APPENDIX L

Concept Plans for Alternative 2A-2

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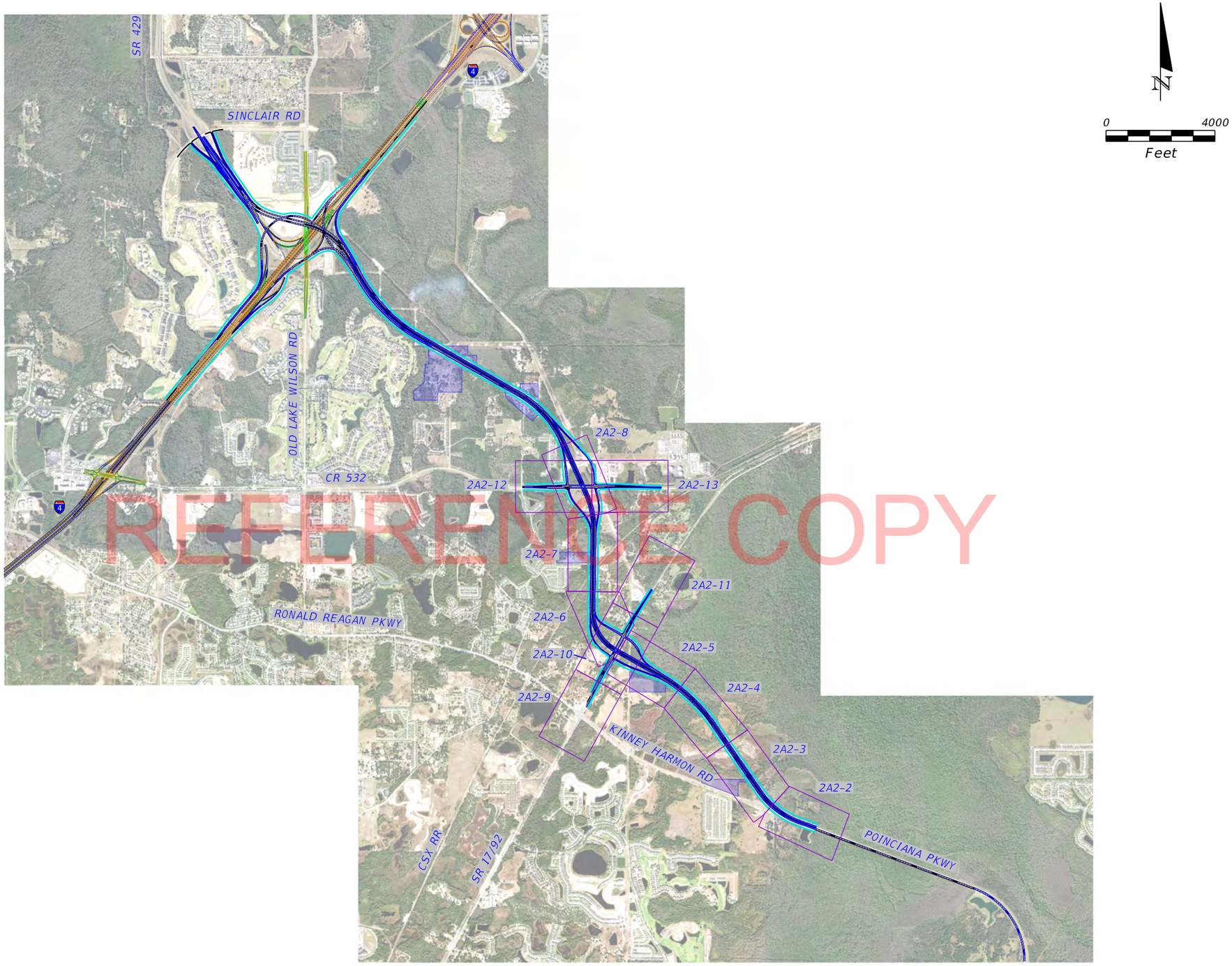

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

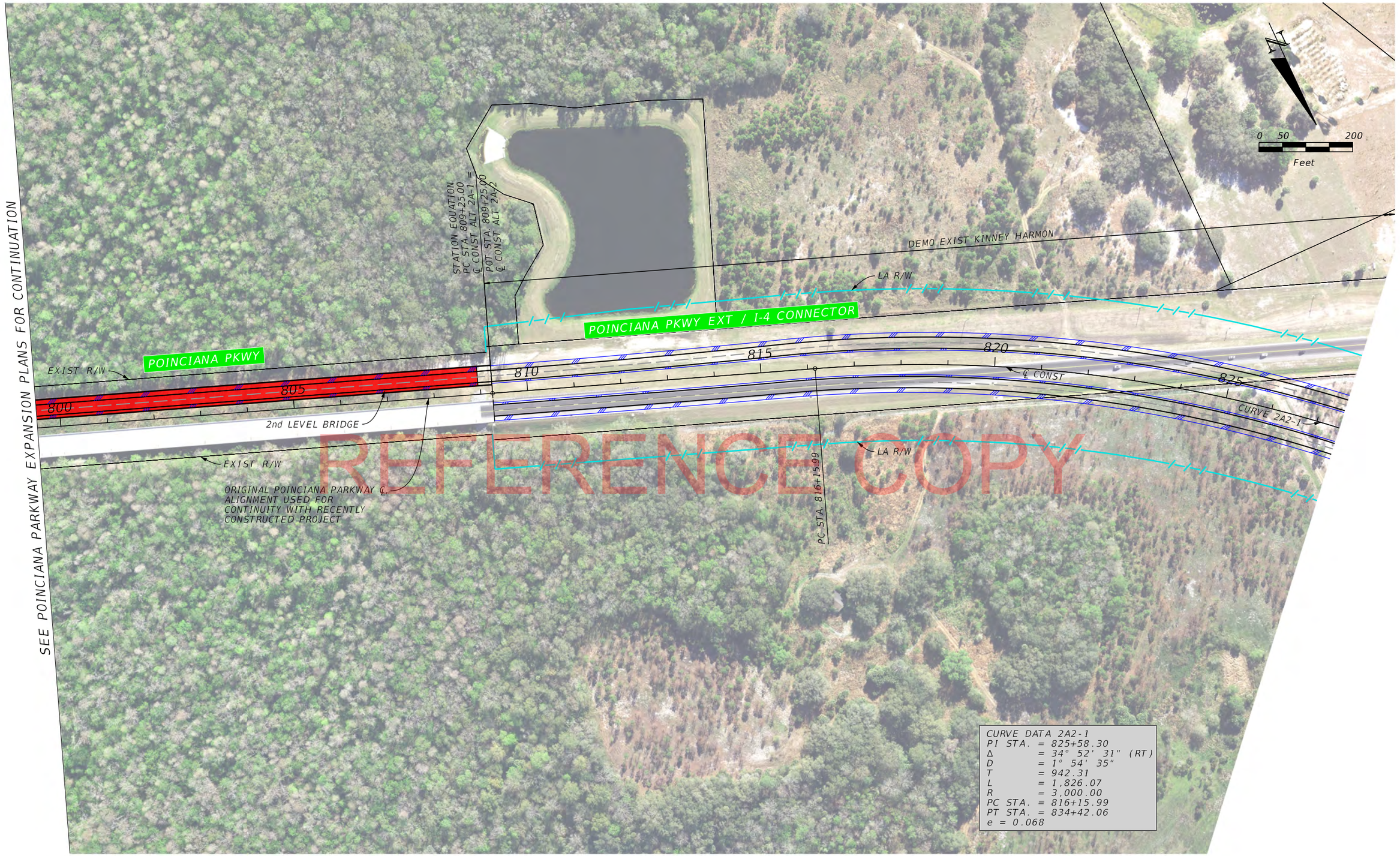
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-1

Bill.Lemos 3/21/2018 7:56:44 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\play2A_2.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-2

Bill.Lemos 3/21/2018 7:57:28 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-14.dgn

POTENTIAL POND

DEMO EXIST KINNEY HARMON

KINNEY HARMON RD

LA R/W

POINCIANA PKWY EXT / I-4 CONNECTOR

830 835 840 845 850 855

CURVE 2A2-1

℄ CONST

PT STA. 834+42.06

LA R/W

N

0 50 200

Feet

REFERENCE COPY

CURVE DATA 2A2-1
PI STA. = 825+58.30
Δ = 34° 52' 31" (RT)
D = 1° 54' 35"
T = 942.31
L = 1,826.07
R = 3,000.00
PC STA. = 816+15.99
PT STA. = 834+42.06
e = 0.068

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

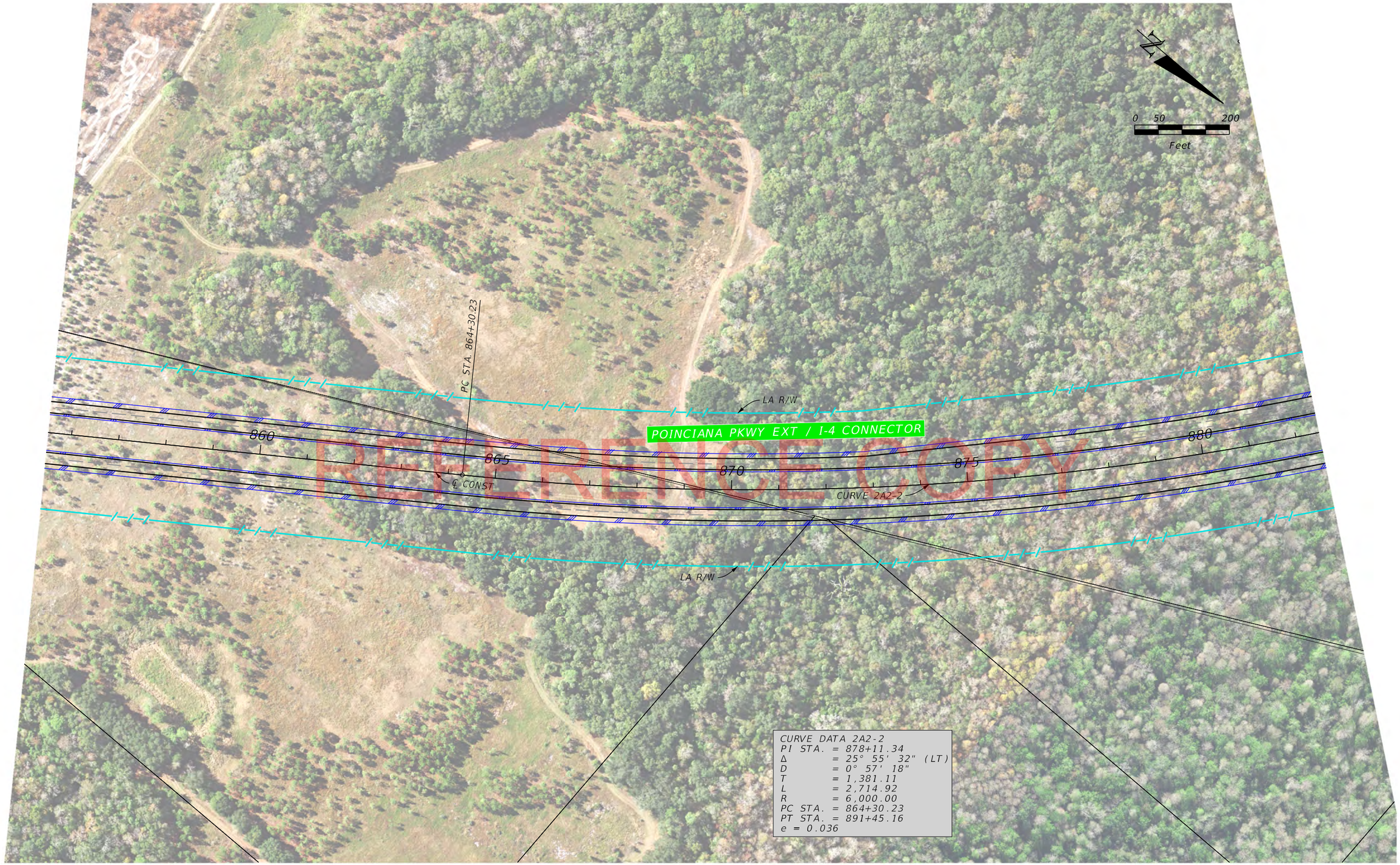
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-3

Bill.Lemos 3/21/2018 7:58:49 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-15.dgn



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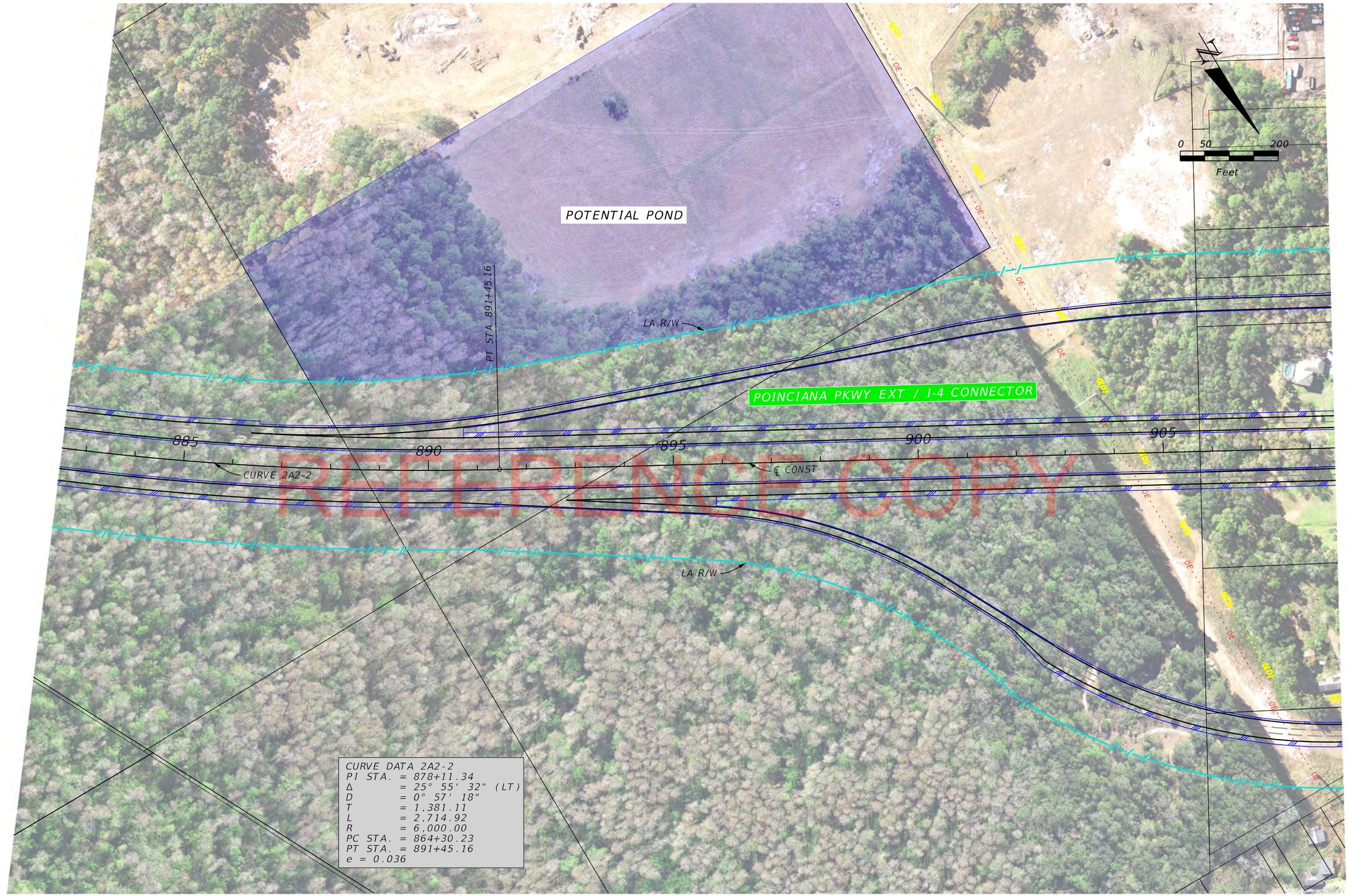
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-4



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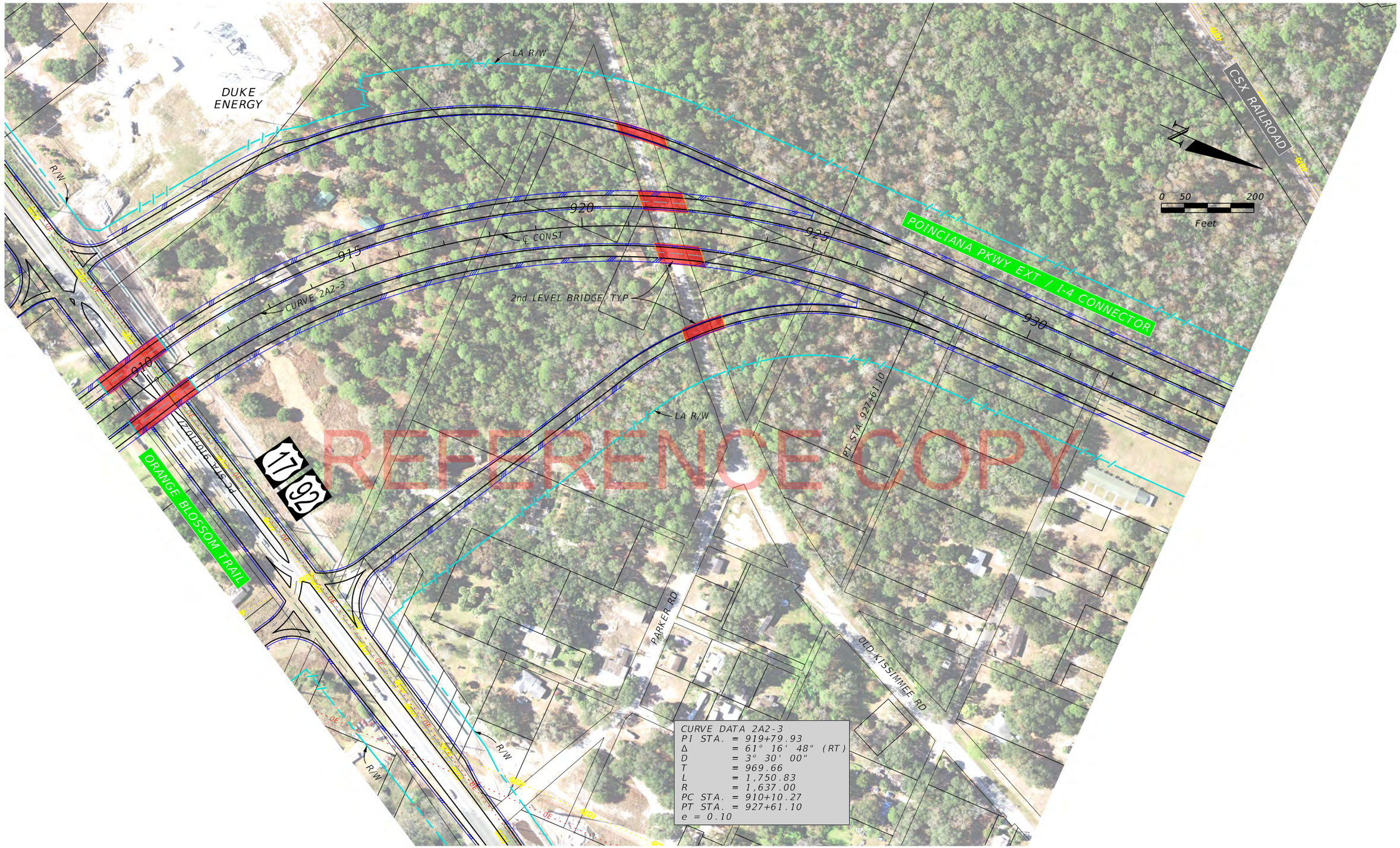
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-5



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

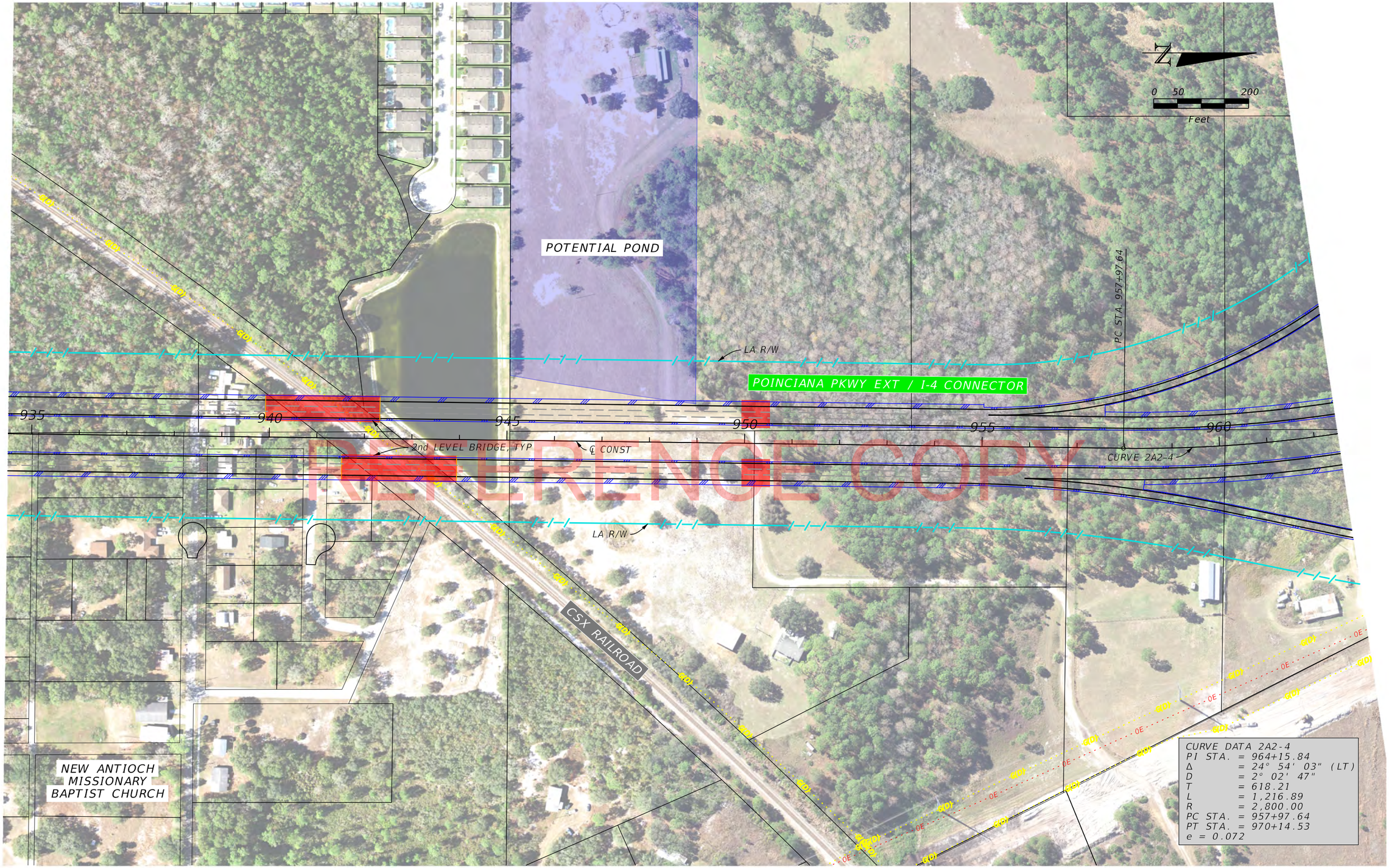
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.

2A2-6



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

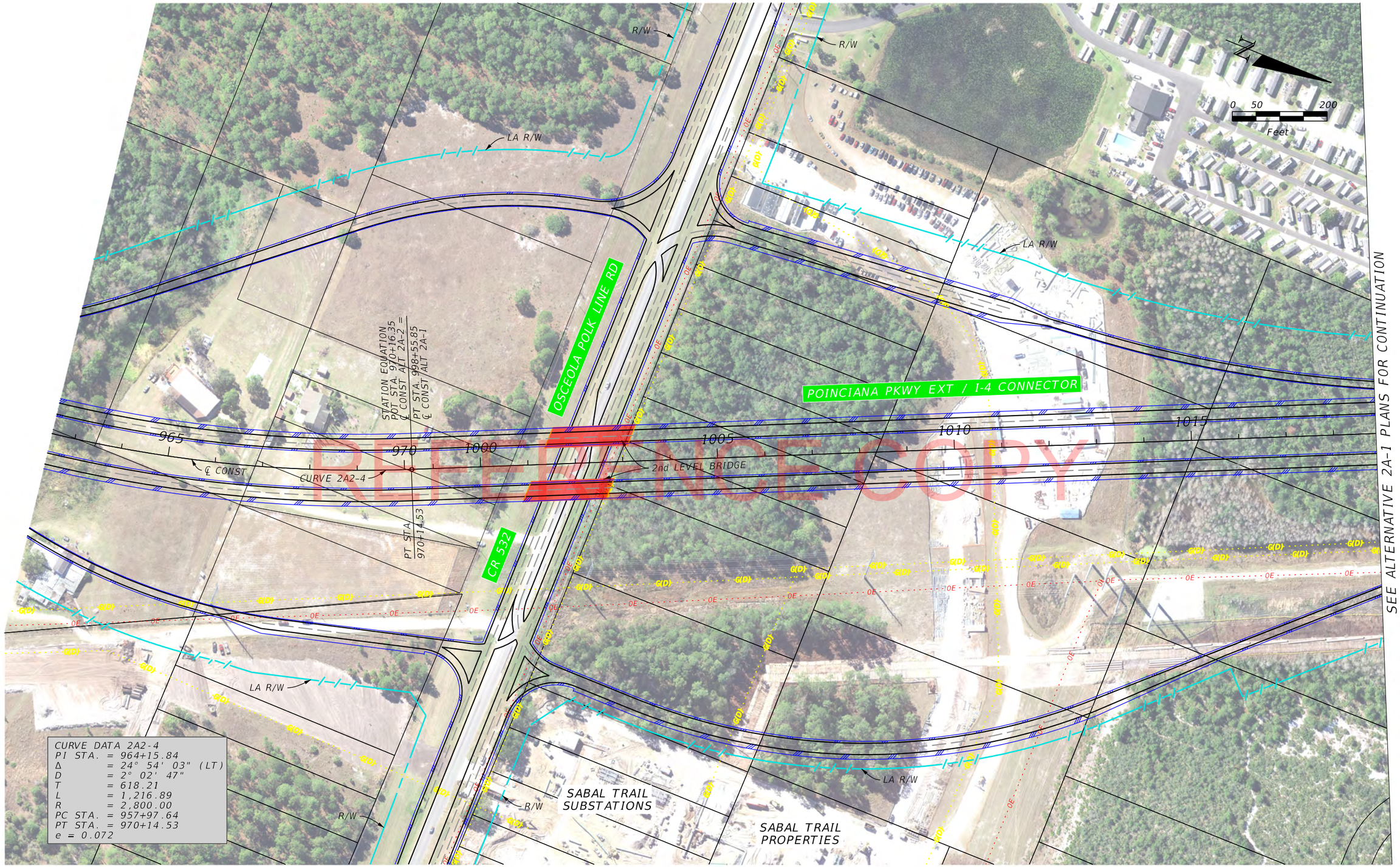
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-7

Bill.Lemos 3/21/2018 8:05:02 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-19.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

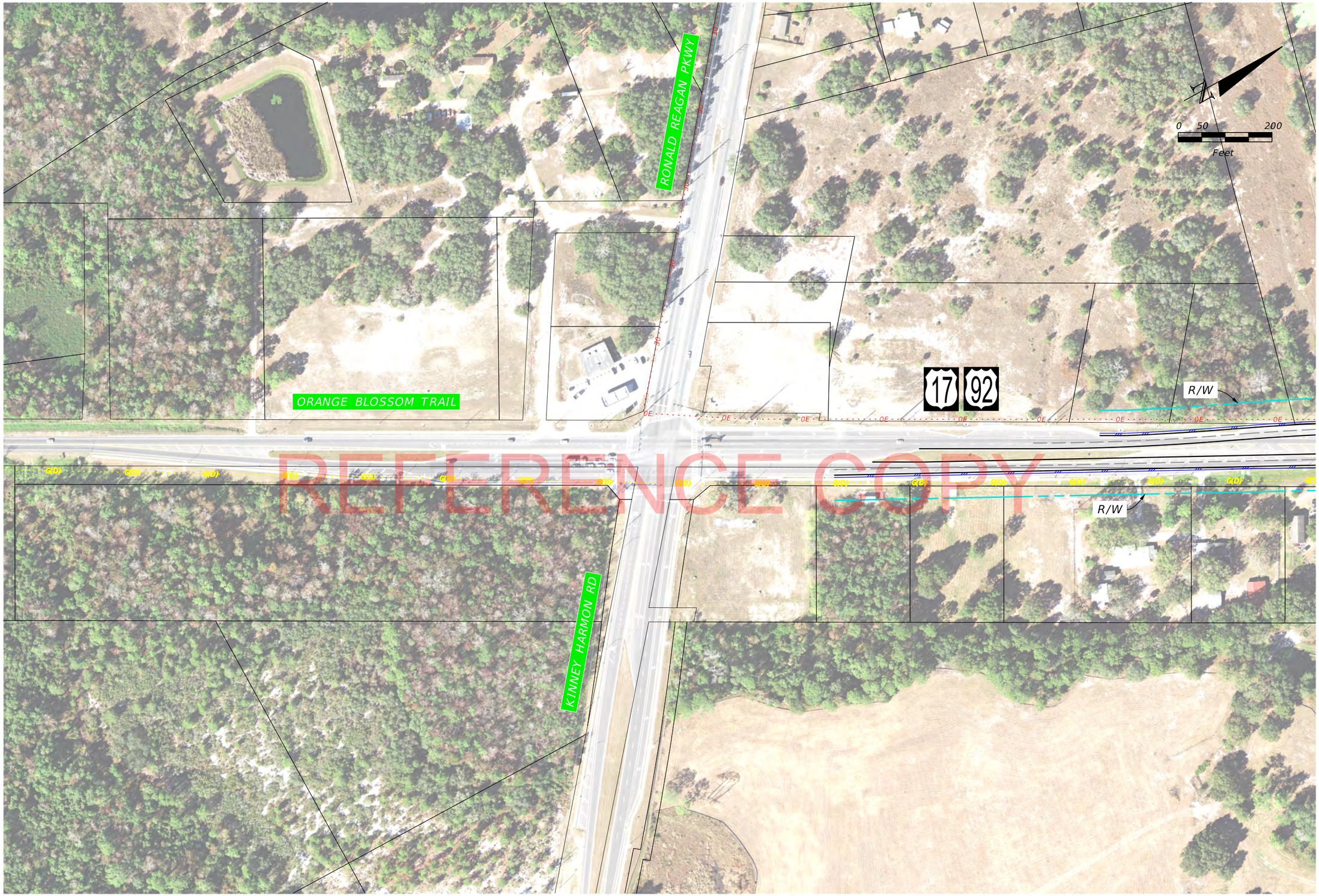
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-8

Bill.Lemos 3/21/2018 8:06:12 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-20.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

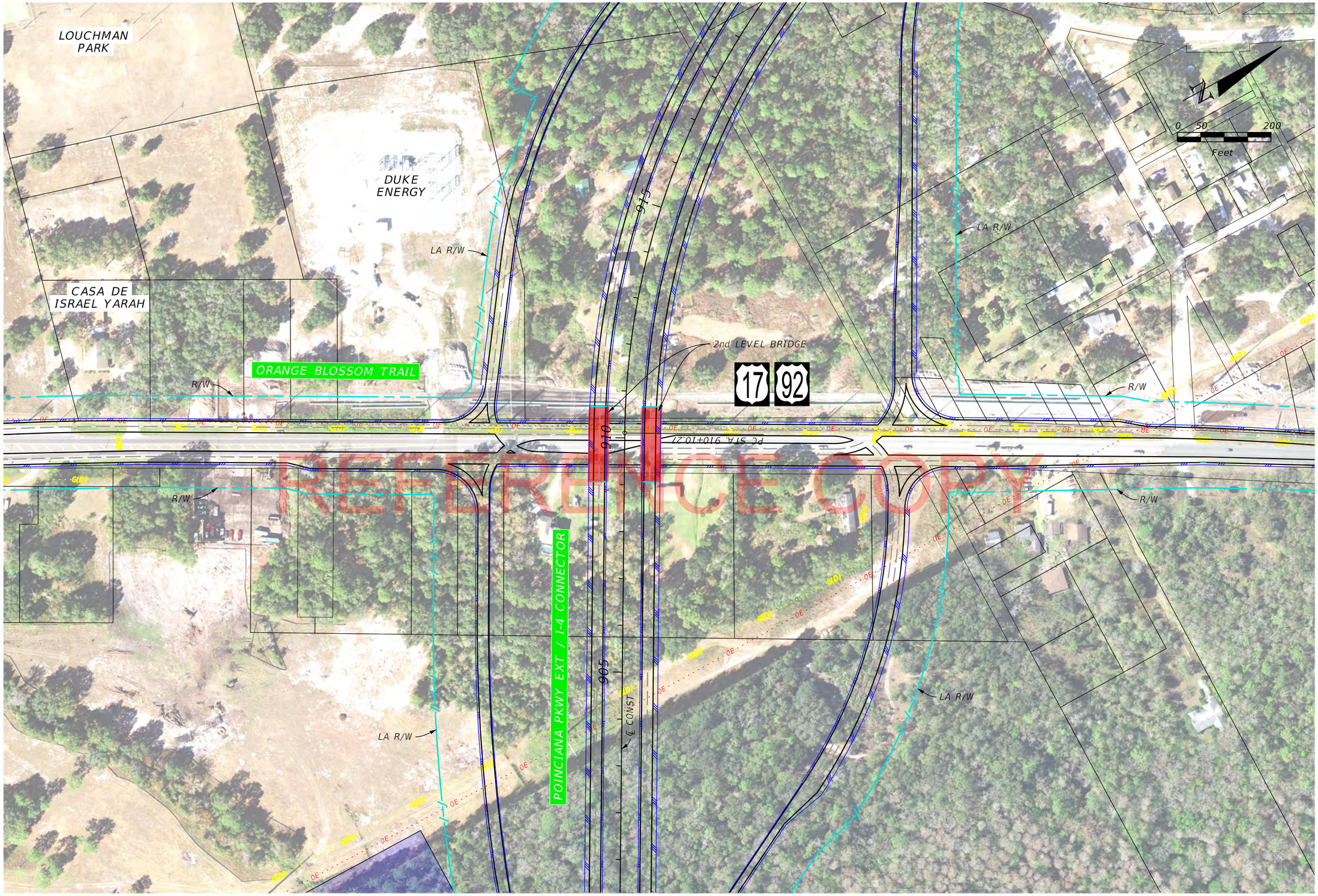
Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.

2A2-9

Bill.Lemos 3/21/2018 8:07:30 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-21.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-10

Bill.Lemos 3/21/2018 8:08:43 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-22.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

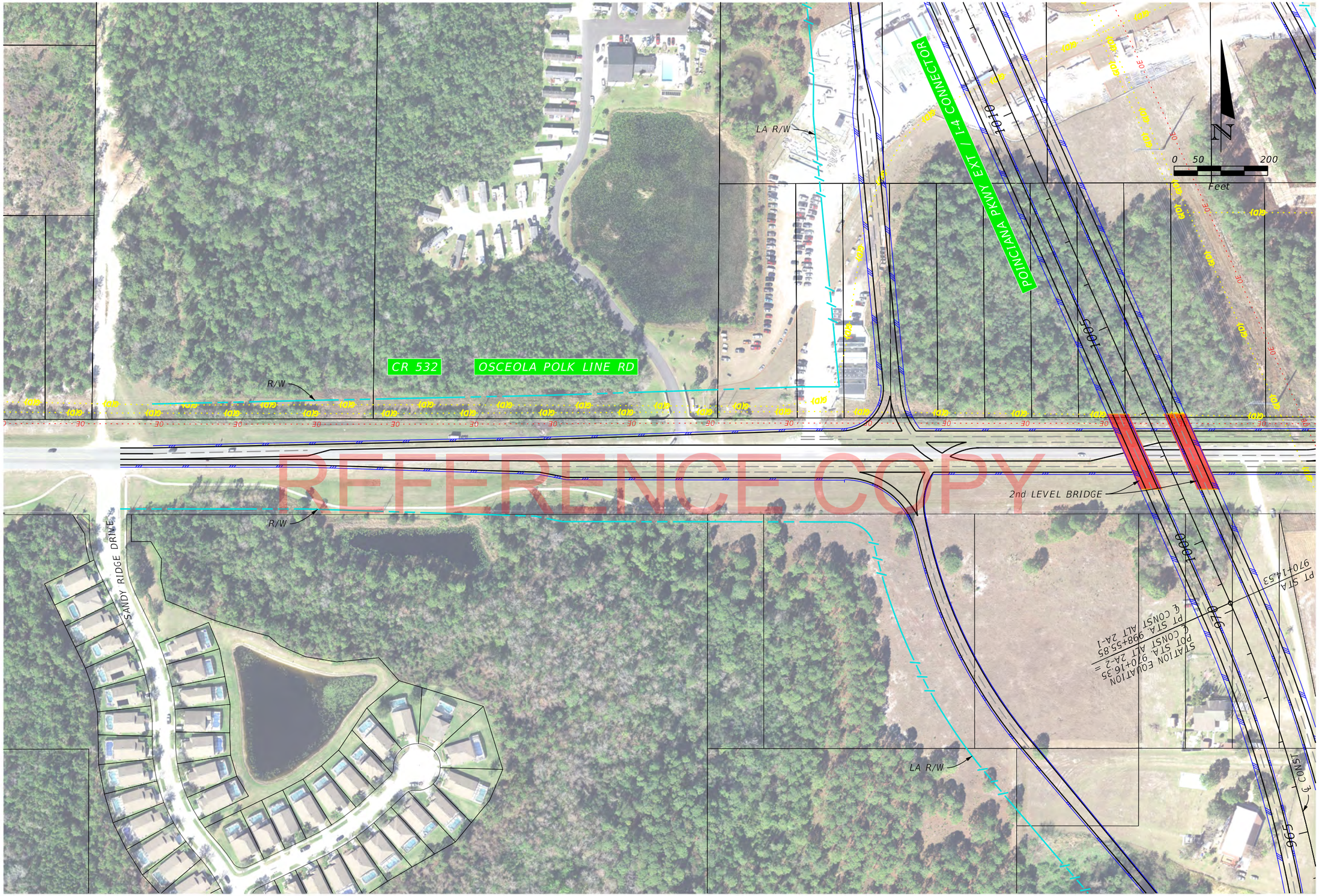
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-11

Bill.Lemos 3/21/2018 8:09:03 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-23.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

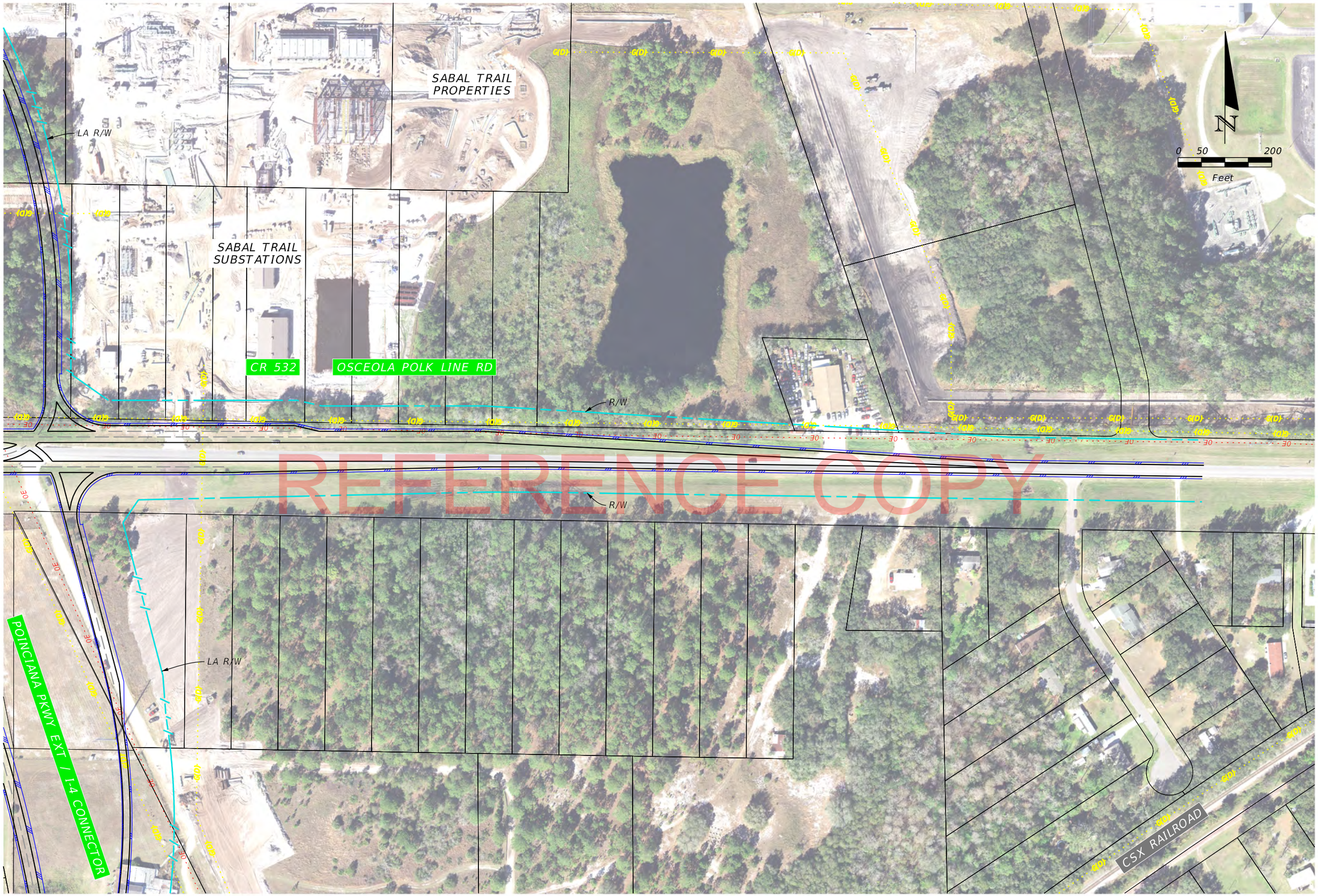
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-2

SHEET NO.
2A2-12

Bill.Lemos 3/21/2018 8:10:08 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_2-24.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

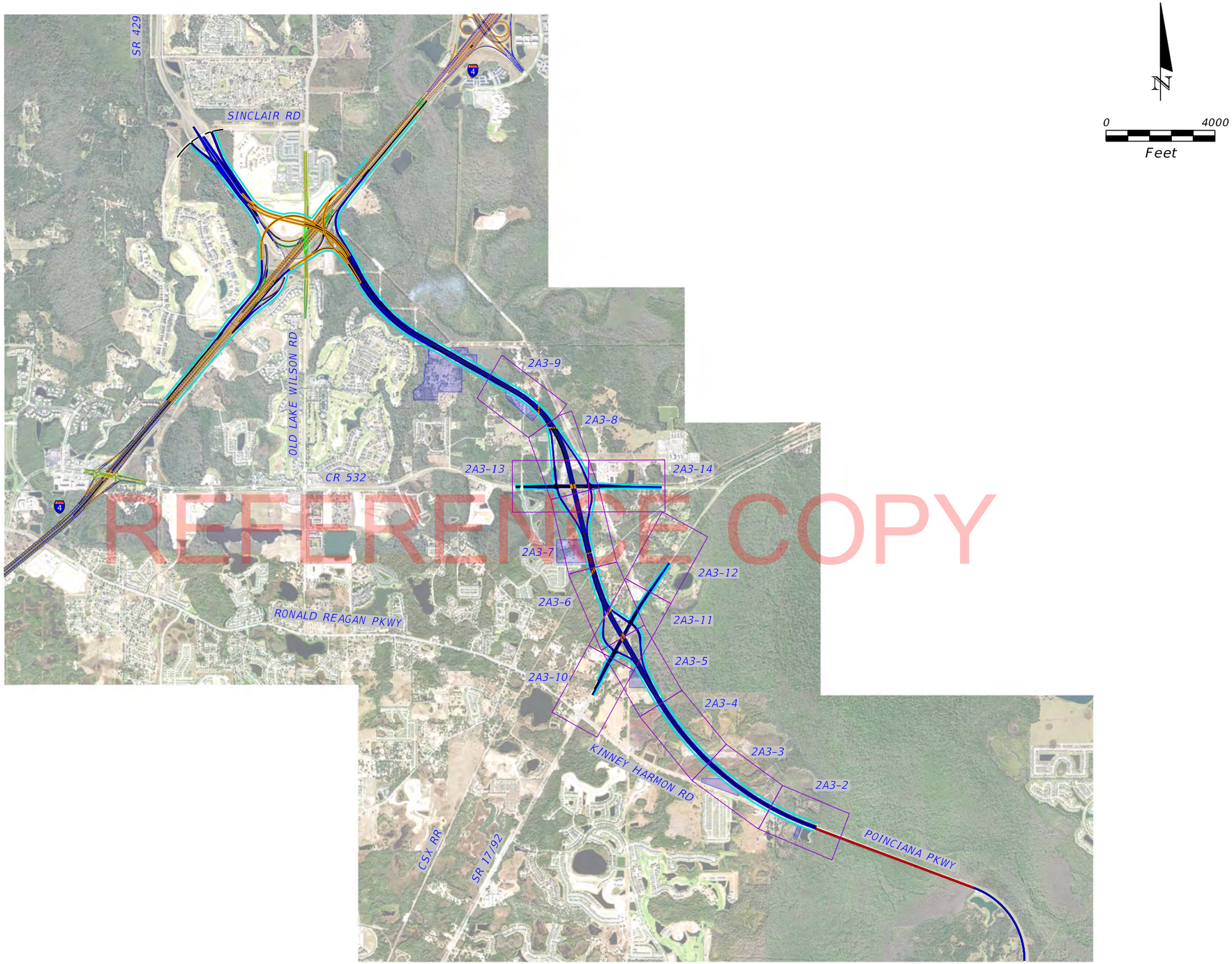
Alternative 2A-2

SHEET NO.
2A2-13

APPENDIX M

Concept Plans for Alternative 2A-3

REFERENCE COPY



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-1

Bill.Lemos 3/21/2018 8:34:52 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\play2A_3.dgn

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-2

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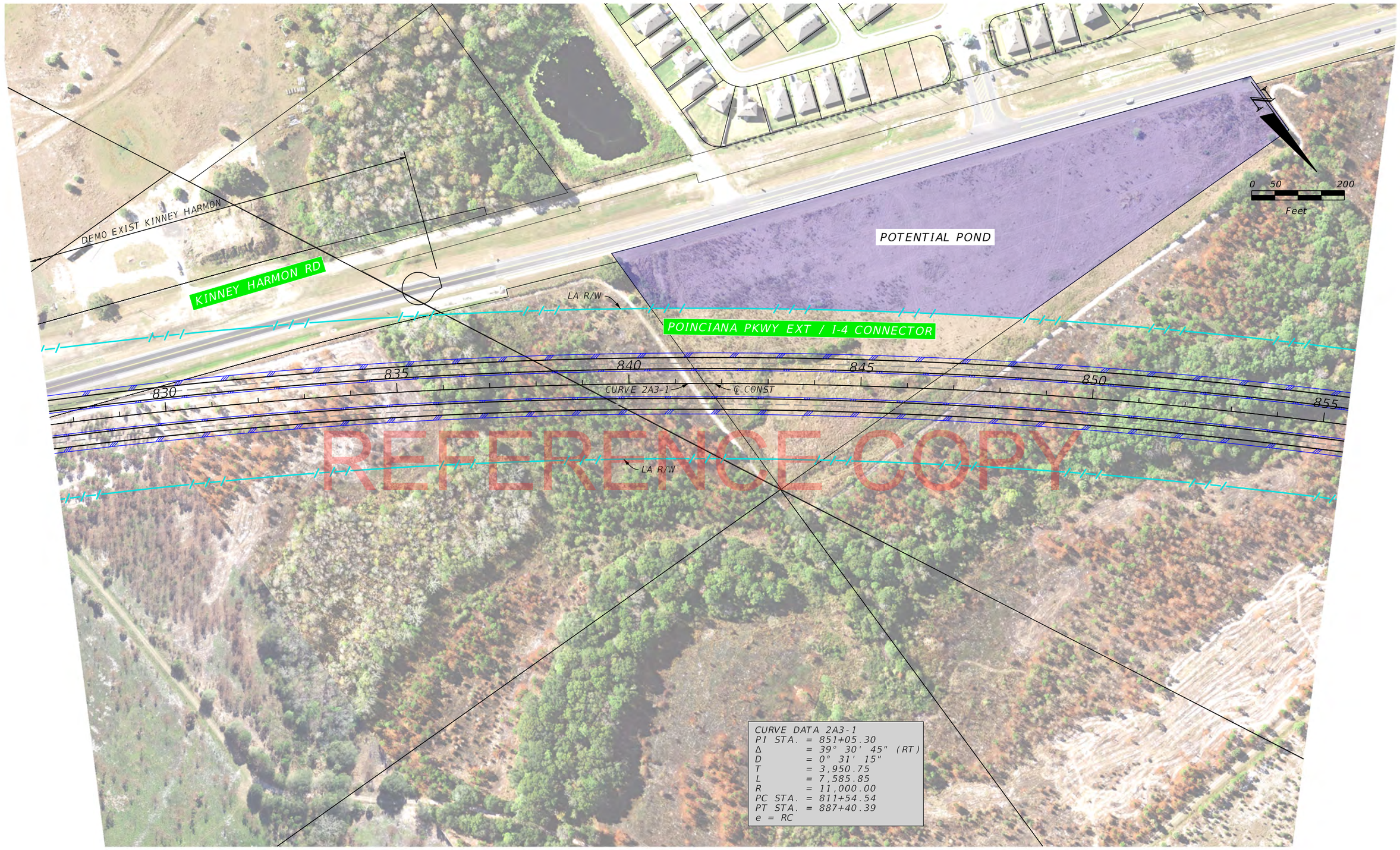

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-3

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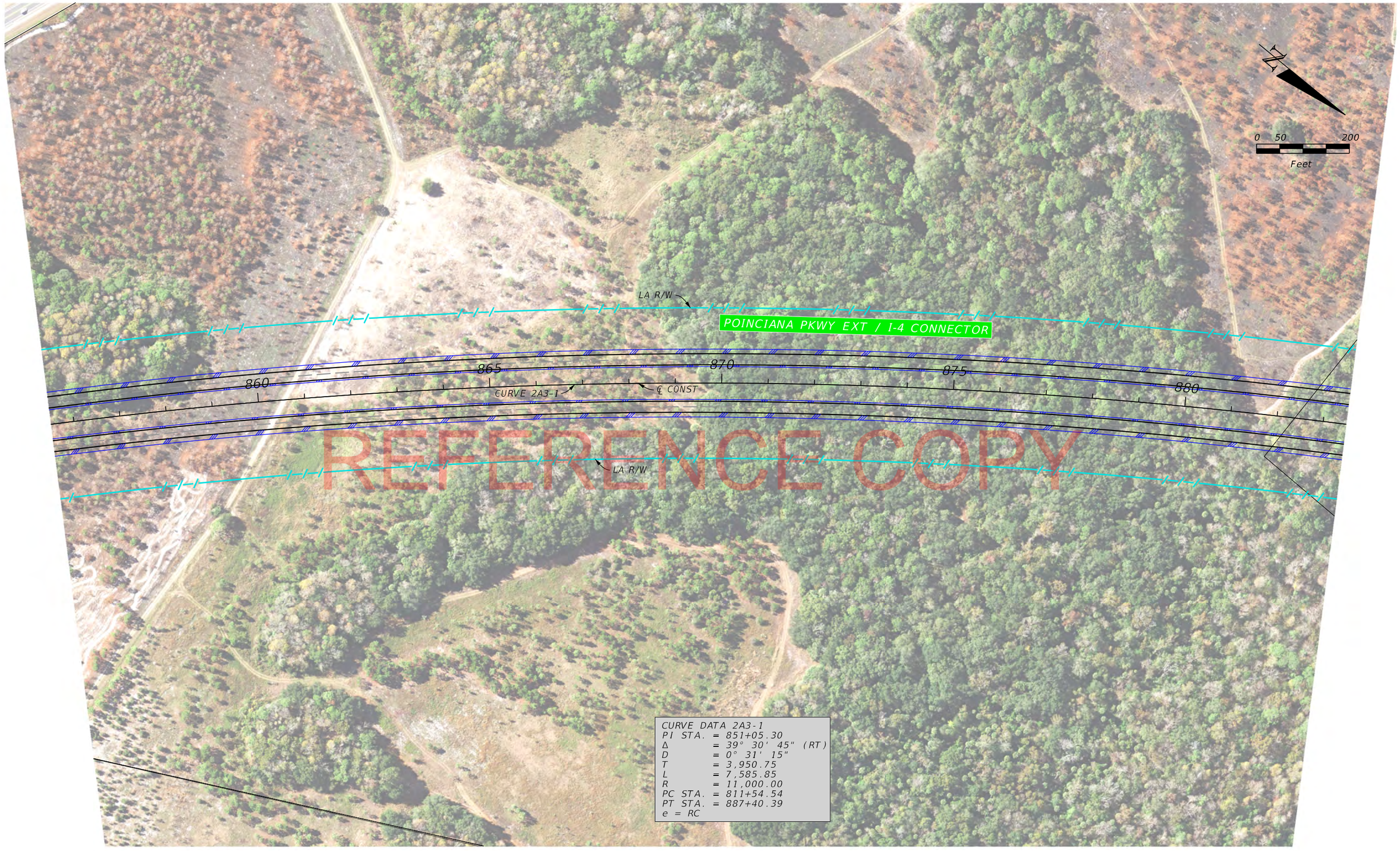


REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

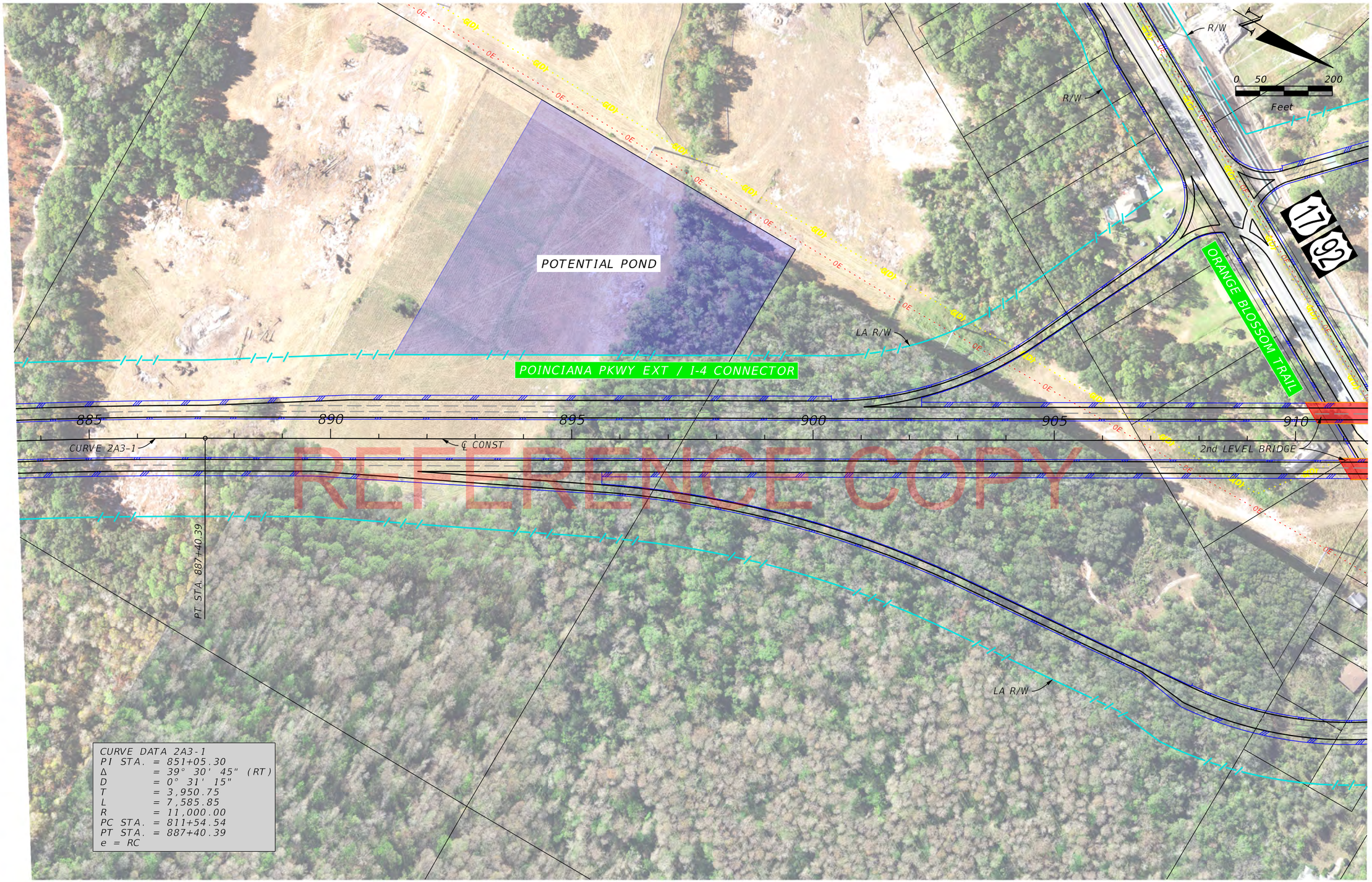
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.

2A3-4



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.

2A3-5

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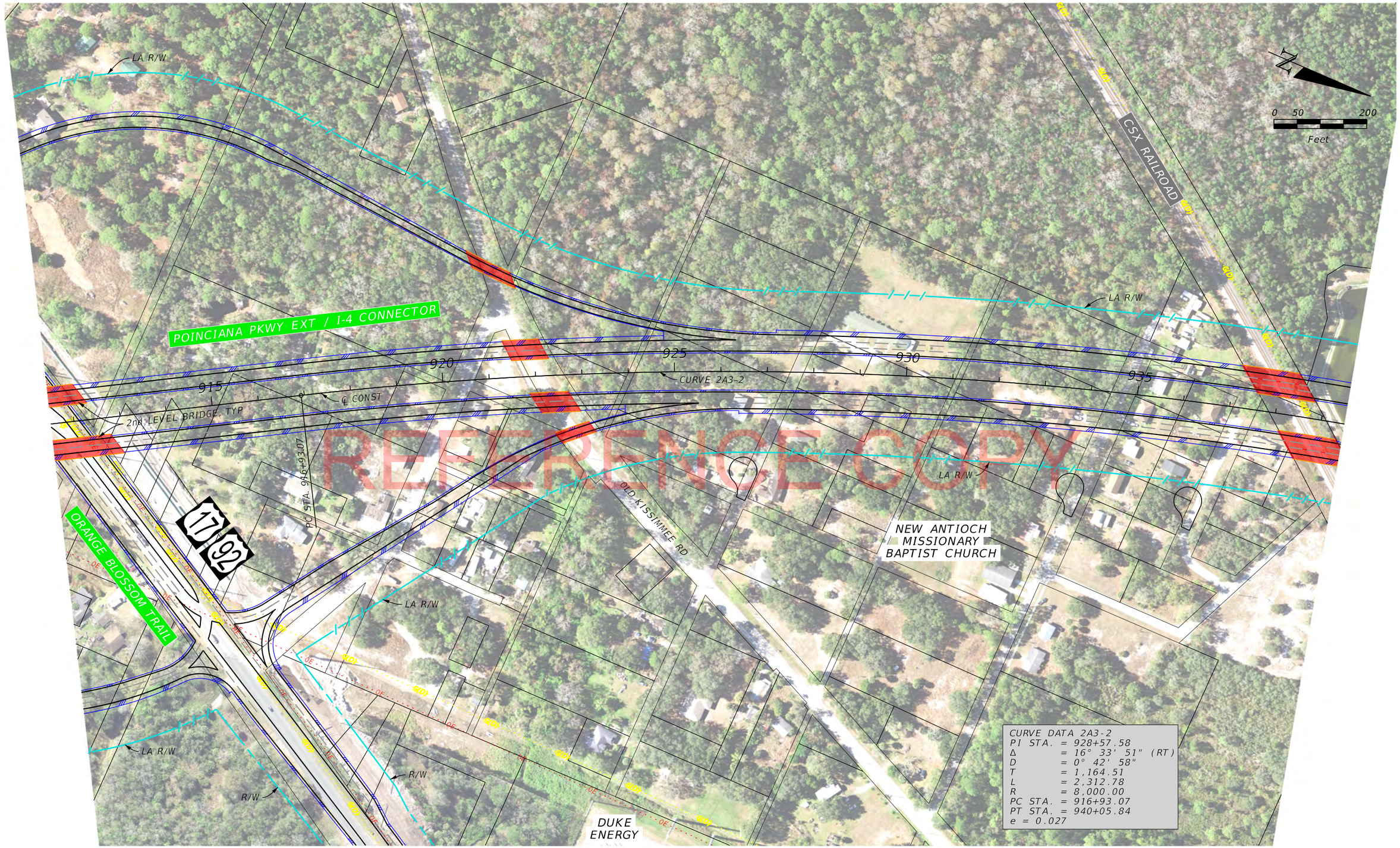

REFERENCE COPY

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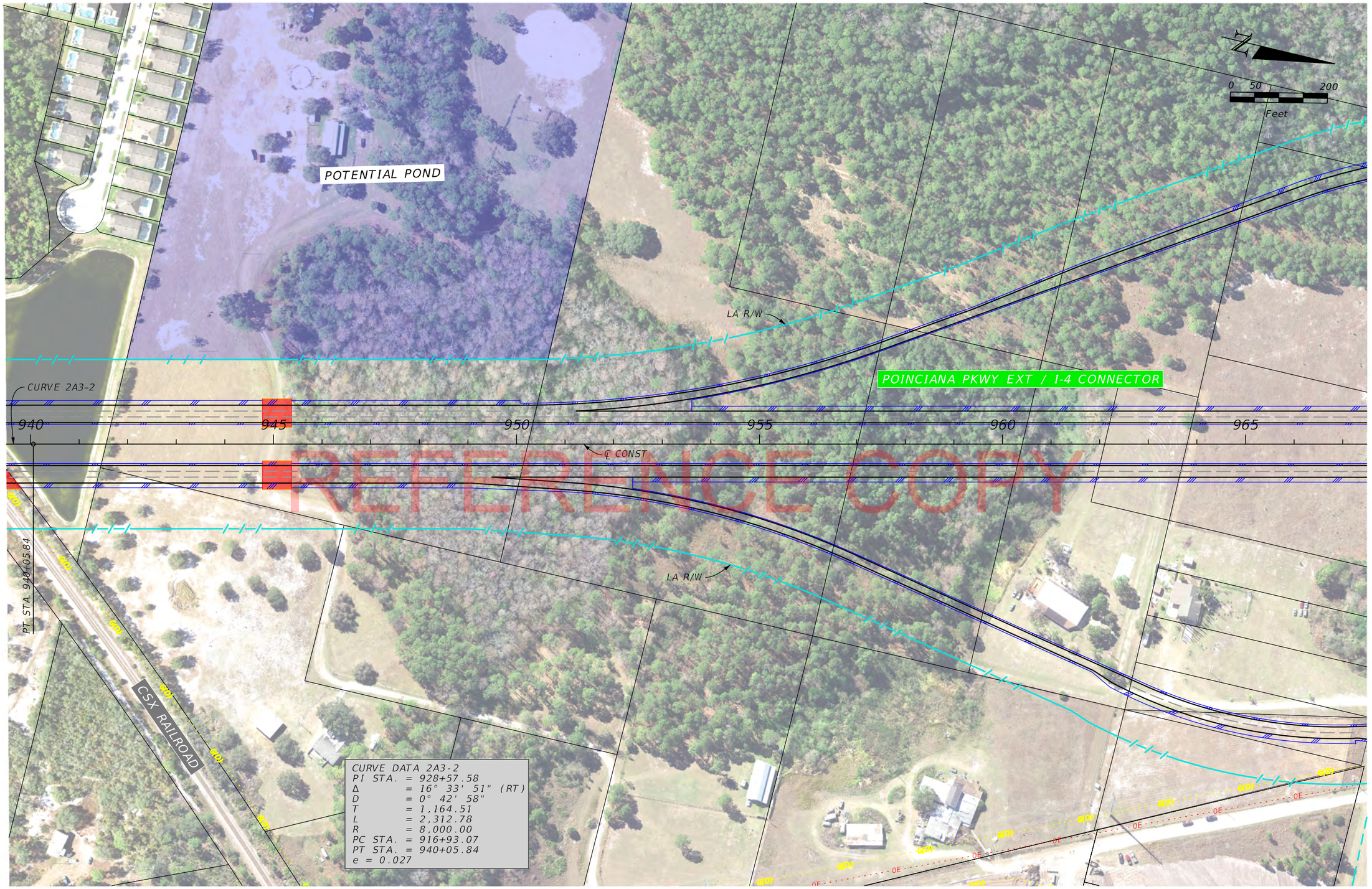
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-6



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

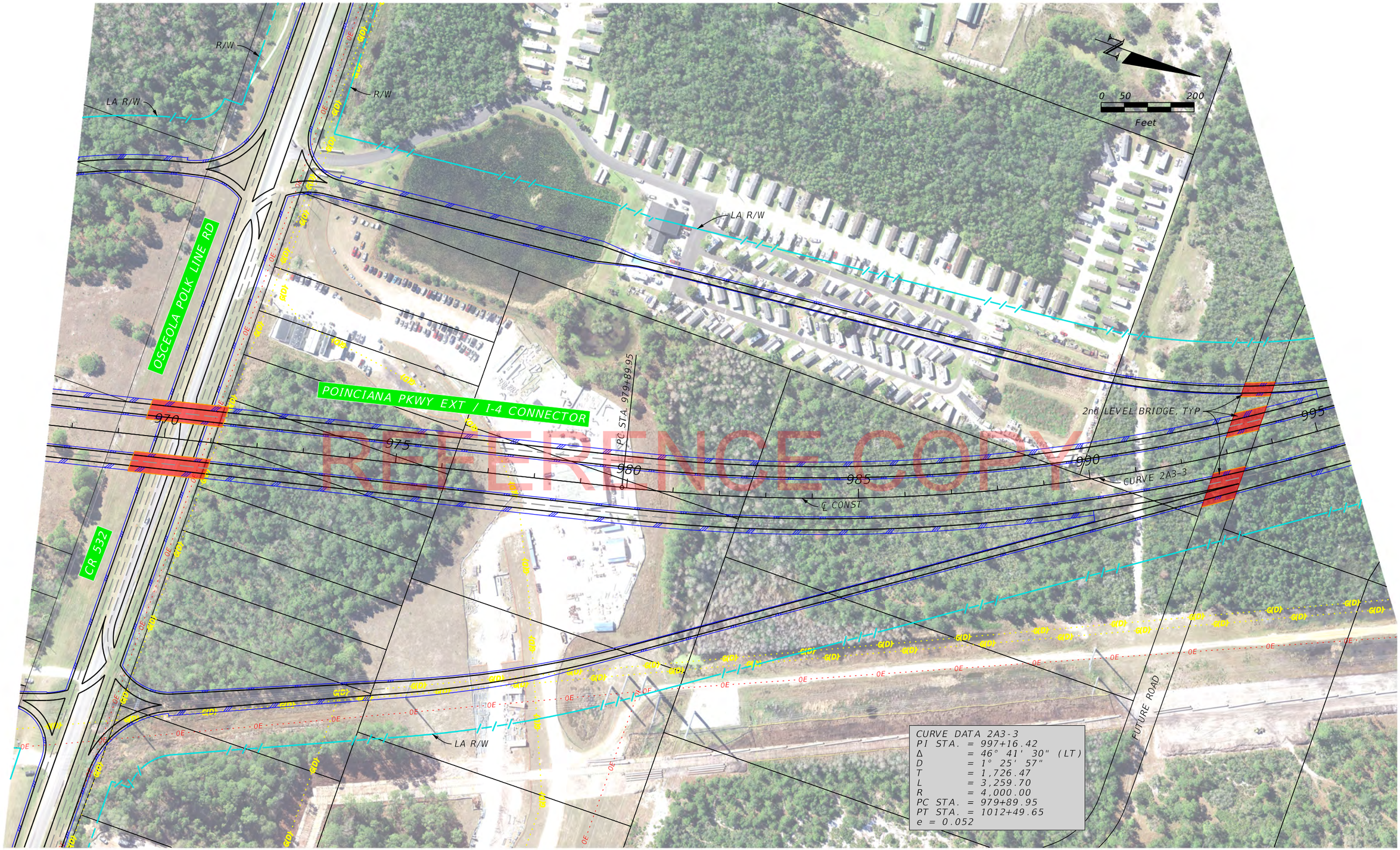
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-7

Bill.Lemos 3/21/2018 8:43:08 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_3-19.dgn



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DATE	DESCRIPTION	DATE	DESCRIPTION

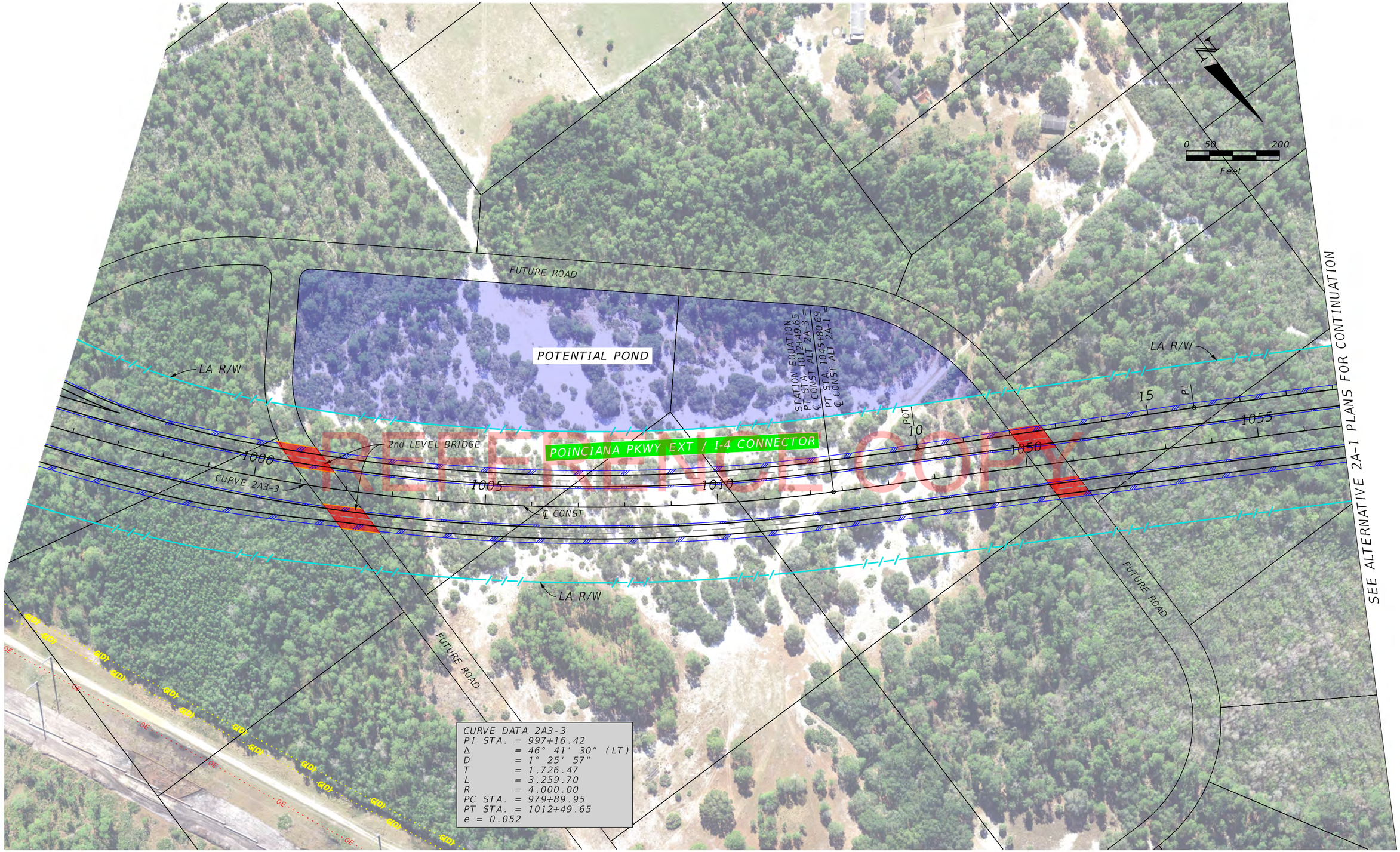
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.

