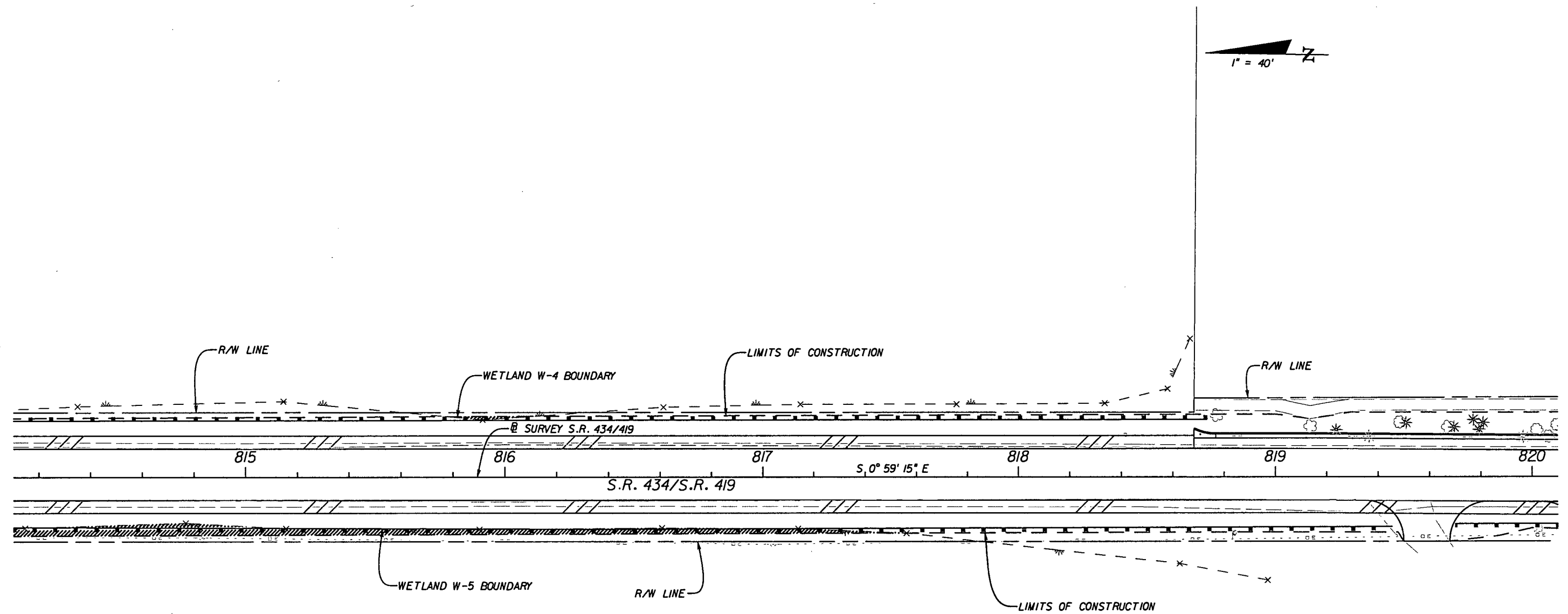
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LEGEND:

-  SEDIMENT BARRIER
-  INLET PROTECTION
-  WETLAND LINE
-  ALLOWABLE PERMANENT IMPACT
-  ALLOWABLE TEMPORARY IMPACT

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)  JOHNSON, MIRAMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		95
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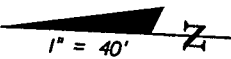
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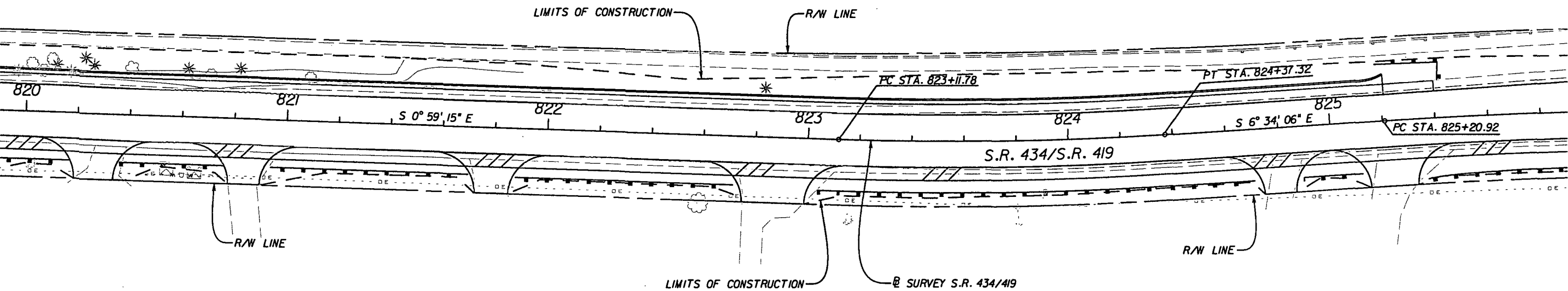
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SWEETWATER CREEK CIRCLE

1" = 40' 

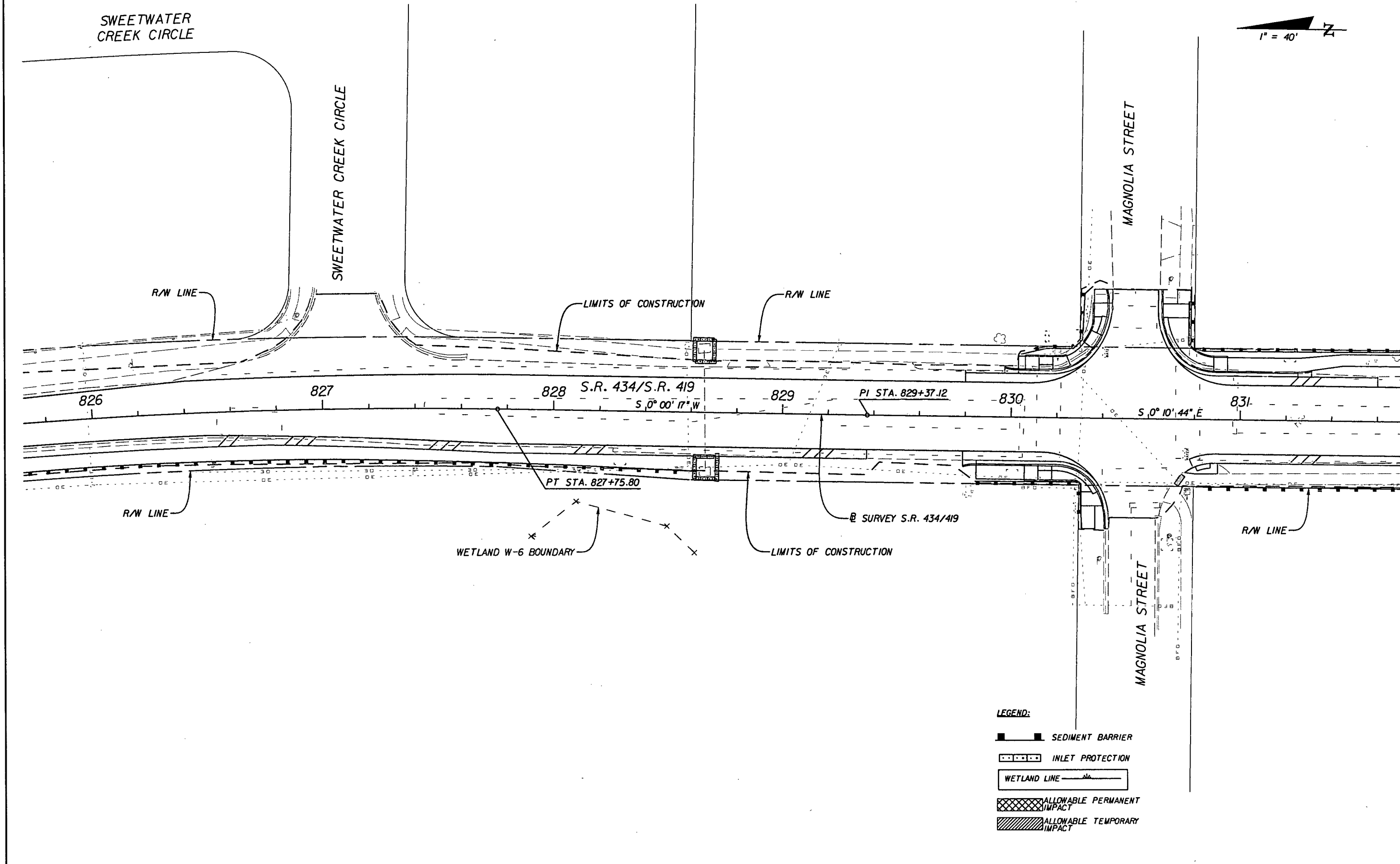


- LEGEND:
-  SEDIMENT BARRIER
 -  INLET PROTECTION

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)  JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01	96	

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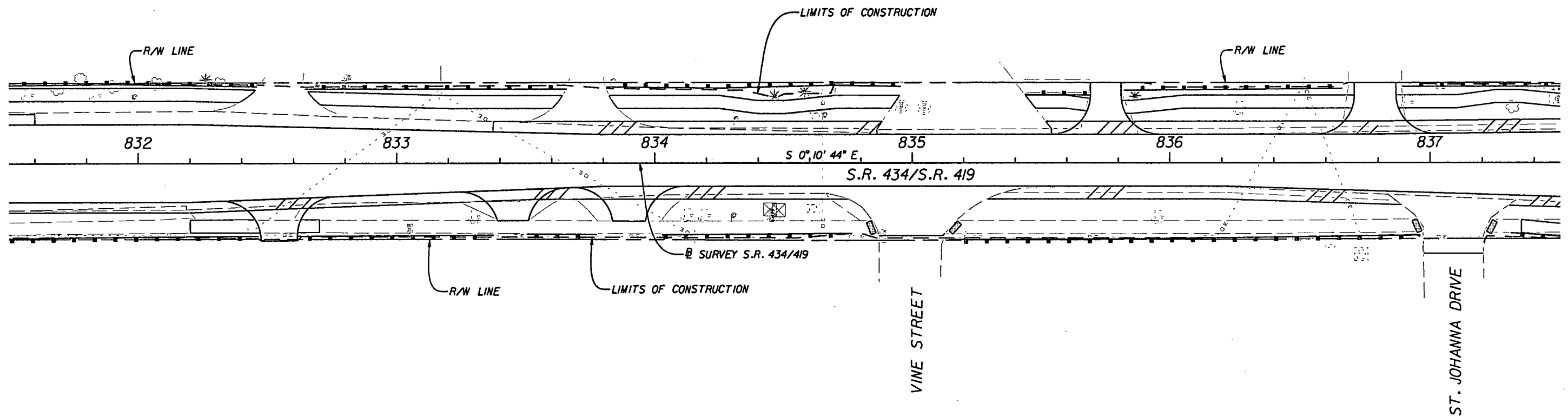
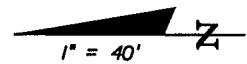


REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 97
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							434	SEMINOLE	422015-1-52-01			

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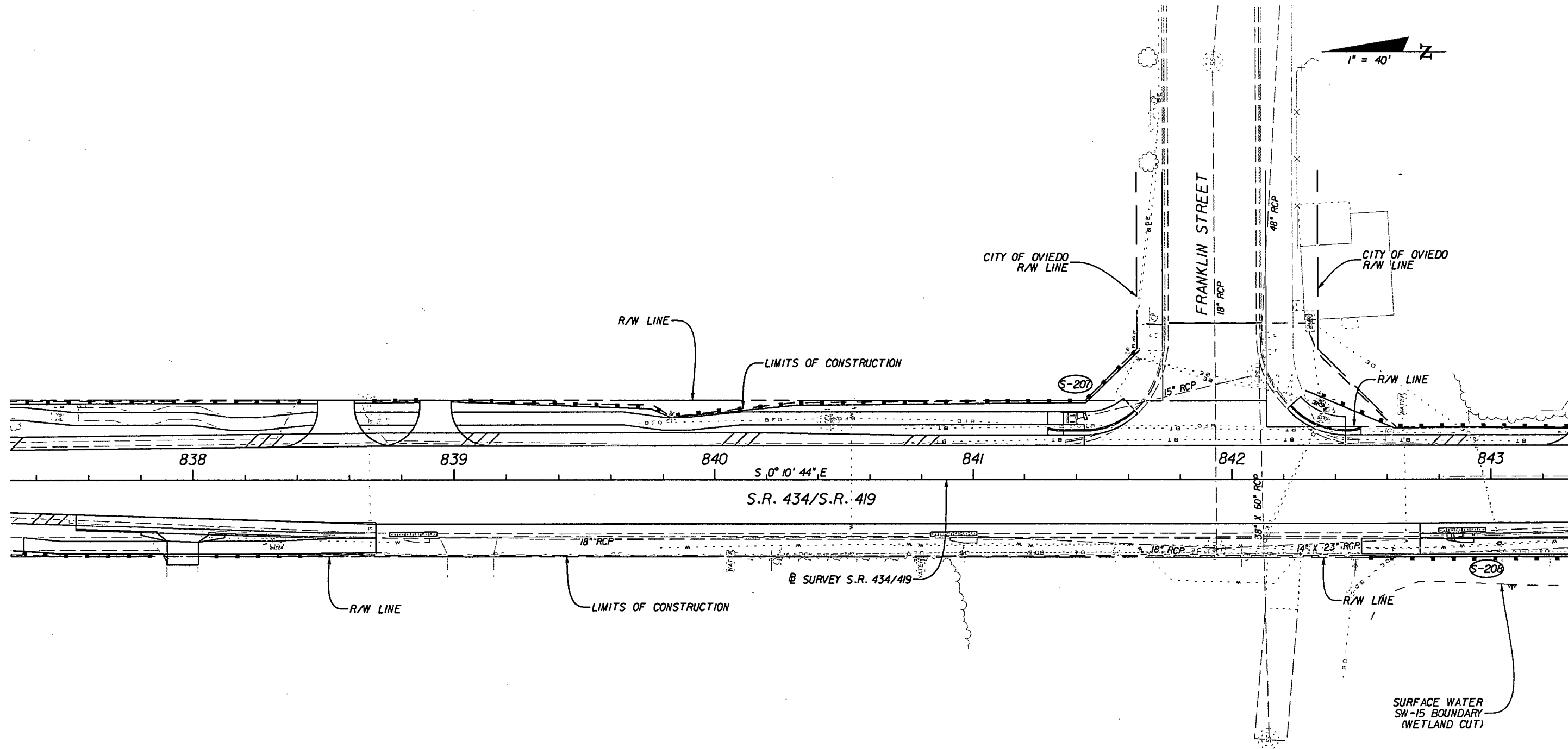


LEGEND:

- SEDIMENT BARRIER
- INLET PROTECTION

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		98

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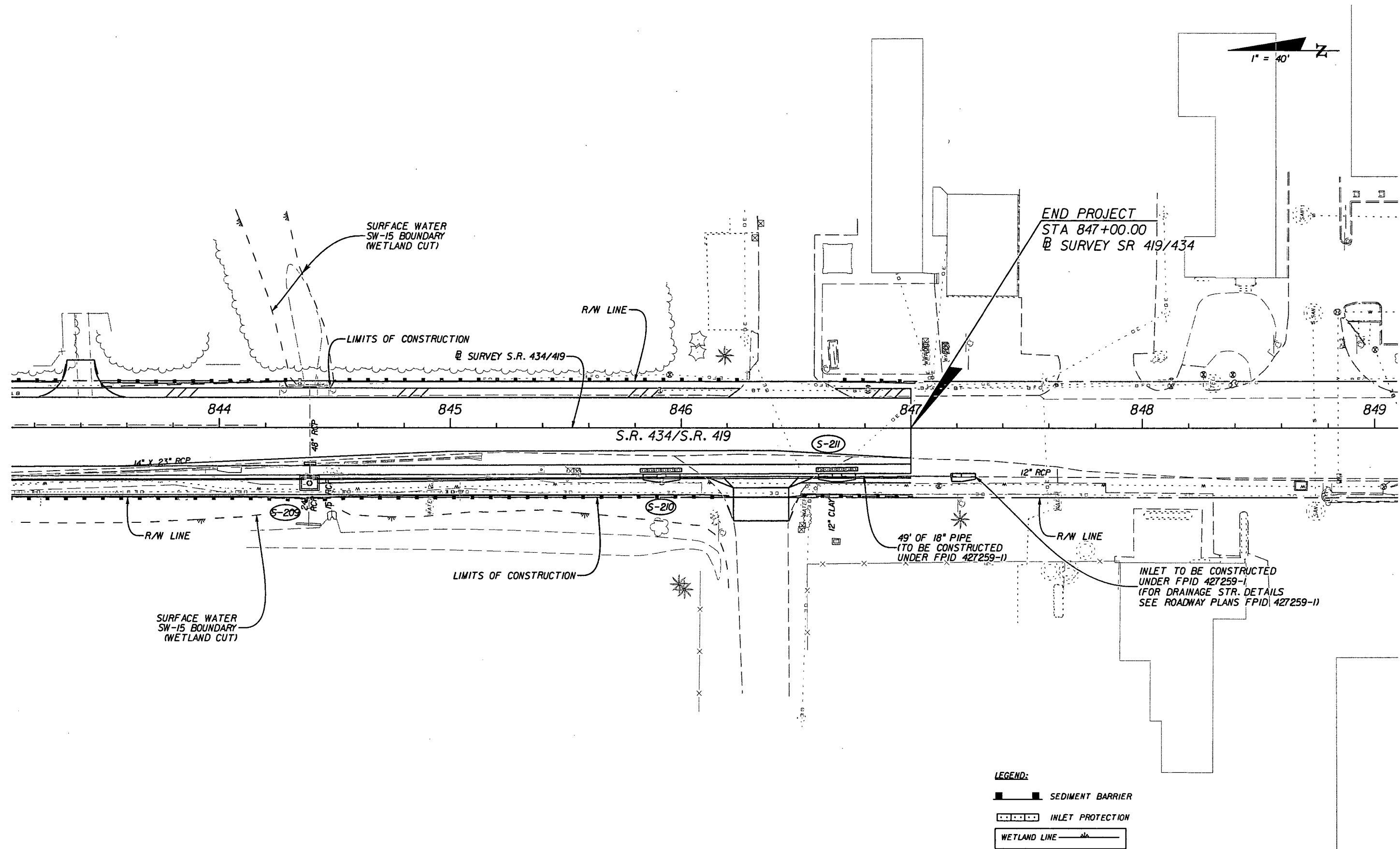


LEGEND:

- SEDIMENT BARRIER
- INLET PROTECTION
- WETLAND LINE

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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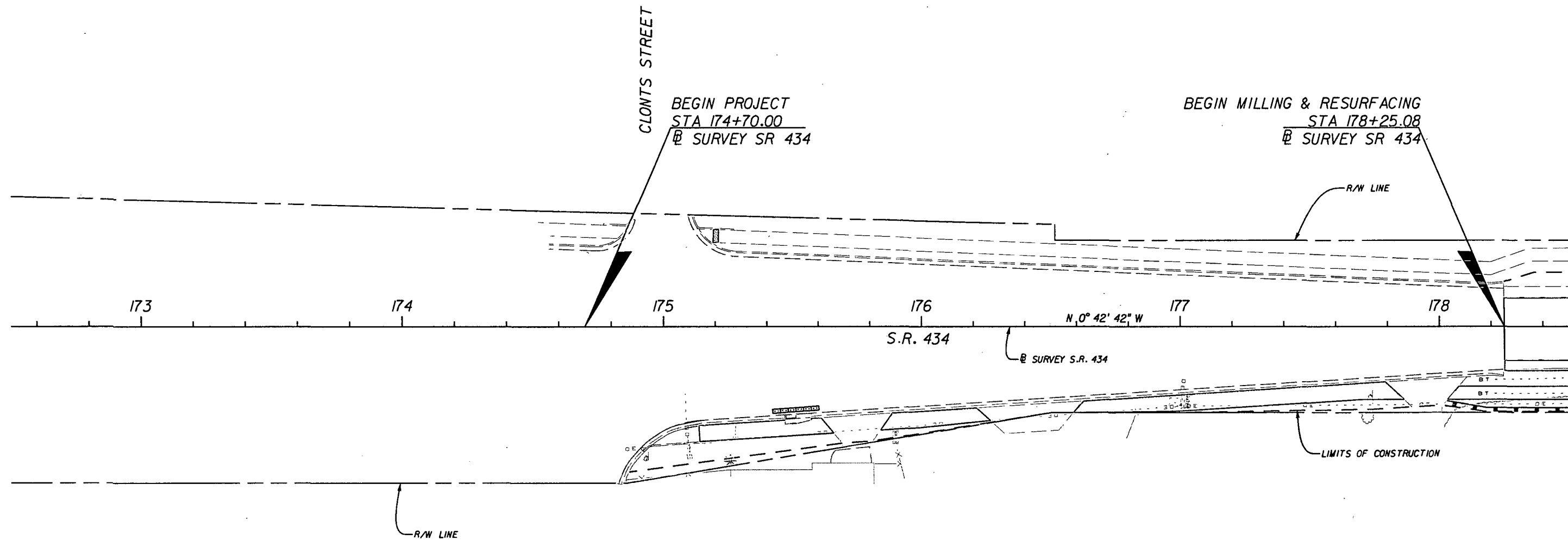
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REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 100
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