2A3-8



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-9

Bill.Lemos 3/21/2018 8:45:35 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_3-21.dgn

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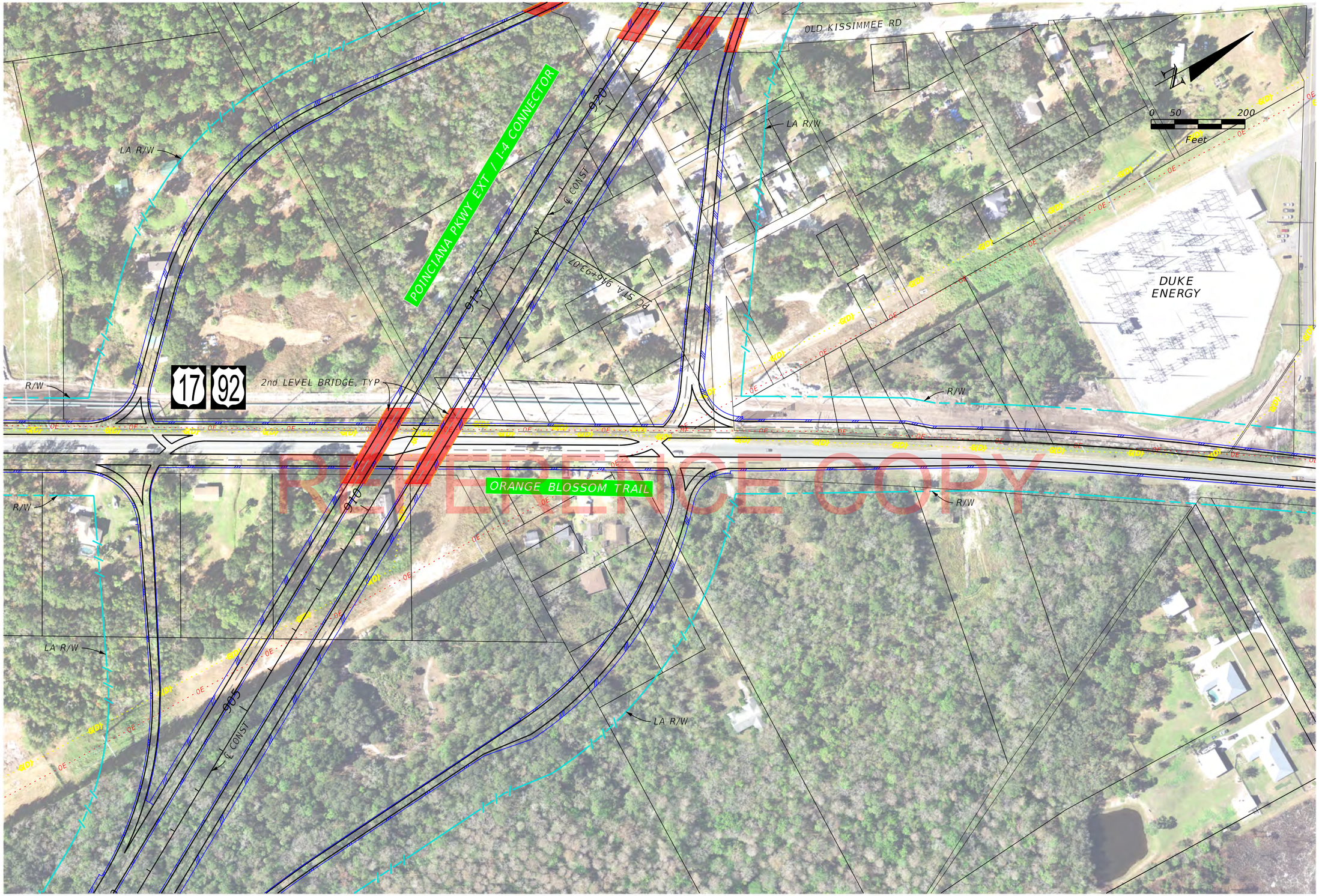
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-10



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-11

Bill.Lemos 3/21/2018 8:47:55 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_3-23.dgn

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

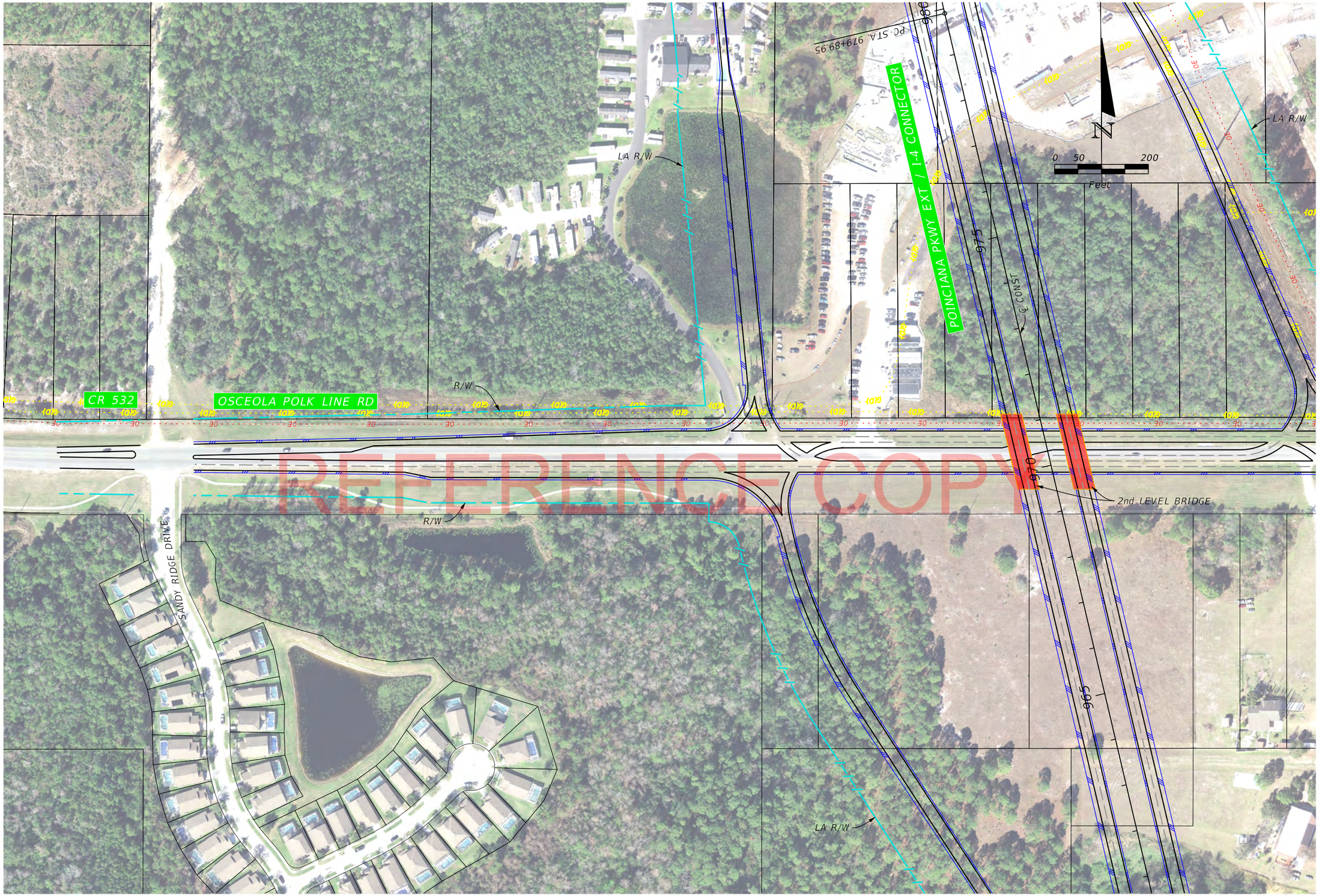
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-12

Bill.Lemos 3/21/2018 8:48:21 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_3-24.dgn



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

SHEET NO.
2A3-13

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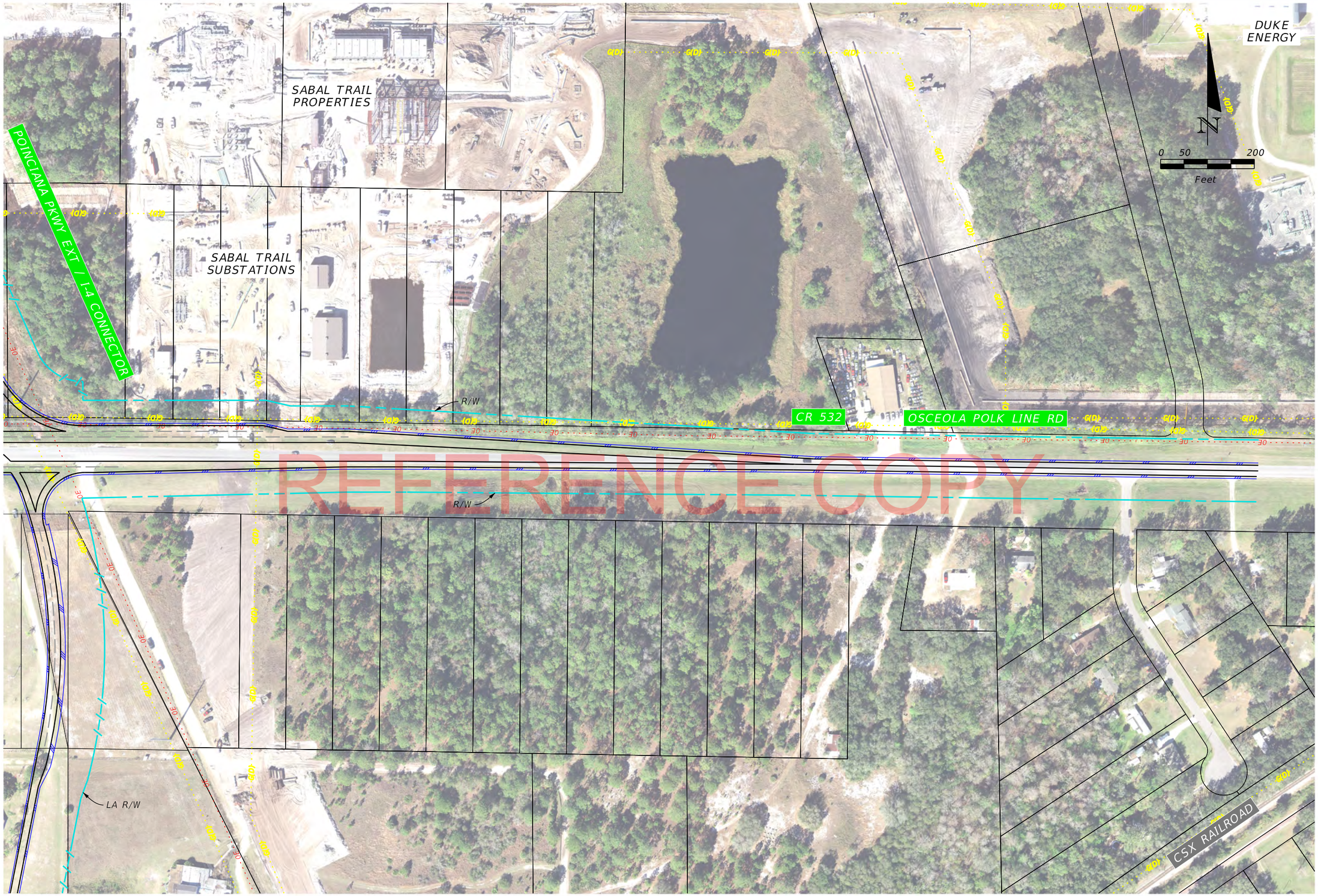

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-3

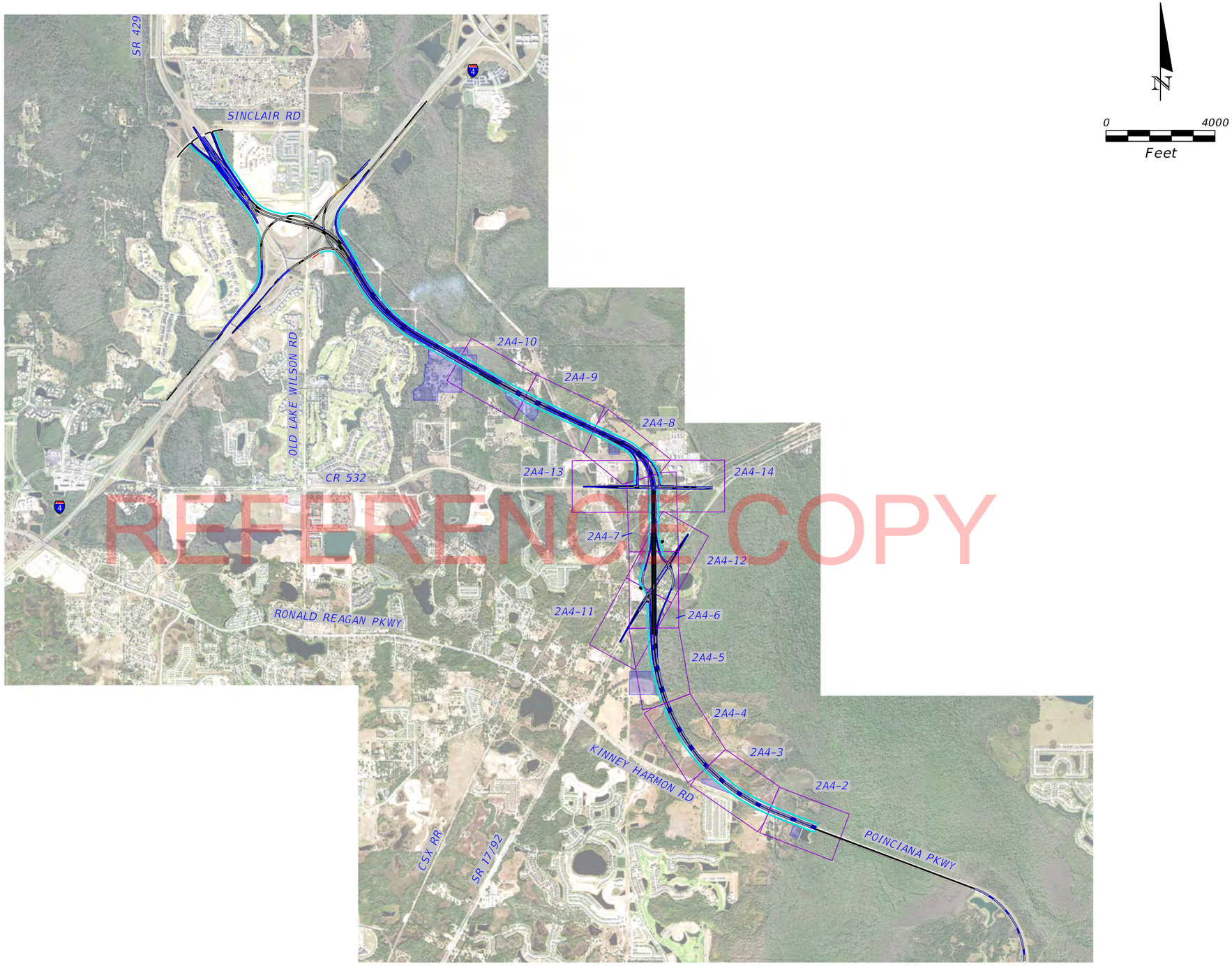
SHEET NO.
2A3-14

Bill.Lemos 3/21/2018 8:50:07 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_3-26.dgn

APPENDIX N

Concept Plans for Alternative 2A-4

REFERENCE COPY



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-1

SEE POINCIANA PARKWAY EXPANSION PLANS FOR CONTINUATION

EXIST R/W

POINCIANA PKWY

2nd LEVEL BRIDGE

STATION EQUATION
PI STA. 809+22.26
℄ CONST ALT 2A-1 =
PI STA. 809+22.26
℄ CONST ALT 2A-4

POTENTIAL POND

LA R/W

POINCIANA PKWY EXT / I-4 CONNECTOR

N

0 50 200
Feet

800 805 810 815 820 825

EXIST R/W

ORIGINAL POINCIANA PARKWAY ℄ ALIGNMENT USED FOR CONTINUITY WITH RECENTLY CONSTRUCTED PROJECT

℄ CONST

CURVE 2A4-1

LA R/W

DEMO EXIST KINNEY HARMON

PC STA. 825+14.22

REFERENCE COPY

CURVE DATA 2A4-1
PI STA. = 872+81.24
Δ = 68° 30' 36" (RT)
D = 0° 49' 07"
T = 4,767.02
L = 8,370.07
R = 7,000.00
PC STA. = 825+14.22
PT STA. = 908+84.29
e = 0.031

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

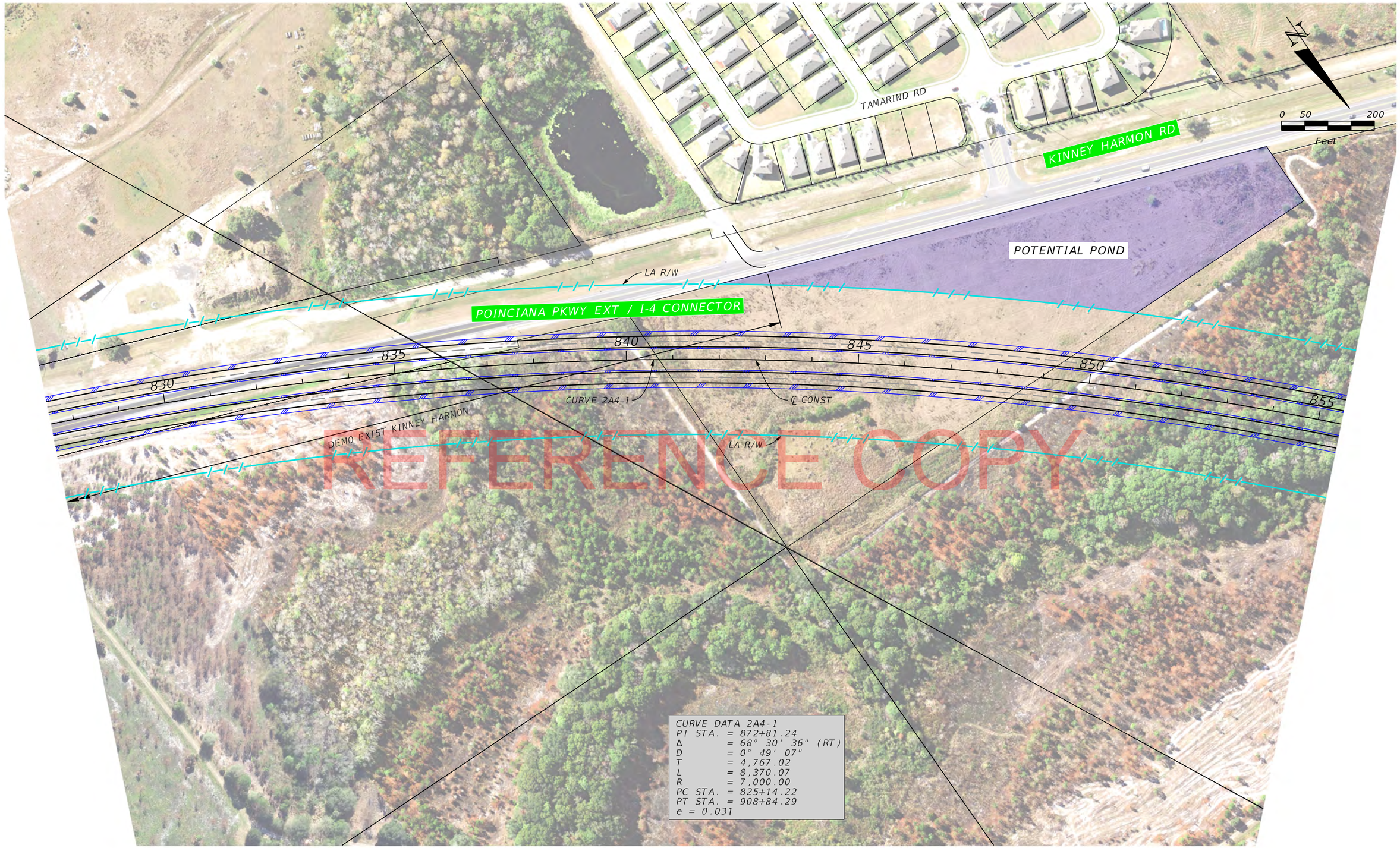
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-2

Bill.Lemos 3/21/2018 9:01:51 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_4-14.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

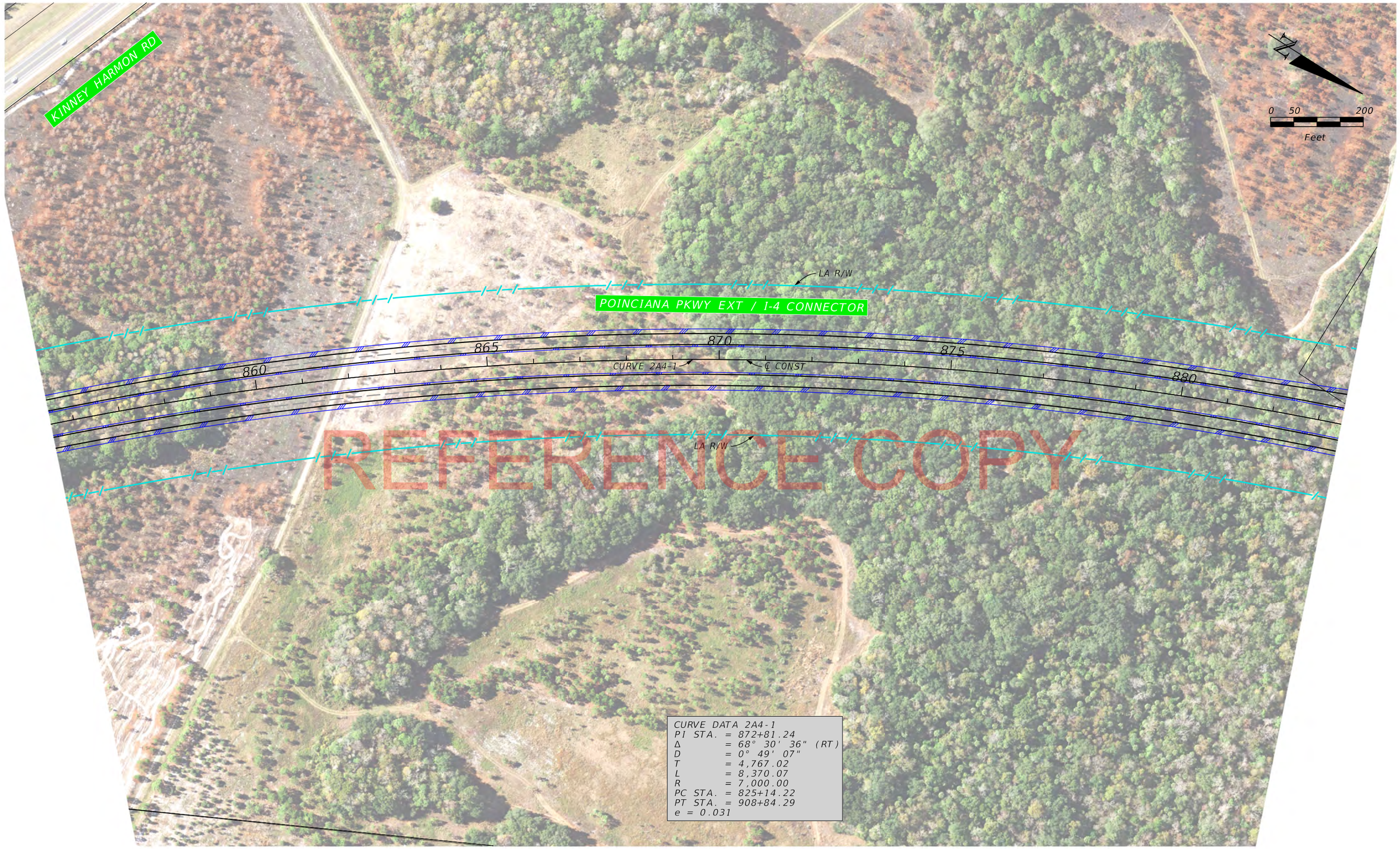
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-3

Bill.Lemos 3/21/2018 9:03:10 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_4-15.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-4

Bill.Lemos 3/21/2018 9:04:53 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan2A_4-16.dgn

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

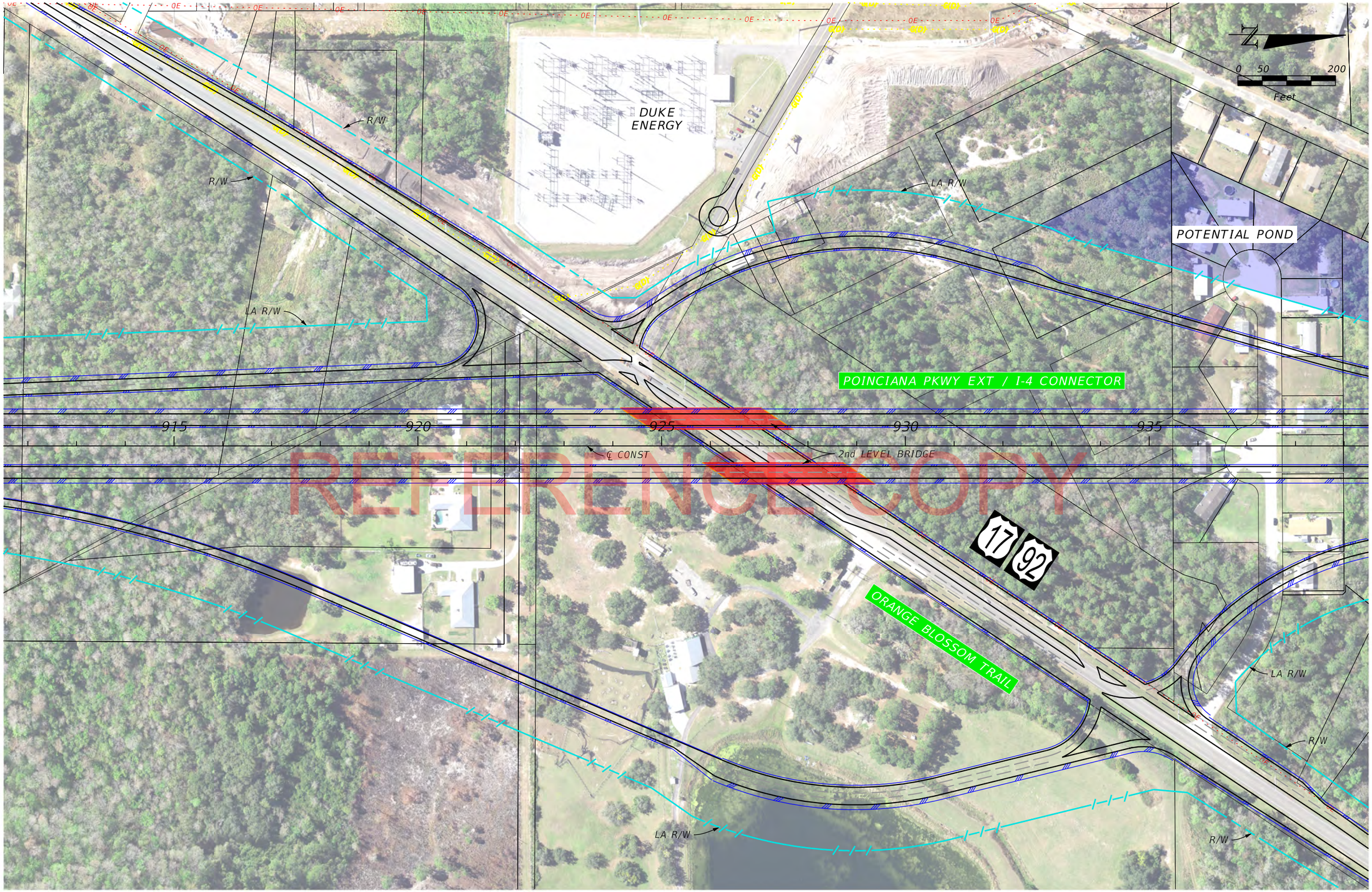
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.

2A4-5



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-6

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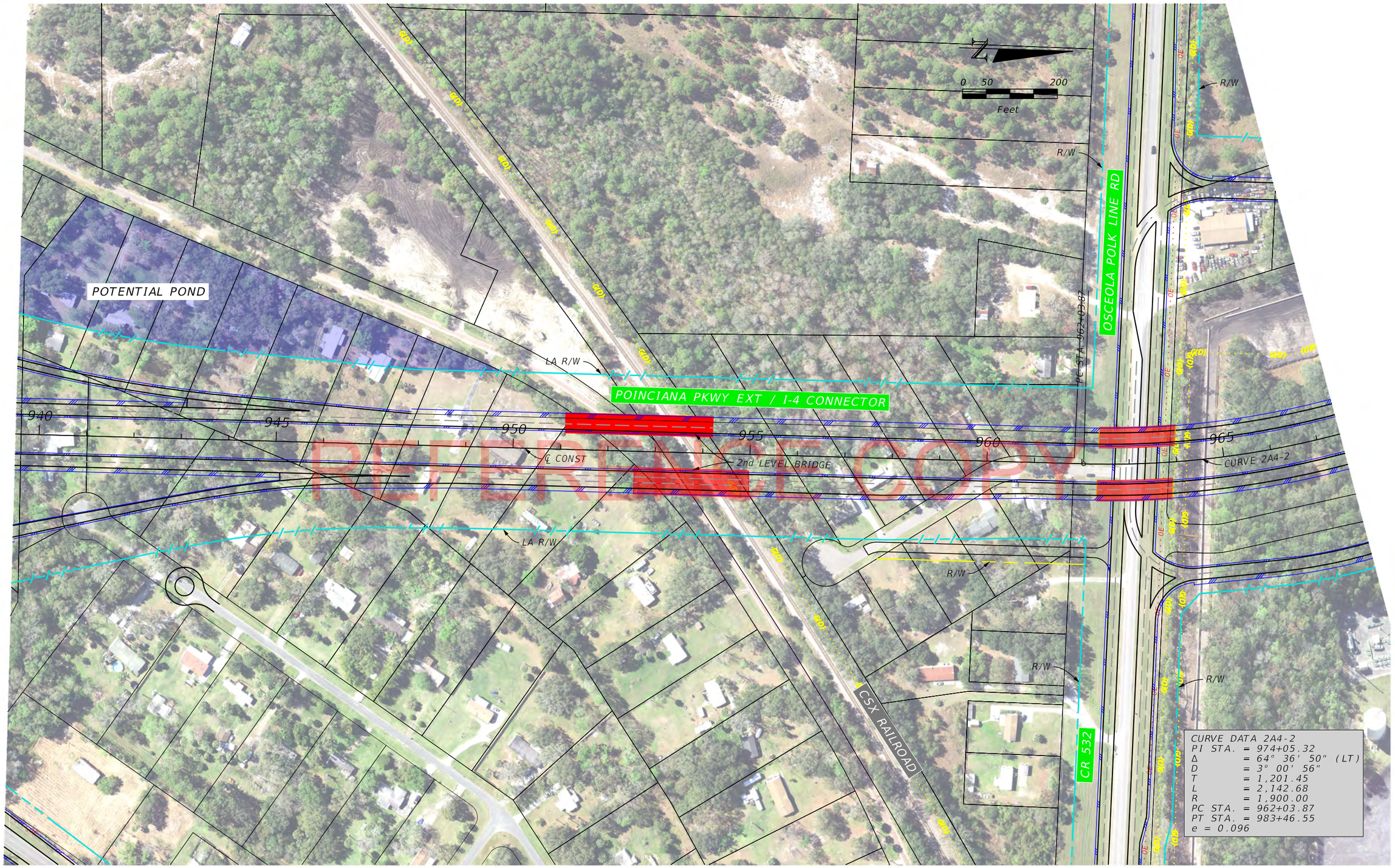

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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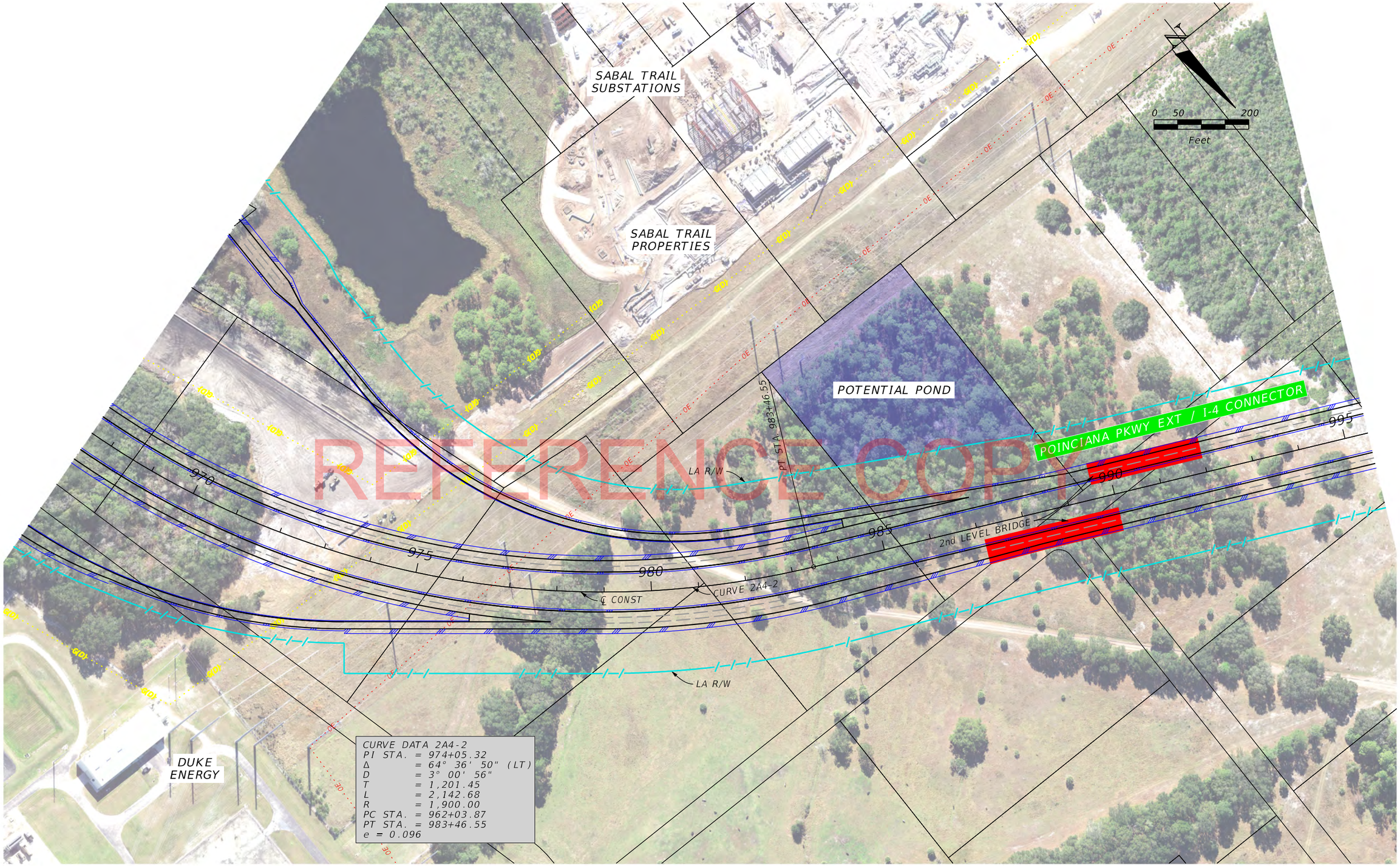
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-7



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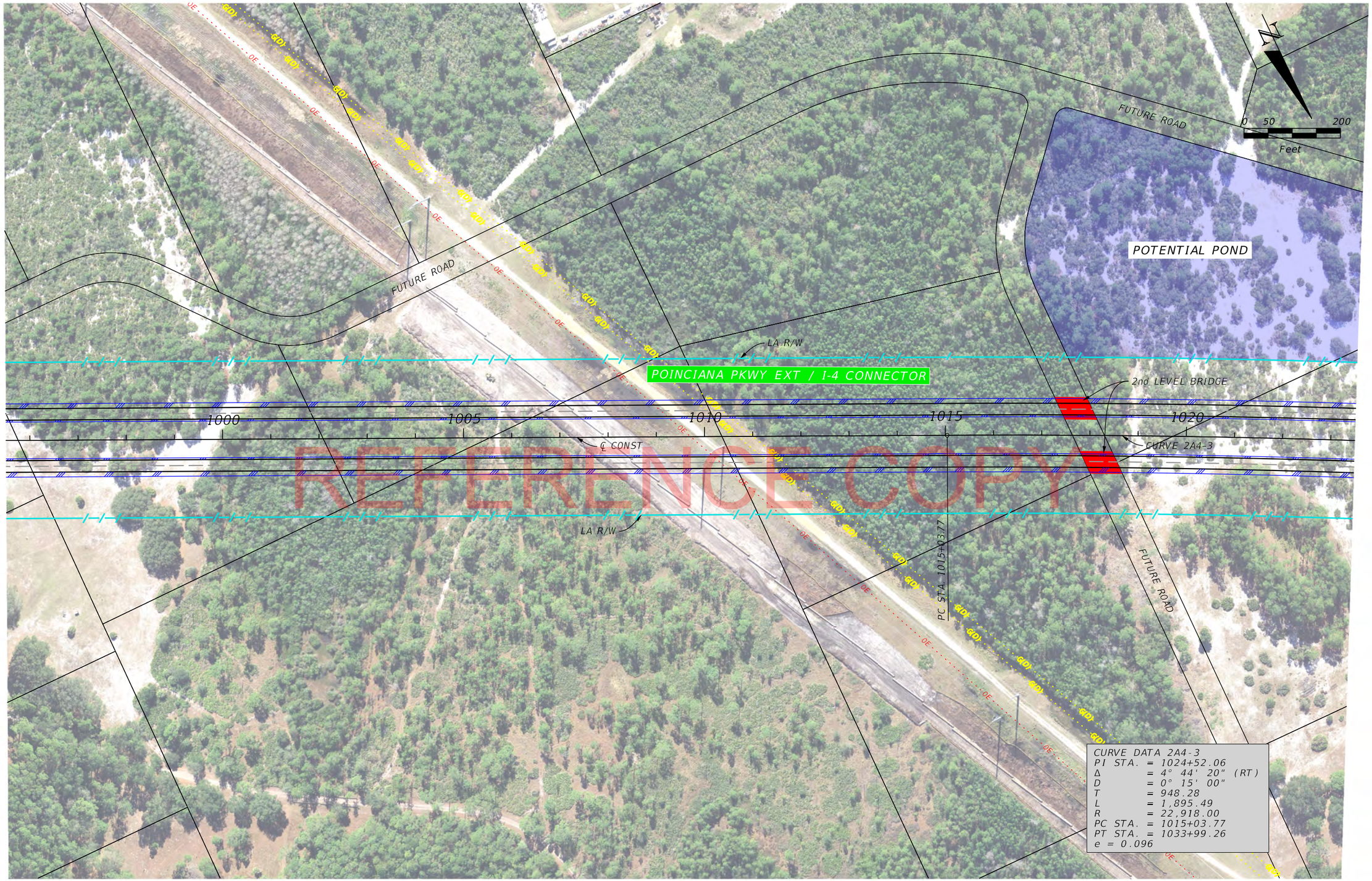
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-8



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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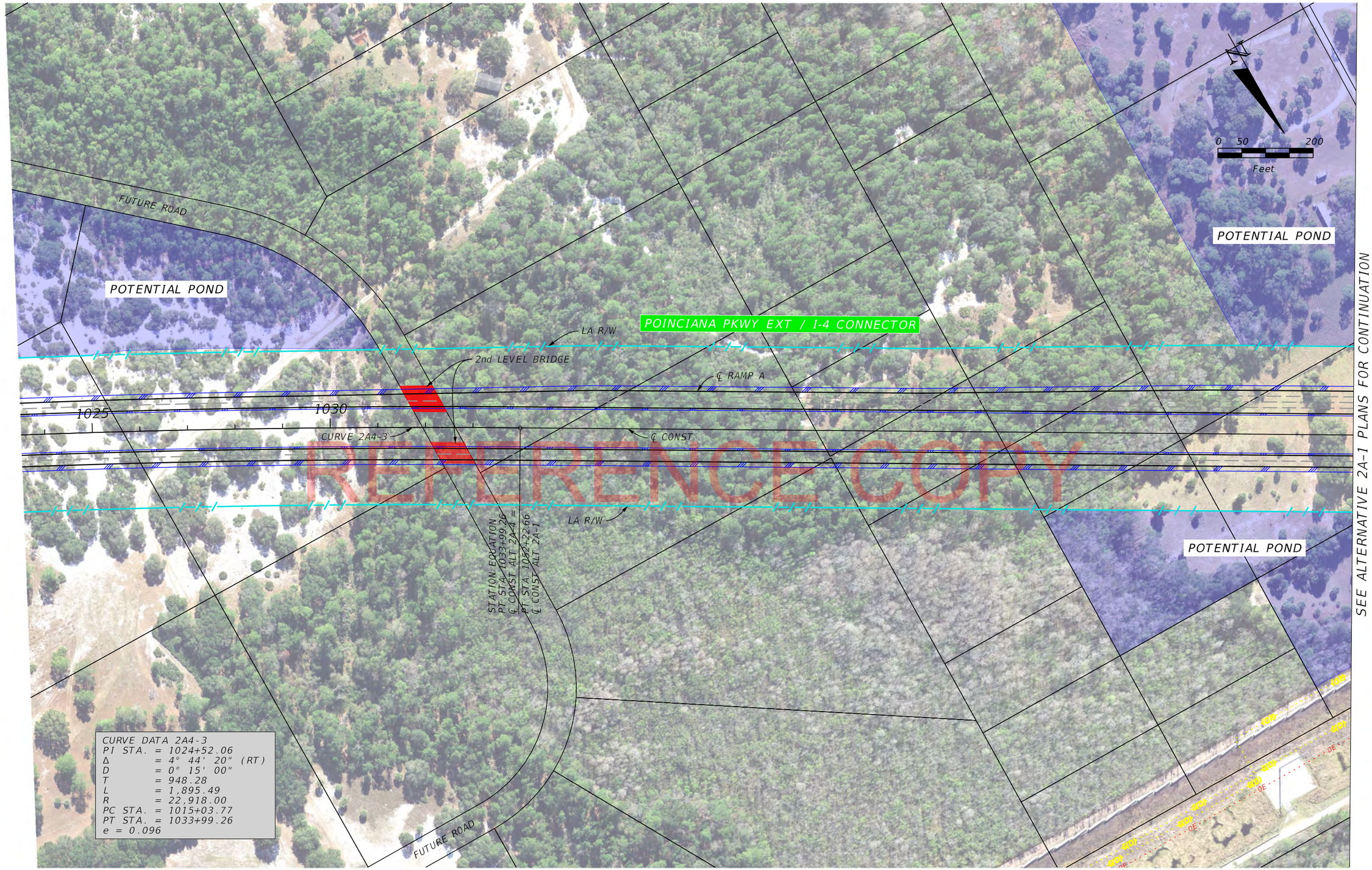
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-9



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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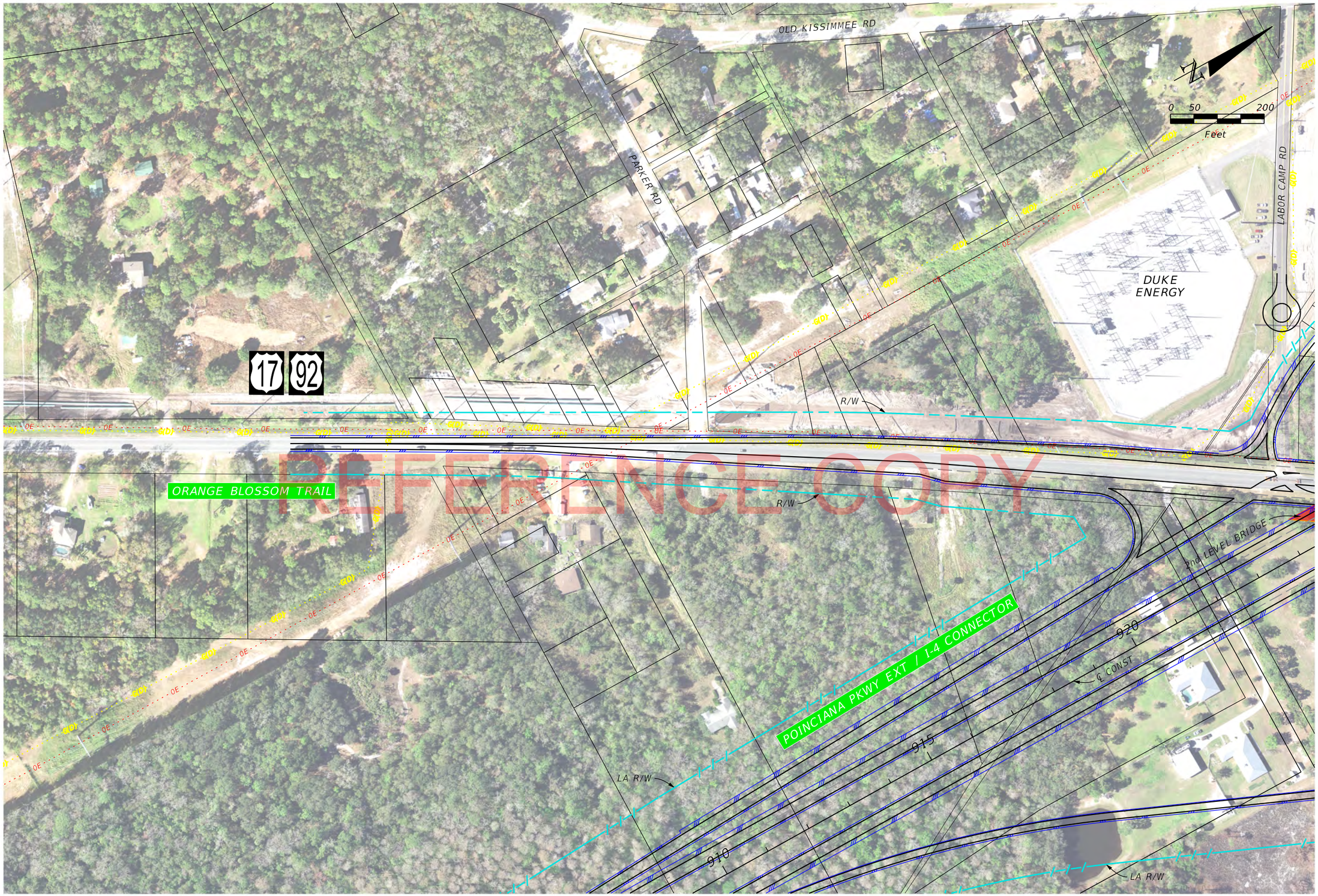
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-10



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-11

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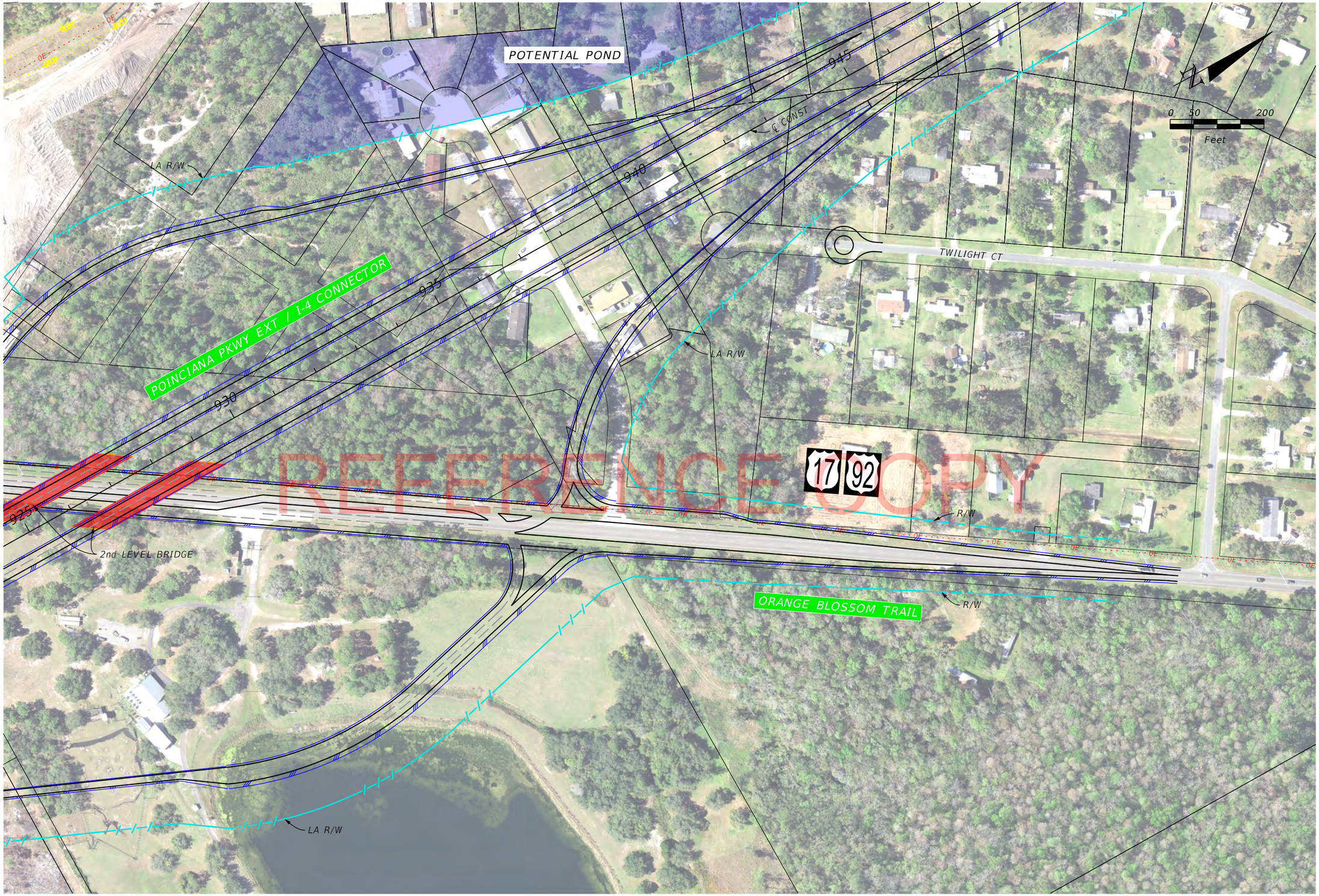

REVISIONS			
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-12

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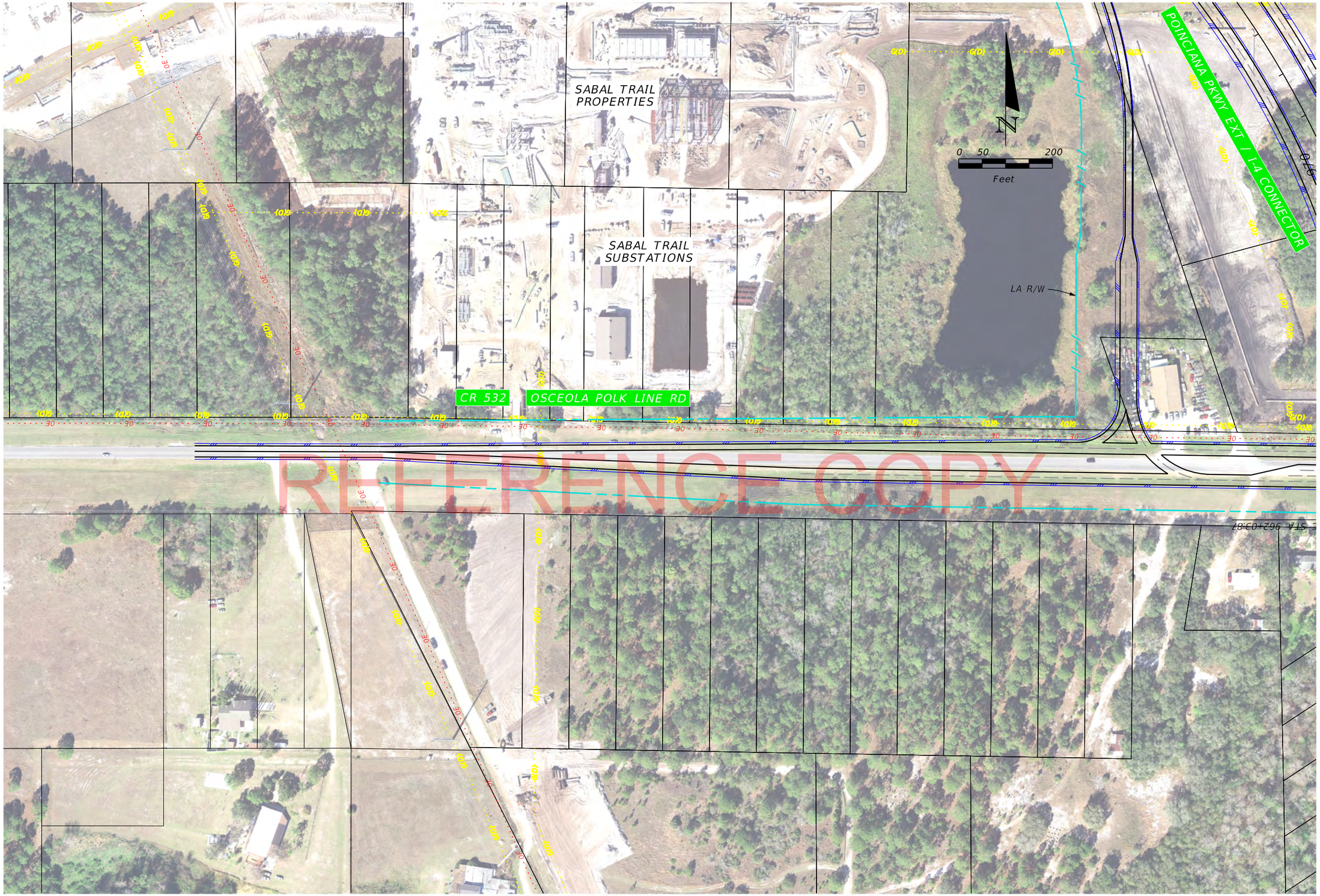

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-4

SHEET NO.
2A4-13

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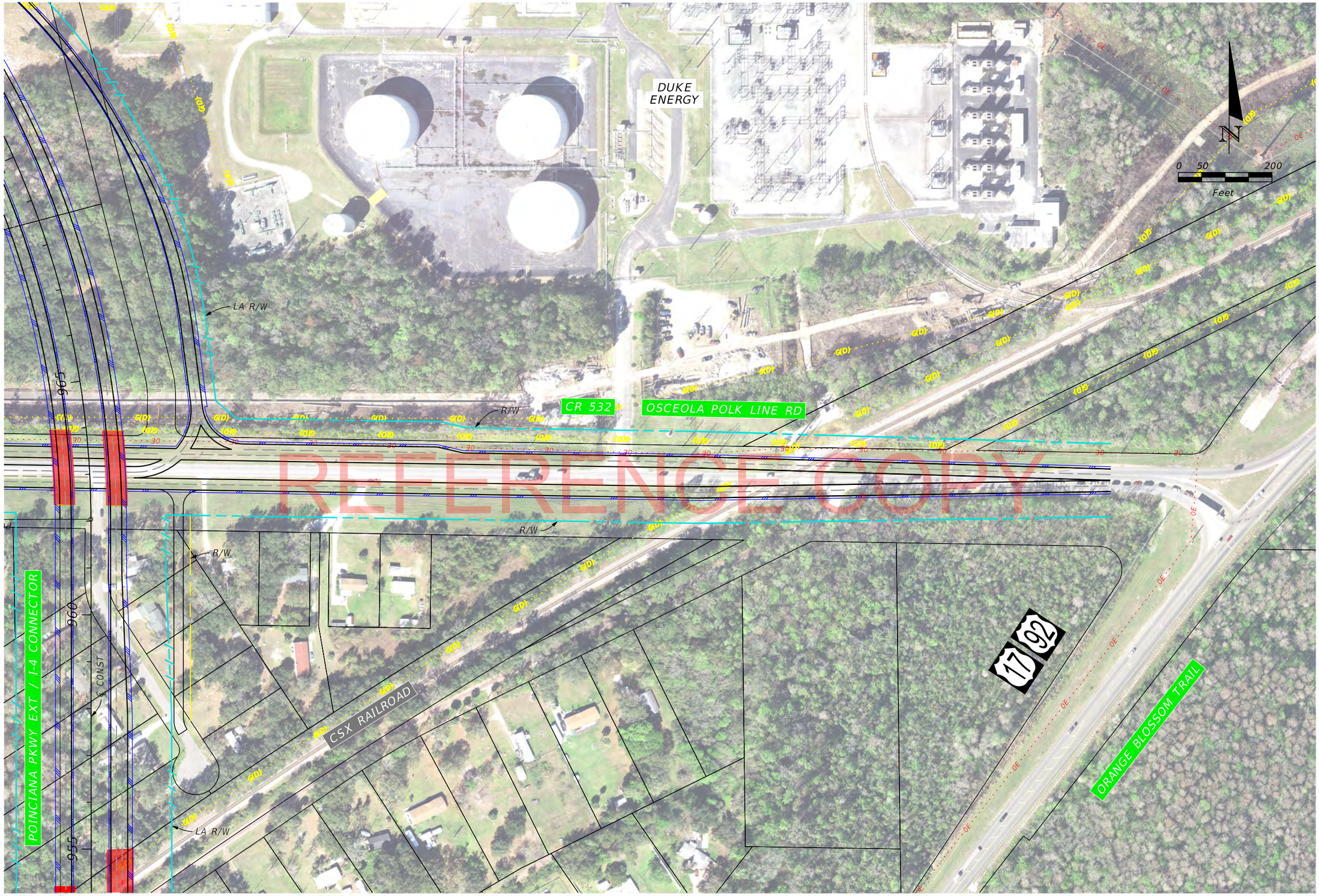

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

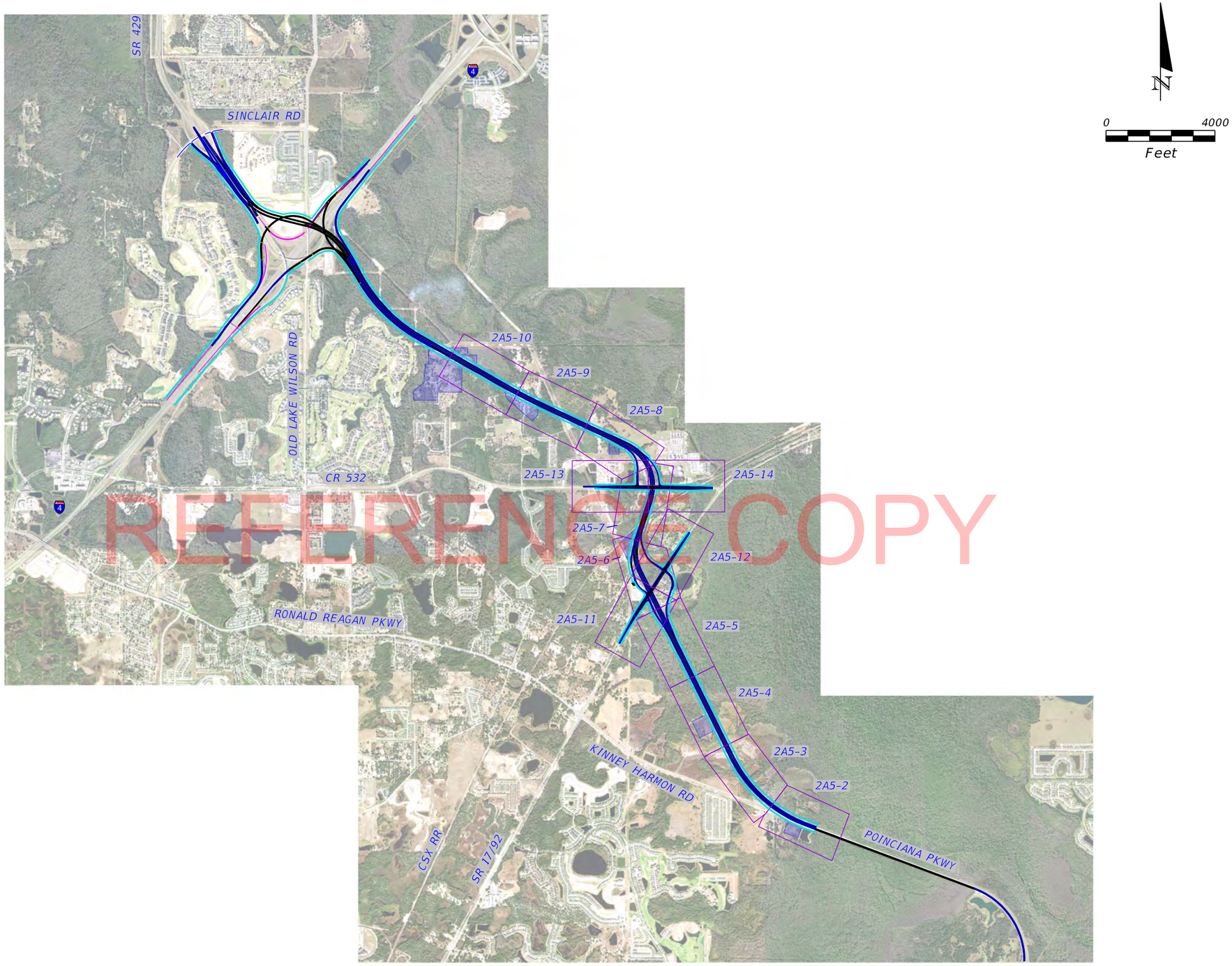
Alternative 2A-4

SHEET NO.
2A4-14

APPENDIX O

Concept Plans for Alternative 2A-5

REFERENCE COPY



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-1

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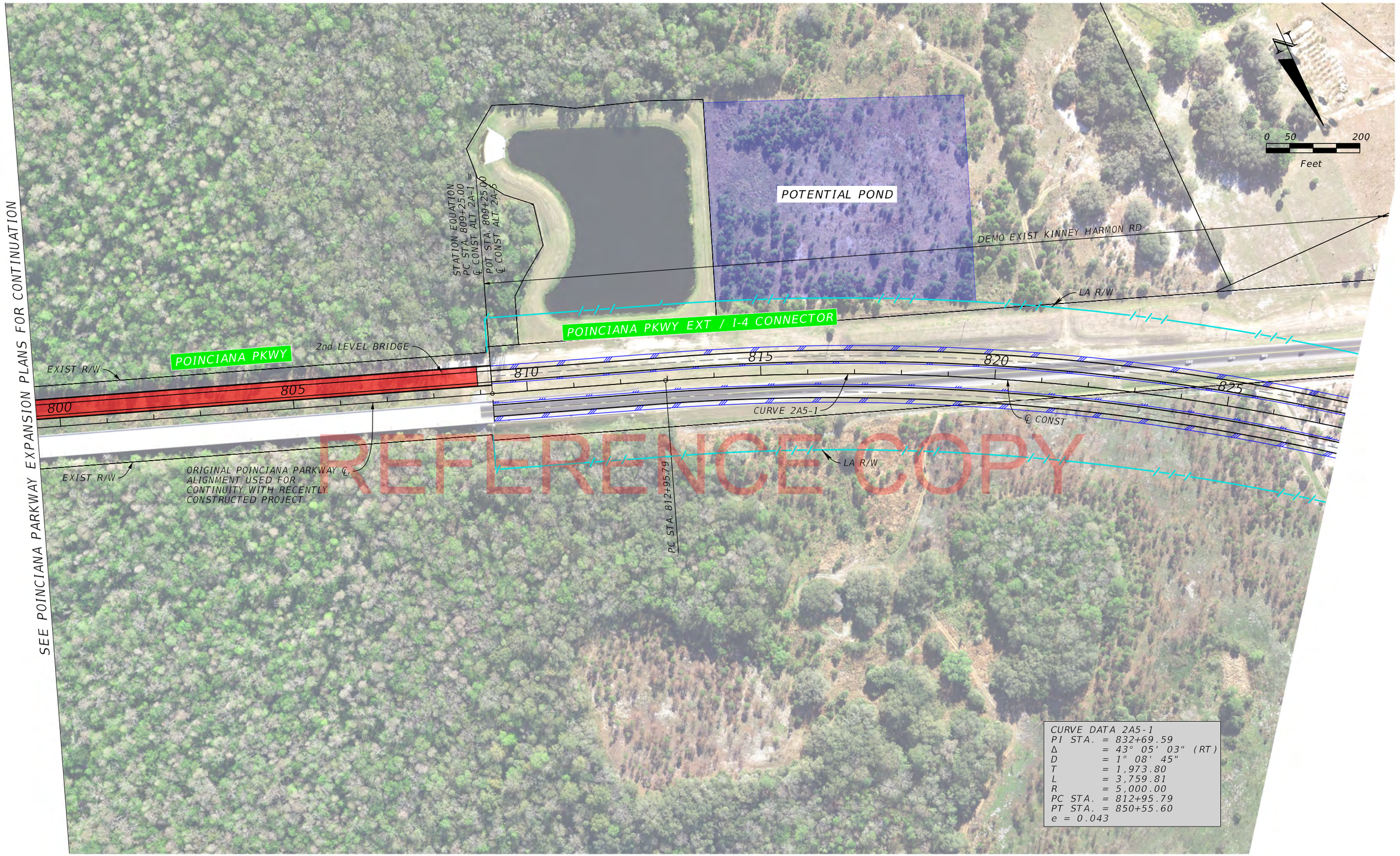

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-2

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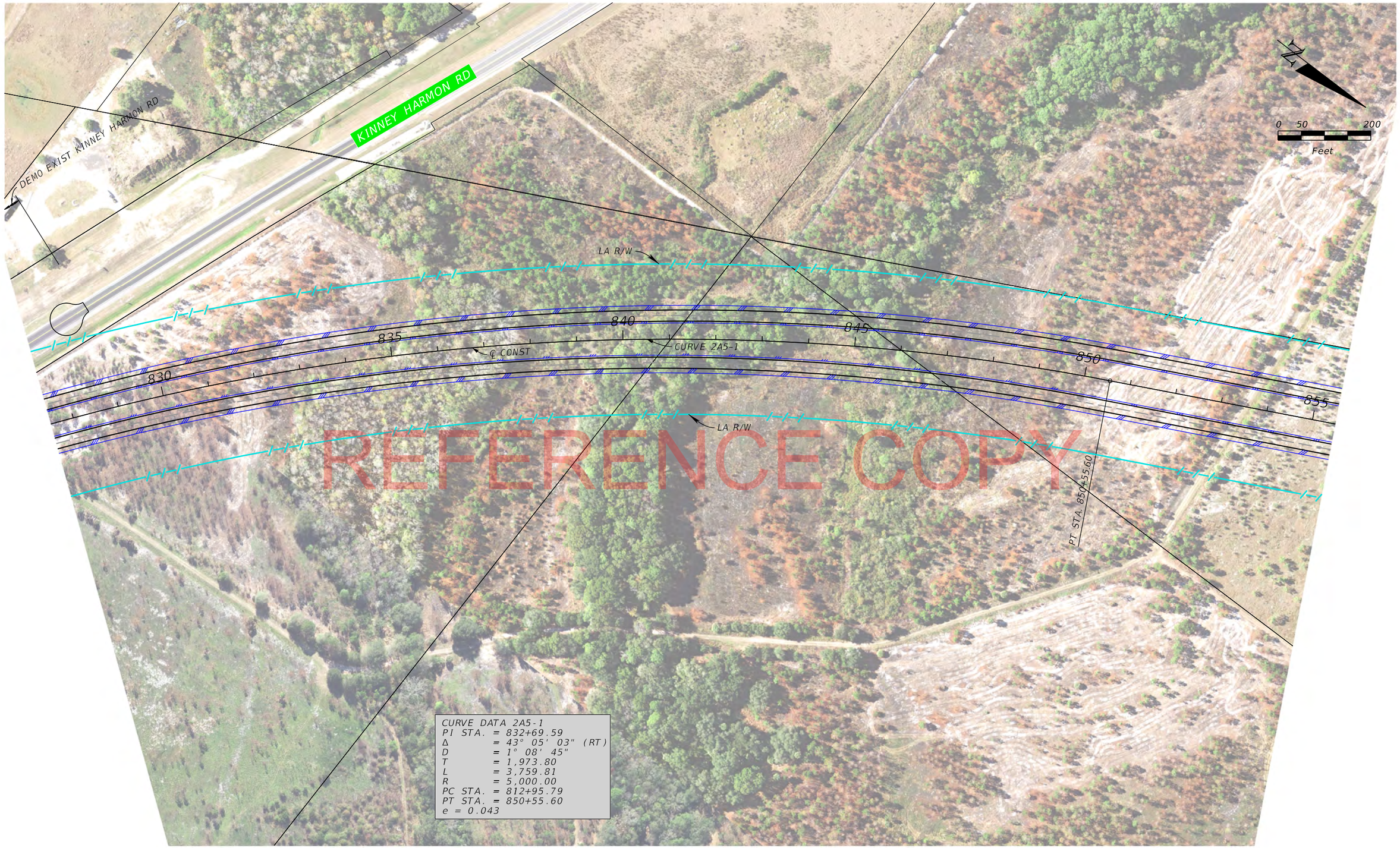

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.

2A5-3

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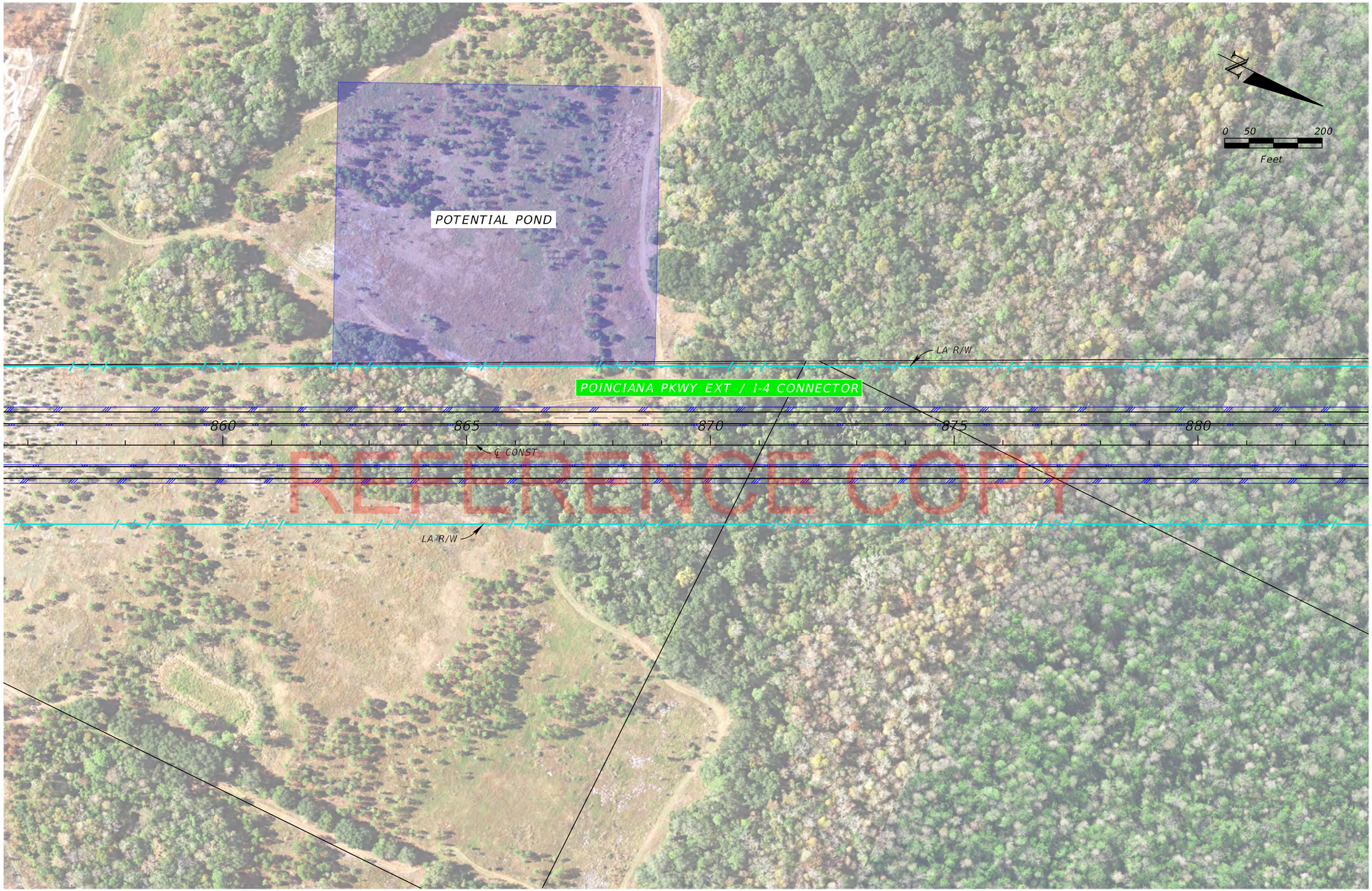

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-4

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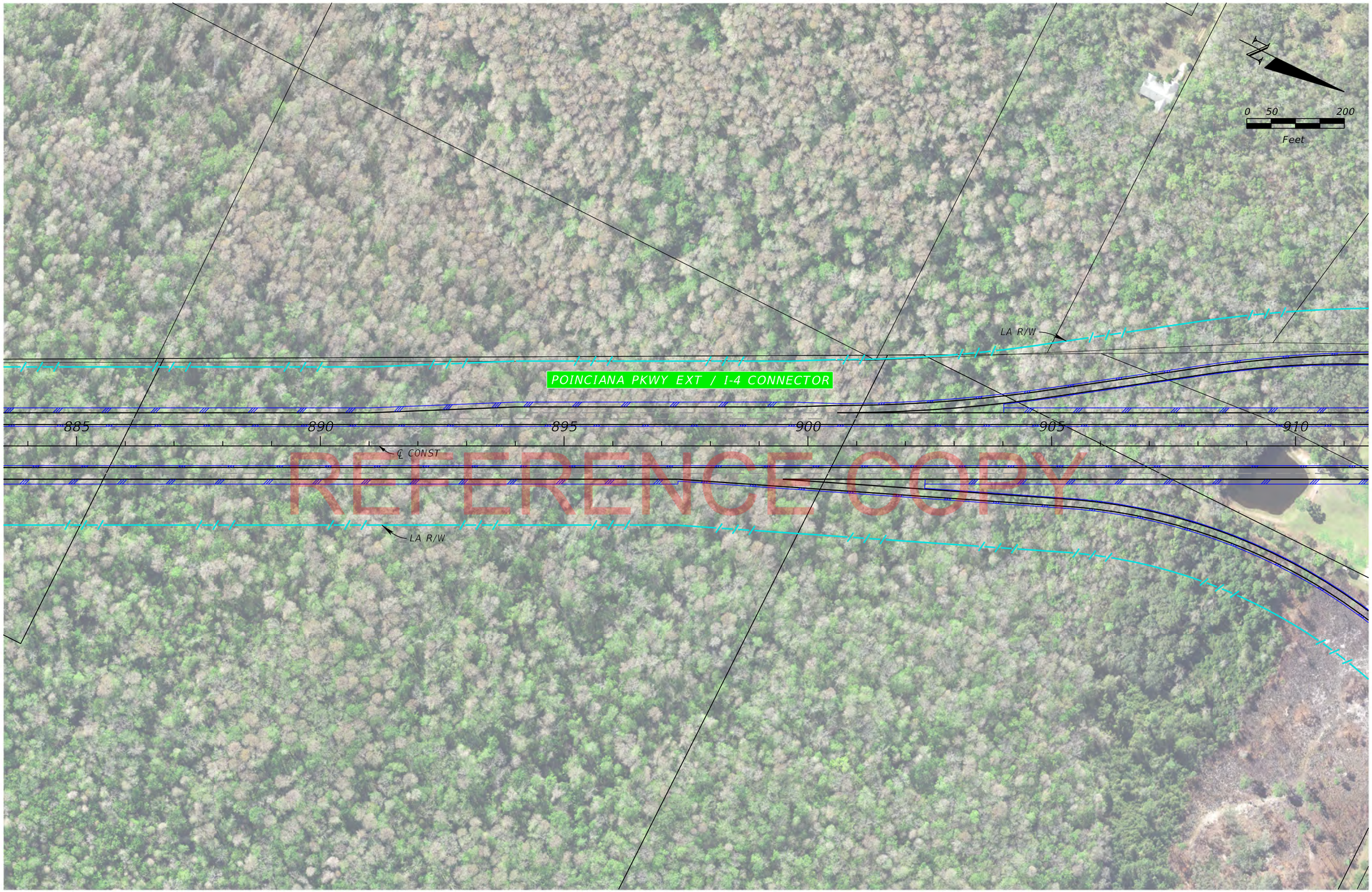

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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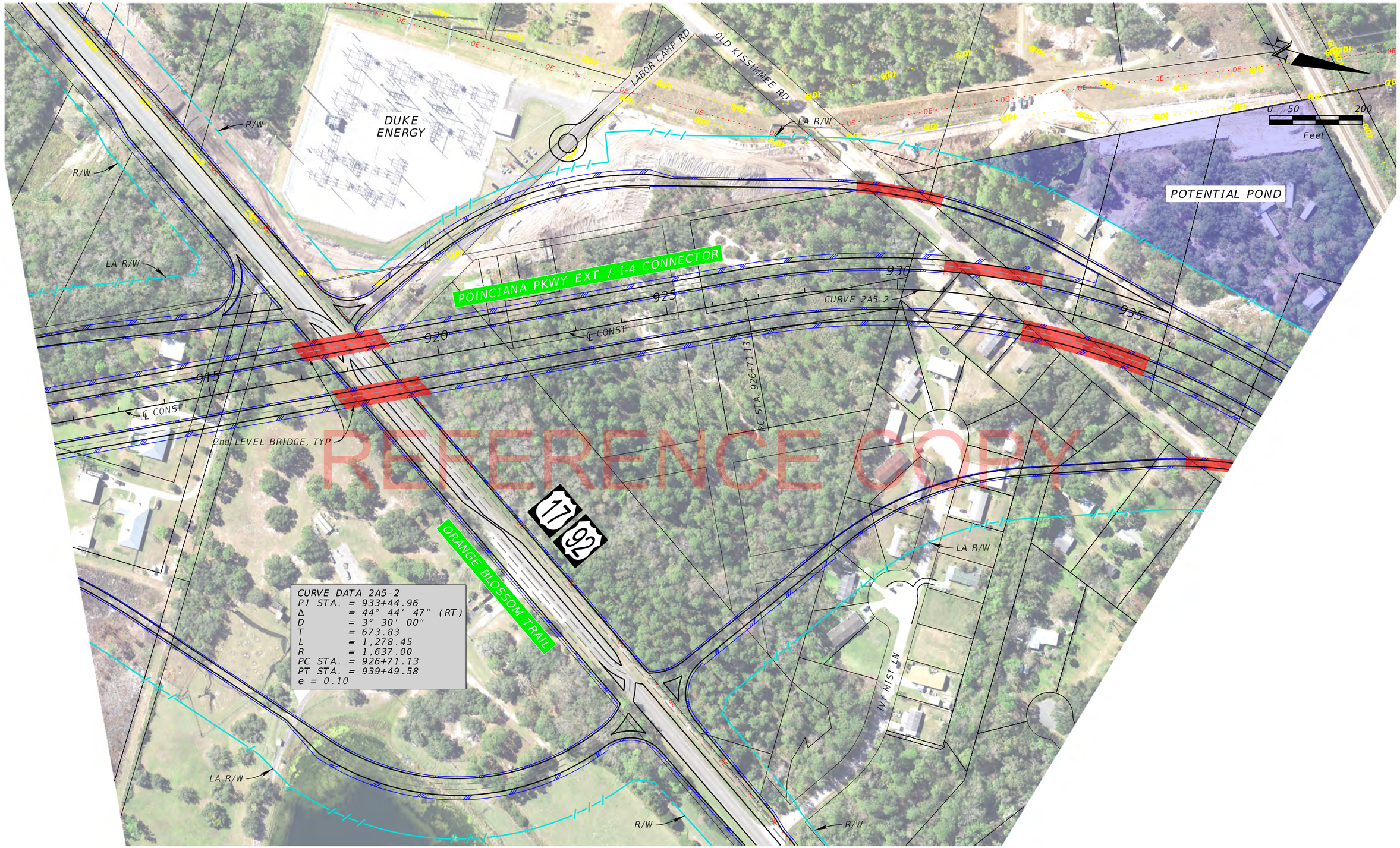
Alternative 2A-5

SHEET NO.
2A5-5



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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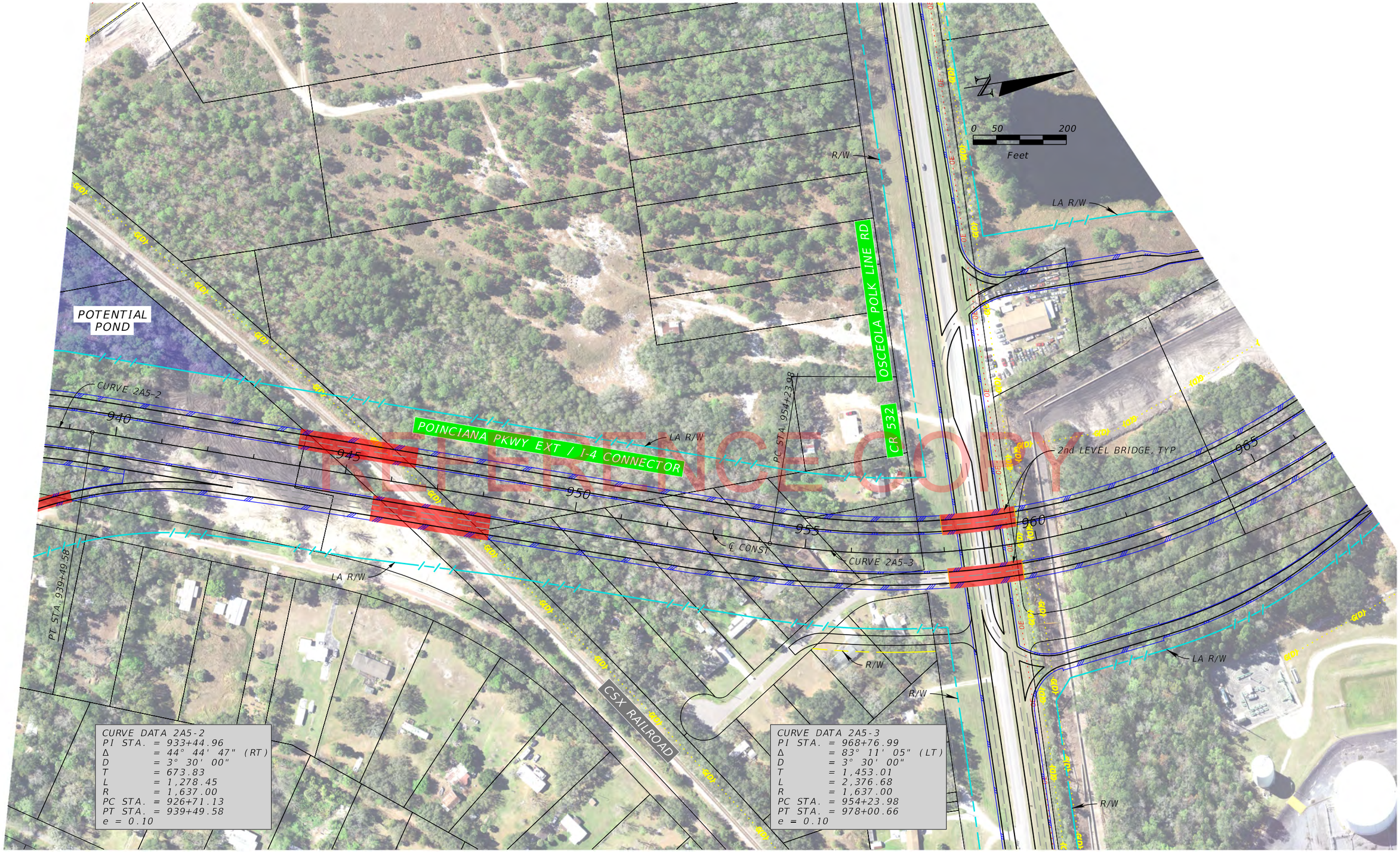
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-6



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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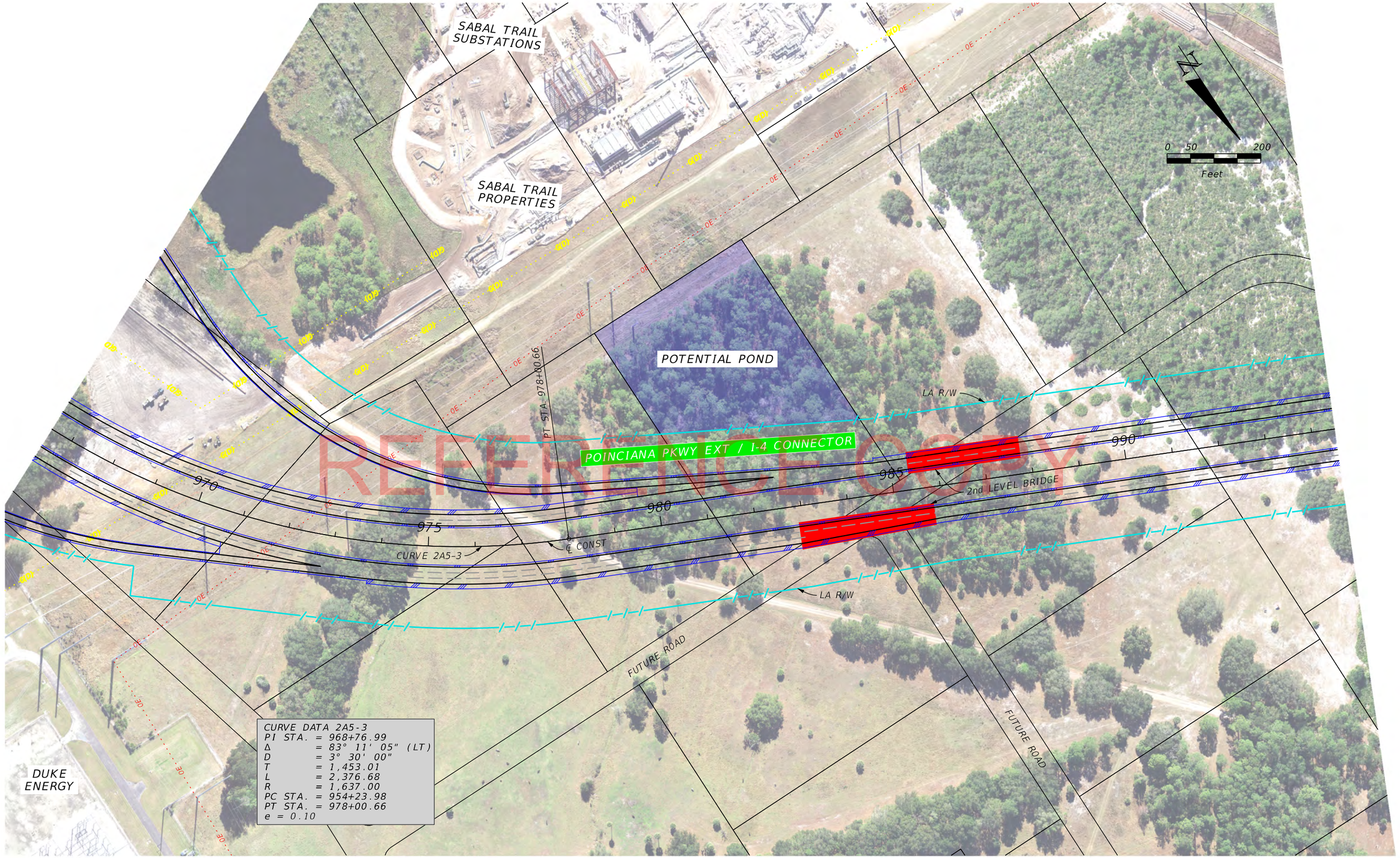
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-7



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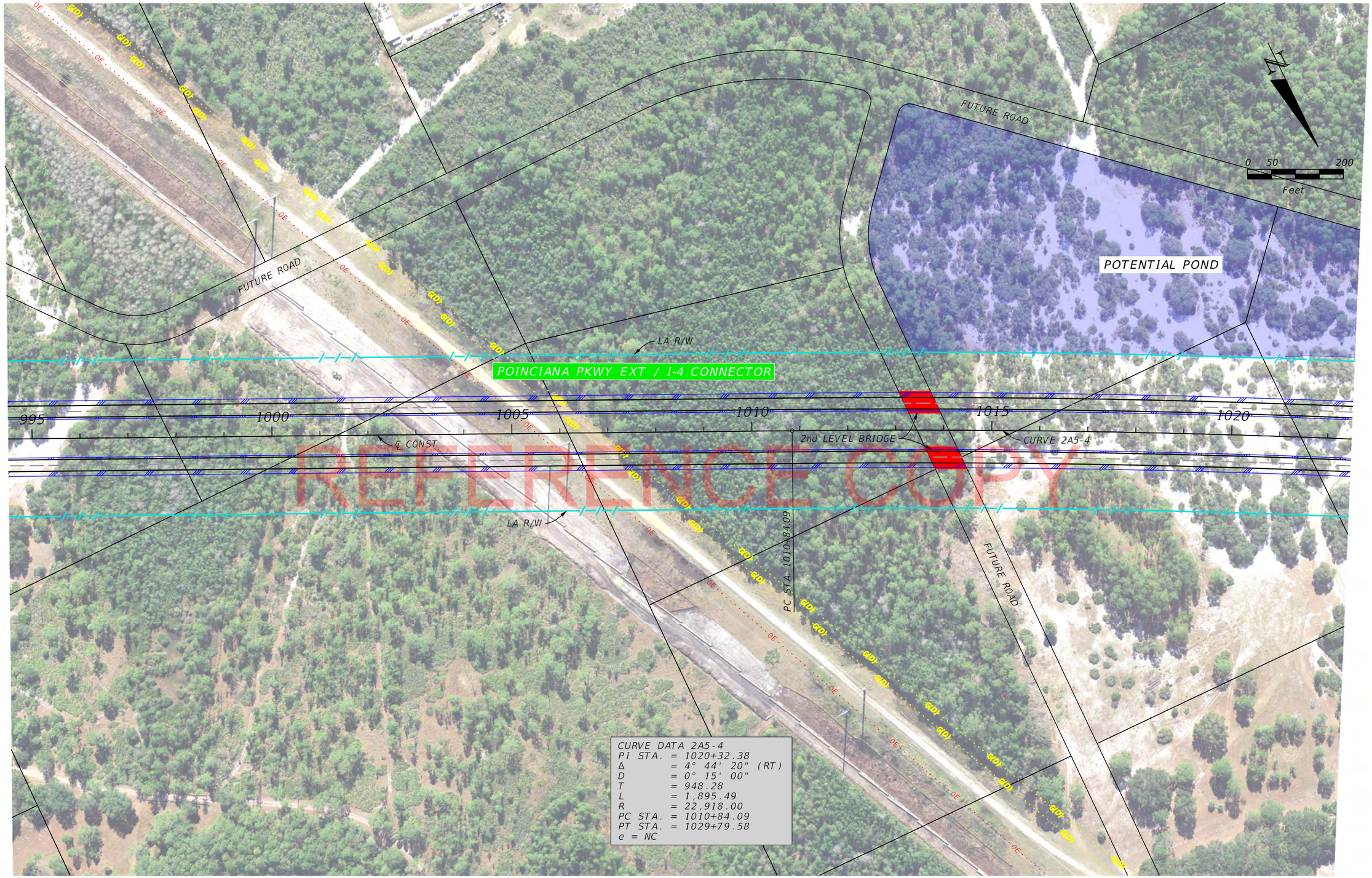
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-8



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-9

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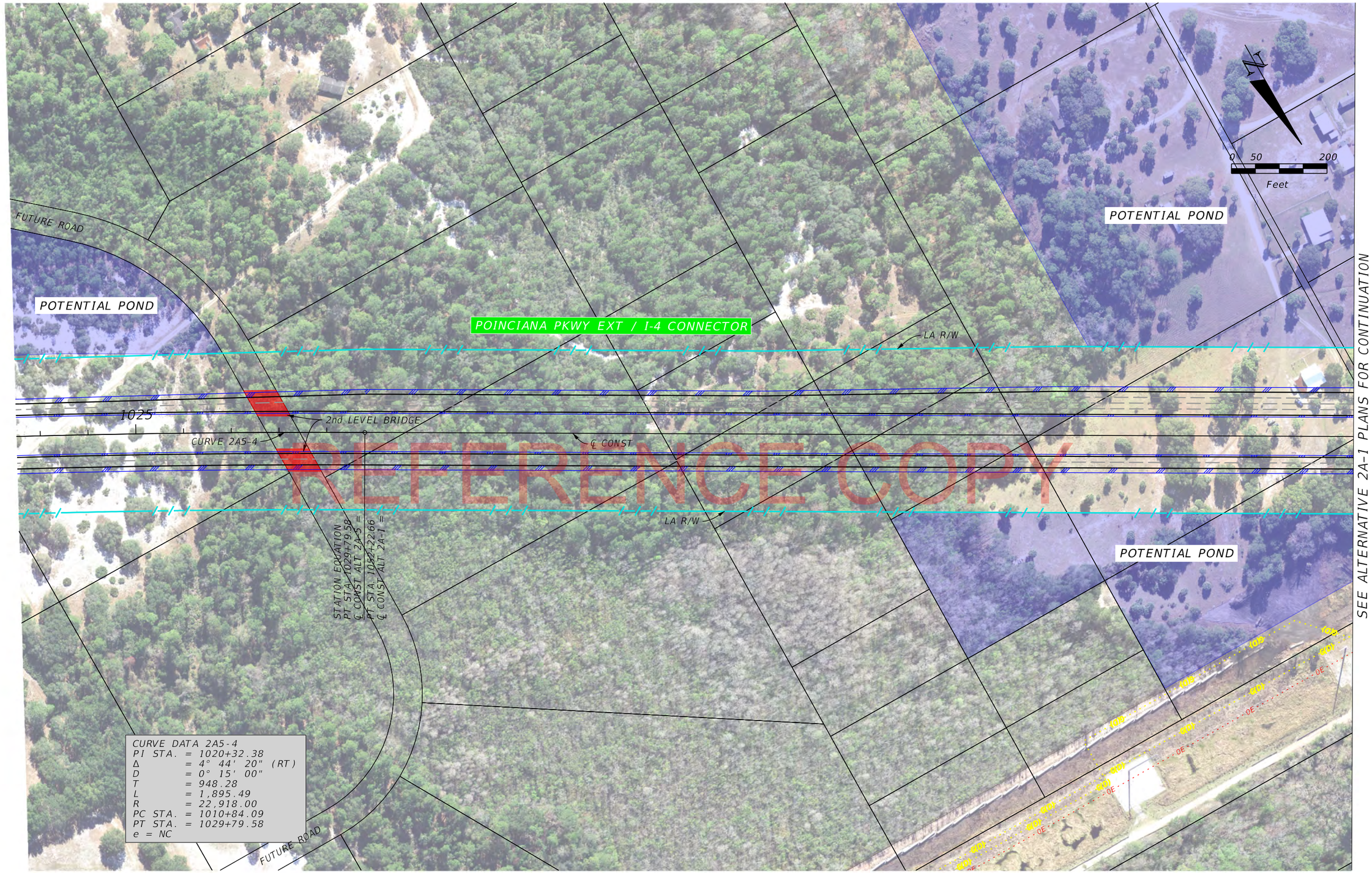