JMT
JOHNSON, MIRAMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

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1" = 40'



LEGEND:

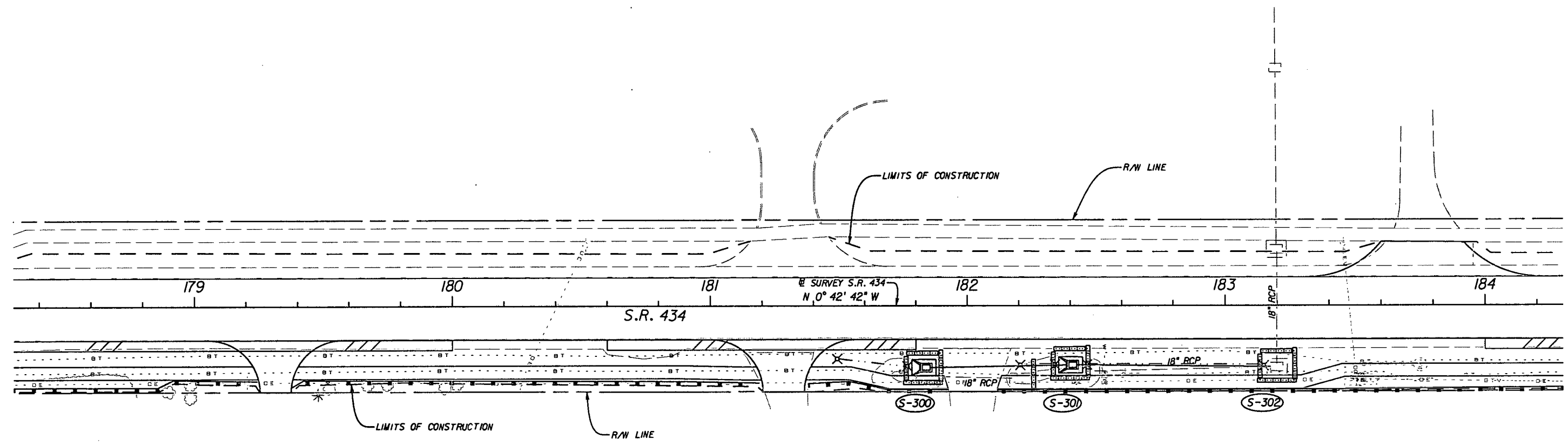
- SEDIMENT BARRIER
- INLET PROTECTION

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MURPHY & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 101
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							434	SEMINOLE	422015-1-52-01			

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



- LEGEND:
- SEDIMENT BARRIER
 - INLET PROTECTION

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006)	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 102
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

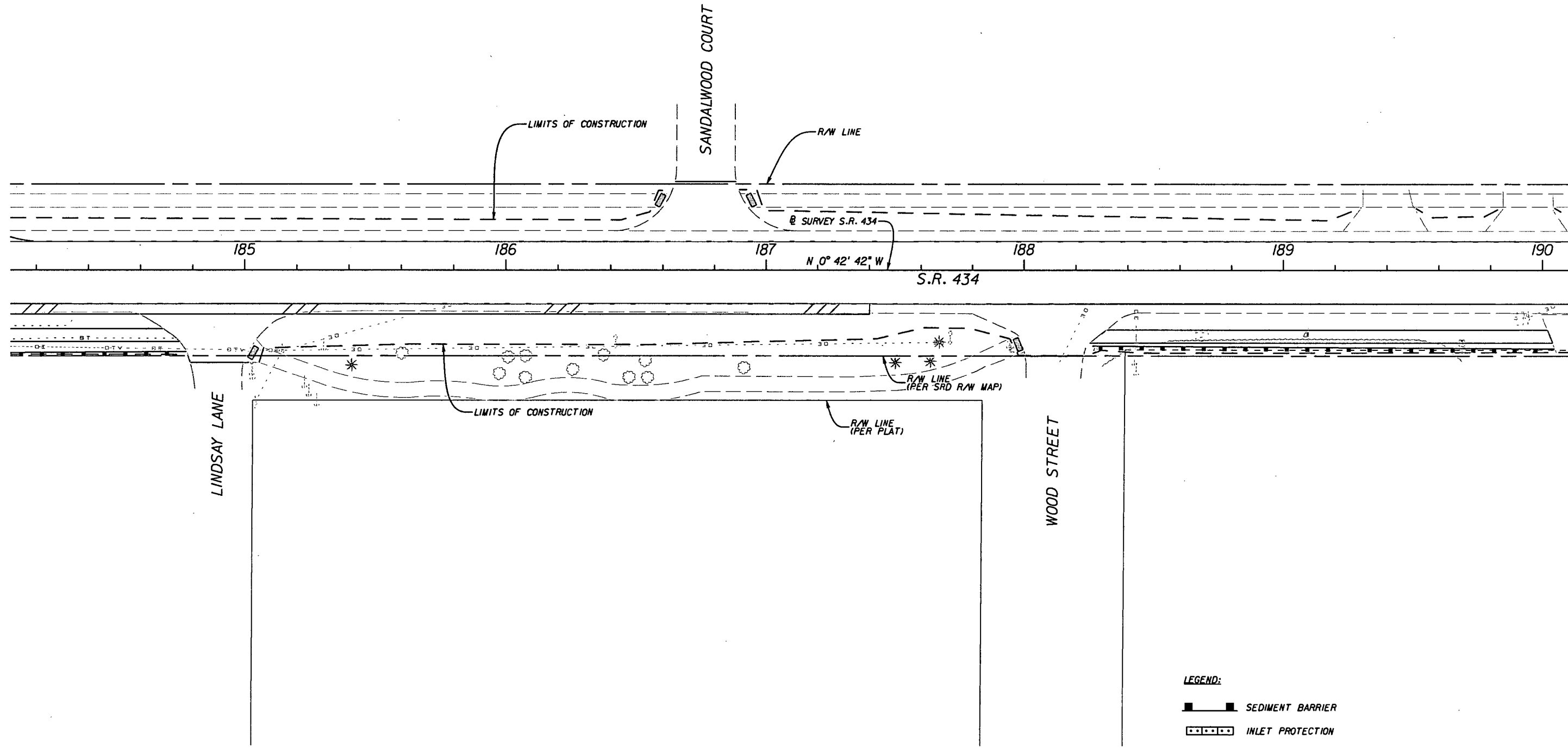
JOHNSON, MIRMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

USER: RODRIGUEZ 6/12/2012 2:28:52 PM Q:\MFL\FDOT_Proj\4080906_002_SR434_Dv\42201515201\roadway\SWPPRD34.dgn

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



- LEGEND:
- SEDIMENT BARRIER
 - INLET PROTECTION

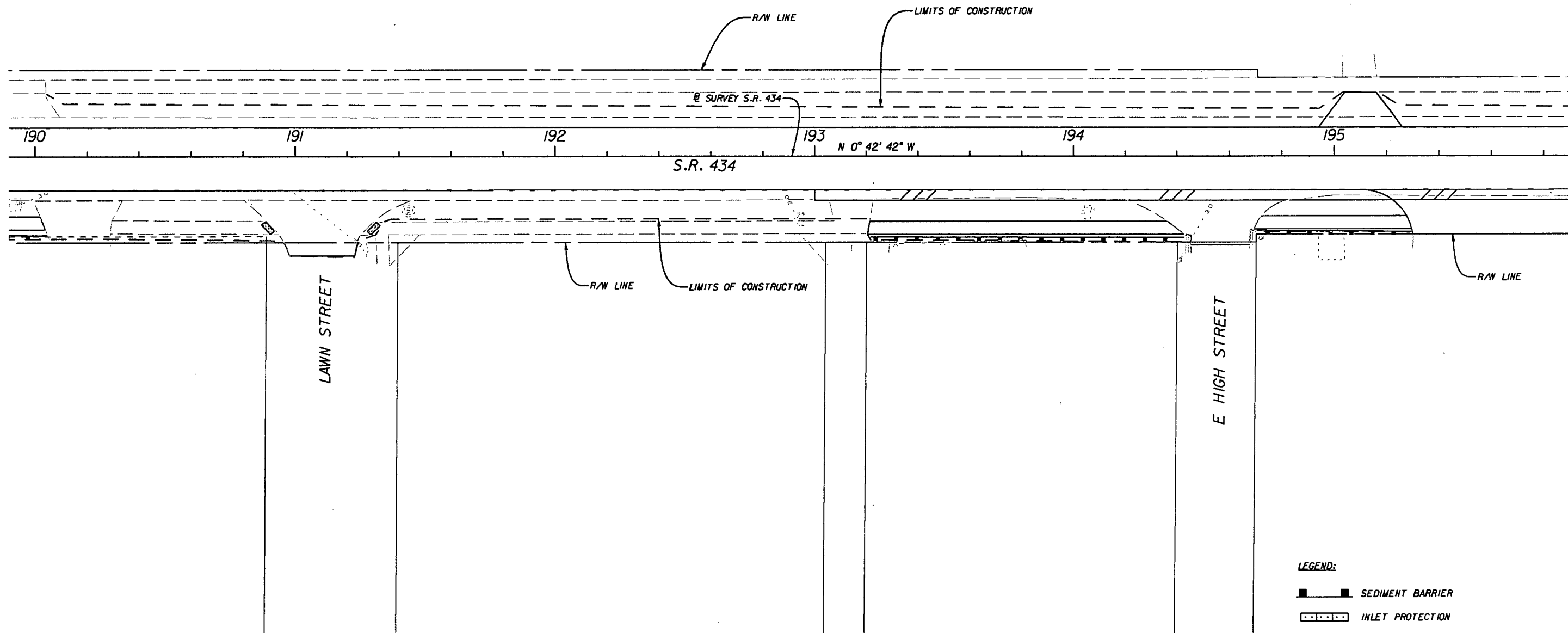
REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 103
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							434	SEMINOLE	422015-1-52-01			

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SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



LEGEND:

- SEDIMENT BARRIER
- INLET PROTECTION

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

J. ALEXANDER GEORGE, P.E. (No. 59006)

JMT

JOHNSON, MIRAMIRAN & THOMPSON
615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

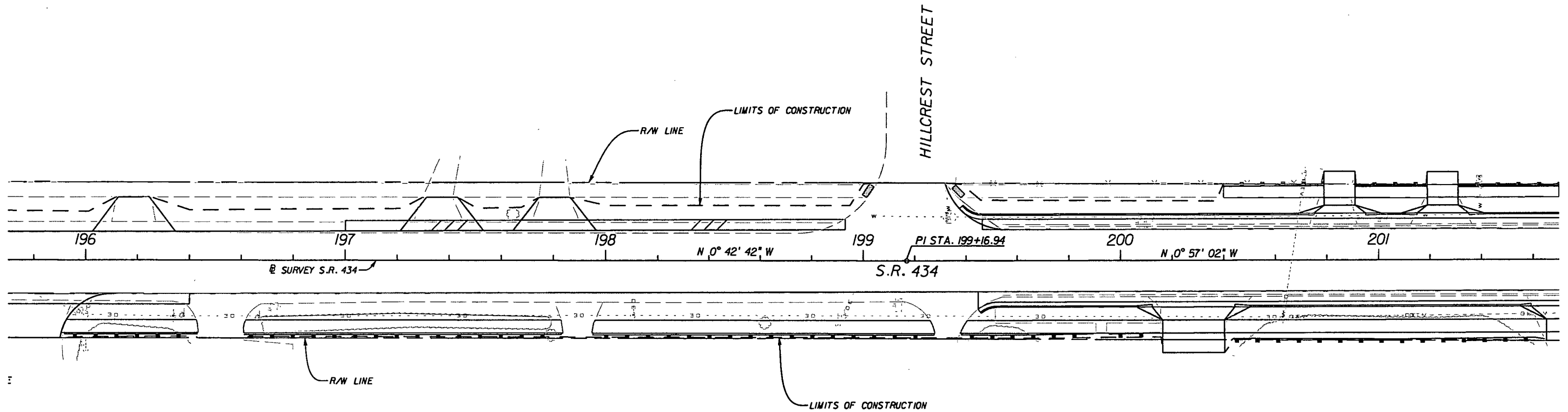
**STORMWATER POLLUTION
PREVENTION PLAN**

SHEET NO.
104

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 60G5-23.003, F.A.C.

SJRWMD: mpacheco 40-117-131032-1 7/17/2012

1" = 40'



LEGEND:

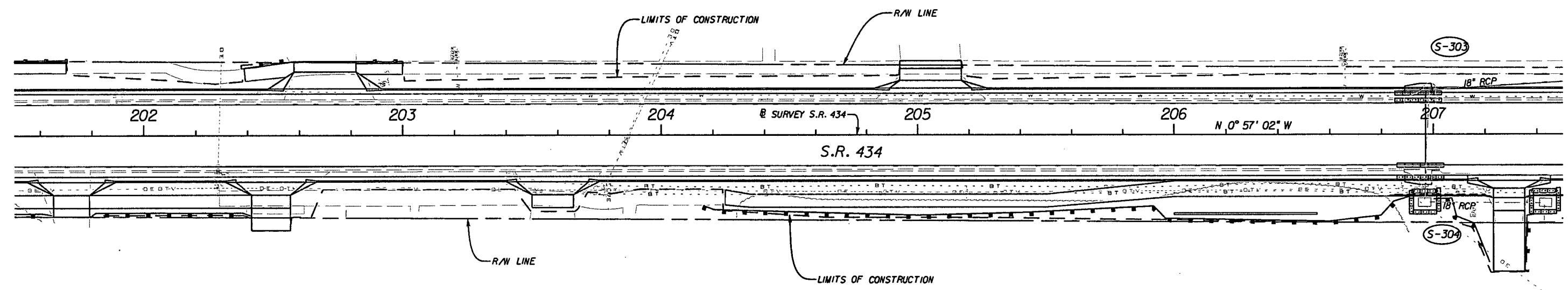
- SEDIMENT BARRIER
- INLET PROTECTION

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 105
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							434	SEMINOLE	422015-1-52-01			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6G05-23.003, F.A.C.

S:\RWMD\mpacheco 40-117-131032-1 7/17/2012

1" = 40'

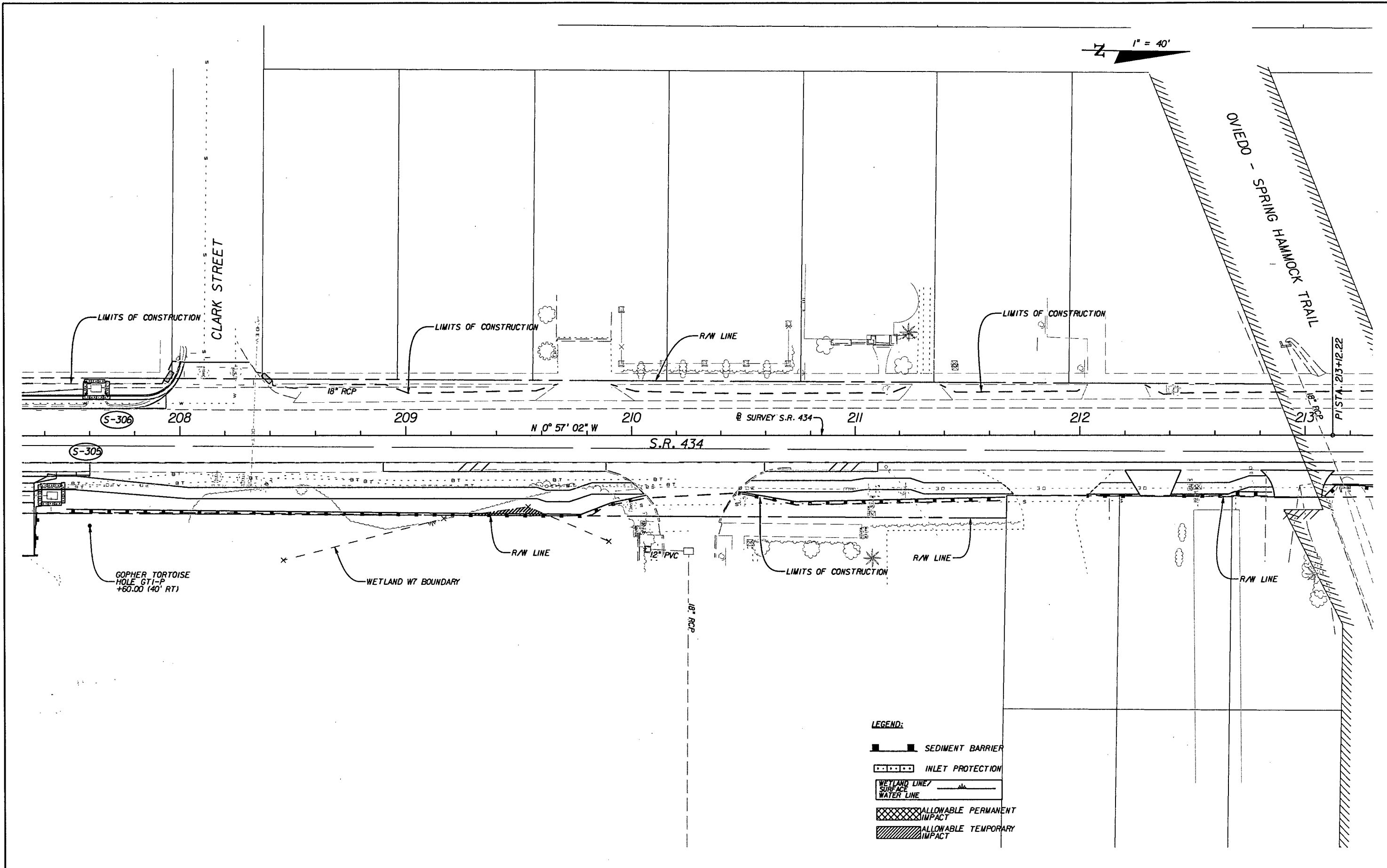


- LEGEND:
- SEDIMENT BARRIER
 - INLET PROTECTION

REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN	SHEET NO. 106
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							434	SEMINOLE	422015-1-52-01		

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G5-23.003, F.A.C.

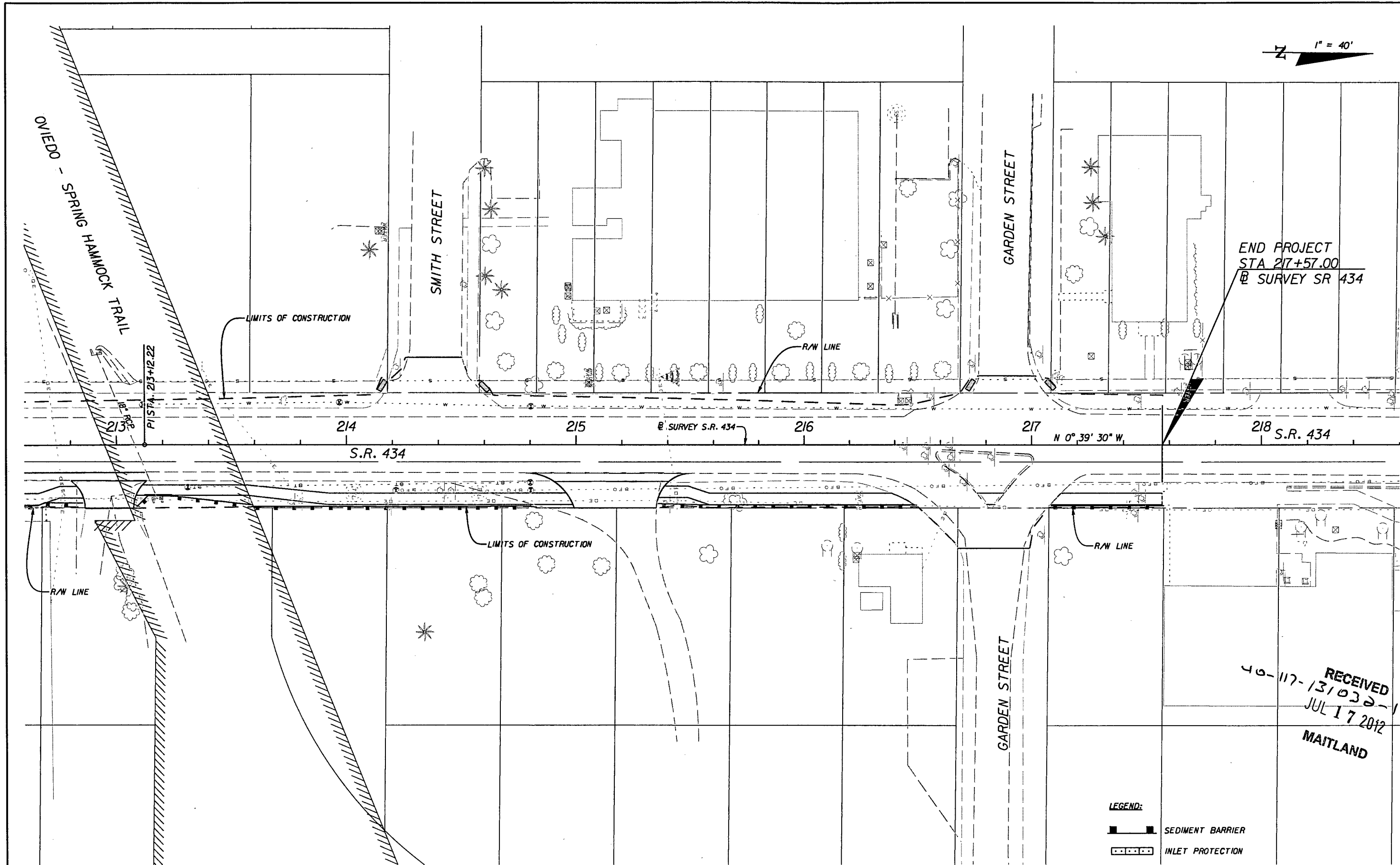
SJRWMD: mpacheco 40-117-131032-1 7/17/2012



REVISIONS						J. ALEXANDER GEORGE, P.E. (No. 59006) JMT JOHNSON, MIRAMIRAN & THOMPSON 615 CRESCENT EXECUTIVE COURT, SUITE 106 LAKE MARY, FL 32746 PHONE 407-833-9898 CERTIFICATE OF AUTHORIZATION No.: 5917	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			STORMWATER POLLUTION PREVENTION PLAN		SHEET NO. 107
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
							434	SEMINOLE	422015-1-52-01			

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G05-23.003, F.A.C.