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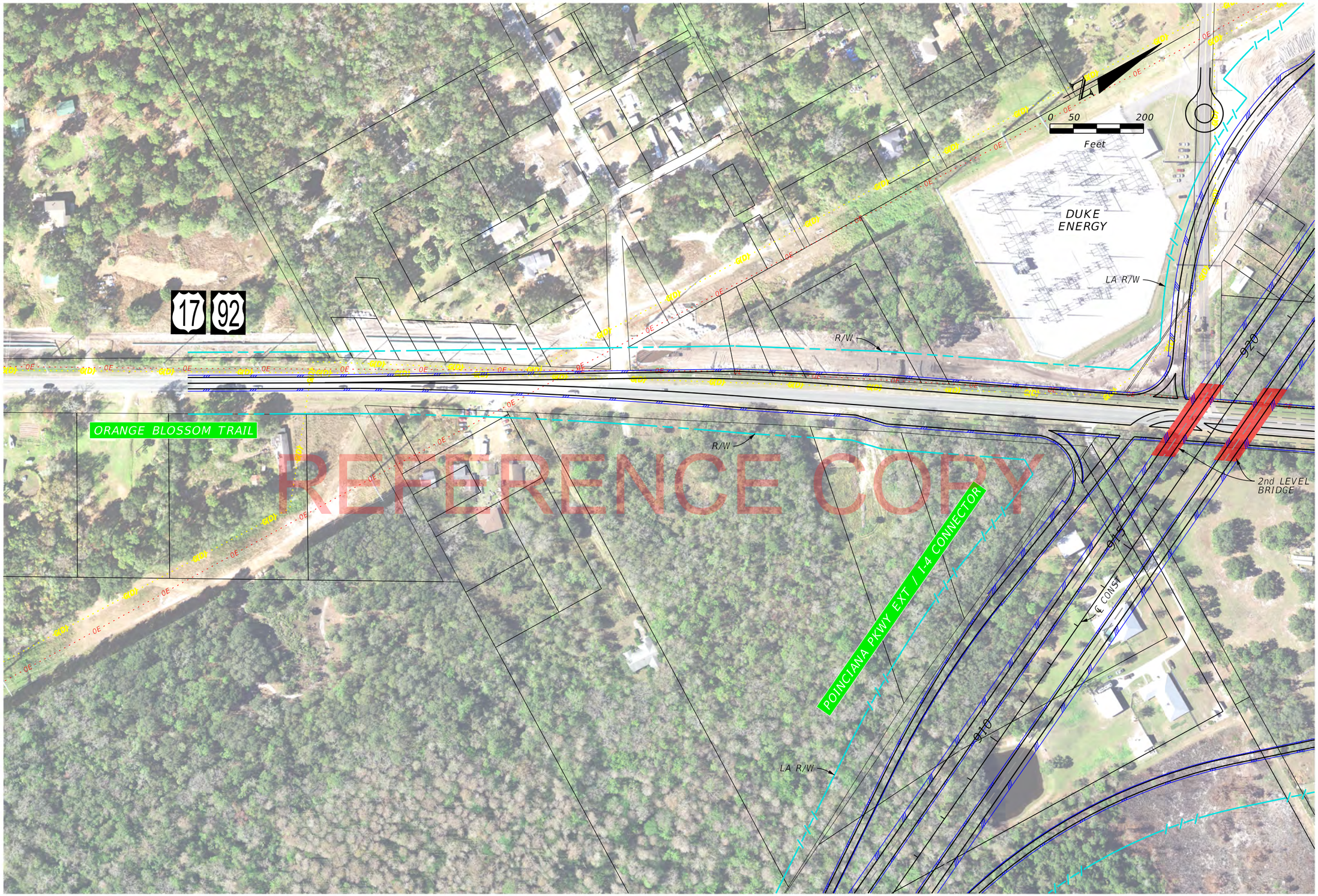
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-10



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-11

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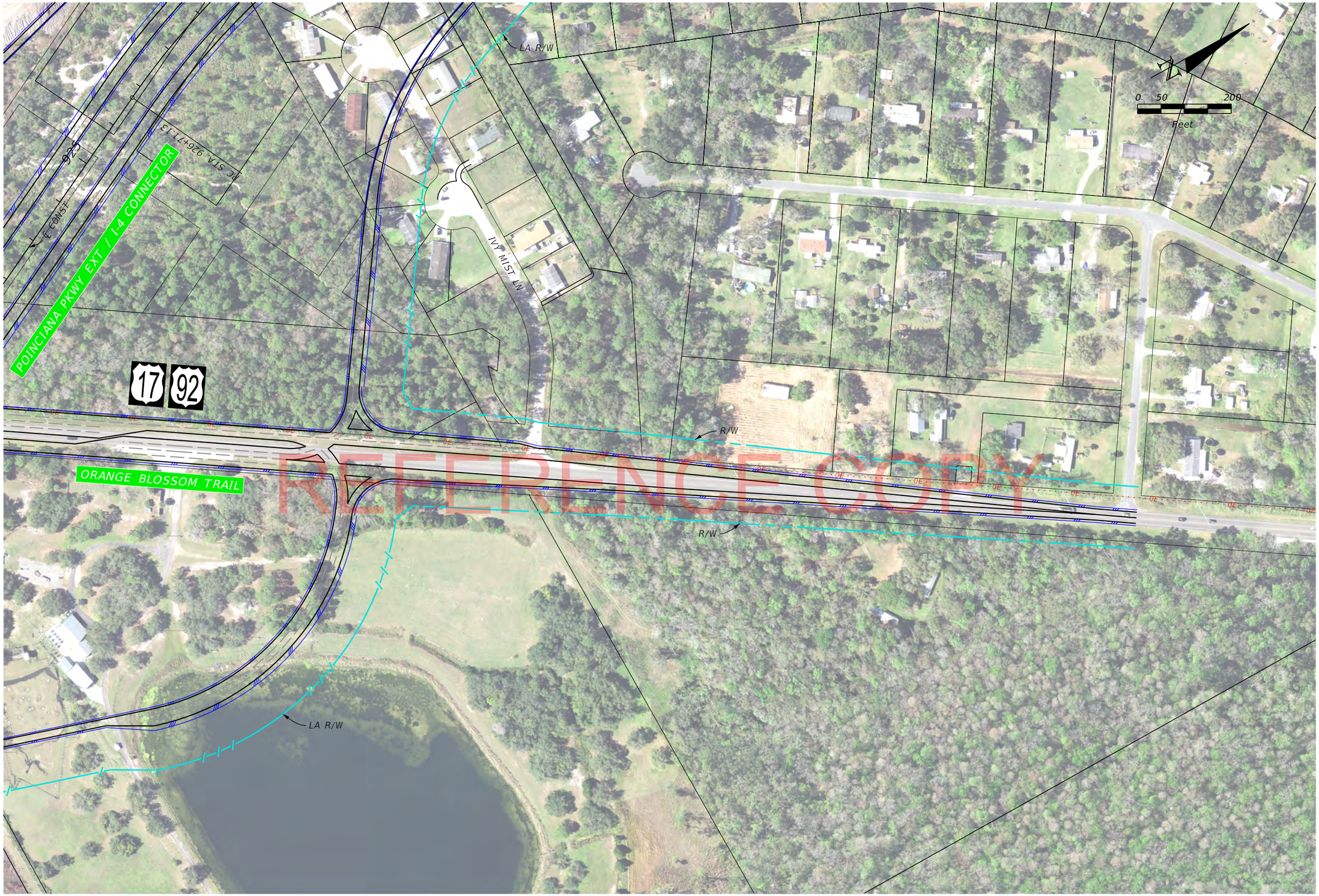

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
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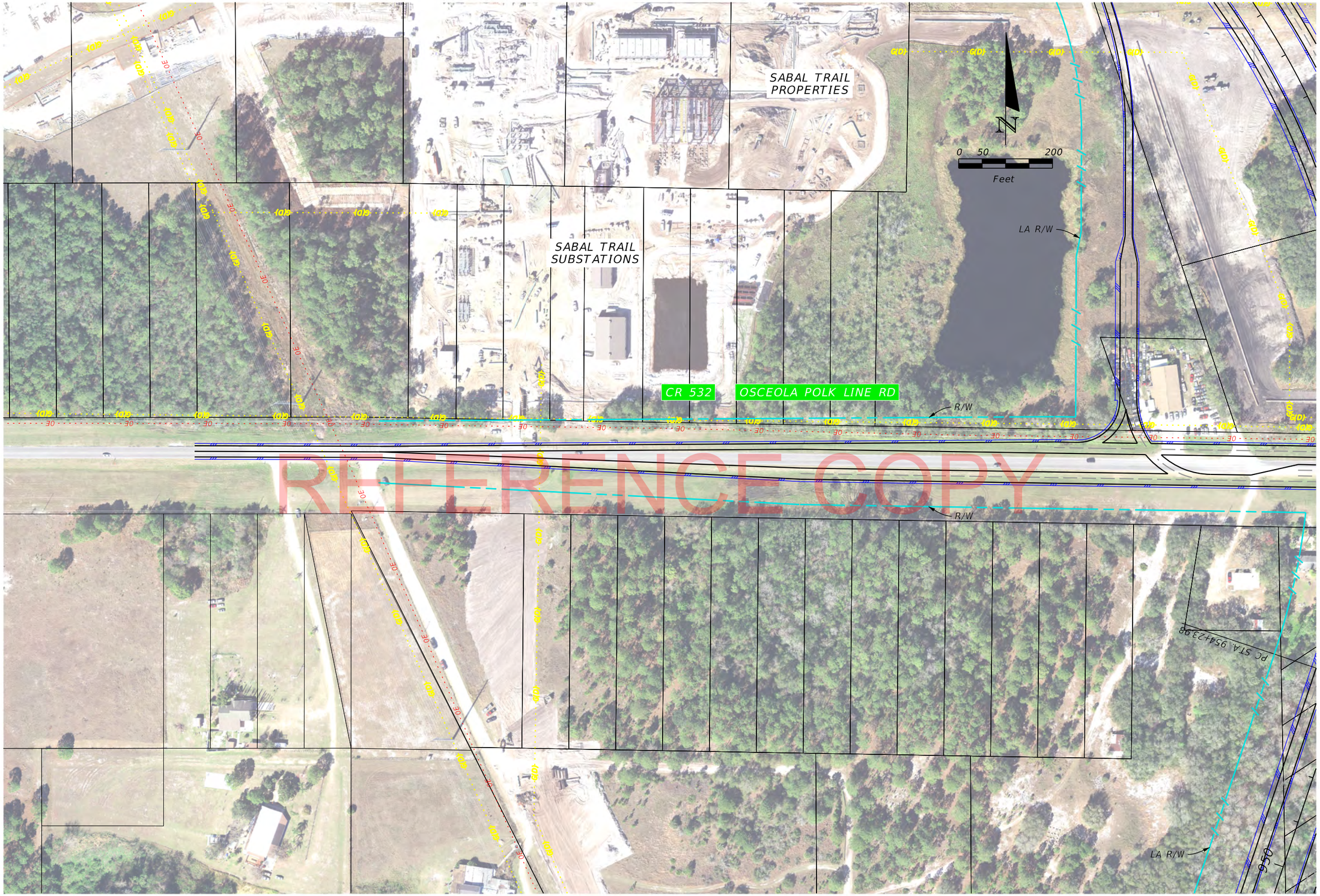

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 2A-5

SHEET NO.
2A5-13

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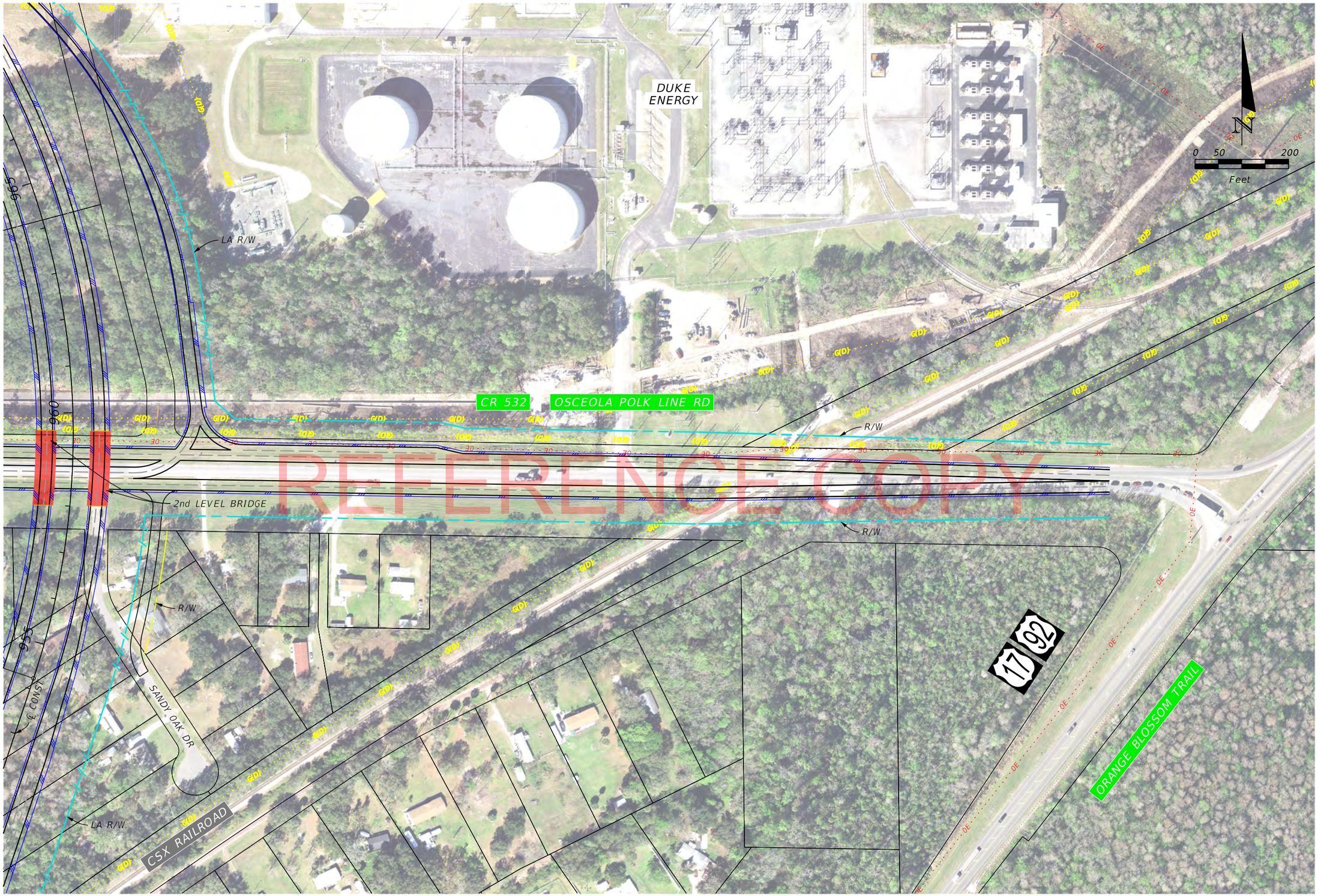

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

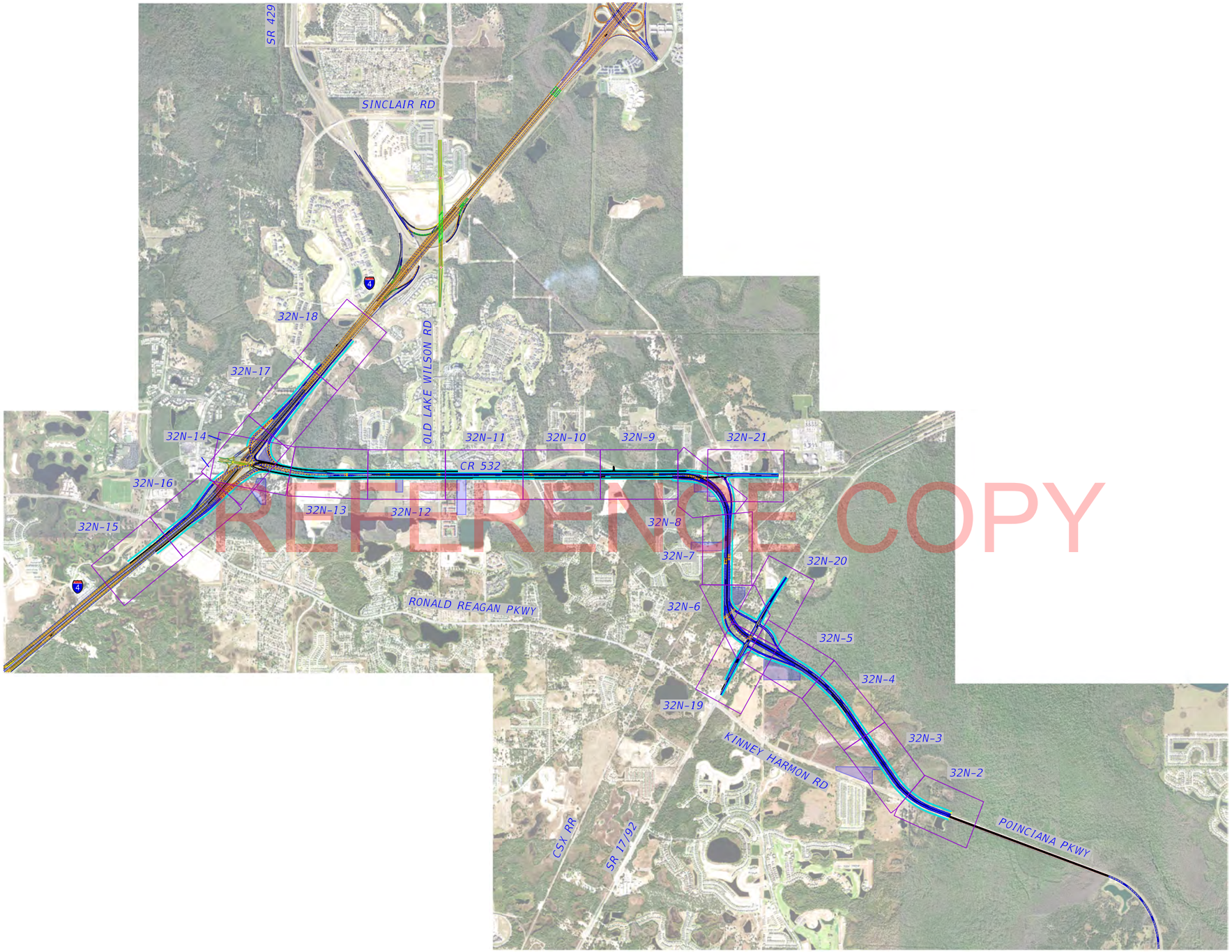
Alternative 2A-5

SHEET NO.
2A5-14

APPENDIX P

Concept Plans for Alternative 3-2 North

REFERENCE COPY



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-1

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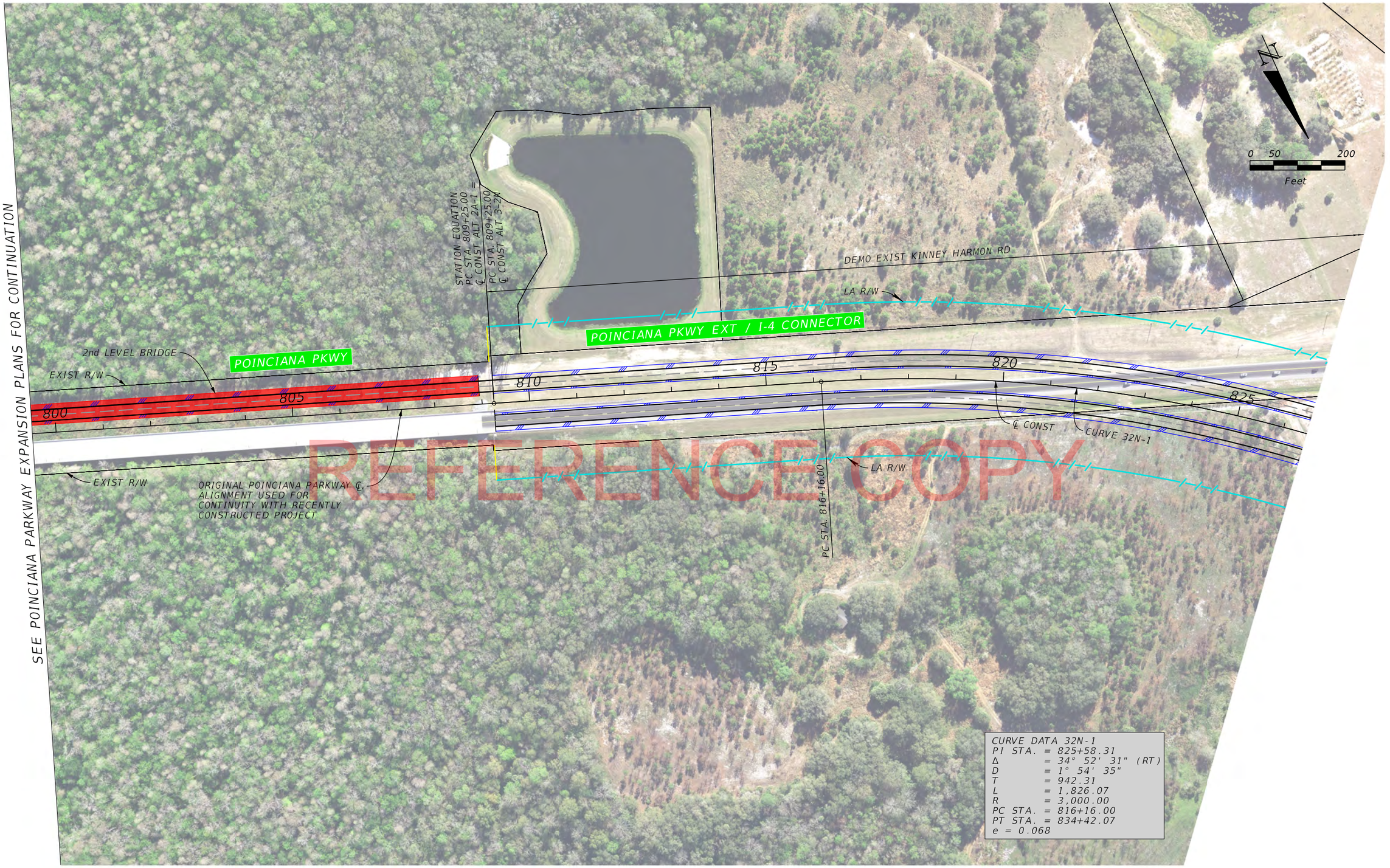

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Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
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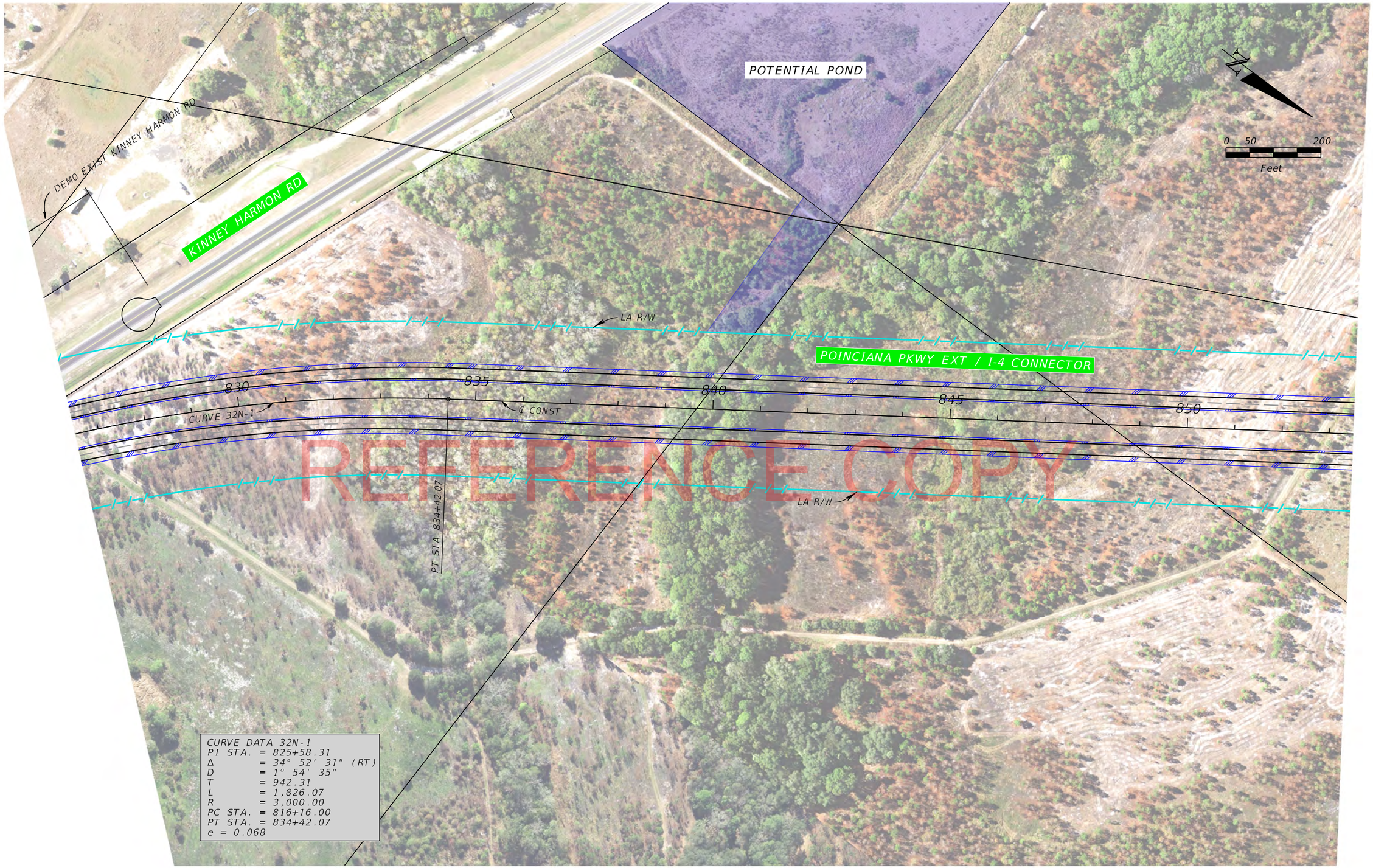

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Concept, Feasability and Mobility Study
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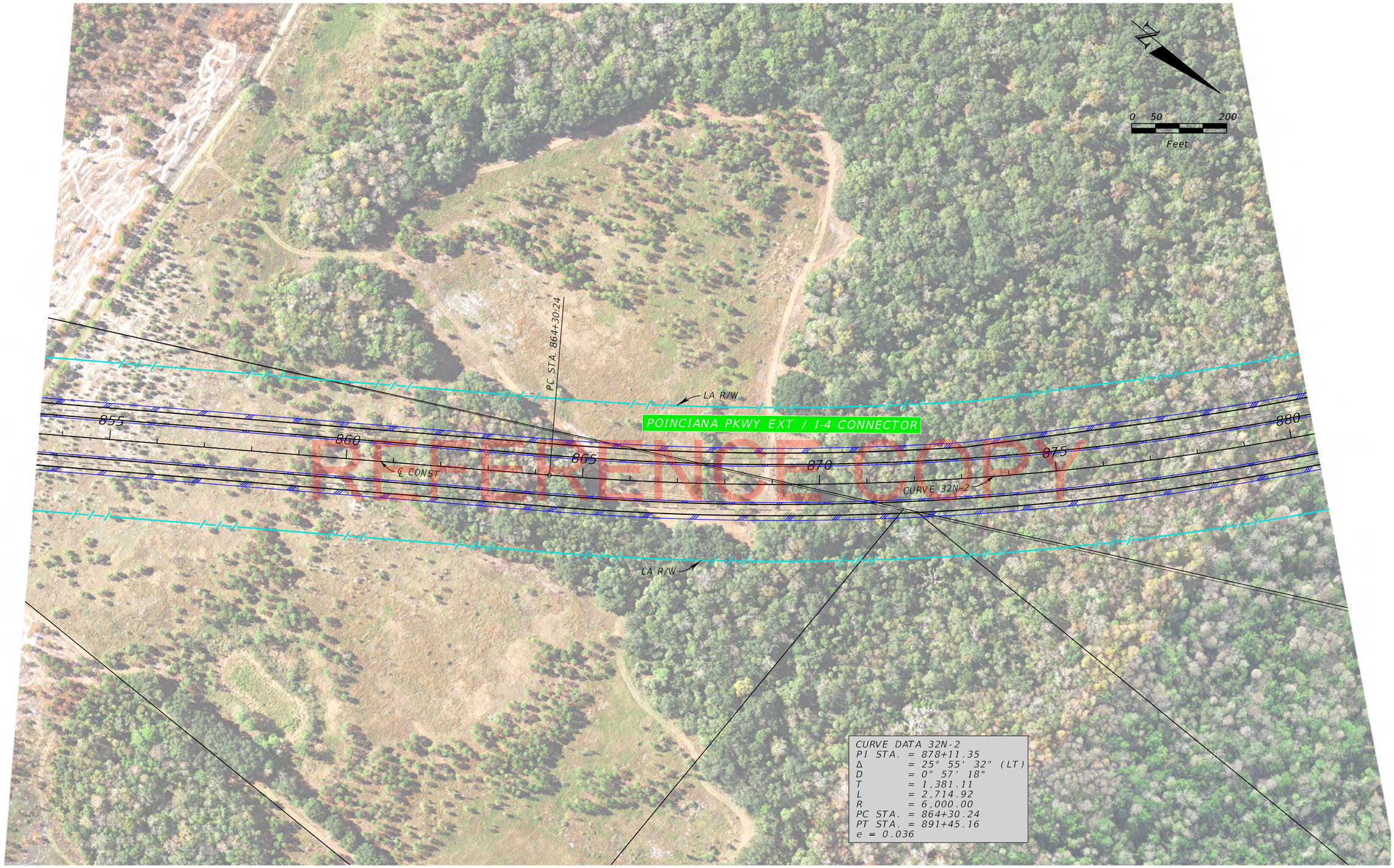
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.

32N-3



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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Alternative 3-2N

SHEET NO.
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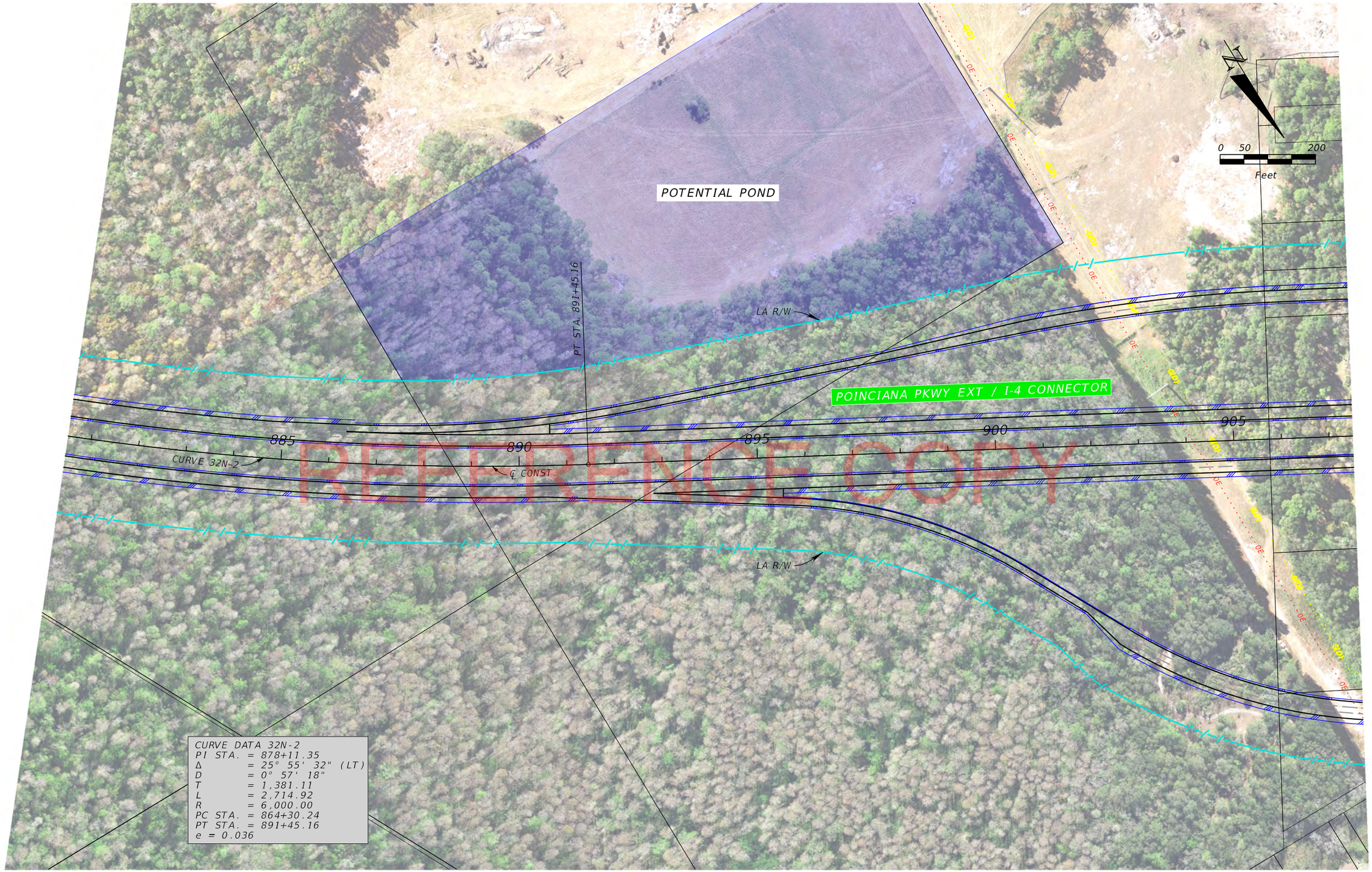

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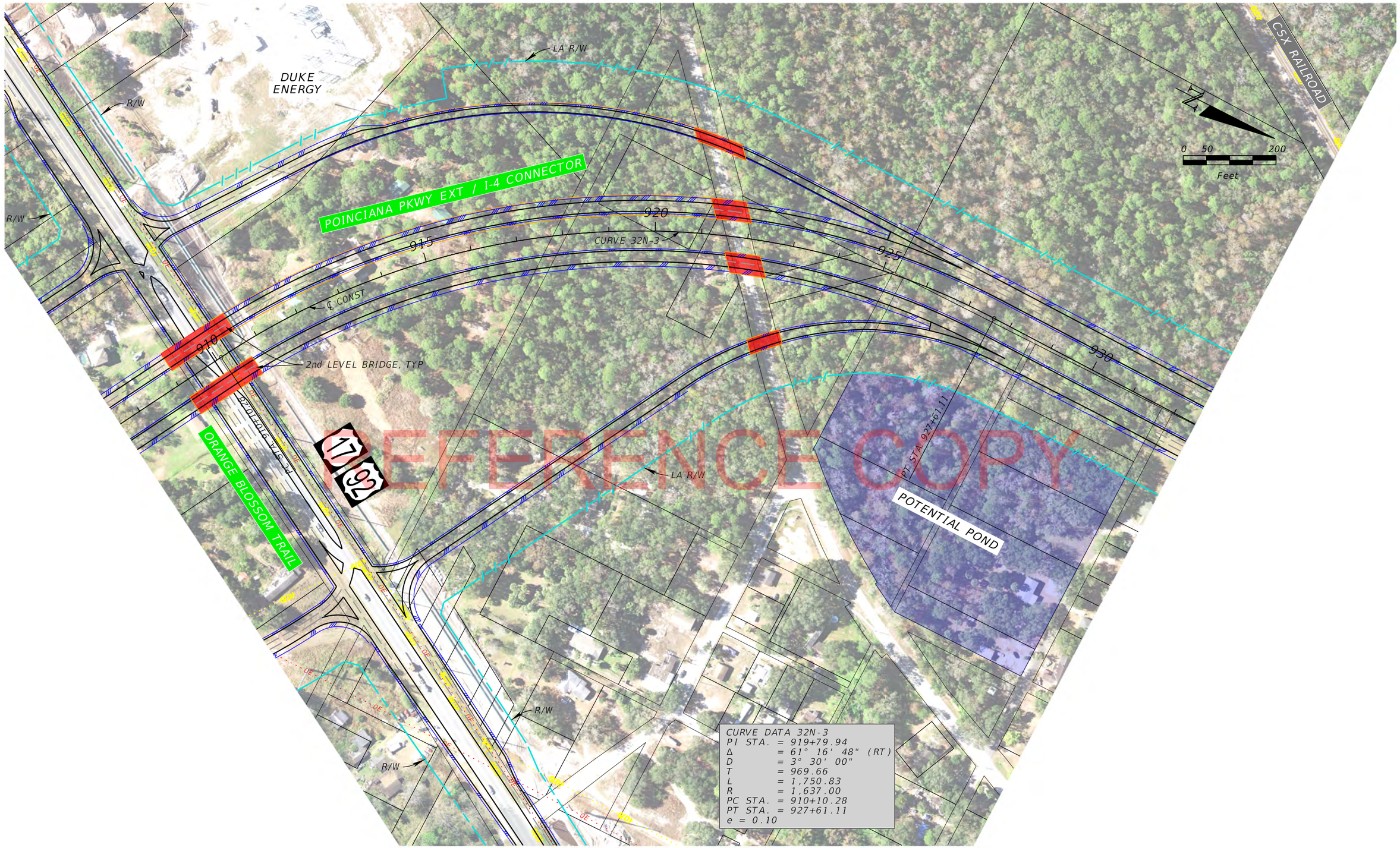
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-5



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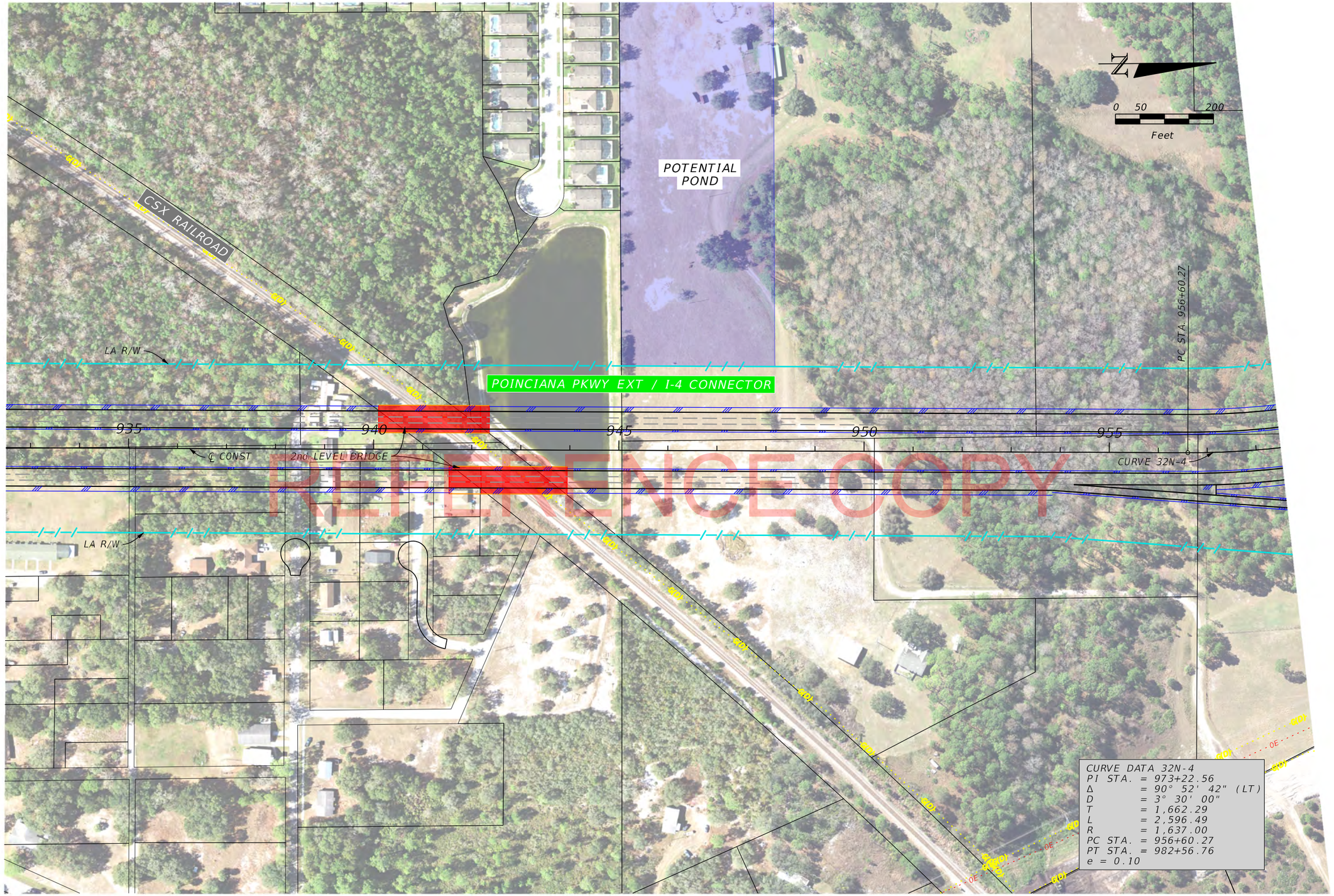
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-6



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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-7

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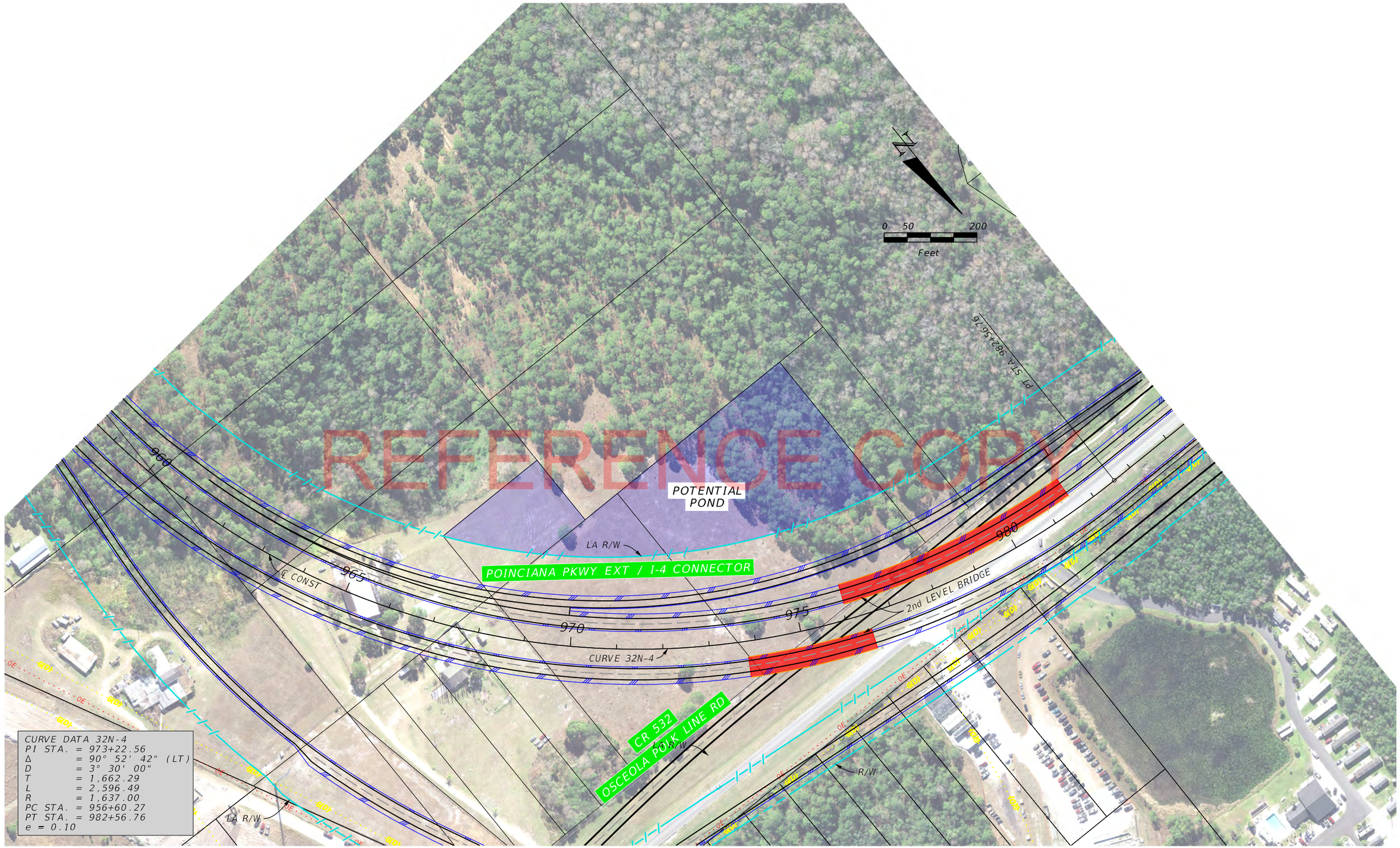

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
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Alternative 3-2N

SHEET NO.
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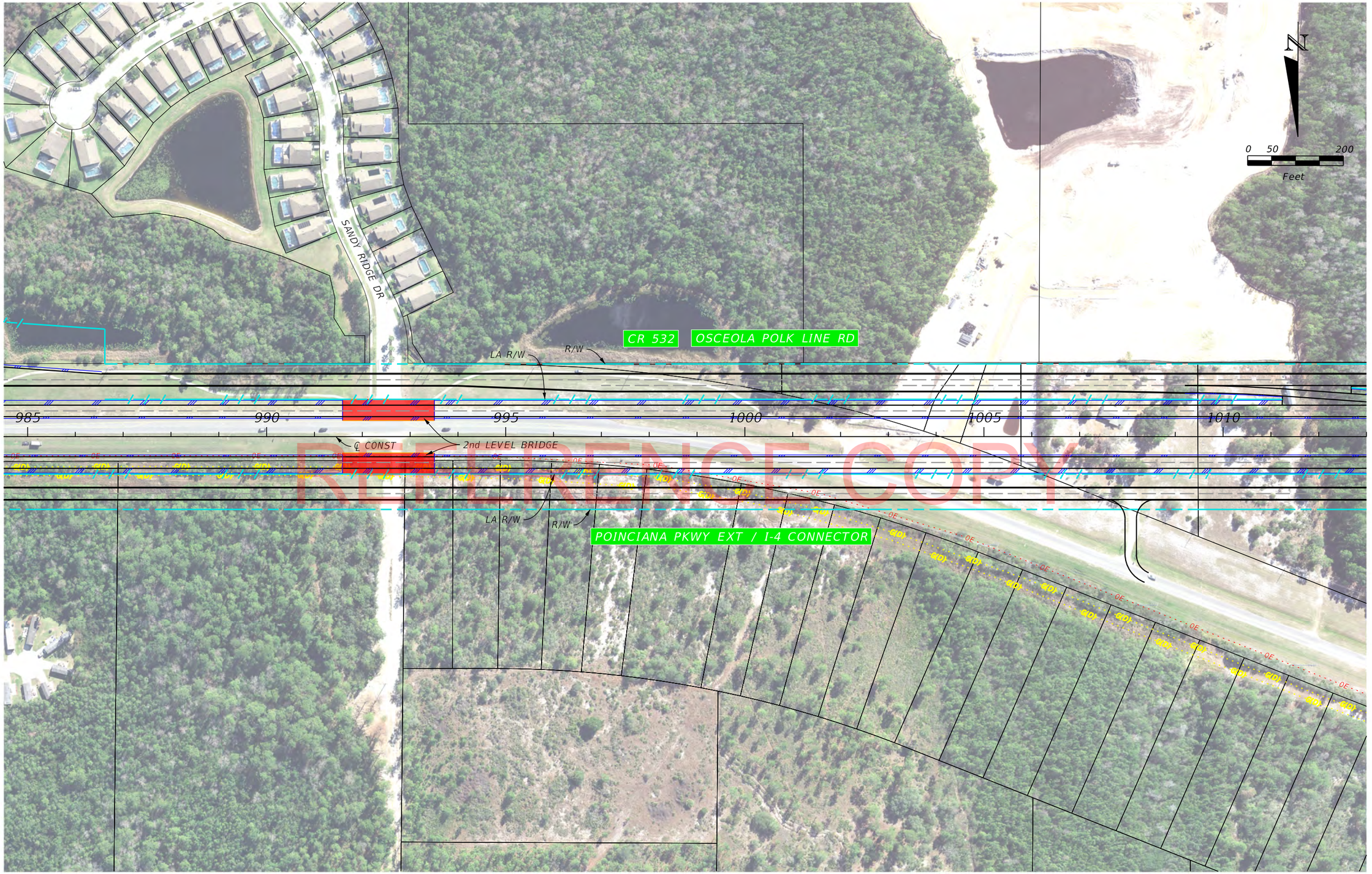

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-9

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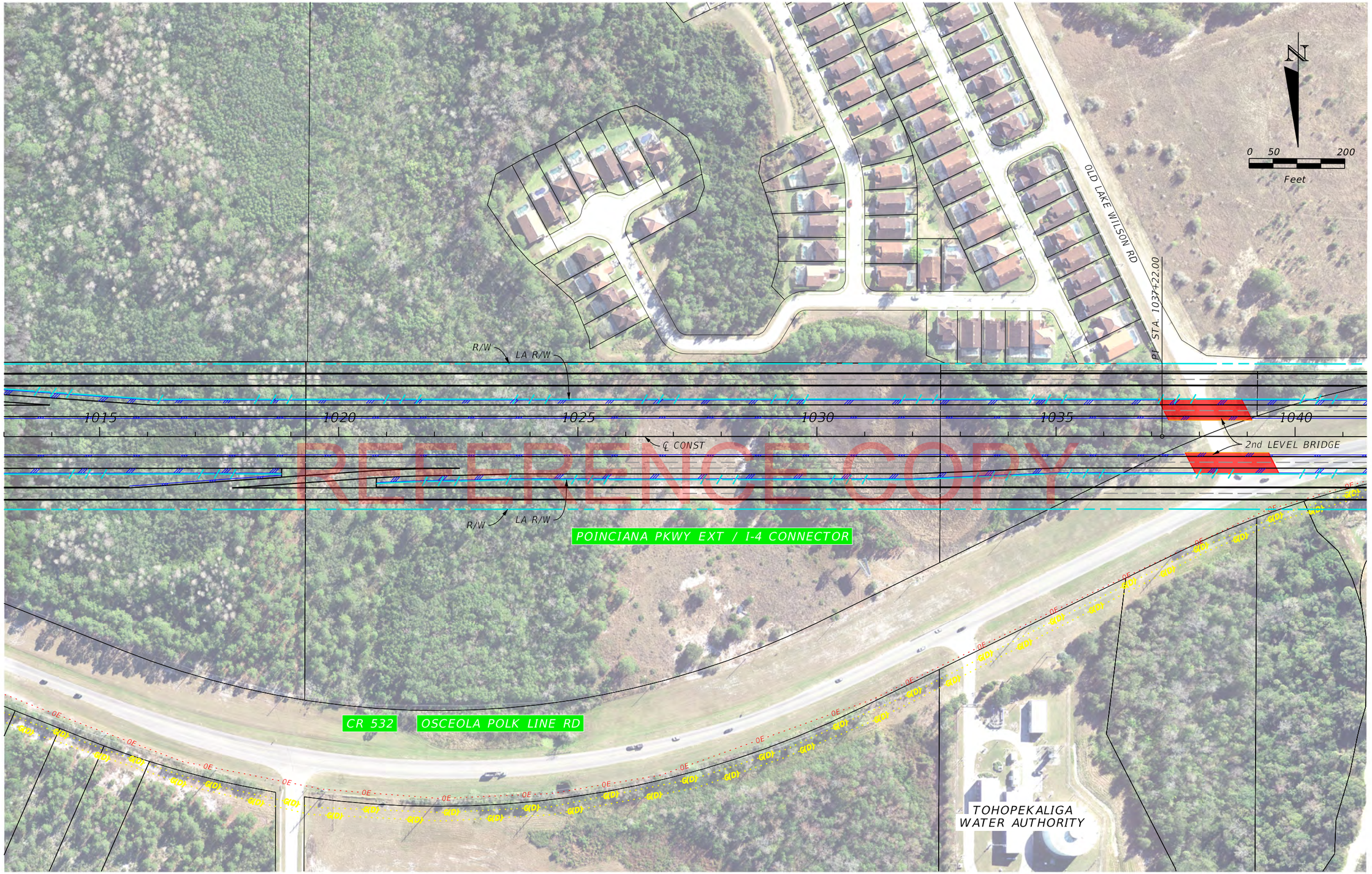

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-10

REFERENCE COPY

CR 532 OSCEOLA POLK LINE RD

POINCIANA PKWY EXT / I-4 CONNECTOR

POTENTIAL POND

R/W

LA R/W

℄ CONST

P1 STA. 1059+91.66

1045 1050 1055 1060 1065 10

N

0 50 200

Feet

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.

32N-11

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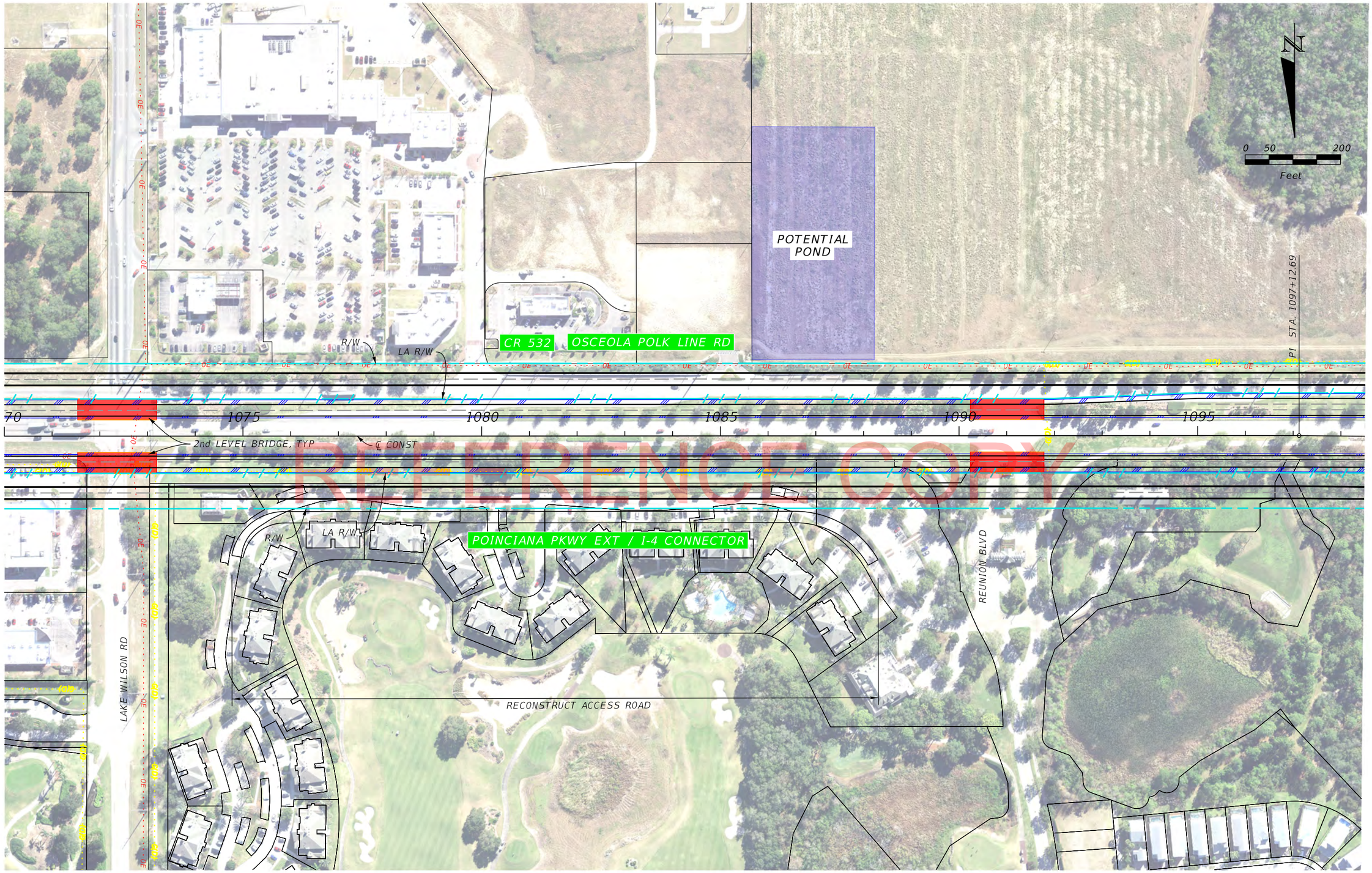

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-12

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LEGEND

- RETAINING WALL AREA
- 2ND LEVEL BRIDGE
- 3RD LEVEL BRIDGE
- 4TH LEVEL BRIDGE
- 5TH LEVEL BRIDGE

DUKE ENERGY

CR 532 OSCEOLA POLK LINE RD

POINCIANA PKWY EXT / I-4 CONNECTOR

R/W

LA R/W

PI STA. 1108+00.18

℄ CONST

℄ RAMP C

℄ RAMP A

CURVE RAMPC5

CURVE RAMPC4

CURVE RAMPA1

CURVE 32N-5

POT

PI

PT

PC

PC STA. 1116+38.83

PT STA. 1126+89.35

1100 1105 1110 1115 1120 1125

375 370 365 100 105

0 50 200

Feet

N

REFERENCE COPY

CURVE DATA 32N-5
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Δ = 10° 56' 38" (RT)
D = 1° 02' 30"
T = 526.87
L = 1,050.52
R = 5,500.00
PC STA. = 1116+38.83
PT STA. = 1126+89.35
e = 0.039

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.

32N-13

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LEGEND
RETAINING WALL AREA
2ND LEVEL BRIDGE
3RD LEVEL BRIDGE
4TH LEVEL BRIDGE
5TH LEVEL BRIDGE

POTENTIAL POND
OAK HILL BAPTIST CHURCH
CR 532
OSCEOLA POLK LINE RD
POINCIANA PKWY EXT / I-4 CONNECTOR
CHAMPIONS GATE BLVD
CURVE RAMPC2
CURVE RAMPC3
CURVE RAMPC4
CURVE RAMPD1
CURVE RAMPB3
CURVE RAMPA2
℄ RAMP C
℄ RAMP B
℄ RAMP A
℄ RAMP D
℄ CONST
LA R/W
R/W
PT
PC
POT
0 50 200
Feet
N

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-14

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REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.

32N-15

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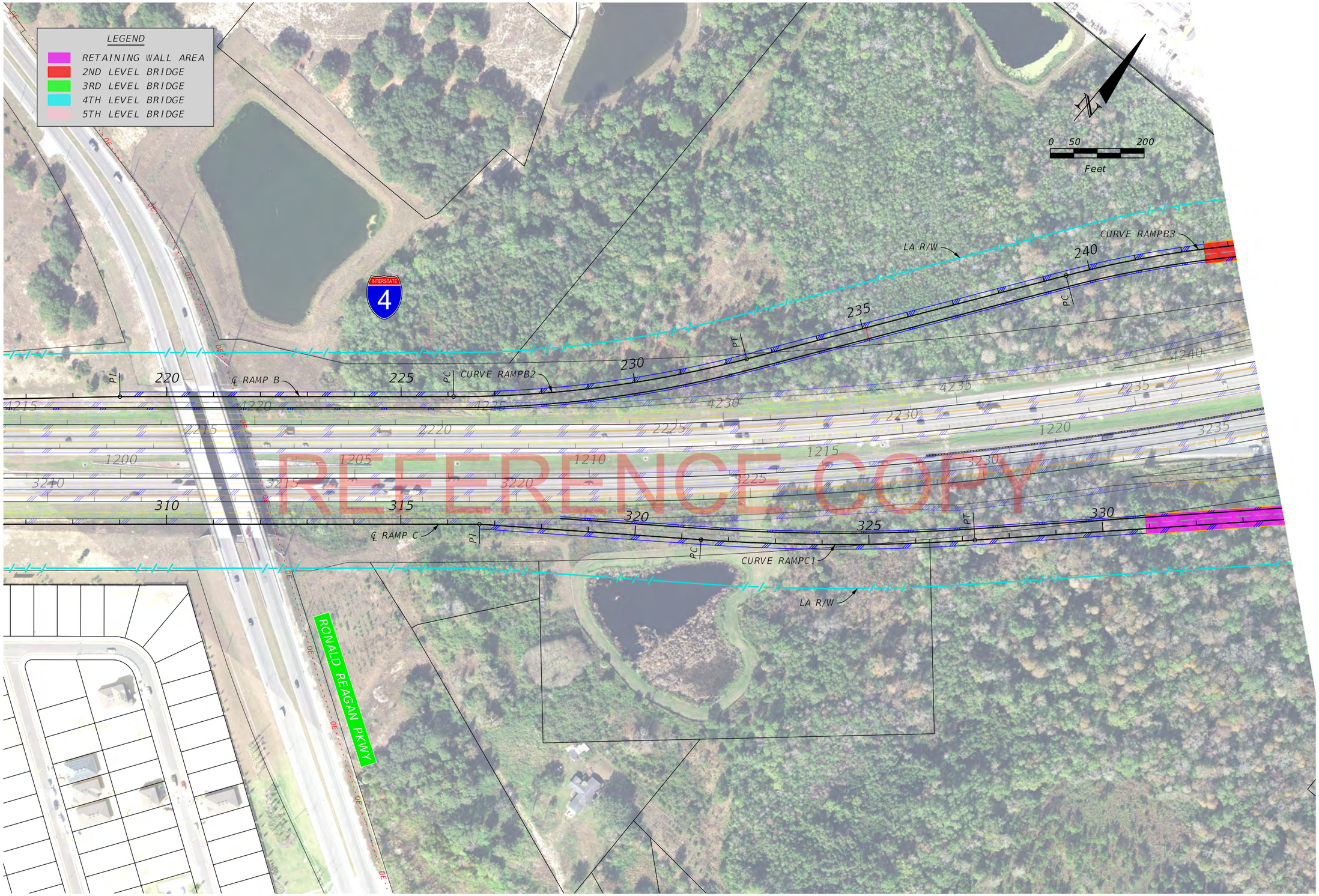

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-16

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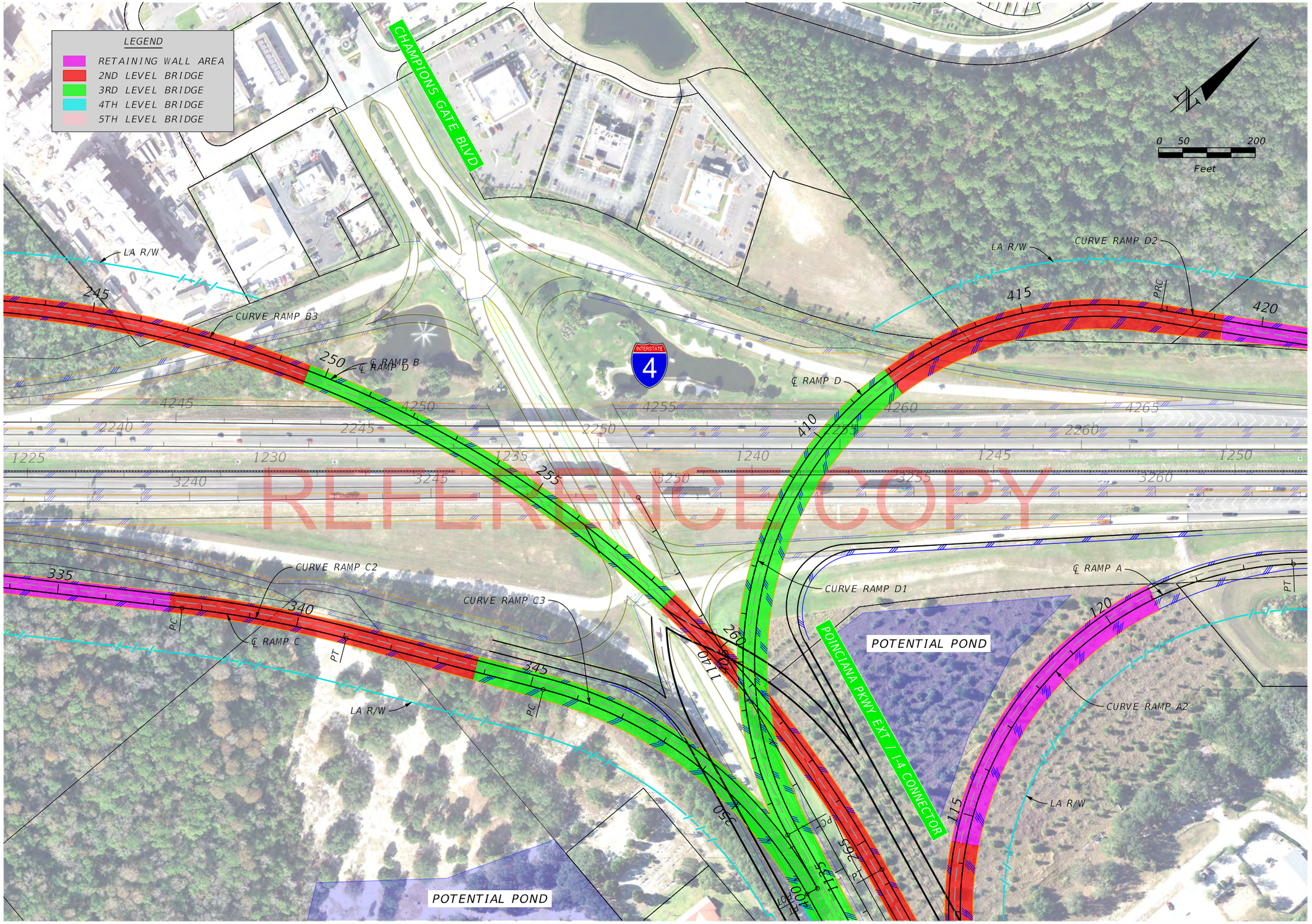

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-17

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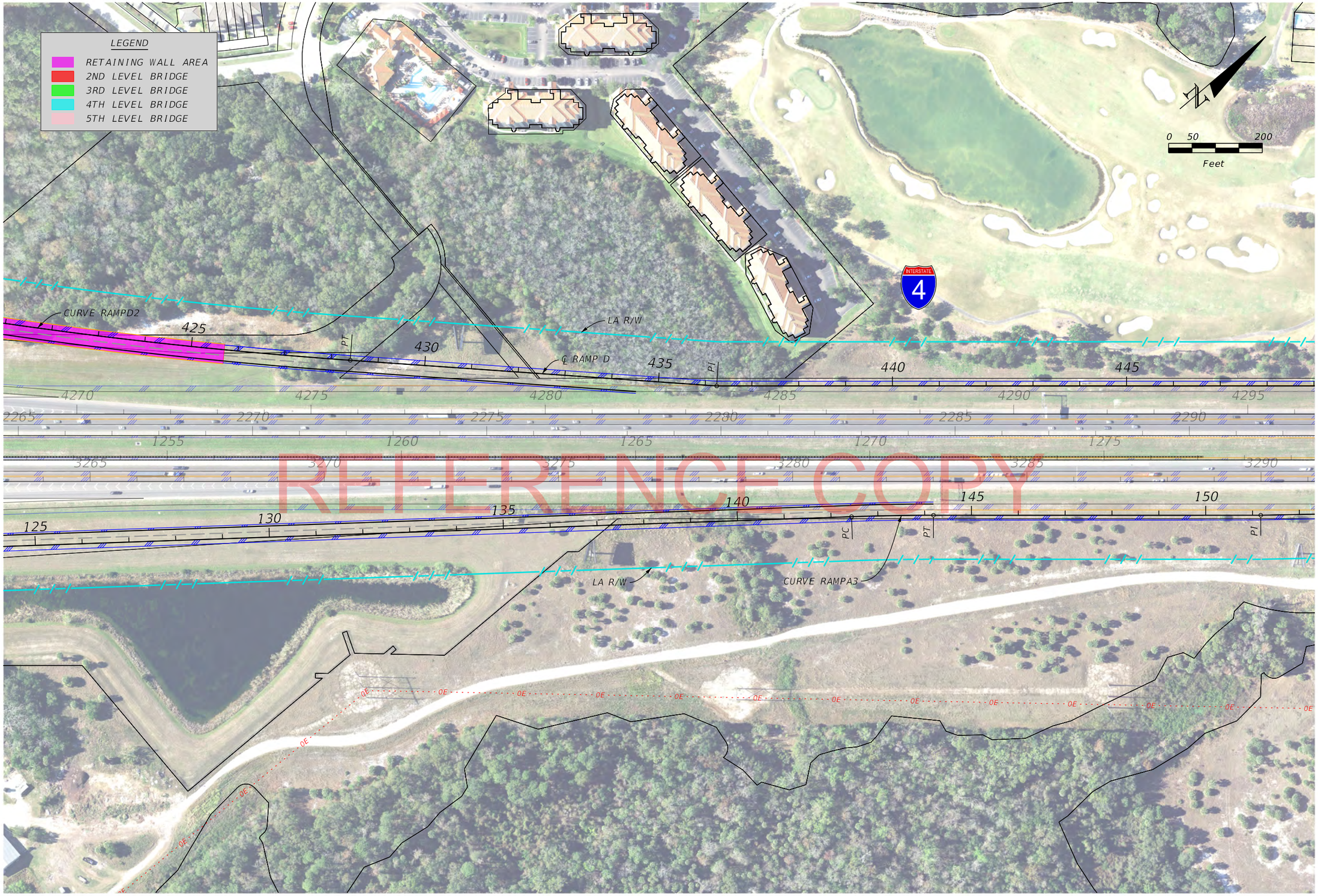

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
32N-18

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

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32N-19

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.

32N-21

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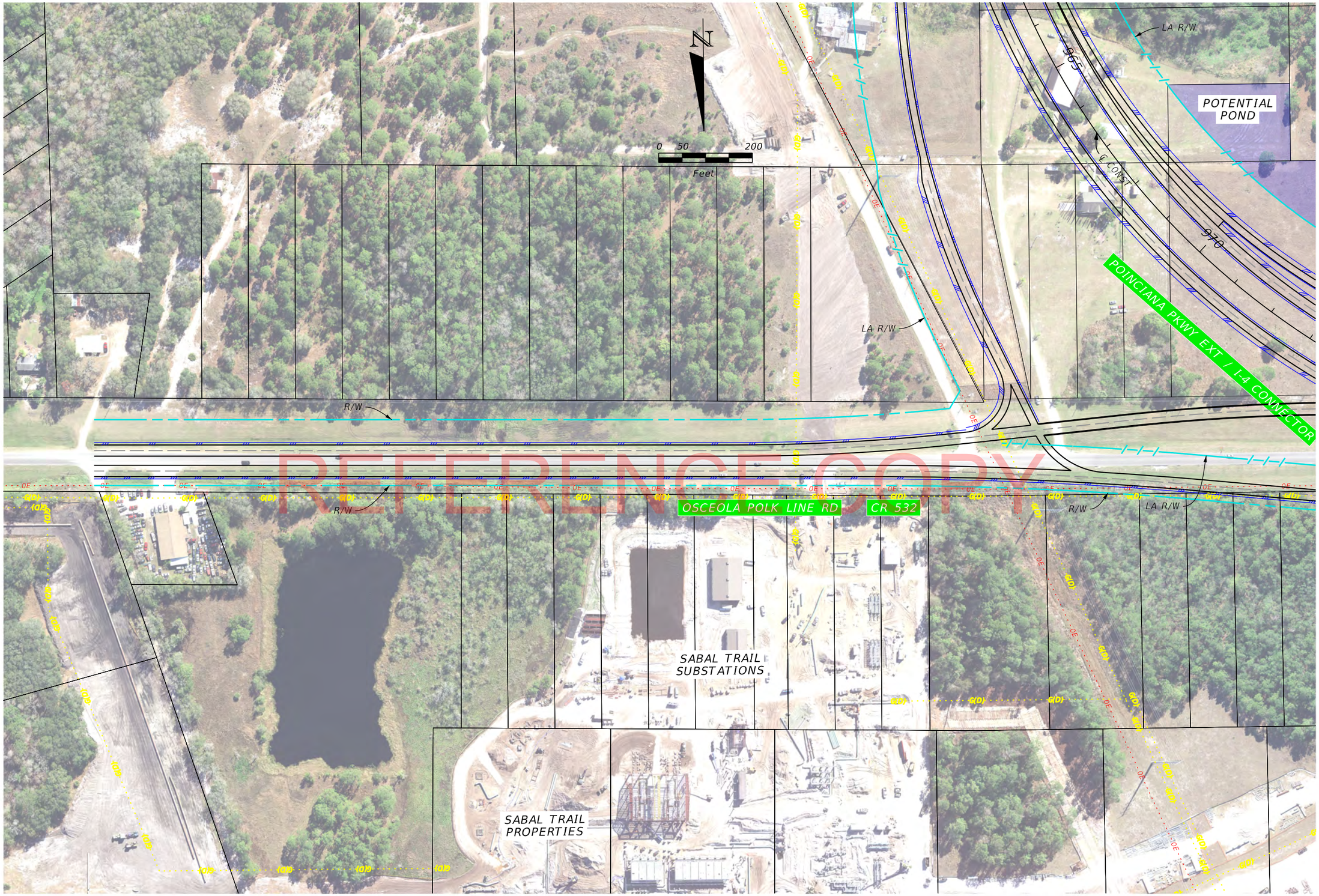

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2N

SHEET NO.

32N-22

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Alternative 3-2N I-4 Interchange at SR 532 ~ Ramp Curve Data

RAMP A

```
CURVE DATA RAMPA1
PI STA. = 105+11.71
Δ       = 4° 25' 06" (RT)
D       = 1° 04' 20"
T       = 206.15
L       = 412.09
R       = 5,344.00
PC STA. = 103+05.56
PT STA. = 107+17.65
e = 0.023

CURVE DATA RAMPA2
PI STA. = 121+09.39
Δ       = 116° 59' 38" (RT)
D       = 8° 00' 48"
T       = 1,166.63
L       = 1,459.98
R       = 715.00
PC STA. = 109+42.76
PT STA. = 124+02.74
e = 0.10

CURVE DATA RAMPA3
PI STA. = 143+31.34
Δ       = 2° 00' 54" (RT)
D       = 1° 09' 05"
T       = 87.50
L       = 174.99
R       = 4,976.00
PC STA. = 142+43.83
PT STA. = 144+18.82
e = 0.024
```

RAMP B

```
CURVE DATA RAMPB1
PI STA. = 209+06.84
Δ       = 1° 29' 37" (LT)
D       = 0° 14' 21"
T       = 312.21
L       = 624.38
R       = 23,952.00
PC STA. = 205+94.63
PT STA. = 212+19.01
e = NC

CURVE DATA RAMPB2
PI STA. = 229+29.75
Δ       = 14° 37' 49" (LT)
D       = 2° 18' 51"
T       = 317.85
L       = 632.23
R       = 2,476.00
PC STA. = 226+11.91
PT STA. = 232+44.14
e = 0.046

CURVE DATA RAMPB3
PI STA. = 254+21.47
Δ       = 65° 16' 38" (RT)
D       = 2° 29' 28"
T       = 1,473.10
L       = 2,620.40
R       = 2,300.00
PC STA. = 239+48.37
PT STA. = 265+68.77
e = 0.049
```

RAMP C

```
CURVE DATA RAMPC1
PI STA. = 324+34.53
Δ       = 7° 50' 16" (LT)
D       = 1° 20' 26"
T       = 292.78
L       = 584.66
R       = 4,274.00
PC STA. = 321+41.74
PT STA. = 327+26.40
e = 0.028

CURVE DATA RAMPC2
PI STA. = 339+33.10
Δ       = 8° 00' 26" (RT)
D       = 2° 18' 51"
T       = 173.29
L       = 346.02
R       = 2,476.00
PC STA. = 337+59.81
PT STA. = 341+05.83
0.046

CURVE DATA RAMPC3
PI STA. = 349+03.23
Δ       = 46° 28' 40" (RT)
D       = 6° 32' 26"
T       = 376.16
L       = 710.60
R       = 876.00
PC STA. = 345+27.07
PT STA. = 352+37.67
e = 0.095

CURVE DATA RAMPC4
PI STA. = 362+70.80
Δ       = 8° 11' 15" (LT)
D       = 1° 25' 14"
T       = 288.64
L       = 576.29
R       = 4,032.94
PC STA. = 359+82.16
PT STA. = 365+58.45
e = 0.03

CURVE DATA RAMPC5
PI STA. = 368+01.11
Δ       = 5° 02' 56" (LT)
D       = 1° 02' 28"
T       = 242.66
L       = 485.01
R       = 5,504.00
PC STA. = 365+58.45
PT STA. = 370+43.46
e = 0.022
```

RAMP D

```
CURVE DATA RAMPD1
PI STA. = 416+72.92
Δ       = 128° 55' 24" (RT)
D       = 7° 45' 11"
T       = 1,546.68
L       = 1,662.85
R       = 739.00
PC STA. = 401+26.24
PT STA. = 417+89.09
e = 0.10

CURVE DATA RAMPD2
PI STA. = 423+15.26
Δ       = 5° 54' 53" (LT)
D       = 0° 33' 45"
T       = 526.17
L       = 1,051.40
R       = 10,185.02
PC STA. = 417+89.09
PT STA. = 428+40.49
e = NC
```

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

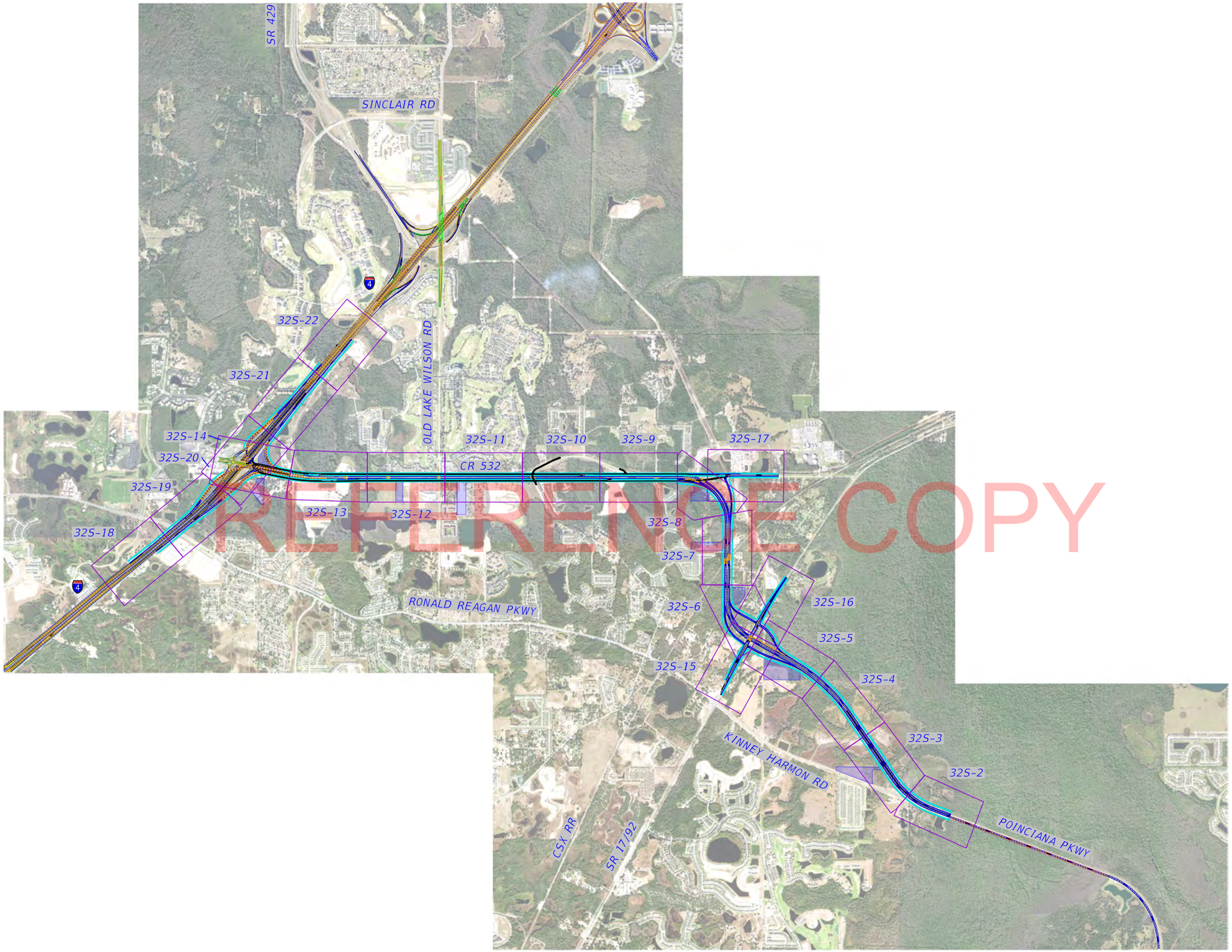
Alternative 3-2N

SHEET NO.
32N-23

APPENDIX Q

Concept Plans for Alternative 3-2 South

REFERENCE COPY



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-1

Bill.Lemos 3/21/2018 1:03:23 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\play3-2S.dgn

SEE POINCIANA PARKWAY EXPANSION PLANS FOR CONTINUATION

STATION EQUATION
PC STA. 809+25.00
℄ CONST ALT 2A-1 =
POT STA. 809+25.00
℄ CONST ALT 3-2S

DEMO EXIST KINNEY HARMON RD

LA R/W

POINCIANA PKWY EXT / I-4 CONNECTOR

2nd LEVEL BRIDGE

EXIST R/W

POINCIANA PKWY

800 805 810 815 820 825

℄ CONST

CURVE 32S-1

EXIST R/W

ORIGINAL POINCIANA PARKWAY ℄ ALIGNMENT USED FOR CONTINUITY WITH RECENTLY CONSTRUCTED PROJECT

LA R/W

PC STA. 816+16.00

N

0 50 200
Feet

REFERENCE COPY

CURVE DATA 32S-1
PI STA. = 825+58.31
Δ = 34° 52' 31" (RT)
D = 1° 54' 35"
T = 942.31
L = 1,826.07
R = 3,000.00
PC STA. = 816+16.00
PT STA. = 834+42.07
e = 0.068

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-2

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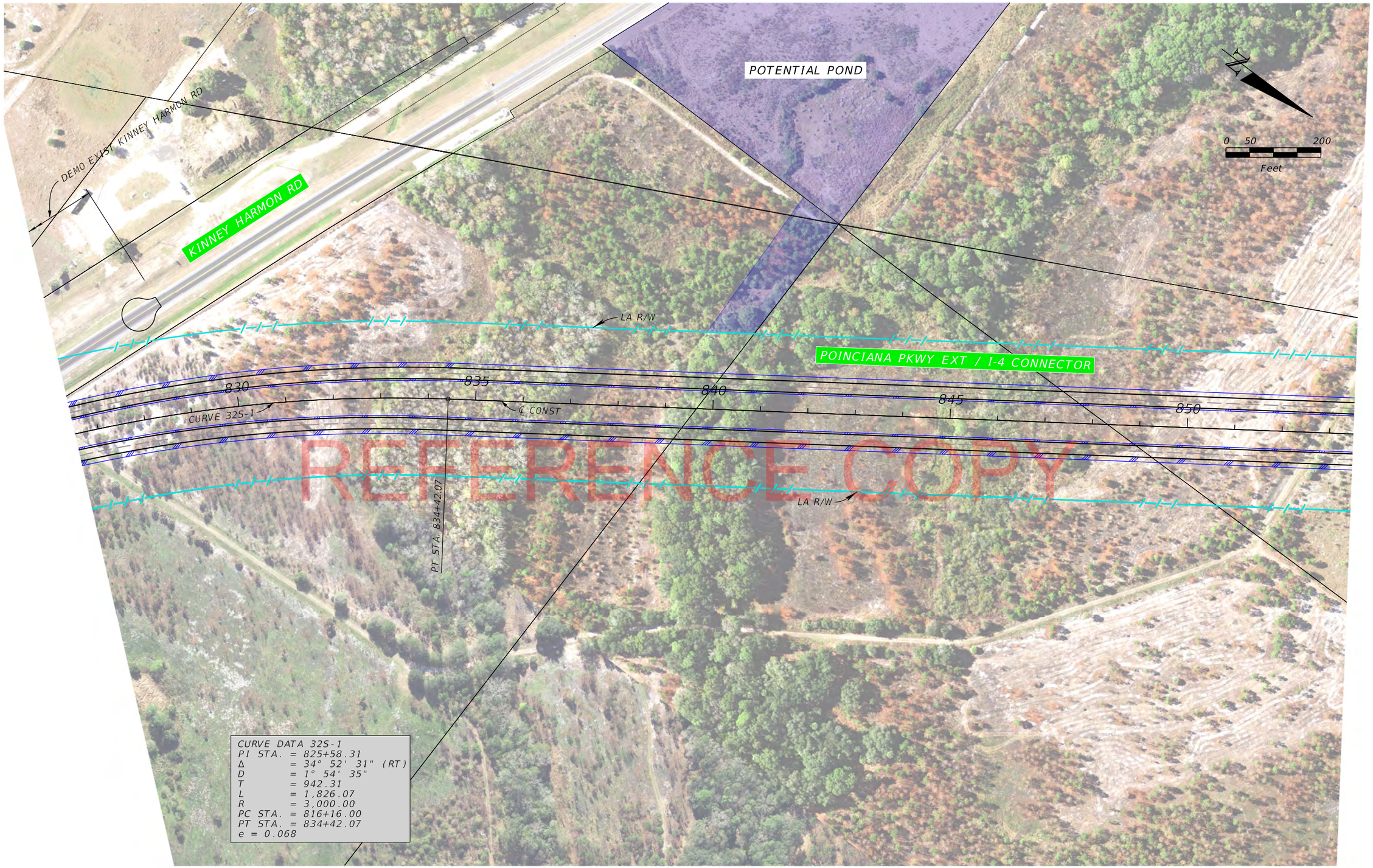