SJRWMD: mpacheco 40-117-131032-1 7/17/2012



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

J. ALEXANDER GEORGE, P.E. (No. 59006)

JMT

JOHNSON, MIRMIRAN & THOMPSON

615 CRESCENT EXECUTIVE COURT, SUITE 106
LAKE MARY, FL 32746 PHONE 407-833-9898
CERTIFICATE OF AUTHORIZATION No.: 5917

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
434	SEMINOLE	422015-1-52-01

**STORMWATER POLLUTION
PREVENTION PLAN**

SHEET NO.
108

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 68J5-23.003, F.A.C.

Appendix H

Traffic Data Collection



FDOT Traffic Information



2022 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
 CATEGORY: 7700 SEMINOLE COUNTYWIDE

WEEK	DATES	SF	MOCF: 0.93 PSCF
1	01/01/2022 - 01/01/2022	1.00	1.08
2	01/02/2022 - 01/08/2022	1.03	1.11
3	01/09/2022 - 01/15/2022	1.05	1.13
4	01/16/2022 - 01/22/2022	1.03	1.11
5	01/23/2022 - 01/29/2022	1.01	1.09
6	01/30/2022 - 02/05/2022	0.98	1.05
7	02/06/2022 - 02/12/2022	0.96	1.03
* 8	02/13/2022 - 02/19/2022	0.94	1.01
* 9	02/20/2022 - 02/26/2022	0.93	1.00
* 10	02/27/2022 - 03/05/2022	0.93	1.00
* 11	03/06/2022 - 03/12/2022	0.92	0.99
* 12	03/13/2022 - 03/19/2022	0.91	0.98
* 13	03/20/2022 - 03/26/2022	0.92	0.99
* 14	03/27/2022 - 04/02/2022	0.92	0.99
* 15	04/03/2022 - 04/09/2022	0.93	1.00
* 16	04/10/2022 - 04/16/2022	0.93	1.00
* 17	04/17/2022 - 04/23/2022	0.94	1.01
* 18	04/24/2022 - 04/30/2022	0.94	1.01
* 19	05/01/2022 - 05/07/2022	0.95	1.02
* 20	05/08/2022 - 05/14/2022	0.95	1.02
21	05/15/2022 - 05/21/2022	0.96	1.03
22	05/22/2022 - 05/28/2022	0.97	1.04
23	05/29/2022 - 06/04/2022	0.98	1.05
24	06/05/2022 - 06/11/2022	0.99	1.06
25	06/12/2022 - 06/18/2022	1.00	1.08
26	06/19/2022 - 06/25/2022	1.00	1.08
27	06/26/2022 - 07/02/2022	1.00	1.08
28	07/03/2022 - 07/09/2022	0.99	1.06
29	07/10/2022 - 07/16/2022	0.99	1.06
30	07/17/2022 - 07/23/2022	0.99	1.06
31	07/24/2022 - 07/30/2022	0.98	1.05
32	07/31/2022 - 08/06/2022	0.98	1.05
33	08/07/2022 - 08/13/2022	0.97	1.04
34	08/14/2022 - 08/20/2022	0.97	1.04
35	08/21/2022 - 08/27/2022	0.99	1.06
36	08/28/2022 - 09/03/2022	1.01	1.09
37	09/04/2022 - 09/10/2022	1.02	1.10
38	09/11/2022 - 09/17/2022	1.04	1.12
39	09/18/2022 - 09/24/2022	1.10	1.18
40	09/25/2022 - 10/01/2022	1.16	1.25
41	10/02/2022 - 10/08/2022	1.22	1.31
42	10/09/2022 - 10/15/2022	1.28	1.38
43	10/16/2022 - 10/22/2022	1.23	1.32
44	10/23/2022 - 10/29/2022	1.18	1.27
45	10/30/2022 - 11/05/2022	1.14	1.23
46	11/06/2022 - 11/12/2022	1.09	1.17
47	11/13/2022 - 11/19/2022	1.04	1.12
48	11/20/2022 - 11/26/2022	1.03	1.11
49	11/27/2022 - 12/03/2022	1.02	1.10
50	12/04/2022 - 12/10/2022	1.01	1.09
51	12/11/2022 - 12/17/2022	1.00	1.08
52	12/18/2022 - 12/24/2022	1.03	1.11
53	12/25/2022 - 12/31/2022	1.05	1.13

* PEAK SEASON

23-FEB-2023 09:11:22

830UPD

5_7700_PKSEASON.TXT

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2022 HISTORICAL AADT REPORT

COUNTY: 77 - SEMINOLE

SITE: 0021 - ON SR-434, 0.105 MI. N OF MITCHELL HAMOCK RD. (UVL) NW

YEAR	AADT		DIRECTION 1		DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR	
----	-----		-----		-----	-----	-----	-----	
2022	15700	C	N	7700	S	8000	9.00	51.30	2.30
2021	14200	S	N	7100	S	7100	9.00	51.40	10.60
2020	14200	F	N	7100	S	7100	9.00	52.40	17.10
2019	14800	C	N	7400	S	7400	9.00	51.90	5.00
2018	16600	F	N	8200	S	8400	9.00	52.60	6.90
2017	16200	C	N	8000	S	8200	9.00	52.60	7.50
2016	16700	C	N	8100	S	8600	9.00	53.30	5.90
2015	15500	C	N	7300	S	8200	9.00	54.50	4.80
2014	14400	C	N	7100	S	7300	9.00	54.20	5.30
2013	15700	C	N	7400	S	8300	9.00	53.90	4.30
2012	15100	C	N	7300	S	7800	9.00	52.80	6.00
2011	14600	C	N	7100	S	7500	9.00	52.60	8.60
2010	15000	C	N	7200	S	7800	8.82	51.95	4.50
2009	15300	C	N	7300	S	8000	8.69	51.56	5.00
2008	14700	C	N	7100	S	7600	8.73	52.75	4.80
2007	15000	C	N	7200	S	7800	9.09	52.41	6.50

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

24-Hour Machine Counts



Roadway Count Summary

Protean Design Group, Inc.

Start Date : January 23, 2024 Start Time 00:00
 Stop Date : January 23, 2024 Stop Time 24:00
 County : Seminole
 Location : S.R. 434, south of Boardwalk Avenue

23-Jan-24 Northbound Volume for Lane 1

End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	11	16	7	4	5	14	42	126	200	127	94	107
30	10	6	7	2	8	15	48	105	194	97	94	132
45	10	3	9	4	10	22	86	127	184	114	96	116
00	7	6	5	5	8	34	100	135	130	106	110	114
Hr Total	38	31	28	15	31	85	276	493	708	444	394	469

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	137	146	178	178	178	222	168	120	64	76	49	28
30	128	145	142	184	154	187	168	118	66	72	42	20
45	120	192	120	214	201	204	184	113	66	94	34	22
00	163	178	143	143	164	164	135	81	49	65	33	20
Hr Total	548	661	583	719	697	777	655	432	245	307	158	90

24 Hour Total : 8,884
 AM Peak Hour begins : 8:15 AM Peak Volume : 572 AM Peak Hour Factor : 0.95
 PM Peak Hour begins : 16:45 PM Peak Volume : 777 PM Peak Hour Factor : 0.88

23-Jan-24 Southbound Volume for Lane 2

End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	7	8	1	6	5	25	56	140	200	155	141	116
30	6	2	3	5	5	32	53	176	194	143	112	120
45	2	4	1	3	21	32	72	138	184	164	92	130
00	6	3	1	11	22	51	112	170	130	120	122	124
Hr Total	21	17	6	25	53	140	293	624	708	582	467	490

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	148	155	123	128	164	178	190	88	64	48	29	15
30	128	141	145	137	172	194	130	87	66	40	30	12
45	140	136	166	140	147	183	132	76	66	52	21	11
00	148	126	168	179	146	196	152	71	49	38	28	11
Hr Total	564	558	602	584	629	751	604	322	245	178	108	49

24 Hour Total : 8,620
 AM Peak Hour begins : 7:45 AM Peak Volume : 748 AM Peak Hour Factor : 0.94
 PM Peak Hour begins : 17:15 PM Peak Volume : 763 PM Peak Hour Factor : 0.97

23-Jan-24 Total Volume for All Lanes

End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	18	24	8	10	10	39	98	266	400	282	235	223
30	16	8	10	7	13	47	101	281	388	240	206	252
45	12	7	10	7	31	54	158	265	368	278	188	246
00	13	9	6	16	30	85	212	305	260	226	232	238
Hr Total	59	48	34	40	84	225	569	1117	1416	1026	861	959

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	285	301	301	306	342	400	358	208	128	124	78	43
30	256	286	287	321	326	381	298	205	132	112	72	32
45	260	328	286	354	348	387	316	189	132	146	55	33
00	311	304	311	322	310	360	287	152	98	103	61	31
Hr Total	1112	1219	1185	1303	1326	1528	1259	754	490	485	266	139

24 Hour Total : 17,504
 AM Peak Hour begins : 7:45 AM Peak Volume : 1304 AM Peak Hour Factor : 0.96
 PM Peak Hour begins : 17:00 PM Peak Volume : 1528 PM Peak Hour Factor : 0.96

Roadway Count Summary

Protean Design Group, Inc.

Start Date : January 23, 2024 Start Time 00:00
 Stop Date : January 23, 2024 Stop Time 24:00
 County : Seminole
 Location : S.R. 434, south of Hillcrest Drive

23-Jan-24 Northbound Volume for Lane 1												
End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	11	7	5	2	5	12	39	141	168	127	78	100
30	10	7	7	2	8	10	51	101	182	106	92	104
45	8	1	6	6	8	24	84	115	177	114	82	120
00	6	4	5	4	8	35	114	154	119	106	108	92
Hr Total	35	19	23	14	29	81	288	511	646	453	360	416

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	142	124	177	152	142	175	125	102	64	64	41	21
30	131	162	161	157	180	210	164	94	66	64	30	18
45	109	174	116	172	173	172	142	99	64	78	27	11
00	158	177	132	166	165	174	128	74	42	62	25	16
Hr Total	540	637	586	647	660	731	559	369	236	268	123	66

24 Hour Total : 8,297
 AM Peak Hour begins : 7:45 AM Peak Volume : 585 AM Peak Hour Factor : 0.94
 PM Peak Hour begins : 17:00 PM Peak Volume : 731 PM Peak Hour Factor : 0.87

23-Jan-24 Southbound Volume for Lane 2												
End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	8	5	0	4	4	16	44	108	168	142	124	117
30	6	2	2	3	4	28	40	154	182	144	96	123
45	2	2	2	3	18	26	71	124	177	154	86	119
00	4	2	1	11	16	40	92	151	119	112	120	121
Hr Total	20	11	5	21	42	110	247	537	646	552	426	480

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	145	141	134	126	184	194	188	88	64	52	32	12
30	121	136	148	134	182	203	137	76	66	45	22	10
45	132	138	173	140	151	187	138	74	64	49	17	9
00	131	114	164	177	136	193	148	68	42	33	19	8
Hr Total	529	529	619	577	653	777	611	306	236	179	90	39

24 Hour Total : 8,242
 AM Peak Hour begins : 7:45 AM Peak Volume : 678 AM Peak Hour Factor : 0.93
 PM Peak Hour begins : 17:00 PM Peak Volume : 777 PM Peak Hour Factor : 0.96

23-Jan-24 Total Volume for All Lanes												
End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	19	12	5	6	9	28	83	249	336	269	202	217
30	16	9	9	5	12	38	91	255	364	250	188	227
45	10	3	8	9	26	50	155	239	354	268	168	239
00	10	6	6	15	24	75	206	305	238	218	228	213
Hr Total	55	30	28	35	71	191	535	1048	1292	1005	786	896

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	287	265	311	278	326	369	313	190	128	116	73	33
30	252	298	309	291	362	413	301	170	132	109	52	28
45	241	312	289	312	324	359	280	173	128	127	44	20
00	289	291	296	343	301	367	276	142	84	95	44	24
Hr Total	1069	1166	1205	1224	1313	1508	1170	675	472	447	213	105

24 Hour Total : 16,539
 AM Peak Hour begins : 7:45 AM Peak Volume : 1263 AM Peak Hour Factor : 0.95
 PM Peak Hour begins : 17:00 PM Peak Volume : 1508 PM Peak Hour Factor : 0.91

Roadway Count Summary

Protean Design Group, Inc.

Start Date : January 23, 2024
 Stop Date : January 23, 2024
 County : Seminole
 Location : S.R. 434, north of Smith Street

Start Time : 00:00
 Stop Time : 24:00

23-Jan-24 Northbound Volume for Lane 1												
End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	12	7	5	2	4	12	40	120	173	117	74	94
30	9	7	8	1	8	9	48	81	154	98	89	94
45	6	0	6	5	6	24	74	106	144	110	78	114
00	6	6	5	5	10	31	98	136	138	100	98	92
Hr Total	33	20	24	13	28	76	260	443	609	425	339	394

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	115	121	168	164	149	198	121	94	64	63	40	21
30	115	150	150	170	168	202	152	98	58	61	30	17
45	112	151	116	160	188	166	148	96	54	70	28	11
00	160	168	137	153	164	168	117	71	44	60	24	15
Hr Total	502	590	571	647	669	734	538	359	220	254	122	64

24 Hour Total : 7,934
 AM Peak Hour begins : 8:15 AM Peak Volume : 529 AM Peak Hour Factor : 0.85
 PM Peak Hour begins : 16:30 PM Peak Volume : 752 PM Peak Hour Factor : 0.93

23-Jan-24 Southbound Volume for Lane 2												
End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	6	5	0	2	6	15	38	138	173	151	130	112
30	5	3	4	3	6	28	46	152	154	117	90	102
45	2	1	2	5	18	26	74	125	144	154	87	128
00	5	2	2	10	17	49	84	172	138	100	135	106
Hr Total	18	11	8	20	47	118	242	587	609	522	442	448

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	140	124	118	106	174	176	154	82	64	50	28	13
30	192	130	145	124	174	194	122	68	58	50	23	8
45	174	144	160	141	161	176	144	72	54	42	23	9
00	131	128	156	166	154	170	123	73	44	26	14	7
Hr Total	637	526	579	537	663	716	543	295	220	168	88	37

24 Hour Total : 8,081
 AM Peak Hour begins : 7:45 AM Peak Volume : 643 AM Peak Hour Factor : 0.93
 PM Peak Hour begins : 17:00 PM Peak Volume : 716 PM Peak Hour Factor : 0.92

23-Jan-24 Total Volume for All Lanes												
End Time	00	01	02	03	04	05	06	07	08	09	10	11
15	18	12	5	4	10	27	78	258	346	268	204	206
30	14	10	12	4	14	37	94	233	308	215	179	196
45	8	1	8	10	24	50	148	231	288	264	165	242
00	11	8	7	15	27	80	182	308	276	200	233	198
Hr Total	51	31	32	33	75	194	502	1030	1218	947	781	842

End Time	12	13	14	15	16	17	18	19	20	21	22	23
15	255	245	286	270	323	374	275	176	128	113	68	34
30	307	280	295	294	342	396	274	166	116	111	53	25
45	286	295	276	301	349	342	292	168	108	112	51	20
00	291	296	293	319	318	338	240	144	88	86	38	22
Hr Total	1139	1116	1150	1184	1332	1450	1081	654	440	422	210	101

24 Hour Total : 16,015
 AM Peak Hour begins : 7:45 AM Peak Volume : 1166 AM Peak Hour Factor : 0.95
 PM Peak Hour begins : 17:00 PM Peak Volume : 1450 PM Peak Hour Factor : 0.92

Turning Movement Counts (TMCs)



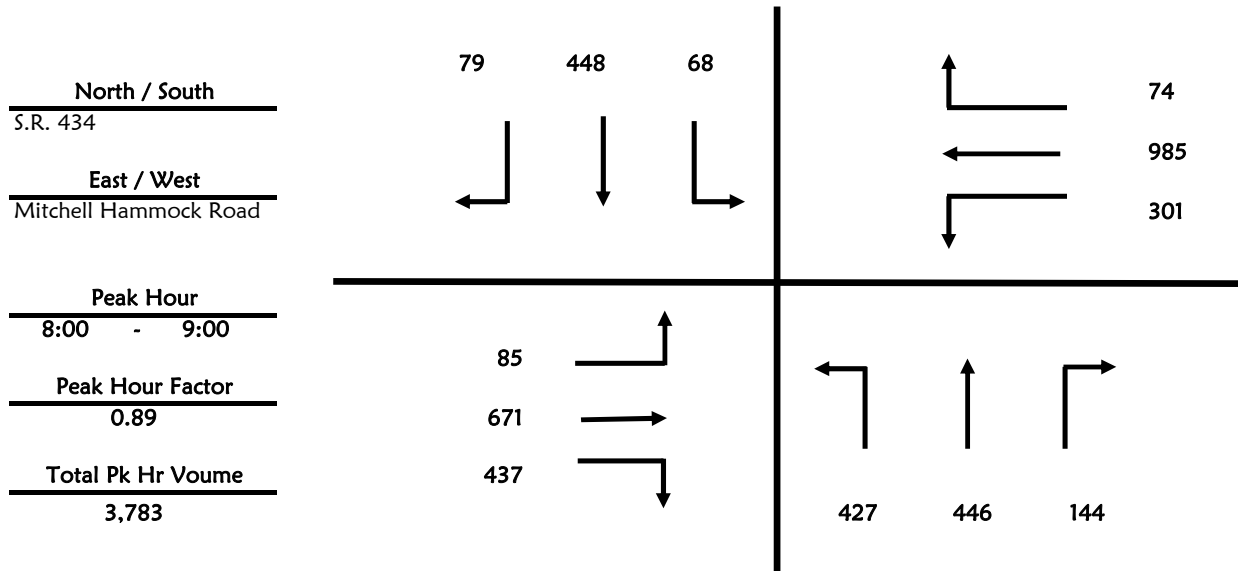
Turning Movement Count Summary

Protean Design Group, Inc.

Intersection S.R. 434 & Mitchell Hammock Road
 Date January 24, 2024
 Time Period AM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	101	94	10	205	10	78	30	118
7:15 - 7:30	113	89	18	220	10	122	21	153
7:30 - 7:45	85	83	18	186	15	104	11	130
7:45 - 8:00	105	98	27	230	7	91	10	108
8:00 - 8:15	97	103	31	231	18	118	16	152
8:15 - 8:30	105	98	32	235	9	127	22	158
8:30 - 8:45	110	110	30	250	23	115	23	161
8:45 - 9:00	115	135	51	301	18	88	18	124
	831	810	217	1,858	110	843	151	1,104

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	21	92	74	187	61	310	8	379
7:15 - 7:30	18	115	77	210	53	351	7	411
7:30 - 7:45	11	145	68	224	65	300	16	381
7:45 - 8:00	17	140	89	246	87	305	10	402
8:00 - 8:15	17	142	105	264	75	281	15	371
8:15 - 8:30	24	170	110	304	64	265	19	348
8:30 - 8:45	25	184	117	326	85	224	23	332
8:45 - 9:00	19	175	105	299	77	215	17	309
	152	1,163	745	2,060	567	2,251	115	2,933



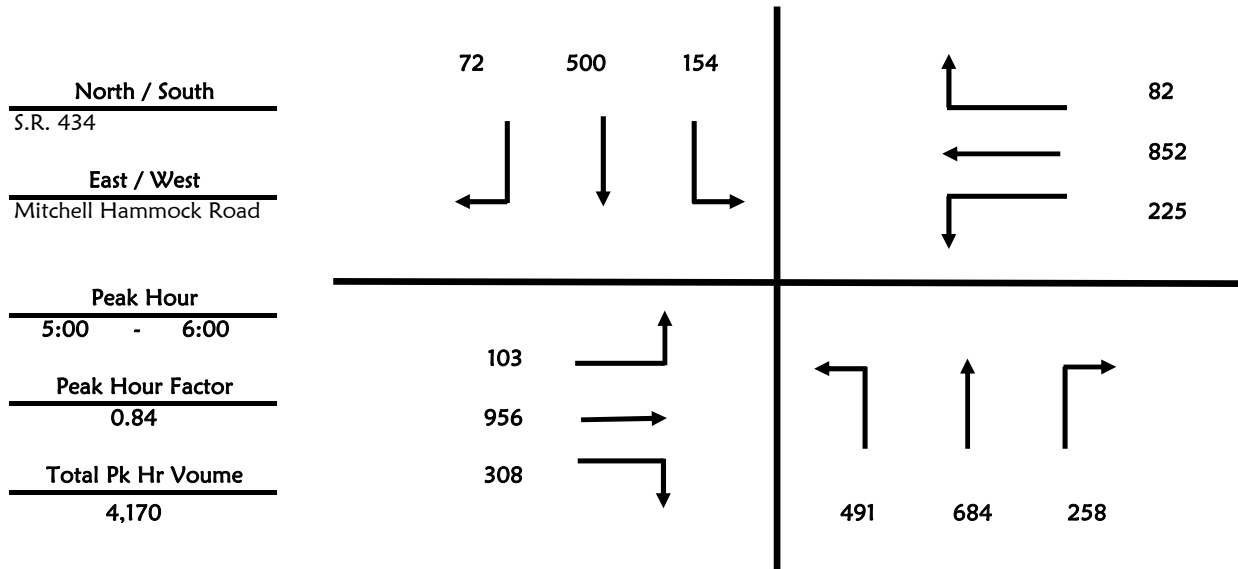
Turning Movement Count Summary

Protean Design Group, Inc.

Intersection S.R. 434 & Mitchell Hammock Road
 Date January 24, 2024
 Time Period PM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	138	155	78	371	23	123	18	164
4:15 - 4:30	124	157	70	351	22	132	21	175
4:30 - 4:45	147	158	85	390	33	121	13	167
4:45 - 5:00	139	145	70	354	33	119	18	170
5:00 - 5:15	151	170	79	400	50	117	15	182
5:15 - 5:30	123	141	54	318	23	123	21	167
5:30 - 5:45	112	180	59	351	46	135	19	200
5:45 - 6:00	105	193	66	364	35	125	17	177
	1,039	1,299	561	2,899	265	995	142	1,402

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	23	212	72	307	63	176	12	251
4:15 - 4:30	17	219	76	312	57	213	11	281
4:30 - 4:45	29	237	70	336	63	160	17	240
4:45 - 5:00	17	258	86	361	40	170	20	230
5:00 - 5:15	24	228	77	329	68	239	18	325
5:15 - 5:30	25	257	78	360	41	200	26	267
5:30 - 5:45	26	235	83	344	67	209	24	300
5:45 - 6:00	28	236	70	334	49	204	14	267
	189	1,882	612	2,683	448	1,571	142	2,161



Turning Movement Count Summary

Protean Design Group, Inc.

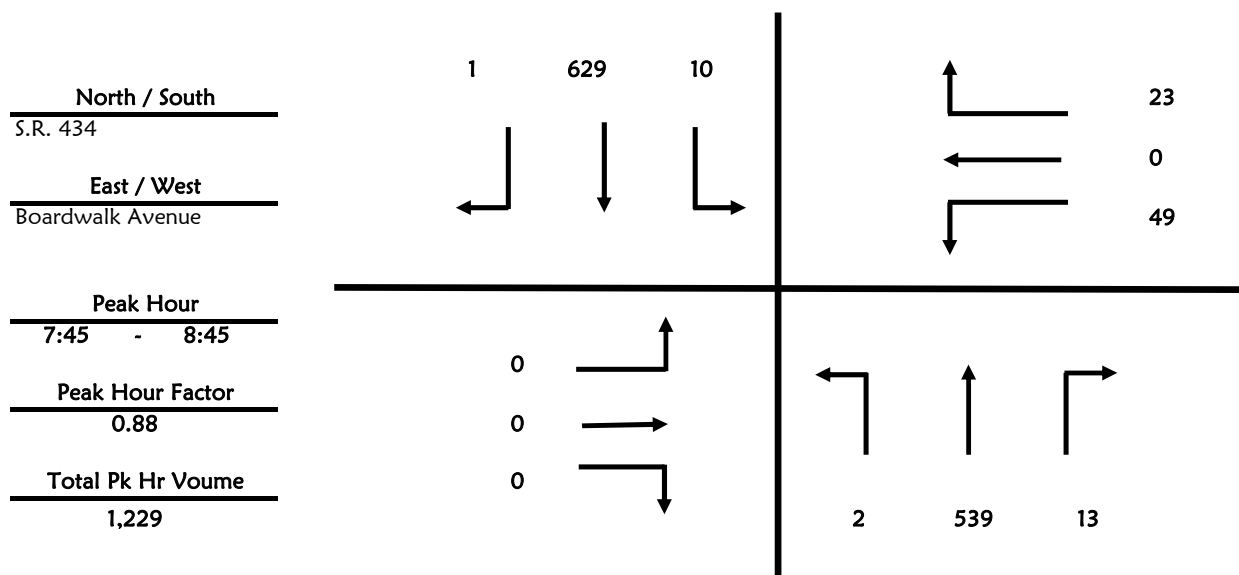
Intersection S.R. 434 & Boardwalk Avenue

Date January 25, 2024

Time Period AM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	0	98	1	99	3	127	0	130
7:15 - 7:30	0	96	5	101	3	136	0	139
7:30 - 7:45	0	118	3	121	3	169	0	172
7:45 - 8:00	0	130	4	134	2	152	1	155
8:00 - 8:15	0	123	0	123	0	125	0	125
8:15 - 8:30	1	149	4	154	3	176	0	179
8:30 - 8:45	1	137	5	143	5	176	0	181
8:45 - 9:00	0	138	6	144	5	138	0	143
	2	989	28	1,019	24	1,199	1	1,224

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	0	0	0	0	11	0	6	17
7:15 - 7:30	0	0	0	0	15	0	4	19
7:30 - 7:45	0	0	0	0	9	0	5	14
7:45 - 8:00	0	0	0	0	10	0	5	15
8:00 - 8:15	0	0	0	0	19	0	8	27
8:15 - 8:30	0	0	0	0	10	0	5	15
8:30 - 8:45	0	0	0	0	10	0	5	15
8:45 - 9:00	0	1	0	1	11	1	8	20
	0	1	0	1	95	1	46	142



Turning Movement Count Summary

Protean Design Group, Inc.

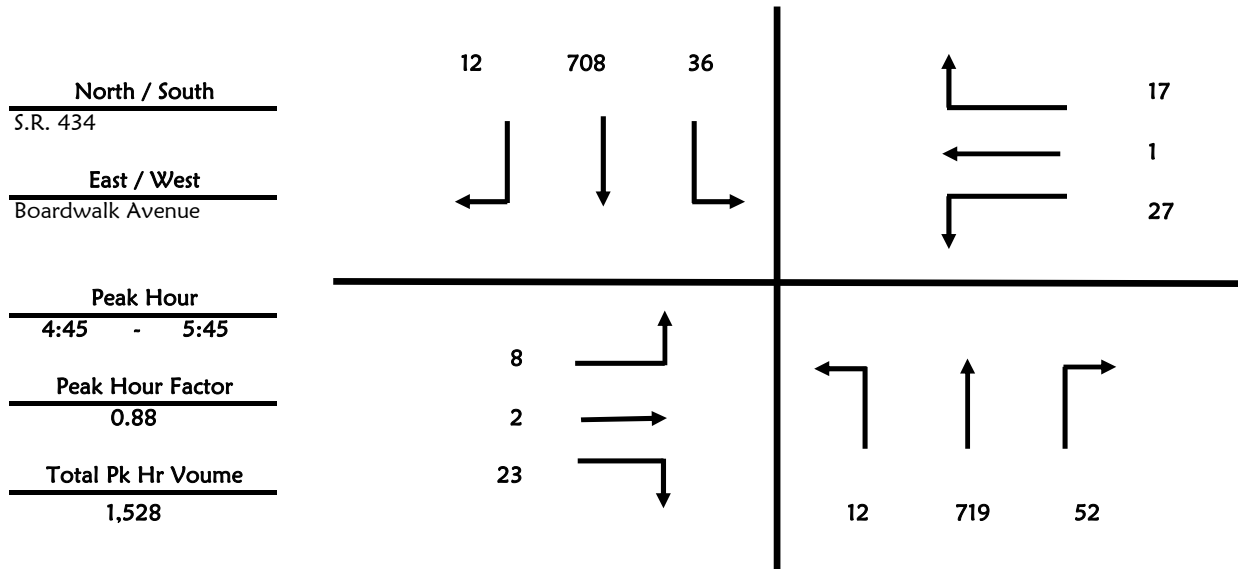
Intersection S.R. 434 & Boardwalk Avenue

Date January 25, 2024

Time Period PM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	4	121	10	135	10	140	1	151
4:15 - 4:30	0	162	11	173	5	158	2	165
4:30 - 4:45	1	160	8	169	4	145	0	149
4:45 - 5:00	2	201	13	216	8	157	6	171
5:00 - 5:15	5	155	10	170	4	178	3	185
5:15 - 5:30	1	197	12	210	15	198	2	215
5:30 - 5:45	4	166	17	187	9	175	1	185
5:45 - 6:00	3	177	14	194	14	179	2	195
	20	1,339	95	1,454	69	1,330	17	1,416

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	3	0	3	6	6	0	1	7
4:15 - 4:30	2	1	7	10	3	0	3	6
4:30 - 4:45	2	0	3	5	5	0	6	11
4:45 - 5:00	4	0	8	12	13	0	9	22
5:00 - 5:15	1	1	9	11	5	1	1	7
5:15 - 5:30	1	0	2	3	5	0	2	7
5:30 - 5:45	2	1	4	7	4	0	5	9
5:45 - 6:00	0	0	2	2	5	0	2	7
	15	3	38	56	46	1	29	76



Turning Movement Count Summary

Protean Design Group, Inc.

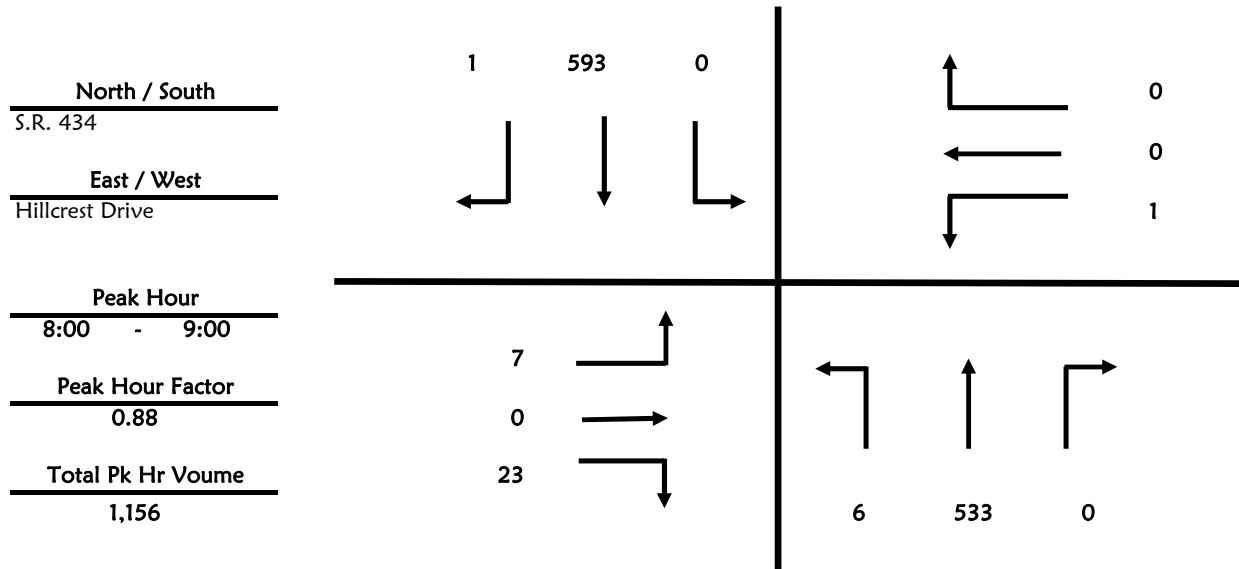
Intersection S.R. 434 & Hillcrest Drive

Date January 23, 2024

Time Period AM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	0	133	0	133	0	109	0	109
7:15 - 7:30	2	90	0	92	0	146	2	148
7:30 - 7:45	0	111	0	111	0	116	0	116
7:45 - 8:00	3	126	0	129	0	121	0	121
8:00 - 8:15	1	119	0	120	0	146	0	146
8:15 - 8:30	1	125	0	126	0	169	0	169
8:30 - 8:45	3	151	0	154	0	163	1	164
8:45 - 9:00	1	138	0	139	0	115	0	115
	11	993	0	1,004	0	1,085	3	1,088

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	2	0	1	3	0	0	0	0
7:15 - 7:30	0	0	0	0	0	0	0	0
7:30 - 7:45	2	0	3	5	0	0	0	0
7:45 - 8:00	5	0	2	7	0	0	0	0
8:00 - 8:15	0	0	3	3	1	0	0	1
8:15 - 8:30	3	0	11	14	0	0	0	0
8:30 - 8:45	2	0	7	9	0	0	0	0
8:45 - 9:00	2	0	2	4	0	0	0	0
	16	0	29	45	1	0	0	1



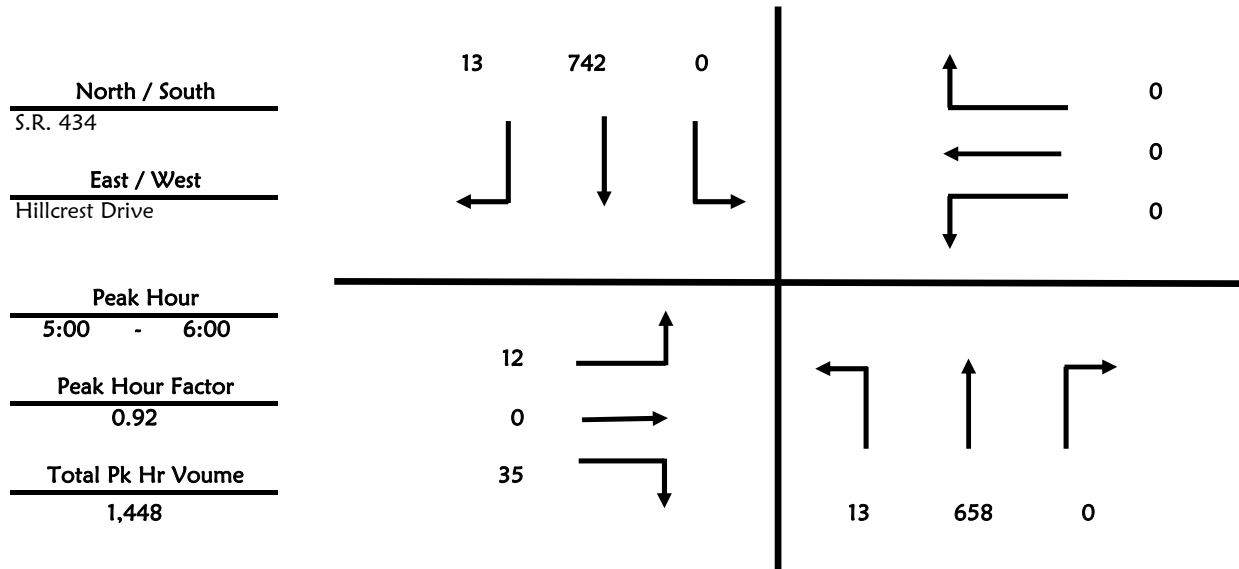
Turning Movement Count Summary

Protean Design Group, Inc.

Intersection S.R. 434 & Hillcrest Drive
 Date January 23, 2024
 Time Period PM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	1	138	0	139	0	176	1	177
4:15 - 4:30	6	153	0	159	0	169	2	171
4:30 - 4:45	1	149	0	150	0	129	4	133
4:45 - 5:00	2	159	0	161	0	132	3	135
5:00 - 5:15	1	151	0	152	0	176	5	181
5:15 - 5:30	5	178	0	183	0	194	2	196
5:30 - 5:45	5	167	0	172	0	178	2	180
5:45 - 6:00	2	162	0	164	0	194	4	198
	23	1,257	0	1,280	0	1,348	23	1,371

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	3	0	7	10	0	0	0	0
4:15 - 4:30	1	0	8	9	0	0	0	0
4:30 - 4:45	8	0	9	17	0	0	0	0
4:45 - 5:00	3	0	5	8	0	0	0	0
5:00 - 5:15	4	0	7	11	0	0	0	0
5:15 - 5:30	2	0	11	13	0	0	0	0
5:30 - 5:45	4	0	11	15	0	0	0	0
5:45 - 6:00	2	0	6	8	0	0	0	0
	27	0	64	91	0	0	0	0



Turning Movement Count Summary

Protean Design Group, Inc.

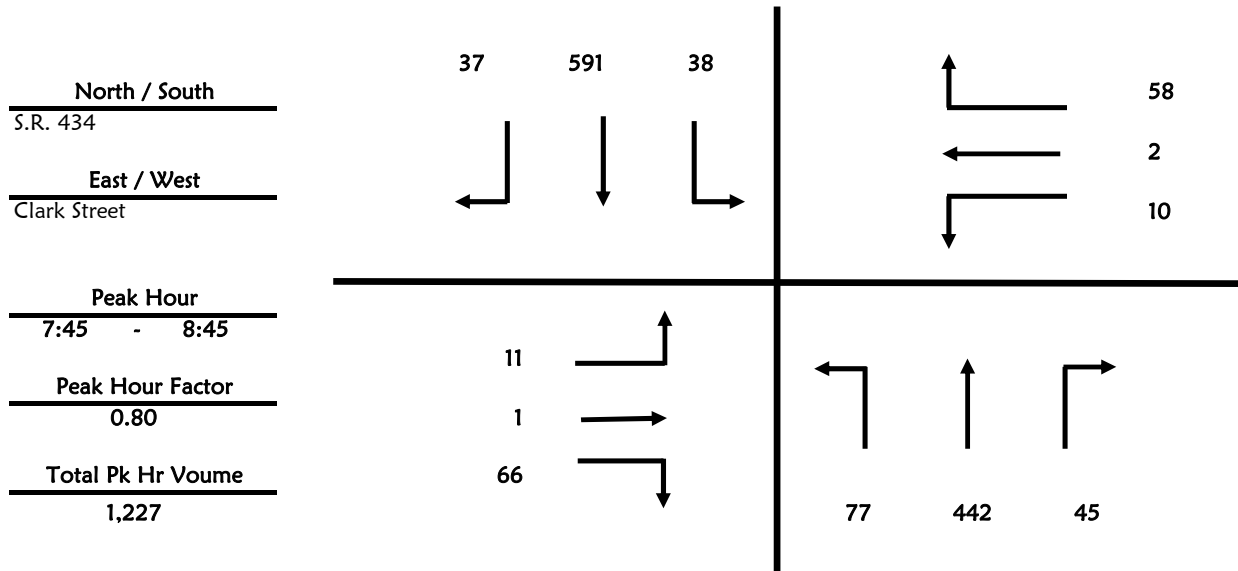
Intersection S.R. 434 & Clark Street

Date January 24, 2024

Time Period AM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	18	111	3	132	2	102	18	122
7:15 - 7:30	12	82	8	102	8	136	5	149
7:30 - 7:45	14	105	3	122	8	112	7	127
7:45 - 8:00	19	120	6	145	6	145	9	160
8:00 - 8:15	14	95	12	121	6	155	9	170
8:15 - 8:30	29	97	17	143	12	139	6	157
8:30 - 8:45	15	130	10	155	14	152	13	179
8:45 - 9:00	17	114	15	146	6	101	14	121
	138	854	74	1,066	62	1,042	81	1,185

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	0	0	5	5	1	0	0	1
7:15 - 7:30	1	0	10	11	1	3	7	11
7:30 - 7:45	0	0	7	7	3	1	3	7
7:45 - 8:00	2	0	7	9	2	1	6	9
8:00 - 8:15	4	1	14	19	2	0	10	12
8:15 - 8:30	1	0	26	27	1	1	18	20
8:30 - 8:45	4	0	19	23	5	0	24	29
8:45 - 9:00	5	0	16	21	1	1	11	13
	17	1	104	122	16	7	79	102



Turning Movement Count Summary

Protean Design Group, Inc.