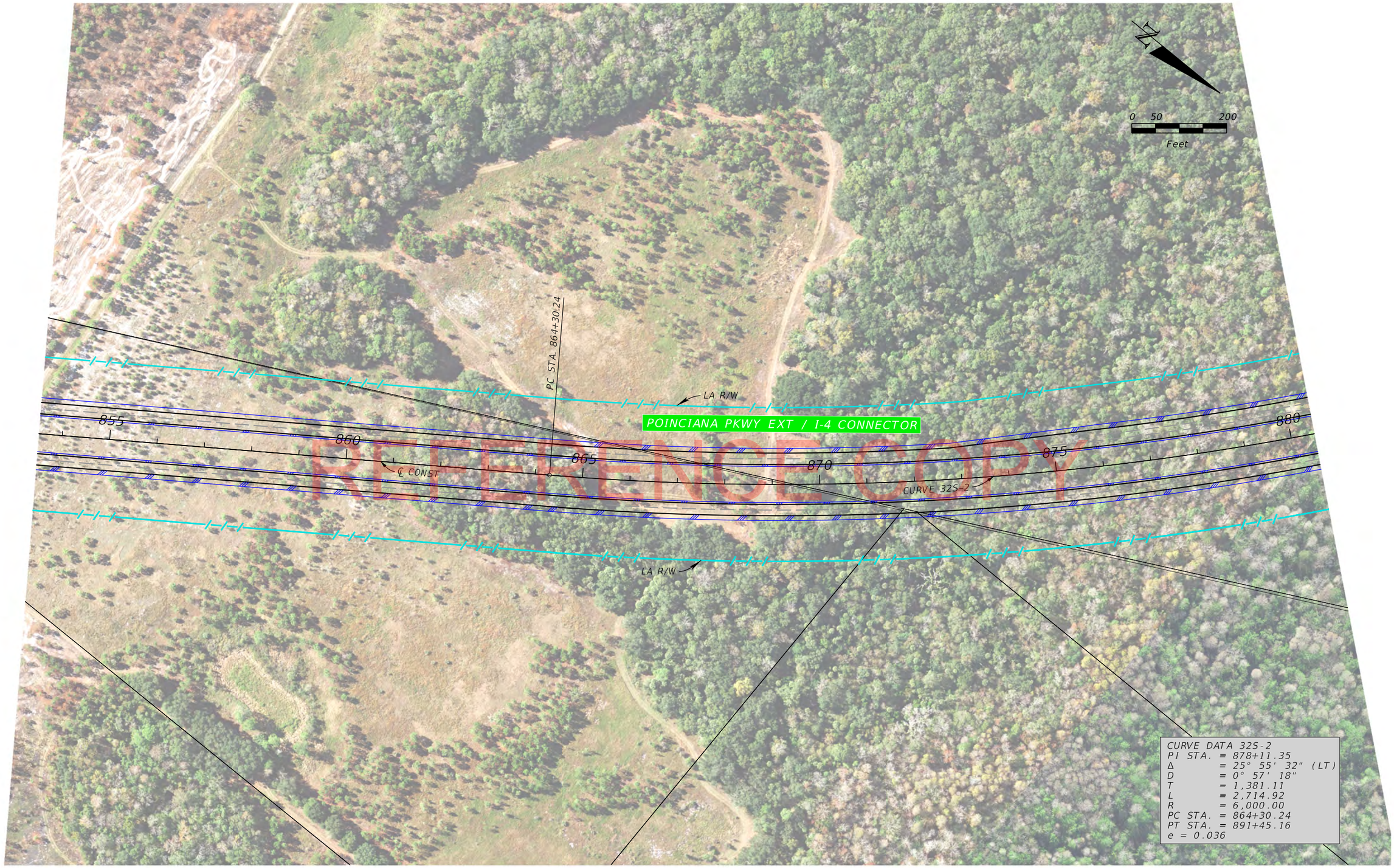
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-3



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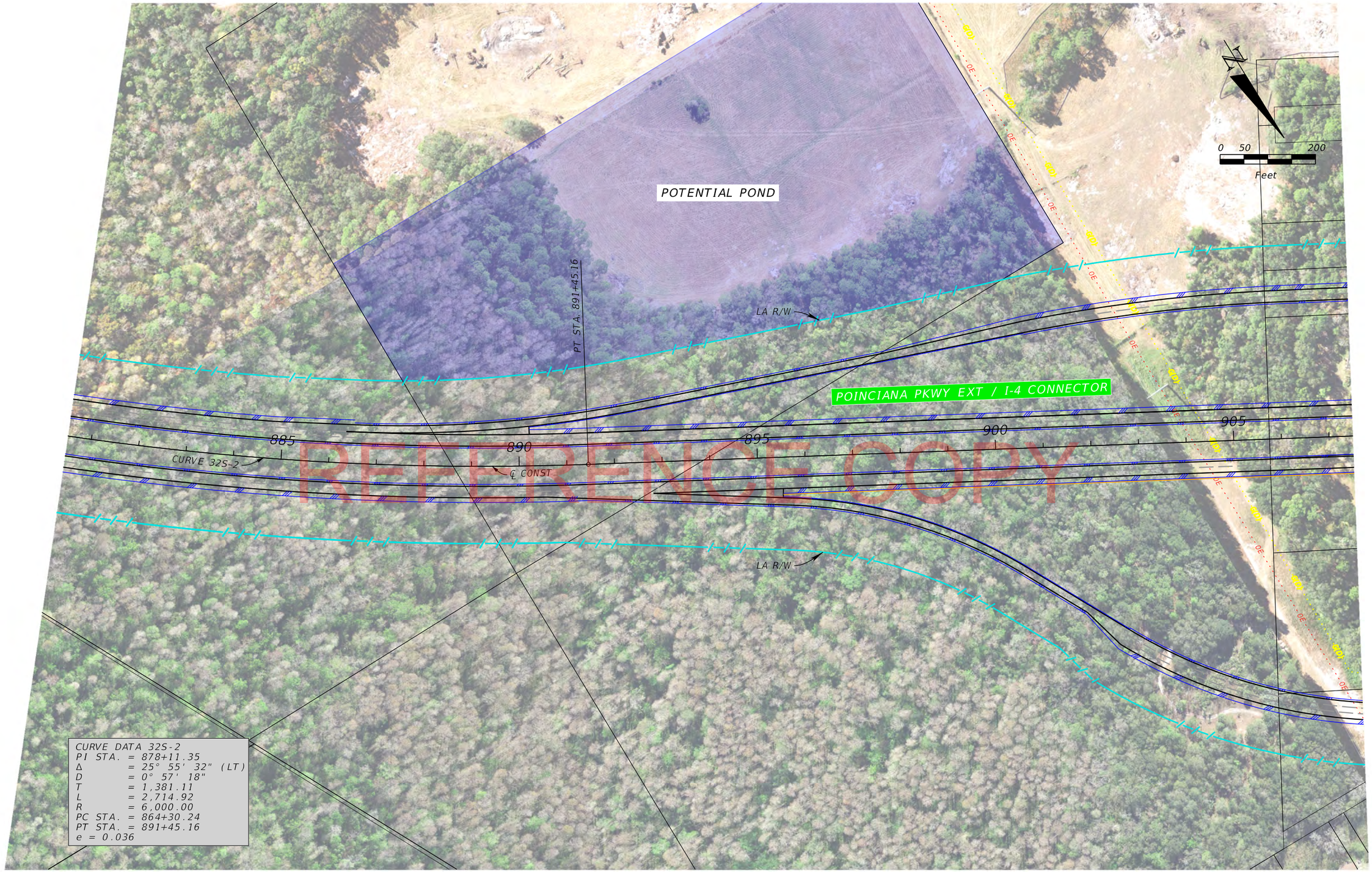
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-4



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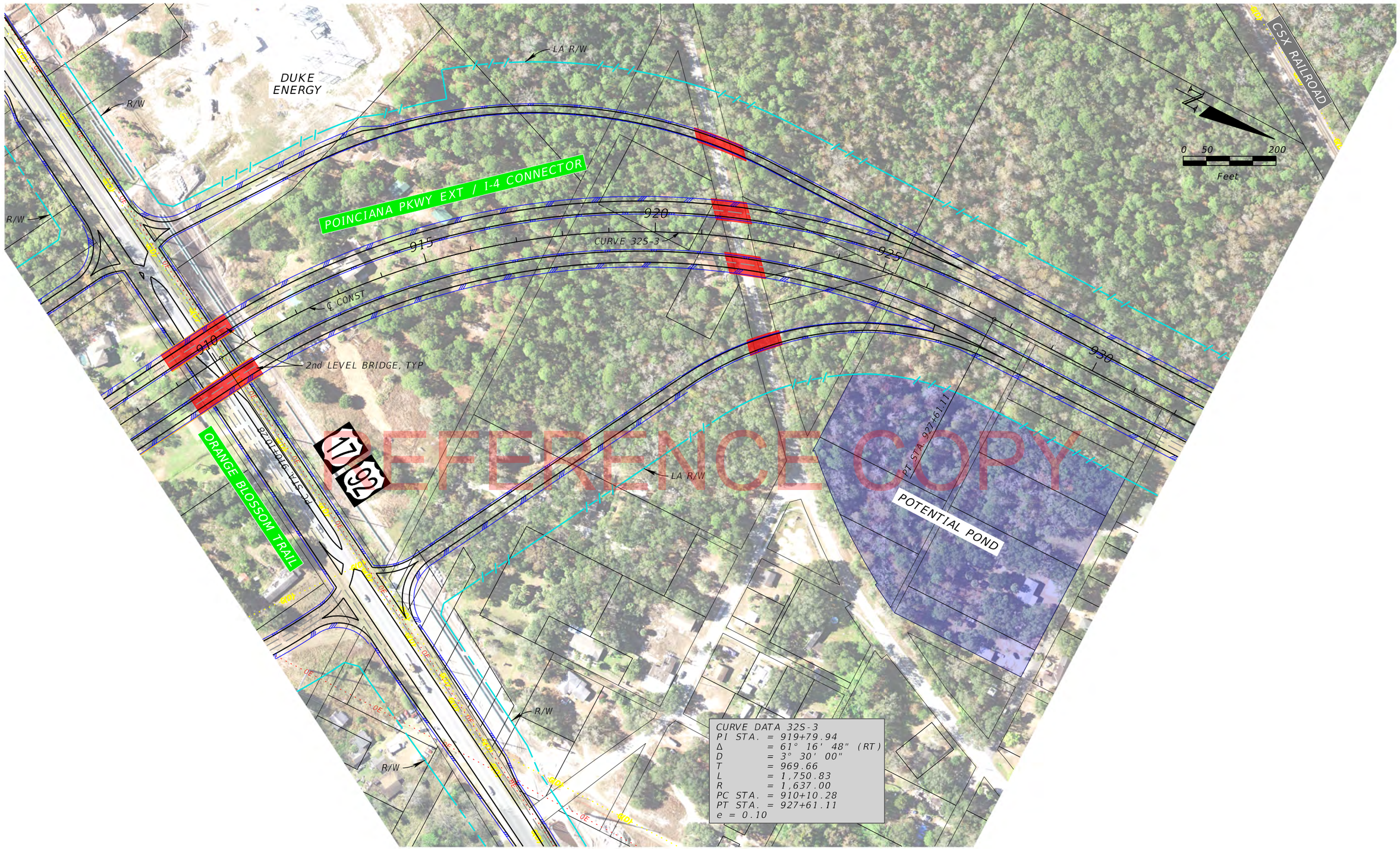
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-5



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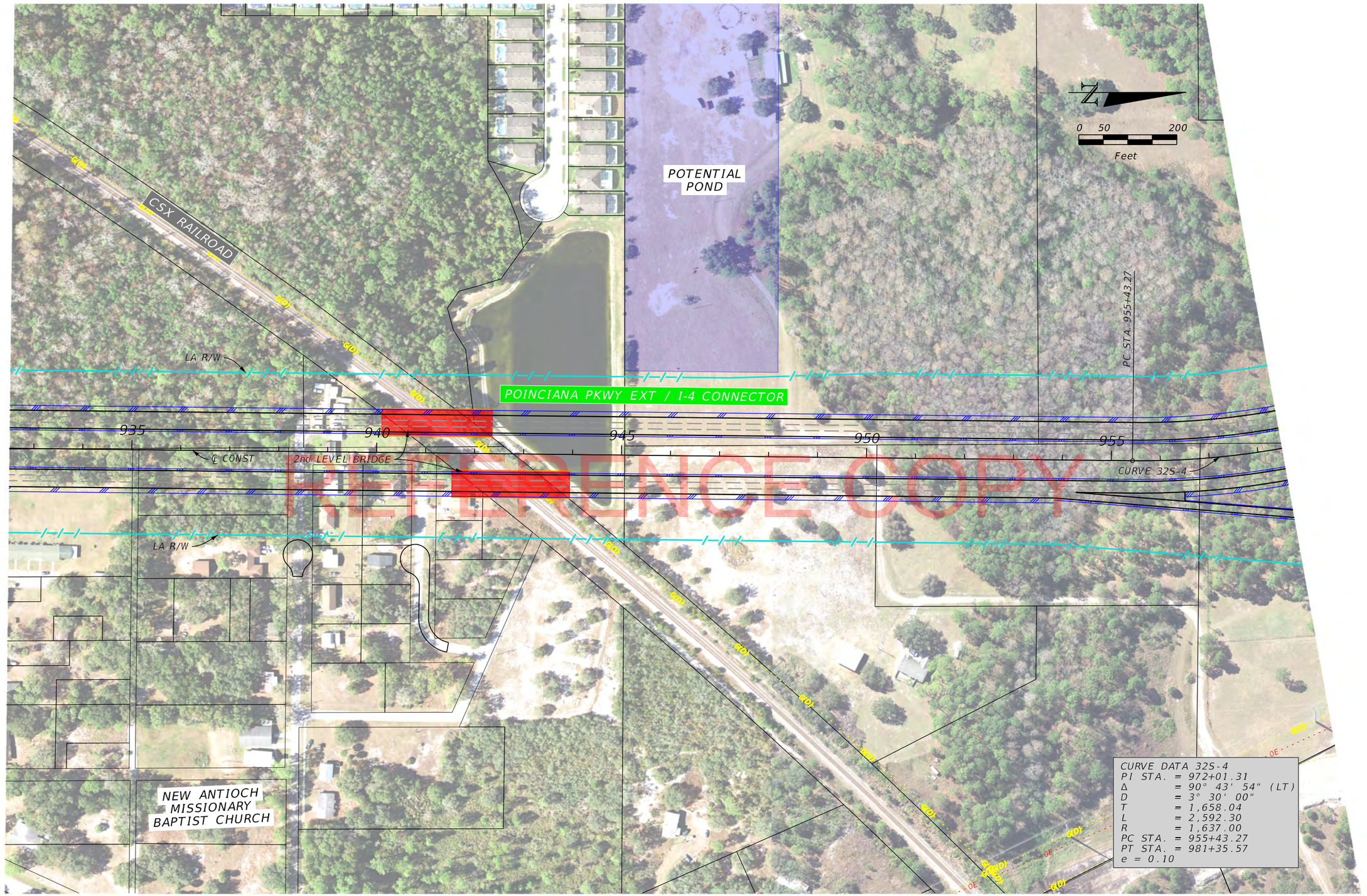
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-6



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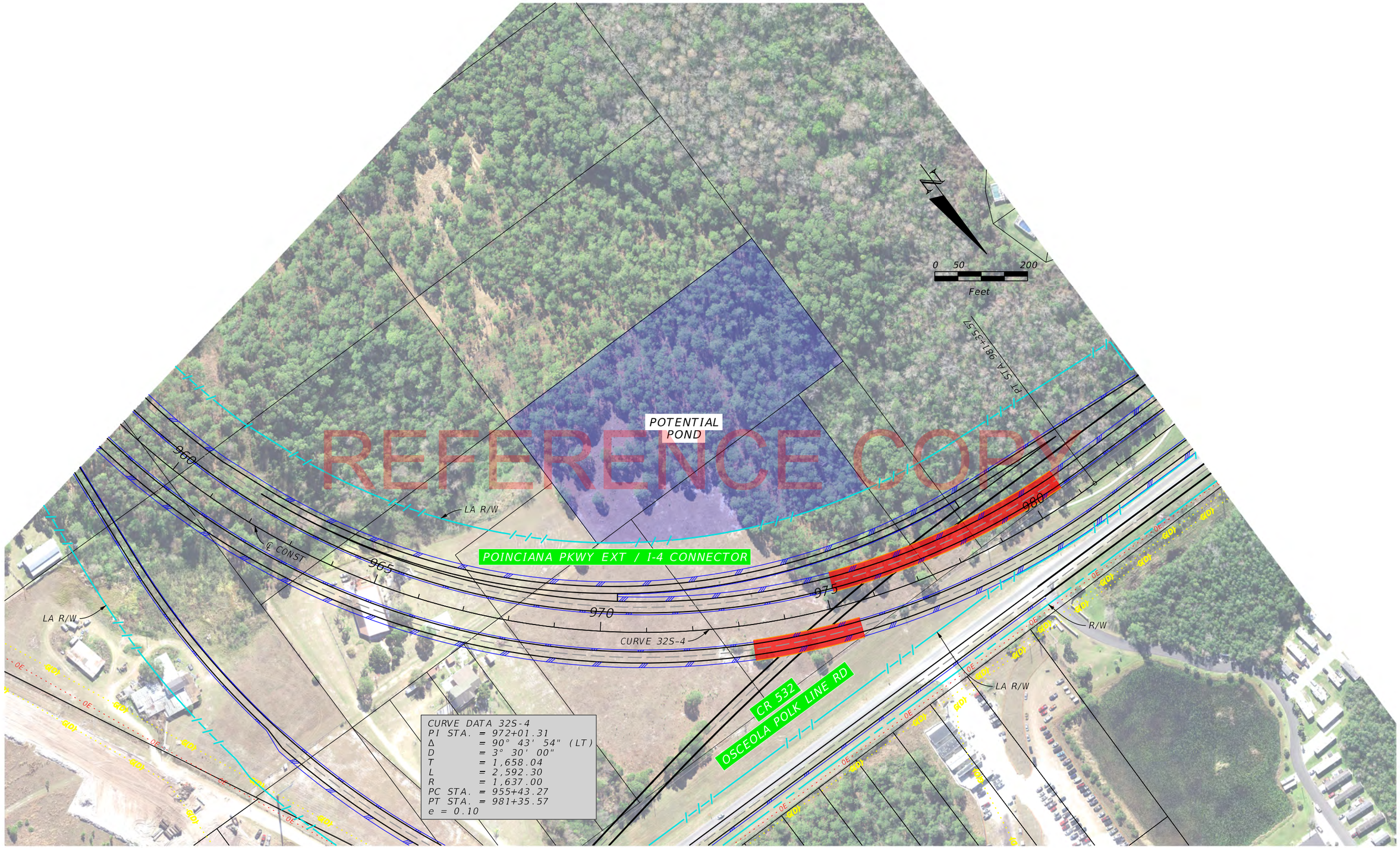
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-7



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-8

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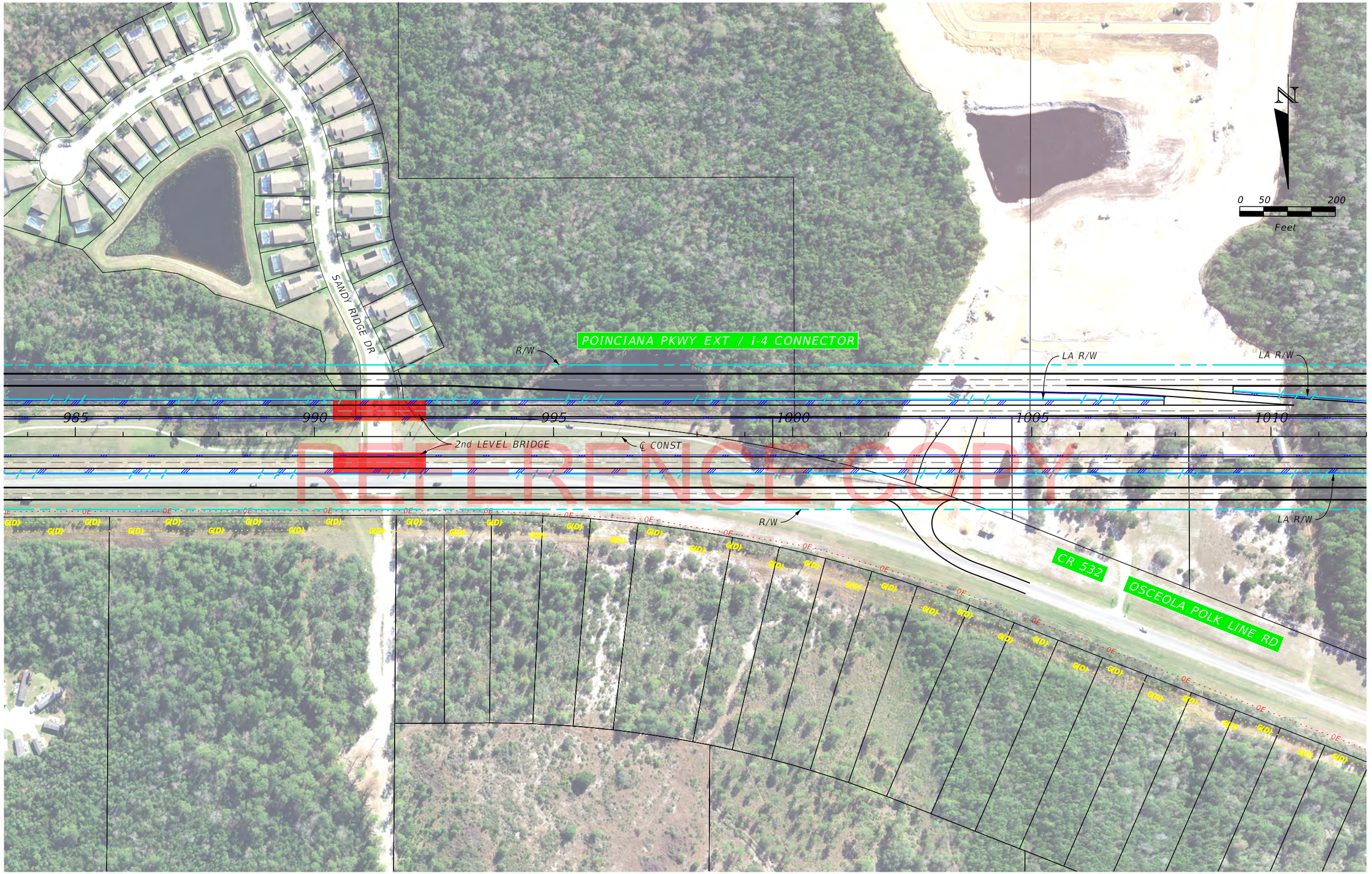

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-9

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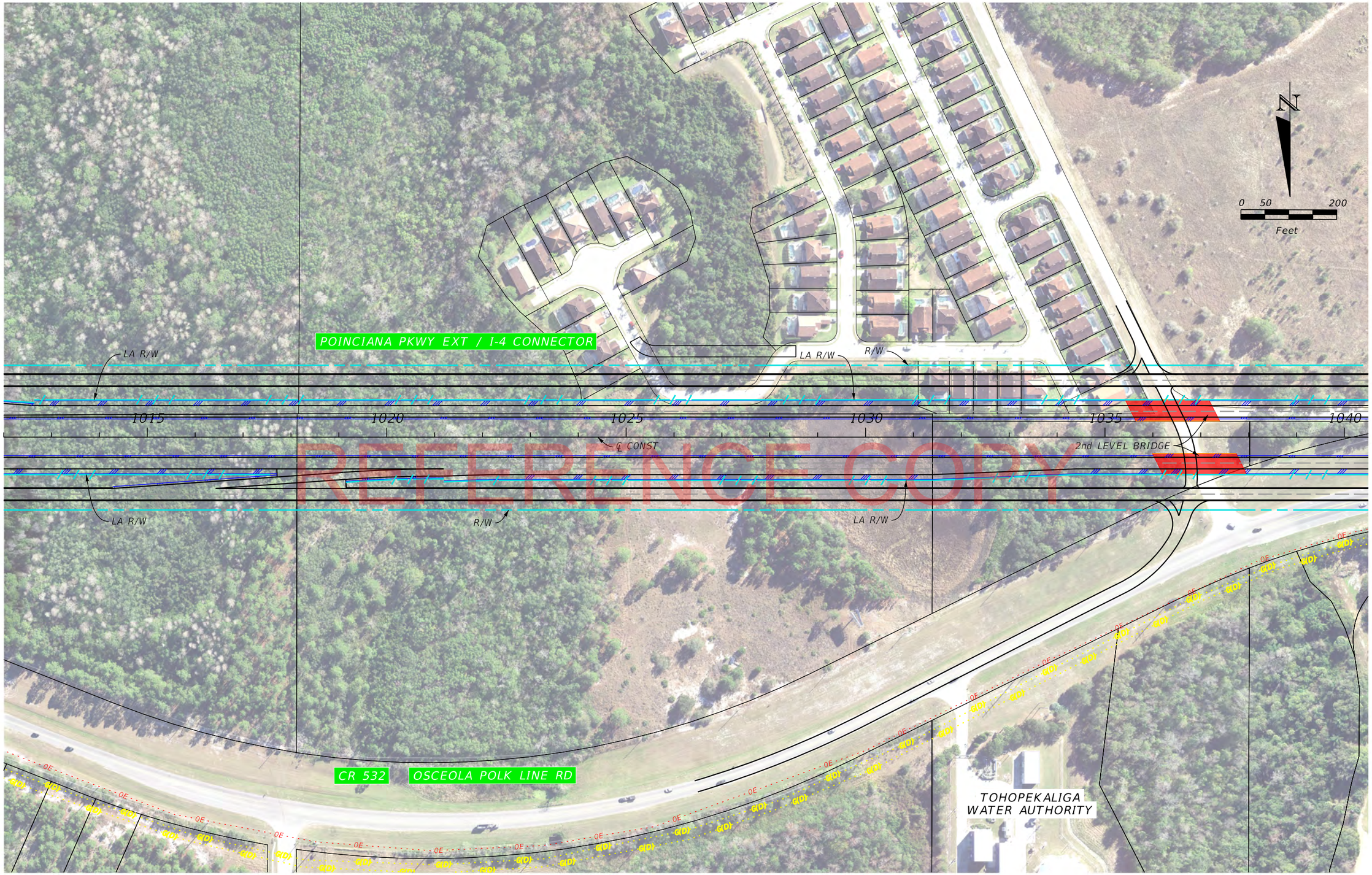

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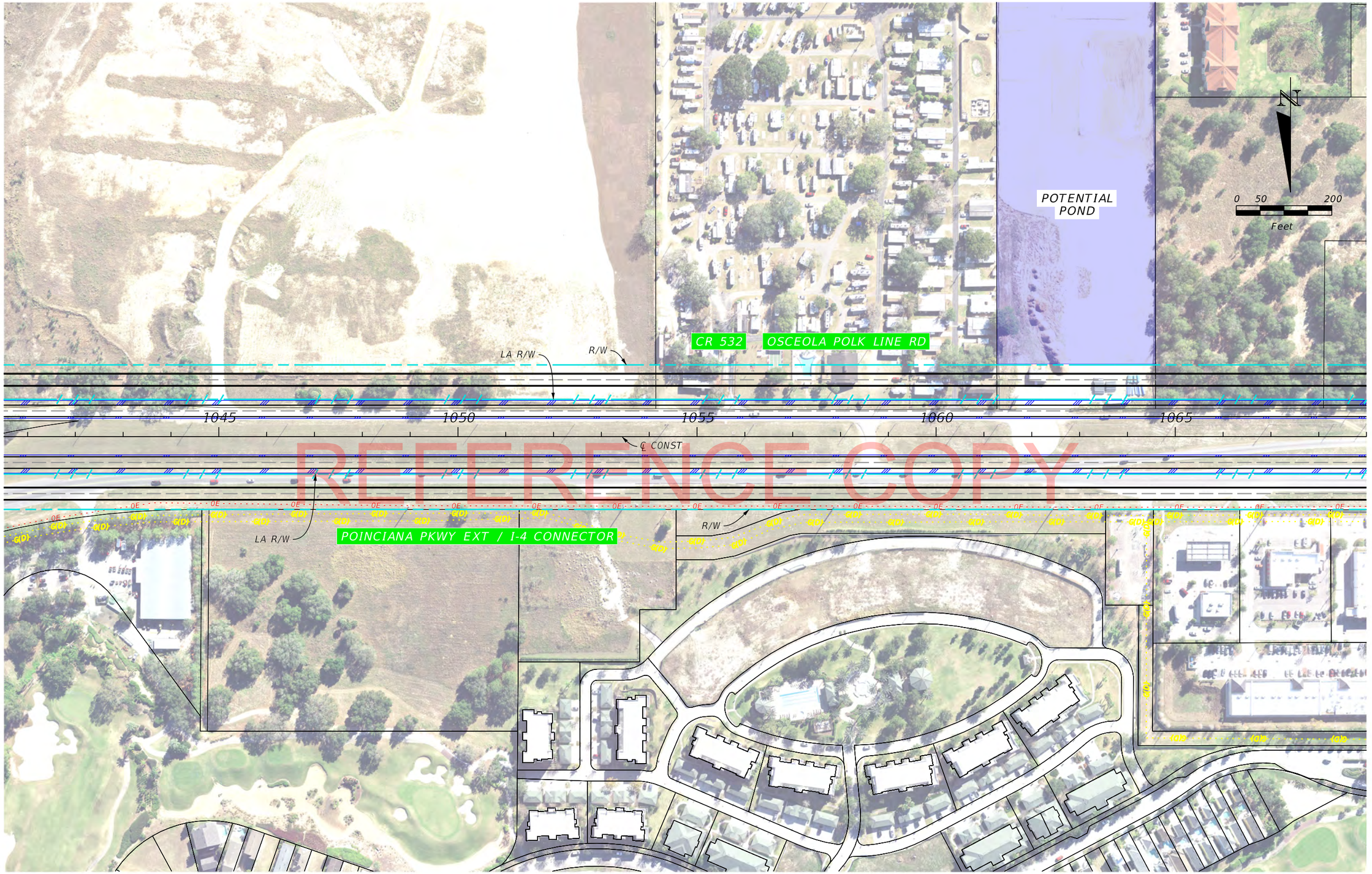
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-10



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

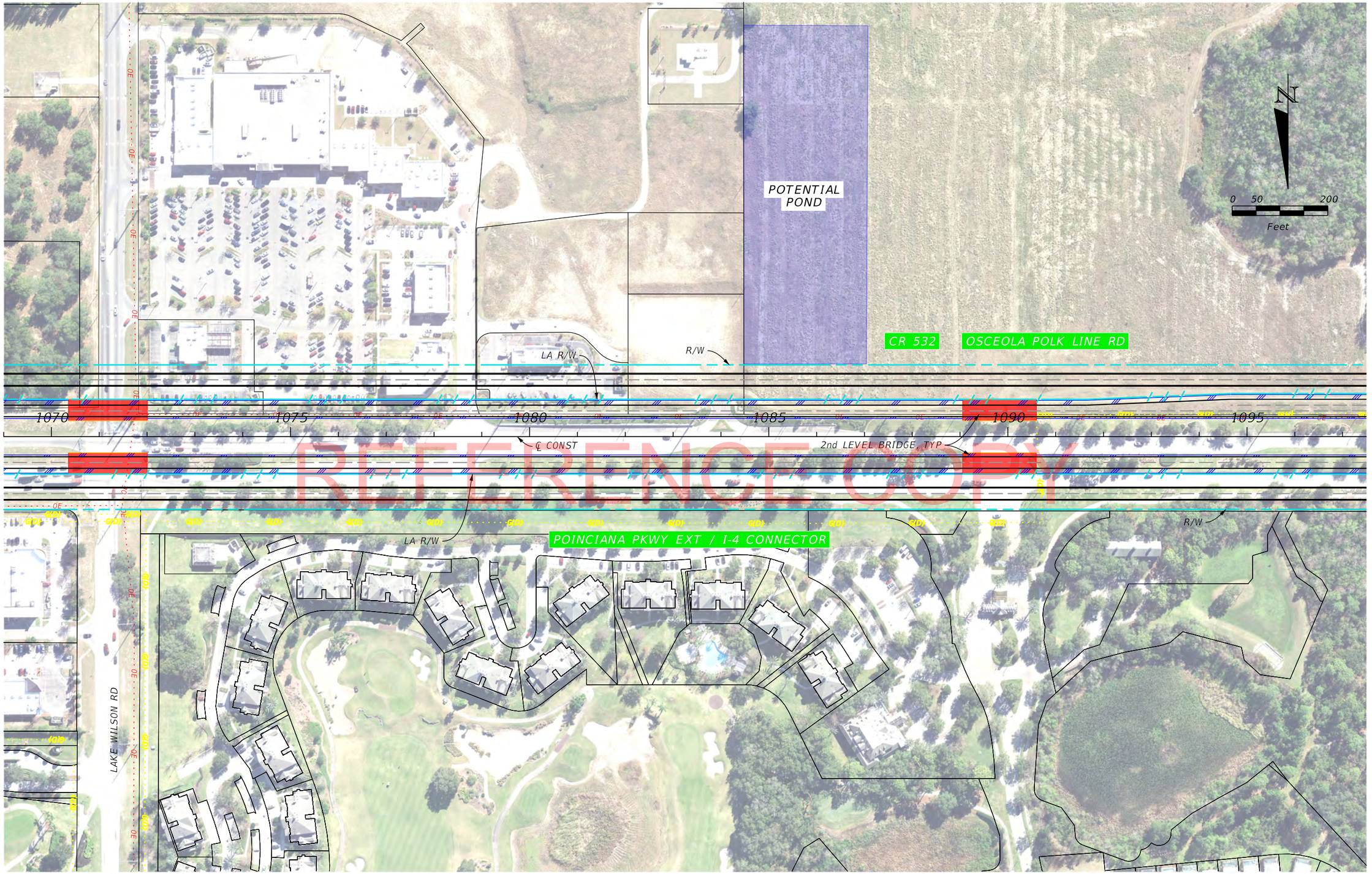
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-11

Bill.Lemos 3/21/2018 1:16:12 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-2S-23.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-12

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LEGEND

- RETAINING WALL AREA
- 2ND LEVEL BRIDGE
- 3RD LEVEL BRIDGE
- 4TH LEVEL BRIDGE
- 5TH LEVEL BRIDGE

N

0 50 200

Feet

CR 532 OSCEOLA POLK LINE RD

POINCIANA PKWY EXT / I-4 CONNECTOR

℄ RAMP C

R/W

LA R/W

PI STA. 1108+10.29

CURVE RAMPC4

CURVE RAMPC3

POT

PT

PCC

℄ CONST

℄ RAMP A

PC

CURVE 32S-5

CURVE RAMPA1

PC STA. 1115+84.40

1100 1105 1110 1115 1120 1125

375 370 365 360

100 105

REFERENCE COPY

CURVE DATA 32S-5
PI STA. = 1121+14.66
Δ = 10° 54' 40" (RT)
D = 1° 01' 55"
T = 530.26
L = 1,057.30
R = 5,552.00
PC STA. = 1115+84.40
PT STA. = 1126+41.71
e = 0.038

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.

32S-13

Bill.Lemos 3/21/2018 1:18:32 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-2S-25.dgn

LEGEND
RETAINING WALL AREA
2ND LEVEL BRIDGE
3RD LEVEL BRIDGE
4TH LEVEL BRIDGE
5TH LEVEL BRIDGE

POTENTIAL POND

CR 532 OSCEOLA POLK LINE RD

POINCIANA PKWY EXT / I-4 CONNECTOR

OAK HILL BAPTIST CHURCH

CHAMPIONS GATE BLVD

CURVE RAMPC1

CURVE RAMPC2

CURVE RAMPC3

CURVE RAMPB3

CURVE RAMPA2

CURVE RAMPD1

CURVE 32S-5

℄ RAMP A

℄ RAMP B

℄ RAMP C

℄ RAMP D

℄ CONST

LA R/W

R/W

PRC

PC

PT

POT

PT STA. 1126+41.71

CURVE DATA 32S-5
PI STA. = 1121+14.66
Δ = 10° 54' 40" (RT)
D = 1° 01' 55"
T = 530.26
L = 1,057.30
R = 5,552.00
PC STA. = 1115+84.40
PT STA. = 1126+41.71
e = 0.038

0 50 200
Feet

N

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-14

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REFERENCE COPY

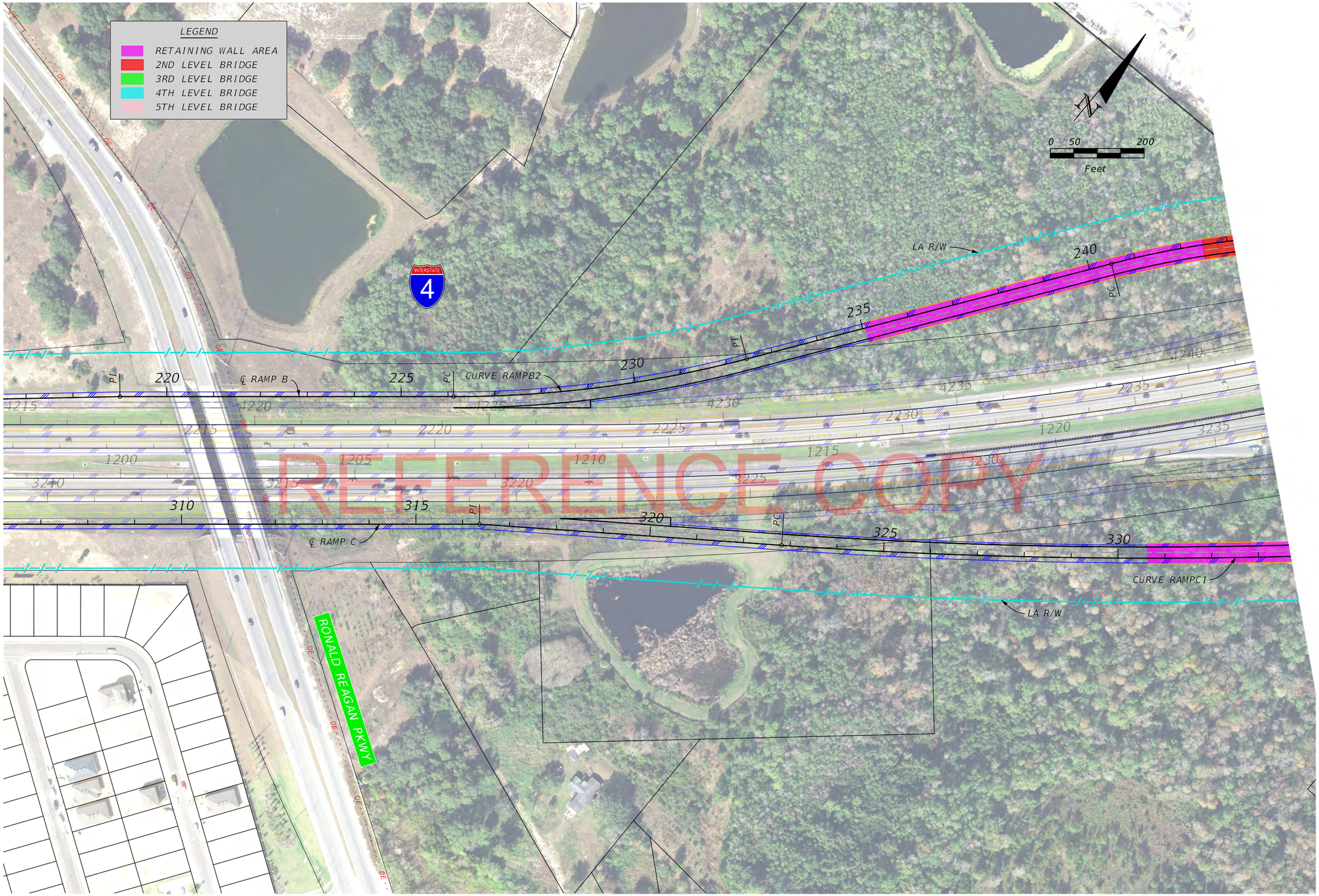
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-15



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-16

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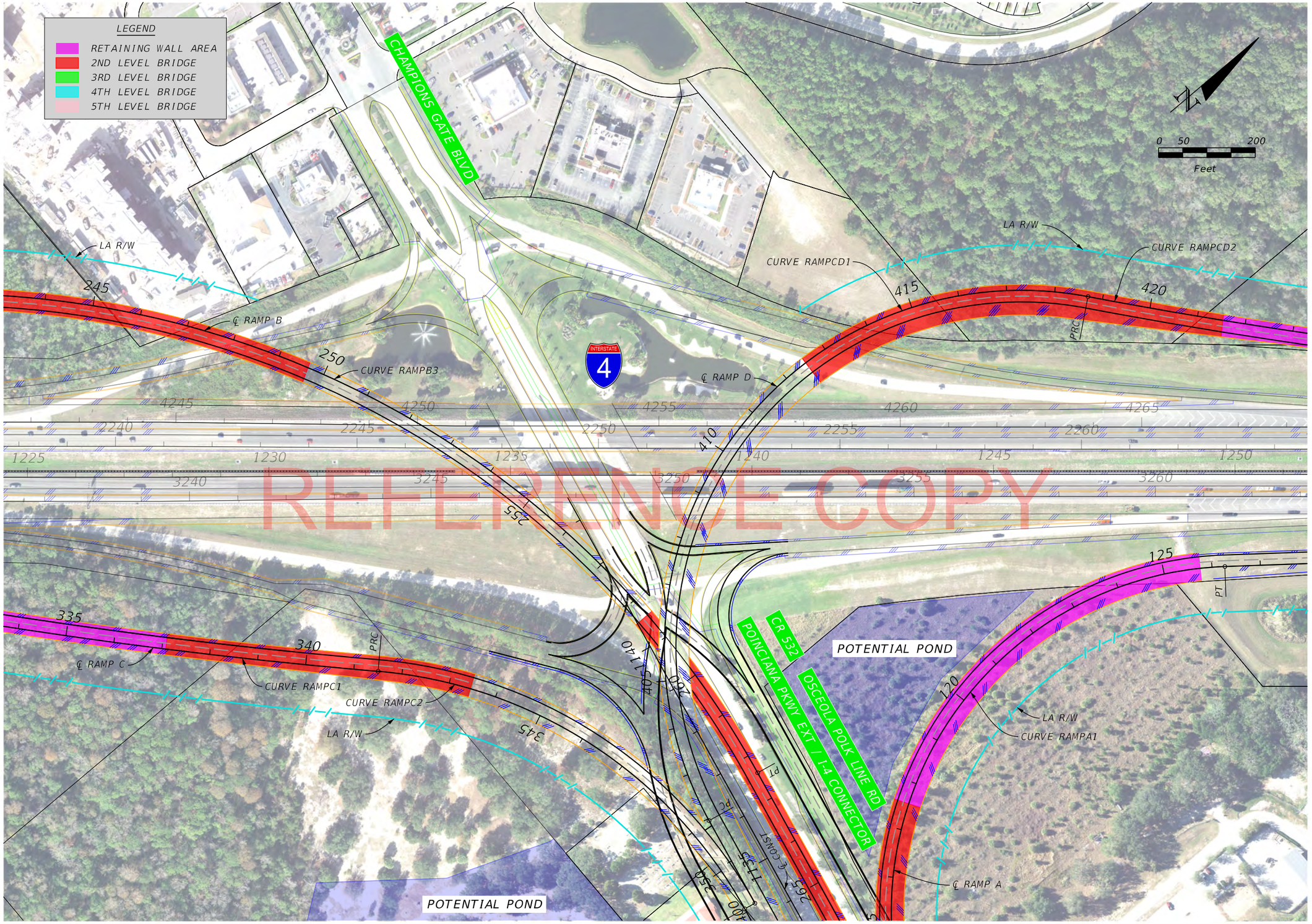

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-17

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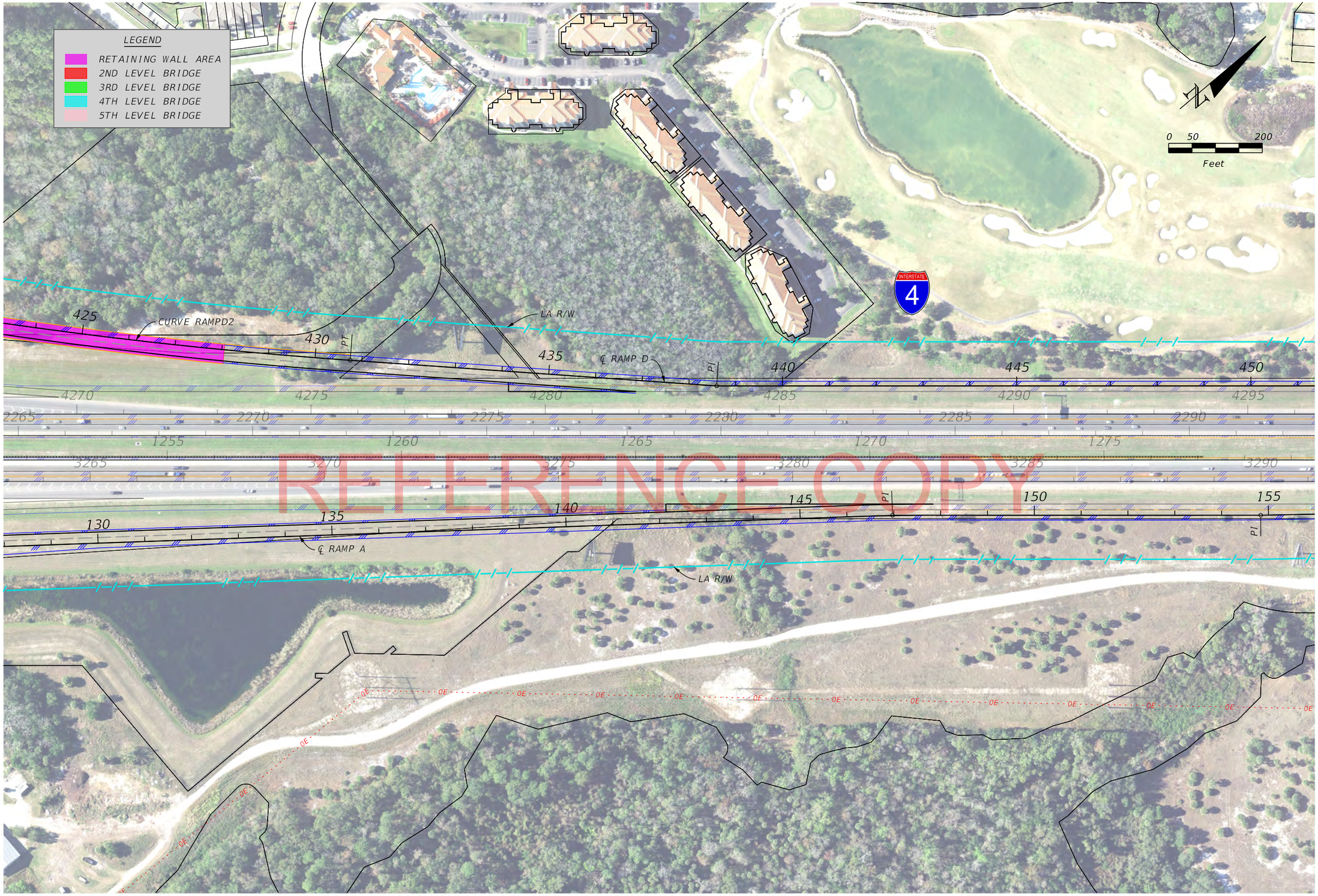

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-18

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REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.

32S-19

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.

32S-20

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POINCIANA PKWY EXT / I-4 CONNECTOR

LA R/W

DUKE ENERGY

0 50 200
Feet

17 92

R/W

PC STA. 910+10.2

ORANGE BLOSSOM TRAIL

R/W

LA R/W

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

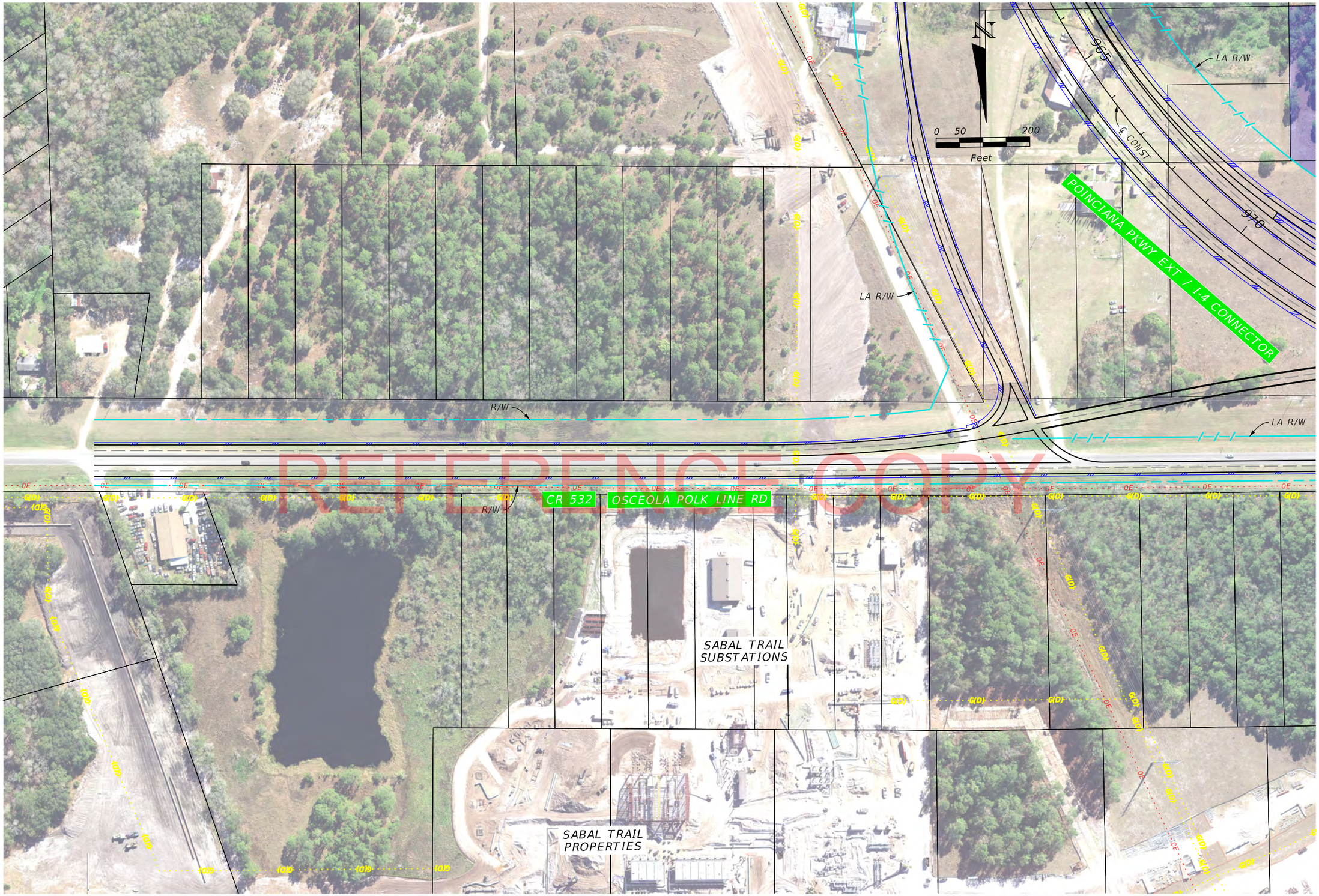
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.

32S-21



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-2S

SHEET NO.
32S-22

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Alternative 3-2S I-4 Interchange at SR 532 ~ Ramp Curve Data

RAMP A

CURVE DATA RAMPA1
PI STA. = 105+90.89
Δ = 5° 58' 35" (RT)
D = 1° 02' 49"
T = 285.65
L = 570.78
R = 5,472.00
PC STA. = 103+05.24
PT STA. = 108+76.03
e = 0.022

CURVE DATA RAMPA2
PI STA. = 123+32.97
Δ = 116° 59' 38" (RT)
D = 8° 00' 08"
T = 1,168.27
L = 1,462.02
R = 716.00
PC STA. = 111+64.70
PT STA. = 126+26.72
0.10

RAMP B

CURVE DATA RAMPB1
PI STA. = 209+06.84
Δ = 1° 29' 37" (LT)
D = 0° 14' 21"
T = 312.21
L = 624.38
R = 23,952.00
PC STA. = 205+94.63
PT STA. = 212+19.01
e = NC

CURVE DATA RAMPB2
PI STA. = 229+29.75
Δ = 14° 37' 49" (LT)
D = 2° 18' 51"
T = 317.85
L = 632.23
R = 2,476.00
PC STA. = 226+11.91
PT STA. = 232+44.14
e = 0.046

CURVE DATA RAMPB3
PI STA. = 252+80.55
Δ = 65° 16' 38" (RT)
D = 2° 58' 41"
T = 1,232.28
L = 2,192.02
R = 1,924.00
PC STA. = 240+48.27
PT STA. = 262+40.29
e = 0.057

RAMP C

CURVE DATA RAMPC1
PI STA. = 332+18.35
Δ = 9° 29' 13" (LT)
D = 0° 30' 28"
T = 936.54
L = 1,868.79
R = 11,286.48
PC STA. = 322+81.82
PT STA. = 341+50.61
e = NC

CURVE DATA RAMPC2
PI STA. = 346+63.02
Δ = 56° 08' 02" (RT)
D = 5° 57' 44"
T = 512.41
L = 941.51
R = 961.00
PC STA. = 341+50.61
PT STA. = 350+92.12
e = 0.092

CURVE DATA RAMPC3
PI STA. = 361+03.17
Δ = 6° 52' 34" (LT)
D = 1° 08' 00"
T = 303.75
L = 606.78
R = 5,056.10
PC STA. = 357+99.42
PT STA. = 364+06.20
e = 0.024

CURVE DATA RAMPC4
PI STA. = 366+82.25
Δ = 5° 36' 44" (LT)
D = 1° 01' 02"
T = 276.05
L = 551.66
R = 5,632.00
PC STA. = 364+06.20
PT STA. = 369+57.86
e = 0.021

RAMP D

CURVE DATA RAMPD1
PI STA. = 417+72.76
Δ = 129° 47' 30" (RT)
D = 7° 45' 11"
T = 1,577.30
L = 1,674.05
R = 739.00
PC STA. = 401+95.46
PT STA. = 418+69.51
e = 0.10

CURVE DATA RAMPD2
PI STA. = 424+73.09
Δ = 6° 46' 59" (LT)
D = 0° 33' 45"
T = 603.58
L = 1,205.75
R = 10,185.02
PC STA. = 418+69.51
PT STA. = 430+75.26
e = NC

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

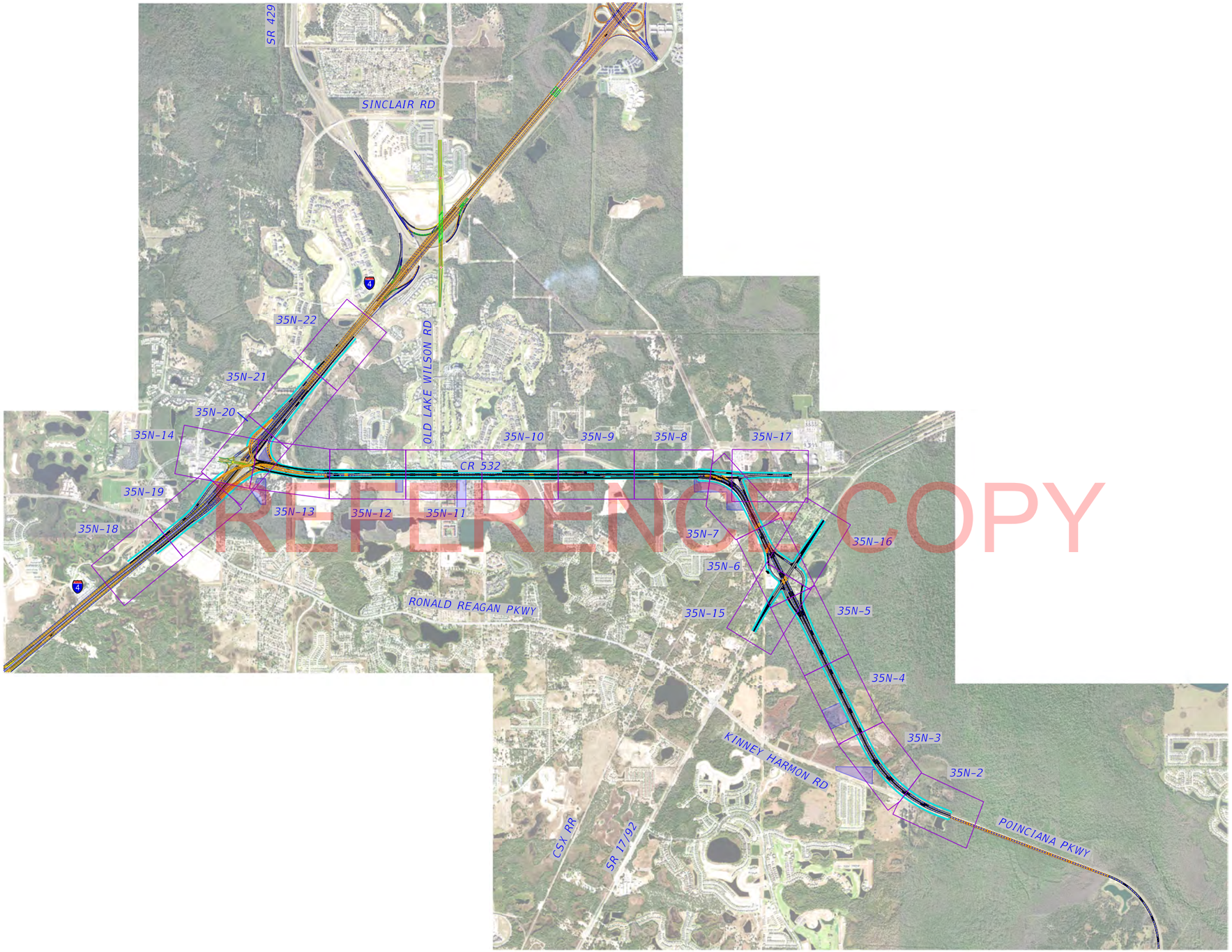
Alternative 3-2S

SHEET NO.
32S-23

APPENDIX R

Concept Plans for Alternative 3-5 North

REFERENCE COPY



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.

35N-1

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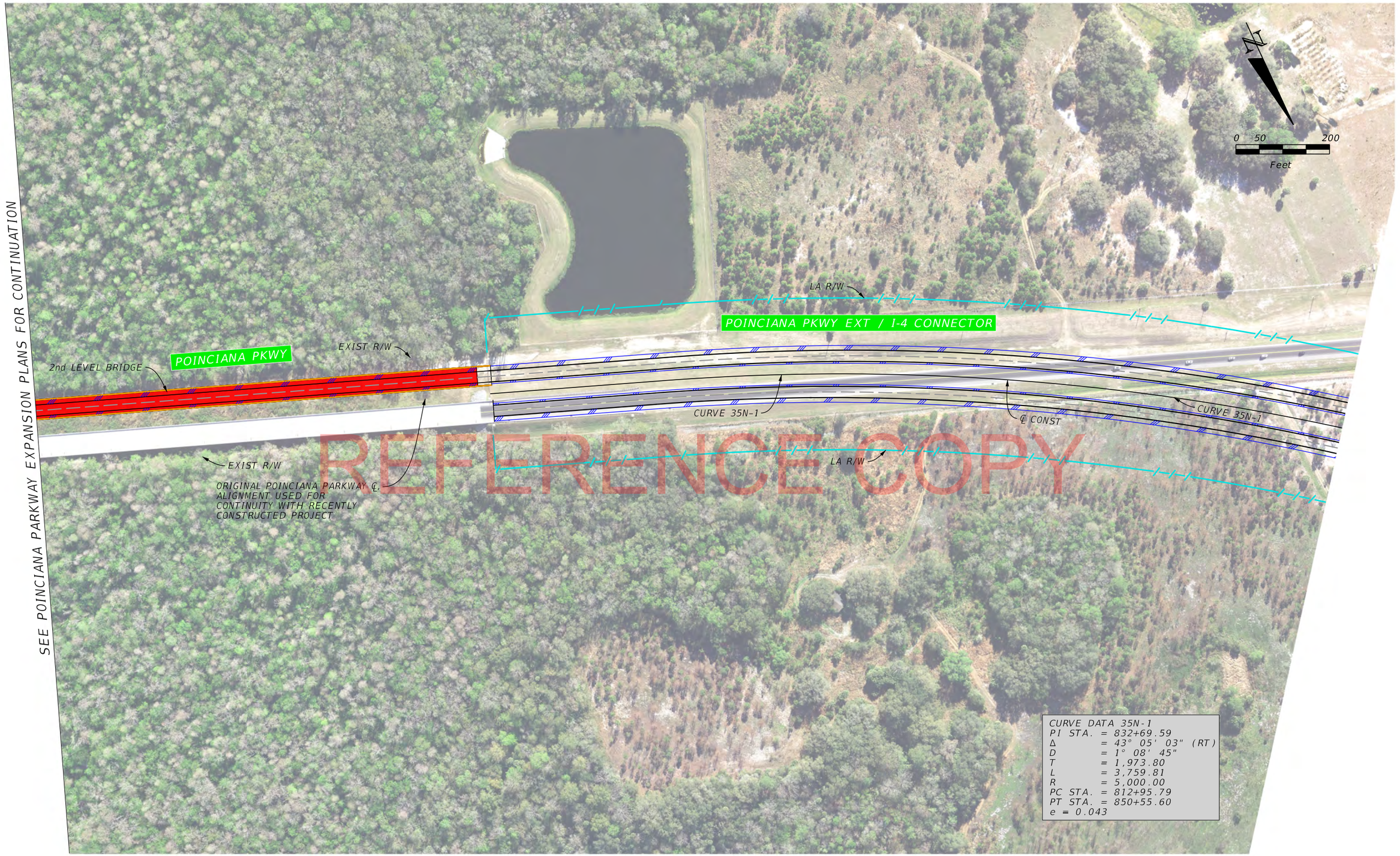


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

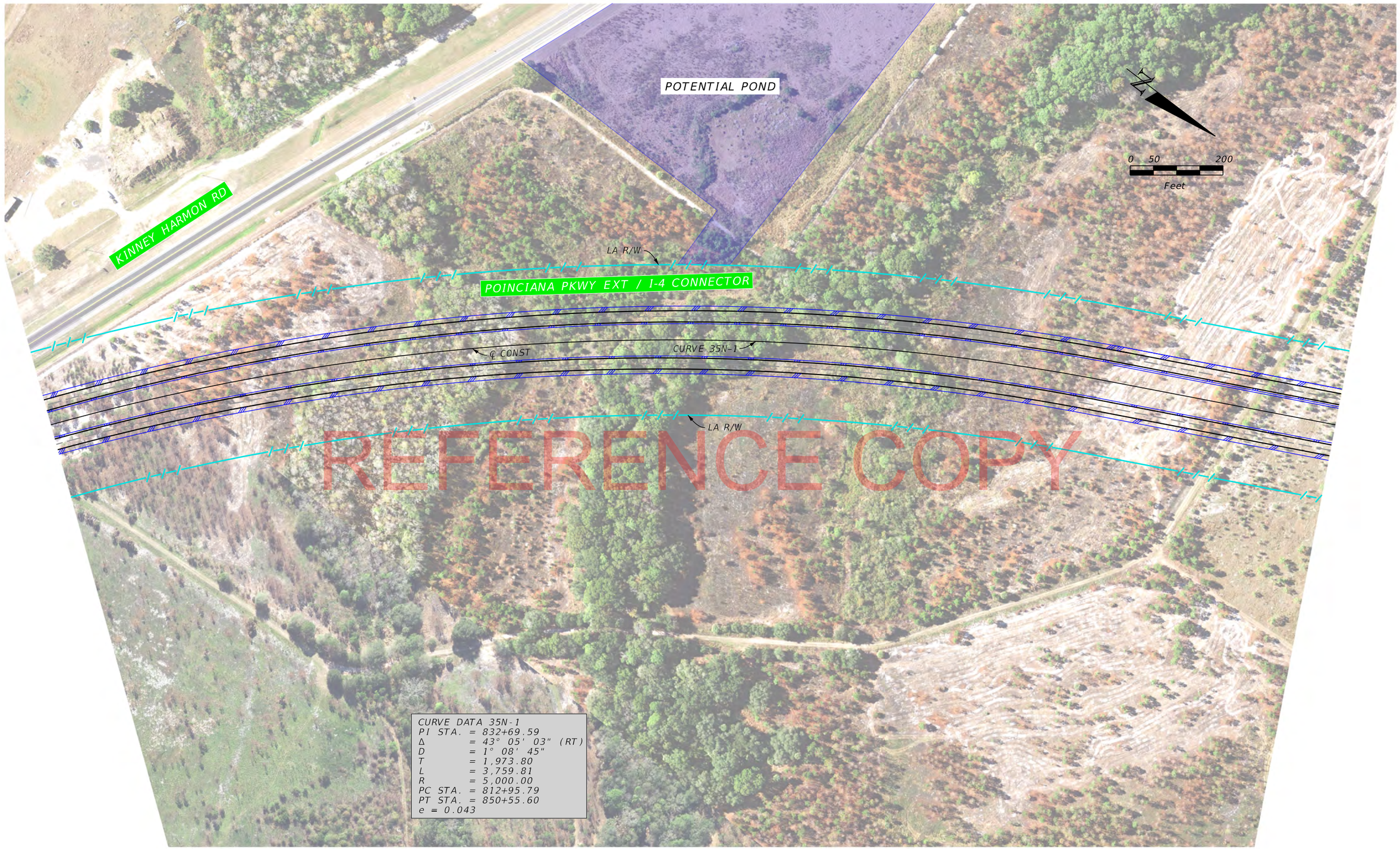
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-2

Bill.Lemos 3/21/2018 3:38:25 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-14.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-3

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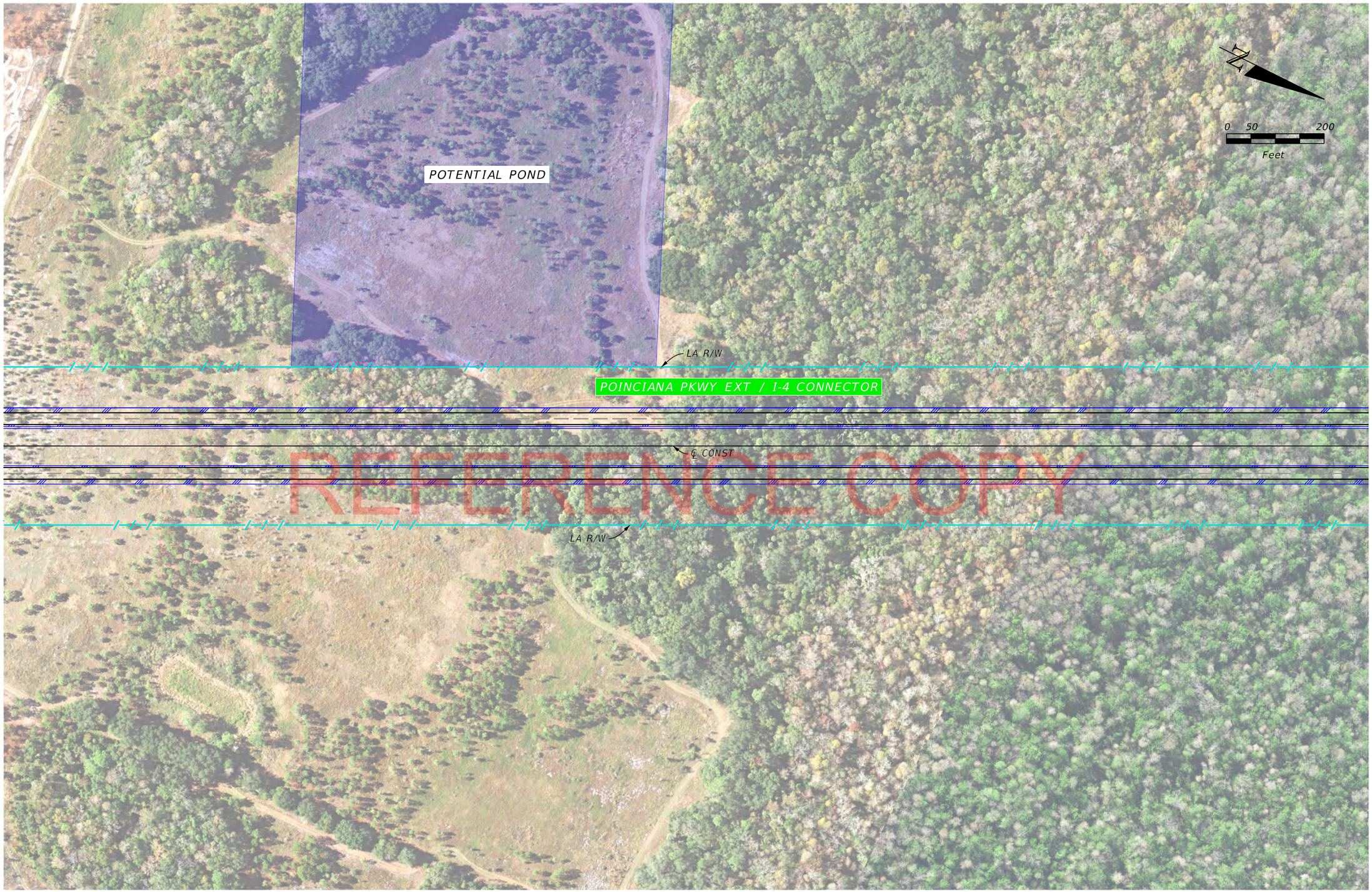


REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

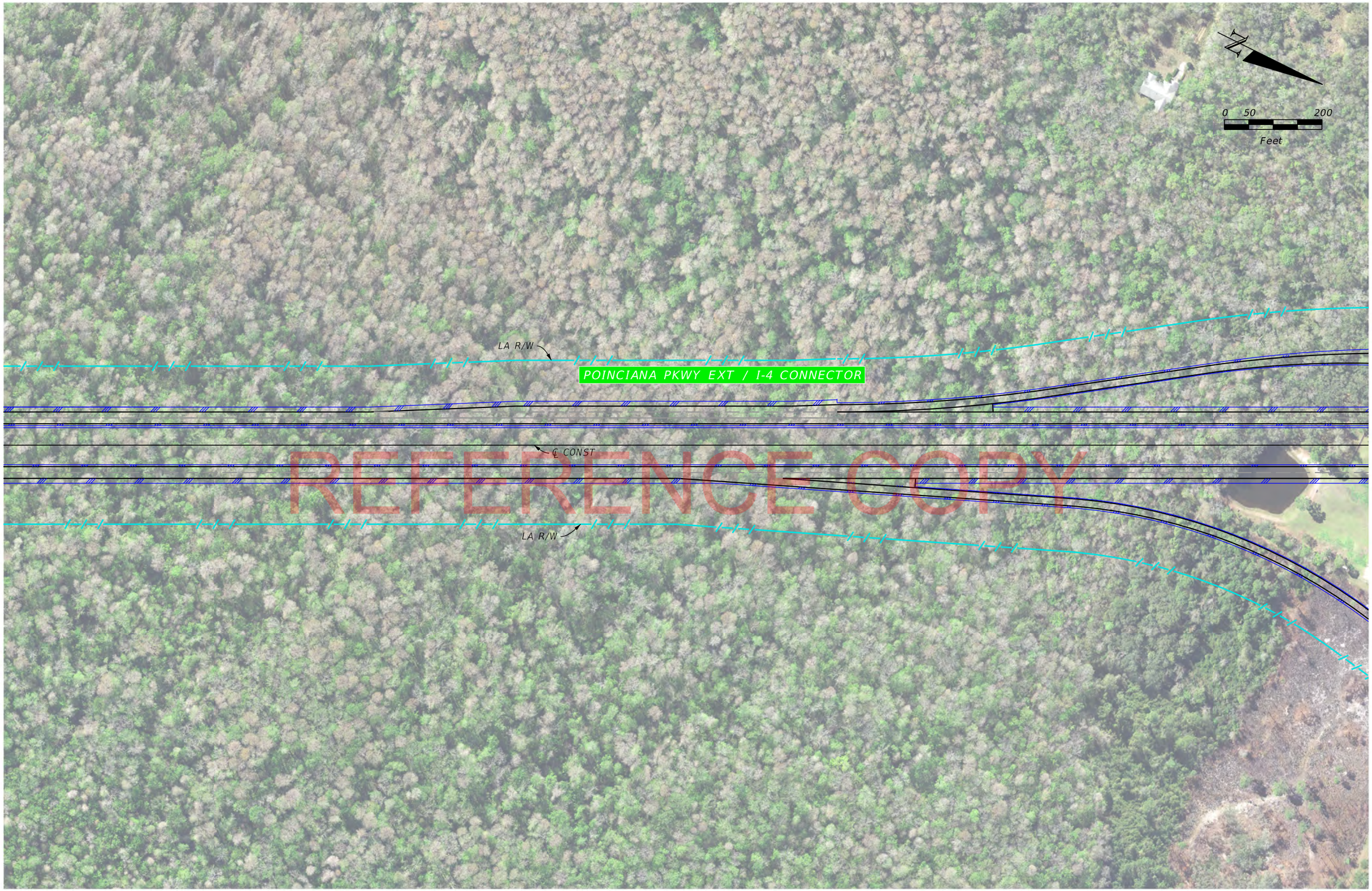
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-4

Bill.Lemos 3/21/2018 3:41:36 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-16.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.