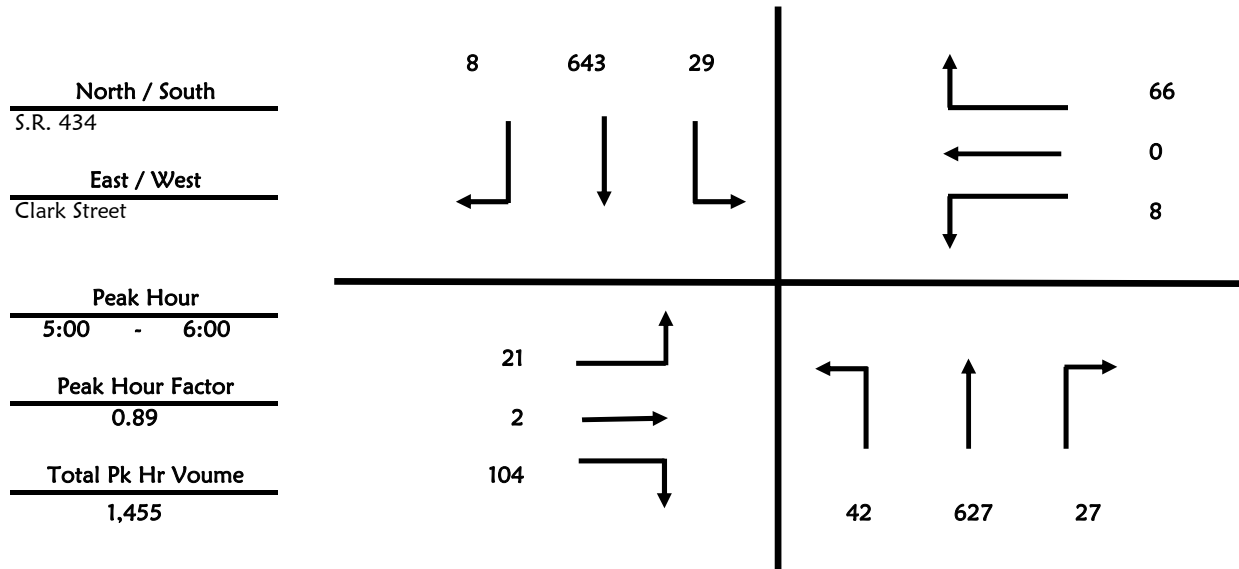
Intersection S.R. 434 & Clark Street

Date January 24, 2024

Time Period PM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	9	136	1	146	8	152	9	169
4:15 - 4:30	5	139	8	152	5	162	2	169
4:30 - 4:45	9	174	6	189	7	136	0	143
4:45 - 5:00	8	137	8	153	4	118	3	125
5:00 - 5:15	13	162	7	182	12	161	2	175
5:15 - 5:30	6	165	8	179	8	161	2	171
5:30 - 5:45	13	154	7	174	5	159	1	165
5:45 - 6:00	10	146	5	161	4	162	3	169
	73	1,213	50	1,336	53	1,211	22	1,286

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	7	0	21	28	1	1	10	12
4:15 - 4:30	4	0	14	18	1	0	13	14
4:30 - 4:45	7	0	11	18	1	0	11	12
4:45 - 5:00	7	2	15	24	0	2	13	15
5:00 - 5:15	7	2	29	38	1	0	14	15
5:15 - 5:30	3	0	29	32	2	0	24	26
5:30 - 5:45	6	0	19	25	3	0	13	16
5:45 - 6:00	5	0	27	32	2	0	15	17
	46	4	165	215	11	3	113	127



Turning Movement Count Summary

Protean Design Group, Inc.

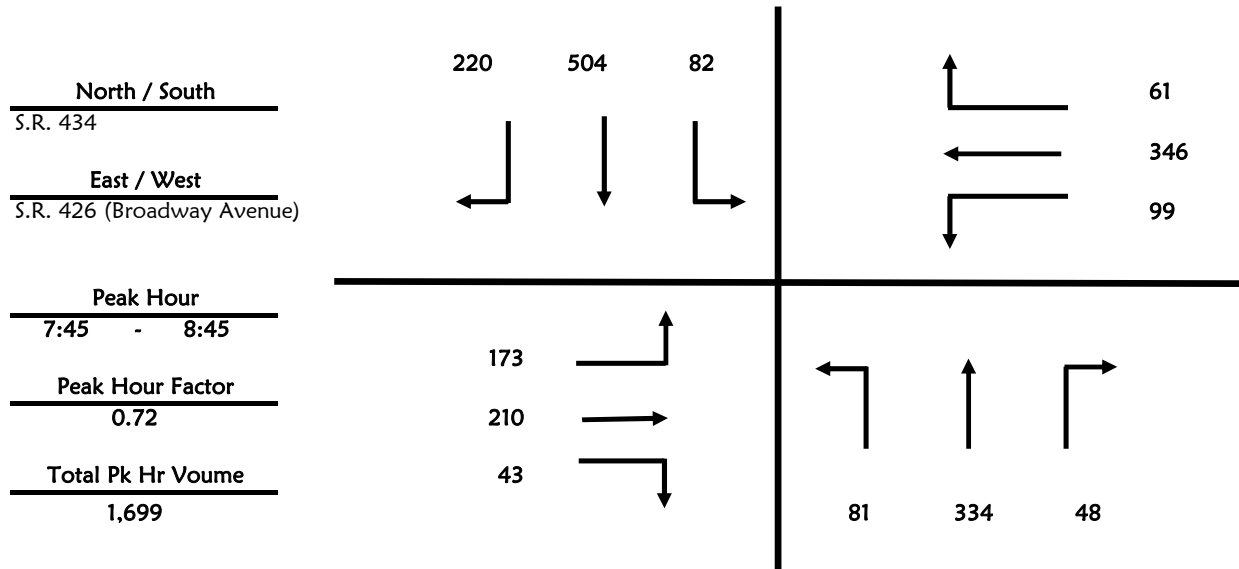
Intersection S.R. 434 & S.R. 426 (Broadway Avenue)

Date January 23, 2024

Time Period AM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	29	82	4	115	12	92	44	148
7:15 - 7:30	15	64	6	85	25	108	29	162
7:30 - 7:45	13	55	7	75	21	107	32	160
7:45 - 8:00	25	99	13	137	24	133	71	228
8:00 - 8:15	21	64	8	93	21	142	52	215
8:15 - 8:30	17	96	11	124	19	130	58	207
8:30 - 8:45	18	75	16	109	18	99	39	156
8:45 - 9:00	21	82	14	117	25	91	48	164
	159	617	79	855	165	902	373	1,440

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
7:00 - 7:15	12	38	15	65	25	83	14	122
7:15 - 7:30	27	40	20	87	24	62	29	115
7:30 - 7:45	37	32	13	82	15	61	37	113
7:45 - 8:00	29	46	11	86	27	89	21	137
8:00 - 8:15	40	45	13	98	26	76	15	117
8:15 - 8:30	54	57	9	120	18	85	10	113
8:30 - 8:45	50	62	10	122	28	96	15	139
8:45 - 9:00	41	58	8	107	15	89	11	115
	290	378	99	767	178	641	152	971



Turning Movement Count Summary

Protean Design Group, Inc.

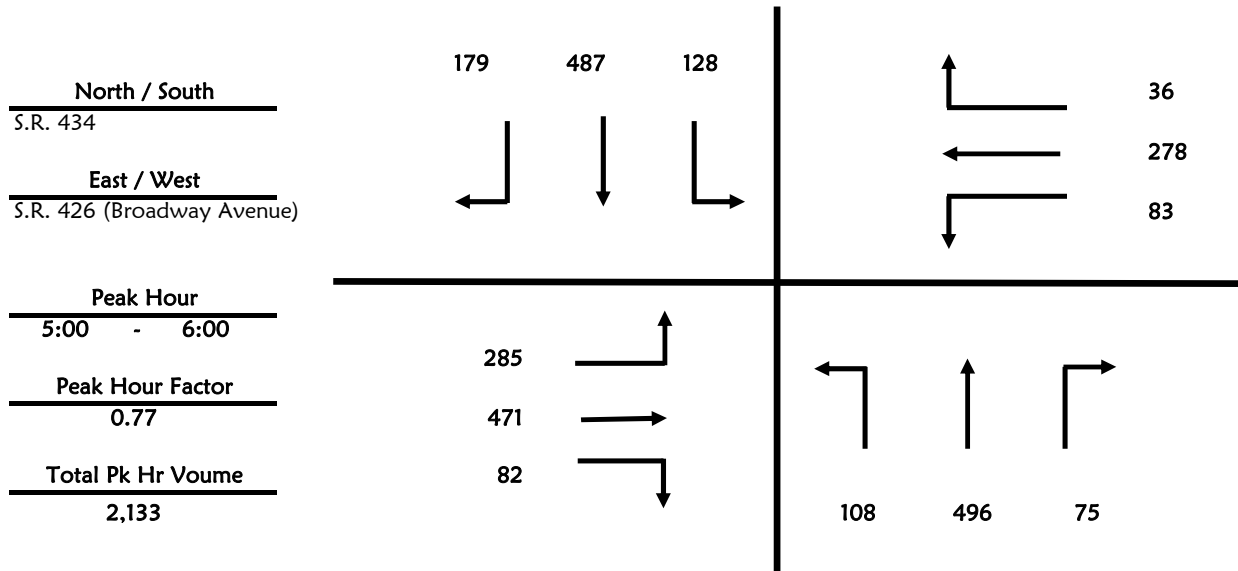
Intersection S.R. 434 & S.R. 426 (Broadway Avenue)

Date January 23, 2024

Time Period PM Peak Hour All Traffic

Time Period	Northbound				Southbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	22	90	15	127	35	123	39	197
4:15 - 4:30	19	124	15	158	32	108	49	189
4:30 - 4:45	18	142	19	179	31	100	57	188
4:45 - 5:00	22	110	12	144	29	98	46	173
5:00 - 5:15	23	140	31	194	27	122	39	188
5:15 - 5:30	26	119	13	158	35	124	39	198
5:30 - 5:45	28	125	15	168	32	126	56	214
5:45 - 6:00	31	112	16	159	34	115	45	194
	189	962	136	1,287	255	916	370	1,541

Time Period	Eastbound				Westbound			
	Left	Through	Right	Total	Left	Through	Right	Total
4:00 - 4:15	74	83	24	181	27	55	5	87
4:15 - 4:30	71	83	14	168	39	62	4	105
4:30 - 4:45	73	99	19	191	19	73	11	103
4:45 - 5:00	78	119	14	211	18	75	9	102
5:00 - 5:15	72	115	18	205	25	66	12	103
5:15 - 5:30	72	121	23	216	17	70	2	89
5:30 - 5:45	57	118	24	199	20	63	14	97
5:45 - 6:00	84	117	17	218	21	79	8	108
	581	855	153	1,589	186	543	65	794



Pedestrian / Bicycle Counts



FLORIDA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN MOVEMENT SUMMARY

SECTION 77170000 CITY Oviedo COUNTY Seminole
 STATE ROUTE SR 434 (Central Ave) INTERSECTING ROUTE Mitchell Hammock Rd
 OBSERVER Silvia Alegre DATE 1/24/2024

REMARKS _____

FORM COMPLETED BY Julio A. Alegre DATE 01/18/24

H O U R S	West side of			East side of			North side of			South side of			GRAND TOTAL
	<u>Mitchell Hammock Rd</u>			<u>Mitchell Hammock Rd</u>			<u>SR (Central Blvd)</u>			<u>SR (Central Blvd)</u>			
	NB	SB	TOTAL	NB	SB	TOTAL	EB	WB	TOTAL	EB	WB	TOTAL	
7:00 - 8:00	0	0	0	0	2	2	0	0	0	0	1	1	<u>3</u>
8:00 - 9:00	1	4	5	0	0	0	1	1	2	0	3	3	<u>10</u>
4:00 - 5:00	2	3	5	1	2	3	3	0	3	0	0	0	<u>11</u>
5:00 - 6:00	1	1	2	1	3	4	1	2	3	0	1	1	<u>10</u>
TOTAL	4	8	12	2	7	9	5	3	8	0	5	5	<u>34</u>

FLORIDA DEPARTMENT OF TRANSPORTATION

BICYCLE MOVEMENT SUMMARY

SECTION 77170000 CITY Oviedo COUNTY Seminole
 STATE ROUTE SR 434 (Central Ave) INTERSECTING ROUTE Mitchell Hammock Rd
 OBSERVER Silvia Alegre DATE 1/24/2024

REMARKS _____

FORM COMPLETED BY Silvia Alegre DATE 01/29/24

H O U R S	West side of			East side of			North side of			South side of			GRAND TOTAL
	<u>Mitchell Hammock Rd</u>			<u>Mitchell Hammock Rd</u>			<u>SR (Central Blvd)</u>			<u>SR (Central Blvd)</u>			
	NB	SB	TOTAL	NB	SB	TOTAL	EB	WB	TOTAL	EB	WB	TOTAL	
7:00 - 8:00	0	0	0	0	0	0	0	0	0	0	0	0	<u>0</u>
8:00 - 9:00	0	0	0	0	0	0	0	0	0	0	0	0	<u>0</u>
4:00 - 5:00	0	0	0	3	0	3	0	2	2	0	0	0	<u>5</u>
5:00 - 6:00	0	1	1	1	0	1	1	0	1	2	0	2	<u>5</u>
TOTAL	0	1	1	4	0	4	1	2	3	2	0	2	<u>10</u>

FLORIDA DEPARTMENT OF TRANSPORTATION																	
PEDESTRIAN/BICYCLE MOVEMENT SUMMARY																	
SECTION; _____										CITY; _____ OVIEDO _____							
OBSERVER; _____ SILVIA _____										DATE; _____ 01/52/2024 _____							
NORTH/SOUTH; SR 434 (CENTRAL AVE) _____										EAST/WEST; _____ Boardwalk Ave _____							
H O U R	PEDESTRIANS		PEDESTRIANS		BIKES		BIKES		H O U R	PEDESTRIANS		PEDESTRIANS		BIKES		BIKES	
	North		South		North		South			North		South		North		South	
	WB	EB	WB	EB	WB	EB	WB	EB		WB	EB	WB	EB	WB	EB	WB	EB
	WB	EB	WB	EB	WB	EB	WB	EB		WB	EB	WB	EB	WB	EB	WB	EB
0:00								1		12:00							
0:15										12:15							
0:30										12:30							
0:45										12:45							
1:00								1		13:00							
1:15										13:15			3				
1:30										13:30							
1:45										13:45							
2:00								1		14:00							
2:15										14:15							
2:30										14:30							
2:45										14:45							
3:00										15:00							
3:15										15:15							
3:30										15:30							
3:45										15:45							
4:00										16:00							
4:15										16:15							
4:30										16:30							
4:45										16:45							
5:00										17:00							
5:15										17:15							
5:30										17:30							
5:45										17:45							
6:00										18:00							
6:15										18:15							
6:30										18:30							
6:45										18:45							
7:00										19:00							
7:15										19:15		7					
7:30										19:30							
7:45										19:45							
8:00										20:00		1					
8:15										20:15							
8:30										20:30					1		
8:45										20:45						1	
9:00										21:00							
9:15										21:15							
9:30										21:30							
9:45	3									21:45			1				
10:00										22:00							
10:15										22:15	2		2				
10:30										22:30							
10:45										22:45							
11:00		1								23:00		3					
11:15										23:15							
11:30										23:30							
11:45										23:45		2					

PEDESTRIANS		PEDESTRIANS		BIKES		BIKES	
North		South		North		South	
WB	EB	WB	EB	WB	EB	WB	EB
5	14	2	4	1	0	1	3

Total

BICYCLE MOVEMENT SUMMARY

FORM COMPLETED BY Silvia Alegre **DATE** 01/25/24

[illegible]

PEDESTRIAN MOVEMENT SUMMARY

SECTION	77170000	CITY	Oviedo	COUNTY	Seminole
STATE ROUTE	SR 434 (Central Ave)	INTERSECTING ROUTE	Boardwalk Ave		
OBSERVER	Silvia Alegre	DATE	1/25/2024		
REMARKS					
	FORM COMPLETED BY Silvia Alegre			DATE 01/25/24	

[illegible]

FLORIDA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN MOVEMENT SUMMARY

SECTION

77170000

CITY

Oviedo

COUNTY

Seminole

STATE ROUTE

SR 434 (Central Ave)

INTERSECTING ROUTE

Hillcrest Dr

OBSERVER

Ridley & Jhoanna

DATE

1/23/2024

REMARKS

FORM COMPLETED BY

Silvia Alegre

DATE

01/26/24

H O U R S	West side of			East side of			North side of			South side of			GRAND TOTAL
	Hillcrest Dr			N/A			SR 434 (Central Ave)			SR 434 (Central Ave)			
	NB	SB	TOTAL	NB	SB	TOTAL	EB	WB	TOTAL	EB	WB	TOTAL	
7:00 - 8:00	0	0	0	0	2	2	0	0	0	0	0	0	2
8:00 - 9:00	0	0	0	1	1	2	0	0	0	0	0	0	2
4:00 - 5:00	0	5	5	2	3	5	0	0	0	0	0	0	10
5:00 - 6:00	1	1	2	0	2	2	0	0	0	0	0	0	4
TOTAL	1	6	7	3	8	11	0	0	0	0	0	0	18

FLORIDA DEPARTMENT OF TRANSPORTATION

BICYCLE MOVEMENT SUMMARY

SECTION 77170000 CITY Oviedo COUNTY Seminole
 STATE ROUTE SR 434 (Central Ave) INTERSECTING ROUTE Hillcrest Dr
 OBSERVER Ridley & Jhoanna DATE 1/23/2024

REMARKS _____

FORM COMPLETED BY Silvia Alegre DATE 01/26/24

H O U R S	West side of			East side of			North side of			South side of			GRAND TOTAL
	Hillcrest Dr			N/A			SR 434 (Central Ave)			SR 434 (Central Ave)			
	NB	SB	TOTAL	NB	SB	TOTAL	EB	WB	TOTAL	EB	WB	TOTAL	
7:00 - 8:00	0	1	1	0	0	0	0	0	0	0	0	0	1
8:00 - 9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 - 5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 - 6:00	0	1	1	0	1	1	0	0	0	0	0	0	2
TOTAL	0	2	2	0	1	1	0	0	0	0	0	0	3

FLORIDA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN MOVEMENT SUMMARY

SECTION	77170000	CITY	Oviedo	COUNTY	Seminole
STATE ROUTE	SR 434 (Central Ave)	INTERSECTING ROUTE	Clark St		
OBSERVER	Silvia Alegre	DATE	1/24/2024		
REMARKS					
FORM COMPLETED BY Silvia Alegre					
DATE 01/26/24					

H O U R S	West side of			East side of			North side of			South side of			GRAND TOTAL
	Clark St			The Goddard School			SR 434 (Central Ave)			SR 434 (Central Ave)			
	NB	SB	TOTAL	NB	SB	TOTAL	EB	WB	TOTAL	EB	WB	TOTAL	
7:00 - 8:00	0	0	0	2	0	2	0	0	0	0	0	0	2
8:00 - 9:00	0	0	0	1	3	4	0	0	0	0	0	0	4
4:00 - 5:00	2	1	3	0	3	3	0	0	0	0	0	0	6
5:00 - 6:00	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2	3	5	4	11	15	0	0	0	0	0	0	20

BICYCLE MOVEMENT SUMMARY

REMARKS _____

FORM COMPLETED BY Silvia Alegre **DATE** 01/26/24

[illegible]

**FLORIDA DEPARTMENT OF TRANSPORTATION
PEDESTRIAN/BICYCLE MOVEMENT SUMMARY**

SECTION; _____

CITY; _____ OVIEDO _____

OBSERVER; _____ SILVIA _____

DATE; _____ 01/22/2024 _____

NORTH/SOUTH; SR 434 (CENTRAL AVE) _____

EAST/WEST; _____ CROSS SEMINOLE TRAIL _____

H O U R	PEDESTRIANS		BIKES		H O U R	PEDESTRIANS		BIKES	
	WB	EB	WB	EB		WB	EB	WB	EB
0:00					12:00				4
0:15					12:15				
0:30					12:30				
0:45				2	12:45				
1:00					13:00				
1:15					13:15				
1:30				2	13:30				
1:45					13:45				
2:00					14:00				
2:15					14:15		2		
2:30					14:30	3	2	2	1
2:45				1	14:45			1	1
3:00					15:00		1		
3:15					15:15				1
3:30					15:30	2			1
3:45					15:45	1	1		
4:00					16:00				3
4:15					16:15	1			1
4:30					16:30	1	1		
4:45					16:45				
5:00					17:00		1		1
5:15					17:15				
5:30					17:30		1	1	
5:45					17:45				
6:00					18:00		1		
6:15					18:15		1		
6:30					18:30				
6:45					18:45		2		
7:00					19:00			1	
7:15					19:15			4	
7:30					19:30		2	3	3
7:45					19:45	2	1	2	1
8:00					20:00		2	1	1
8:15					20:15	1	2	1	
8:30					20:30			1	4
8:45					20:45				
9:00					21:00			2	
9:15					21:15				
9:30					21:30			1	
9:45					21:45				
10:00		3			22:00		1		
10:15		2	1	1	22:15				
10:30					22:30				
10:45					22:45				
11:00	1		2		23:00				
11:15		3			23:15				
11:30		1			23:30				
11:45	1	1	3	2	23:45				

FLORIDA DEPARTMENT OF TRANSPORTATION

BICYCLE MOVEMENT SUMMARY

SECTION 77170000 CITY Oviedo COUNTY Seminole
 STATE ROUTE SR 434 (Central Ave) INTERSECTING ROUTE Broadway St
 OBSERVER Silvia Alegre DATE 1/23/2024

REMARKS _____

FORM COMPLETED BY Silvia Alegre DATE 01/25/24

H O U R S	West side of			East side of			North side of			South side of			GRAND TOTAL
	Broadway St			Broadway St			SR 434 (Central Ave)			SR 434 (Central Ave)			
	NB	SB	TOTAL	NB	SB	TOTAL	EB	WB	TOTAL	EB	WB	TOTAL	
7:00 - 8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 - 9:00	2	1	3	0	0	0	0	0	0	0	0	0	0
4:00 - 5:00	2	1	3	1	2	3	1	2	3	0	0	0	0
5:00 - 6:00	2	4	6	0	0	0	0	0	0	0	0	0	0
TOTAL	6	6	12	1	2	3	1	2	3	0	0	0	0

FLORIDA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN MOVEMENT SUMMARY

SECTION	77170000	CITY	Oviedo	COUNTY	Seminole
STATE ROUTE	SR 434 (Central Ave)	INTERSECTING ROUTE	Broadway St		
OBSERVER	Silvia Alegre	DATE	1/23/2024		

REMARKS _____

FORM COMPLETED BY Silvia Alegre DATE 01/25/24

H O U R S	West side of			East side of			North side of			South side of			GRAND TOTAL
	Broadway St			Broadway St			SR 434 (Central Ave)			SR 434 (Central Ave)			
	NB	SB	TOTAL	NB	SB	TOTAL	EB	WB	TOTAL	EB	WB	TOTAL	
7:00 - 8:00	0	0	0	0	1	1	0	1	1	0	0	0	2
8:00 - 9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 - 5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 - 6:00	3	2	5	0	0	0	0	0	0	0	0	0	5
TOTAL	3	2	5	0	1	1	0	1	1	0	0	0	7

Appendix I

Signal Timings



Name	SR 434		MHammock		SR 434		MHammock										Phase Mode		STD8		Free Action		32																
Direction	SL	NT	WL	ET	NL	ST	EL	WT									Free Seq		1		Syn Green																		
Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	InSync		✓		P2P Pattern																		
Phase/OL	1	2	3	4	5	6	7	8	9	10	11	12	2	4	6	8	Comm ID		1395		Node #		1703																
Type	VEH	VEH	VEH	VEH	VEH	VEH	VEH	VEH	OLP	OLP	OLP	OLP	PED	PED	PED	PED	Date		February 21, 2023		Done By		SCTE\JVidal																
	Phase Times																Alt Phase Times 1																						
Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phase	1	2	3	4	5	6	7	8														
Min Green	6	8	6	15	6	8	6	15									Min Green	5	10	5	5	5	10	5	5														
Passage	3.5	5	4.5	4	3.5	5	3.5	4									Passage	1	1	1	1	1	1	1	1														
Max 1	25	75	45	100	65	70	25	90									Max 1	20	70	45	80	65	80	15	80														
Max 2	25	75	45	100	65	70	25	90									Max 2	20	70	45	80	65	80	15	80														
Yellow Clr	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8									Yel Clr	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8														
Red Clr	3	3	2.8	2	3	3	2.6	2									Red Clr	3	3	2.8	2	3	3	2.6	2														
Walk		7		7		7		7									Walk		7		7		7		7														
Ped Clear		22		31		26		24									Ped Clr		22		31		26		24														
Red Revert	3	3	3	3	3	3	3	3									Alt Phase Times 2																						
Added Init																	Phase																						
Max Initial																	Min Green																						
Max 3 Limit																	Passage																						
Max 3 Step																	Max 1																						
Time B-4																	Max 2																						
Cars B-4																	Yel Clr																						
Time to																	Red Clr																						
Reduce By																	Walk																						
Min Gap																	Ped Clr																						
	Phase Options																	Alt Phase Opt 1																					
Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phase	1	2	3	4	5	6	7	8														
Enable	✓	✓	✓	✓	✓	✓	✓	✓									Max 2																						
Min Recall																	Max Inhibit	✓	✓	✓	✓	✓	✓	✓	✓														
Max Recall																	Cnf Phase																						
Ped Recall																	Alt Phase Opt 2																						
Soft Recall																	Phase	1	2	3	4	5	6	7	8														
Lock Call	✓	✓			✓	✓											Max 2																						
Flash Ent				✓				✓									Max Inhibit		✓			✓																	
Flash Exit		✓				✓											Cnf Phase																						
Dual Entry		✓		✓		✓		✓									Alt Phase Opt 3																						
Sim Gap		✓		✓		✓		✓									Phase	1	2	3	4	5	6	7	8														
Cond Serv																	Max2																						
Reservice																	Max Inhibit																						
Cnf Phase																	Cnf Phase																						
	Type				Included Phase																Modifier Phase								FYA	Grn	Yel	Red							
Overlap - A																																							
Overlap - B																																							
Overlap - C																																							
Overlap - D																																							
Overlap - E																																							
Overlap - F																																							
Overlap - G																																							
Overlap - H																																							
Overlap - I																																							
Overlap - J																																							
Overlap - K																																							
Overlap - L																																							
Overlap - M																																							
Overlap - N																																							
Overlap - O																																							
Overlap - P																																							

Coordination Splits 1-16																Day Plans 1-8										
Split 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Sunday		1	2	3					
Cycle =190	22	59	42	67	34	47	14	95									P	Hour		10	19					
Seq =2				✓														Min								
Mode				MAX				MAX										Action	99	8	99					
Split 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A								
Cycle =_																	N	Hour								
Seq =_																		Min								
Mode																		Action								
Split 3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Monday		1	2	3	4	5	6	7
Cycle =150	24	47	30	49	34	37	24	55									P	Hour		6	8	8	9	14	16	17
Seq =2				✓														Min		30	10	45	30	30	30	
Mode				MAX				MAX										Action	99	11	1	11	3	14	24	4
Split 4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A		9	10	11				
Cycle =190	20	61	25	84	45	36	24	85									N	Hour	18	19	21					
Seq =3				✓														Min								
Mode				MAX				MAX										Action	24	5	99					
Split 5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Tuesday		1	2	3	4	5	6	7
Cycle =130	18	35	32	45	25	28	15	62									P	Hour		6	8	8	9	14	16	17
Seq =3				✓														Min		30	10	45	30	30	30	
Mode				MAX				MAX										Action	99	11	1	11	3	14	24	4
Split 6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A		9	10	11				
Cycle =130	18	37	30	45	31	24	19	56									N	Hour	18	19	21					
Seq =3				✓														Min								
Mode		MAX		MAX				MAX										Action	24	5	99					
Split 7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Wednesday		1	2	3	4	5	6	7
Cycle =130	20	38	26	46	28	30	20	52									P	Hour		6	8	8	9	14	16	17
Seq =2				✓														Min		30	10	45	30		30	
Mode				MAX				MAX										Action	99	11	1	11	3	14	24	4
Split 8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A		9	10	11				
Cycle =160	23	45	38	54	34	34	18	74									N	Hour	18	19	21					
Seq =2				✓														Min								
Mode				MAX				MAX										Action	24	5	99					
Split 9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Thursday		1	2	3	4	5	6	7
Cycle =_																	P	Hour		6	8	8	9	14	16	17
Seq =_																		Min		30	10	45	30	30	30	
Mode																		Action	99	11	1	11	3	14	24	4
Split 10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A		9	10	11				
Cycle =_																	N	Hour	18	19	21					
Seq =_																		Min								
Mode																		Action	24	5	99					
Split 11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Friday		1	2	3	4	5	6	7
Cycle =190	22	59	40	69	37	44	15	94									P	Hour		6	8	8	9	14	16	17
Seq =2				✓														Min		30	10	45	30	30	30	
Mode				MAX				MAX										Action	99	11	1	11	3	14	24	4
Split 12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A		9	10	11				
Cycle =_																	N	Hour	18	19	21					
Seq =_																		Min								
Mode																		Action	24	5	99					
Split 13	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Saturday		1	2	3	4	5		
Cycle =_																	P	Hour		8	10	19	21			
Seq =_																		Min								
Mode																		Action	99	6	16	7	99			
Split 14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A								
Cycle =180	20	57	25	78	45	32	27	76									N	Hour								
Seq =3				✓														Min								
Mode				MAX				MAX										Action								
Split 15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				1	2	3	4	5	6	7
Cycle =_																	P	Hour		6	8	8	9	12	13	14
Seq =_																		Min		30	10	45	30	25	30	30
Mode																		Action	99	11	1	11	3	14	3	14
Split 16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A		9	10	11	12	13		
Cycle =160	23	45	38	54	34	34	18	74									N	Hour	16	17	18	19	21			
Seq =2				✓														Min	30							
Mode				MAX				MAX										Action	24	4	24	5	99			

Coordination Splits 17-32																	Day Plans 9-16									
Split 17 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 9	Hour Min Action								
Split 18 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A N 9	Hour Min Action								
Split 19 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 10	Hour Min Action								
Split 20 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A N 10	Hour Min Action								
Split 21 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 11	Hour Min Action								
Split 22 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A N 11	Hour Min Action								
Split 23 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 12	Hour Min Action								
Split 24 Cycle =190 Seq =3 Mode	1 22	2 62	3 26	4 80 ✓ MAX	5 45	6 39	7 22	8 84									A N 12	Hour Min Action								
Split 25 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 13	Hour Min Action								
Split 26 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A N 13	Hour Min Action								
Split 27 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 14	Hour Min Action								
Split 28 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A N 14	Hour Min Action								
Split 29 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 15	Hour Min Action								
Split 30 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A N 15	Hour Min Action								
Split 31 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P L A N 16	Hour Min Action								
Split 32 Cycle =_ Seq =_ Mode	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A N 16	Hour Min Action								

	Cycle	Offset	Split	Seq	Coord	Time	Opt	Det	CIR	Short	Long	No S	No S	Yield	Max 2	Float	R-Hld	Y-Inh	Off-1	Off-2	Off-3	Off-4	Off-5	Off-6	Off-7	Off-8
Pattern - 1	190	9	1	2	4		1			12	22	7					✓									
Pattern - 2																										
Pattern - 3	150	111	3	2	4		1			12	22						✓									
Pattern - 4	190	39	4	3	4		1			12	22						✓									
Pattern - 5	130	59	5	3	4		1			12	22	7					✓									
Pattern - 6	130	43	6	3	4		1			12	22						✓									
Pattern - 7	130	15	7	2	4		1			12	22						✓									
Pattern - 8	160	64	8	2	4		1			12	22						✓									
Pattern - 9																										
Pattern - 10																										
Pattern - 11	190	9	11	2	4		1			12	22	7					✓									
Pattern - 12																										
Pattern - 13																										
Pattern - 14	180	132	14	3	4		1			12	22						✓									
Pattern - 15																										
Pattern - 16	160	64	16	2	4		1			12	22						✓									
Pattern - 17																										
Pattern - 18																										
Pattern - 19																										
Pattern - 20																										
Pattern - 21																										
Pattern - 22																										
Pattern - 23																										
Pattern - 24	190	39	24	3	4		1			12	22						✓									
Pattern - 25																										
Pattern - 26																										
Pattern - 27																										
Pattern - 28																										
Pattern - 29																										
Pattern - 30																										
Pattern - 31																										
Pattern - 32																										
	Cycle	Offset	Split	Seq	Coord	Time	Opt	Det	CIR	Short	Long	No S	No S	Yield	Max 2	Float	R-Hld	Y-Inh	Off-1	Off-2	Off-3	Off-4	Off-5	Off-6	Off-7	Off-8
Pattern - 33																										
Pattern - 34																										
Pattern - 35																										
Pattern - 36																										
Pattern - 37																										
Pattern - 38																										
Pattern - 39																										
Pattern - 40																										
Pattern - 41																										
Pattern - 42																										
Pattern - 43																										
Pattern - 44																										
Pattern - 45																										
Pattern - 46																										
Pattern - 47																										
Pattern - 48																										
BIU-1	Call	Swt	Dly	Lck	Src		BIU-2	Call	Swt	Dly	Lck	Src		BIU-3	Call	Swt	Dly	Lck	Src		BIU-4	Call	Swt	Dly	Lck	Src
Detector 1	1						17	1						33							49					
Detector 2	2						18	2						34							50					
Detector 3	3	8					19	3	8					35							51					
Detector 4	4						20	4						36							52					
Detector 5	4						21	4						37							53					
Detector 6	4						22	4						38							54					
Detector 7	5						23	5						39							55					
Detector 8	5						24	5						40							56					
Detector 9	6						25	6						41							57					
Detector 10	7	4					26	7	4					42							58					
Detector 11	8						27	8						43							59					
Detector 12	8						28	8						44							60					
Detector 13							29	2						45							61					
Detector 14							30	2						46							62					
Detector 15							31	6						47							63	2				
Detector 16							32	6						48							64	6				

	Enbl	Track Phase				Gm	Track Overlap				Dwell Phase				Dwl	Dwell Overlap				Exit Phase			
Pre Run 1																							
Pre Run 2																							
Pre Run 3	ON										3		8										
Pre Run 4	ON										4		7										
Pre Run 5	ON										2		5										
Pre Run 6	ON										1		6										

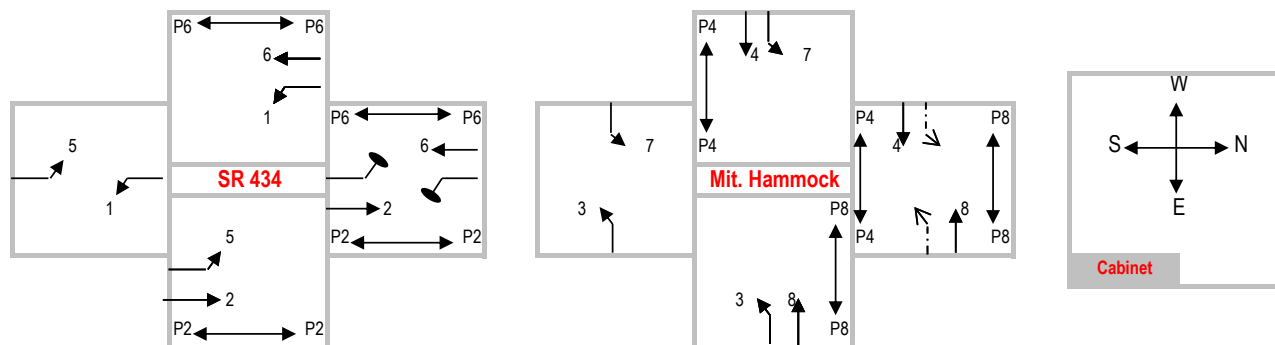
Intersection Notes

Intersection set up with concurrent sides.
Mainstreet LT's are protected and Locked.
Sidestreet LT's are 5 sections and are switched thru call redirection.
InSync uses pattern 21 and Alt. Timings 1.

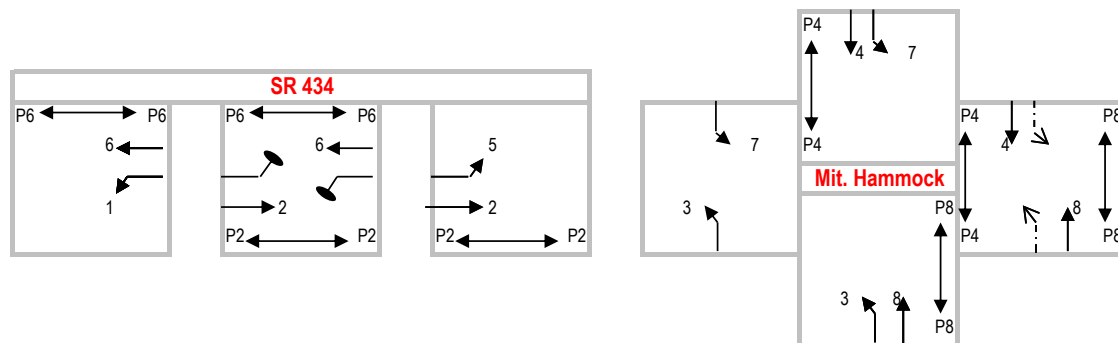
T.O.D Notes

Intersection currently running InSync.
TOD plans left on database as backup.
Pattern 24 used to help rush Hr PM when running TOD.

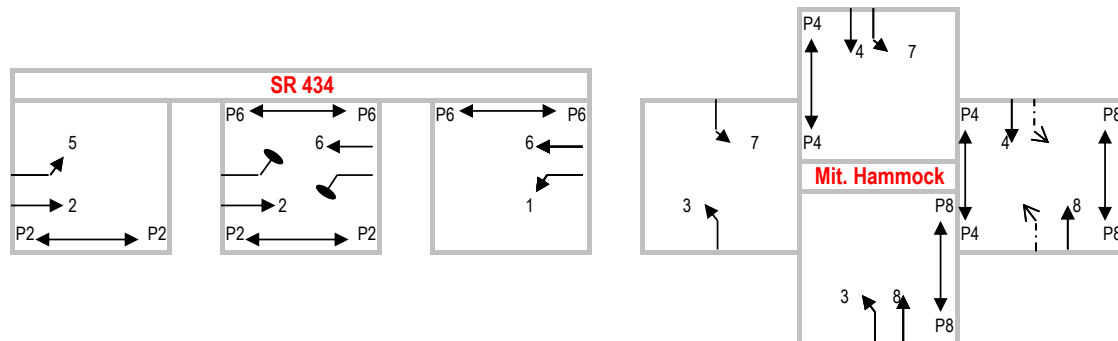
Signal Retimed April 2020.



	Seq 1			
Ring 1	1	2	3	4
Ring 2	5	6	7	8



	Seq 2			
Ring 1	1	2	3	4
Ring 2	6	5	7	8



	Seq 3			
Ring 1	2	1	3	4
Ring 2	5	6	7	8

Seminole County Traffic Engineering Timing Sheet

Intersection: Broadway St @ (18) Central Ave



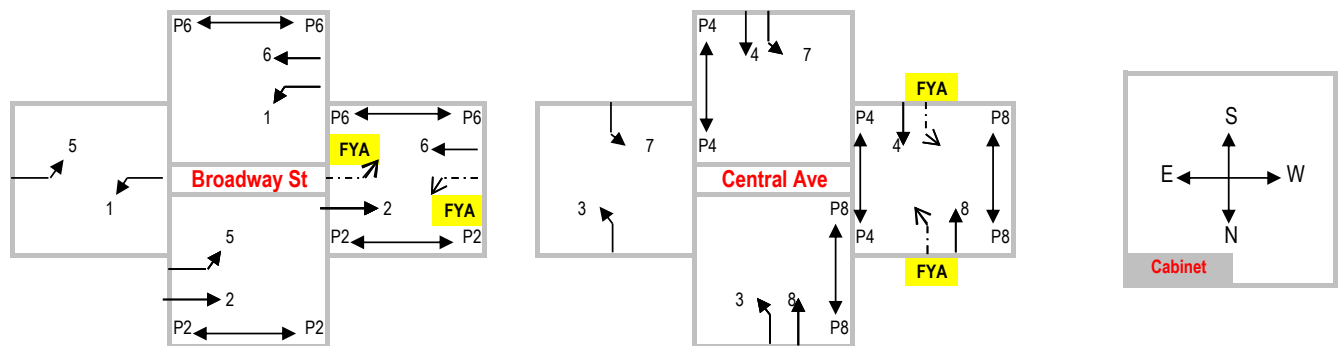
Name	Broadway St		Central Ave		Broadway St		Central Ave										Phase Mode	STD8	Free Action	254					
Direction	EL	WT	SL	NT	WL	ET	NL	ST									Free Seq	1	Syn Green						
Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	InSync		P2P Pattern						
Phase/OL	1	2	3	4	5	6	7	8	9	10	11	12	2	4	6	8	Comm ID	1850	Node #	4307					
Type	OLP	VEH	OLP	VEH	OLP	VEH	OLP	VEH	OLP	OLP	OLP	OLP	PED	PED	PED	PED	Date	January 22, 2024	Done By	SCTE\RFitzgerald					
Phase Times																	Alt Phase Times 1								
Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phase			8					
Min Green	6	15	6	10	6	15	6	10									Min Green			10					
Passage	3	3	3	3	3	3	3	5									Passage			8					
Max 1	15	40	15	35	15	40	15	35									Max 1			20					
Max 2	15	90	15	35	15	90	15	35									Max 2			20					
Yellow Clr	4.3	4.3	3.7	3.7	4.3	4.3	3.7	3.7									Yel Clr			3.7					
Red Clr	3.4	3.4	4.3	4.3	3.4	3.4	4.3	4.3									Red Clr			4.3					
Walk		7		7		7		7									Walk			7					
Ped Clear		23		30		25		30									Ped Clr			30					
Red Revert	3	5	3	3	3	5	3	3									Alt Phase Times 2								
Added Init																	Phase								
Max Initial																	Min Green								
Max 3 Limit																	Passage								
Max 3 Step																	Max 1								
Time B-4																	Max 2								
Cars B-4																	Yel Clr								
Time to																	Red Clr								
Reduce By																	Walk								
Min Gap																	Ped Clr								
Phase Options																	Alt Phase Opt 1								
Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Phase	1	2	3	4	5	6	7	8
Enable	✓	✓	✓	✓	✓	✓	✓	✓									Max 2								
Min Recall		✓				✓											Max Inhibit	✓	✓	✓	✓	✓	✓	✓	✓
Max Recall	✓	✓		✓	✓	✓	✓										Cnf Phase								
Ped Recall																	Alt Phase Opt 2								
Soft Recall																	Phase	1	2	3	4	5	6	7	8
Lock Call		✓				✓											Max 2								
Flash Ent								✓									Max Inhibit		✓			✓			
Flash Exit		✓				✓											Cnf Phase								
Dual Entry		✓		✓		✓		✓									Alt Phase Opt 3								
Sim Gap		✓				✓											Phase								
Cond Serv																	Max2								
Reservice																	Max Inhibit								
Cnf Phase																	Cnf Phase								
Type		Included Phase															Modifier Phase					FYA	Grn	Yel	Red
Overlap - A	FYA-4	1															2					3		4.3	3.4
Overlap - B																									
Overlap - C	FYA-4	3															4					3		3.7	4.3
Overlap - D																									
Overlap - E	FYA-4	5															6					3		4.3	3.4
Overlap - F																									
Overlap - G	FYA-4	7															8					3		3.7	4.3
Overlap - H																									
Overlap - I																									
Overlap - J																									
Overlap - K																									
Overlap - L																									
Overlap - M																									
Overlap - N																									
Overlap - O																									
Overlap - P																									