35N-5

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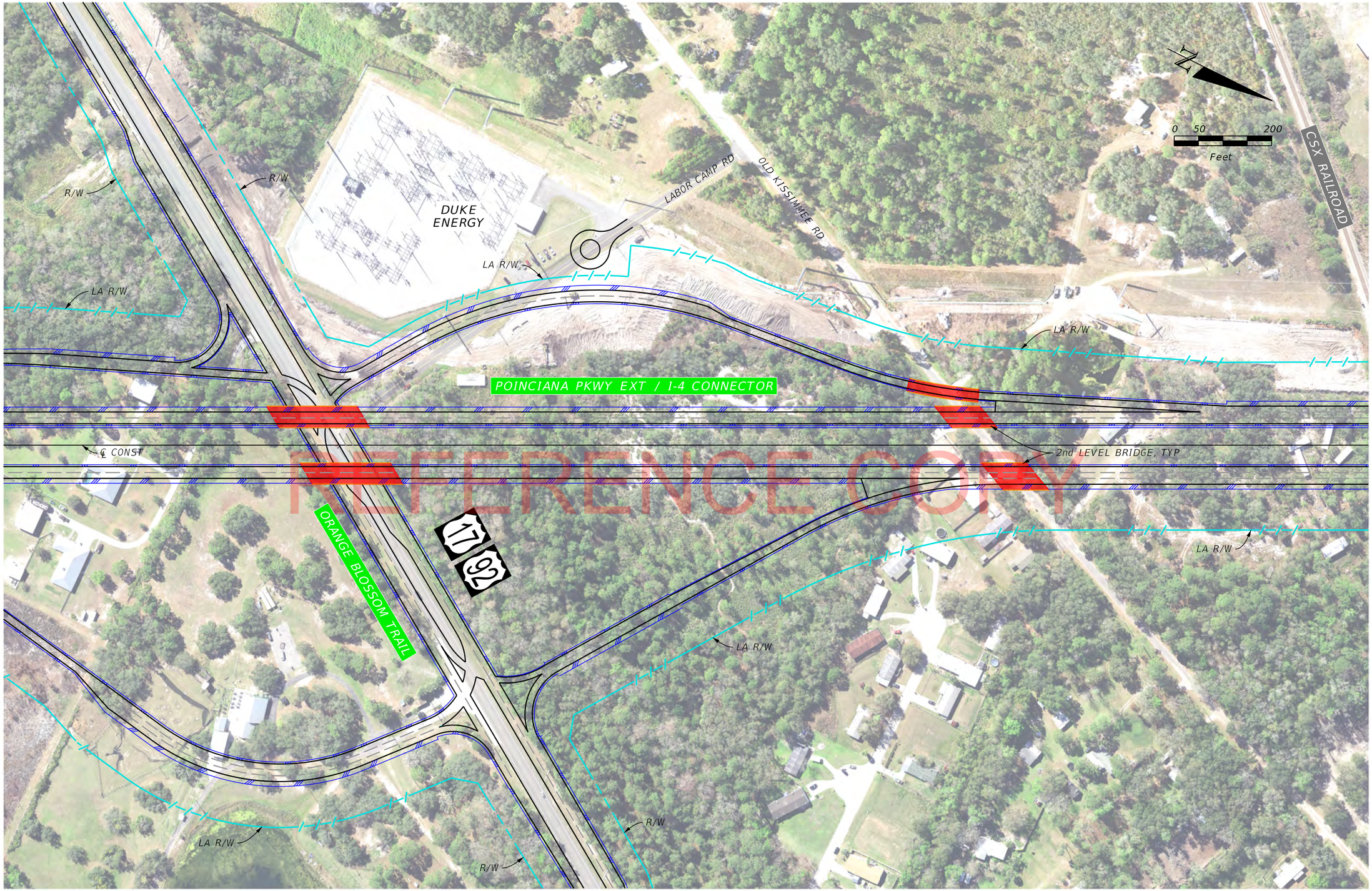

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

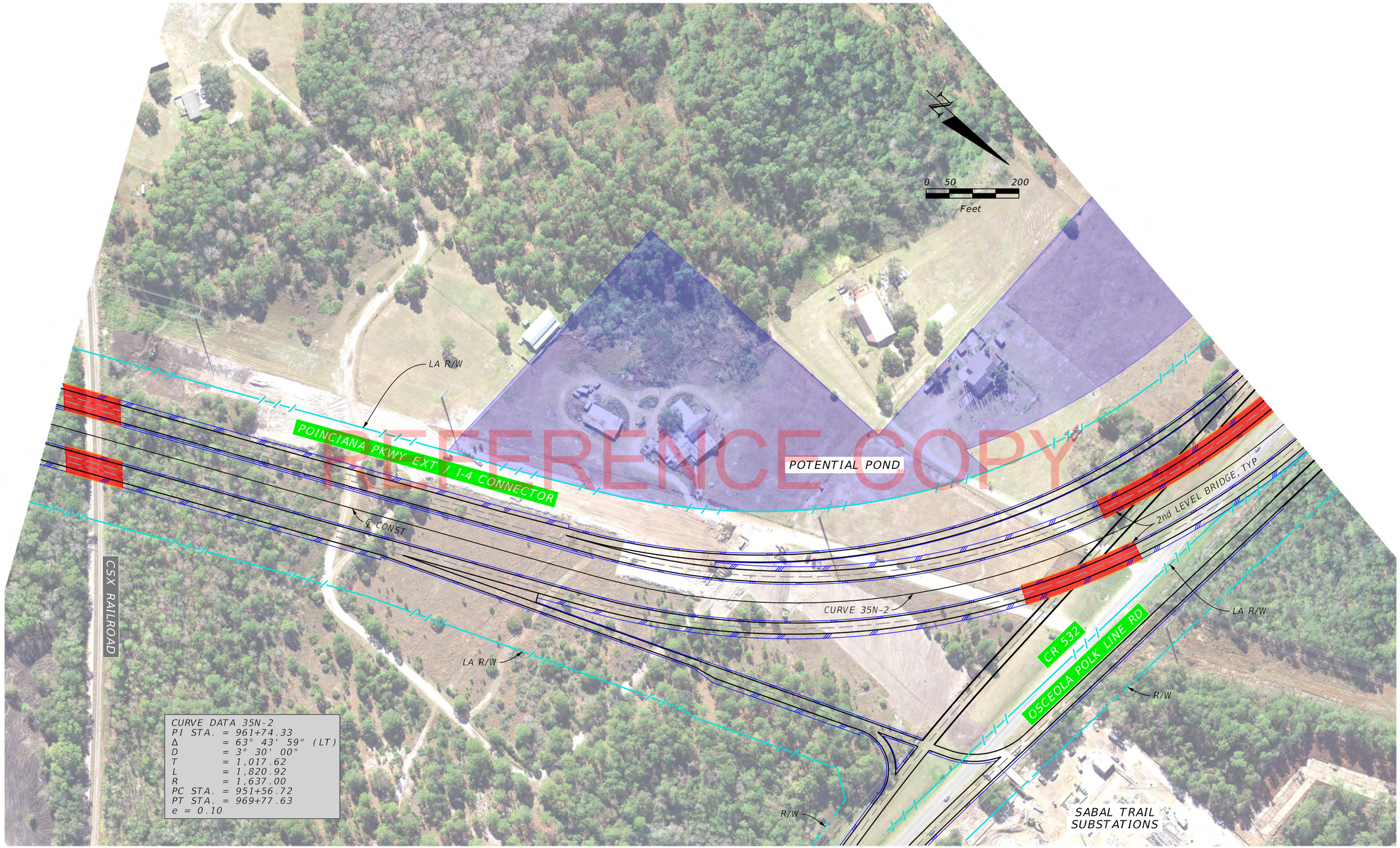
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-6

Bill.Lemos 3/21/2018 3:44:16 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-18.dgn



REFERENCE COPY

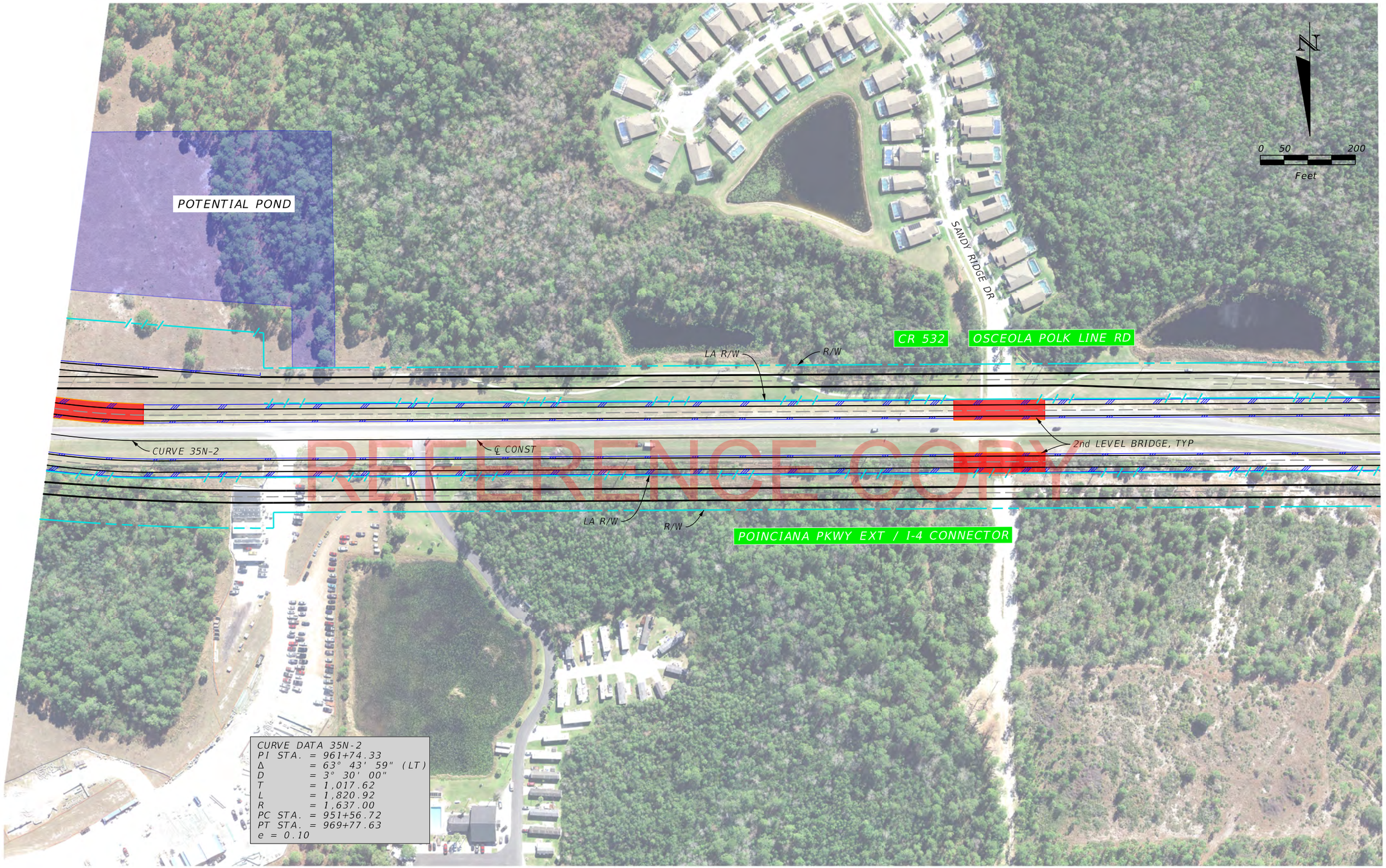
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-7



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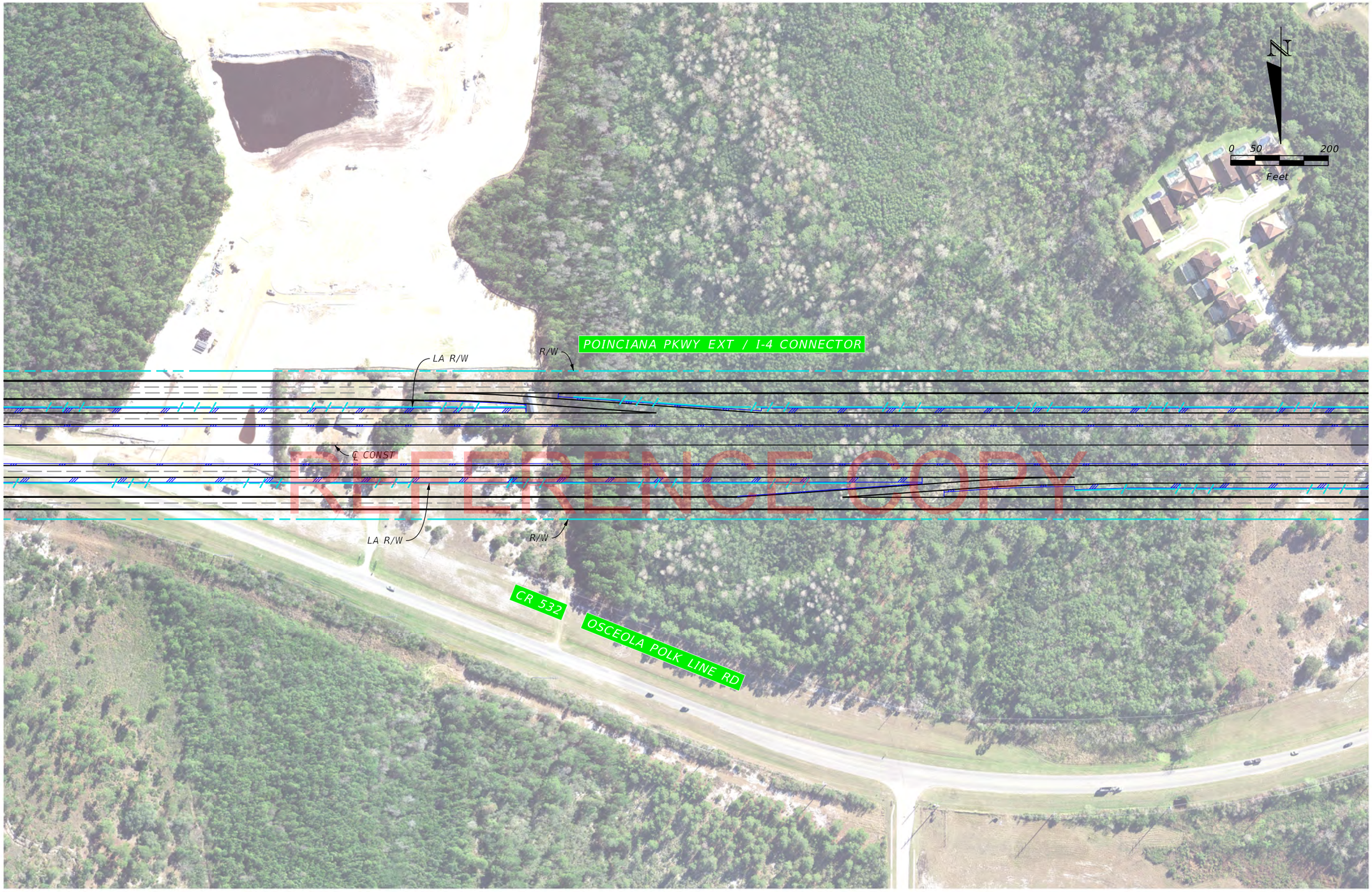
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-8



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

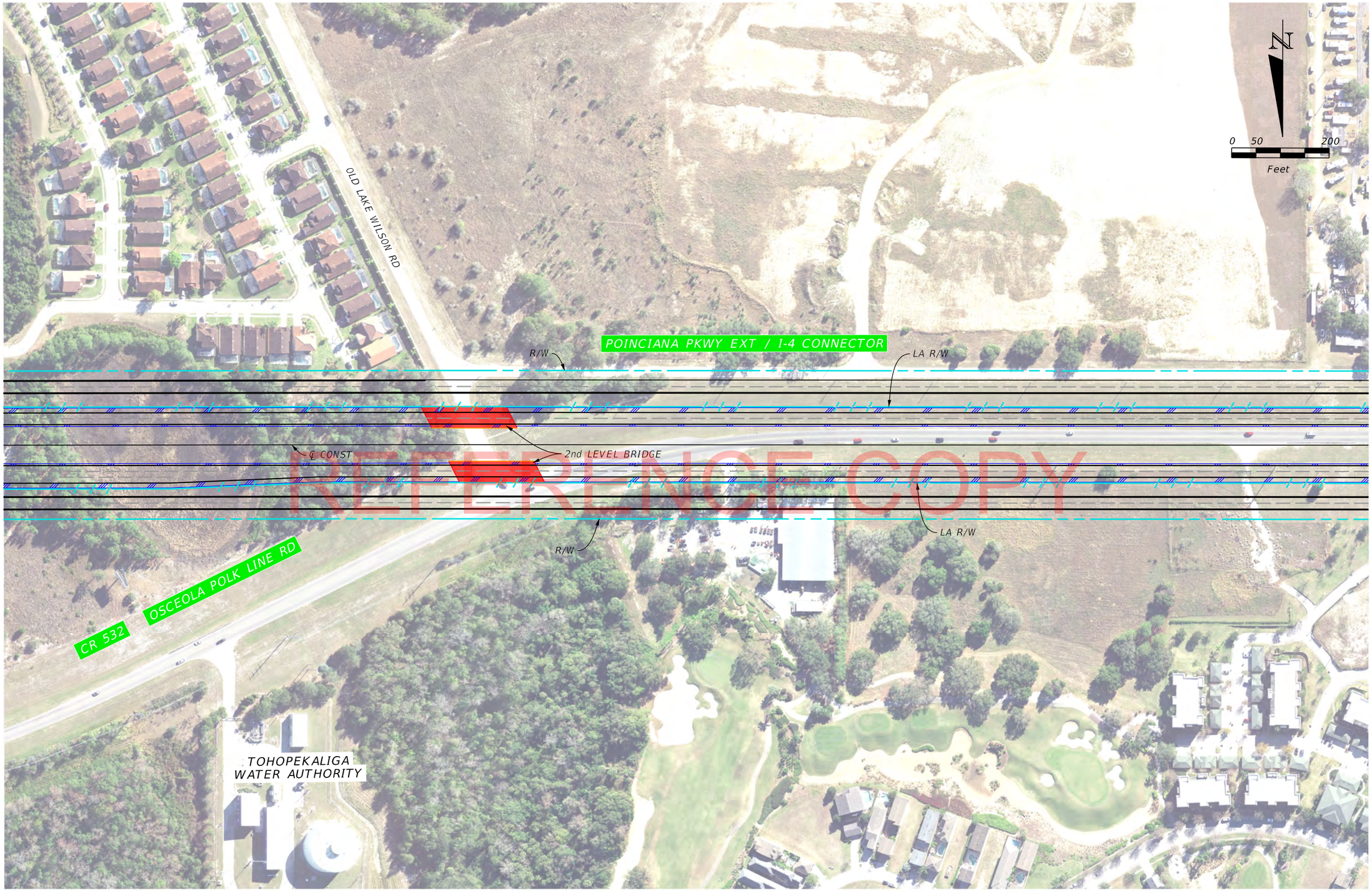
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-9

Bill.Lemos 3/21/2018 3:47:56 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-21.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

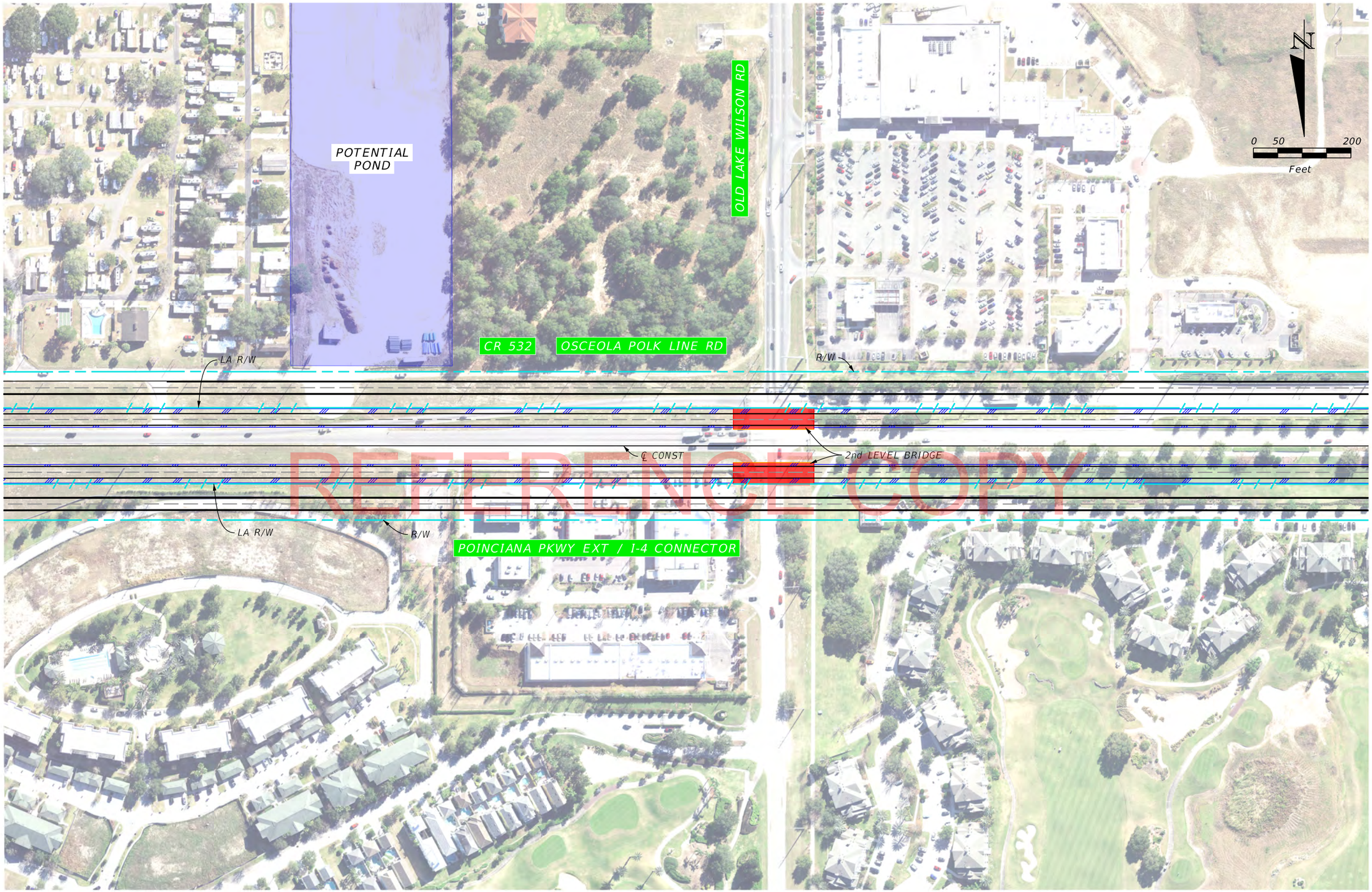
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-10

Bill.Lemos 3/21/2018 3:49:08 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-22.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

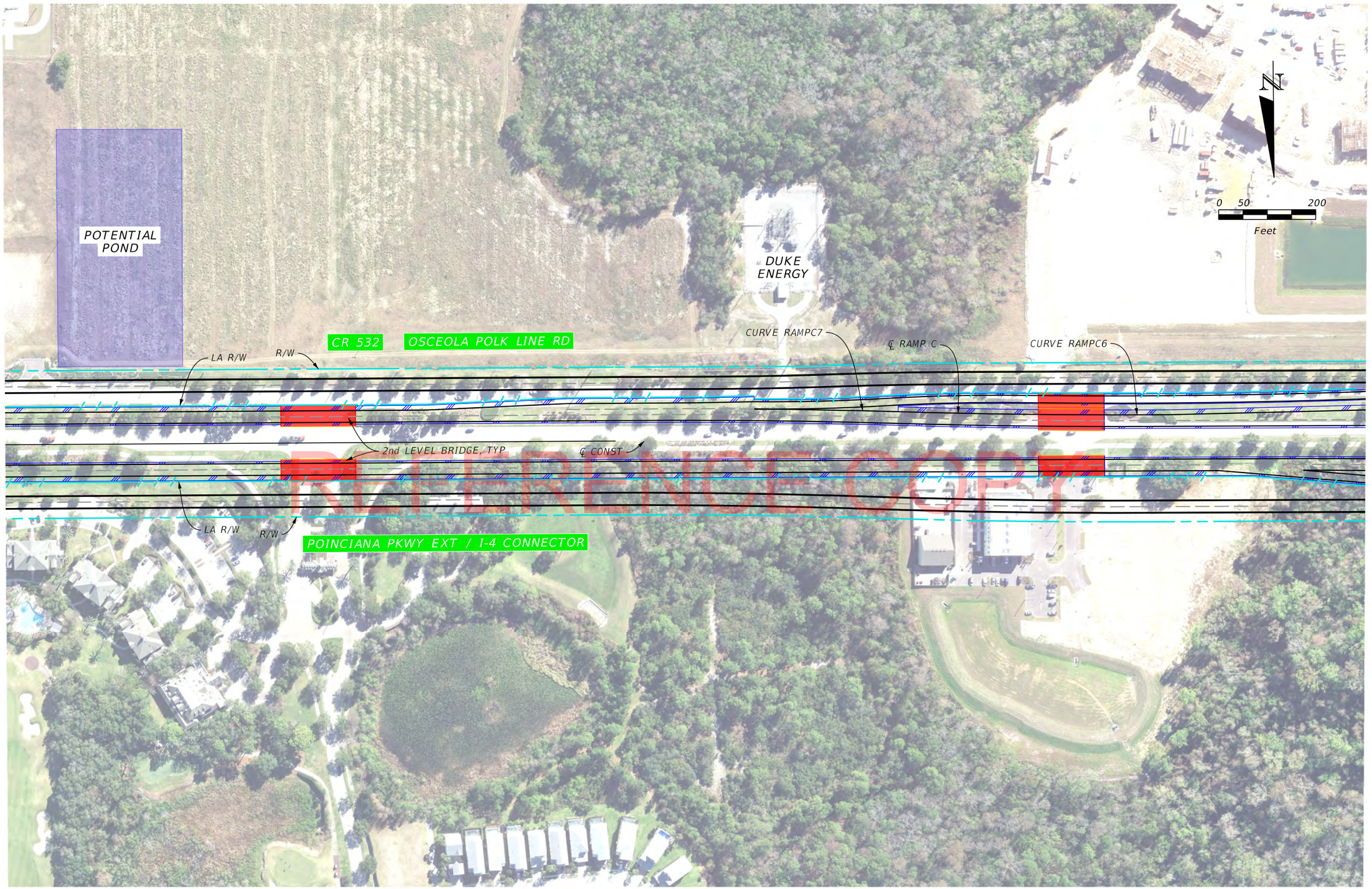
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.

35N-11



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-12

Bill.Lemos 3/21/2018 3:51:41 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-24.dgn

LEGEND

- RETAINING WALL AREA
- 2ND LEVEL BRIDGE
- 3RD LEVEL BRIDGE
- 4TH LEVEL BRIDGE
- 5TH LEVEL BRIDGE

POTENTIAL POND

N

0 50 200

Feet

OAK HILL BAPTIST CHURCH

CR 532 OSCEOLA POLK LINE RD

℄ RAMP C

R/W

CURVE RAMP C5

LA R/W

CURVE RAMP C4

CURVE RAMPC3

℄ CONST

CURVE RAMPD1

CURVE 35N-3

℄ RAMP A

CURVE RAMPA1

R/W

LA R/W

POINCIANA PKWY EXT / I-4 CONNECTOR

REFERENCE COPY

POTENTIAL POND

CURVE RAMPA2

LA R/W

CURVE DATA 35N-3
PI STA. = 1117+37.45
Δ = 10° 24' 47" (RT)
D = 1° 03' 23"
T = 494.24
L = 985.77
R = 5,424.00
PC STA. = 1112+43.21
PT STA. = 1122+28.98
e = 0.039

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

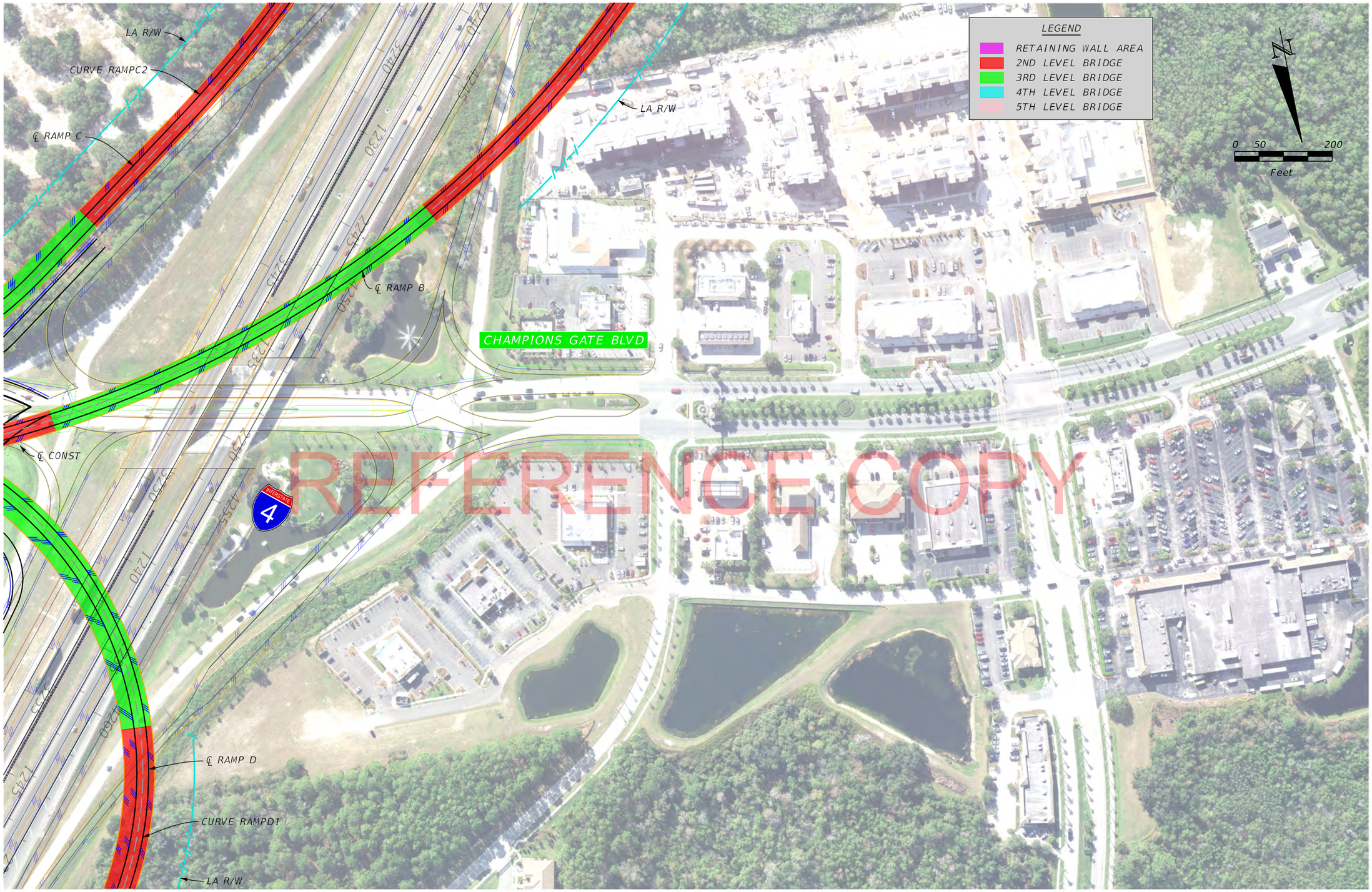
Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.

35N-13

Bill.Lemos 3/21/2018 3:52:51 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-25.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-14

Bill.Lemos 3/21/2018 3:54:05 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-26.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.

35N-15

Bill.Lemos 3/21/2018 3:55:17 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3-5N-27.dgn

LEGEND

RETAINING WALL AREA
2ND LEVEL BRIDGE
3RD LEVEL BRIDGE
4TH LEVEL BRIDGE
5TH LEVEL BRIDGE

0 50 200
Feet

INTERSTATE 4

LA R/W
CURVE RAMPB3
℄ RAMP B
CURVE RAMPB2
℄ RAMP C
CURVE RAMPC1
LA R/W
RONALD REAGAN PKWY

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-16

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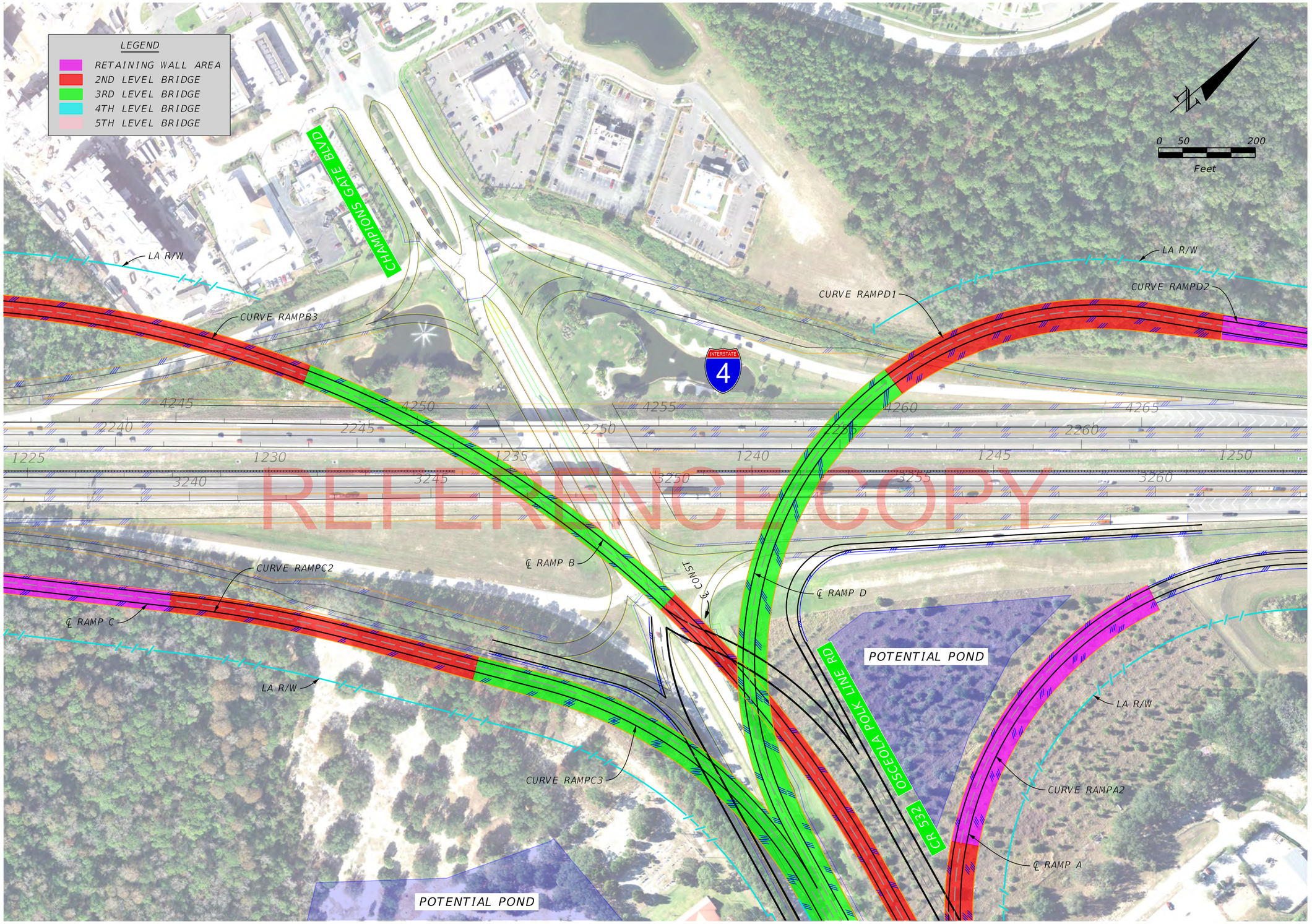

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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-17

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Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
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Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.

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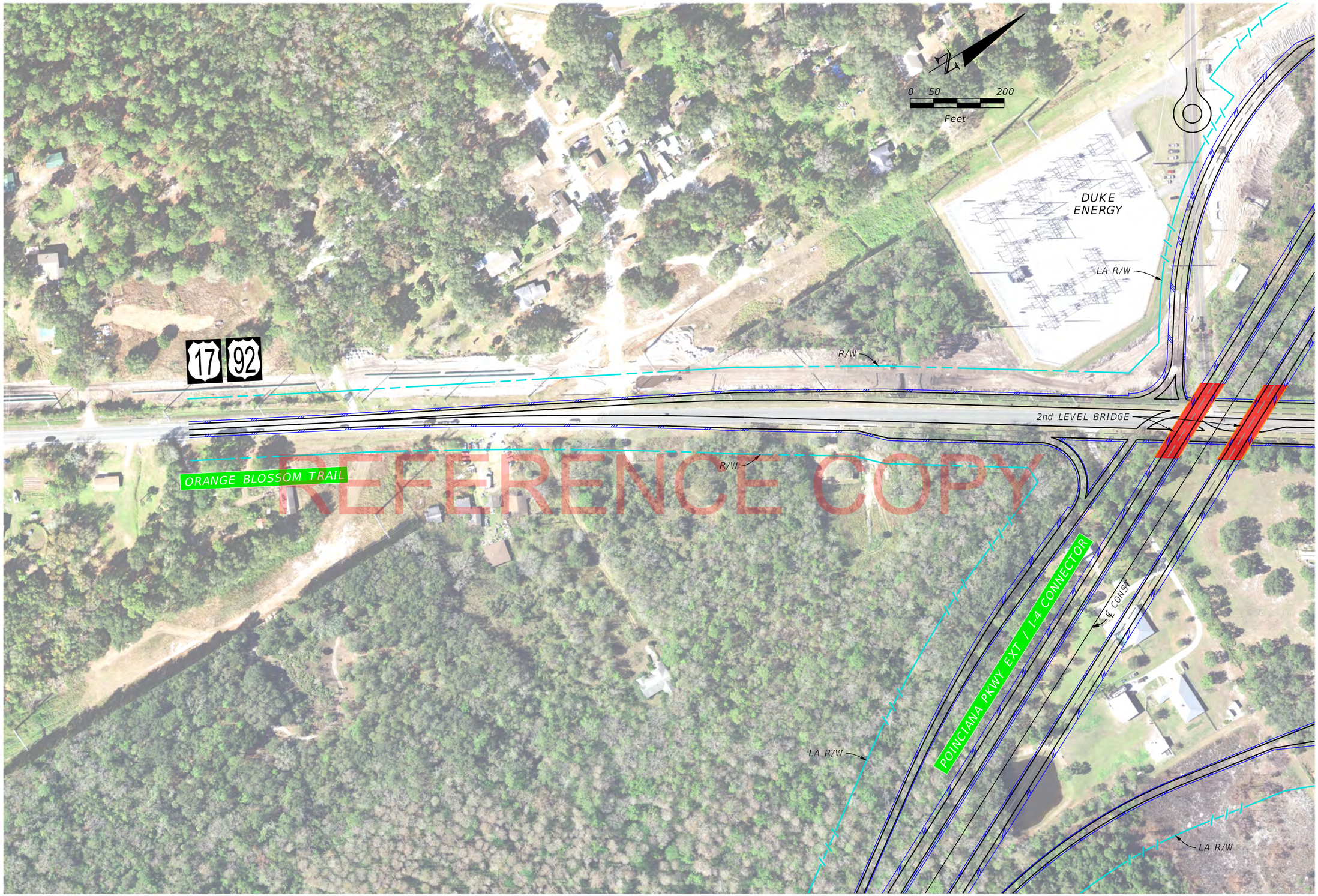

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Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.

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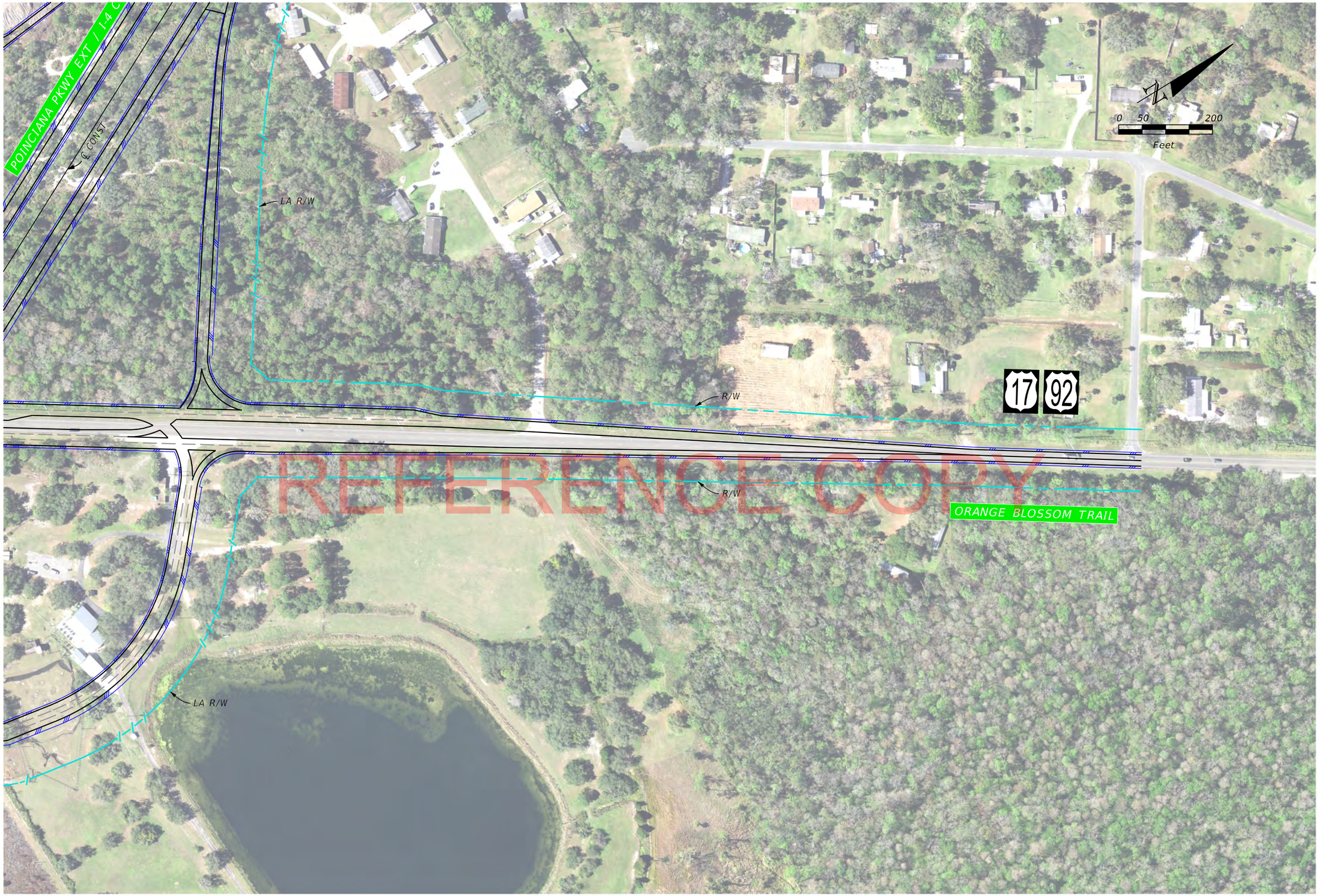

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Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

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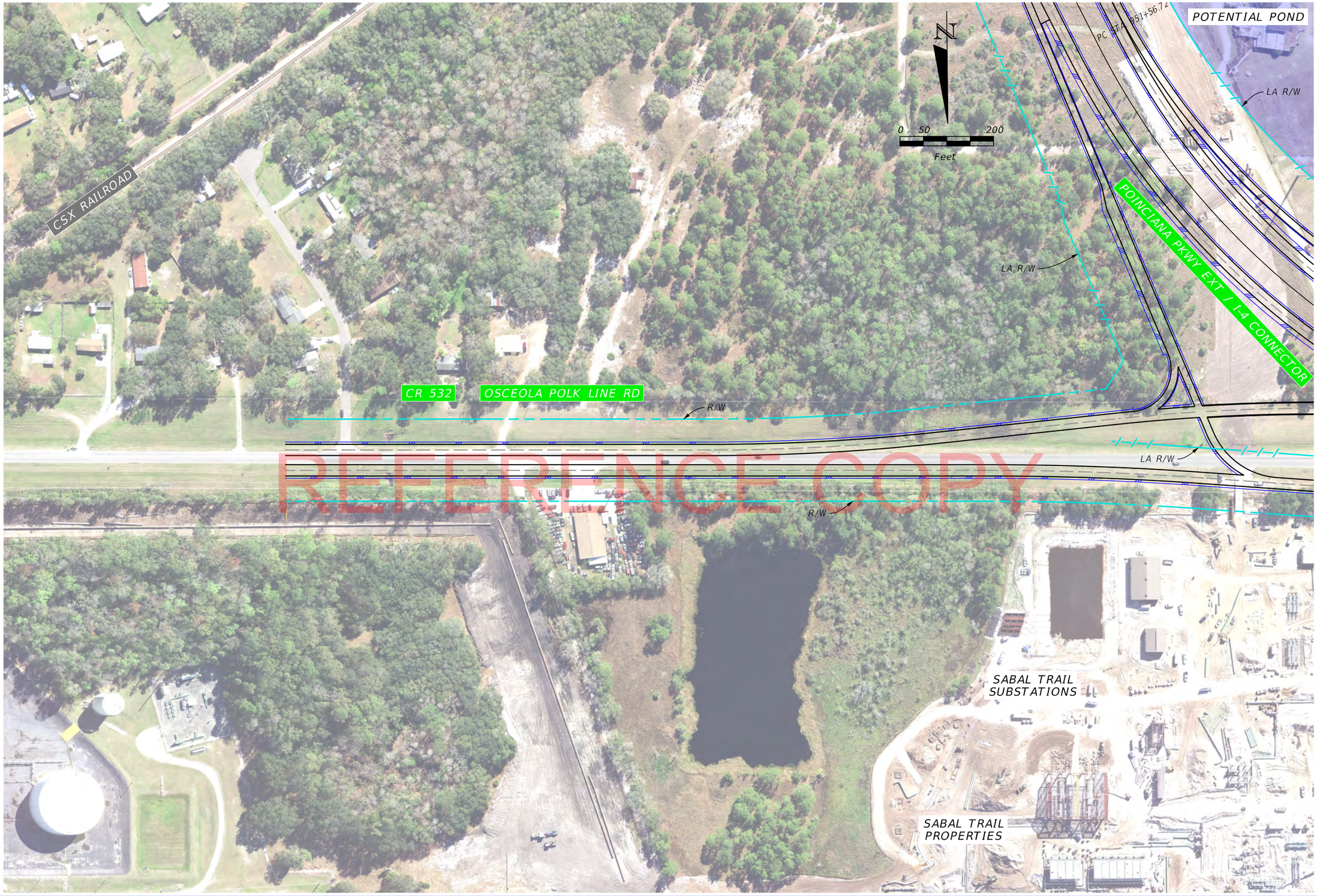

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Concept, Feasability and Mobility Study
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Alternative 3-5N

SHEET NO.

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Alternative 3-5N I-4 Interchange at SR 532 ~ Ramp Curve Data

RAMP A

CURVE DATA RAMPA1
PI STA. = 105+11.01
Δ = 4° 25' 05" (RT)
D = 1° 04' 20"
T = 206.14
L = 412.08
R = 5,344.00
PC STA. = 103+04.86
PT STA. = 107+16.94
e = 0.023

CURVE DATA RAMPA2
PI STA. = 121+08.68
Δ = 116° 59' 38" (RT)
D = 8° 00' 48"
T = 1,166.63
L = 1,459.98
R = 715.00
PC STA. = 109+42.05
PT STA. = 124+02.03
e = 0.10

CURVE DATA RAMPA3
PI STA. = 143+30.63
Δ = 2° 00' 54" (RT)
D = 0° 28' 42"
T = 210.60
L = 421.15
R = 11,976.00
PC STA. = 141+20.03
PT STA. = 145+41.18
e = NC

RAMP B

CURVE DATA RAMPB1
PI STA. = 209+51.64
Δ = 1° 42' 28" (LT)
D = 0° 14' 21"
T = 357.00
L = 713.96
R = 23,952.00
PC STA. = 205+94.63
PT STA. = 213+08.59
e = NC

CURVE DATA RAMPB2
PI STA. = 229+29.75
Δ = 14° 37' 49" (LT)
D = 2° 18' 51"
T = 317.85
L = 632.23
R = 2,476.00
PC STA. = 226+11.91
PT STA. = 232+44.14
e = 0.046

CURVE DATA RAMPB3
PI STA. = 254+21.46
Δ = 65° 16' 38" (RT)
D = 2° 29' 28"
T = 1,473.10
L = 2,620.40
R = 2,300.00
PC STA. = 239+48.37
PT STA. = 265+68.76
e = 0.049

RAMP C

CURVE DATA RAMPC1
PI STA. = 324+34.53
Δ = 7° 50' 16" (LT)
D = 1° 20' 26"
T = 292.78
L = 584.66
R = 4,274.00
PC STA. = 321+41.74
PT STA. = 327+26.40
e = 0.028

CURVE DATA _RAMPC2
PI STA. = 339+33.10
Δ = 8° 00' 26" (RT)
D = 2° 18' 51"
T = 173.29
L = 346.02
R = 2,476.00
PC STA. = 337+59.81
PT STA. = 341+05.83
e = 0.046

CURVE DATA RAMPC3
PI STA. = 349+03.23
Δ = 46° 28' 40" (RT)
D = 6° 32' 26"
T = 376.16
L = 710.60
R = 876.00
PC STA. = 345+27.07
PT STA. = 352+37.67
e = 0.095

CURVE DATA RAMPC4
PI STA. = 362+70.80
Δ = 8° 11' 15" (LT)
D = 1° 25' 14"
T = 288.64
L = 576.29
R = 4,032.94
PC STA. = 359+82.16
PT STA. = 365+58.45
e = 0.030

CURVE DATA RAMPC5
PI STA. = 368+01.11
Δ = 5° 02' 56" (LT)
D = 1° 02' 28"
T = 242.66
L = 485.01
R = 5,504.00
PC STA. = 365+58.45
PT STA. = 370+43.46
e = 0.022

CURVE DATA RAMPC6
PI STA. = 381+93.70
Δ = 1° 54' 58" (RT)
D = 0° 22' 55"
T = 250.83
L = 501.62
R = 15,000.00
PC STA. = 379+42.87
PT STA. = 384+44.49
e = NC

CURVE DATA RAMPC7
PI STA. = 385+94.61
Δ = 1° 08' 48" (LT)
D = 0° 22' 55"
T = 150.12
L = 300.23
R = 15,000.00
PC STA. = 384+44.49
PT STA. = 387+44.72
e = NC

RAMP D

CURVE DATA RAMPD1
PI STA. = 416+72.92
Δ = 128° 55' 24" (RT)
D = 7° 45' 11"
T = 1,546.68
L = 1,662.85
R = 739.00
PC STA. = 401+26.24
PT STA. = 417+89.09
e = 0.10

CURVE DATA RAMPD2
PI STA. = 423+15.26
Δ = 5° 54' 53" (LT)
D = 0° 33' 45"
T = 526.17
L = 1,051.40
R = 10,185.02
PC STA. = 417+89.09
PT STA. = 428+40.49
e = NC

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Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 3-5N

SHEET NO.
35N-23

APPENDIX S

Concept Plans for Alternative 3-5 South

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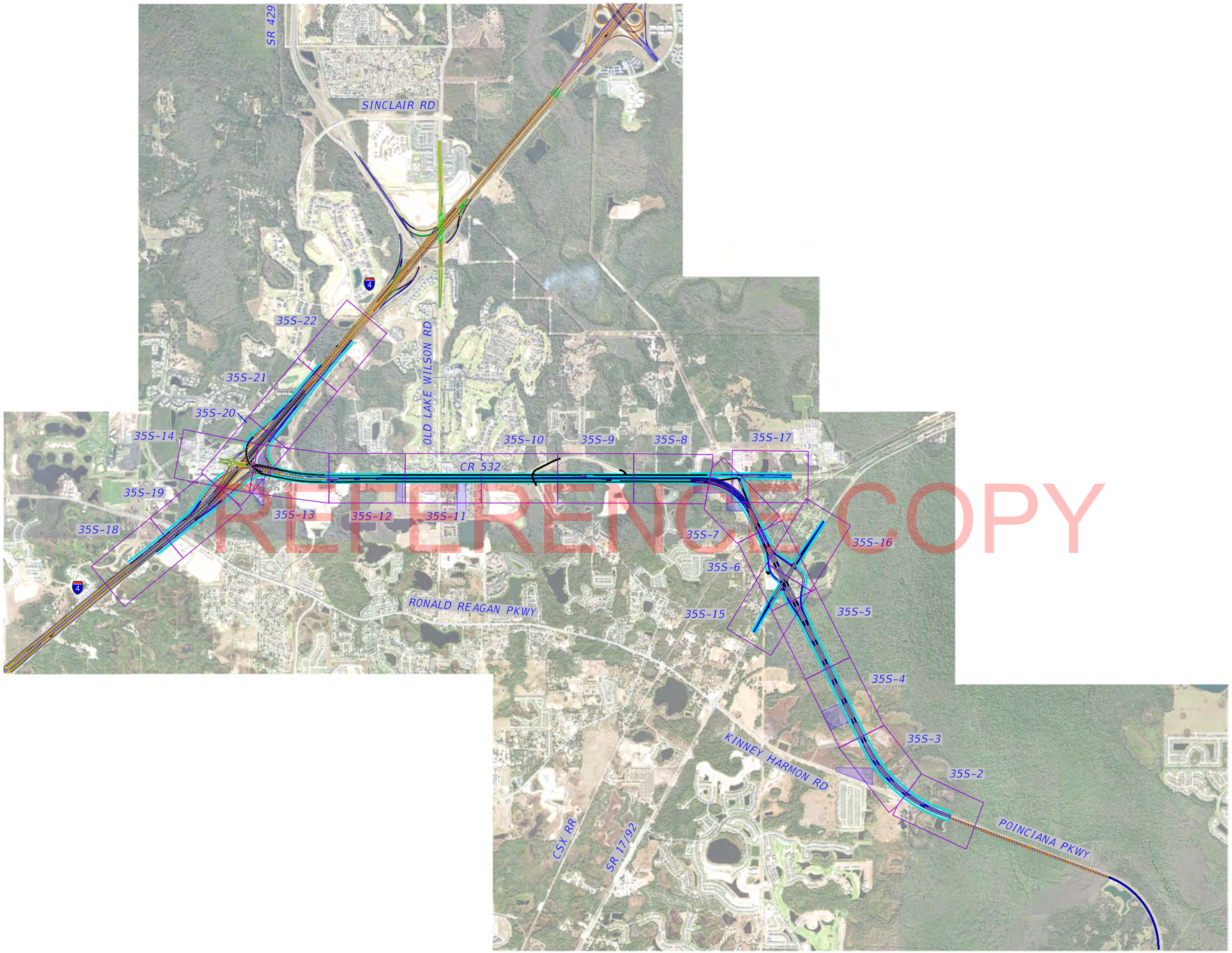

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Concept, Feasability and Mobility Study
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Alternative 3-5S

SHEET NO.
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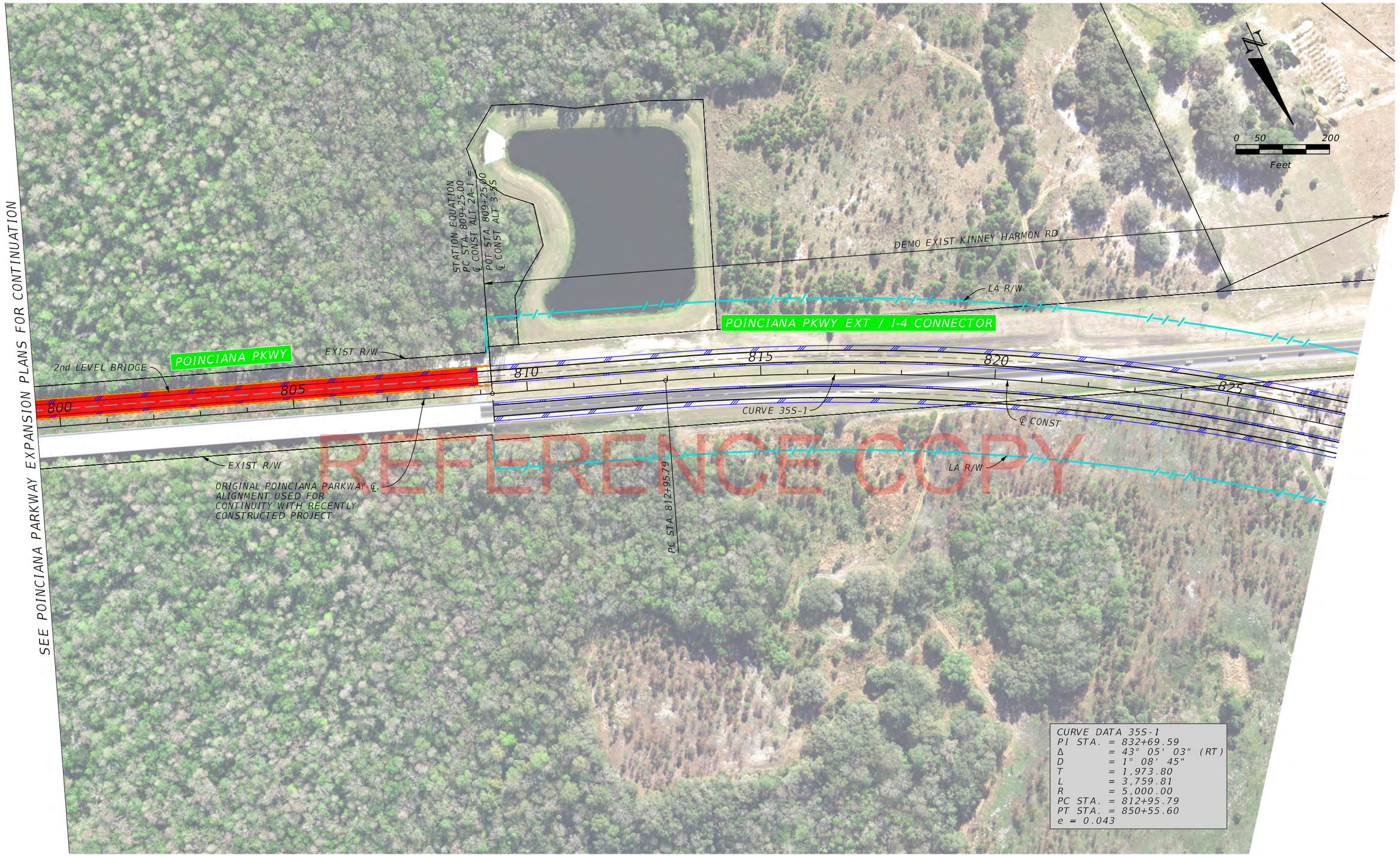

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Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 3-5S

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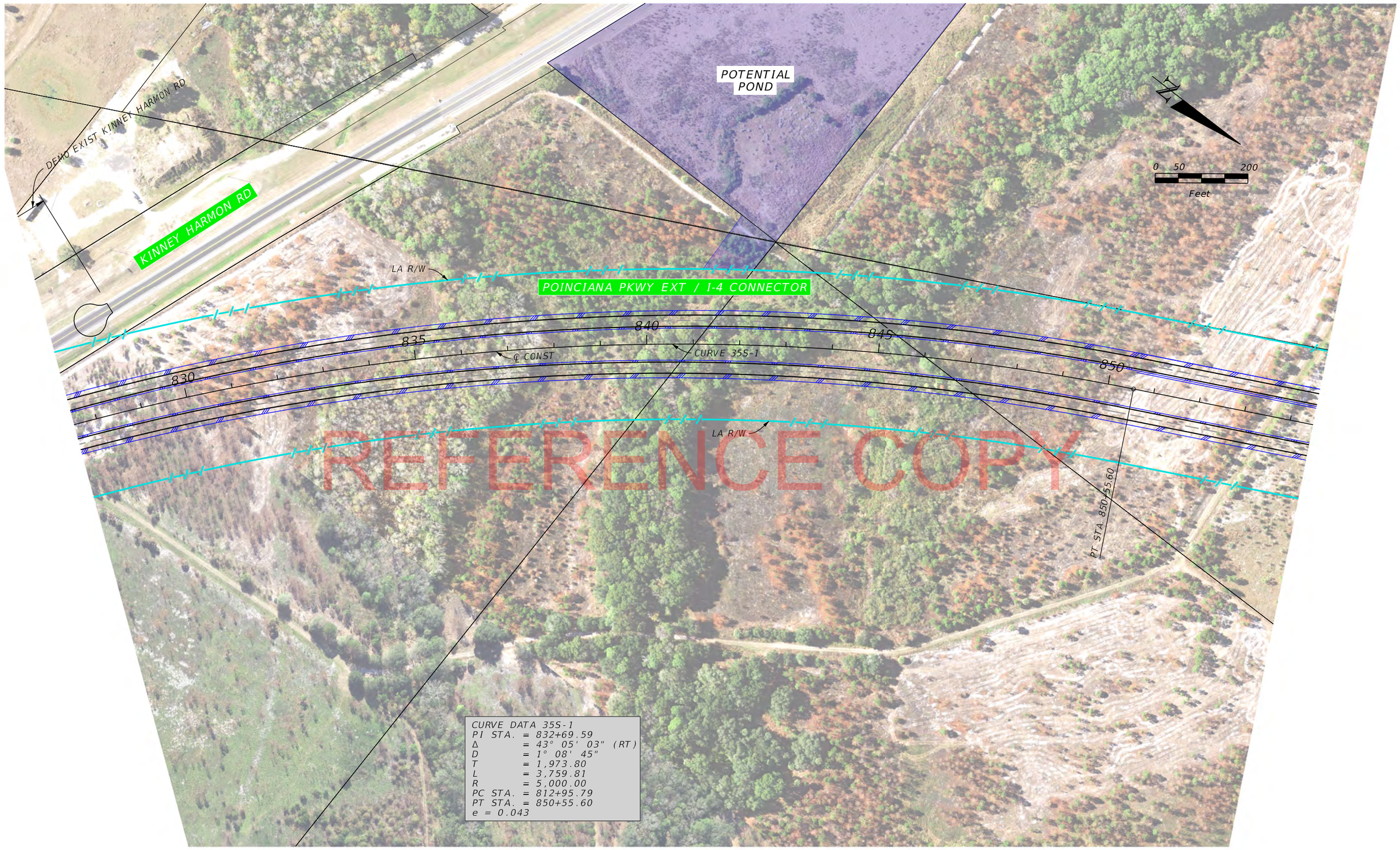

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Concept, Feasability and Mobility Study
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Poinciana Parkway Extension / I-4 Connector

Alternative 3-5S

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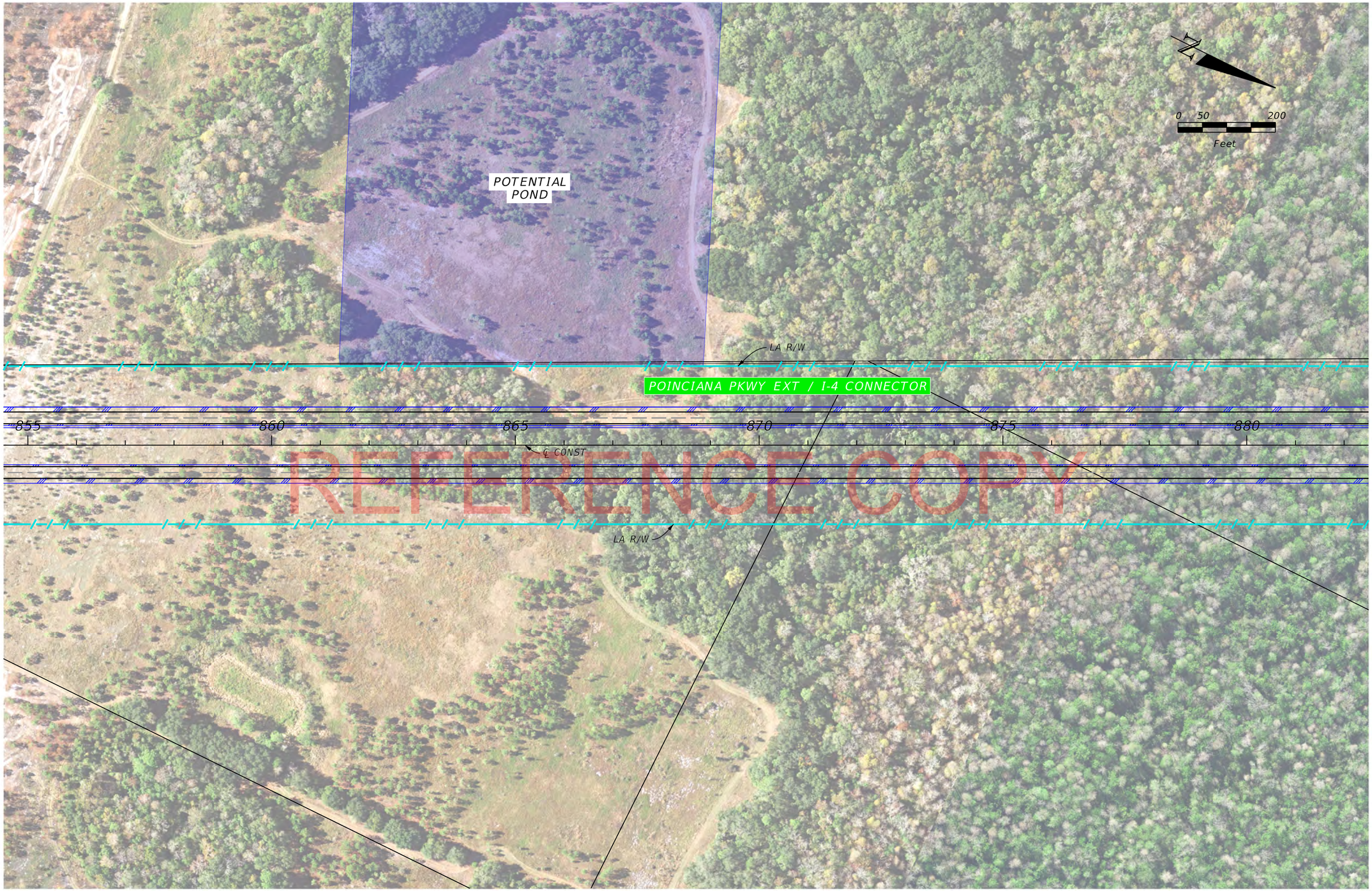

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Concept, Feasability and Mobility Study
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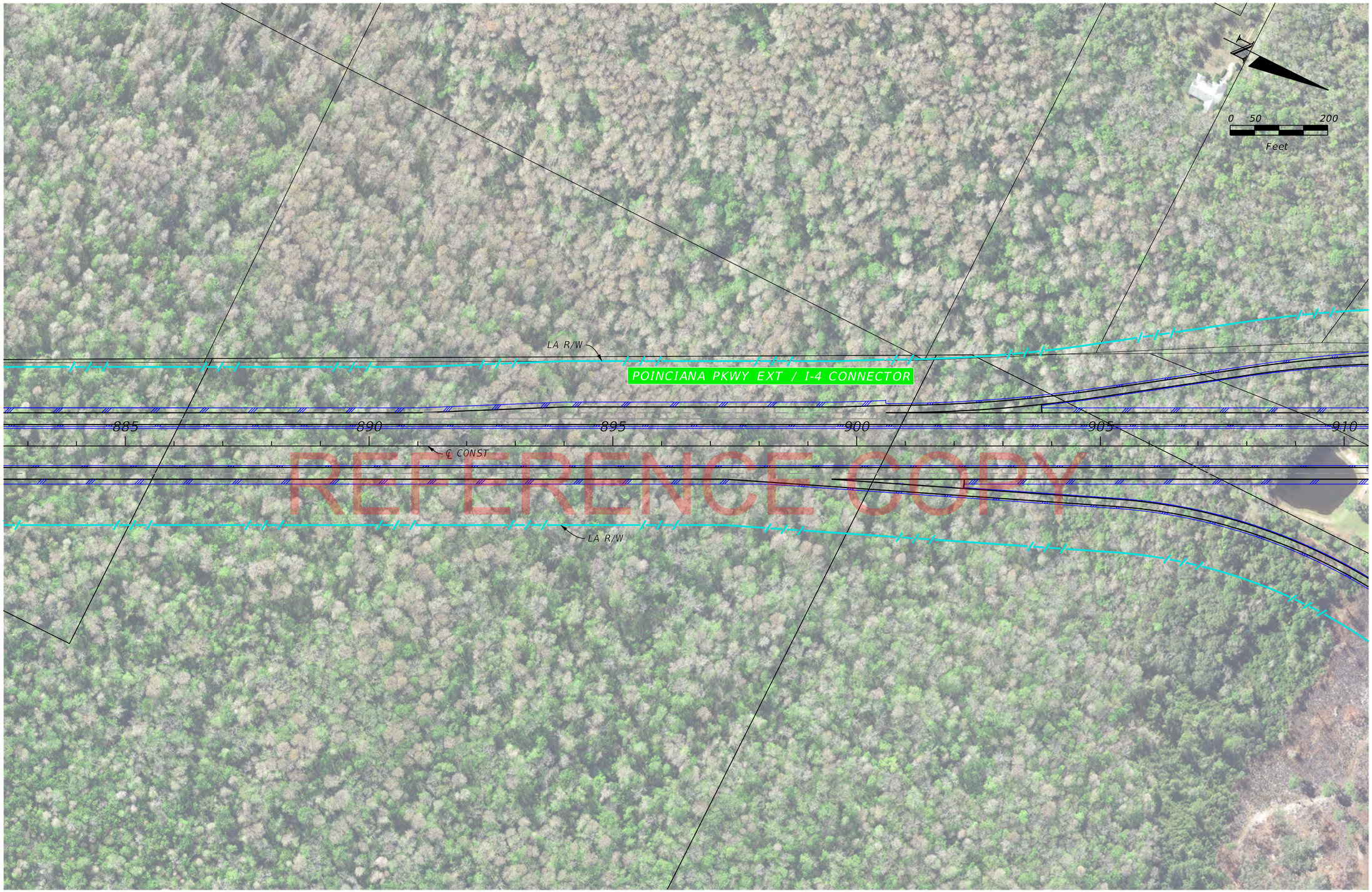
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5S

SHEET NO.
35S-4



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Concept, Feasability and Mobility Study
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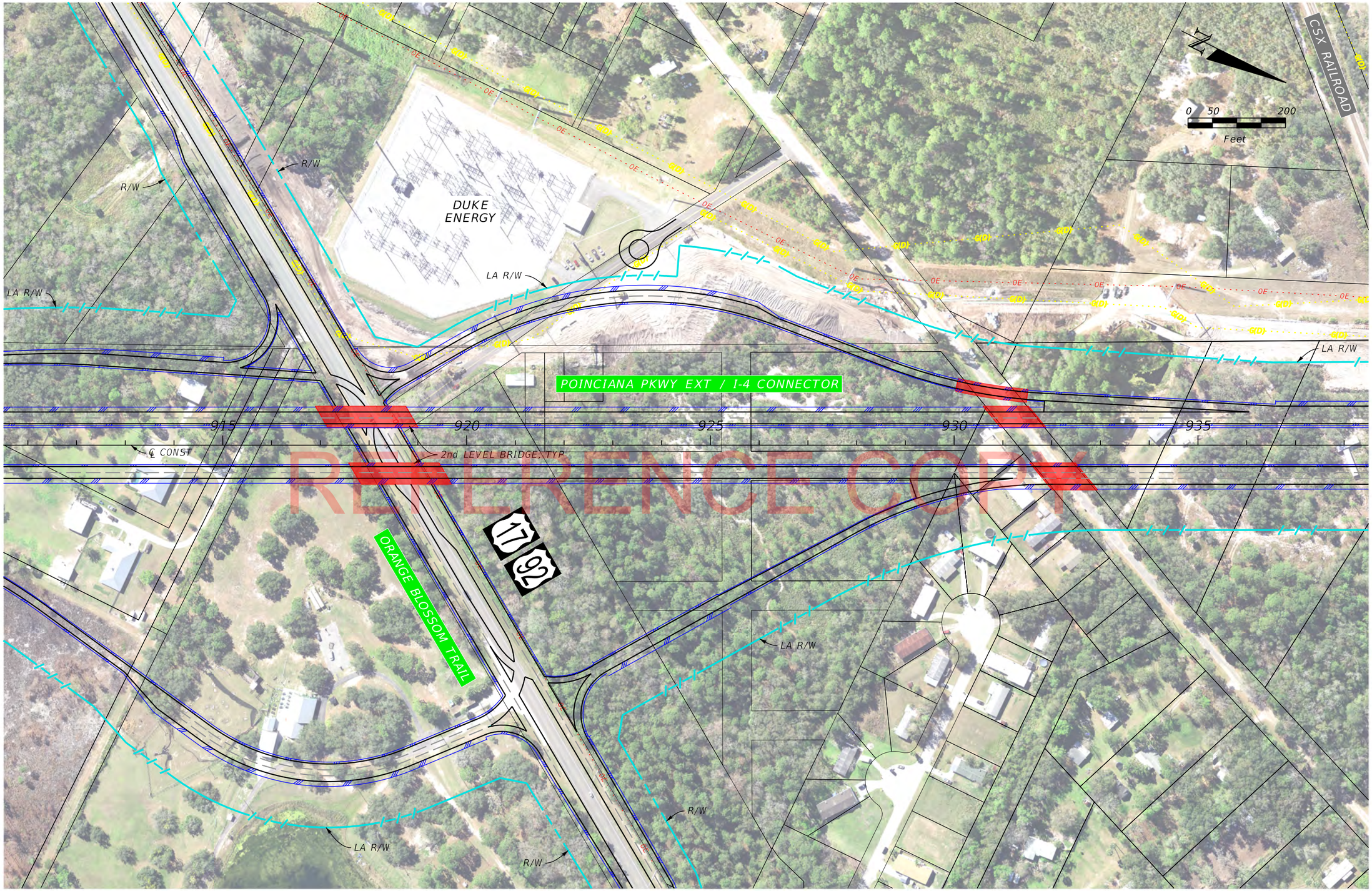
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5S

SHEET NO.
35S-5



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Alternative 3-5S

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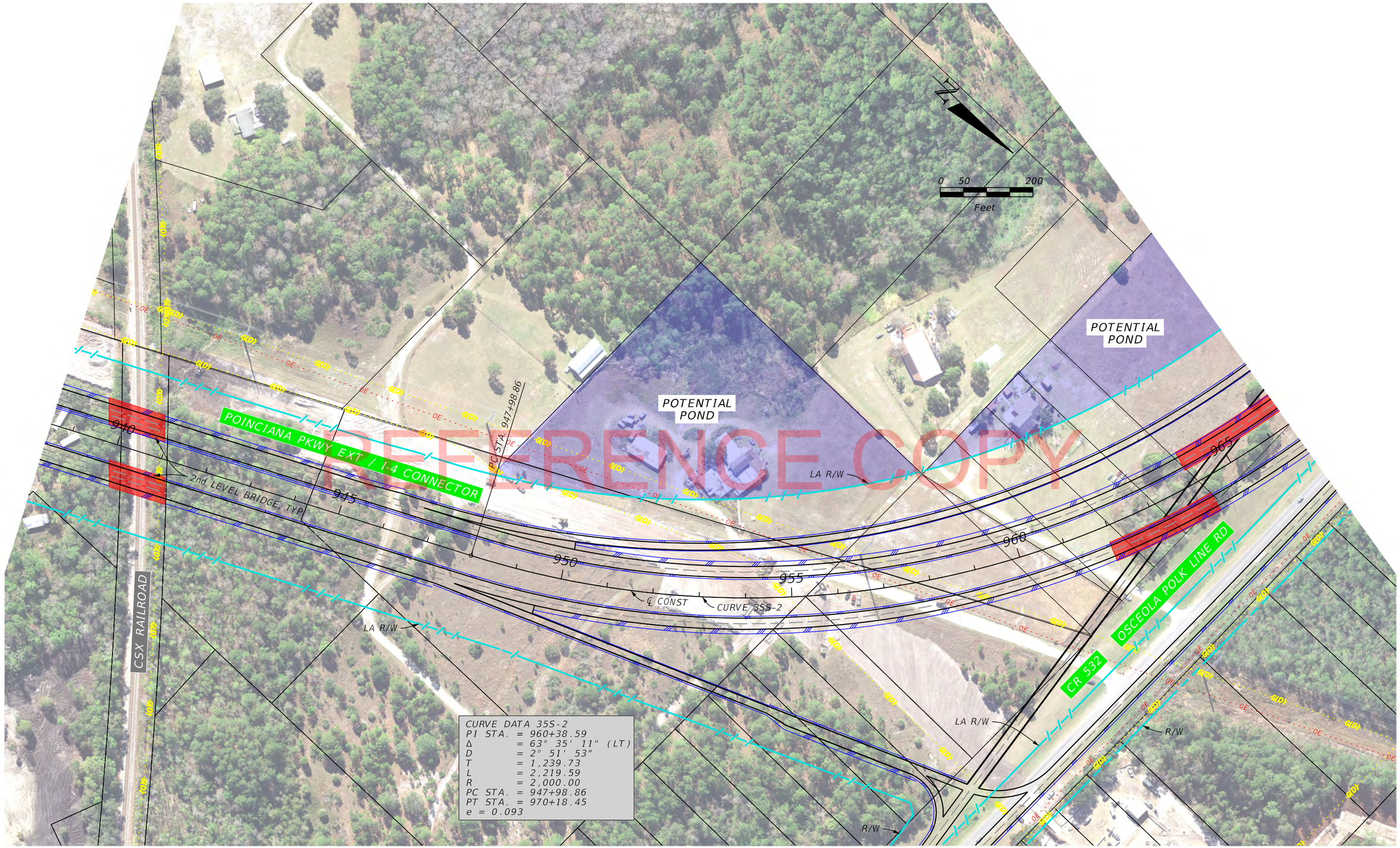

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Concept, Feasability and Mobility Study
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Alternative 3-5S

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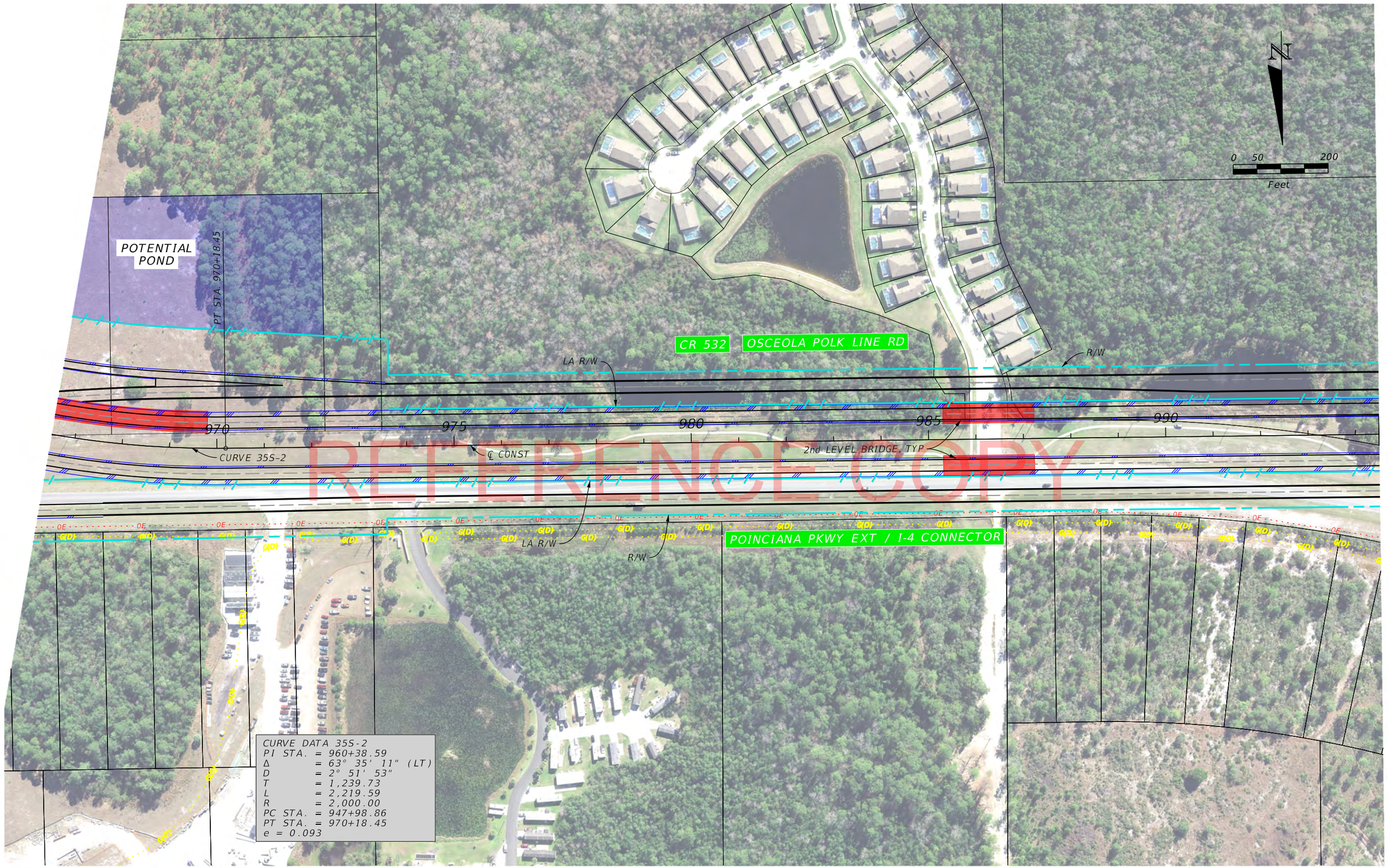

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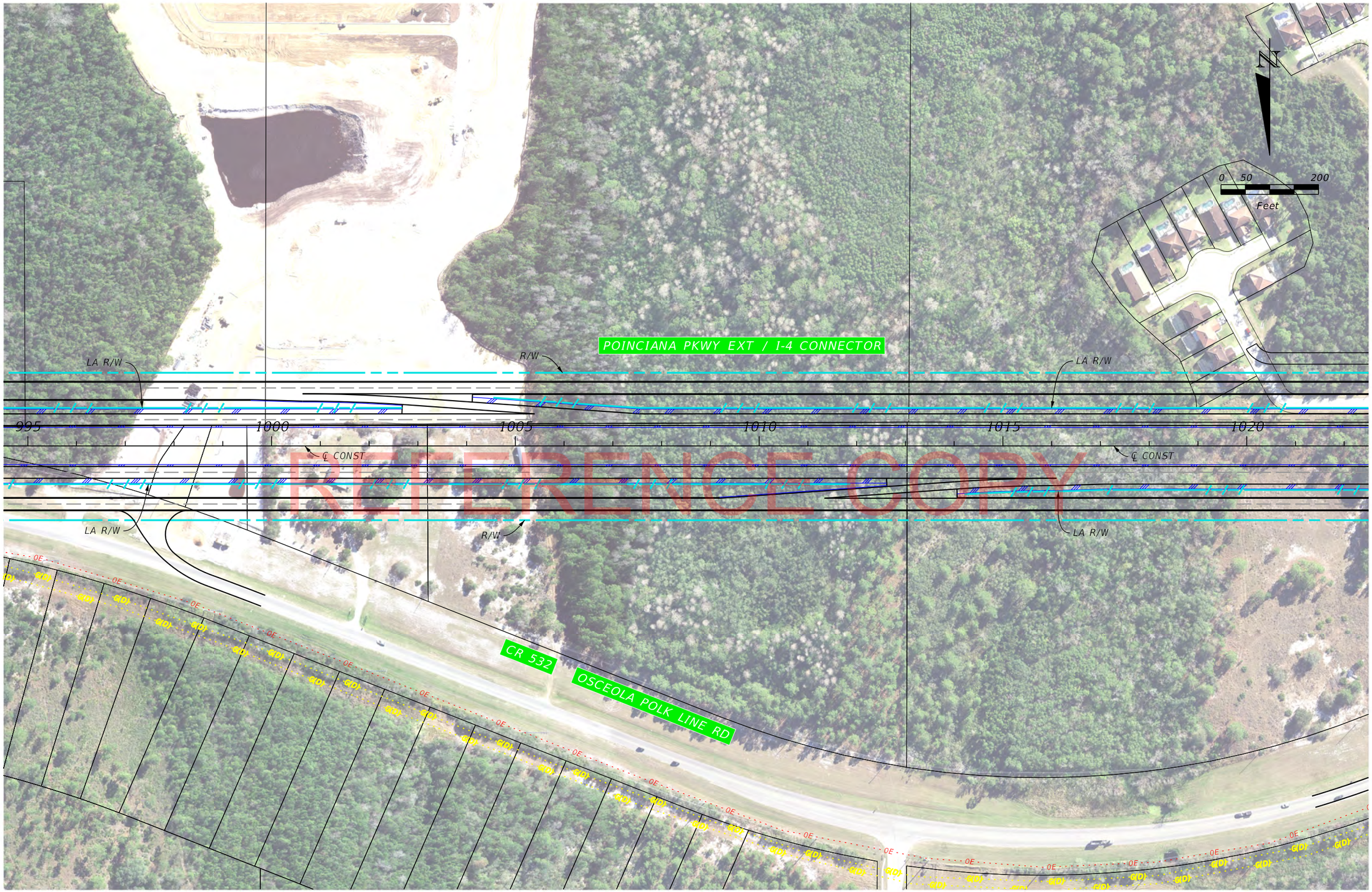

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Alternative 3-5S

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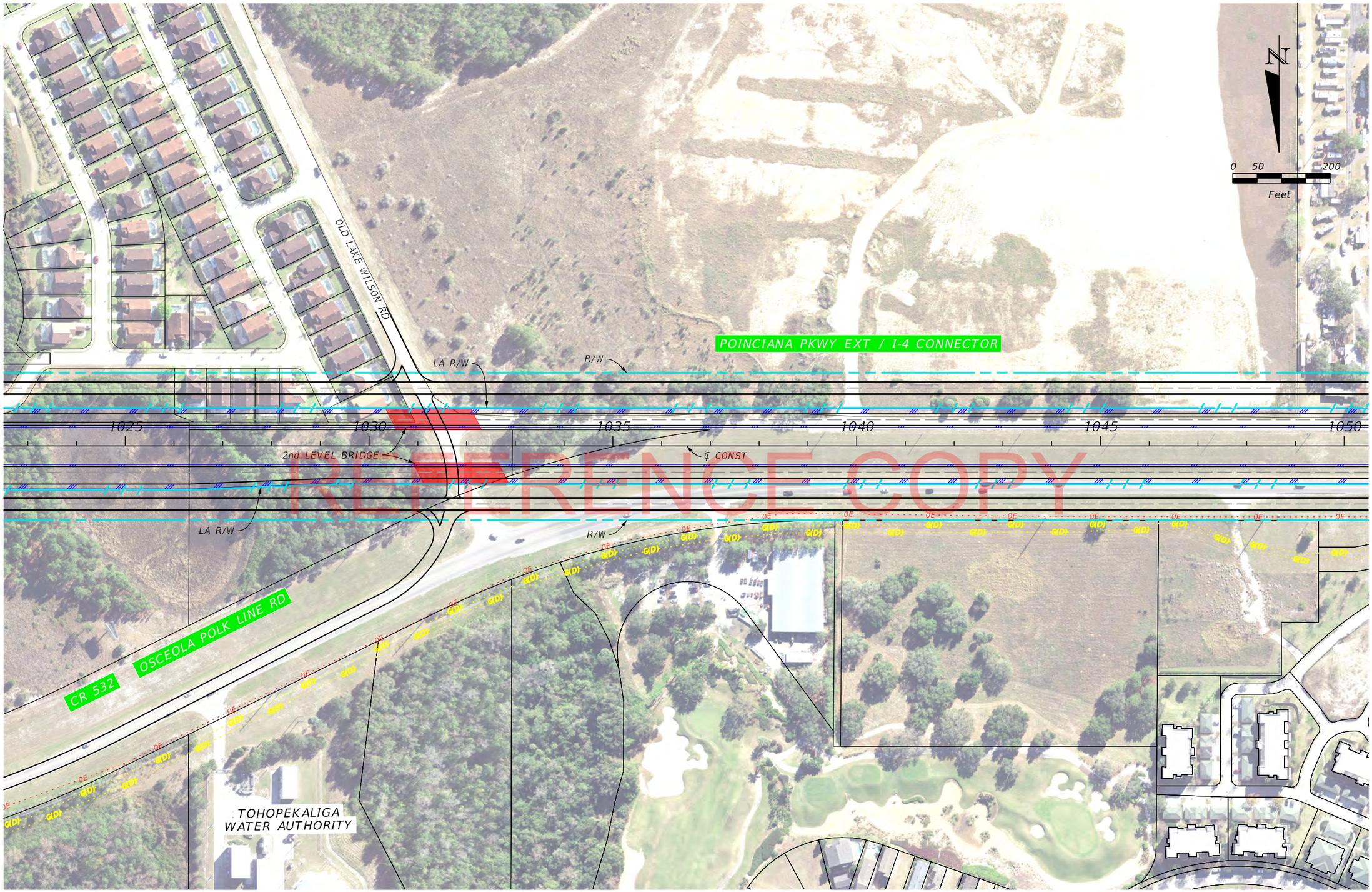

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Concept, Feasability and Mobility Study
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35S-10

POTENTIAL POND

CR 532 OSCEOLA POLK LINE RD

OLD LAKE WILSON RD

POINCIANA PKWY EXT / I-4 CONNECTOR

LA R/W

R/W

1055 1060 1065 1070 1075

℄ CONST

2nd LEVEL BRIDGE

N

0 50 200

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for the
Poinciana Parkway Extension / I-4 Connector

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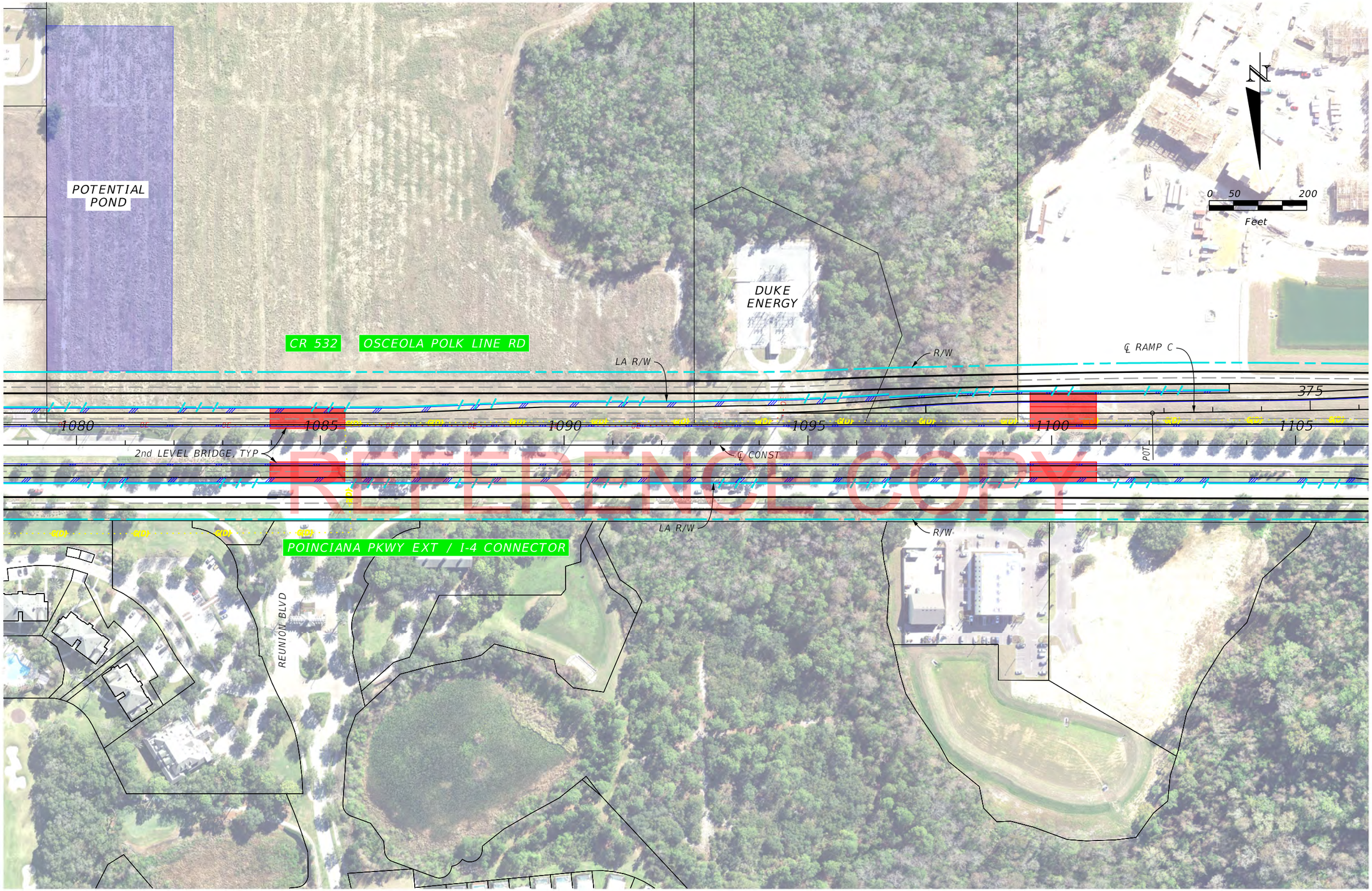

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Poinciana Parkway Extension / I-4 Connector

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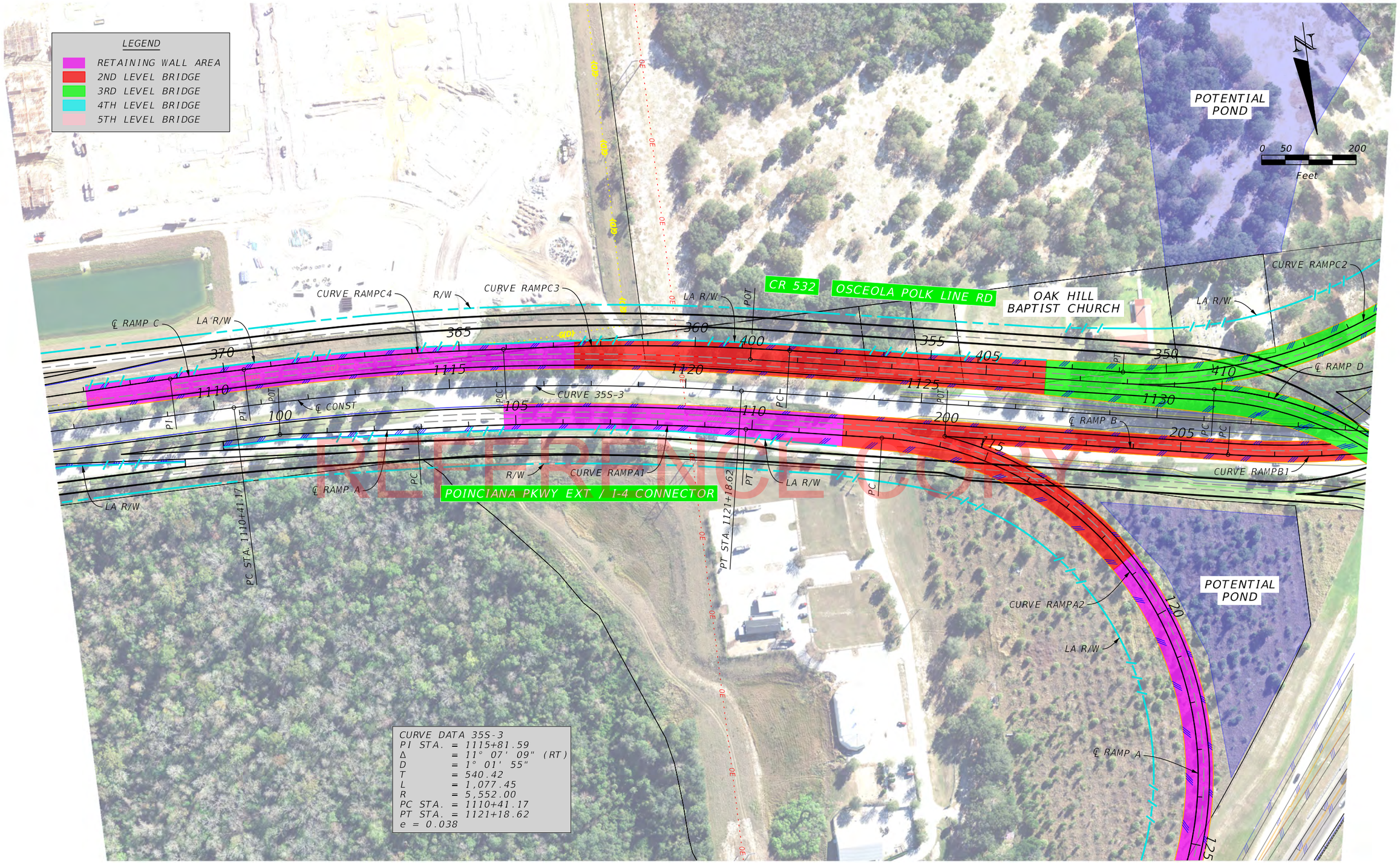

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Alternative 3-5S

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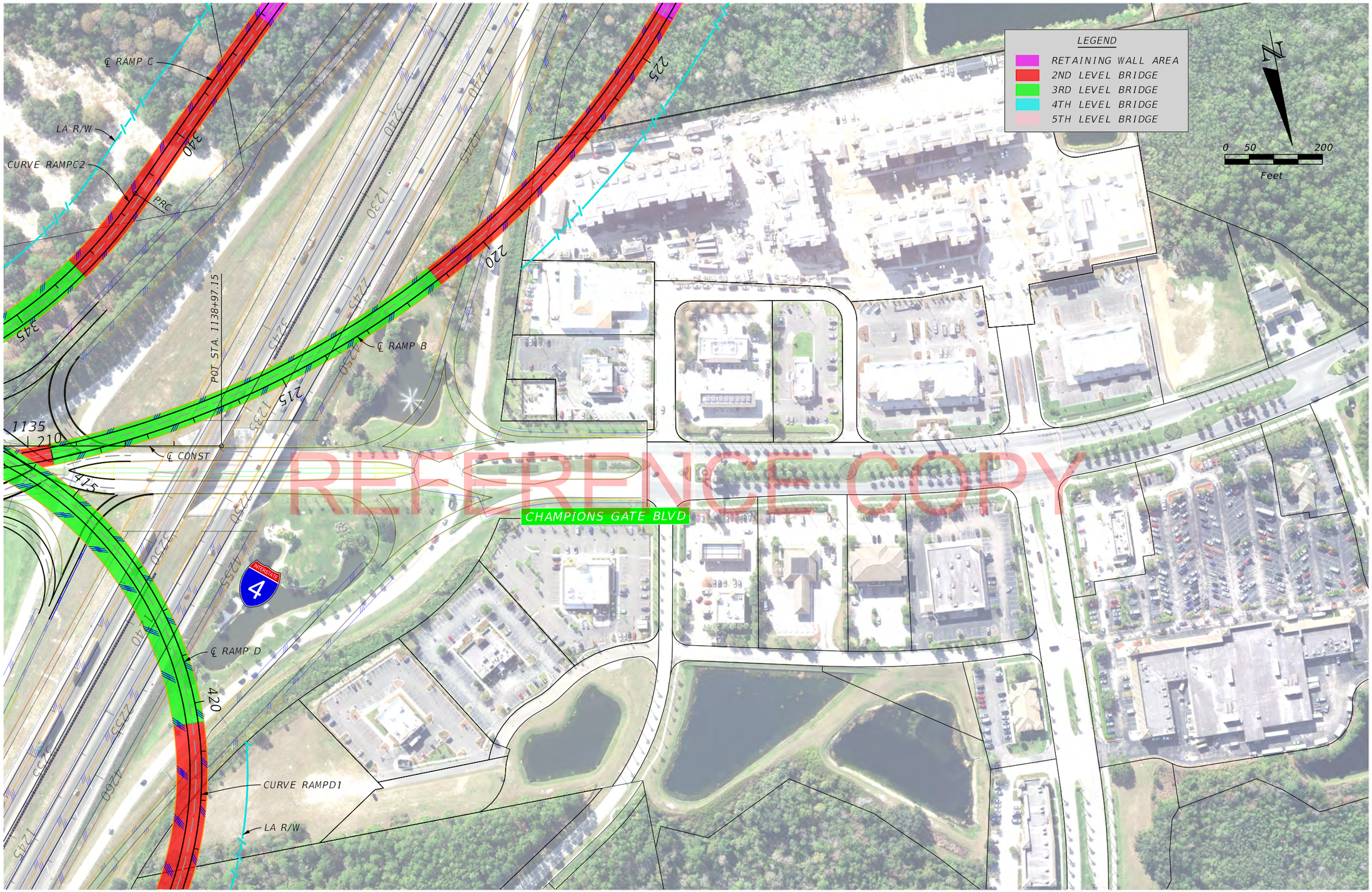

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Alternative 3-5S

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Alternative 3-5S

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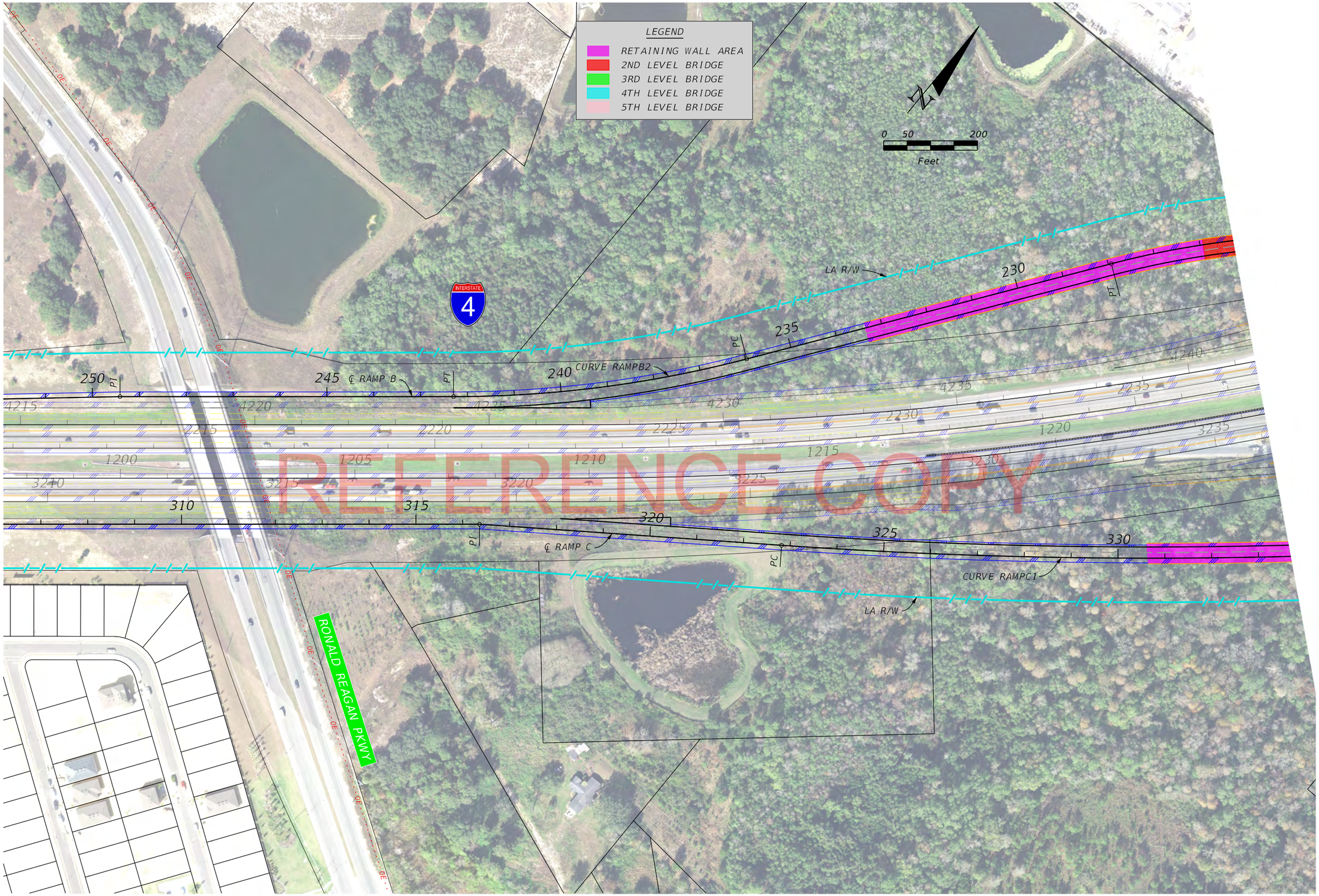

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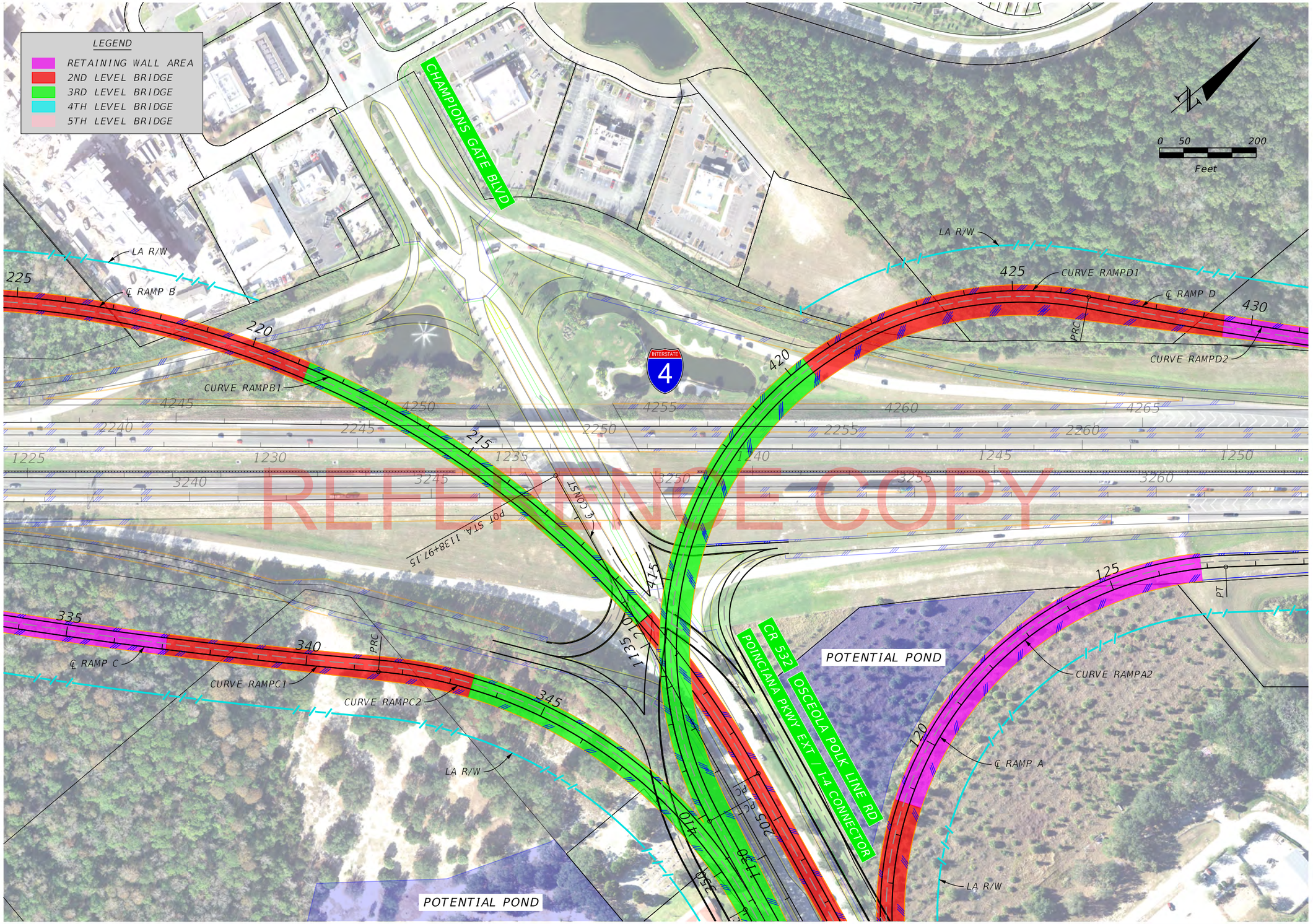

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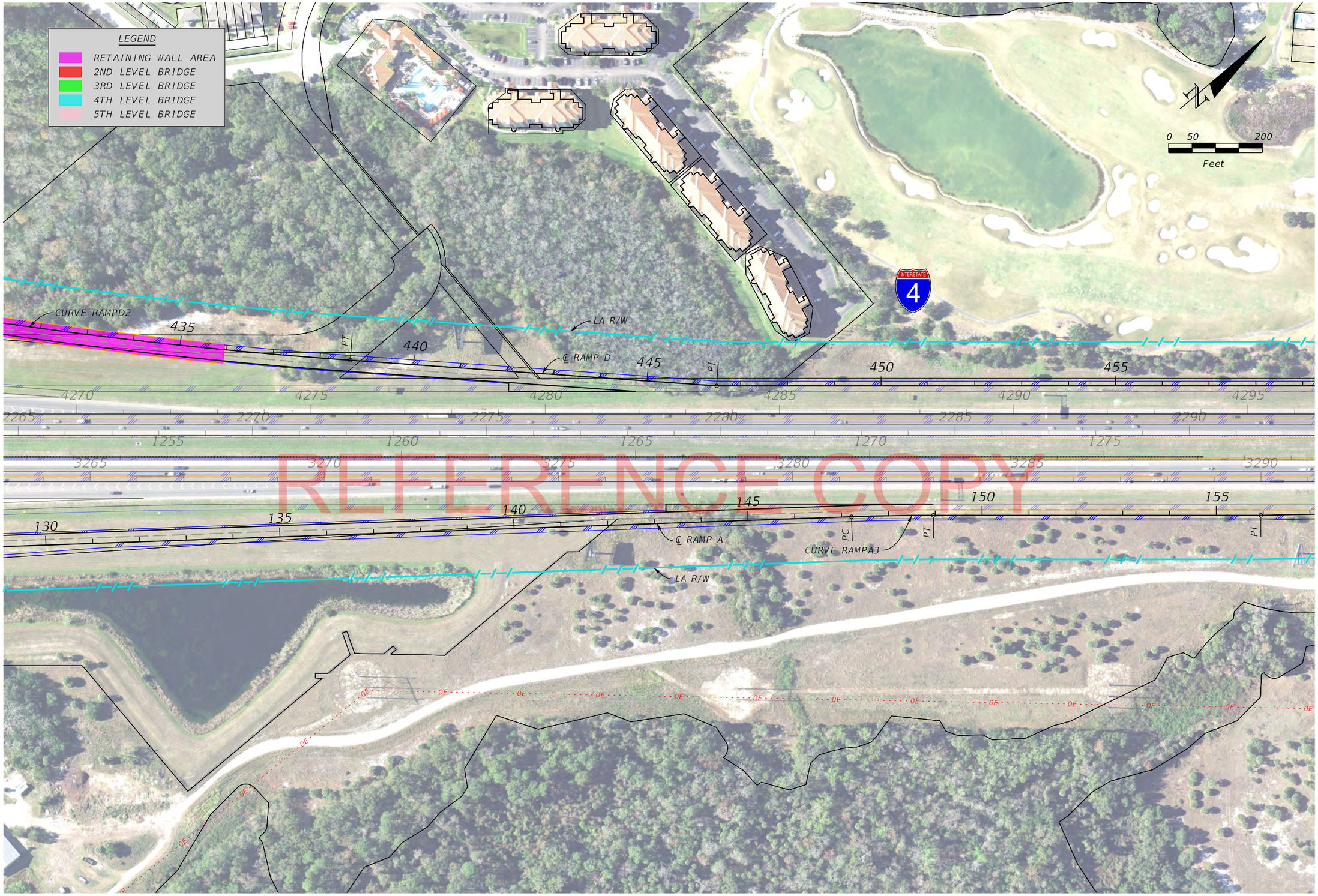

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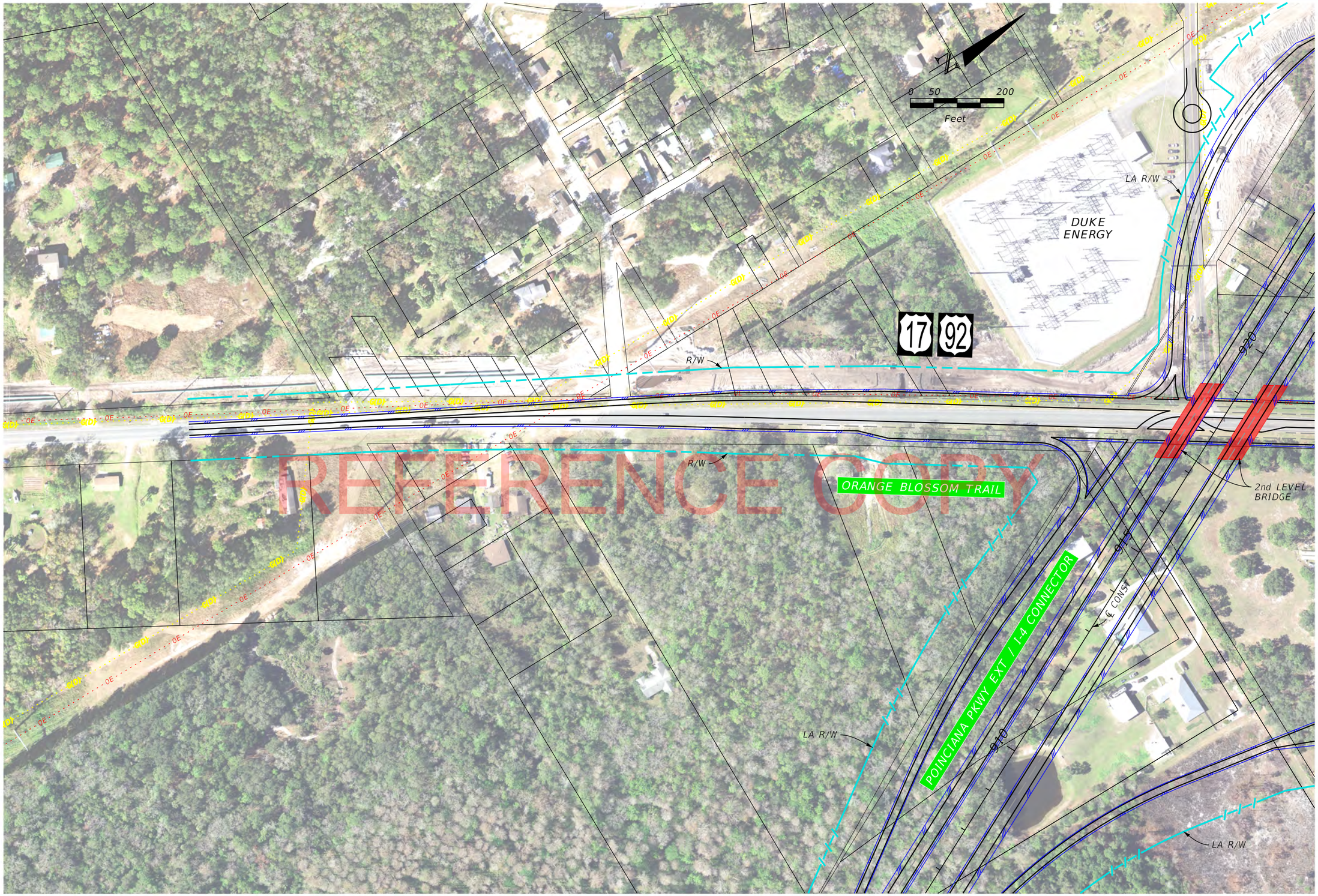

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35S-21

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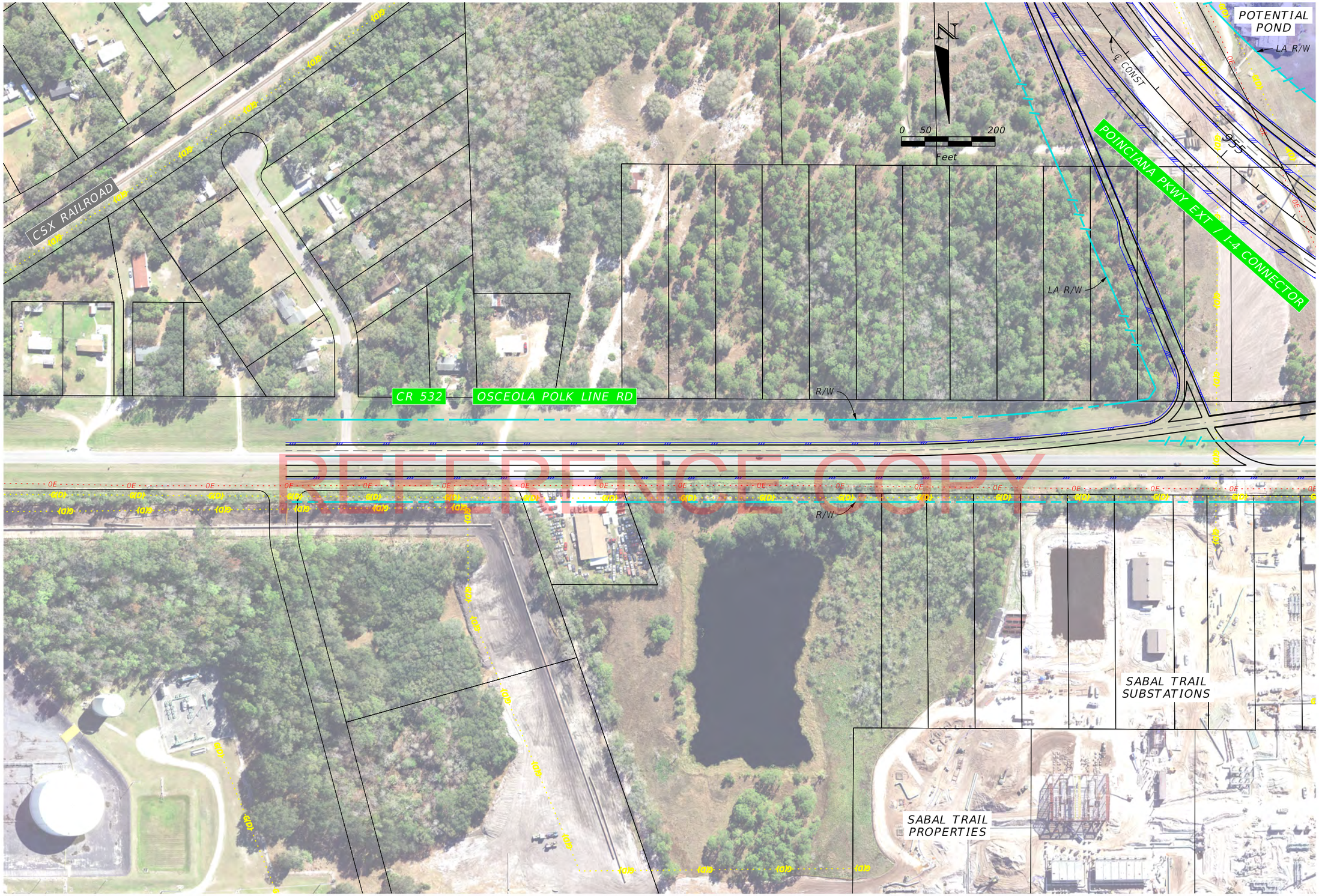

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3-5S

SHEET NO.
35S-22

Alternative 3-5S I-4 Interchange at SR 532 ~ Ramp Curve Data

RAMP A

```
CURVE DATA RAMPA1
PI STA. = 106+39.95
Δ       = 7° 17' 07" (RT)
D       = 1° 02' 49"
T       = 348.36
L       = 695.79
R       = 5,472.00
PC STA. = 102+91.58
PT STA. = 109+87.37
e = 0.022

CURVE DATA RAMPA2
PI STA. = 124+44.31
Δ       = 116° 59' 38" (RT)
D       = 8° 00' 08"
T       = 1,168.27
L       = 1,462.02
R       = 716.00
PC STA. = 112+76.05
PT STA. = 127+38.07
e = 0.10

CURVE DATA RAMPA3
PI STA. = 148+08.69
Δ       = 2° 00' 54" (RT)
D       = 1° 09' 05"
T       = 87.50
L       = 174.99
R       = 4,976.00
PC STA. = 147+21.18
PT STA. = 148+96.17
e = 0.024
```

RAMP B

```
CURVE DATA RAMPB1
PI STA. = 218+33.48
Δ       = 65° 16' 38" (LT)
D       = 2° 58' 41"
T       = 1,232.28
L       = 2,192.02
R       = 1,924.00
PC STA. = 206+01.20
PT STA. = 227+93.22
e = 0.057

CURVE DATA RAMPB2
PI STA. = 239+15.19
Δ       = 14° 37' 49" (RT)
D       = 2° 18' 51"
T       = 317.85
L       = 632.23
R       = 2,476.00
PC STA. = 235+97.35
PT STA. = 242+29.58
e = 0.046

CURVE DATA RAMPB3
PI STA. = 259+34.69
Δ       = 1° 29' 37" (RT)
D       = 0° 14' 21"
T       = 312.21
L       = 624.38
R       = 23,952.00
PC STA. = 256+22.48
PT STA. = 262+46.86
e = NC
```

RAMP C

```
CURVE DATA RAMPC1
PI STA. = 332+18.35
Δ       = 9° 29' 13" (LT)
D       = 0° 30' 28"
T       = 936.54
L       = 1,868.79
R       = 11,286.48
PC STA. = 322+81.82
PT STA. = 341+50.61
e = NC

CURVE DATA RAMPC2
PI STA. = 346+63.02
Δ       = 56° 08' 02" (RT)
D       = 5° 57' 44"
T       = 512.41
L       = 941.51
R       = 961.00
PC STA. = 341+50.61
PT STA. = 350+92.12
e = 0.092

CURVE DATA RAMPC3
PI STA. = 361+03.17
Δ       = 6° 52' 34" (LT)
D       = 1° 08' 00"
T       = 303.75
L       = 606.78
R       = 5,056.10
PC STA. = 357+99.42
PT STA. = 364+06.20
e = 0.024

CURVE DATA RAMPC4
PI STA. = 366+82.25
Δ       = 5° 36' 44" (LT)
D       = 1° 01' 02"
T       = 276.05
L       = 551.66
R       = 5,632.00
PC STA. = 364+06.20
PT STA. = 369+57.86
e = 0.021
```

RAMP D

```
CURVE DATA RAMPD1
PI STA. = 425+62.06
Δ       = 129° 47' 30" (RT)
D       = 7° 45' 11"
T       = 1,577.30
L       = 1,674.05
R       = 739.00
PC STA. = 409+84.76
PT STA. = 426+58.81
e = 0.10

CURVE DATA RAMPD2
PI STA. = 432+62.39
Δ       = 6° 46' 59" (LT)
D       = 0° 33' 45"
T       = 603.58
L       = 1,205.75
R       = 10,185.02
PC STA. = 426+58.81
PT STA. = 438+64.56
e = NC
```

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

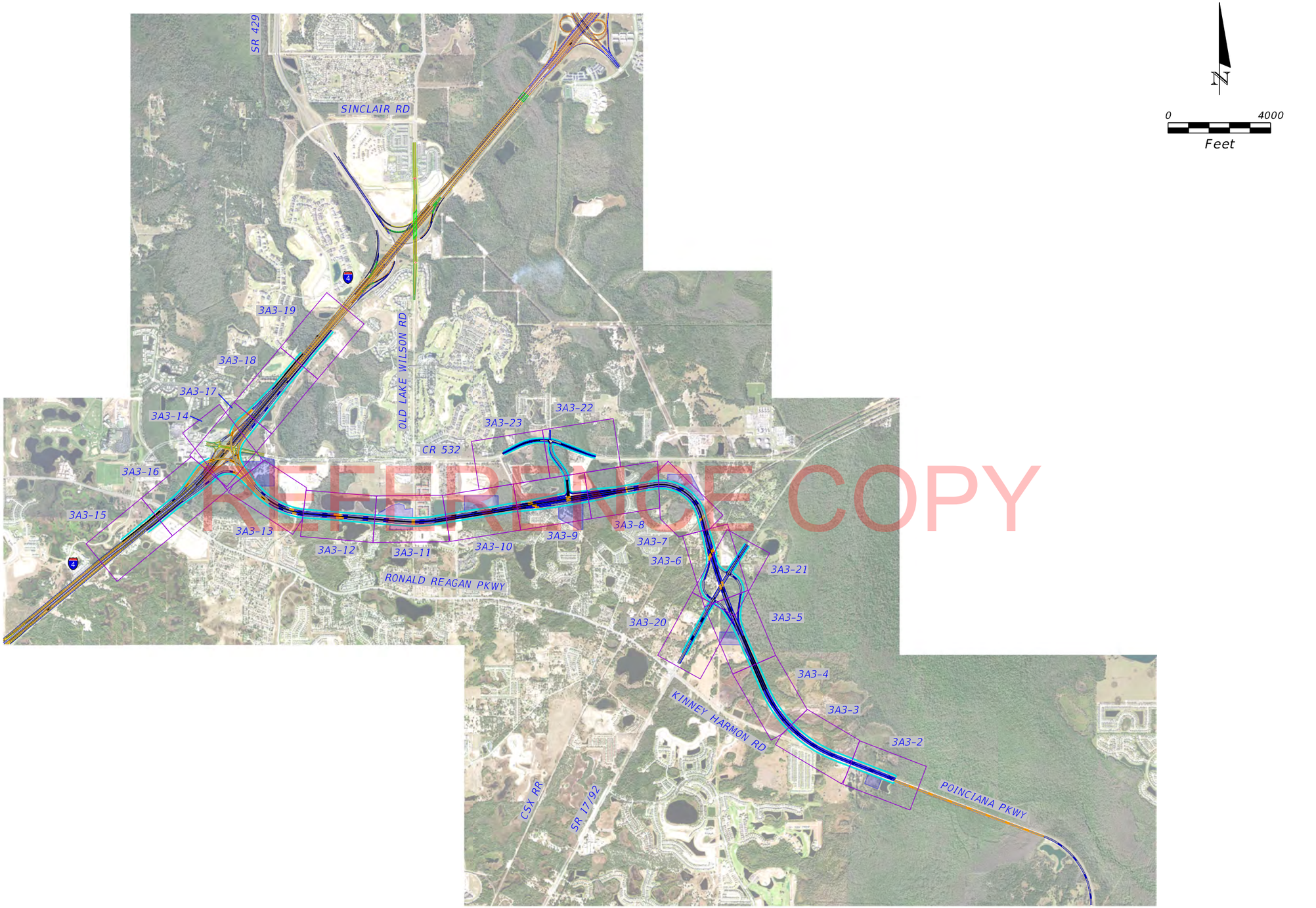
Alternative 3-5S

SHEET NO.
35S-23

APPENDIX T

Concept Plans for Alternative 3A-3

REFERENCE COPY



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.

3A3-1

SEE POINCIANA PARKWAY EXPANSION PLANS FOR CONTINUATION

STATION EQUATION
POT STA. 809+21.14
℄ CONST ALT 2A-1 =
PI STA. 809+21.14
℄ CONST ALT 3A-3

POTENTIAL POND

LA R/W

POINCIANA PKWY EXT / I-4 CONNECTOR

POINCIANA PKWY

EXIST R/W

2nd LEVEL BRIDGE

800 805 810 815 820 825

℄ CONST

EXIST R/W

ORIGINAL POINCIANA PARKWAY ℄ ALIGNMENT USED FOR CONTINUITY WITH RECENTLY CONSTRUCTED PROJECT

DEMO EXIST KINNEY HARMON

LA R/W

N

0 50 200
Feet

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-2

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REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

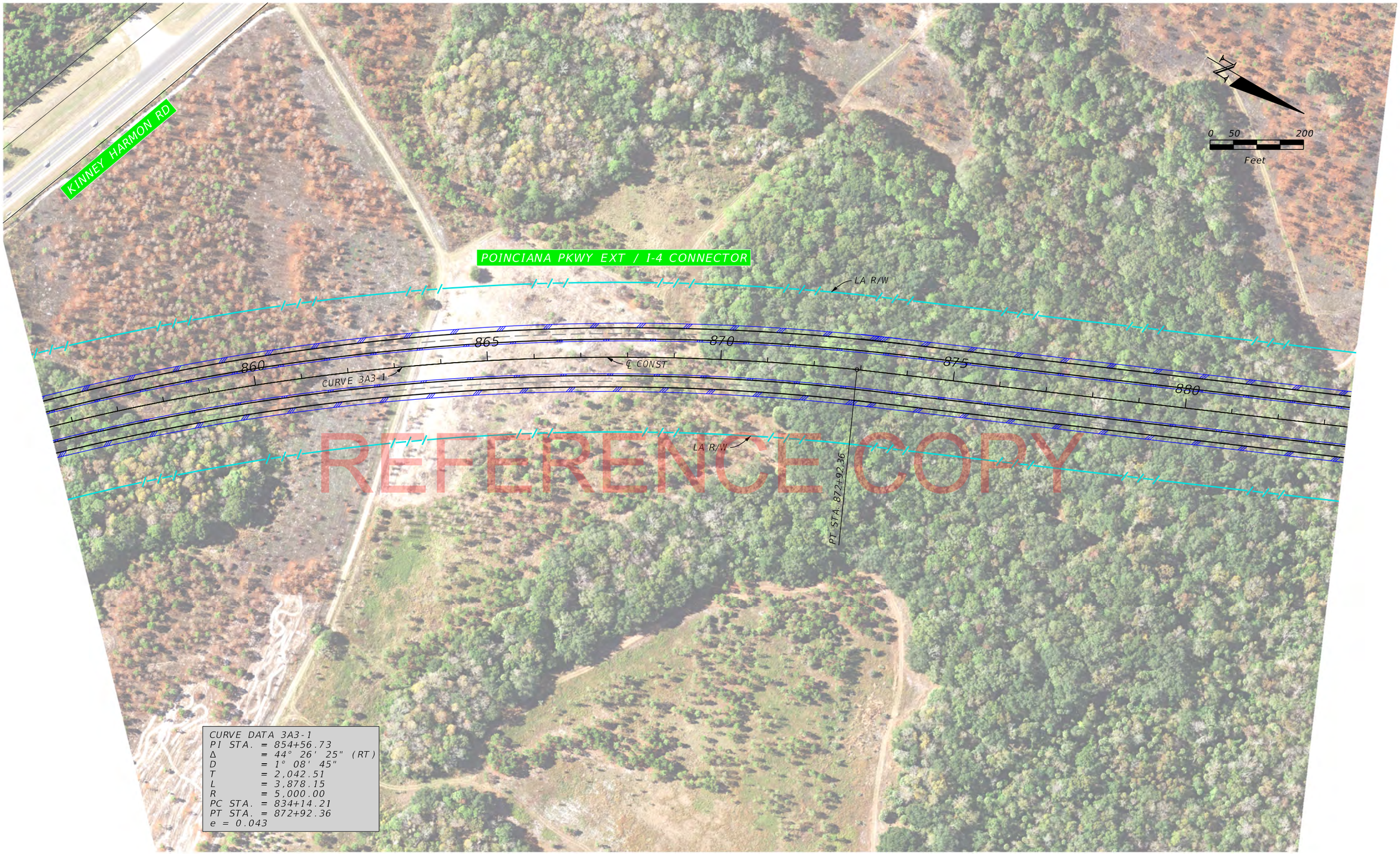
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-3

Bill.Lemos 3/21/2018 5:04:10 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3A-3-15.dgn



REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

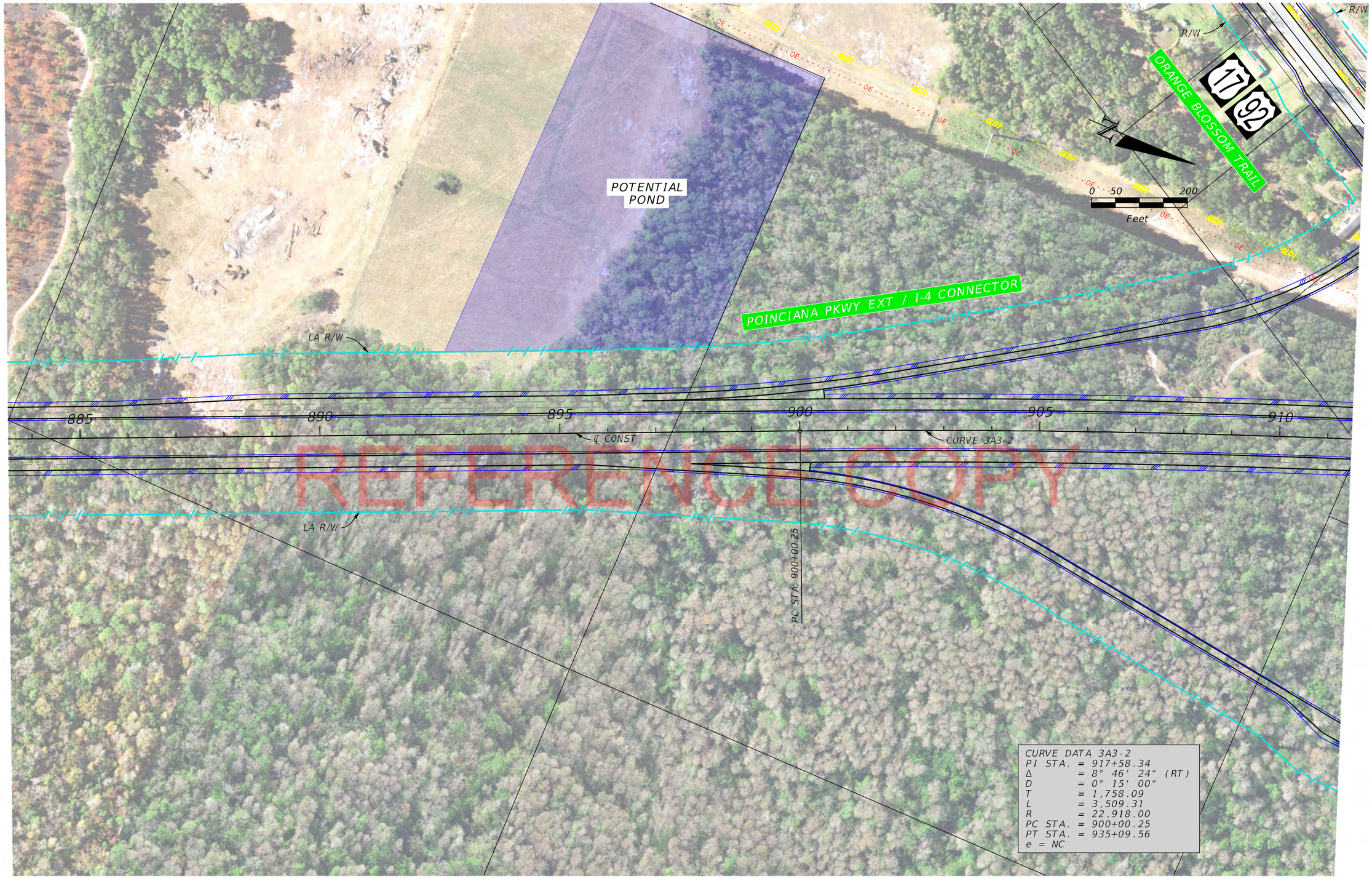
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.

3A3-4



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

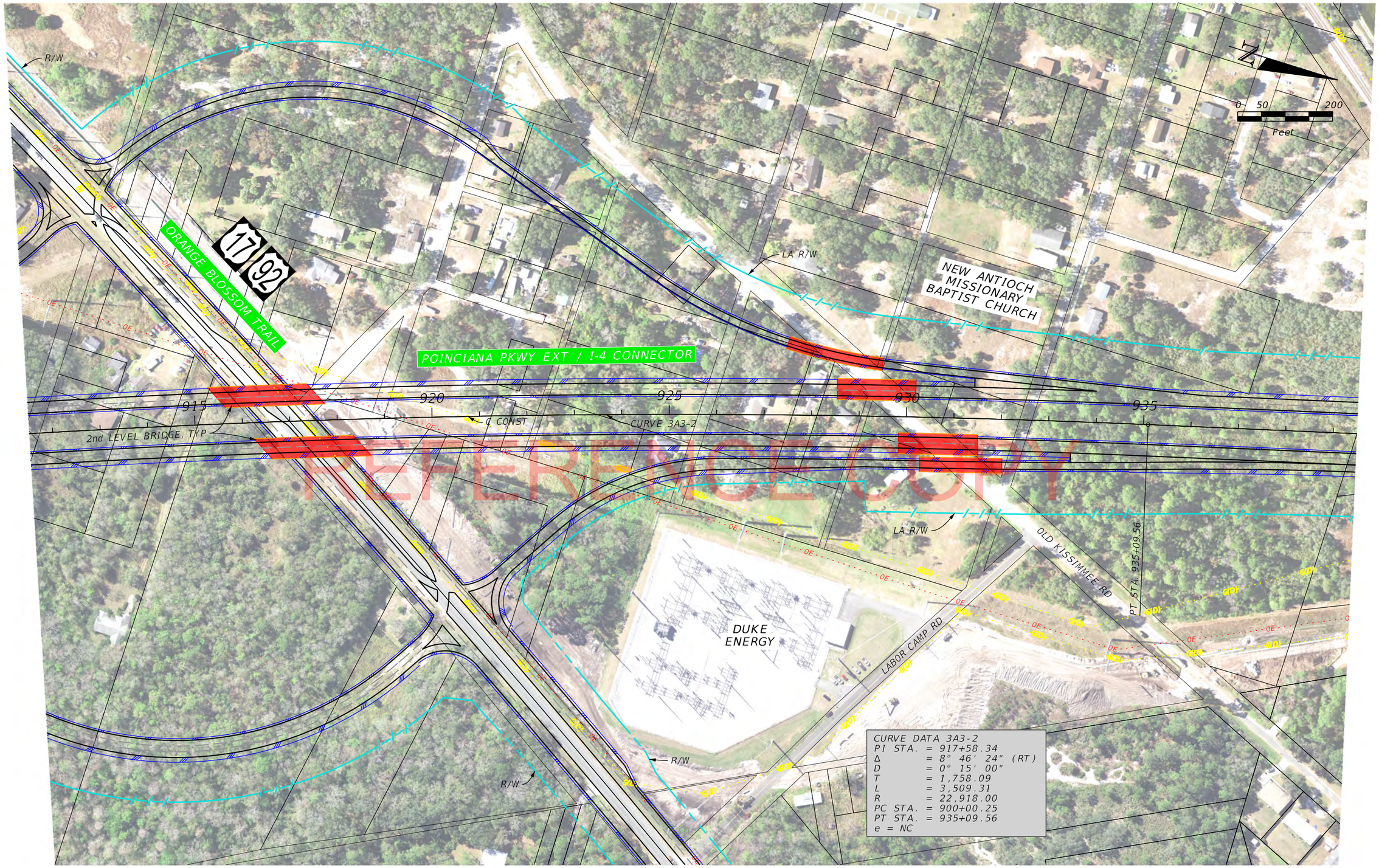
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.

3A3-5



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-6

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REFERENCE COPY

N

0 50 200
Feet

POINCIANA PKWY EXT / I-4 CONNECTOR

940
945
950
955
960
965

2nd LEVEL BRIDGE

PC STA. 945+23.91

℄ CONST

CURVE 3A3-3

LA R/W

POTENTIAL POND

CURVE DATA 3A3-3
PI STA. = 960+07.51
Δ = 84° 22' 18" (LT)
D = 3° 30' 00"
T = 1,483.60
L = 2,410.59
R = 1,637.00
PC STA. = 945+23.91
PT STA. = 969+34.50
e = 0.10

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-7

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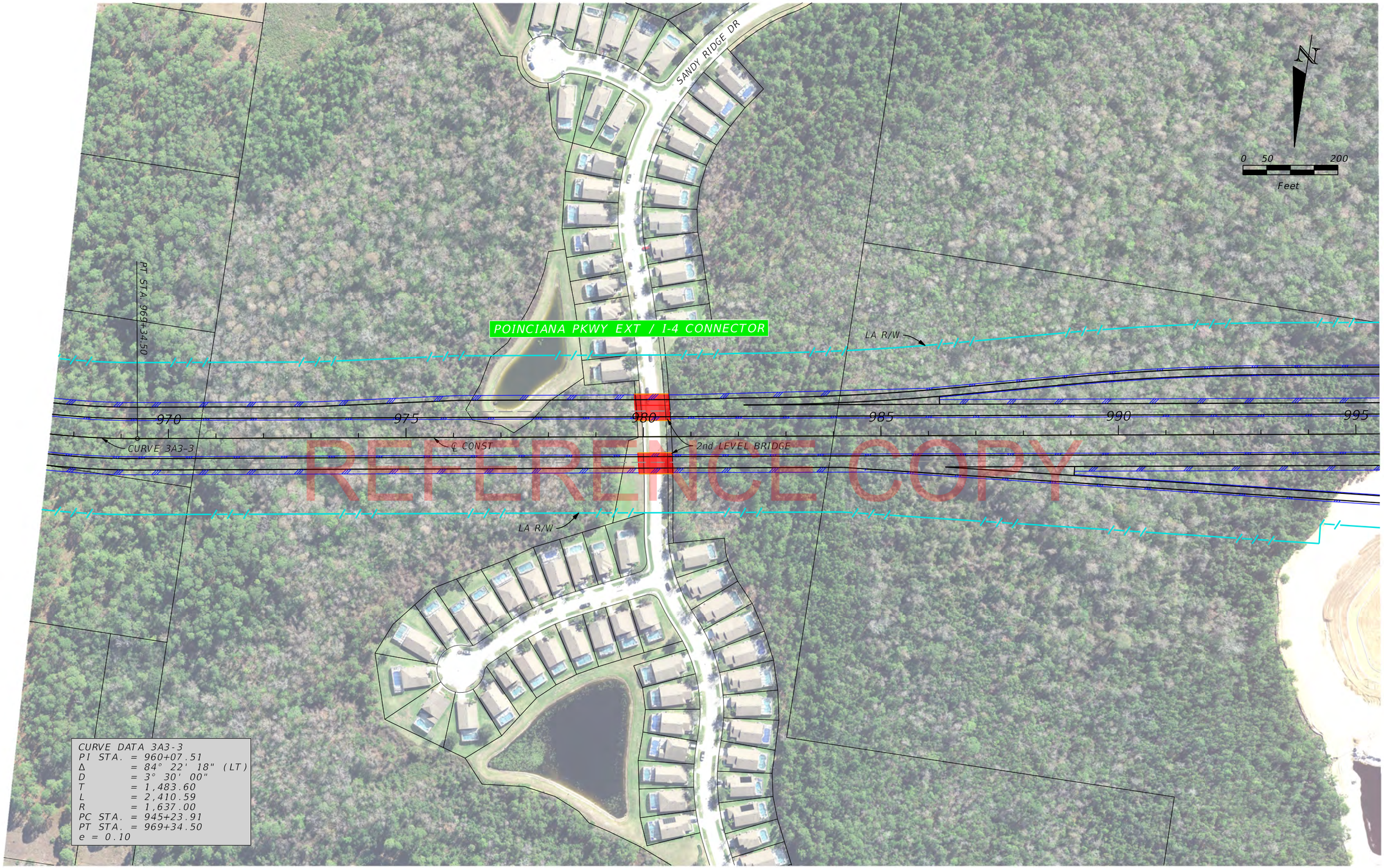

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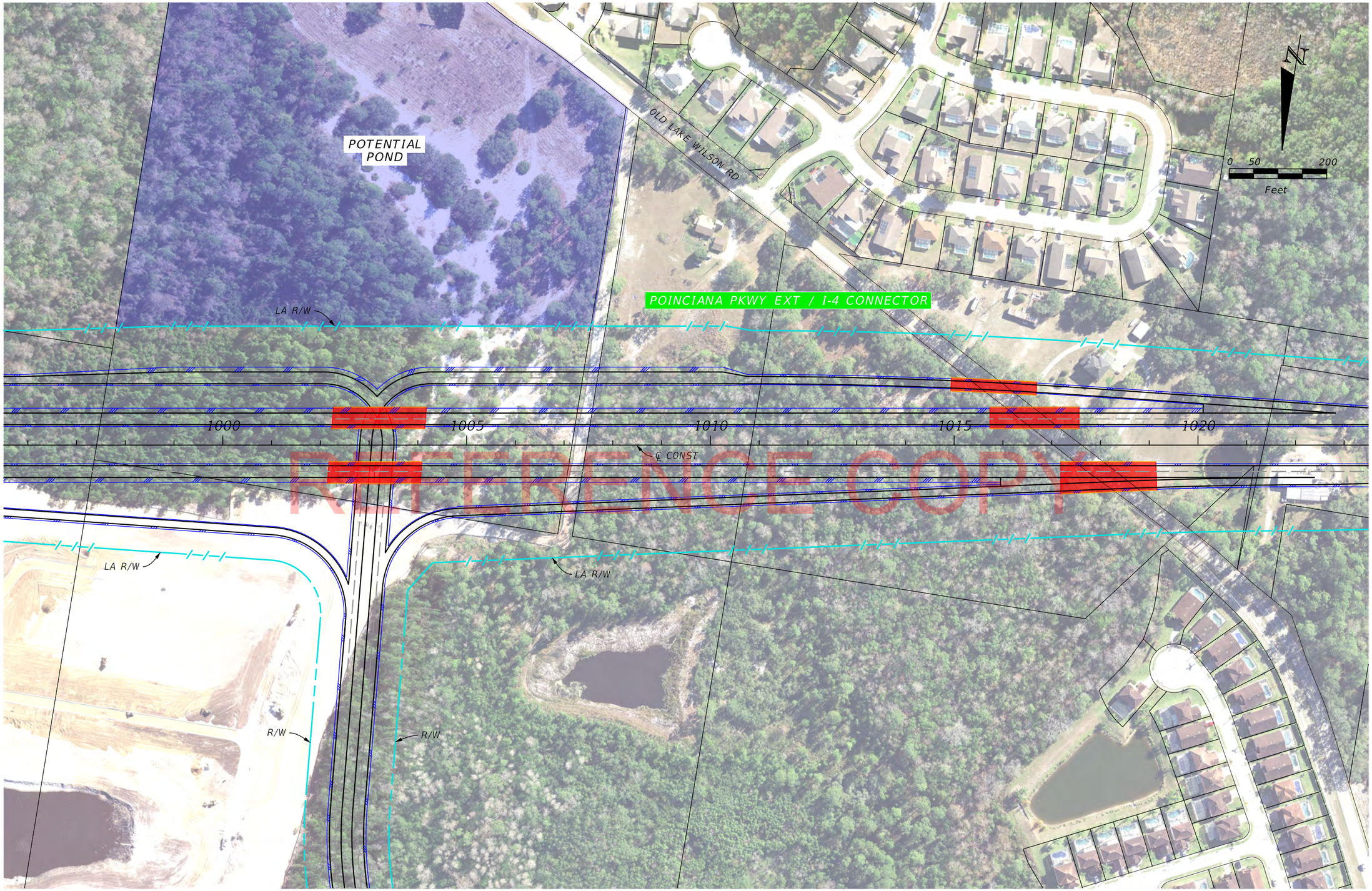
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-8



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-9

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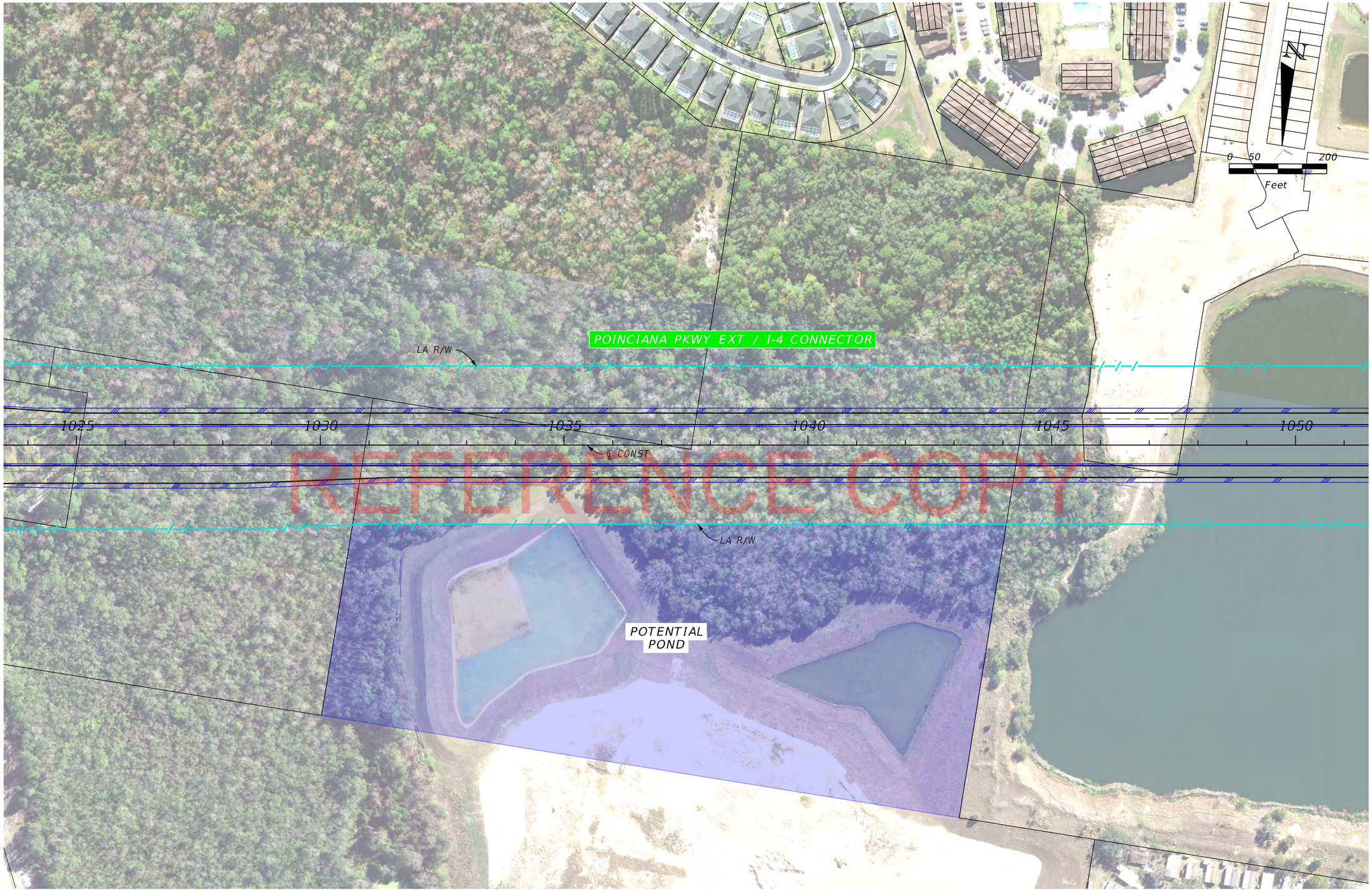

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-10

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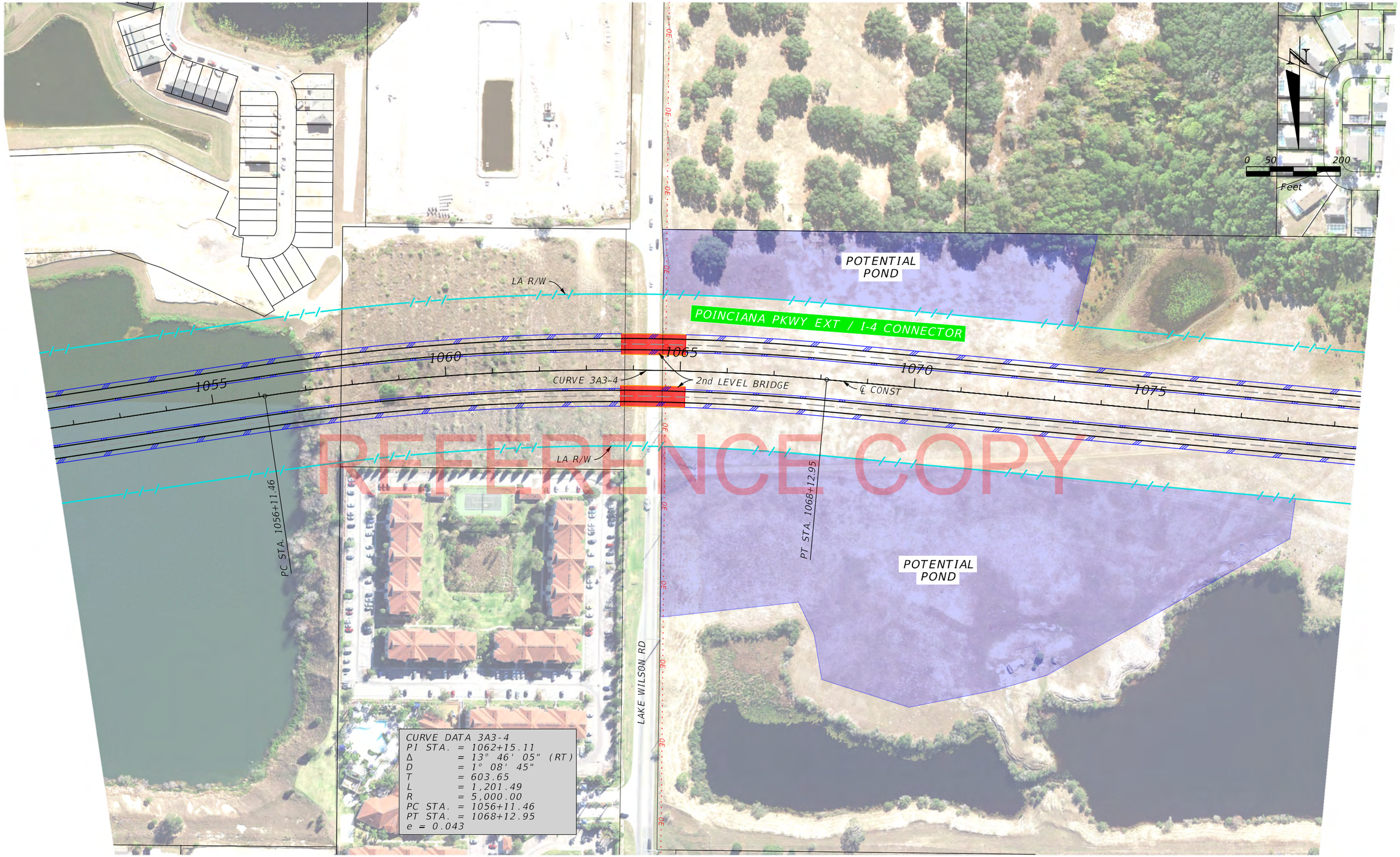

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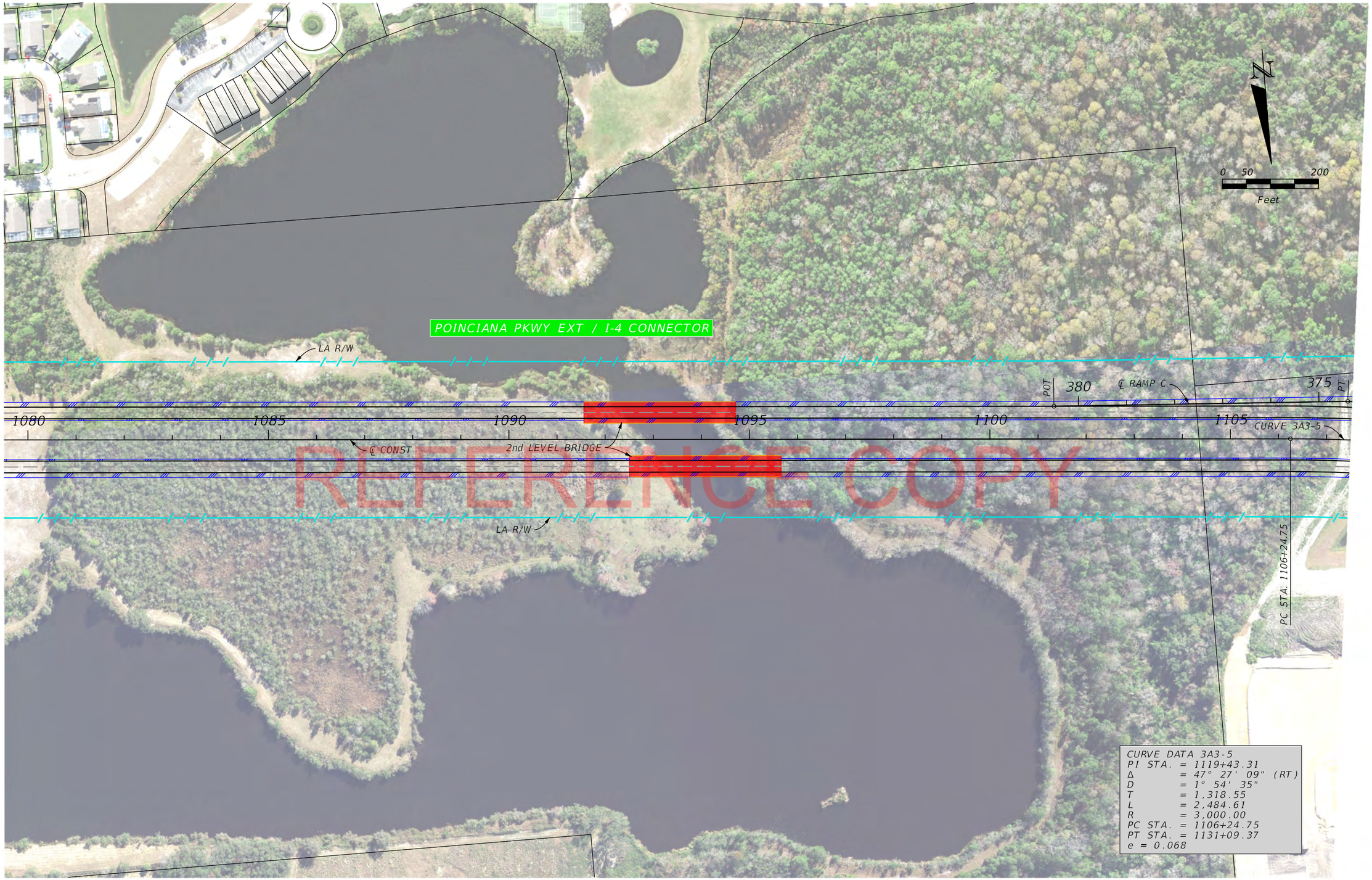
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-11



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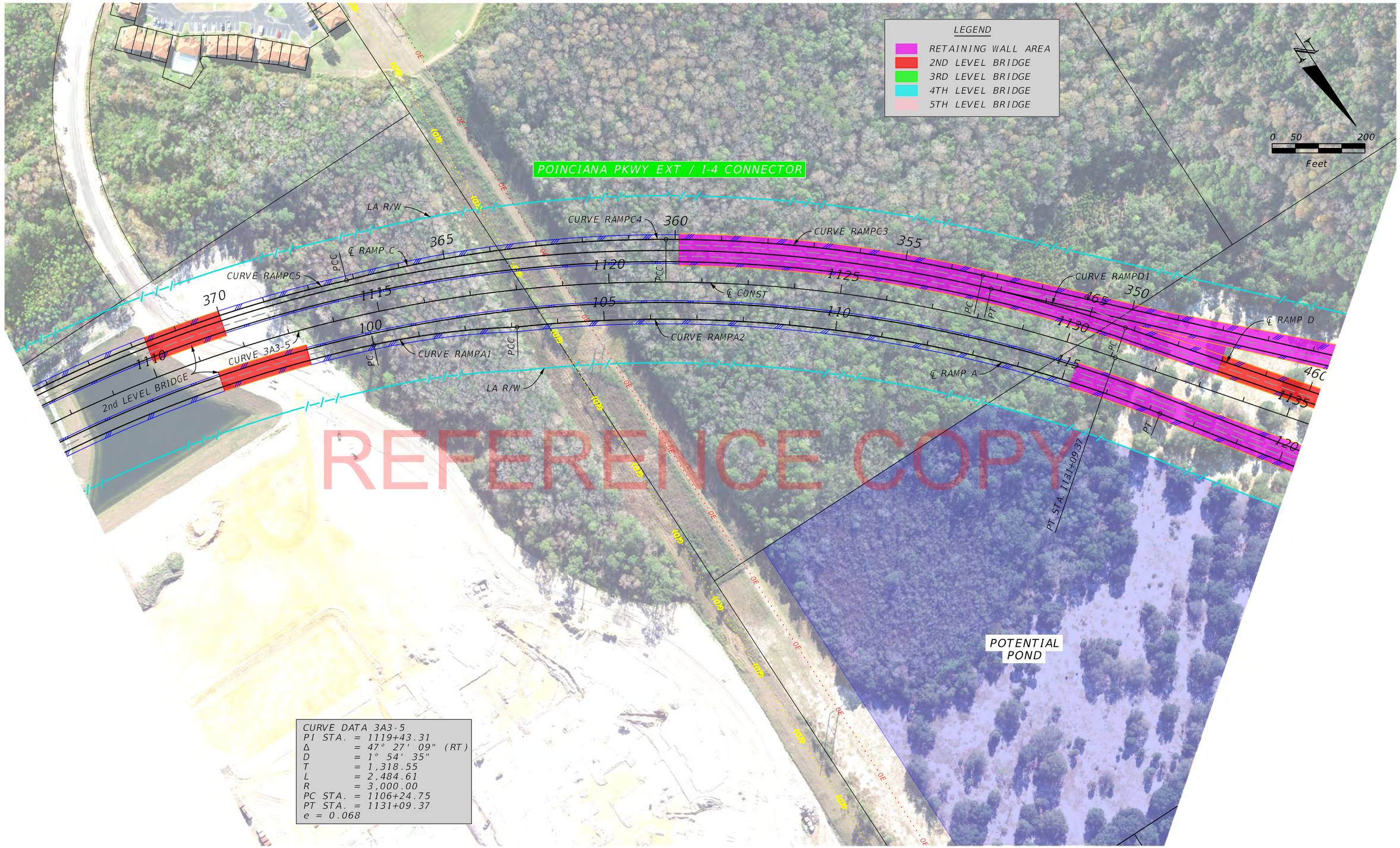
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-12



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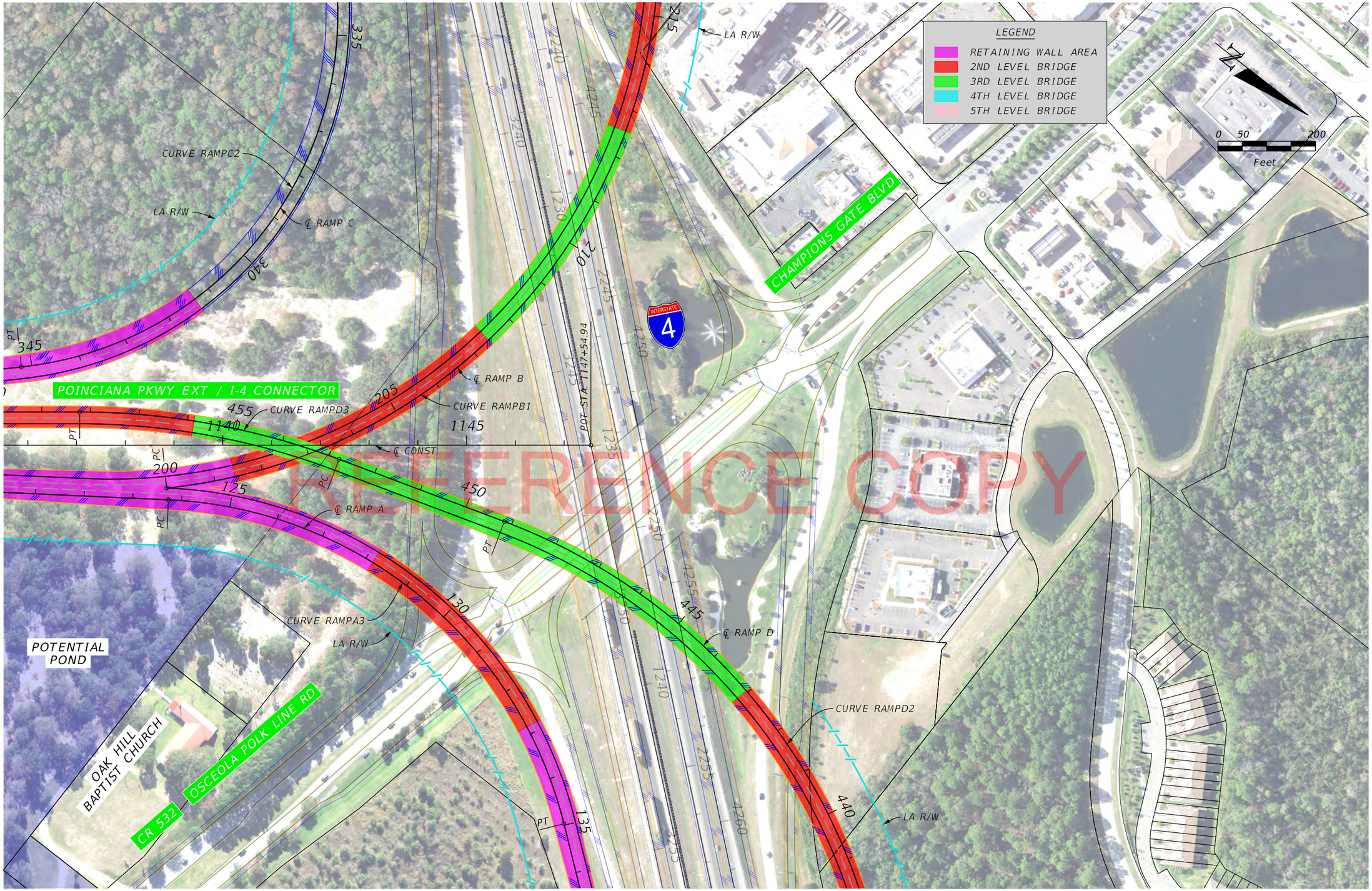
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-13



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-14

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-15

LEGEND

RETAINING WALL AREA
2ND LEVEL BRIDGE
3RD LEVEL BRIDGE
4TH LEVEL BRIDGE
5TH LEVEL BRIDGE

0 50 200
Feet

INTERSTATE 4

RONALD REAGAN PKWY

LA R/W

℄ RAMP B

PI

PT

CURVE RAMPB2

PC

CURVE RAMPB1

℄ RAMP C

PI

PC

CURVE RAMP C1

OE

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

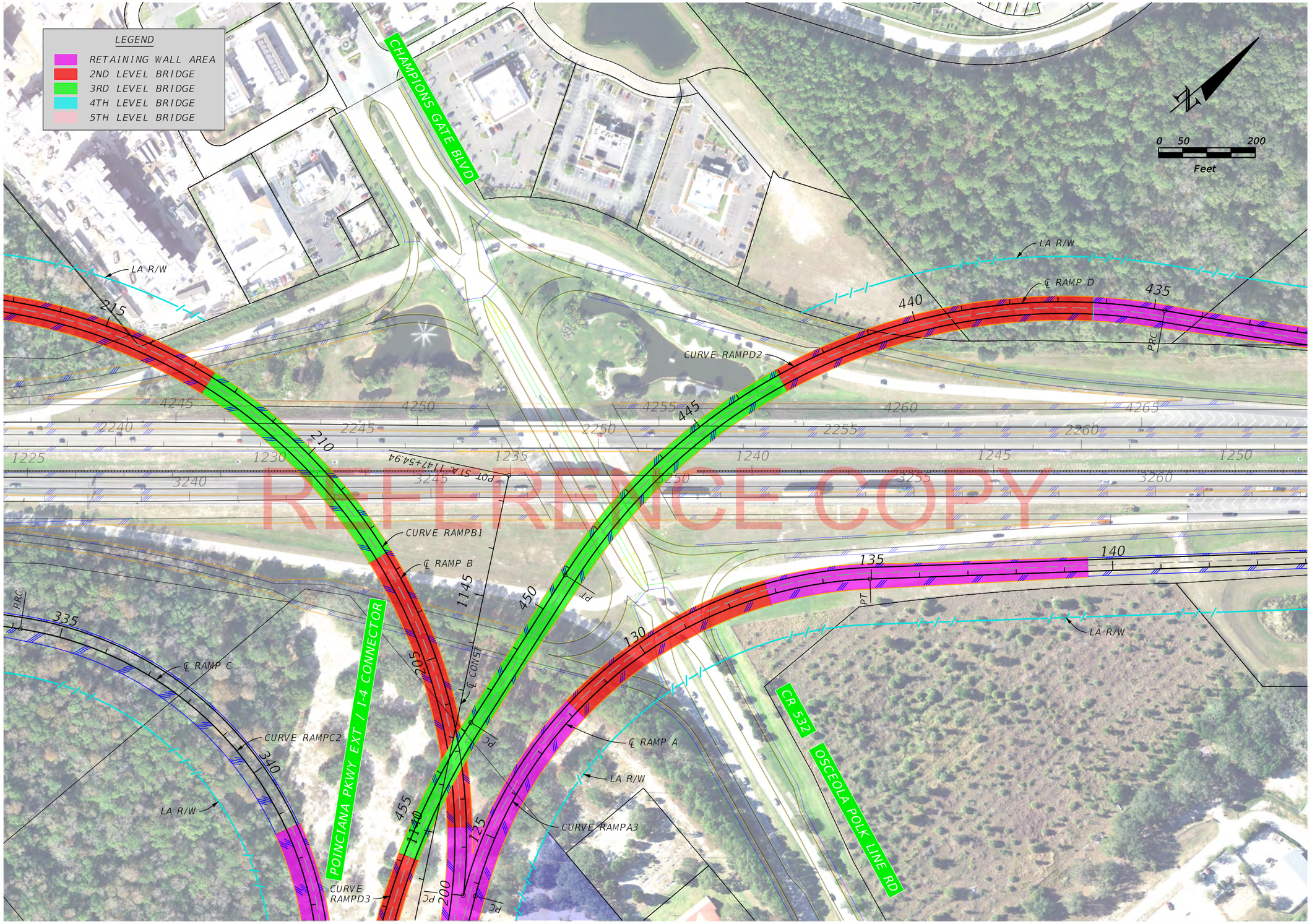
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-16

Bill.Lemos 3/21/2018 5:20:27 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3A-3-28.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

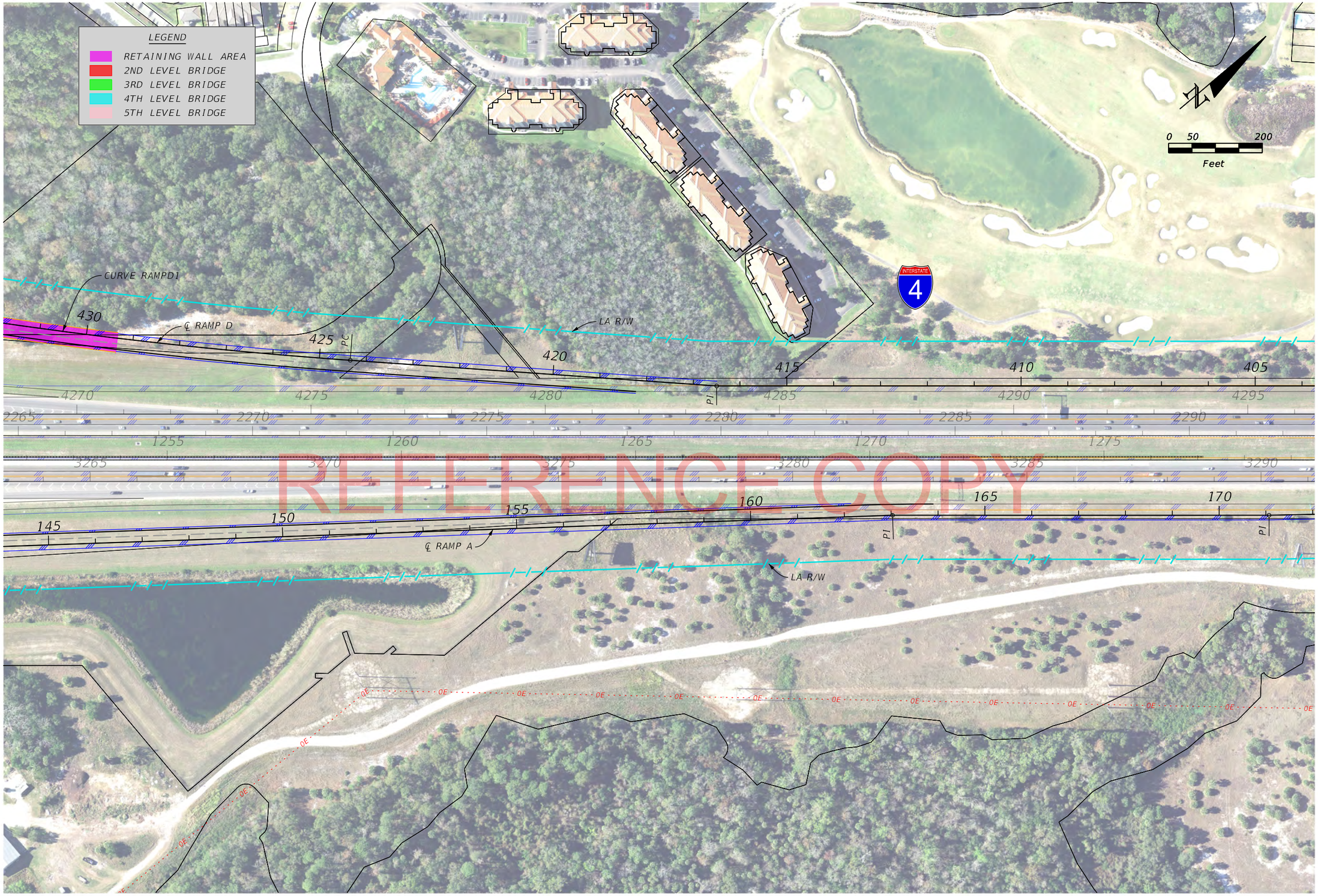
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-17

Bill.Lemos 3/21/2018 5:21:30 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3A-3-29.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-18

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.

3A3-19

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REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

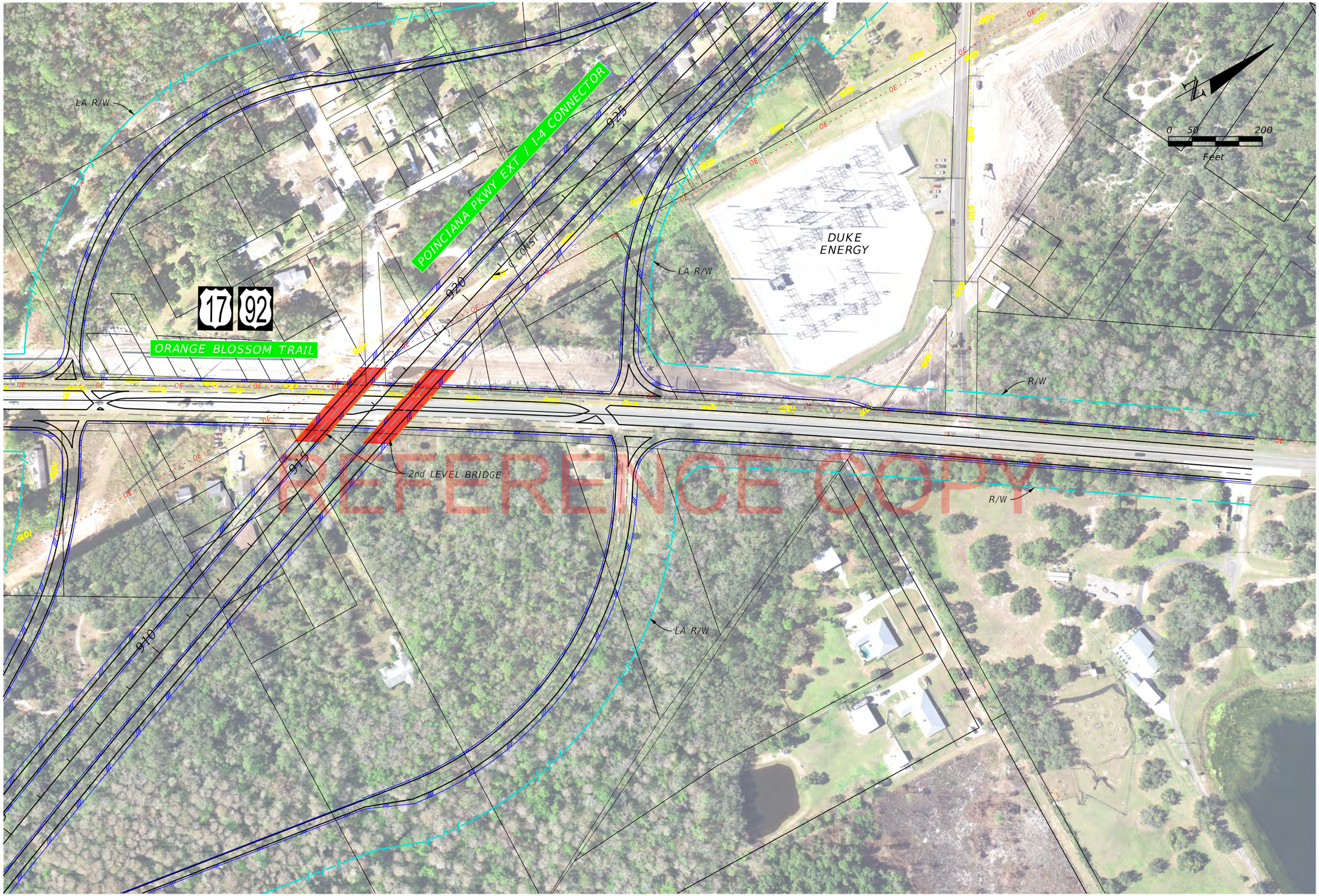
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.
3A3-20

Bill.Lemos 3/21/2018 5:24:29 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3A-3-32.dgn



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.

3A3-21

Bill.Lemos 3/21/2018 5:26:14 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3A-3-33.dgn

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.

3A3-22

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REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-3

SHEET NO.