Coordination Splits 1-16																Day Plans 1-8									
Split 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Sunday	1	2	3	4	5			
Cycle =160	20	72	16	52	23	69	17	51									P	Hour		9	11	16	19		
Seq =10		✓																Min		30		30	30		
Mode		MAX				MAX												Action	254	8	18	9	254		
Split 2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =_																	N	Hour							
Seq =_																		Min							
Mode																		Action							
Split 3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Monday	1	2	3	4	5	6	
Cycle =130	26	56	18	30	18	64	19	29									P	Hour		6	10	14	19	21	
Seq =3						✓												Min		45		30			
Mode		MAX				MAX												Action	254	1	3	4	5	254	
Split 4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =130	27	51	16	36	18	60	17	35									N	Hour							
Seq =1		✓																Min							
Mode		MAX				MAX												Action							
Split 5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Tuesday	1	2	3	4	5	6	
Cycle =90	16	37	16	21	16	37	16	21									P	Hour		6	10	14	19	21	
Seq =1		✓																Min		45		30			
Mode		MAX				MAX												Action	254	1	3	4	5	254	
Split 6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =90	16	35	16	23	16	35	16	23									N	Hour							
Seq =1		✓																Min							
Mode		MAX				MAX												Action							
Split 7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Wednesday	1	2	3	4	5	6	
Cycle =90	16	37	16	21	16	37	16	21									P	Hour		6	10	14	19	21	
Seq =1		✓																Min		45		30			
Mode		MAX				MAX												Action	254	1	3	4	5	254	
Split 8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =90	16	35	16	23	16	35	16	23									N	Hour							
Seq =1		✓																Min							
Mode		MAX				MAX												Action							
Split 9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Thursday	1	2	3	4	5	6	
Cycle =90	16	37	16	21	16	37	16	21									P	Hour		6	10	14	19	21	
Seq =1		✓																Min		45		30			
Mode		MAX				MAX												Action	254	1	3	4	5	254	
Split 10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =_																	N	Hour							
Seq =_																		Min							
Mode																		Action							
Split 11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Friday	1	2	3	4	5	6	
Cycle =_																	P	Hour		6	10	14	19	21	
Seq =_																		Min		45		30			
Mode																		Action	254	1	3	4	5	254	
Split 12	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =_																	N	Hour							
Seq =_																		Min							
Mode																		Action							
Split 13	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		Saturday	1	2	3	4	5		
Cycle =_																	P	Hour		8	9	17	21		
Seq =_																		Min			30				
Mode																		Action	254	6	16	7	254		
Split 14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =120	15	52	15	38	15	52	15	38									N	Hour							
Seq =1		✓																Min							
Mode		MAX				MAX												Action							
Split 15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16									
Cycle =_																	P	Hour							
Seq =_																		Min							
Mode																		Action							
Split 16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		A							
Cycle =130	24	55	18	33	18	61	16	35									N	Hour							
Seq =3						✓												Min							
Mode		MAX				MAX												Action							

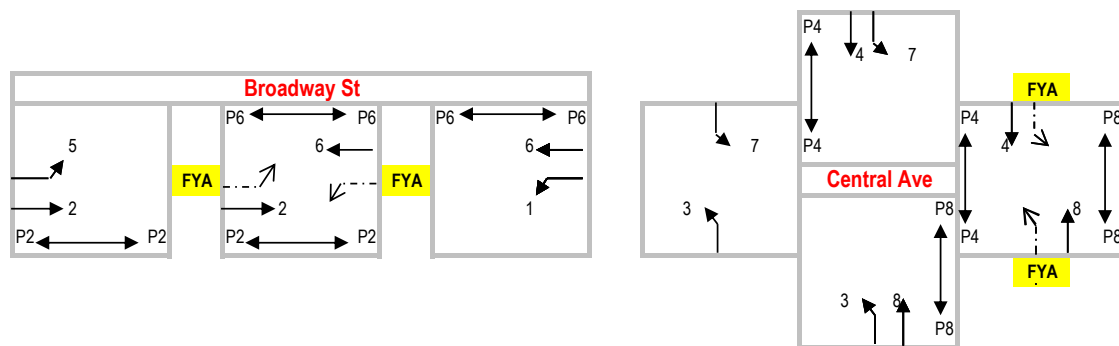
Coordination Splits 17-32																	Day Plans 9-16									
Split 17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle =130	24	55	18	33	18	61	16	35										Hour								
Seq =3						✓												Min								
Mode		MAX				MAX												Action								
Split 19	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle = _																		Hour								
Seq = _																		Min								
Mode																		Action								
Split 21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 22	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle = _																		Hour								
Seq = _																		Min								
Mode																		Action								
Split 23	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle = _																		Hour								
Seq = _																		Min								
Mode																		Action								
Split 25	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 26	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle = _																		Hour								
Seq = _																		Min								
Mode																		Action								
Split 27	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 28	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle = _																		Hour								
Seq = _																		Min								
Mode																		Action								
Split 29	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle = _																		Hour								
Seq = _																		Min								
Mode																		Action								
Split 31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	P	Hour								
Cycle = _																		Min								
Seq = _																		Action								
Mode																										
Split 32	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	A									
Cycle = _																		Hour								
Seq = _																		Min								
Mode																		Action								

	Cycle	Offset	Split	Seq	Coord	Time	Opt	Det	CIR	Short	Long	No S	No S	Yield	Max 2	Float	R-Hld	Y-Inh	Off-1	Off-2	Off-3	Off-4	Off-5	Off-6	Off-7	Off-8
Pattern - 1	160	1	1	10	2	1	1			12	22						✓	✓								
Pattern - 2																										
Pattern - 3	130	1	3	3	6		1			12	22						✓	✓								
Pattern - 4	130	1	4	1	2	1	1			12	22						✓	✓								
Pattern - 5	90	1	5	1	2		1			12	22						✓	✓								
Pattern - 6	90	1	6	1	2		1			12	22						✓	✓								
Pattern - 7	90	1	7	1	2		1			12	22						✓	✓								
Pattern - 8	90	1	8	1	2		1			12	22						✓	✓								
Pattern - 9	90	1	9	1	2		1			12	22						✓	✓								
Pattern - 10																										
Pattern - 11																										
Pattern - 12																										
Pattern - 13																										
Pattern - 14	120	93	14	1	2		1			12	22						✓	✓								
Pattern - 15																										
Pattern - 16	130	1	16	3	6		1			12	22						✓	✓								
Pattern - 17																										
Pattern - 18	130	1	18	3	6		1			12	22						✓	✓								
Pattern - 19																										
Pattern - 20																										
Pattern - 21																										
Pattern - 22																										
Pattern - 23																										
Pattern - 24																										
Pattern - 25																										
Pattern - 26																										
Pattern - 27																										
Pattern - 28																										
Pattern - 29																										
Pattern - 30																										
Pattern - 31																										
Pattern - 32																										
	Cycle	Offset	Split	Seq	Coord	Time	Opt	Det	CIR	Short	Long	No S	No S	Yield	Max 2	Float	R-Hld	Y-Inh	Off-1	Off-2	Off-3	Off-4	Off-5	Off-6	Off-7	Off-8
Pattern - 33																										
Pattern - 34																										
Pattern - 35																										
Pattern - 36																										
Pattern - 37																										
Pattern - 38																										
Pattern - 39																										
Pattern - 40																										
Pattern - 41																										
Pattern - 42																										
Pattern - 43																										
Pattern - 44																										
Pattern - 45																										
Pattern - 46																										
Pattern - 47																										
Pattern - 48																										
BIU-1	Call	Swt	Dly	Lck	Src		BIU-2	Call	Swt	Dly	Lck	Src		BIU-3	Call	Swt	Dly	Lck	Src		BIU-4	Call	Swt	Dly	Lck	Src
Detector 1	1					17								33	1					49						
Detector 2	2					18								34	2					50						
Detector 3	3					19								35	3					51						
Detector 4	4			✓	36	20								36	4					52						
Detector 5	4			✓	37	21								37	4					53						
Detector 6	5		7			22								38	5					54						
Detector 7	6					23								39	6					55						
Detector 8	7			✓	40	24								40	7					56						
Detector 9	8					25								41	8					57						
Detector 10	8					26								42	8					58						
Detector 11						27								43						59						
Detector 12						28								44						60						
Detector 13						29								45						61						
Detector 14						30								46						62						
Detector 15						31								47						63						
Detector 16						32								48						64						

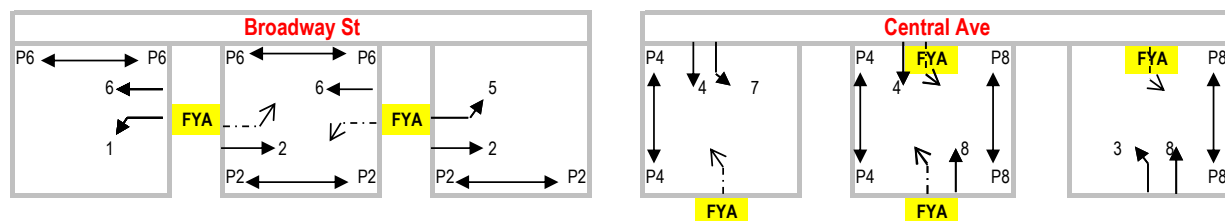
	Enbl	Track Phase	Gm	Track Overlap	Dwell Phase				Dwl	Dwell Overlap				Exit Phase			
Pre Run 1																	
Pre Run 2																	
Pre Run 3	ON					3	8			8	3	7		4	8		
Pre Run 4	ON					4	7			8	3	7		4	8		
Pre Run 5	ON					2	5			8	1	5		2	6		
Pre Run 6	ON					1	6			8	1	5		2	6		
Intersection Notes									T.O.D Notes								
Intersection set up with concurrent sides. Phase 1, 3, 5, 7 are FYA. Operation changed during construction December 2017. Phase 3, 4, and 7 were added.									Patterns 1, 4 use Alt Tim. 1 to increase the gap time for phase 8.								
All phases in max recall due to construction.									Feb 2020 Retime.								



	Seq 1			
Ring 1	1	2	3	4
Ring 2	5	6	7	8



	Seq 3			
Ring 1	2	1	3	4
Ring 2	5	6	7	8



	Seq 10			
Ring 1	1	2	4	3
Ring 2	6	5	7	8

Appendix J

Synchro Analysis



HCM 6th Signalized Intersection Summary

3: SR 434 & Mitchell Hammock Road

2024 AM Peak Hour

02/18/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	86	678	441	304	995	75	431	450	145	69	452	80
Future Volume (veh/h)	86	678	441	304	995	75	431	450	145	69	452	80
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No			No			No		
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	97	762	496	342	1118	84	484	506	163	78	508	90
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	222	1462	652	367	1658	124	537	695	223	186	549	97
Arrive On Green	0.04	0.41	0.41	0.12	0.49	0.49	0.13	0.26	0.26	0.05	0.18	0.18
Sat Flow, veh/h	1781	3554	1585	1781	3350	252	3456	2647	848	1781	3019	532
Grp Volume(v), veh/h	97	762	496	342	593	609	484	339	330	78	298	300
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1825	1728	1777	1718	1781	1777	1775
Q Serve(g_s), s	6.0	30.5	50.9	20.6	48.0	48.1	21.1	33.0	33.3	6.7	31.3	31.6
Cycle Q Clear(g_c), s	6.0	30.5	50.9	20.6	48.0	48.1	21.1	33.0	33.3	6.7	31.3	31.6
Prop In Lane	1.00		1.00	1.00		0.14	1.00		0.49	1.00		0.30
Lane Grp Cap(c), veh/h	222	1462	652	367	879	903	537	467	451	186	323	323
V/C Ratio(X)	0.44	0.52	0.76	0.93	0.67	0.67	0.90	0.73	0.73	0.42	0.92	0.93
Avail Cap(c_a), veh/h	222	1462	652	452	879	903	631	479	463	238	339	338
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	33.7	41.9	47.9	33.6	36.4	36.4	54.7	63.8	63.9	60.3	76.4	76.5
Incr Delay (d2), s/veh	1.4	1.3	8.2	23.6	4.1	4.0	14.5	5.3	5.7	1.5	29.4	30.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	13.6	21.3	11.1	21.5	22.2	10.2	15.5	15.2	3.1	17.0	17.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	35.1	43.2	56.1	57.2	40.5	40.4	69.3	69.1	69.6	61.8	105.8	107.4
LnGrp LOS	D	D	E	E	D	D	E	E	E	E	F	F
Approach Vol, veh/h	1355			1544			1153			676		
Approach Delay, s/veh	47.4			44.2			69.3			101.4		
Approach LOS	D			D			E			F		
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	16.4	57.7	30.9	84.9	31.8	42.3	15.0	100.8				
Change Period (Y+Rc), s	7.8	7.8	* 7.6	6.8	7.8	7.8	7.4	6.8				
Max Green Setting (Gmax), s	14.2	51.2	* 32	62.2	29.2	36.2	7.6	87.2				
Max Q Clear Time (g_c+I1), s	8.7	35.3	22.6	52.9	23.1	33.6	8.0	50.1				
Green Ext Time (p_c), s	0.1	3.4	0.7	4.5	1.0	0.9	0.0	9.0				

Intersection Summary

HCM 6th Ctrl Delay 59.4

HCM 6th LOS E

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

HCM 6th Signalized Intersection Summary
9: SR 434 & SR 426 (Broadway Street)

2024 AM Peak Hour

02/18/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	 	 		 	 			 			 	
Traffic Volume (veh/h)	288	476	83	84	281	36	109	501	76	129	492	181
Future Volume (veh/h)	288	476	83	84	281	36	109	501	76	129	492	181
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	400	661	115	117	390	50	151	696	106	179	683	251
Peak Hour Factor	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	842	1365	609	548	1225	546	216	930	142	256	765	281
Arrive On Green	0.08	0.38	0.38	0.04	0.34	0.34	0.08	0.30	0.30	0.08	0.30	0.30
Sat Flow, veh/h	3456	3554	1585	3456	3554	1585	1781	3092	471	1781	2544	935
Grp Volume(v), veh/h	400	661	115	117	390	50	151	400	402	179	477	457
Grp Sat Flow(s),veh/h/ln	1728	1777	1585	1728	1777	1585	1781	1777	1786	1781	1777	1702
Q Serve(g_s), s	12.0	22.5	7.7	3.5	12.9	3.4	9.2	32.5	32.5	11.0	41.0	41.1
Cycle Q Clear(g_c), s	12.0	22.5	7.7	3.5	12.9	3.4	9.2	32.5	32.5	11.0	41.0	41.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.26	1.00		0.55
Lane Grp Cap(c), veh/h	842	1365	609	548	1225	546	216	535	537	256	535	512
V/C Ratio(X)	0.48	0.48	0.19	0.21	0.32	0.09	0.70	0.75	0.75	0.70	0.89	0.89
Avail Cap(c_a), veh/h	842	1365	609	749	1225	546	216	622	625	256	622	596
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.6	37.3	32.7	32.5	38.6	35.5	40.0	50.5	50.5	38.4	53.5	53.5
Incr Delay (d2), s/veh	0.4	1.2	0.7	0.2	0.7	0.3	17.1	4.2	4.2	8.2	13.8	14.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.1	10.1	3.1	1.5	5.8	1.4	5.1	15.2	15.3	5.5	20.4	19.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.0	38.5	33.4	32.7	39.3	35.8	57.1	54.7	54.7	46.6	67.2	67.7
LnGrp LOS	C	D	C	C	D	D	E	D	D	D	E	E
Approach Vol, veh/h		1176			557			953			1113	
Approach Delay, s/veh		35.5			37.6			55.1			64.1	
Approach LOS		D			D			E			E	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	20.0	62.9	21.0	56.1	13.7	69.2	21.0	56.1				
Change Period (Y+Rc), s	* 7.7	* 7.7	* 8	* 8	* 7.7	* 7.7	* 8	* 8				
Max Green Setting (Gmax), s	* 12	* 47	* 13	* 56	* 15	* 44	* 13	* 56				
Max Q Clear Time (g_c+I1), s	14.0	14.9	13.0	34.5	5.5	24.5	11.2	43.1				
Green Ext Time (p_c), s	0.0	2.8	0.0	5.3	0.2	4.7	0.1	5.1				

Intersection Summary

HCM 6th Ctrl Delay	49.1
HCM 6th LOS	D

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection												
Int Delay, s/veh	2.8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	0	49	0	23	2	544	13	10	635	1
Future Vol, veh/h	0	0	0	49	0	23	2	544	13	10	635	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	125	-	-	50	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	0	56	0	26	2	618	15	11	722	1
Major/Minor	Minor2		Minor1			Major1			Major2			
Conflicting Flow All	1388	1382	723	1375	1375	626	723	0	0	633	0	0
Stage 1	745	745	-	630	630	-	-	-	-	-	-	-
Stage 2	643	637	-	745	745	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	120	144	426	123	145	484	879	-	-	950	-	-
Stage 1	406	421	-	470	475	-	-	-	-	-	-	-
Stage 2	462	471	-	406	421	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	112	142	426	122	143	484	879	-	-	950	-	-
Mov Cap-2 Maneuver	112	142	-	122	143	-	-	-	-	-	-	-
Stage 1	405	416	-	469	474	-	-	-	-	-	-	-
Stage 2	436	470	-	401	416	-	-	-	-	-	-	-
Approach	EB		WB			NB			SB			
HCM Control Delay, s	0		49			0			0.1			
HCM LOS	A		E									
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR				
Capacity (veh/h)	879	-	-	-	160	950	-	-				
HCM Lane V/C Ratio	0.003	-	-	-	0.511	0.012	-	-				
HCM Control Delay (s)	9.1	-	-	0	49	8.8	-	-				
HCM Lane LOS	A	-	-	A	E	A	-	-				
HCM 95th %tile Q(veh)	0	-	-	-	2.5	0	-	-				

Intersection												
Int Delay, s/veh	5											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	11	1	67	10	2	58	78	446	45	38	597	37
Future Vol, veh/h	11	1	67	10	2	58	78	446	45	38	597	37
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	80	80	80	80	80	80	80	80	80	80	80	80
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	14	1	84	13	3	73	98	558	56	48	746	46

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1685	1675	769	1690	1670	586	792	0	0	614	0	0
Stage 1	865	865	-	782	782	-	-	-	-	-	-	-
Stage 2	820	810	-	908	888	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	75	95	401	74	96	510	829	-	-	965	-	-
Stage 1	348	371	-	387	405	-	-	-	-	-	-	-
Stage 2	369	393	-	330	362	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	50	71	401	46	72	510	829	-	-	965	-	-
Mov Cap-2 Maneuver	50	71	-	46	72	-	-	-	-	-	-	-
Stage 1	285	338	-	317	332	-	-	-	-	-	-	-
Stage 2	257	322	-	237	329	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	40.3		37.7		1.4		0.5	
HCM LOS	E		E					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	829	-	-	197	195	965	-
HCM Lane V/C Ratio	0.118	-	-	0.501	0.449	0.049	-
HCM Control Delay (s)	9.9	0	-	40.3	37.7	8.9	0
HCM Lane LOS	A	A	-	E	E	A	A
HCM 95th %tile Q(veh)	0.4	-	-	2.5	2.1	0.2	-

Intersection						
Int Delay, s/veh	0.5					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	7	23	6	538	599	1
Future Vol, veh/h	7	23	6	538	599	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	8	26	7	611	681	1

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	1307	682	682	0	-	0
Stage 1	682	-	-	-	-	-
Stage 2	625	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	176	450	911	-	-	-
Stage 1	502	-	-	-	-	-
Stage 2	534	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	174	450	911	-	-	-
Mov Cap-2 Maneuver	174	-	-	-	-	-
Stage 1	496	-	-	-	-	-
Stage 2	534	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	17.2	0.1	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	911	-	328	-	-
HCM Lane V/C Ratio	0.007	-	0.104	-	-
HCM Control Delay (s)	9	0	17.2	-	-
HCM Lane LOS	A	A	C	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