3A3-23

Bill.Lemos 3/21/2018 5:29:04 PM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\plan3A-3-35.dgn

Alternative 3A-3 I-4 Interchange at SR 532 ~ Ramp Curve Data

RAMP A

```
CURVE DATA RAMPA1
PI STA. = 101+56.30
Δ       = 10° 30' 22" (RT)
D       = 3° 22' 13"
T       = 156.30
L       = 311.72
R       = 1,700.00
PC STA. = 100+00.00
PT STA. = 103+11.72
e = 0.063

CURVE DATA RAMPA2
PI STA. = 110+31.78
Δ       = 27° 42' 17" (RT)
D       = 1° 57' 44"
T       = 720.05
L       = 1,411.94
R       = 2,920.00
PC STA. = 103+11.72
PT STA. = 117+23.66
e = 0.039

CURVE DATA RAMPA3
PI STA. = 130+27.22
Δ       = 73° 29' 32" (RT)
D       = 6° 32' 26"
T       = 654.05
L       = 1,123.63
R       = 876.00
PC STA. = 123+73.18
PT STA. = 134+96.80
e = 0.095
```

RAMP B

```
CURVE DATA RAMPB1
PI STA. = 213+49.15
Δ       = 100° 24' 13" (LT)
D       = 5° 05' 51"
T       = 1,349.15
L       = 1,969.67
R       = 1,124.00
PC STA. = 200+00.00
PT STA. = 219+69.67
e = 0.084

CURVE DATA RAMPB2
PI STA. = 231+07.25
Δ       = 14° 37' 49" (RT)
D       = 2° 18' 51"
T       = 317.85
L       = 632.23
R       = 2,476.00
PC STA. = 227+89.41
PT STA. = 234+21.64
e = 0.046

CURVE DATA RAMPB3
PI STA. = 251+26.75
Δ       = 1° 29' 37" (RT)
D       = 0° 14' 21"
T       = 312.21
L       = 624.38
R       = 23,952.00
PC STA. = 248+14.55
PT STA. = 254+38.92
e = NC
```

RAMP C

```
CURVE DATA RAMPC1
PI STA. = 328+55.53
Δ       = 5° 41' 56" (LT)
D       = 0° 30' 28"
T       = 561.77
L       = 1,122.62
R       = 11,286.48
PC STA. = 322+93.75
PT STA. = 334+16.38
e = NC

CURVE DATA RAMPC2
PI STA. = 341+07.83
Δ       = 87° 12' 27" (RT)
D       = 7° 53' 31"
T       = 691.45
L       = 1,105.01
R       = 726.00
PC STA. = 334+16.38
PT STA. = 345+21.39
e = 0.10

CURVE DATA RAMPC3
PI STA. = 356+76.87
Δ       = 12° 45' 43" (LT)
D       = 1° 51' 11"
T       = 345.79
L       = 688.71
R       = 3,092.00
PC STA. = 353+31.08
PT STA. = 360+19.79
e = 0.038

CURVE DATA RAMPC4
PI STA. = 363+69.92
Δ       = 14° 53' 06" (LT)
D       = 2° 08' 16"
T       = 350.13
L       = 696.31
R       = 2,680.27
PC STA. = 360+19.79
PT STA. = 367+16.11
e = 0.043

CURVE DATA RAMPC5
PI STA. = 370+79.80
Δ       = 13° 28' 08" (LT)
D       = 1° 51' 37"
T       = 363.69
L       = 724.03
R       = 3,080.00
PC STA. = 367+16.11
PT STA. = 374+40.14
e = 0.038
```

RAMP D

```
CURVE DATA RAMPD1
PI STA. = 429+56.62
Δ       = 5° 52' 31" (RT)
D       = 0° 33' 45"
T       = 522.67
L       = 1,044.42
R       = 10,185.02
PC STA. = 424+33.95
PT STA. = 434+78.38
e = NC

CURVE DATA RAMPD2
PI STA. = 442+93.24
Δ       = 67° 18' 23" (LT)
D       = 4° 40' 52"
T       = 814.86
L       = 1,437.85
R       = 1,224.00
PC STA. = 434+78.38
PT STA. = 449+16.23
e = 0.08

CURVE DATA RAMPD3
PI STA. = 455+53.14
Δ       = 20° 37' 55" (LT)
D       = 3° 47' 49"
T       = 274.67
L       = 543.38
R       = 1,509.00
PC STA. = 452+78.48
PT STA. = 458+21.86
e = 0.069

CURVE DATA RAMPD4
PI STA. = 465+70.13
Δ       = 5° 38' 17" (LT)
D       = 1° 52' 03"
T       = 151.07
L       = 301.90
R       = 3,068.00
PC STA. = 464+19.06
PT STA. = 467+20.96
e = 0.038
```

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

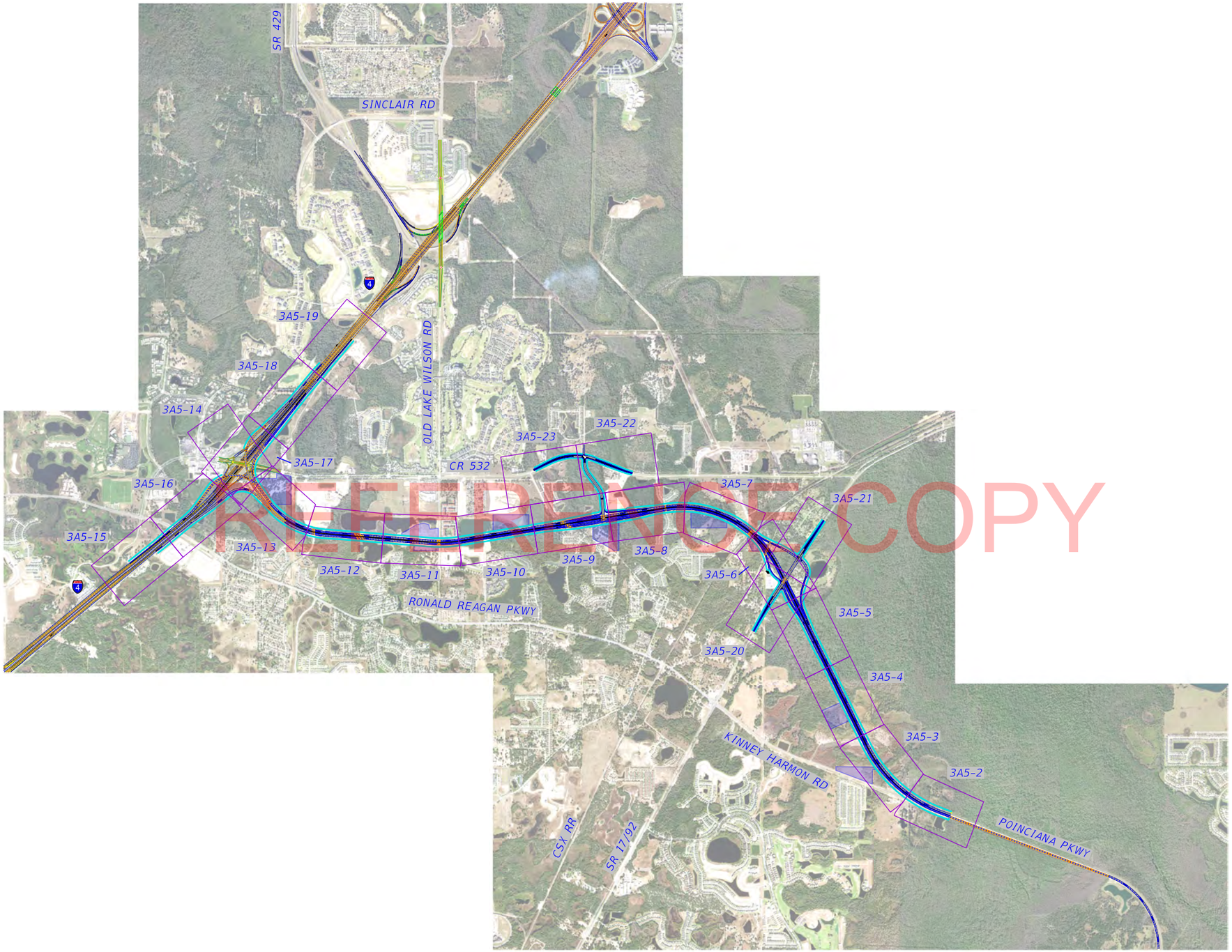
Alternative 3A-3

SHEET NO.
3A3-24

APPENDIX U

Concept Plans for Alternative 3A-5

REFERENCE COPY



N

0 4000

Feet

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.

3A5-1

Bill.Lemos 3/22/2018 7:23:14 AM K:\ORL_TPTO\149800000___I-4 Connector\200_Engineering\CADD\roadway\Roadway Alignments\plans\play3A-5.dgn

SEE POINCIANA PARKWAY EXPANSION PLANS FOR CONTINUATION

STATION EQUATION
PC STA. 809+25.00
℄ CONST ALT 2A-1 =
POT STA. 809+25.00
℄ CONST ALT 3A-5

DEMO EXIST KINNEY HARMON RD

LA R/W

POINCIANA PKWY EXT / I-4 CONNECTOR

POINCIANA PKWY

2nd LEVEL BRIDGE

EXIST R/W

800 805 810 815 820 825

℄ CONST

CURVE 3A5-1

EXIST R/W

ORIGINAL POINCIANA PARKWAY ℄ ALIGNMENT USED FOR CONTINUITY WITH RECENTLY CONSTRUCTED PROJECT

PC STA. 812+95.79

LA R/W

N

0 50 200
Feet

CURVE DATA 3A5-1
PI STA. = 832+69.59
Δ = 43° 05' 03" (RT)
D = 1° 08' 45"
T = 1,973.80
L = 3,759.81
R = 5,000.00
PC STA. = 812+95.79
PT STA. = 850+55.60
e = 0.043

REFERENCE COPY

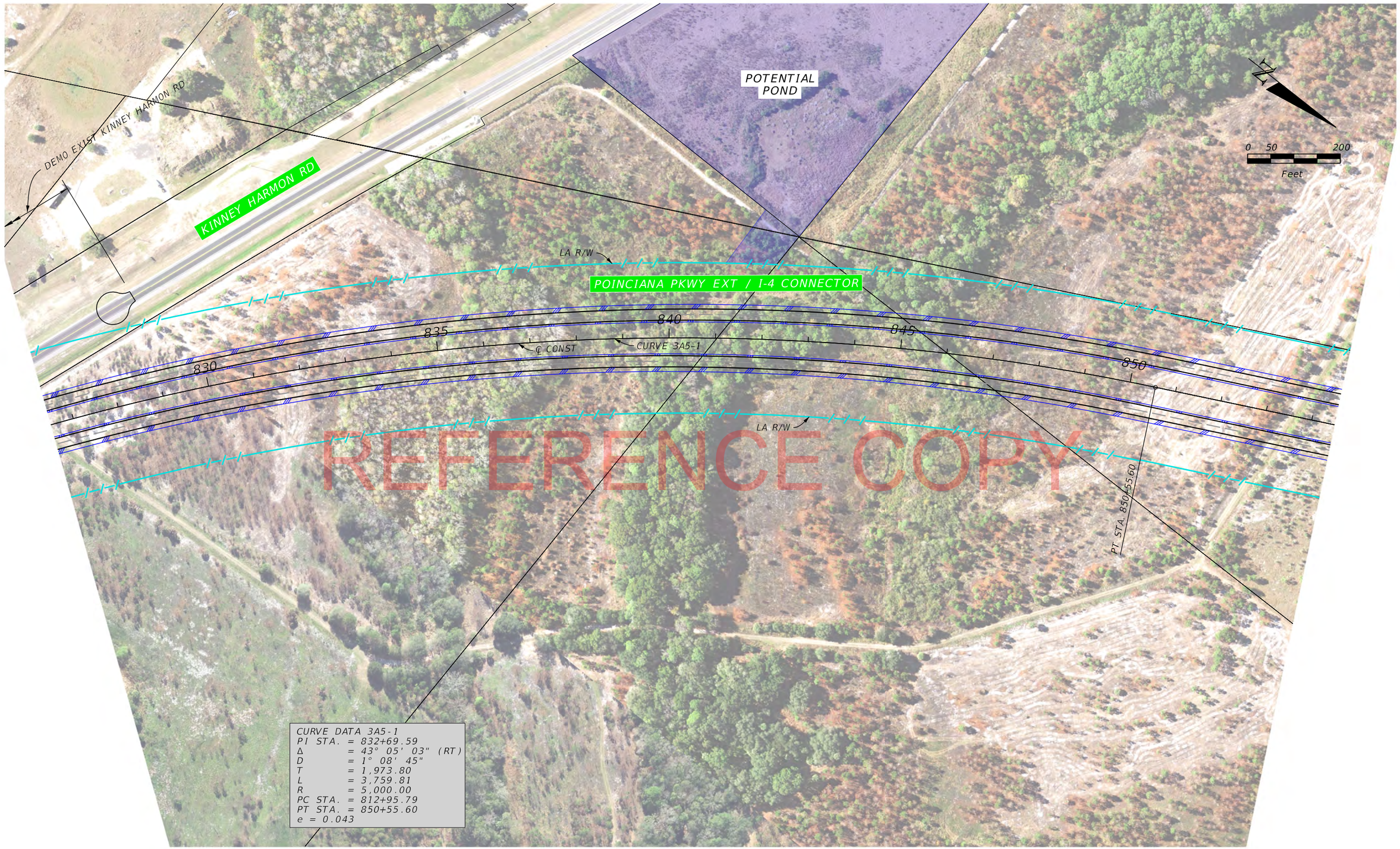
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-2



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-3

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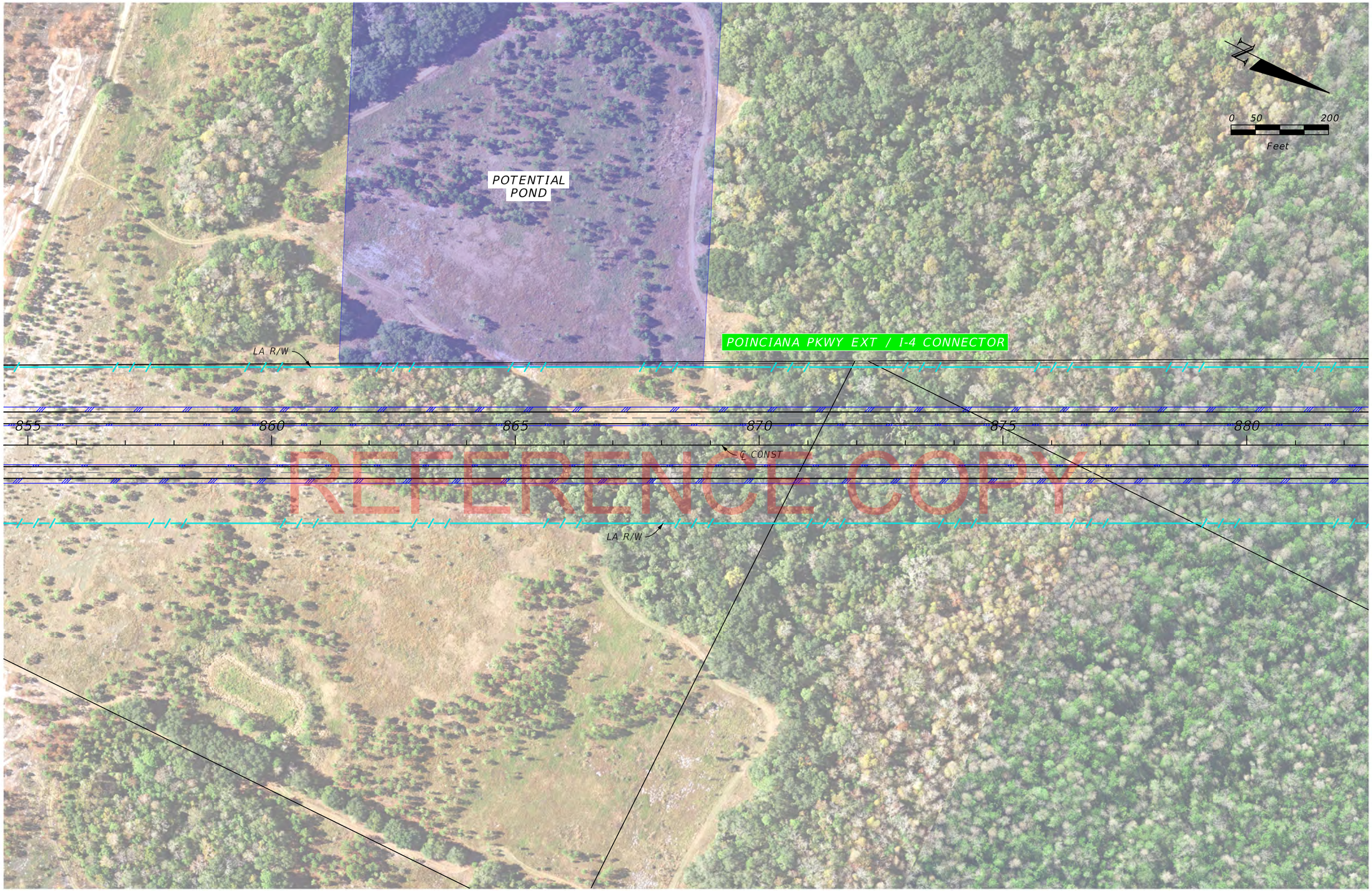

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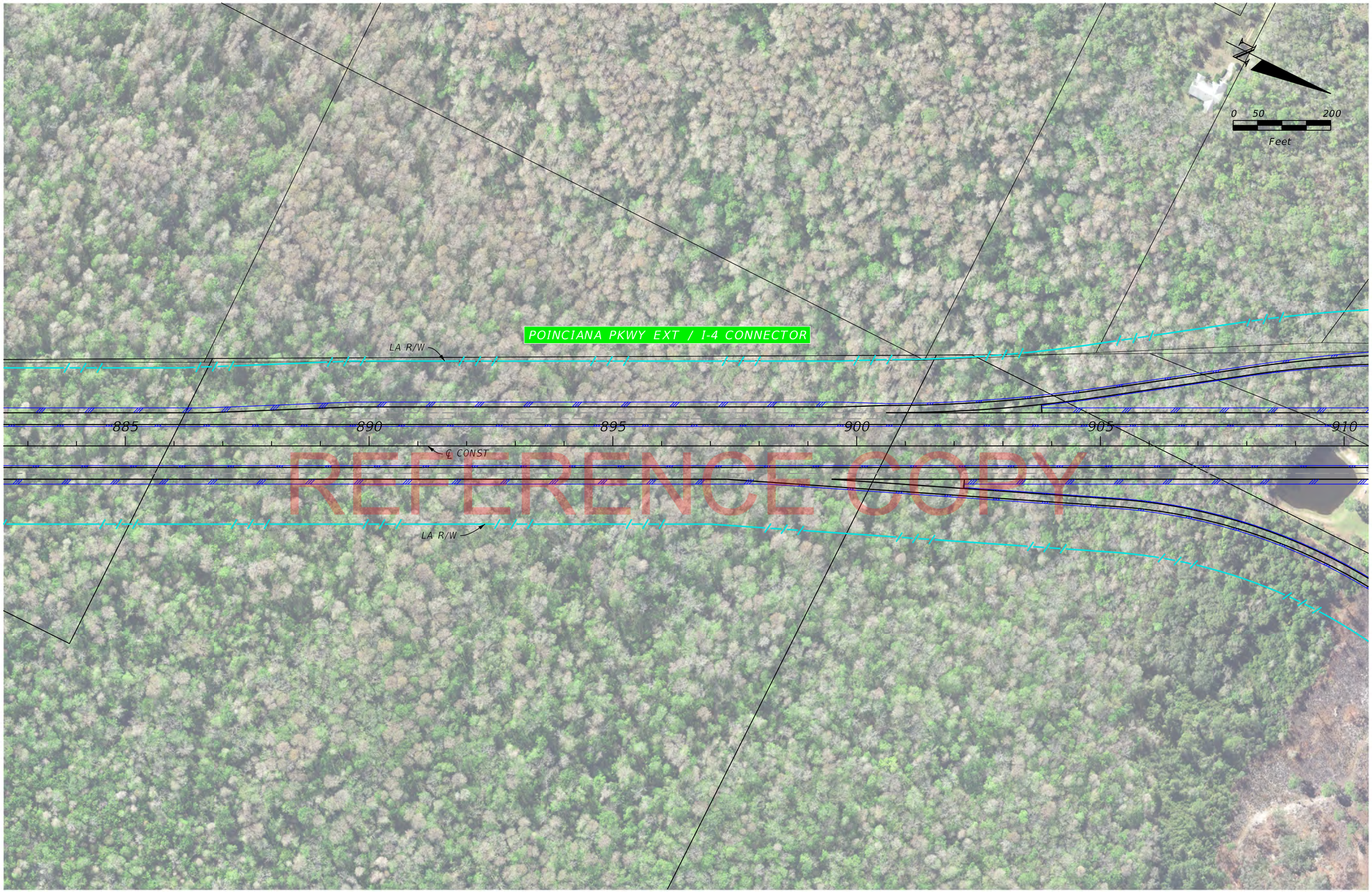
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-4



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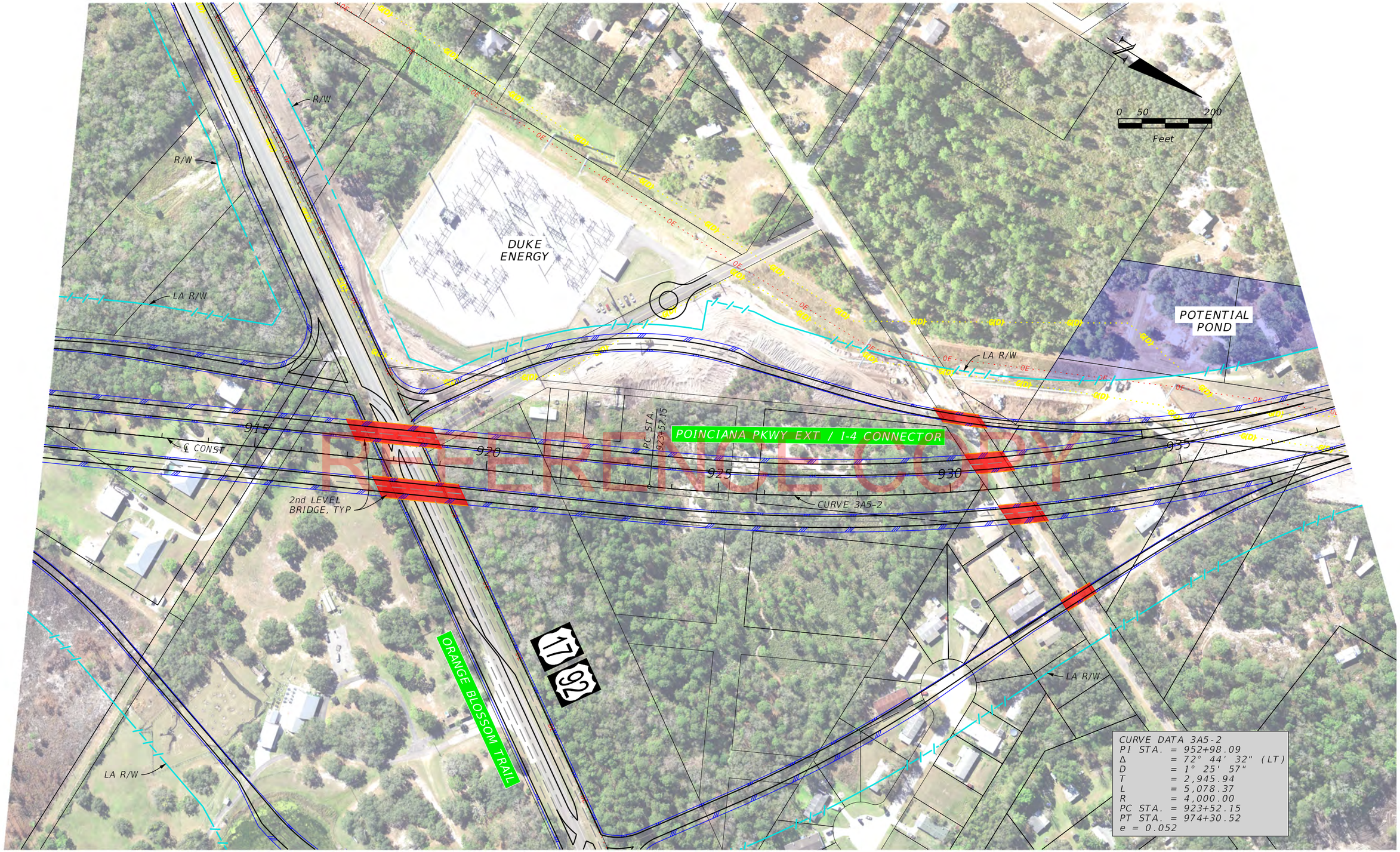
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-5



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-6

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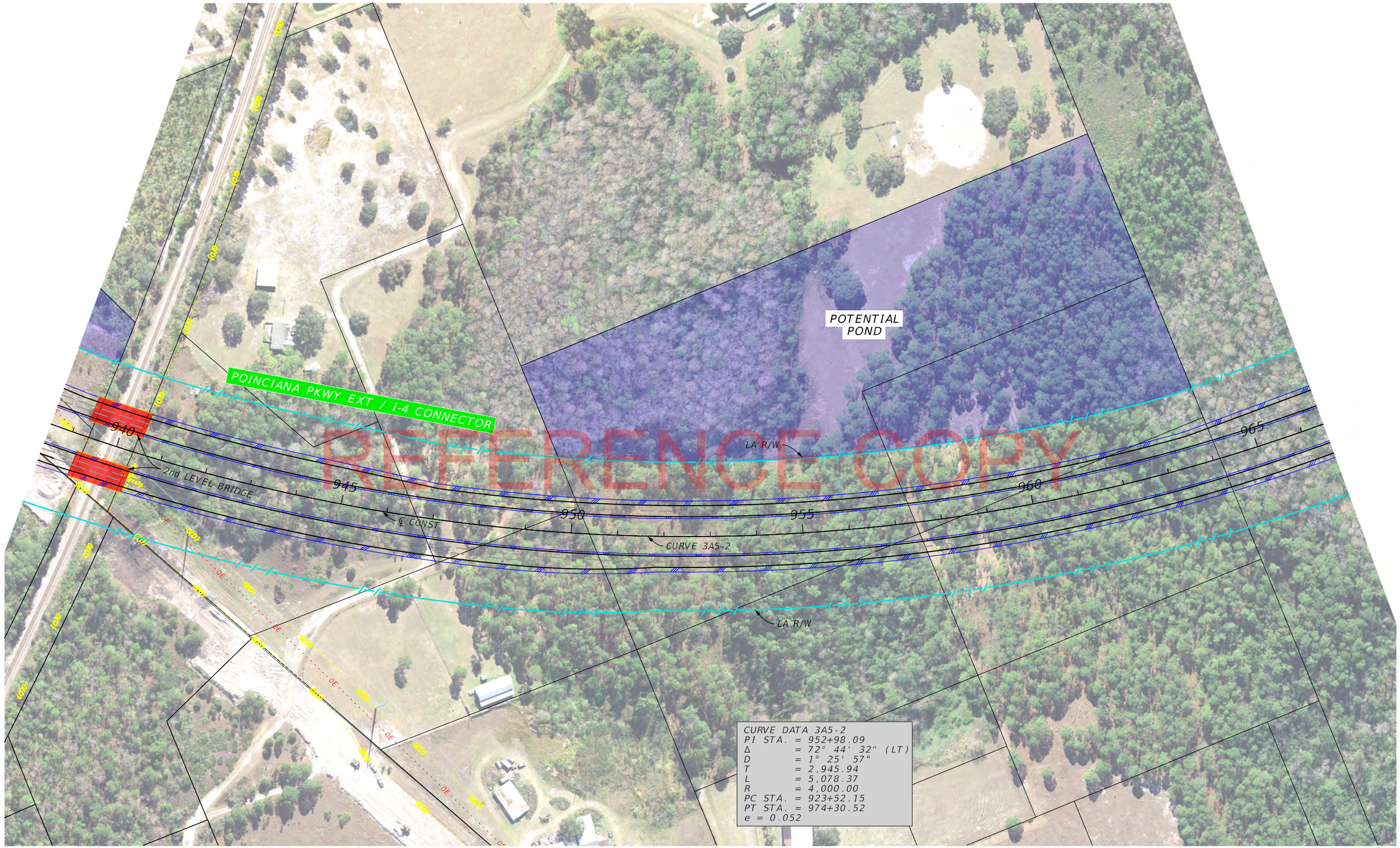

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DATE	DESCRIPTION	DATE	DESCRIPTION

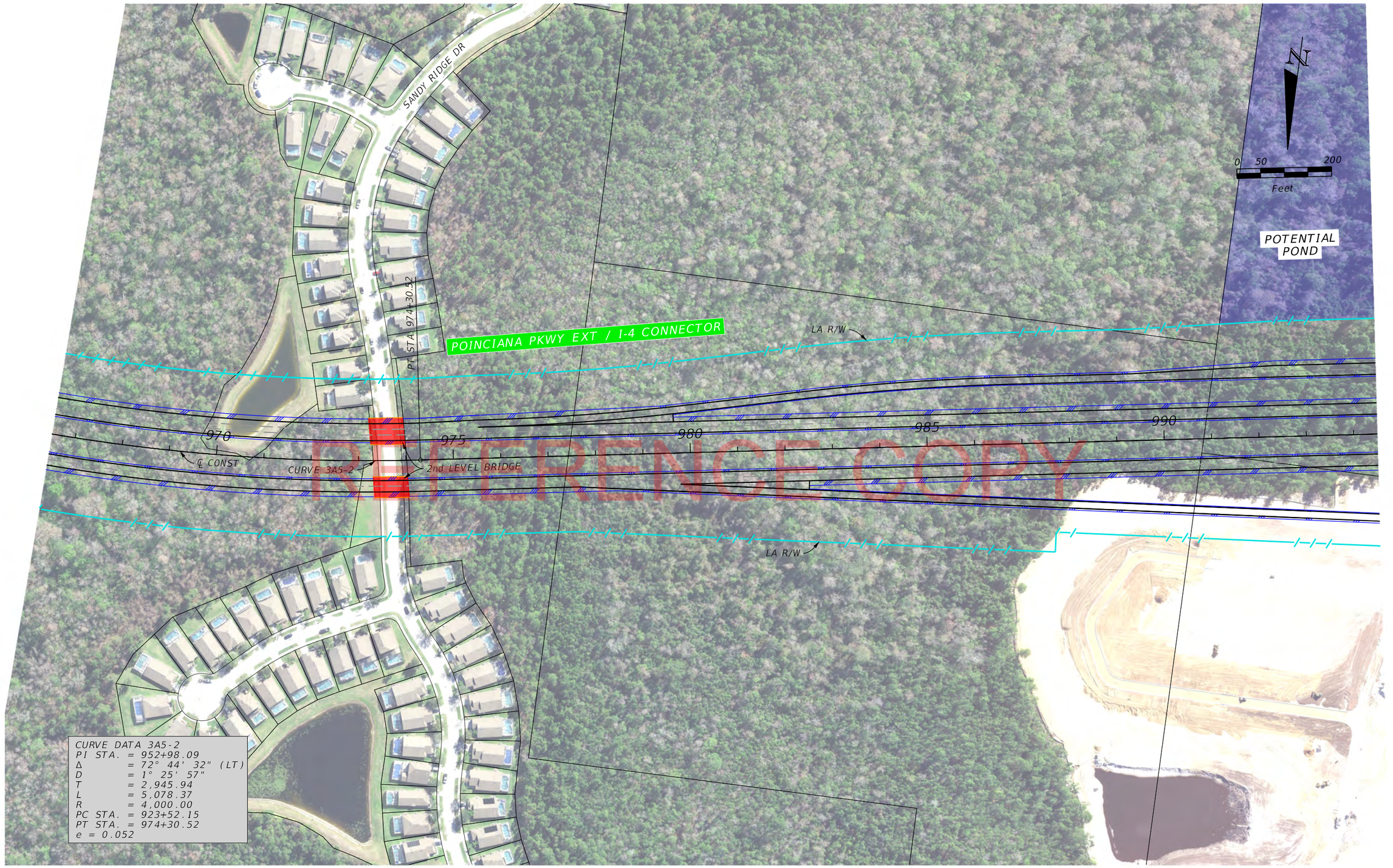
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.

3A5-7



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-8

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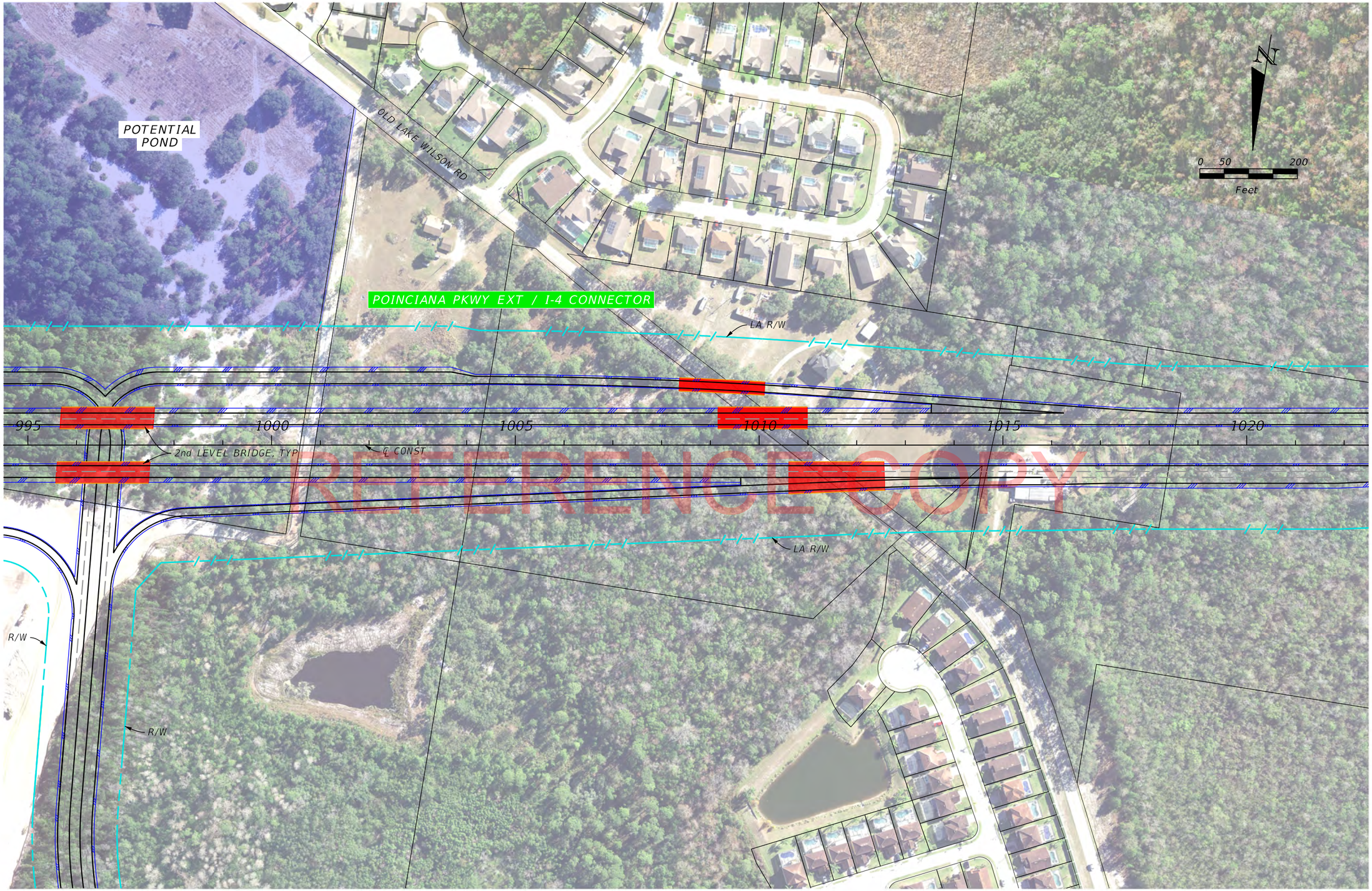

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-9

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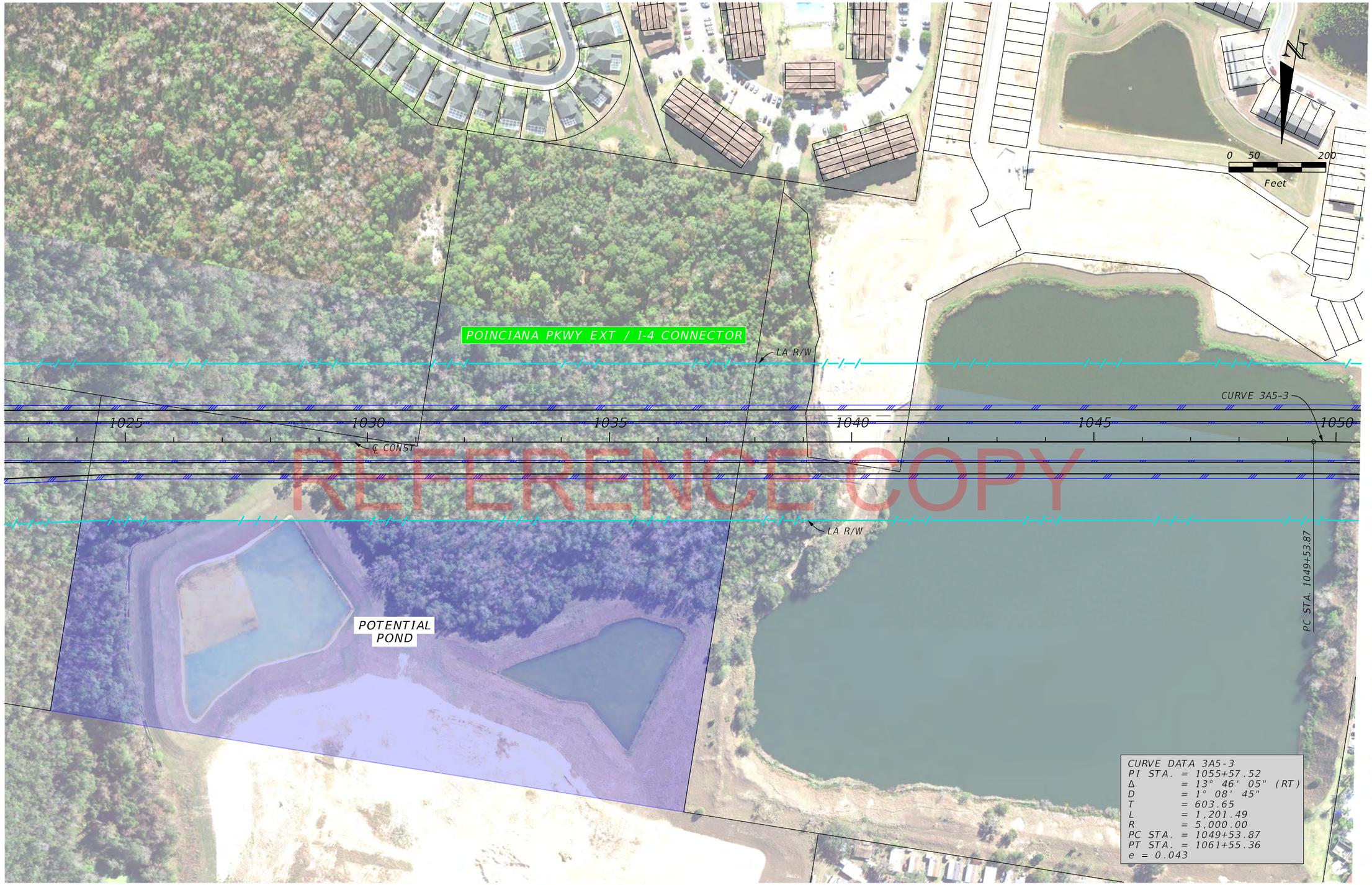

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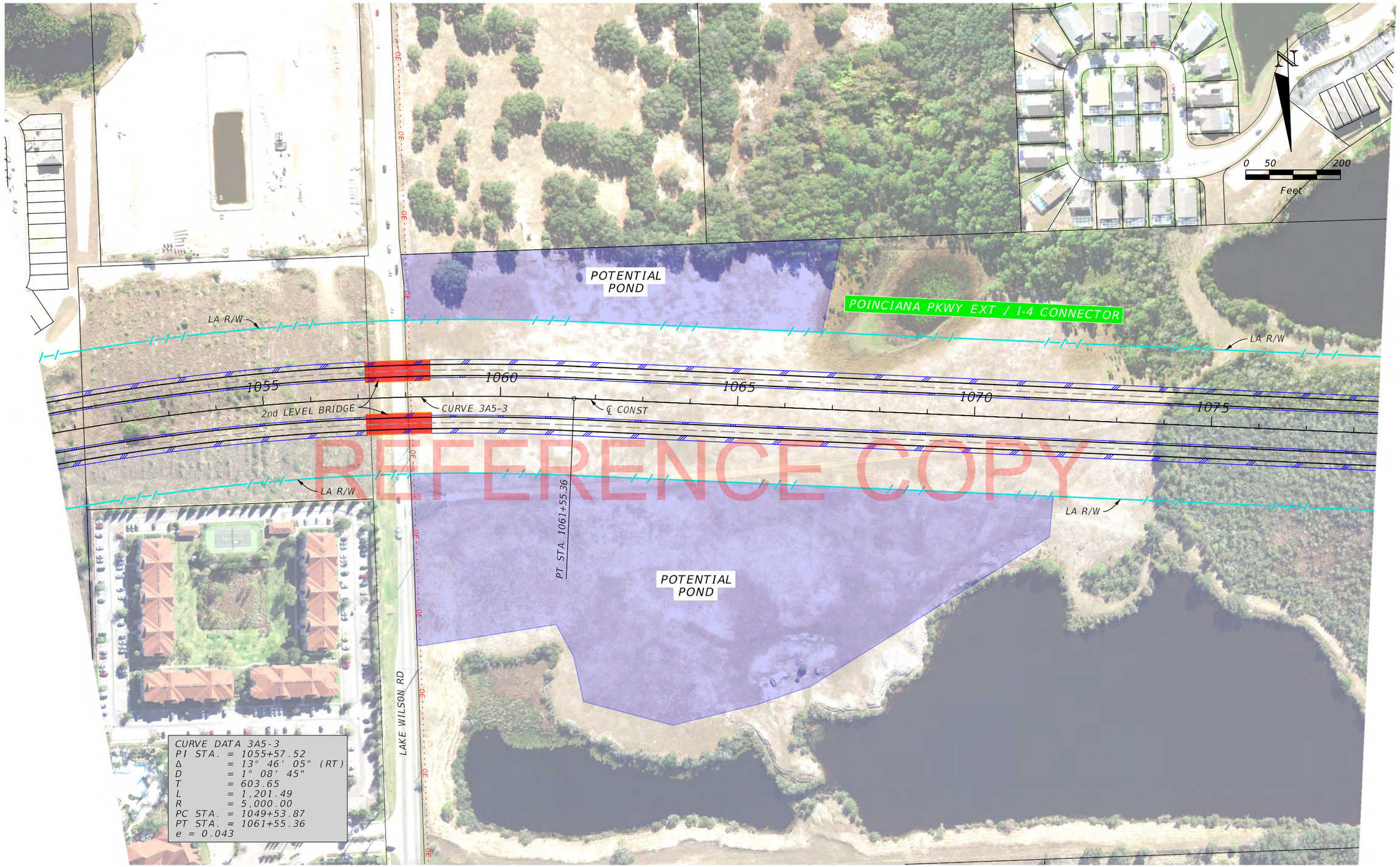
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-10



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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.

3A5-11

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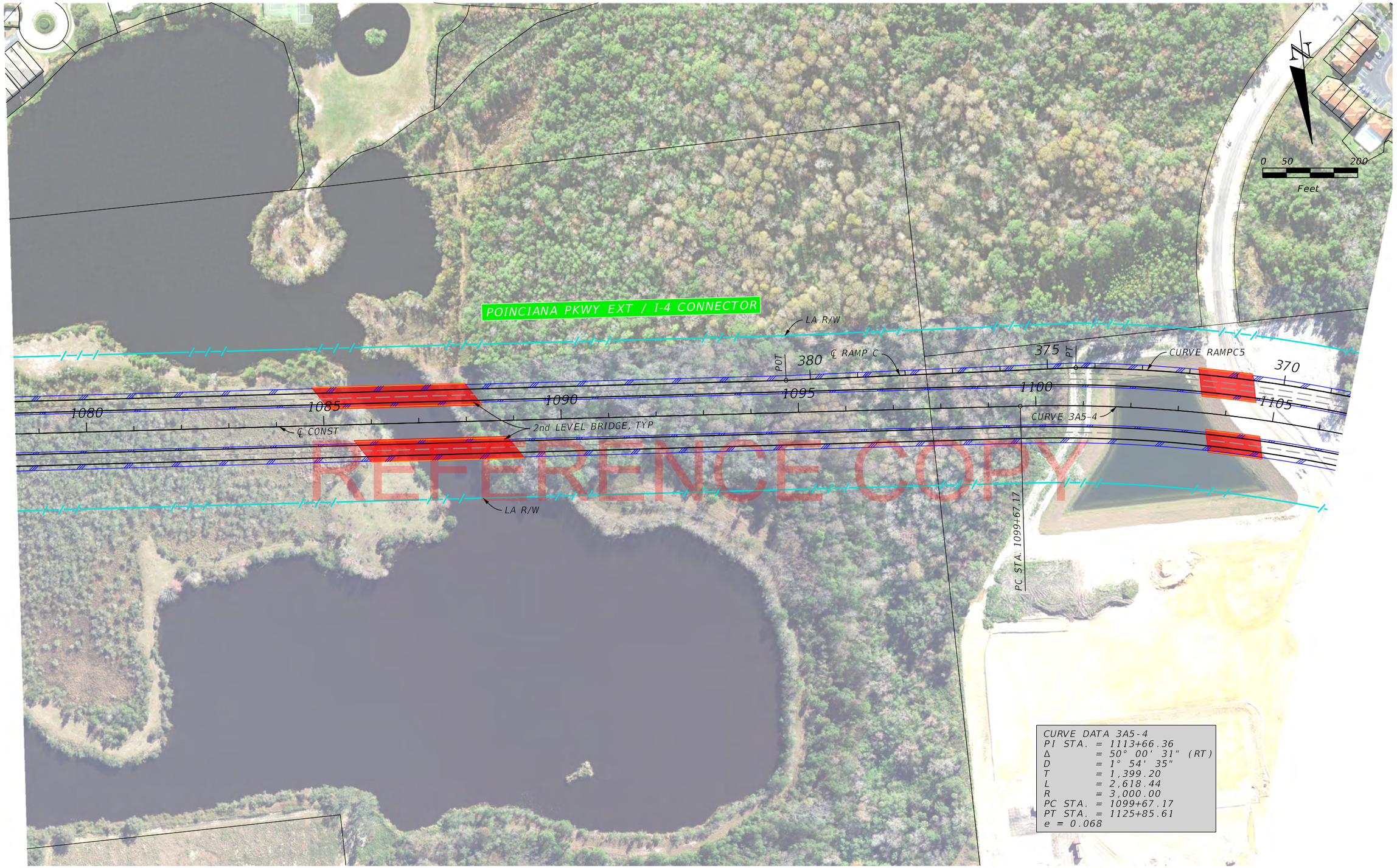

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-12

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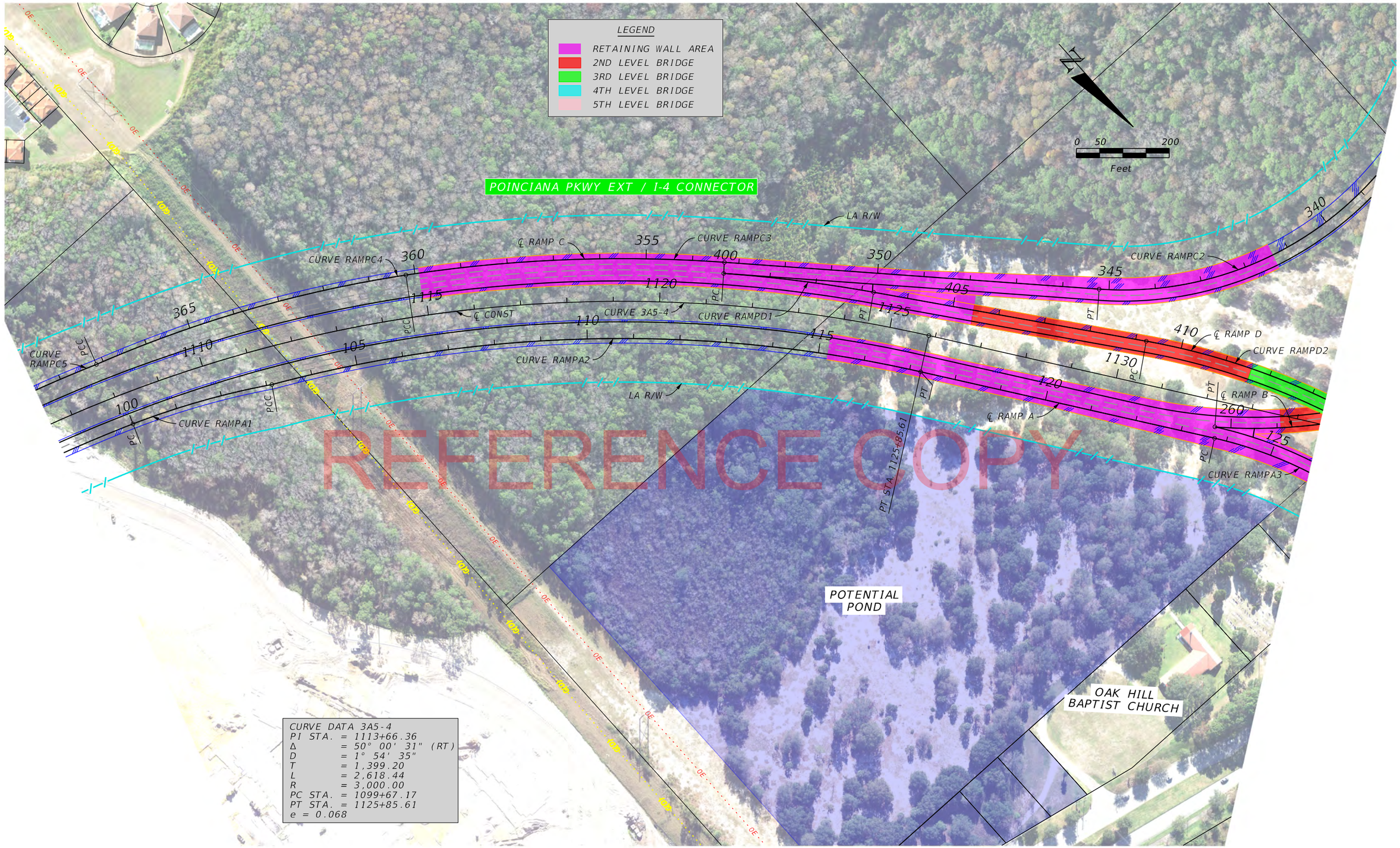

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

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3A5-13

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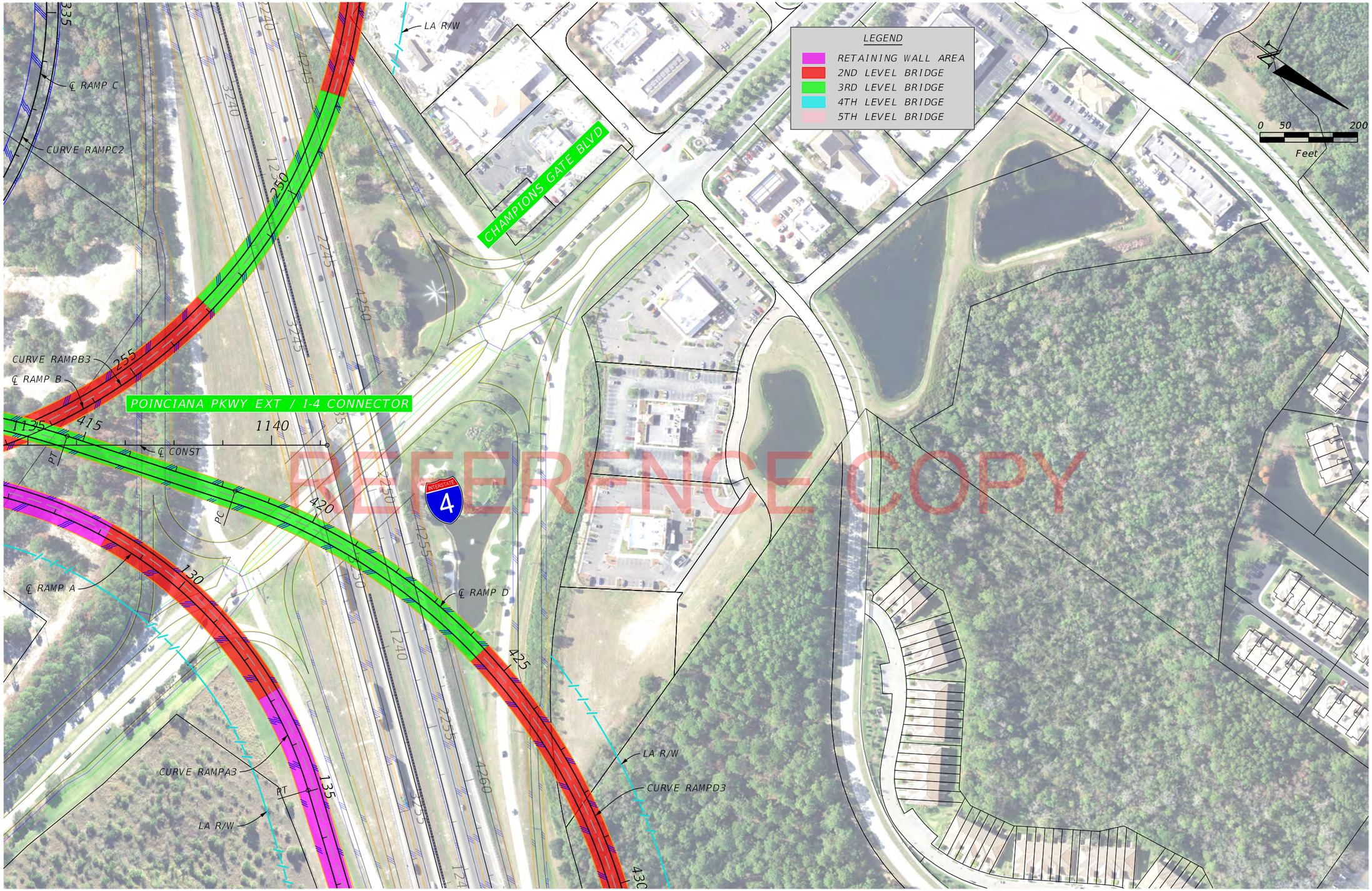

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DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-14

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-15

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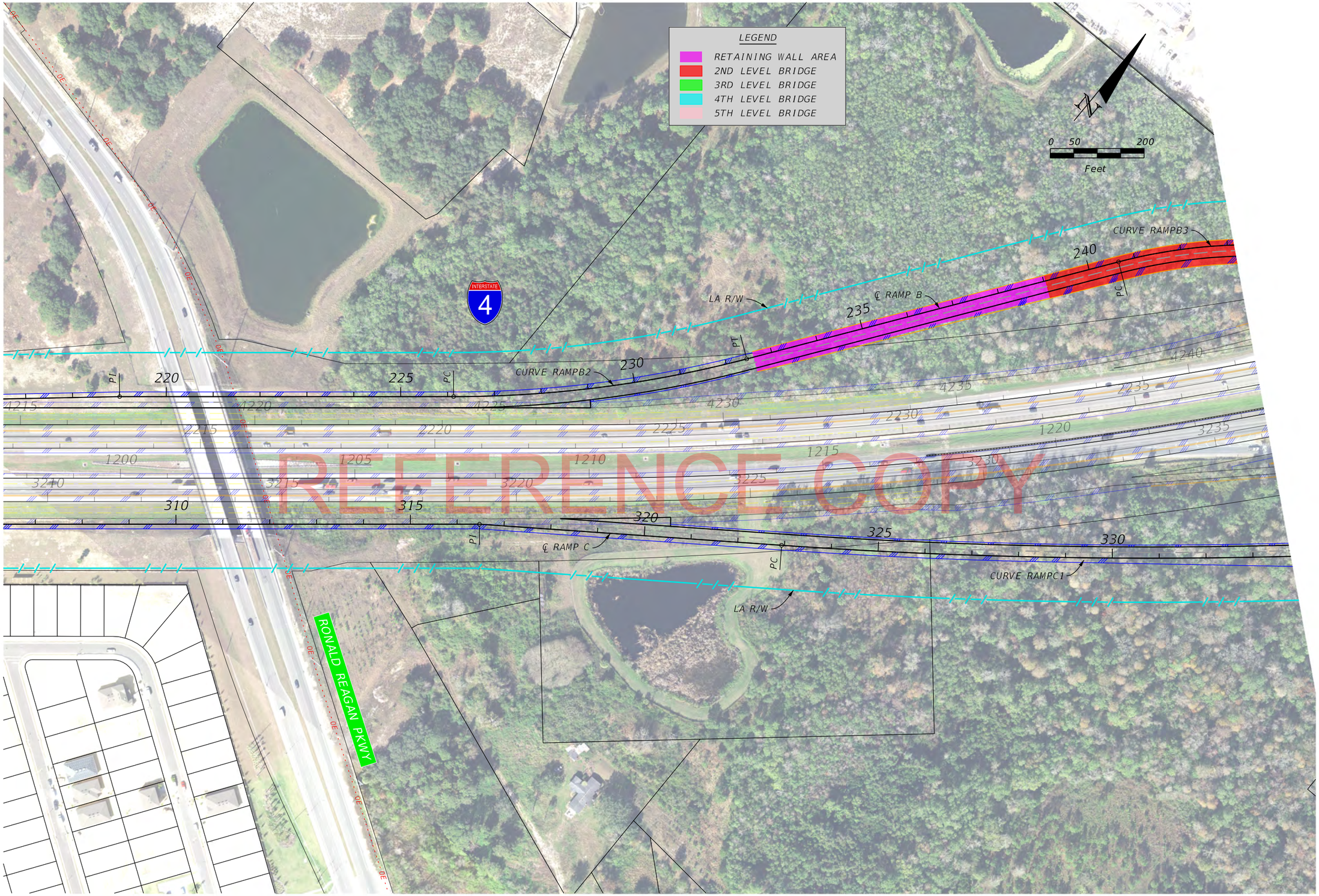

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-16

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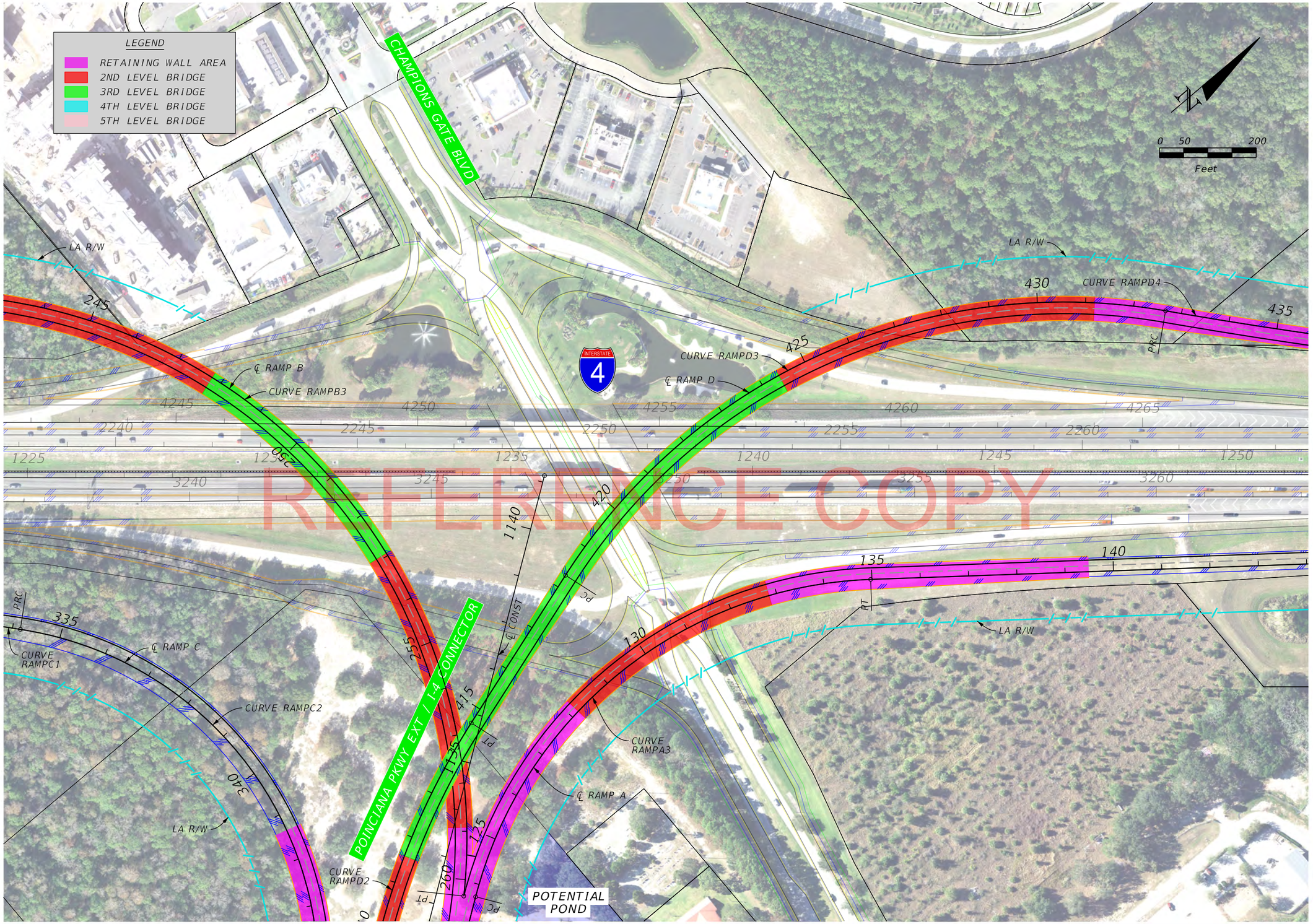

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-17

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

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REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

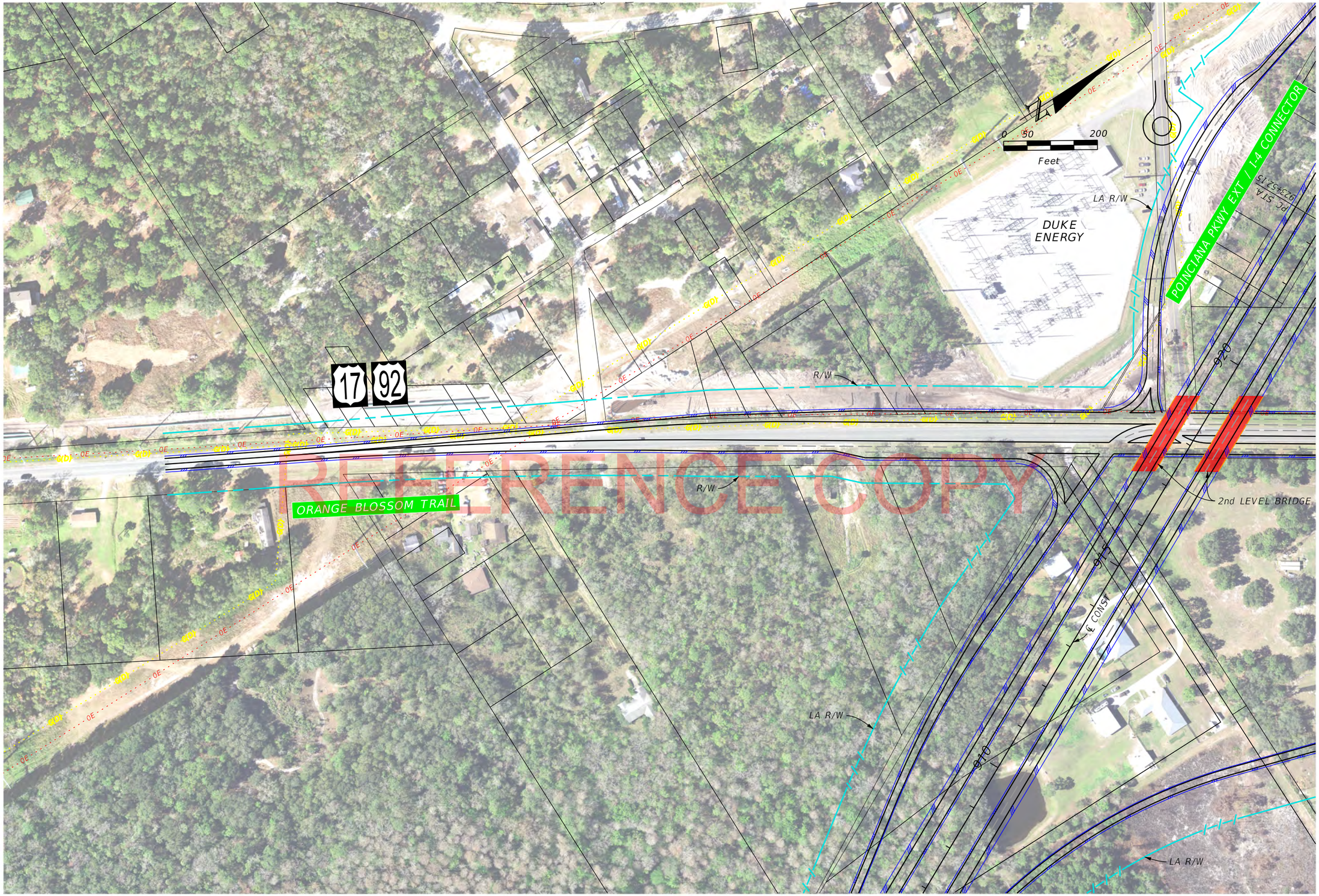
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.

3A5-19



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
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POINCIANA PKWY EXT / I-4 CONNECTOR

92

℄ CONST

LA R/W

17 92

R/W

0 50 200

Feet

ORANGE BLOSSOM TRAIL

R/W

LA R/W

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

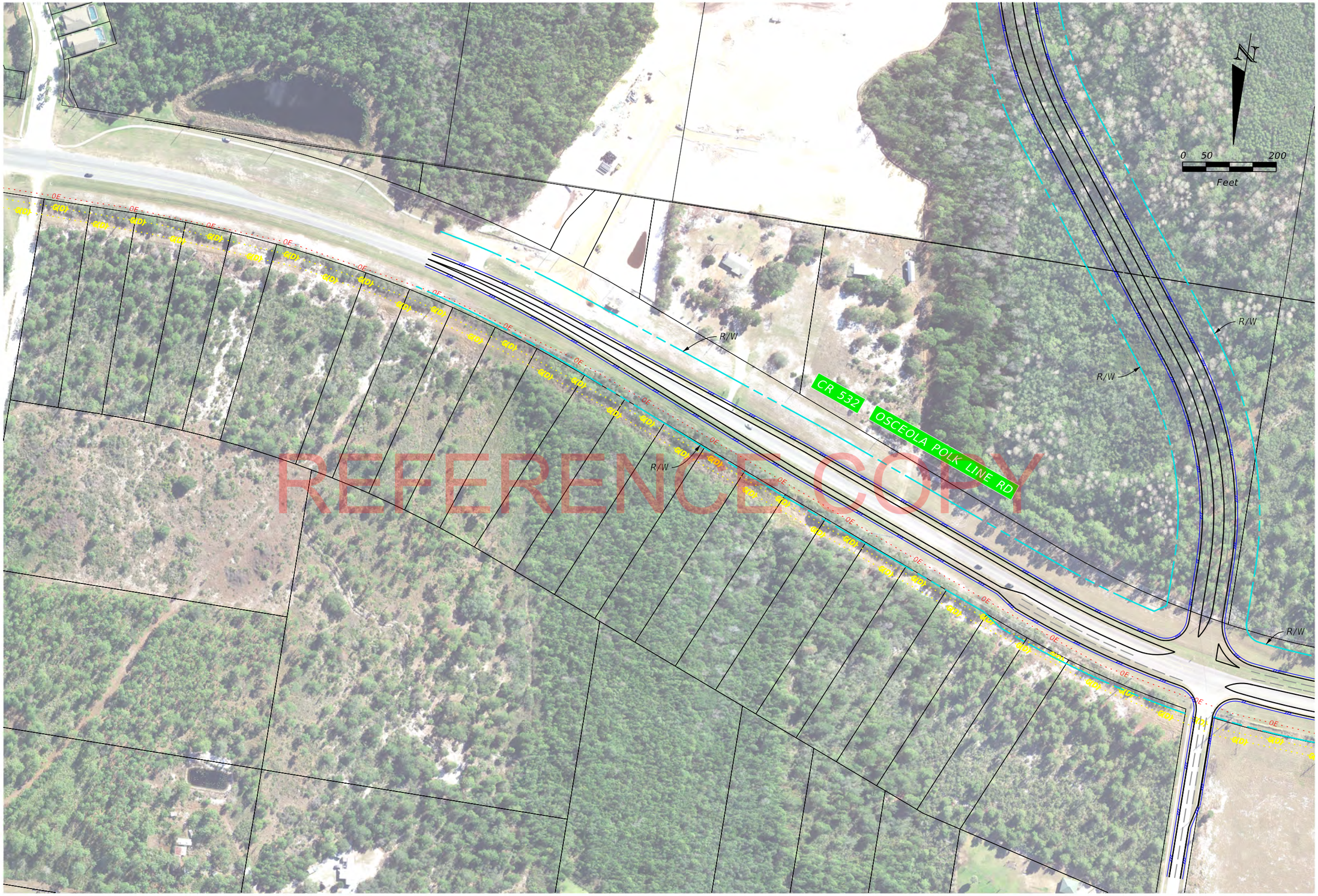
CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.

3A5-21



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.

3A5-22

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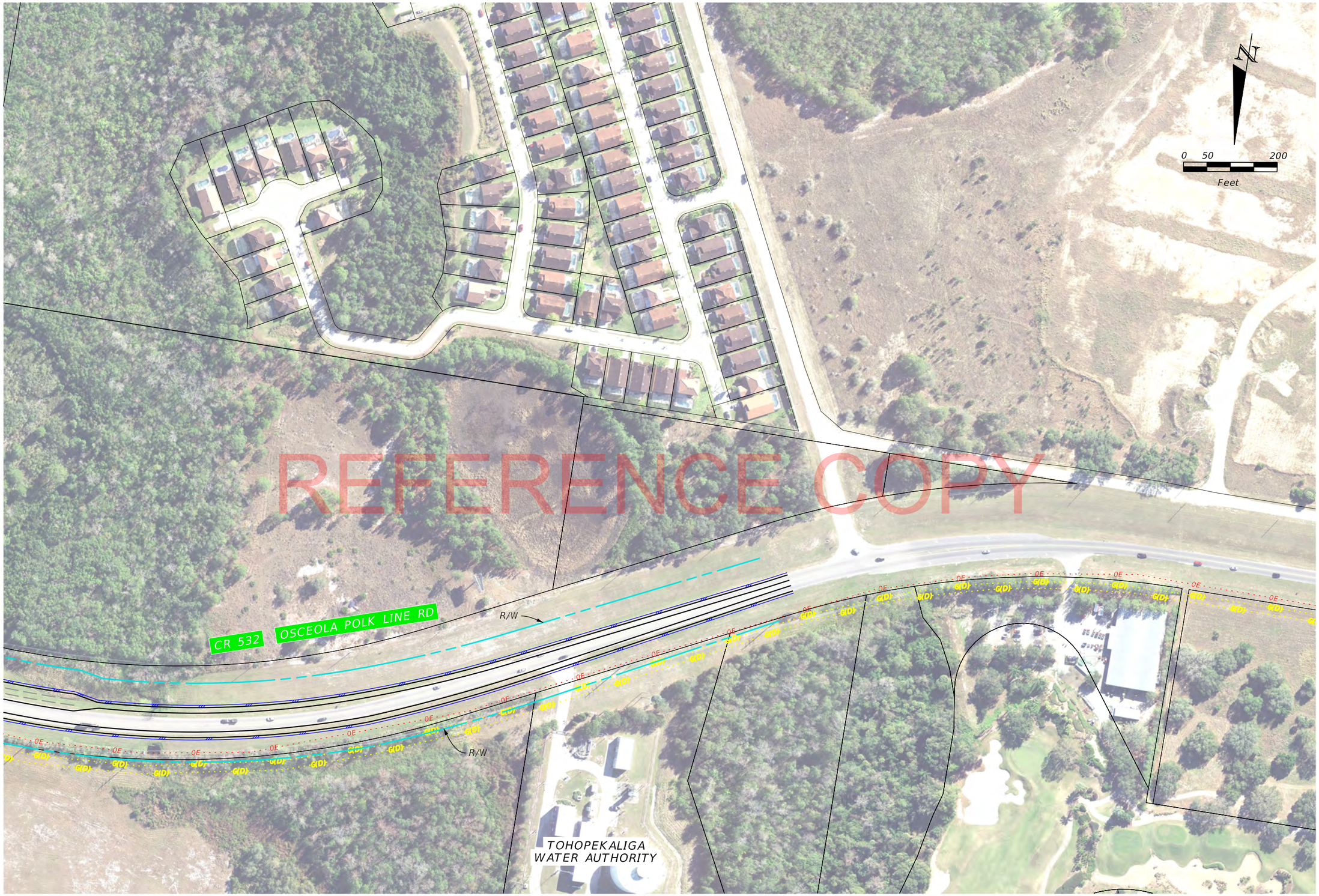

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-23

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Alternative 3A-5 I-4 Interchange at SR 532 ~ Ramp Curve Data

RAMP A

CURVE DATA RAMPA1
PI STA. = 101+56.30
Δ = 10° 30' 22" (RT)
D = 3° 22' 13"
T = 156.30
L = 311.72
R = 1,700.00
PC STA. = 100+00.00
PT STA. = 103+11.72
e = 0.063

CURVE DATA RAMPA2
PI STA. = 110+32.03
Δ = 27° 42' 52" (RT)
D = 1° 57' 44"
T = 720.31
L = 1,412.42
R = 2,920.00
PC STA. = 103+11.72
PT STA. = 117+24.15
e = 0.039

CURVE DATA RAMPA3
PI STA. = 130+27.71
Δ = 73° 29' 32" (RT)
D = 6° 32' 26"
T = 654.05
L = 1,123.63
R = 876.00
PC STA. = 123+73.66
PT STA. = 134+97.29
e = 0.095

CURVE DATA RAMPA4
PI STA. = 163+03.29
Δ = 2° 00' 54" (RT)
D = 1° 09' 05"
T = 87.50
L = 174.99
R = 4,976.00
PC STA. = 162+15.79
PT STA. = 163+90.78
e = 0.024

RAMP B

CURVE DATA RAMPB1
PI STA. = 209+52.10
Δ = 1° 42' 21" (LT)
D = 0° 14' 21"
T = 356.60
L = 713.14
R = 23,952.00
PC STA. = 205+95.50
PT STA. = 213+08.64
e = NC

CURVE DATA RAMPB2
PI STA. = 229+30.62
Δ = 14° 37' 49" (LT)
D = 2° 18' 51"
T = 317.85
L = 632.23
R = 2,476.00
PC STA. = 226+12.78
PT STA. = 232+45.01
e = 0.046

CURVE DATA RAMPB3
PI STA. = 254+13.90
Δ = 100° 24' 13" (RT)
D = 5° 05' 51"
T = 1,349.15
L = 1,969.67
R = 1,124.00
PC STA. = 240+64.75
PT STA. = 260+34.42
e = 0.084

RAMP C

CURVE DATA RAMPC1
PI STA. = 328+55.53
Δ = 5° 41' 56" (LT)
D = 0° 30' 28"
T = 561.77
L = 1,122.62
R = 11,286.48
PC STA. = 322+93.75
PT STA. = 334+16.38
e = NC

CURVE DATA RAMPC2
PI STA. = 341+07.83
Δ = 87° 12' 27" (RT)
D = 7° 53' 31"
T = 691.45
L = 1,105.01
R = 726.00
PC STA. = 334+16.38
PT STA. = 345+21.39
e = 0.10

CURVE DATA RAMPC3
PI STA. = 356+76.87
Δ = 12° 45' 43" (LT)
D = 1° 51' 11"
T = 345.79
L = 688.71
R = 3,092.00
PC STA. = 353+31.08
PT STA. = 360+19.79
e = 0.038

CURVE DATA RAMPC4
PI STA. = 363+69.92
Δ = 14° 53' 06" (LT)
D = 2° 08' 16"
T = 350.13
L = 696.31
R = 2,680.27
PC STA. = 360+19.79
PT STA. = 367+16.11
e = 0.043

CURVE DATA RAMPC5
PI STA. = 370+79.80
Δ = 13° 28' 08" (LT)
D = 1° 51' 37"
T = 363.69
L = 724.03
R = 3,080.00
PC STA. = 367+16.11
PT STA. = 374+40.14
e = 0.038

RAMP D

CURVE DATA RAMPD1
PI STA. = 401+63.05
Δ = 6° 05' 04" (RT)
D = 1° 52' 03"
T = 163.05
L = 325.80
R = 3,068.00
PC STA. = 400+00.00
PT STA. = 403+25.80
e = 0.038

CURVE DATA RAMPD2
PI STA. = 411+97.66
Δ = 20° 37' 55" (RT)
D = 3° 47' 49"
T = 274.67
L = 543.38
R = 1,509.00
PC STA. = 409+22.99
PT STA. = 414+66.38
e = 0.069

CURVE DATA RAMPD3
PI STA. = 426+43.49
Δ = 67° 18' 23" (RT)
D = 4° 40' 52"
T = 814.86
L = 1,437.85
R = 1,224.00
PC STA. = 418+28.62
PT STA. = 432+66.48
e = 0.08

CURVE DATA RAMPD4
PI STA. = 437+89.15
Δ = 5° 52' 31" (LT)
D = 0° 33' 45"
T = 522.67
L = 1,044.42
R = 10,185.02
PC STA. = 432+66.48
PT STA. = 443+10.90
e = NC

REFERENCE COPY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Alternative 3A-5

SHEET NO.
3A5-24

APPENDIX A

Poinciana Parkway As-Built Typical Sections

Segment 3

Segment 4

REFERENCE COPY

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
STRUCTURE PLANS (NOT INCLUDED)
TOLL GANTRY PLANS (NOT INCLUDED)

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

OSCEOLA COUNTY EXPRESSWAY AUTHORITY

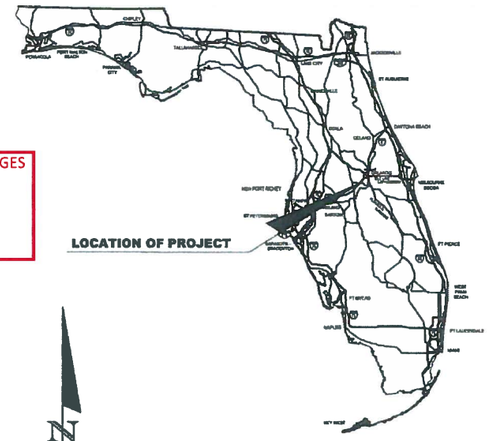
FINAL "AS-BUILT" PLANS

POINCIANA PARKWAY DESIGN BUILD SEGMENT 3

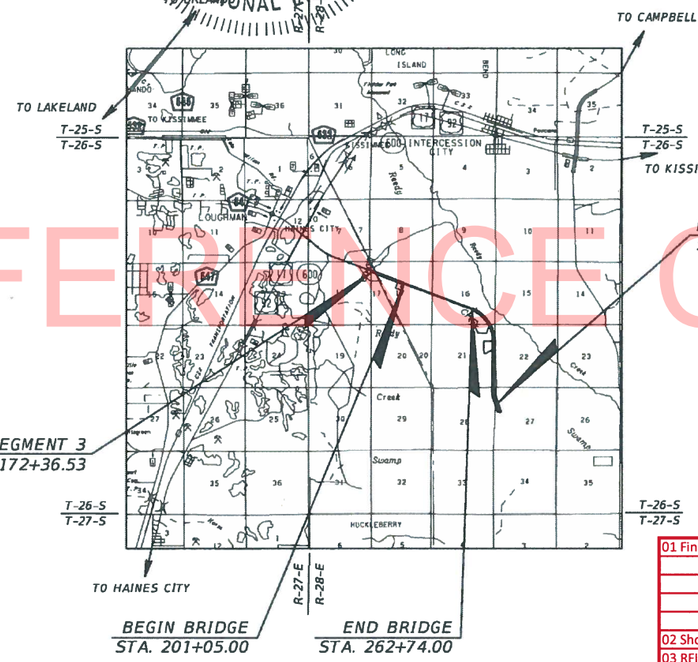
THIS PROJECT WAS CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THESE PLANS AS APPROVED BY THE ENGINEER OF RECORD. IF CHANGES WERE MADE, THOSE CHANGES ARE INDICATED BY RED INK AND BEAR THE SEAL, SIGNATURE AND DATE OF THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER — DATE: 12/22/16

TERRY MUSE — LICENSE No. 54360 — STATE OF FLORIDA — PROFESSIONAL ENGINEER



INDEX OF ROADWAY PLANS



NAME OF PRIME CONTRACTOR:	JR. DAVIS CONSTRUCTION
NAME OF PRIME CONSULTANT:	DEWBERRY
NAME OF CEI CONSULTANT:	AECOM
DISTRICT SECRETARY:	NORANNE DOWNS
RESIDENT ENGINEER:	TERRY MUSE, P.E.
OCX PROJECT MANAGER:	FRANK RAYMOND
PROJECT ADMINISTRATOR:	JAMES FITZER
DATE WORK STARTED:	12/19/2013
DATE WORK FINAL ACCEPTED:	12/22/2016

REFERENCE COPY

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2013 Design Standards and revised Index Drawings as appended herein, and 2013 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

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

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

REVISIONS

REVISED SHEETS 18 & 34 DATE 12-5-14 (1)
ADDED SHEET 34A DATE 12-5-14
REVISED SHEET 8,18,19,24-31 DATE 2-4-15 (2)
REVISED SHEET 1,8,29-31,174-176 DATE 4-17-15 (3)
DELETED SHEETS 32,33,44,177-196 DATE 4-17-15
REVISED SHEET 19 DATE 7-20-15 (4)
REVISED SHEETS 11A, 18-20, 24-31, 46-47 DATE 9-3-15 (5)
REVISED SHEET S-1, S-3, S-13 THRU S-15, S-19, S-22, S-23 DATE 2-8-16 (6)
DELETED SHEETS S-16 THRU S-18, S-20, S-21 DATE 2-8-16
ADDED SHEETS S-15A THRU S-15D, S-17A, S-18A, S-20A, S-20B, S-20C DATE 2-8-16

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	12,244.47	2.319
BRIDGES	6,169.00	1.168
NET LENGTH OF PROJECT	18,413.47	3.487
EXCEPTIONS	0.000	0.000
GROSS LENGTH OF PROJECT	18,413.47	3.487

01 Final As-Built Contract Plans
01 Final As-Built Plan Sets
02 Drainage As-Builts (SFWMD)
03 As-Built Surveys
04 Bridge Load Ratings
02 Shop Drawings
03 RFI
04 ITS
05 Toll Gantry

KEY SHEET REVISIONS

DATE	DESCRIPTION
4-17-15	REMOVED EARLY TOLLING (3)
9-3-15	REVISED INDEX (5)

(3)

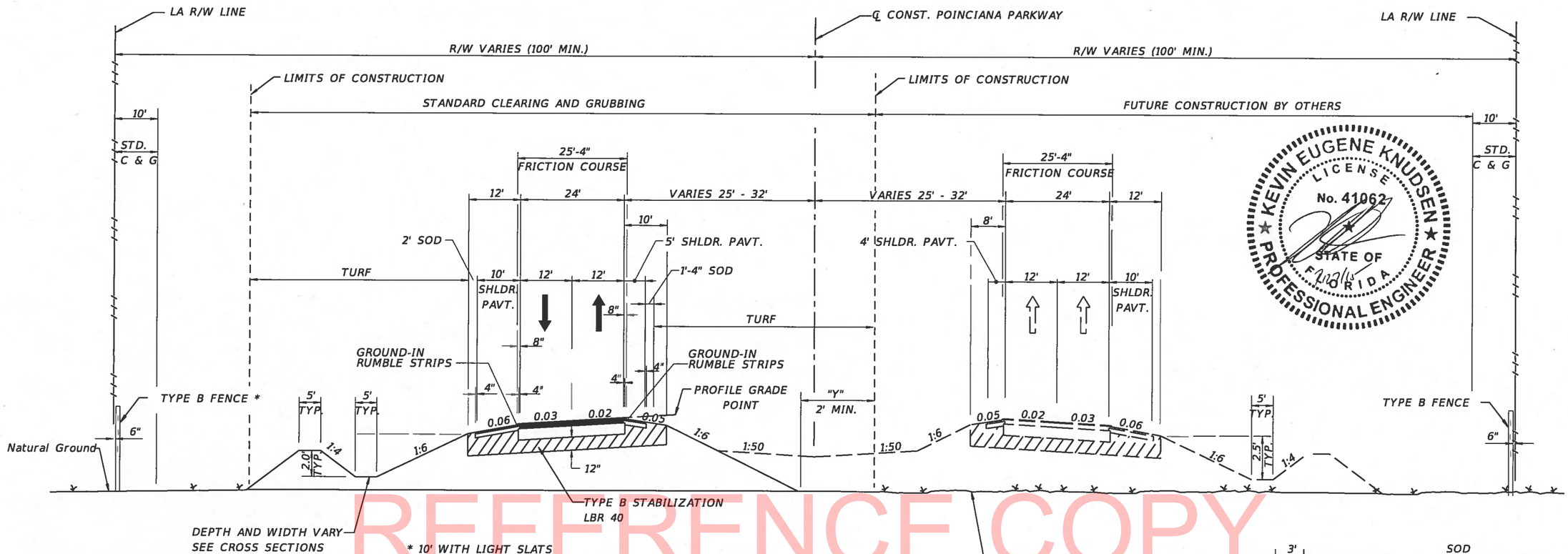
PLANS PREPARED BY:
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FLORIDA 32801
407-843-5120
CERTIFICATE OF AUTHORIZATION NO. 8794
VENDOR NUMBER F130746510001
CONTRACT NO. 13-001

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

KEVIN EUGENE KNUDSEN — LICENSE No. 41062 — 2-10-16 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

ROADWAY PLANS
ENGINEER OF RECORD: KEVIN E. KNUDSEN, P.E.
P.E. NO.: 41062

FISCAL YEAR	SHEET NO.
14	1



REFERENCE COPY

TRAFFIC DATA

CURRENT YEAR = 2013 AADT = N/A
ESTIMATED OPENING YEAR = 2015 AADT = 8,300
ESTIMATED DESIGN YEAR = 2035 AADT = 27,700
K = N/A% D = N/A% T = 3 % (24 HOUR)

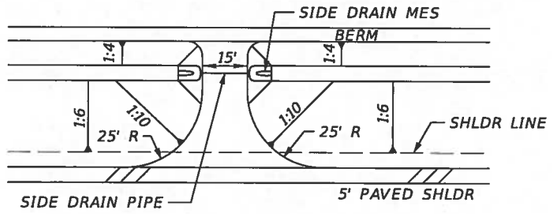
DESIGN SPEED = 70 MPH

NOTE:
FOR SUPER ELEVATED SECTIONS GREATER THAN 5% THE FULL HIGH SIDE SHOULDER CROSS SLOPES SHALL SLOPE THE SAME DIRECTION.