HCM 6th Signalized Intersection Summary

3: SR 434 & Mitchell Hammock Road

2024 PM Peak Hour

02/18/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	104	966	311	227	861	83	496	691	261	156	505	73
Future Volume (veh/h)	104	966	311	227	861	83	496	691	261	156	505	73
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No			No			No		
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	124	1150	370	270	1025	99	590	823	311	186	601	87
Peak Hour Factor	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	228	1444	644	243	1464	141	641	707	267	152	563	81
Arrive On Green	0.05	0.41	0.41	0.09	0.45	0.45	0.16	0.28	0.28	0.06	0.18	0.18
Sat Flow, veh/h	1781	3554	1585	1781	3274	316	3456	2524	952	1781	3116	450
Grp Volume(v), veh/h	124	1150	370	270	556	568	590	579	555	186	342	346
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1813	1728	1777	1699	1781	1777	1789
Q Serve(g_s), s	7.7	54.0	34.3	17.4	47.8	47.9	27.7	53.2	53.2	12.2	34.3	34.3
Cycle Q Clear(g_c), s	7.7	54.0	34.3	17.4	47.8	47.9	27.7	53.2	53.2	12.2	34.3	34.3
Prop In Lane	1.00		1.00	1.00		0.17	1.00		0.56	1.00		0.25
Lane Grp Cap(c), veh/h	228	1444	644	243	795	811	641	498	476	152	321	323
V/C Ratio(X)	0.54	0.80	0.57	1.11	0.70	0.70	0.92	1.16	1.17	1.22	1.07	1.07
Avail Cap(c_a), veh/h	291	1444	644	243	795	811	752	498	476	152	321	323
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	35.6	49.5	43.7	50.7	42.3	42.3	60.5	68.4	68.4	64.6	77.8	77.8
Incr Delay (d2), s/veh	2.0	4.6	3.7	90.8	5.1	5.0	15.1	93.9	95.8	144.6	68.7	69.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.5	24.5	14.1	17.9	21.9	22.3	13.4	36.8	35.4	7.6	21.9	22.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	37.6	54.1	47.4	141.5	47.3	47.3	75.7	162.3	164.2	209.2	146.6	147.6
LnGrp LOS	D	D	D	F	D	D	E	F	F	F	F	F
Approach Vol, veh/h	1644			1394			1724			874		
Approach Delay, s/veh	51.4			65.6			133.2			160.3		
Approach LOS	D			E			F			F		
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	20.0	61.0	25.0	84.0	38.9	42.1	17.2	91.8				
Change Period (Y+Rc), s	7.8	7.8	* 7.6	6.8	7.8	7.8	7.4	6.8				
Max Green Setting (Gmax), s	12.2	53.2	* 17	77.2	37.2	28.2	16.6	78.2				
Max Q Clear Time (g_c+I1), s	14.2	55.2	19.4	56.0	29.7	36.3	9.7	49.9				
Green Ext Time (p_c), s	0.0	0.0	0.0	9.4	1.4	0.0	0.1	7.7				

Intersection Summary

HCM 6th Ctrl Delay 96.8

HCM 6th LOS F

Notes

User approved pedestrian interval to be less than phase max green.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

HCM 6th Signalized Intersection Summary

9: SR 434 & SR 426 (Broadway Street)

2024 PM Peak Hour

02/18/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	288	476	83	84	281	36	109	501	76	129	492	181
Future Volume (veh/h)	288	476	83	84	281	36	109	501	76	129	492	181
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No			No			No		
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	374	618	108	109	365	47	142	651	99	168	639	235
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	875	1306	583	575	1113	497	213	852	129	251	701	258
Arrive On Green	0.09	0.37	0.37	0.04	0.31	0.31	0.08	0.28	0.28	0.08	0.28	0.28
Sat Flow, veh/h	3456	3554	1585	3456	3554	1585	1781	3093	470	1781	2544	935
Grp Volume(v), veh/h	374	618	108	109	365	47	142	374	376	168	446	428
Grp Sat Flow(s),veh/h/ln	1728	1777	1585	1728	1777	1585	1781	1777	1786	1781	1777	1702
Q Serve(g_s), s	9.2	17.3	6.0	2.7	10.2	2.7	7.3	25.1	25.2	8.8	31.6	31.6
Cycle Q Clear(g_c), s	9.2	17.3	6.0	2.7	10.2	2.7	7.3	25.1	25.2	8.8	31.6	31.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.26	1.00		0.55
Lane Grp Cap(c), veh/h	875	1306	583	575	1113	497	213	489	492	251	489	469
V/C Ratio(X)	0.43	0.47	0.19	0.19	0.33	0.09	0.67	0.76	0.77	0.67	0.91	0.91
Avail Cap(c_a), veh/h	1067	1306	583	716	1113	497	213	519	522	251	519	498
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.5	31.5	27.9	28.6	34.2	31.6	34.3	43.2	43.2	33.3	45.6	45.6
Incr Delay (d2), s/veh	0.3	1.2	0.7	0.2	0.8	0.4	15.4	6.3	6.3	6.7	19.8	20.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.8	7.6	0.1	1.2	4.5	1.1	4.1	11.9	12.0	4.3	16.5	16.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	25.8	32.7	28.6	28.8	34.9	32.0	49.6	49.5	49.6	40.0	65.3	66.1
LnGrp LOS	C	C	C	C	C	C	D	D	D	D	E	E
Approach Vol, veh/h	1100			521			892			1042		
Approach Delay, s/veh	29.9			33.4			49.5			61.6		
Approach LOS	C			C			D			E		
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	19.8	48.4	18.0	43.8	12.7	55.5	18.0	43.8				
Change Period (Y+Rc), s	* 7.7	* 7.7	* 8	* 8	* 7.7	* 7.7	* 8	* 8				
Max Green Setting (Gmax), s	* 19	* 31	* 10	* 38	* 10	* 40	* 10	* 38				
Max Q Clear Time (g_c+I1), s	11.2	12.2	10.8	27.2	4.7	19.3	9.3	33.6				
Green Ext Time (p_c), s	0.9	2.3	0.0	3.6	0.1	4.4	0.0	2.2				
Intersection Summary												
HCM 6th Ctrl Delay	44.6											
HCM 6th LOS	D											
Notes												
User approved pedestrian interval to be less than phase max green.												
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.												

Intersection												
Int Delay, s/veh	4.1											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕		↕	↕		↕	↕	
Traffic Vol, veh/h	8	2	23	27	1	17	12	726	53	36	715	12
Future Vol, veh/h	8	2	23	27	1	17	12	726	53	36	715	12
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	125	-	-	50	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	9	2	26	31	1	19	14	825	60	41	813	14

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1795	1815	820	1799	1792	855	827	0	0	885	0	0
Stage 1	902	902	-	883	883	-	-	-	-	-	-	-
Stage 2	893	913	-	916	909	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	62	78	375	62	81	358	804	-	-	765	-	-
Stage 1	332	356	-	340	364	-	-	-	-	-	-	-
Stage 2	336	352	-	326	354	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	55	73	375	53	75	358	804	-	-	765	-	-
Mov Cap-2 Maneuver	55	73	-	53	75	-	-	-	-	-	-	-
Stage 1	326	337	-	334	358	-	-	-	-	-	-	-
Stage 2	311	346	-	285	335	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	39.5		111.1		0.1		0.5	
HCM LOS	E		F					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	804	-	-	141	79	765	-
HCM Lane V/C Ratio	0.017	-	-	0.266	0.647	0.053	-
HCM Control Delay (s)	9.6	-	-	39.5	111.1	10	-
HCM Lane LOS	A	-	-	E	F	A	-
HCM 95th %tile Q(veh)	0.1	-	-	1	3	0.2	-

Intersection												
Int Delay, s/veh	6.6											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	21	2	105	8	0	67	42	633	27	29	649	8
Future Vol, veh/h	21	2	105	8	0	67	42	633	27	29	649	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	89	89	89	89	89	89	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	24	2	118	9	0	75	47	711	30	33	729	9

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1658	1635	734	1680	1624	726	738	0	0	741	0	0
Stage 1	800	800	-	820	820	-	-	-	-	-	-	-
Stage 2	858	835	-	860	804	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	78	101	420	75	102	425	868	-	-	866	-	-
Stage 1	379	397	-	369	389	-	-	-	-	-	-	-
Stage 2	352	383	-	351	396	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	57	86	420	47	86	425	868	-	-	866	-	-
Mov Cap-2 Maneuver	57	86	-	47	86	-	-	-	-	-	-	-
Stage 1	344	371	-	335	353	-	-	-	-	-	-	-
Stage 2	263	347	-	235	370	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	59.6		29.6		0.6		0.4	
HCM LOS	F		D					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	868	-	-	199	229	866	-
HCM Lane V/C Ratio	0.054	-	-	0.723	0.368	0.038	-
HCM Control Delay (s)	9.4	0	-	59.6	29.6	9.3	0
HCM Lane LOS	A	A	-	F	D	A	A
HCM 95th %tile Q(veh)	0.2	-	-	4.7	1.6	0.1	-

Intersection						
Int Delay, s/veh	0.8					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	12	35	13	665	749	13
Future Vol, veh/h	12	35	13	665	749	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	13	38	14	723	814	14

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	1572	821	828	0	-	0
Stage 1	821	-	-	-	-	-
Stage 2	751	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	121	374	803	-	-	-
Stage 1	432	-	-	-	-	-
Stage 2	466	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	117	374	803	-	-	-
Mov Cap-2 Maneuver	117	-	-	-	-	-
Stage 1	419	-	-	-	-	-
Stage 2	466	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	24	0.2	0
HCM LOS	C		

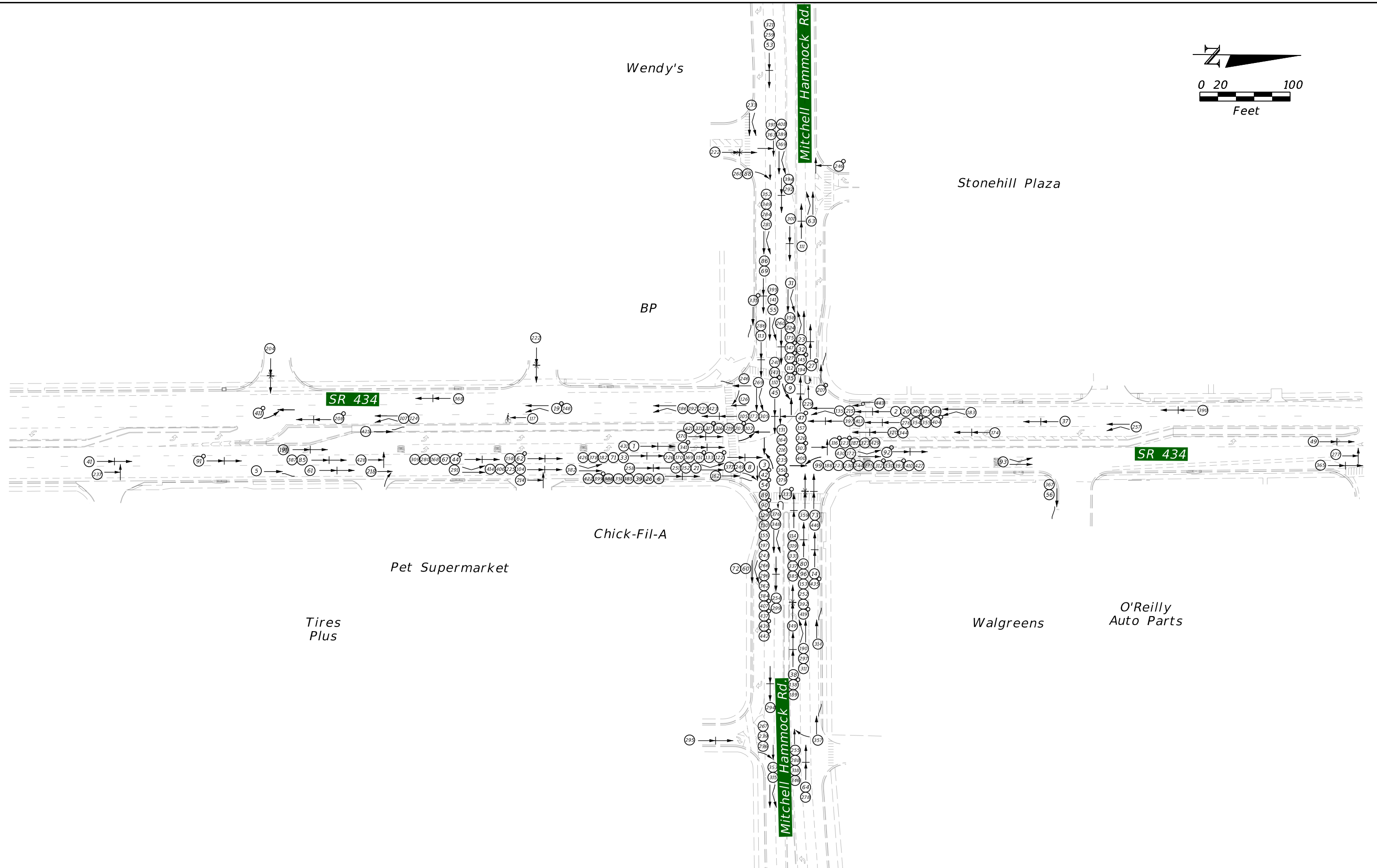
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	803	-	240	-	-
HCM Lane V/C Ratio	0.018	-	0.213	-	-
HCM Control Delay (s)	9.6	0	24	-	-
HCM Lane LOS	A	A	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.8	-	-

Appendix K

Crash Data



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SYMBOLS					
	INJURY CRASH		SIDESWIPE COLLISION		LEFT TURN COLLISION
	RIGHT TURN COLLISION		HEAD ON COLLISION		ROLLOVER COLLISION
	ANGLE COLLISION		BACKED INTO COLLISION		U-TURN COLLISION
	OFF ROAD COLLISION		BICYCLE COLLISION		REAR-END COLLISION

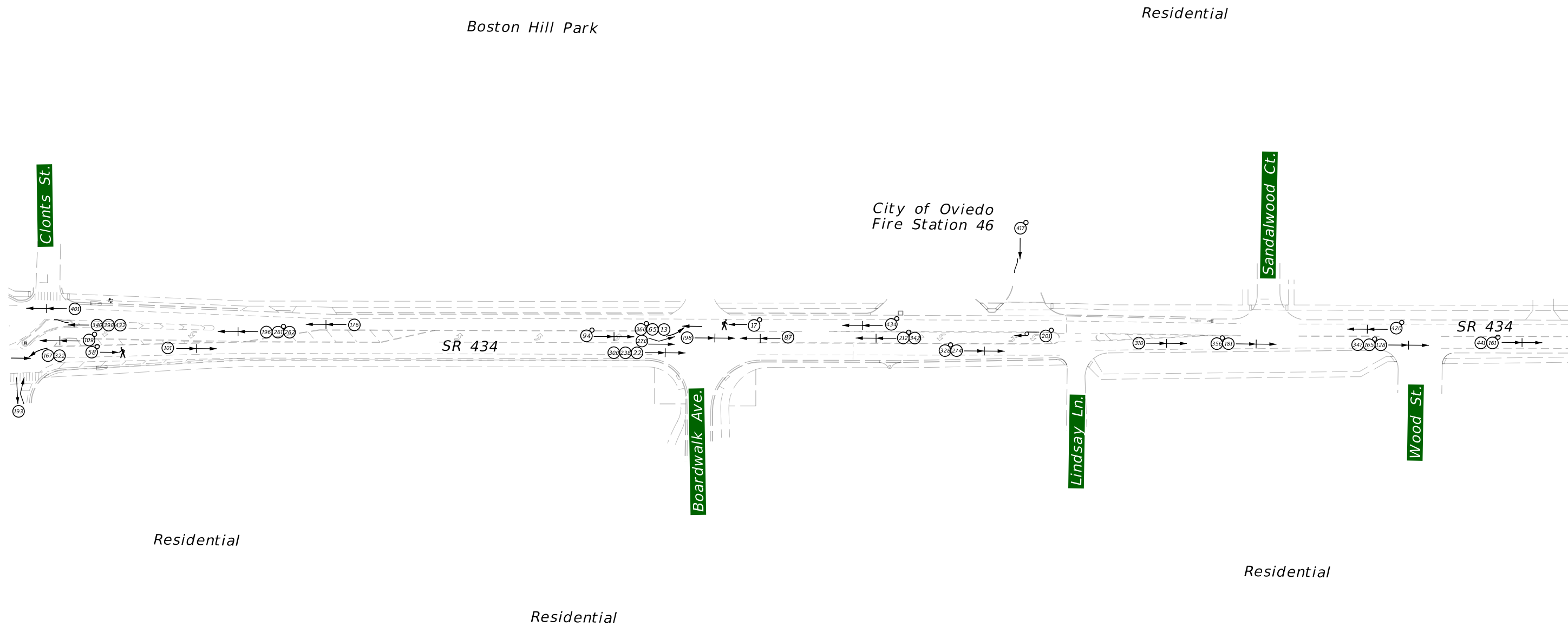
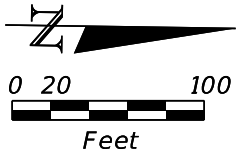
PROTEAN DESIGN GROUP
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ORLANDO, FL 32801
PH: 407-246-0044



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DISTRICT 5

Figure 13
COLLISION DIAGRAM (1)

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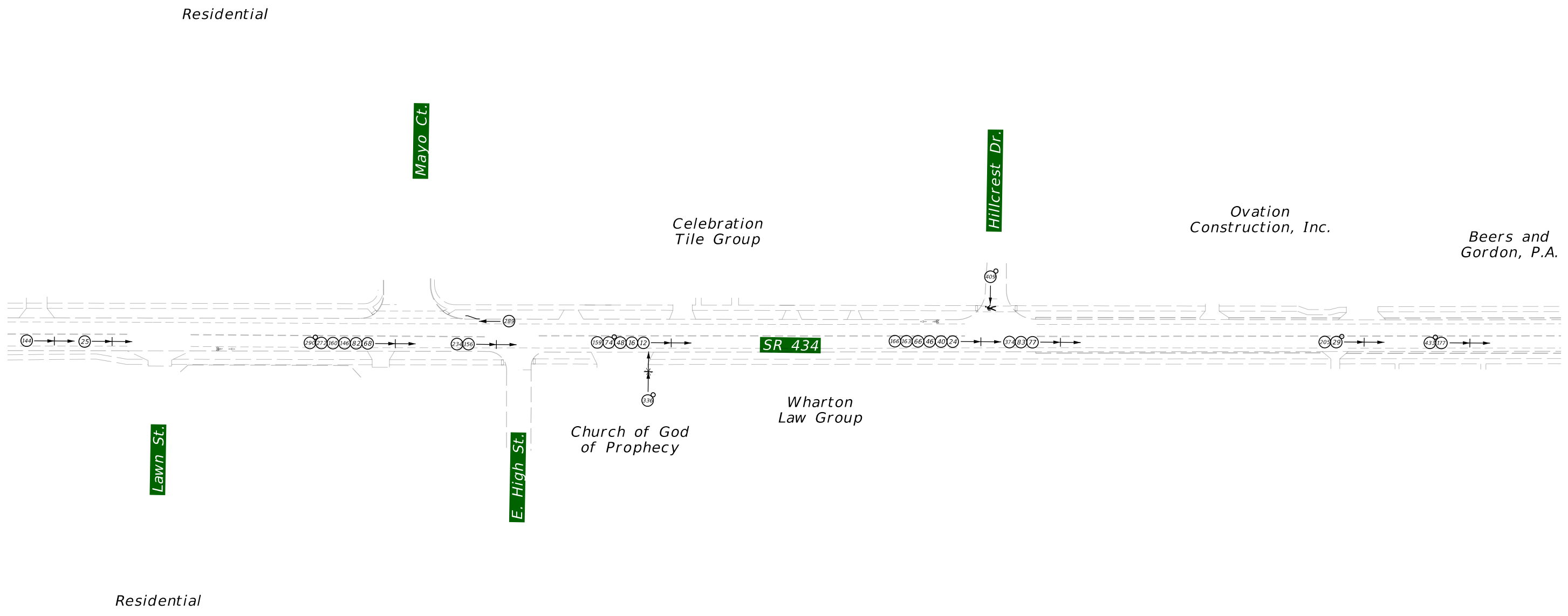
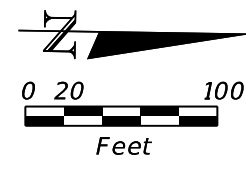
SYMBOLS			
	INJURY CRASH		SIDESWIPE COLLISION
	ANGLE COLLISION		PEDESTRIAN COLLISION
	OFF ROAD COLLISION		LEFT TURN COLLISION
			ROLLOVER COLLISION
			REAR-END COLLISION

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Figure 13
COLLISION DIAGRAM (2)

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SYMBOLS					
	INJURY CRASH		BACKED INTO COLLISION		OFF ROAD COLLISION
	RIGHT TURN COLLISION		PEDESTRIAN COLLISION		REAR-END COLLISION

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Figure 13
COLLISION DIAGRAM (3)

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