PAVEMENT DESIGN MAINLINE AND SHOULDERS
STA 331+50.00 TO STA 332+50.00

OPTIONAL BASE GROUP 11(7" TYPE B 12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4" (TOP LIFT PG76-22))
AND FRICTION COURSE FC-12.5 (1 1/2")

3



TYPICAL ACCESS DETAIL 'A'

SEE PLAN SHEETS FOR LOCATIONS AND PIPE SIZES
SEE SUMMARY OF DRAINAGE STRUCTURES FOR DETAILS

TYPICAL SECTION
POINCIANA PARKWAY
STA 172+36.53 TO STA 201+05.00
STA 262+74.00 TO STA 356+50.00

NEW CONSTRUCTION

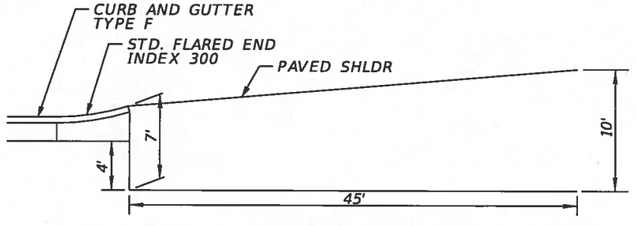
10" OF LIMEROCK ~~OPTIONAL BASE GROUP 9~~ WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2")
AND FRICTION COURSE FC-5 (3/4")

2

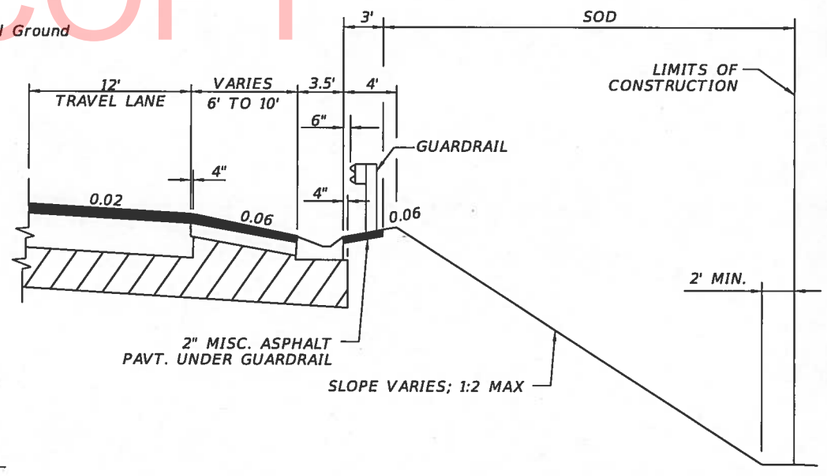
SHOULDER PAVEMENT

4" OF LIMEROCK ~~OPTIONAL BASE GROUP 1~~ WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1-1/2")

2



CURB TO SHOULDER PAVEMENT DETAIL



SHOULDER PAVEMENT & SHOULDER GUTTER DETAIL

SEGMENT 3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
2-4-14	ADDED DETAIL AND REVISED PAVEMENT DESIGN 2		
4-22-14	ADDED PAVEMENT DESIGN 3		

KEVIN E. KNUDSEN, P.E.
P.E. LICENSE NUMBER 41062
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

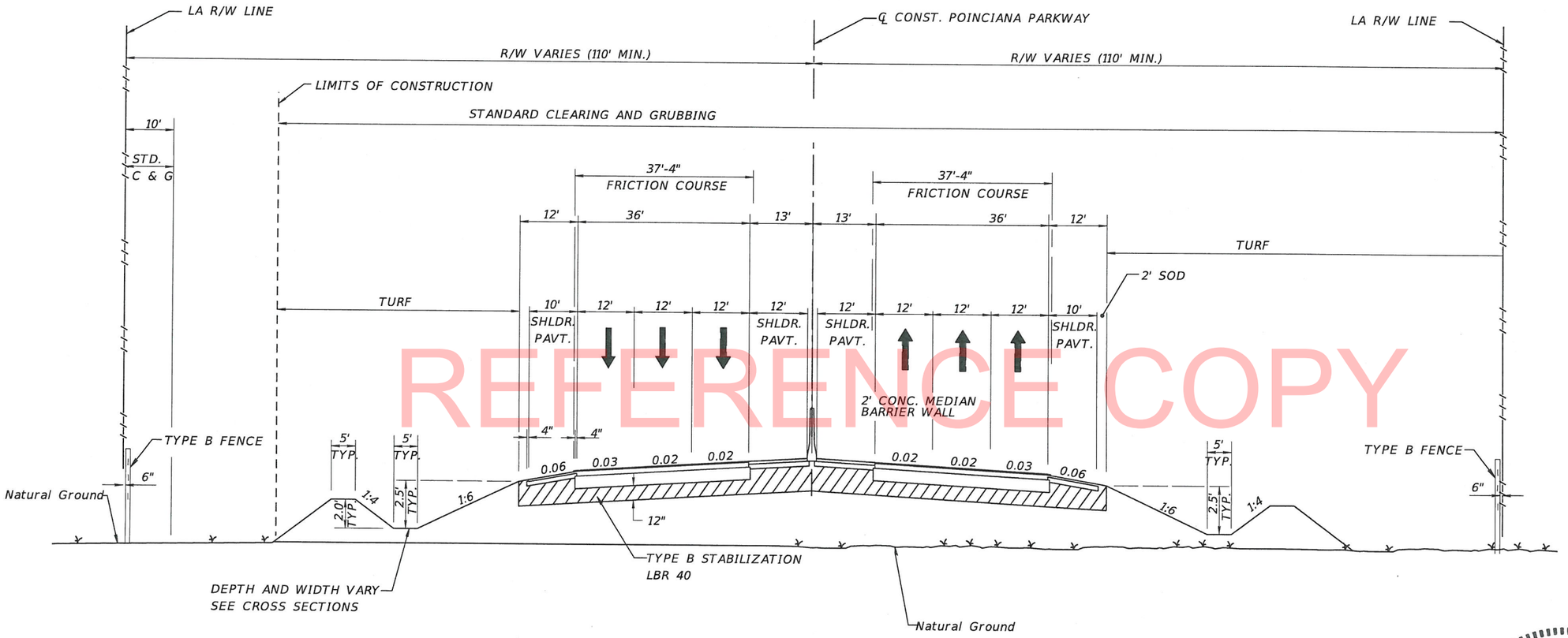
OSCEOLA COUNTY EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	OSCEOLA	

TYPICAL SECTION
POINCIANA PARKWAY

SHEET NO. 8

$USER$ $DATE$ $TIME$ $FILE$



FUTURE 6 LANE TYPICAL SECTION
POINCIANA PARKWAY

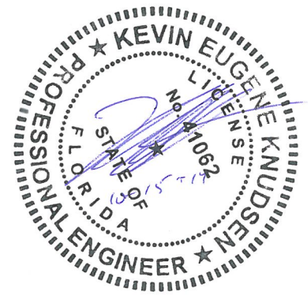
INFORMATION ONLY

REFERENCE COPY

TRAFFIC DATA

CURRENT YEAR = 2013 AADT = N/A
ESTIMATED OPENING YEAR = 2015 AADT = 8,300
ESTIMATED DESIGN YEAR = 2035 AADT = 27,700
K = N/A% D = N/A% T = 3 % (24 HOUR)

DESIGN SPEED = 70 MPH



SEGMENT 3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

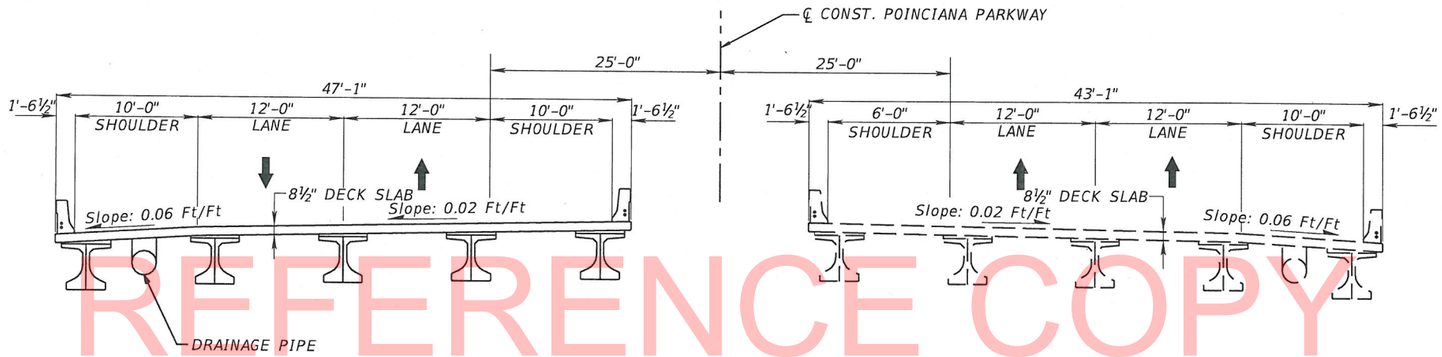
KEVIN E. KNUDSEN, P.E.
P.E. LICENSE NUMBER 41062
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

OSCEOLA COUNTY EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	OSCEOLA	

TYPICAL SECTION
POINCIANA PARKWAY

SHEET NO. 10



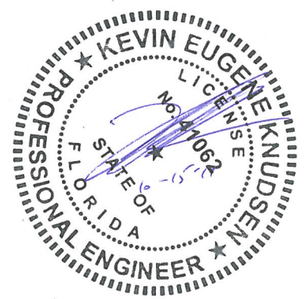
REFERENCE COPY

BRIDGE TYPICAL SECTION
POINCIANA PARKWAY
STA 201+05.00 TO STA 262+74.00

TRAFFIC DATA

CURRENT YEAR = 2013 AADT = N/A
ESTIMATED OPENING YEAR = 2015 AADT = 8,300
ESTIMATED DESIGN YEAR = 2035 AADT = 27,700
K = N/A% D = N/A% T = 3 % (24 HOUR)

DESIGN SPEED = 70 MPH



SEGMENT 3

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KEVIN E. KNUDSEN, P.E.
P.E. LICENSE NUMBER 41062
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

OSCEOLA COUNTY EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	OSCEOLA	

TYPICAL SECTION
POINCIANA PARKWAY

SHEET NO. 11

dfalk 10/15/2014 11:30:20 AM S:\50062305_Poinciana Parkway\Design\roadway\typsrd03.dgn

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

01 Final As-Built Contract Plans
01 Final As-Built Plan Sets
02 Drainage As-Builts (SFWMD)
03 As-Built Surveys
04 Bridge Load Ratings
02 Shop Drawings
03 RFI
04 ITS
05 Toll Gantry

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2013 Design Standards and revised Index Drawings as appended herein, and 2013 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

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

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

REVISIONS

1. SHEETS MODIFIED 1, 8, 15, 19, 22-25, 27, 47-49, ADDED 48A, 62, ADDED 63A & 63B, 64, 73, 91, 107, 116-145, 263-275
2. SHEETS MODIFIED 23-25, 27-29, 31-36, 48A, 50-52, 106-111 (REVISED 10-15-15)
3. SHEETS MODIFIED 2, 5-6, 8, 10, 12, 19, 22-24, 47-49, 52-53, 91, 93, 106, 253-279, S-23 - S-26 (REVISED 12-21-15)
4. SHEETS MODIFIED S-1, S-10, S-11, S-16 THRU S-19, S-24, S-26, S-28, S-33, S-40 THRU S-42 (REVISED 2-8-16)
   SHEETS DELETED S-20, S-21, S-30, S-31, S-32
5. SHEETS ADDED 314A-314D

OSCEOLA COUNTY EXPRESSWAY AUTHORITY

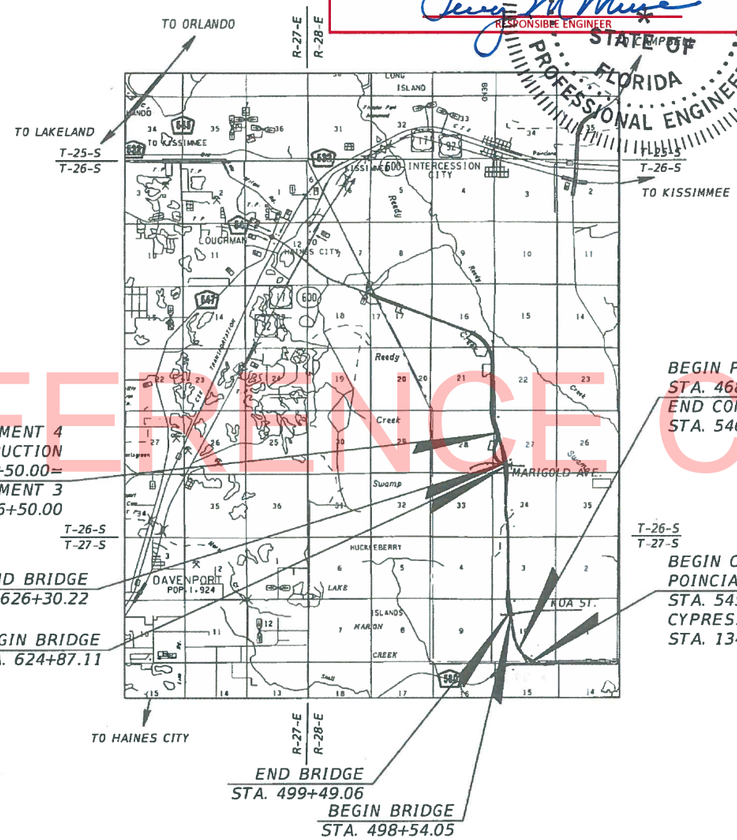
FINAL "AS-BUILT" PLANS

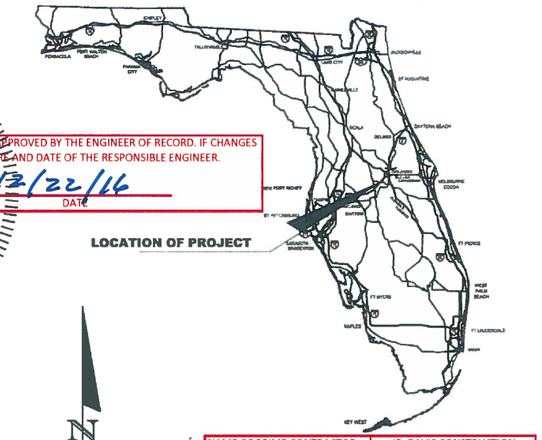
POINCIANA PARKWAY DESIGN/BUILD SEGMENT 4

THIS PROJECT WAS CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THESE PLANS AS APPROVED BY THE ENGINEER OF RECORD. IF CHANGES WERE MADE, THOSE CHANGES ARE INDICATED BY REDLINE AND BEAR THE SEAL, SIGNATURE AND DATE OF THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER — DATE 12/22/16

TERRY MUSE LICENSE No. 54360 STATE OF FLORIDA PROFESSIONAL ENGINEER





NAME OF PRIME CONTRACTOR:	JR. DAVIS CONSTRUCTION
NAME OF PRIME CONSULTANT:	DEWBERRY
NAME OF CEI CONSULTANT:	AECOM
DISTRICT SECRETARY:	NORANNE DOWNS
RESIDENT ENGINEER:	TERRY MUSE, P.E.
OCX PROJECT MANAGER:	FRANK RAYMOND
PROJECT ADMINISTRATOR:	JAMES FITZER
DATE WORK STARTED:	12/19/2013
DATE WORK FINAL ACCEPTED:	12/22/2016

BEGIN PROJECT SEGMENT 4
STA. 468+74.85=
END CONSTRUCTION POINCIANA SPUR
STA. 5468+74.85

END PROJECT SEGMENT 4
END CONSTRUCTION
STA. 653+50.00=
PROJECT SEGMENT 3
STA. 356+50.00

END BRIDGE
STA. 626+30.22

BEGIN BRIDGE
STA. 624+87.11

END BRIDGE
STA. 499+49.06

BEGIN BRIDGE
STA. 498+54.05

BEGIN CONSTRUCTION
POINCIANA PARKWAY SPUR
STA. 5453+69.79
CYPRESS PARKWAY
STA. 134+40.00

PLANS PREPARED BY:

DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FLORIDA 32801
407-843-5120
CERTIFICATE OF AUTHORIZATION NO. 8794
VENDOR NUMBER F130746510001
CONTRACT NO. 13-001

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

KEVIN EUGENE KNUDSEN LICENSE No. 41062 STATE OF FLORIDA PROFESSIONAL ENGINEER 4/9/16

REVISION 5
April 12, 2016

ROADWAY PLANS
ENGINEER OF RECORD: KEVIN E. KNUDSEN, P.E.

P.E. NO.: 41062

FISCAL YEAR	SHEET NO.
14	1

LENGTH OF PROJECT

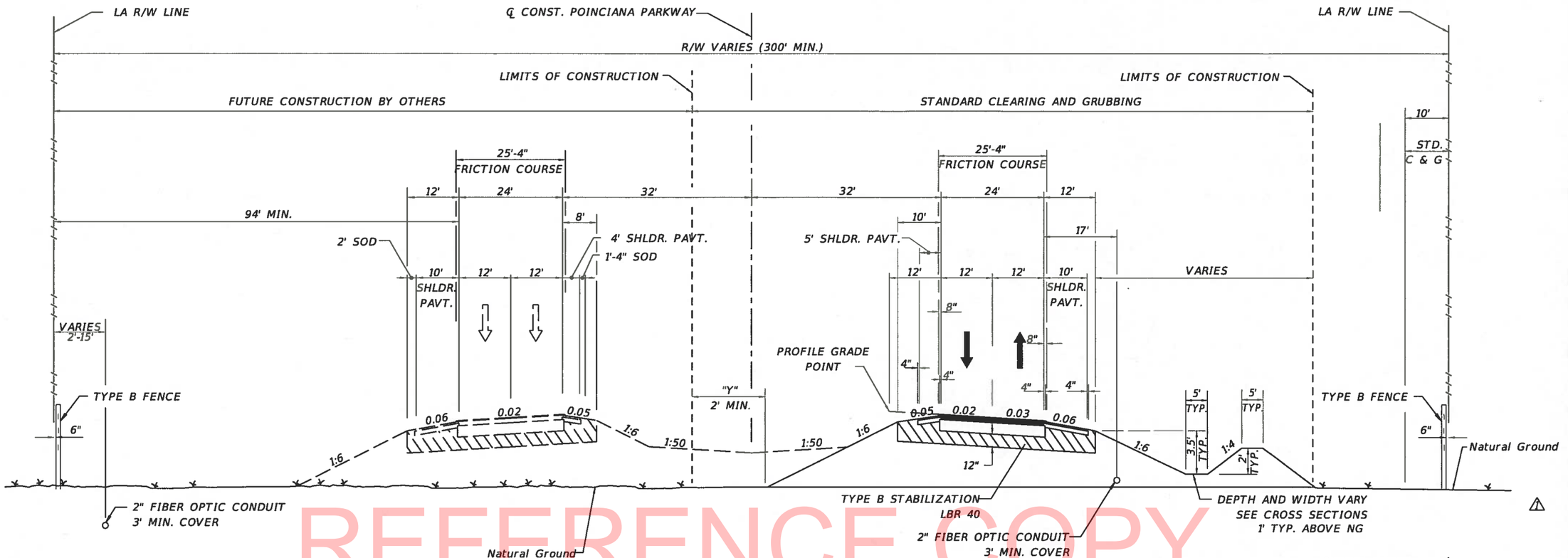
	LINEAR FEET	MILES
ROADWAY	18,237.03	3.454
BRIDGES	238.12	0.045
NET LENGTH OF PROJECT	18,475.15	3.499
EXCEPTIONS	0.000	0.000
GROSS LENGTH OF PROJECT	18,475.15	3.499

KEY SHEET REVISIONS

DATE	DESCRIPTION

REFERENCE COPY

dfalk 4/11/2016 3:57:02 PM S:\50062305_Poinciana_Parkway\Design\roadway\KEYSRD04.dgn

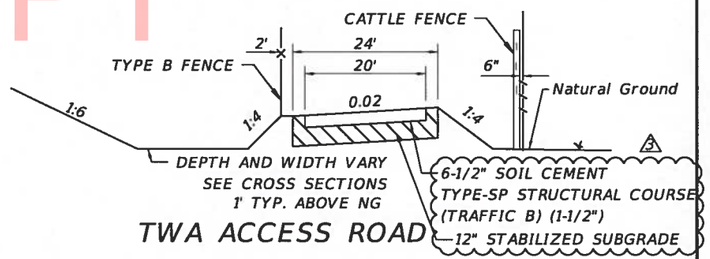


REFERENCE COPY

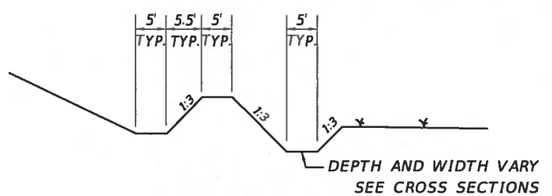
PAVEMENT DESIGN MAINLINE AND SHOULDERS
STA 544+50.00 TO STA 545+50.00

OPTIONAL BASE GROUP 11(7" TYPE B 12.5) WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4" (TOP LIFT PG 76-22))
AND FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)

TYPICAL SECTION
POINCIANA PARKWAY
STA. 468+74.85 TO STA. 653+50.00



TWA ACCESS ROAD



BYPASS DITCH RIGHT
STA. 465+00.00 TO STA. 498+50.00
BYPASS DITCH LEFT
STA. 5465+80.00 TO STA. 483+80.00
CANAL N
STA. 581+00.00 TO STA. 596+70.00

KEVIN EUGENE KNUDSEN
LICENSE
No. 41062
STATE OF FLORIDA
PROFESSIONAL ENGINEER
2/11/16

TRAFFIC DATA

CURRENT YEAR = 2013 AADT = N/A
ESTIMATED OPENING YEAR = 2015 AADT = 8,300
ESTIMATED DESIGN YEAR = 2035 AADT = 27,700
K = N/A% D = N/A% T = 3 % (24 HOUR)

DESIGN SPEED = 70 MPH
CLEARZONE = 36'

NEW CONSTRUCTION

10" OF LIMEROCK ~~OPTIONAL BASE GROUP 9~~ WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (2 1/2")
AND FRICTION COURSE FC-5 (3/4")

SHOULDER PAVEMENT DESIGN

4" OF LIMEROCK ~~OPTIONAL BASE GROUP 1~~ WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1-1/2")

SEGMENT 4

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
10-2-15	1 ADDED ACCESS RD. & MODIFIED DITCHES		
12-21-15	2 REVISED ACCESS ROAD PAVT. DESIGN		

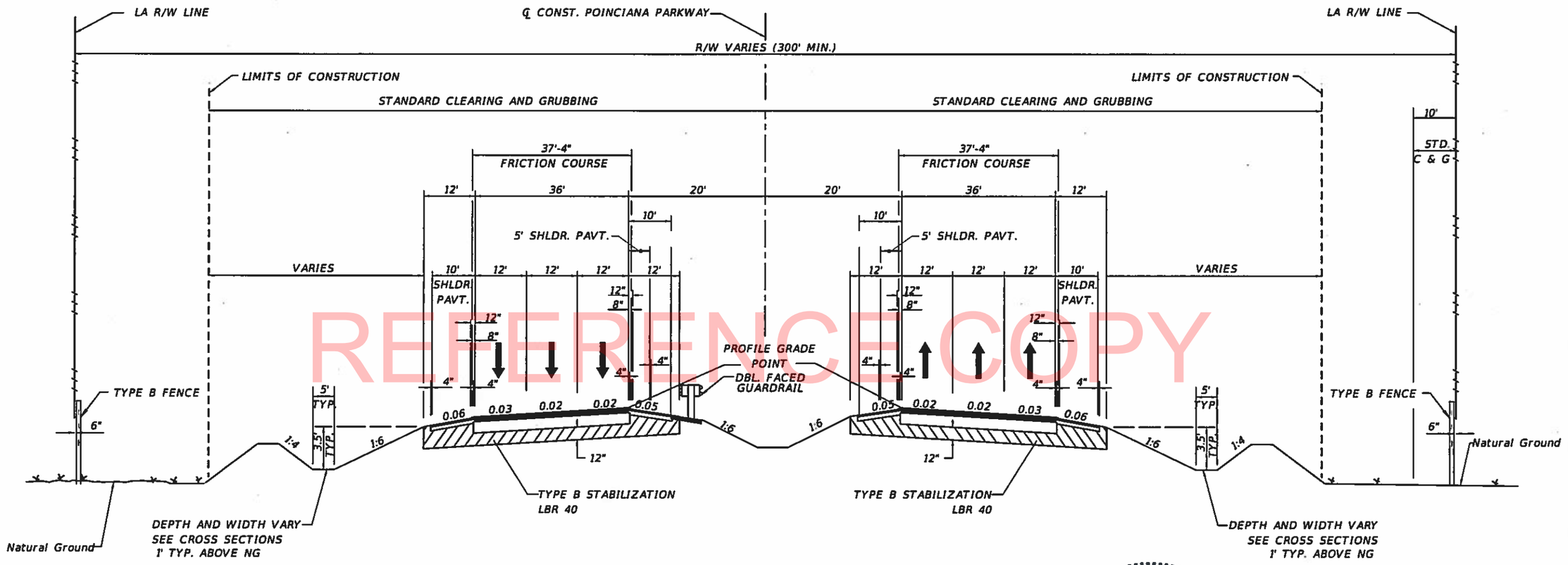
KEVIN E. KNUDSEN, P.E.
P.E. LICENSE NUMBER 41062
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

OSCEOLA COUNTY EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	OSCEOLA	

TYPICAL SECTION
POINCIANA PARKWAY

SHEET NO. 8



REFERENCE COPY

FUTURE 6 LANE TYPICAL SECTION
POINCIANA PARKWAY

INFORMATION ONLY

TRAFFIC DATA

CURRENT YEAR = 2013 AADT = N/A
ESTIMATED OPENING YEAR = 2015 AADT = 8,300
ESTIMATED DESIGN YEAR = 2035 AADT = 27,700
K = N/A% D = N/A% T = 3 % (24 HOUR)

DESIGN SPEED = 70 MPH
CLEARZONE = 36'

KEVIN EUGENE KNUDSEN ★ LICENSED ★ No. 41062 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER ★

SEGMENT 4

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KEVIN E. KNUDSEN, P.E.
P.E. LICENSE NUMBER 41062
DEWBERRY | BOWYER-SINGLETON
520 SOUTH MAGNOLIA AVENUE
ORLANDO, FL 32801
CERTIFICATE OF AUTHORIZATION 8794

OSCEOLA COUNTY EXPRESSWAY AUTHORITY

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	OSCEOLA	

TYPICAL SECTION POINCIANA PARKWAY

SHEET NO. 9

psaind 4/27/2015 10:40:47 AM S:\50062305_Poinciana_Parkway\Design\roadway\typsrd04.dgn

APPENDIX B

FNAI Standard Data Report

REFERENCE COPY

1018 Thomasville Road
Suite 200-C
Tallahassee, FL 32303
850-224-8207
850-681-9364 fax
www.fnai.org

Florida Natural Areas Inventory

Biodiversity Matrix Query Results

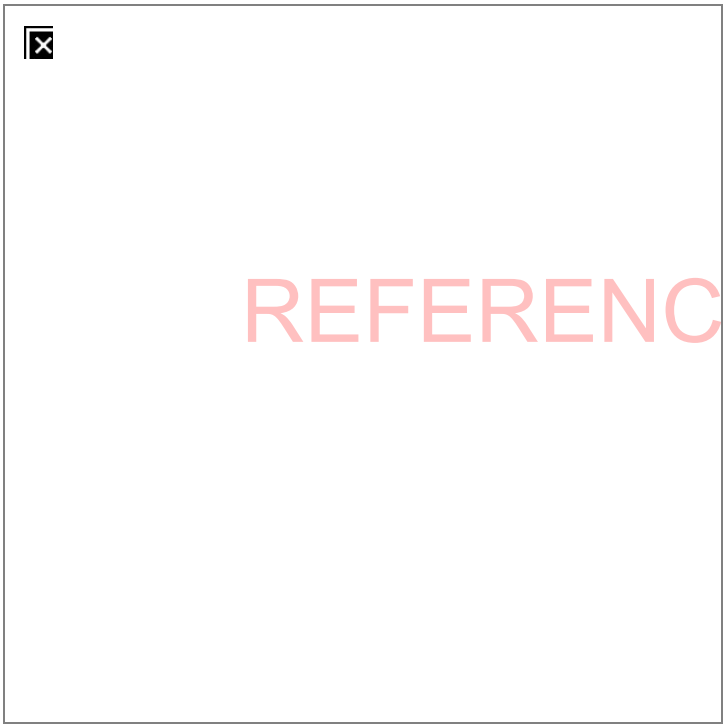
UNOFFICIAL REPORT

Created 8/17/2017

(Contact the FNAI Data Services Coordinator at 850.224.8207 for information on an official Standard Data Report)

NOTE: The Biodiversity Matrix includes only rare species and natural communities tracked by FNAI.

Report for 10 Matrix Units: 40680 , 41049 , 41050 , 41051 , 41052 , 41419 , 41420 , 41421 , 41422 , 41423



REFERENCE COPY

Descriptions

DOCUMENTED - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit.

DOCUMENTED-HISTORIC - There is a documented occurrence in the FNAI database of the species or community within this Matrix Unit; however the occurrence has not been observed/reported within the last twenty years.

LIKELY - The species or community is *known* to occur in this vicinity, and is considered likely within this Matrix Unit because:

1. documented occurrence overlaps this and adjacent Matrix Units, but the documentation isn't precise enough to indicate which of those Units the species or community is actually located in; *or*
2. there is a documented occurrence in the vicinity and there is suitable habitat for that species or community within this Matrix Unit.

POTENTIAL - This Matrix Unit lies within the known or predicted range of the species or community based on expert knowledge and environmental variables such as climate, soils, topography, and landcover.

Matrix Unit ID: 40680

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N

Matrix Unit ID: 41049
0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N

Matrix Unit ID: 41050
0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N

Matrix Unit ID: 41051
0 **Documented** Elements Found

REFERENCE COPY

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mesic flatwoods	G4	S4	N	N

Matrix Unit ID: 41052
0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

0 **Likely** Elements Found

Matrix Unit ID: 41419
0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

0 **Likely** Elements Found

Matrix Unit ID: 41420
0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mycteria americana Wood Stork	G4	S2	LT	FT

Matrix Unit ID: 41421

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

1 **Likely** Element Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mycteria americana Wood Stork	G4	S2	LT	FT

Matrix Unit ID: 41422

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

2 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mycteria americana Wood Stork	G4	S2	LT	FT
Sandhill upland lake	G3	S2	N	N

REFERENCE COPY

Matrix Unit ID: 41423

0 **Documented** Elements Found

0 **Documented-Historic** Elements Found

2 **Likely** Elements Found

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Mycteria americana Wood Stork	G4	S2	LT	FT
Sandhill upland lake	G3	S2	N	N

Matrix Unit IDs: 40680 , 41049 , 41050 , 41051 , 41052 , 41419 , 41420 , 41421 , 41422 , 41423

52 **Potential** Elements Common to Any of the 10 Matrix Units

Scientific and Common Names	Global Rank	State Rank	Federal Status	State Listing
Arnoglossum diversifolium Variable-leaved Indian-plantain	G2	S2	N	T
Athene cunicularia floridana Florida Burrowing Owl	G4T3	S3	N	SSC
Bonamia grandiflora Florida Bonamia	G3	S3	LT	E
Calamintha ashei Ashe's Savory	G3	S3	N	T
	G2G3	S2S3	N	T

Calopogon multiflorus Many-flowered Grass-pink				
Carex chapmanii Chapman's Sedge	G3	S3	N	T
Centrosema arenicola Sand Butterfly Pea	G2Q	S2	N	E
Chionanthus pygmaeus Pygmy Fringe Tree	G2G3	S2S3	LE	E
Clitoria fragrans Scrub Pigeon-wing	G3	S3	LT	E
Coelorachis tuberculosa Piedmont Jointgrass	G3	S3	N	T
Conradina brevifolia Short-leaved Rosemary	G2Q	S2	LE	E
Corynorhinus rafinesquii Rafinesque's Big-eared Bat	G3G4	S2	N	N
Drymarchon couperi Eastern Indigo Snake	G3	S3	LT	FT
Eriogonum longifolium var. gnaphalifolium Scrub Buckwheat	G4T3	S3	LT	E
Gopherus polyphemus Gopher Tortoise	G3	S3	C	ST
Grus canadensis pratensis Florida Sandhill Crane	G5T2T3	S2S3	N	ST
Gymnopogon chapmanianus Chapman's Skeletongrass	G3	S3	N	N
Hartwrightia floridana Hartwrightia	G2	S2	N	T
Heterodon simus Southern Hognose Snake	G2	S2	N	N
Illicium parviflorum Star Anise	G2	S2	N	E
Lechea cernua Nodding Pinweed	G3	S3	N	T
Liatris ohlingerae Florida Blazing Star	G2	S2	LE	E
Lithobates capito Gopher Frog	G3	S3	N	SSC
Litsea aestivalis Pondspice	G3?	S2	N	E
Lupinus aridorum Scrub Lupine	G1	S1	LE	E
Matelea floridana Florida Spiny-pod	G2	S2	N	E
Mustela frenata peninsulae Florida Long-tailed Weasel	G5T3	S3	N	N
Nemastylis floridana Celestial Lily	G2	S2	N	E
Neofiber alleni Round-tailed Muskrat	G3	S3	N	N
Nolina atopocarpa Florida Beargrass	G3	S3	N	T
Nolina brittoniana Britton's Beargrass	G3	S3	LE	E
Notophthalmus perstriatus Striped Newt	G2G3	S2	C	N
Panicum abscissum Cutthroat Grass	G3	S3	N	E
Paronychia chartacea ssp. chartacea Paper-like Nailwort	G3T3	S3	LT	E
	G3	S3	N	N

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Peucaea aestivalis Bachman's Sparrow				
Picoides borealis Red-cockaded Woodpecker	G3	S2	LE	FE
Pituophis melanoleucus mugitus Florida Pine Snake	G4T3	S3	N	SSC
Plestiodon egregius lividus Blue-tailed Mole Skink	G5T2	S2	LT	FT
Podomys floridanus Florida Mouse	G3	S3	N	SSC
Polygala lewtonii Lewton's Polygala	G2G3	S2S3	LE	E
Polygonella basiramia Florida Jointweed	G3	S3	LE	E
Polygonella myriophylla Small's Jointweed	G3	S3	LE	E
Prunus geniculata Scrub Plum	G3	S3	LE	E
Pteroglossaspis ecristata Giant Orchid	G2G3	S2	N	T
Puma concolor coryi Florida Panther	G5T1	S1	LE	FE
Rostrhamus sociabilis Snail Kite	G4G5	S2	LE	N
Salix floridana Florida Willow	G2	S2	N	E
Sceloporus woodi Florida Scrub Lizard	G2G3	S2S3	N	N
Sciurus niger shermani Sherman's Fox Squirrel	G5T3	S3	N	SSC
Ursus americanus floridanus Florida Black Bear	G5T2	S2	N	N
Warea amplexifolia Clasping Warea	G1	S1	LE	E
Warea carteri Carter's Warea	G3	S3	LE	E

REFERENCE COPY

Disclaimer

The data maintained by the Florida Natural Areas Inventory represent the single most comprehensive source of information available on the locations of rare species and other significant ecological resources statewide. However, the data are not always based on comprehensive or site-specific field surveys. Therefore, this information should not be regarded as a final statement on the biological resources of the site being considered, nor should it be substituted for on-site surveys. FNAI shall not be held liable for the accuracy and completeness of these data, or opinions or conclusions drawn from these data. FNAI is not inviting reliance on these data. Inventory data are designed for the purposes of conservation planning and scientific research and are not intended for use as the primary criteria for regulatory decisions.

Unofficial Report

These results are considered unofficial. FNAI offers a Standard Data Request option for those needing certifiable data.

APPENDIX C

USFWS IPaC Trust Resources Report

REFERENCE COPY

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

REFERENCE COPY
Not for consultation

Location

Osceola and Polk counties, Florida

Local office

South Florida Ecological Services Field Office

(772) 562-3909
(772) 562-4288

1339 20th Street
Vero Beach, FL 32960-3559

http://fws.gov/verobeach

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Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

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Not for consultation

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species

[1] are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service.

1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Florida Bonneted Bat Eumops floridanus No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8630	Endangered
Florida Panther Puma (=Felis) concolor coryi No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1763	Endangered
Puma (=mountain Lion) Puma (=Felis) concolor (all subsp. except coryi) No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6049	SAT

Birds

NAME	STATUS
Audubon's Crested Caracara Polyborus plancus audubonii No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8250	Threatened
Everglade Snail Kite Rostrhamus sociabilis plumbeus There is a **final** critical habitat designated for this species. Your location is outside the designated critical habitat. https://ecos.fws.gov/ecp/species/7713	Endangered
Florida Grasshopper Sparrow Ammodramus savannarum floridanus No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/32	Endangered
Florida Scrub-jay Aphelocoma coerulescens No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6174	Threatened

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Not for consultation

Ivory-billed Woodpecker Campephilus principalis — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/8230

Red-cockaded Woodpecker Picoides borealis — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/7614

Whooping Crane Grus americana — EXPN
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/758

Wood Stork Mycteria americana — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/8477

Reptiles

NAME	STATUS

American Alligator Alligator mississippiensis — SAT
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/776

Bluetail Mole Skink Eumeces egregius lividus — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/2203

Eastern Indigo Snake Drymarchon corais couperi — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/646

Sand Skink Neoseps reynoldsi — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/4094

REFERENCE COPY
Not for consultation

Flowering Plants

NAME	STATUS
Avon Park Harebells Crotalaria avonensis No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7093	Endangered
Britton's Beargrass Nolina brittoniana No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/4460	Endangered
Carter's Mustard Warea carteri No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/5583	Endangered
Florida Bonamia Bonamia grandiflora No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2230	Threatened
Florida Ziziphus Ziziphus celata No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2950	Endangered
Highlands Scrub Hypericum Hypericum cumulicola No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2940	Endangered
Lewton's Polygala Polygala lewtonii No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/6688	Endangered
Papery Whitlow-wort Paronychia chartacea No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1465	Threatened
Pigeon Wings Clitoria fragrans No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/991	Threatened

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Not for consultation

Pygmy Fringe-tree Chionanthus pygmaeus — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/1084

Sandlace Polygonella myriophylla — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/5745

Scrub Blazingstar Liatris ohlingerae — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/864

Scrub Buckwheat Eriogonum longifolium var. gnaphalifolium — Threatened
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/5940

Scrub Lupine Lupinus aridorum — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/736

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Not for consultation

Scrub Mint Dicerandra frutescens — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/799

Scrub Plum Prunus geniculata — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/2238

Short-leaved Rosemary Conradina brevifolia — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/2929

Wide-leaf Warea Warea amplexifolia — Endangered
No critical habitat has been designated for this species.
https://ecos.fws.gov/ecp/species/412

Wireweed Polygonella basiramia No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1718	Endangered

Lichens

NAME	STATUS
Florida Perforate Cladonia Cladonia perforata No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/7516	Endangered

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

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Not for consultation

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any activity that results in the take (to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct) of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service[3]. There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Conservation measures for birds http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Year-round bird occurrence data http://www.birdscanada.org/birdmon/default/datasummaries.jsp

The migratory birds species listed below are species of particular conservation concern (e.g. Birds of Conservation Concern) that may be potentially affected by activities in this location. It is not a list of every bird species you may find in this location, nor a guarantee that all of the bird species on this list will be found on or near this location. Although it is important to try to avoid and minimize impacts to all birds, special attention should be made to avoid and minimize impacts to birds of priority concern. To view available data on other bird species that may occur in your project area, please visit the AKN Histogram Tools and Other Bird Data Resources. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

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NAME	SEASON(S)
American Bittern Botaurus lentiginosus https://ecos.fws.gov/ecp/species/6582	Wintering
American Kestrel Falco sparverius paulus	Year-round
American Oystercatcher Haematopus palliatus https://ecos.fws.gov/ecp/species/8935	Year-round
Bachman's Sparrow Aimophila aestivalis https://ecos.fws.gov/ecp/species/6177	Year-round
Bald Eagle Haliaeetus leucocephalus https://ecos.fws.gov/ecp/species/1626	Year-round
Black Rail Laterallus jamaicensis https://ecos.fws.gov/ecp/species/7717	Breeding

Brown-headed Nuthatch *Sitta pusilla*	Year-round
Chuck-will's-widow *Caprimulgus carolinensis*	Year-round
Common Ground-dove *Columbina passerina exigua*	Year-round
Henslow's Sparrow *Ammodramus henslowii* https://ecos.fws.gov/ecp/species/3941	Wintering
Least Bittern *Ixobrychus exilis* https://ecos.fws.gov/ecp/species/6175	Year-round
Lesser Yellowlegs *Tringa flavipes* https://ecos.fws.gov/ecp/species/9679	Wintering
Limpkin *Aramus guarauna*	Year-round
Loggerhead Shrike *Lanius ludovicianus* https://ecos.fws.gov/ecp/species/8833	Year-round
Peregrine Falcon *Falco peregrinus* https://ecos.fws.gov/ecp/species/8831	Wintering
Prairie Warbler *Dendroica discolor*	Wintering
Prothonotary Warbler *Protonotaria citrea*	Breeding
Red-headed Woodpecker *Melanerpes erythrocephalus*	Year-round
Rusty Blackbird *Euphagus carolinus*	Wintering
Short-eared Owl *Asio flammeus* https://ecos.fws.gov/ecp/species/9295	Wintering

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Not for consultation

Short-tailed Hawk Buteo brachyurus https://ecos.fws.gov/ecp/species/8742	Breeding
Smooth-billed Ani Crotophaga ani https://ecos.fws.gov/ecp/species/1754	Year-round
Swainson's Warbler Limnothlypis swainsonii	Migrating
Swallow-tailed Kite Elanoides forficatus https://ecos.fws.gov/ecp/species/8938	Breeding
Worm Eating Warbler Helmitheros vermivorum	Migrating
Yellow Rail Coturnicops noveboracensis https://ecos.fws.gov/ecp/species/9476	Wintering

What does IPaC use to generate the list of migratory bird species potentially occurring in my specified location?

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Landbirds:

Migratory birds that are displayed on the IPaC species list are based on ranges in the latest edition of the National Geographic Guide, Birds of North America (6th Edition, 2011 by Jon L. Dunn, and Jonathan Alderfer). Although these ranges are coarse in nature, a number of U.S. Fish and Wildlife Service migratory bird biologists agree that these maps are some of the best range maps to date. These ranges were clipped to a specific Bird Conservation Region (BCR) or USFWS Region/Regions, if it was indicated in the 2008 list of Birds of Conservation Concern (BCC) that a species was a BCC species only in a particular Region/Regions. Additional modifications have been made to some ranges based on more local or refined range information and/or information provided by U.S. Fish and Wildlife Service biologists with species expertise. All migratory birds that show in areas on land in IPaC are those that appear in the 2008 Birds of Conservation Concern report.

Not for consultation

Atlantic Seabirds:

Ranges in IPaC for birds off the Atlantic coast are derived from species distribution models developed by the National Oceanic and Atmospheric Association (NOAA) National Centers for Coastal Ocean Science (NCCOS) using the best available seabird survey data for the offshore Atlantic Coastal region to date. NOAANCCOS assisted USFWS in developing seasonal species ranges from their models for specific use in IPaC. Some of these birds are not BCC species but were of interest for inclusion because they may occur in high abundance off the coast at different times throughout the year, which potentially makes them more susceptible to certain types of development and activities taking place in that area. For more refined details about the abundance

and richness of bird species within your project area off the Atlantic Coast, see the Northeast Ocean Data Portal. The Portal also offers data and information about other types of taxa that may be helpful in your project review.

About the NOAANCCOS models: the models were developed as part of the NOAANCCOS project: Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf. The models resulting from this project are being used in a number of decision-support/mapping products in order to help guide decision-making on activities off the Atlantic Coast with the goal of reducing impacts to migratory birds. One such product is the Northeast Ocean Data Portal, which can be used to explore details about the relative occurrence and abundance of bird species in a particular area off the Atlantic Coast.

All migratory bird range maps within IPaC are continuously being updated as new and better information becomes available.

Can I get additional information about the levels of occurrence in my project area of specific birds or groups of birds listed in IPaC?

Landbirds:

The Avian Knowledge Network (AKN) provides a tool currently called the "Histogram Tool", which draws from the data within the AKN (latest,survey, point count, citizen science datasets) to create a view of relative abundance of species within a particular location over the course of the year. The results of the tool depict the frequency of detection of a species in survey events, averaged between multiple datasets within AKN in a particular week of the year. You may access the histogram tools through the Migratory Bird Programs AKN Histogram Tools webpage.

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Not for consultation

The tool is currently available for 4 regions (California, Northeast U.S., Southeast U.S. and Midwest), which encompasses the following 32 states: Alabama, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New Jersey, New York, North, Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, and Wisconsin.

In the near future, there are plans to expand this tool nationwide within the AKN, and allow the graphs produced to appear with the list of trust resources generated by IPaC, providing you with an additional level of detail about the level of occurrence of the species of particular concern potentially occurring in your project area throughout the course of the year.

Atlantic Seabirds:

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAANCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Facilities

Wildlife refuges

Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGES AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

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Not for consultation

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

WETLAND INFORMATION IS NOT AVAILABLE AT THIS TIME
This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the NWI map to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible

hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

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Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Not for consultation

APPENDIX D

SEARCH Desktop Analysis

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DESKTOP ANALYSIS FOR THE CONCEPT, FEASIBILITY & MOBILITY STUDY POINCIANA PARKWAY EXTENSION/I-4 CONNECTOR OSCEOLA AND POLK COUNTIES, FLORIDA

CONSULTANT:	SEARCH 1515 W. Smith Street, Orlando, Florida 32804
PRINCIPAL INVESTIGATOR:	Angela Matusik, MA
CLIENT:	Kimley-Horn and Associates, Inc.
DATE:	September 2017
SEARCH PROJECT NUMBER:	3929-17073T

In September 2017, SEARCH completed a desktop analysis of the proposed Poinciana Parkway Extension/I-4 Connector Study Area in Osceola and Polk Counties, Florida. The present desktop analysis was conducted with the purpose of identifying cultural resource potential and previously recorded historic properties in the vicinity of the proposed project that are listed, or may be eligible for listing, in the National Register of Historic Places (NRHP).

The project Study Area was defined by Kimley-Horn and Associates, Inc. as an approximately 15,820-acre swath of land (**Figure 1**). Within this study area, nine roadway and four interchange alignment alternatives were examined (**Figure 2**). The Florida Master Site File (FMSF) database was reviewed for any previous surveys or previously recorded resources within the Study Area. In addition, the Property Appraiser databases for Osceola and Polk Counties, historic maps, and aerial photographs were reviewed to determine if potential historic resources constructed prior to 1973 are located within the Study Area.

REFERENCE COPY

POINCIANA PARKWAY EXTENSION/I-4 CONNECTOR STUDY AREA—PREVIOUS SURVEYS

Examination of the FMSF database (updated July 2017) indicates that 69 previous cultural resource surveys intersect the Poinciana Parkway Extension/I-4 Connector Study Area (**Appendix A**). **Figure 3** shows the overall coverage of these surveys within the Study Area. However, the existence of a previous survey in the area may not negate the need for an updated survey for the current project. Factors such as the date of the previous study and the scope/intensity of the actual work performed in a previous survey would need to be considered.

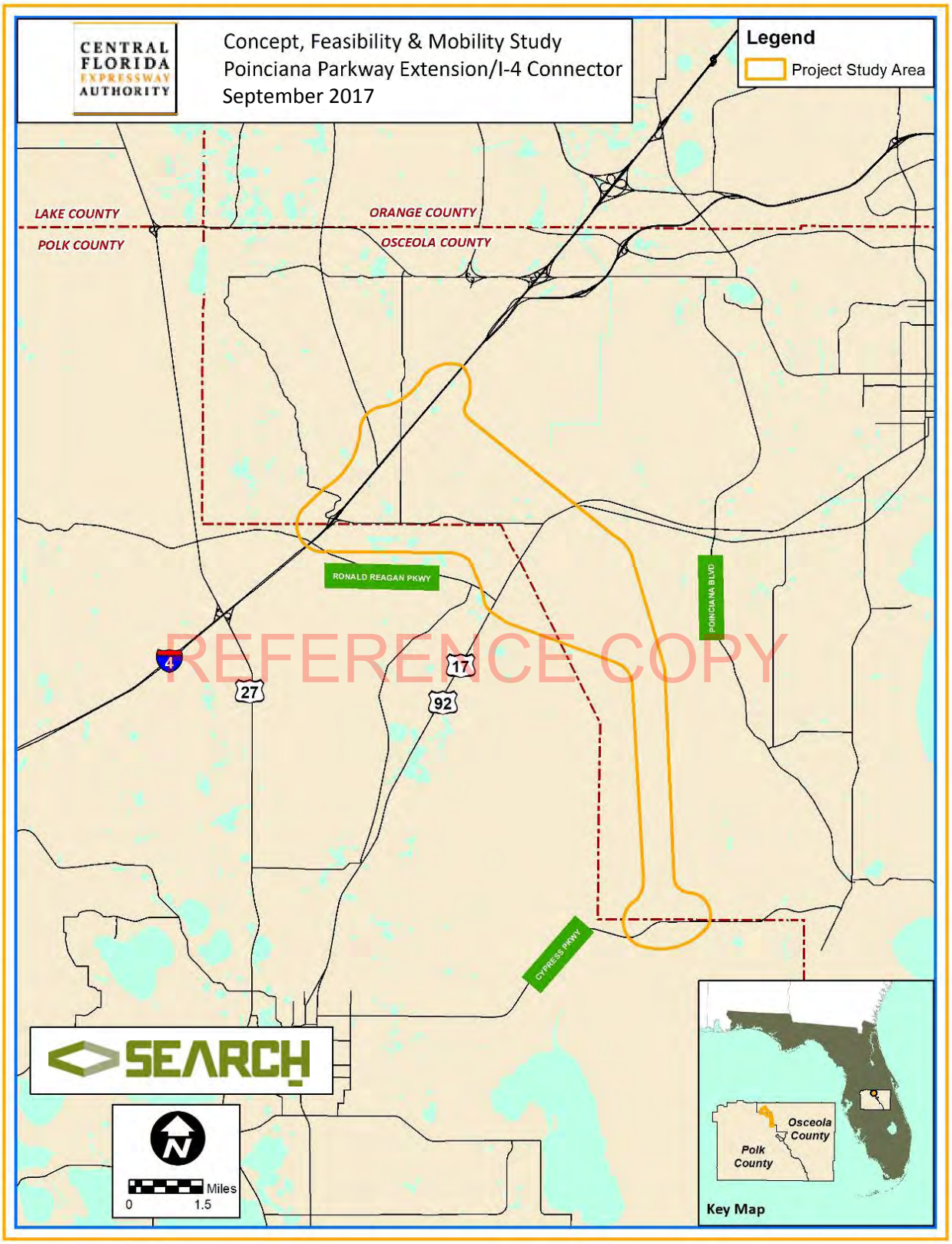

Figure 1. Location of the Study Area for the Poinciana Parkway Extension/I-4 Connector Desktop Analysis in Osceola and Polk Counties, Florida.

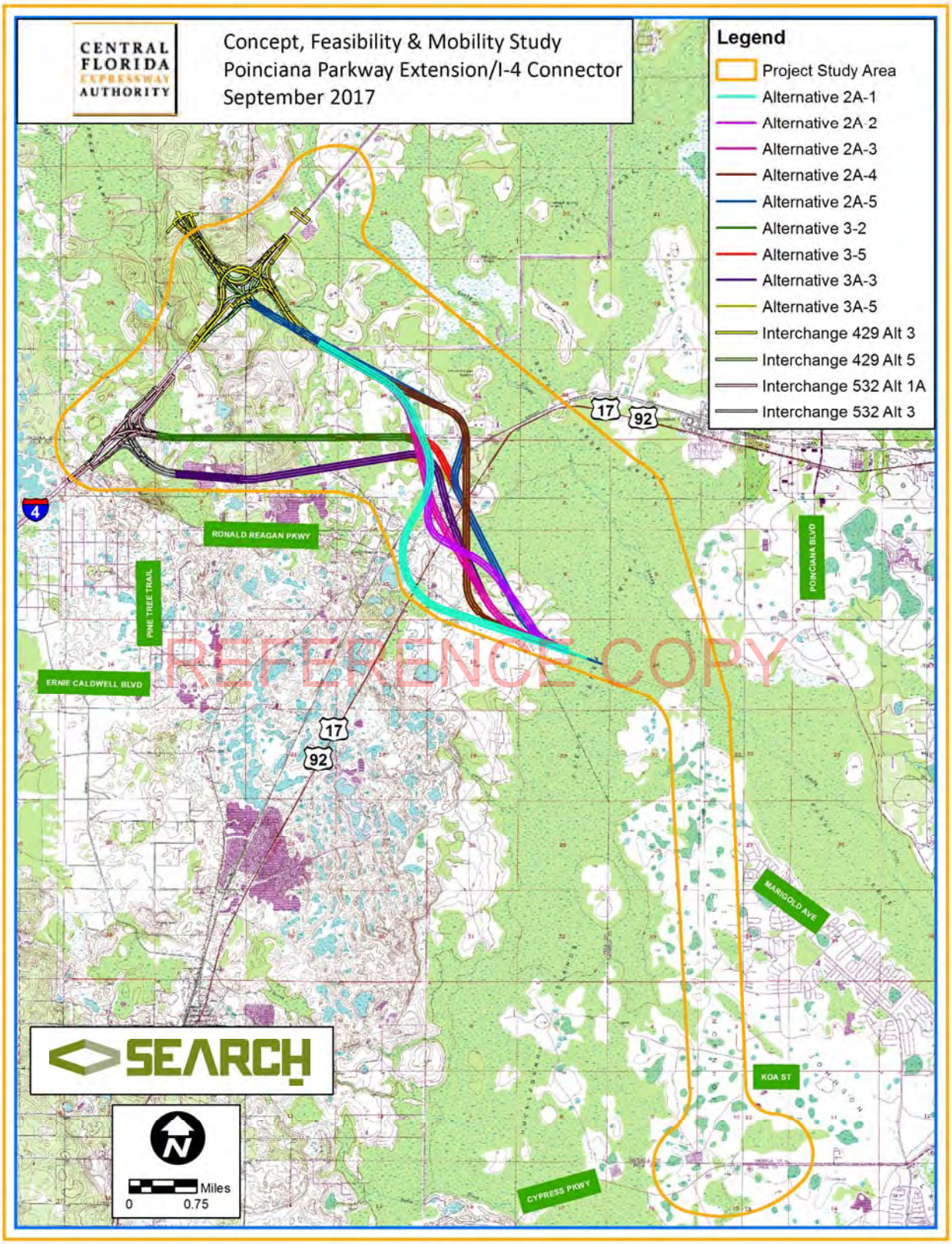

Figure 2. Nine roadway and four interchange alignment alternatives within the Poinciana Parkway Extension/I-4 Study Area.

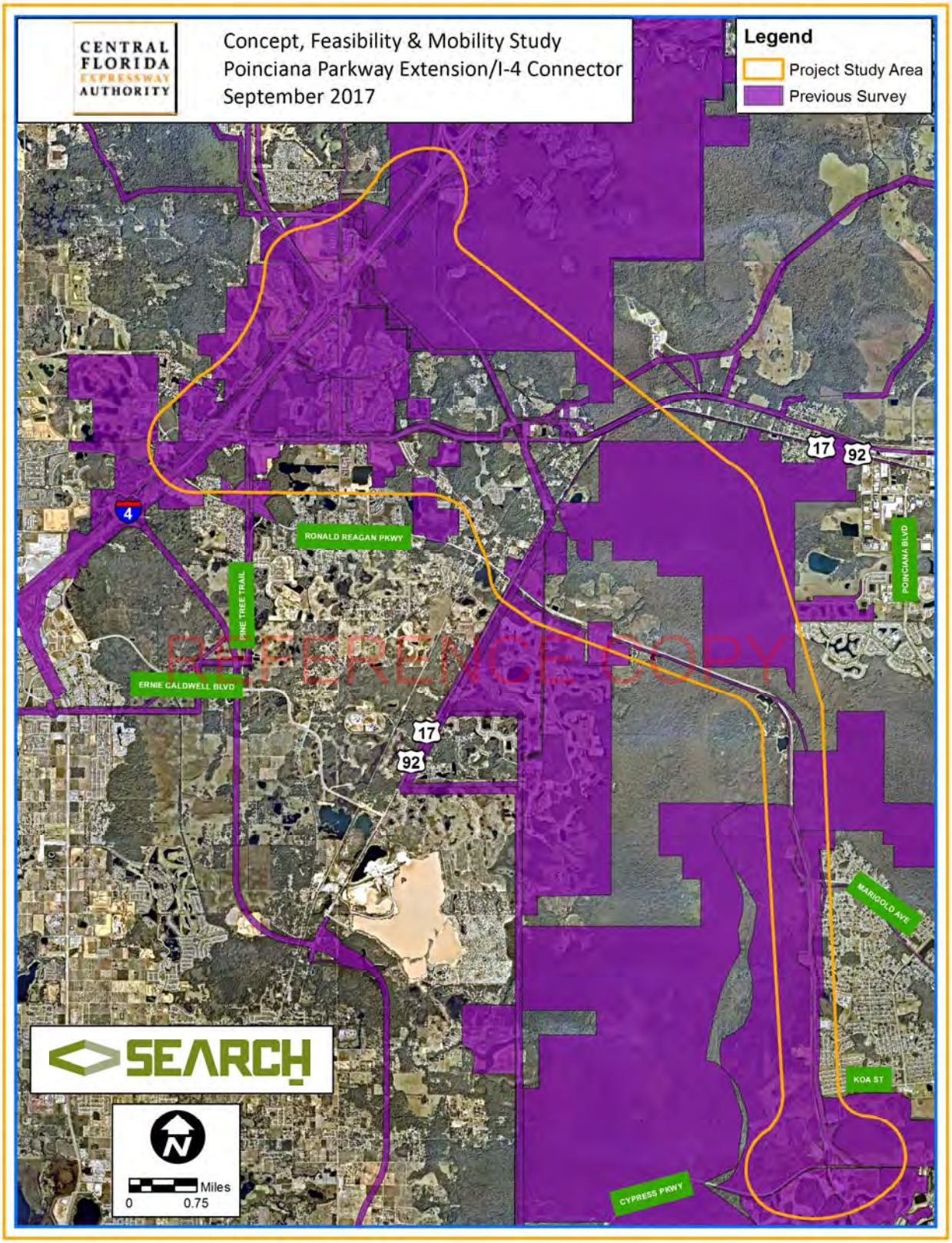

Figure 3. Previous cultural resource surveys intersecting the Poinciana Parkway Extension/I-4 Poinciana Connector Study Area. Source: FMSF (7/2017); KHA (2017).

POINCIANA PARKWAY EXTENSION/I-4 CONNECTOR STUDY AREA—RECORDED RESOURCES

Overall, FMSF data (July 2017) indicates that a total of 15 historic structures, four historic bridges, two historic cemeteries, six historic linear resources, and 80 archaeological sites have been recorded within the Poinciana Parkway Extension/I-4 Connector Study Area. Of these, one historic structure, three historic bridges, one historic cemetery, three historic linear resources, and 21 archaeological sites are either eligible for listing on the NRHP or need additional work to evaluate eligibility.

Table 1 lists only the FMSF resources that intersect the various roadway and interchange alignment alternatives. The full list of all previously recorded resources within the larger Study Area is found in **Appendix B**. **Figure 4** shows all the historic resources within the Study Area. **Figure 5** depicts all the archaeological sites within the Study Area; those labeled indicate the site is eligible for NRHP listing or has not been evaluated for eligibility by the State Historic Preservation Officer (SHPO).

Table 1. FMSF Resources Intersecting the Roadway and Interchange Alignment Alternatives.

FMSF No.	Resource Name	Resource Type	SHPO Evaluation	Alternative Name
8OS00047	Disney World 3	Archaeological Site	Ineligible for NRHP	Interchange 429 Alt 3 Interchange 429 Alt 5
8OS00048	Disney World 4	Archaeological Site	Not Evaluated	Interchange 532 Alt 1A
8OS00093	Osceola Pointe 1	Archaeological Site	Not Evaluated	Interchange 429 Alt 3 Interchange 429 Alt 5
8OS00100	Gasp	Archaeological Site	Not Evaluated	Interchange 429 Alt 3 Interchange 429 Alt 5
8OS00111	Hexagon Center 9	Archaeological Site	Ineligible for NRHP	Interchange 532 Alt 1A Interchange 532 Alt 3
8OS00113	Hexagon Center 11	Archaeological Site	Not Evaluated	Alternative 3-2 Alternative 3-5
8OS00142	Stolen Battery	Archaeological Site	Ineligible for NRHP	Interchange 532 Alt 1A Interchange 532 Alt 3
8OS00150	Gilmar	Archaeological Site	Ineligible for NRHP	Alternative 2A-3 Alternative 3A-3
8OS00151	Parker Highway	Archaeological Site	Ineligible for NRHP	Alternative 2A-1 Alternative 2A-2 Alternative 2A-3 Alternative 2A-4 Alternative 2A-5 Alternative 3-2 Alternative 3-5 Alternative 3A-3 Alternative 3A-5
8OS00591	Reedy Slough	Archaeological Site	Ineligible for NRHP	Interchange 429 Alt 3
8OS00592	Piney Island	Archaeological Site	Ineligible for NRHP	Interchange 429 Alt 3
8OS00594	Creek Crossing	Archaeological Site	Ineligible for NRHP	Interchange 429 Alt 3 Interchange 429 Alt 5

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Table 1. FMSF Resources Intersecting the Roadway and Interchange Alignment Alternatives.

FMSF No.	Resource Name	Resource Type	SHPO Evaluation	Alternative Name
8OS00595	North Point	Archaeological Site	Ineligible for NRHP	Alternative 2A-5 Interchange 429 Alt 3 Interchange 429 Alt 5
8OS00613	Davenport Swamp	Archaeological Site	Not Evaluated	Interchange 429 Alt 3 Interchange 429 Alt 5
8OS01721	Morning Dew	Archaeological Site	Ineligible for NRHP	Alternative 2A-1 Alternative 2A-2
8OS01722	Redtop	Archaeological Site	Ineligible for NRHP	Alternative 2A-1 Alternative 2A-2
8OS01777	North Point	Archaeological Site	Ineligible for NRHP	Interchange 429 Alt 3 Interchange 429 Alt 5
8OS01786	Felix 2	Archaeological Site	Ineligible for NRHP	Interchange 429 Alt 3
8OS01840	JR178	Archaeological Site	Ineligible for NRHP	Alternative 3-2 Alternative 3-5
8OS01867	JR220	Archaeological Site	Ineligible for NRHP	Alternative 2A-5 Interchange 429 Alt 5
8PO03968	Lost Penny	Archaeological Site	Ineligible for NRHP	Alternative 3A-3 Alternative 3A-5
8PO06151	JR-63	Archaeological Site	Ineligible for NRHP	Alternative 3-2 Alternative 3-5 Interchange 532 Alt 3
8PO06840	Pink Fox Run	Archaeological Site	Ineligible for NRHP	Alternative 2A-3 Alternative 2A-4 Alternative 3A-3
8PO07102	Lake Wilson 1	Archaeological Site	Ineligible for NRHP	Alternative 3A-3 Alternative 3A-5
8PO02218	Cemetery Homestead	Historic Structure	Ineligible for NRHP	Alternative 2A-1
8PO07155	6801 US Highway 17/92	Historic Structure	Ineligible for NRHP	Alternative 3A-3
8PO07156	6703 US Highway 17/92	Historic Structure	Ineligible for NRHP	Alternative 3A-3
8PO07157	+/-6604 US Hwy 17/92	Historic Structure	Ineligible for NRHP	Alternative 2A-3
8OS01925	Oak Hill Baptist Church Cemetery	Historic Cemetery	Ineligible for NRHP	Interchange 532 Alt 3
8OS02540	South Florida RR	Linear Resource	Eligible for NRHP	Alternative 2A-4 Alternative 2A-5 Alternative 3-5 Alternative 3A-5
8OS02567	Old Kissimmee Road/ Old Tampa Highway	Linear Resource	Insufficient Information	Alternative 2A-4 Alternative 2A-5 Alternative 3-5 Alternative 3A-5
8PO07154	Old Kissimmee Road/ Old Tampa Highway	Linear Resource	Insufficient Information	Alternative 2A-1 Alternative 2A-2 Alternative 2A-3 Alternative 3-2 Alternative 3A-3 Alternative 3A-5

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Table 1. FMSF Resources Intersecting the Roadway and Interchange Alignment Alternatives.

FMSF No.	Resource Name	Resource Type	SHPO Evaluation	Alternative Name
8PO07219	South Florida Railroad (CSX RR)	Linear Resource	Ineligible for NRHP	Alternative 2A-1 Alternative 2A-2 Alternative 2A-3 Alternative 3-2 Alternative 3A-3 Alternative 3A-5

Yellow highlight indicates additional investigation is needed for the resource.

Alternative 2A-1 and the Kinney Harmon Road Cemetery (8PO01519)

Although not located directly within any of the current proposed roadway alignments, the previously recorded Kinney Harmon Road Cemetery (8PO01519) warrants special consideration. Between August 2016 and March 2017, SEARCH conducted a ground-penetrating radar (GPR) survey of the NRHP-eligible Kinney Harmon Road Cemetery (8PO01519) (FMSF Survey Nos. 23996 and 23998). 8PO01519 has been determined eligible for listing in the NRHP under Criterion B, for its association with the works of Zora Neale Hurston, and Criterion D for its potential to yield information about African-American burial practices from the early to mid-twentieth century. The recent work by SEARCH resulted in a modified recommended boundary for the cemetery (**Figure 6**). As noted in the survey report, additional testing is needed to verify the cemetery's southern boundary. The SHPO concurred with SEARCH's recommendation that "the area be subject to archaeological monitoring during ground-disturbing activities, including an appropriate barrier or marker erected around the boundary of the cemetery to help avoid inadvertent impacts [during construction]." SEARCH advises avoidance of the recommended boundary for 8PO01519 as defined in **Figure 6** to avoid potential involvement with unmarked human remains. Should the 2A-1 Roadway Alignment Alternative be selected for construction, and it is not possible to avoid 8PO01519, agency consultation will be required to address project-related effects.

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Poinciana Parkway Extension/I-4 Connector Study Area—Unrecorded Resources

For transportation projects, it is typical to use a 45-year cut-off (e.g., "structures constructed prior to 1973") for the architectural history survey in order to give the CRAS document a five-year "shelf life." This is the standard for transportation projects in Florida where construction is not anticipated during the same year as the completion of the CRAS. This rationale and approach is accepted by SHPO.

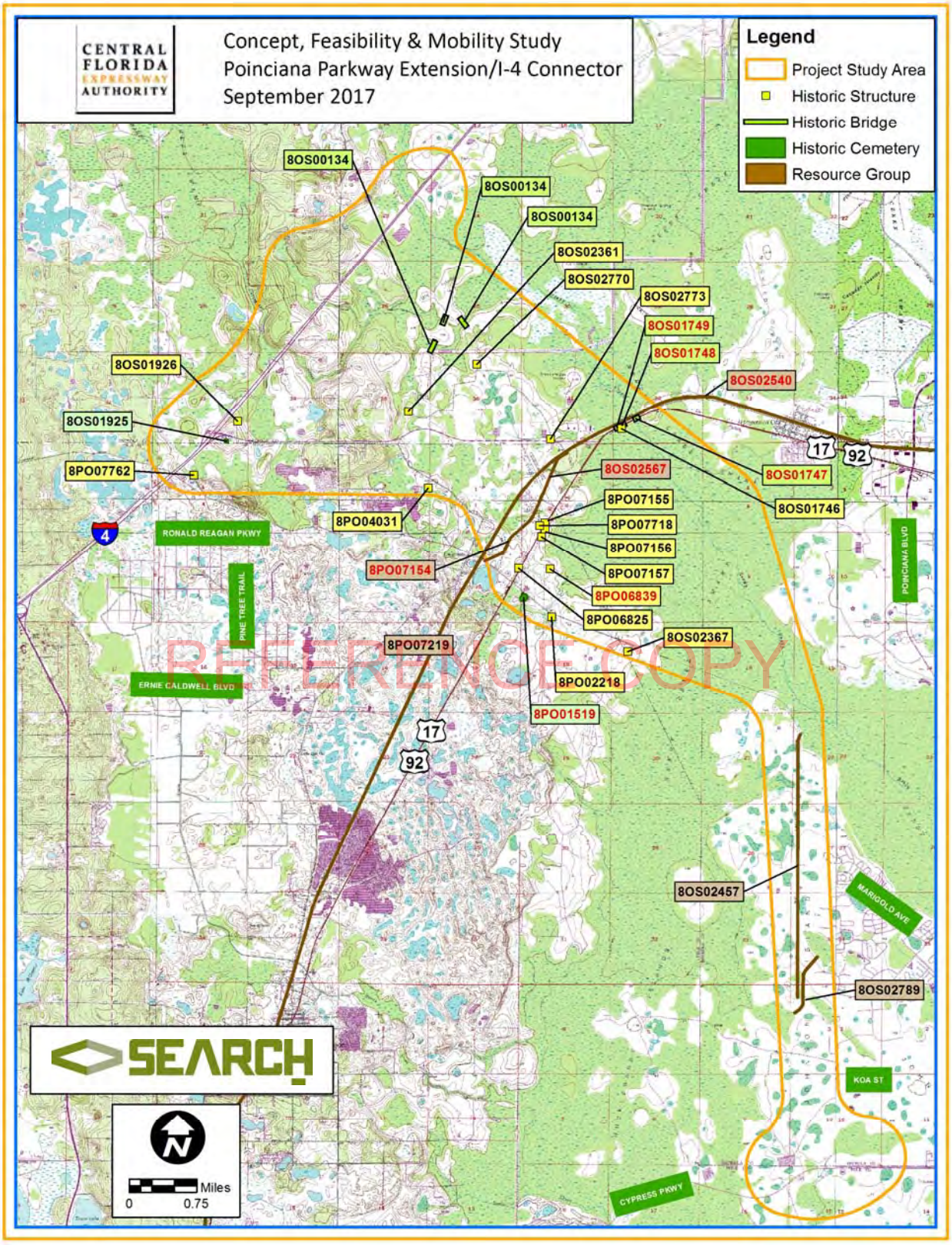

Figure 4. Previously recorded historic resources within the Poinciana Parkway Extension/I-4 Connector Study Area. Note: Red text labels indicate the resource is eligible for NRHP listing or needs evaluation by SHPO. Source: FMSF (7/2017); SEARCH (12/2016); KHA (2017).

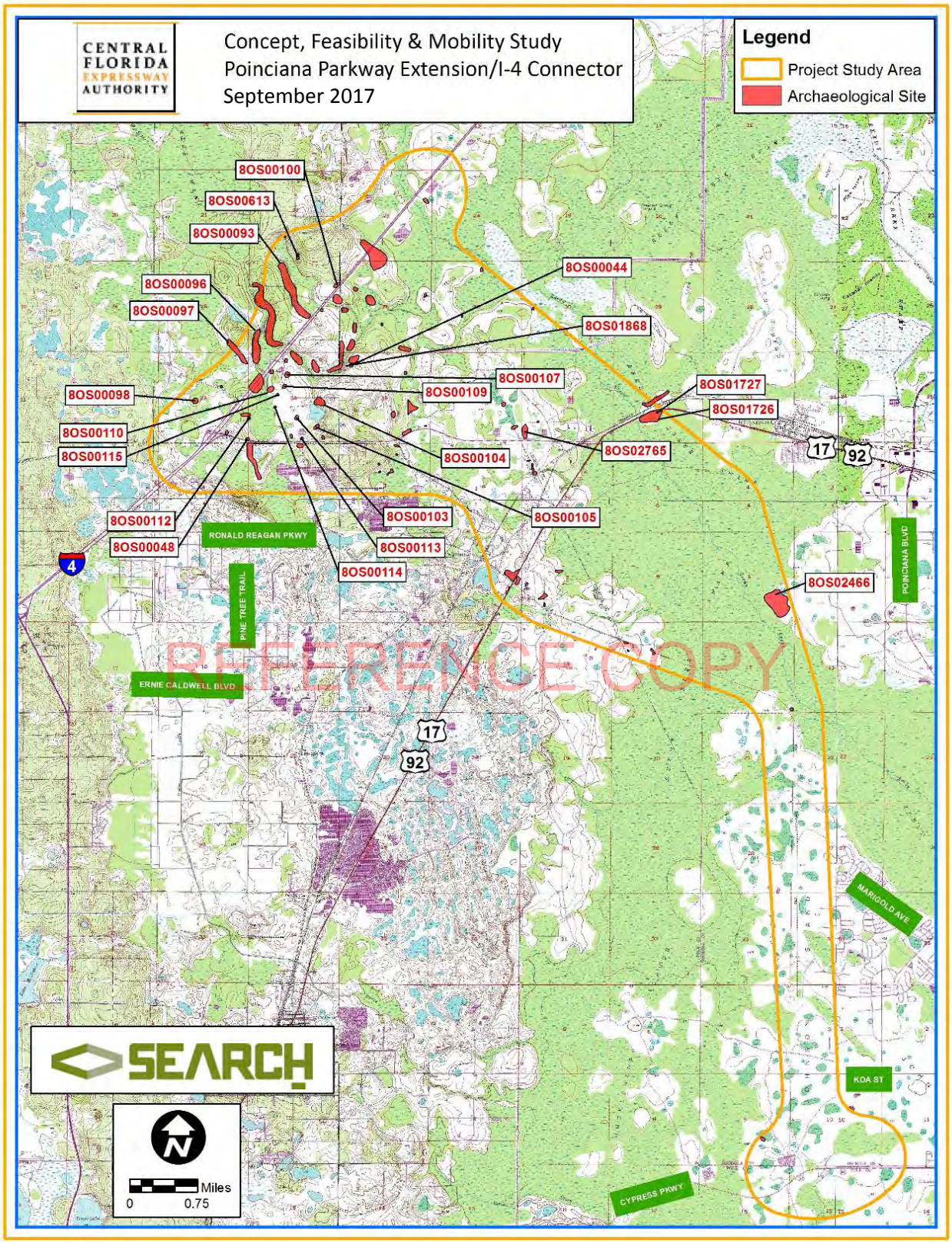

Figure 5. Previously recorded archaeological sites within the Poinciana Parkway Extension/I-4 Connector Study Area. Note: A label indicates a site is eligible for NRHP listing or needs evaluation by SHPO; Unlabeled sites are ineligible for NRHP. Source: FMSF (7/2017); KHA (2017).

Figure 6. Kinney Harmon Road Cemetery (8PO01519) boundary and recommended boundary in relation to the Poinciana Parkway Extension/I-4 Connector Alternative 2A-1.
Source: FMSF (7/2017); SEARCH (12/2016-3/2017); KHA (2017).

Review of the Osceola and Polk Counties Property Appraiser's GIS database indicates there are 64 parcels containing at least one historic (pre-1973) building within the current Study Area that have not been previously recorded with the FMSF. Within Osceola County, there are 13 parcels with historic age structures and 51 in Polk County. The property types are mainly described as single-family, multi-family, and mobile homes but there is also one parcel of "stores" and two parcels of "grazing land." **Figure 7** shows the location of parcels with one or more unrecorded historic structures within the Poinciana Parkway Extension/I-4 Connector Study Area.

Review of historic US Geologic Survey (USGS) historic aerial photographs from 1950 show that the Study Area was relatively undeveloped at that time (**Figure 8**). US 17-92 is clearly present bisecting the Study Area with the historic railroad line running nearly parallel to it. Also evident are Lake Wilson Road and Osceola Polk Line Road. There are cleared areas but no major areas of commercial or residential development. Historic USGS quadrangle maps from the early 1970s depict at least 95 potential historic resources (**Figure 9**), including one church, that have not been previously recorded and fall outside the parcels discussed above. Additionally, there is an area of unrecorded linear resource (rail road grade) that extends the previously recorded Tram Grade Site (8OS02457). There are also paved roads and unimproved roads shown on the historic quadrangle maps that may need further investigation.

Table 2 provides a list of the number of potential historic resources that are unrecorded within the proposed roadway and interchange alignment alternatives.

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Table 2. Unrecorded Cultural Resources Intersecting the Roadway and Interchange Alignment Alternatives.

Alternative Name	County Property Appraiser Historic-Age Parcels	Other Potential Historic Resources	Total Unrecorded Resources
Alternative 2A-1	10	4	14
Alternative 2A-2	4	6	10
Alternative 2A-3	15	8	23
Alternative 2A-4	3	3	6
Alternative 2A-5	6	6	12
Alternative 3-2	5	5	10
Alternative 3-5	5	2	7
Alternative 3A-3	12	9	21
Alternative 3A-5	5	2	7
Interchange 429 Alt 3	2	1	3
Interchange 429 Alt 5	2	1	3
Interchange 532 Alt 1A	0	0	0
Interchange 532 Alt 3	0	0	0

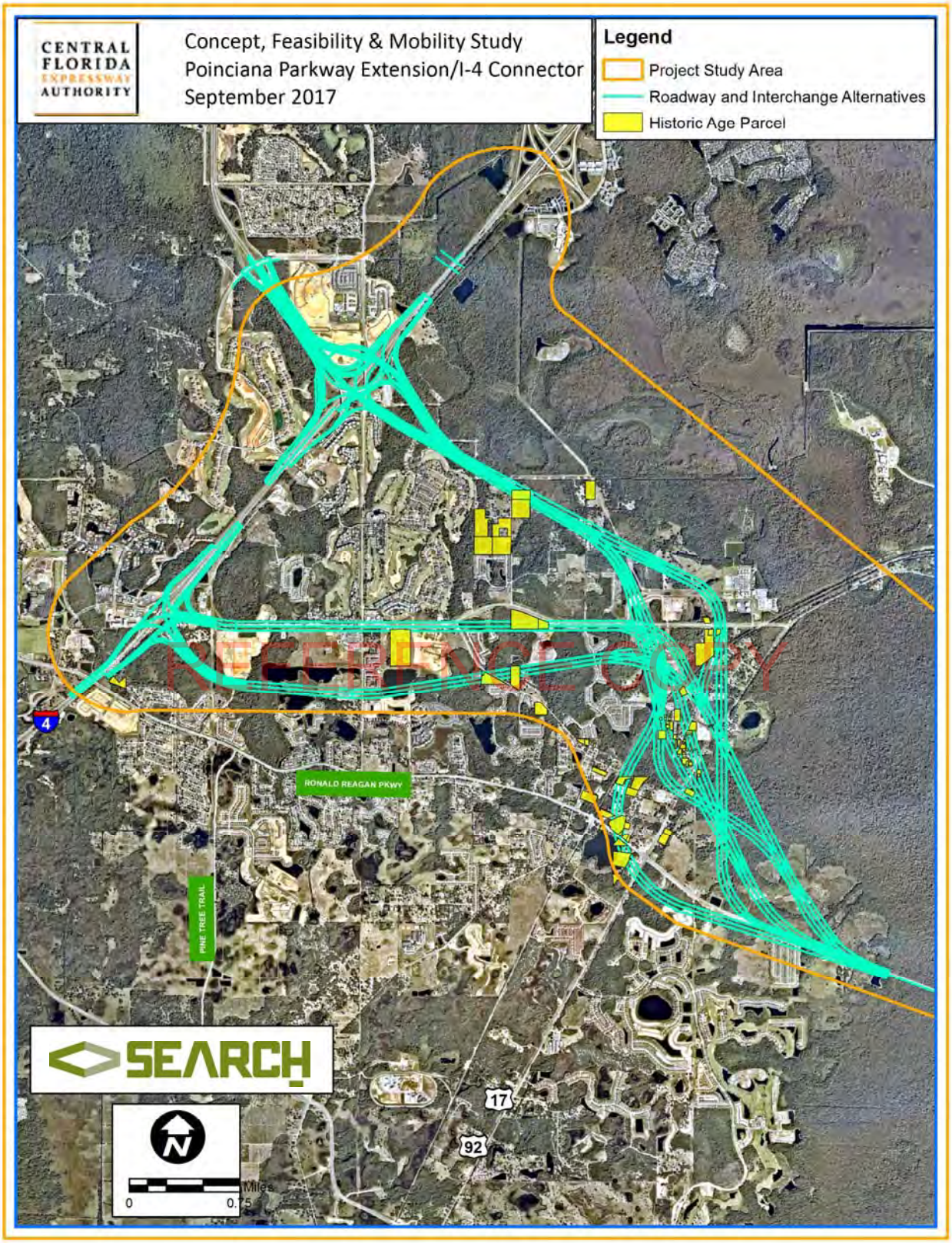

Figure 7. Historic age parcels shown in yellow that have not been previously recorded within the Poinciana Parkway Extension/I-4 Connector Roadways and Interchange Alignment Alternatives shown in aqua. Source: Osceola and Polk Counties Property Appraiser GIS Website (2014); KHA (2017).

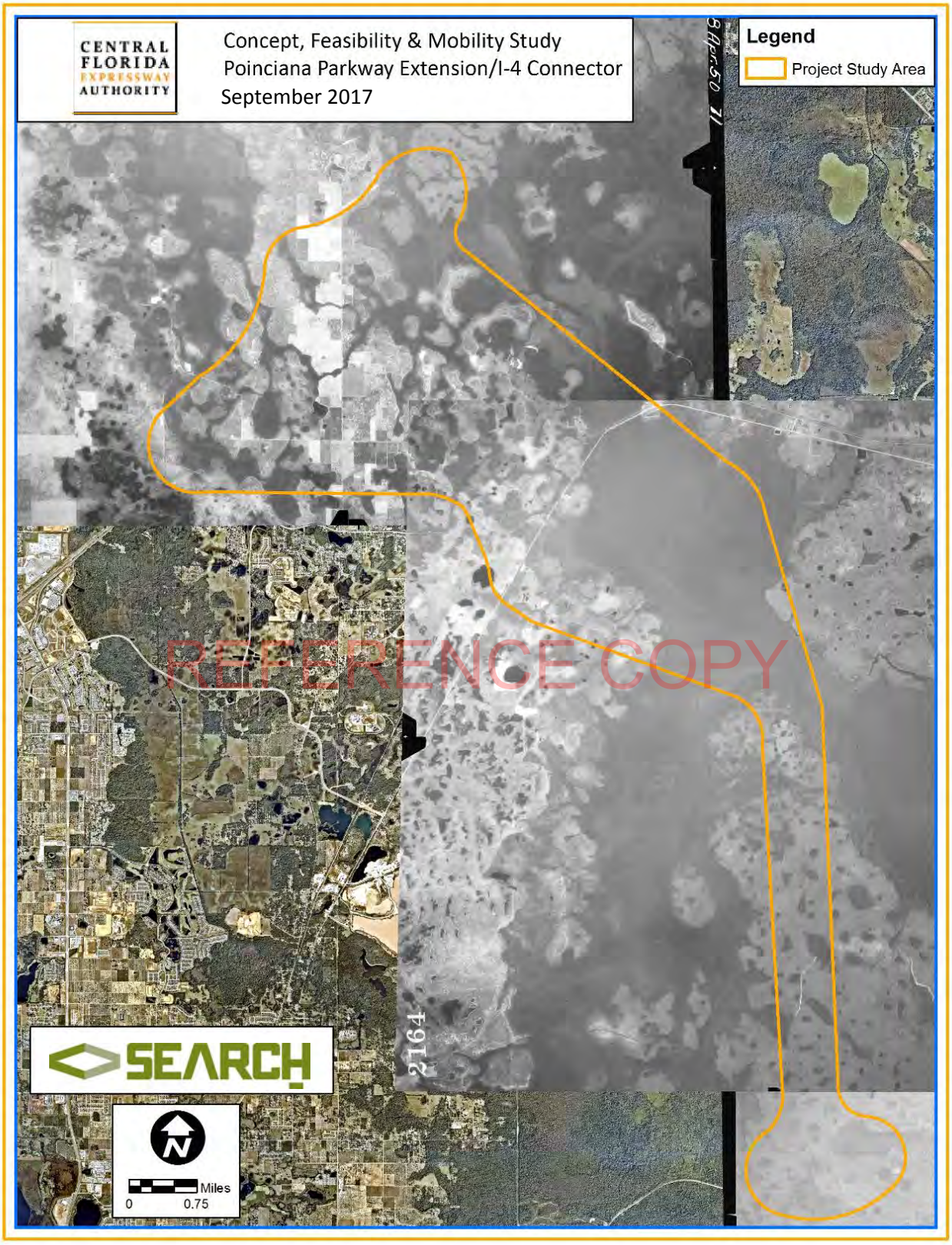

Figure 8. Aerial photographs from 1950 with Poinciana Parkway Extension/I-4 Connector Study Area in orange. Source: USGS (1950); KHA (2017).

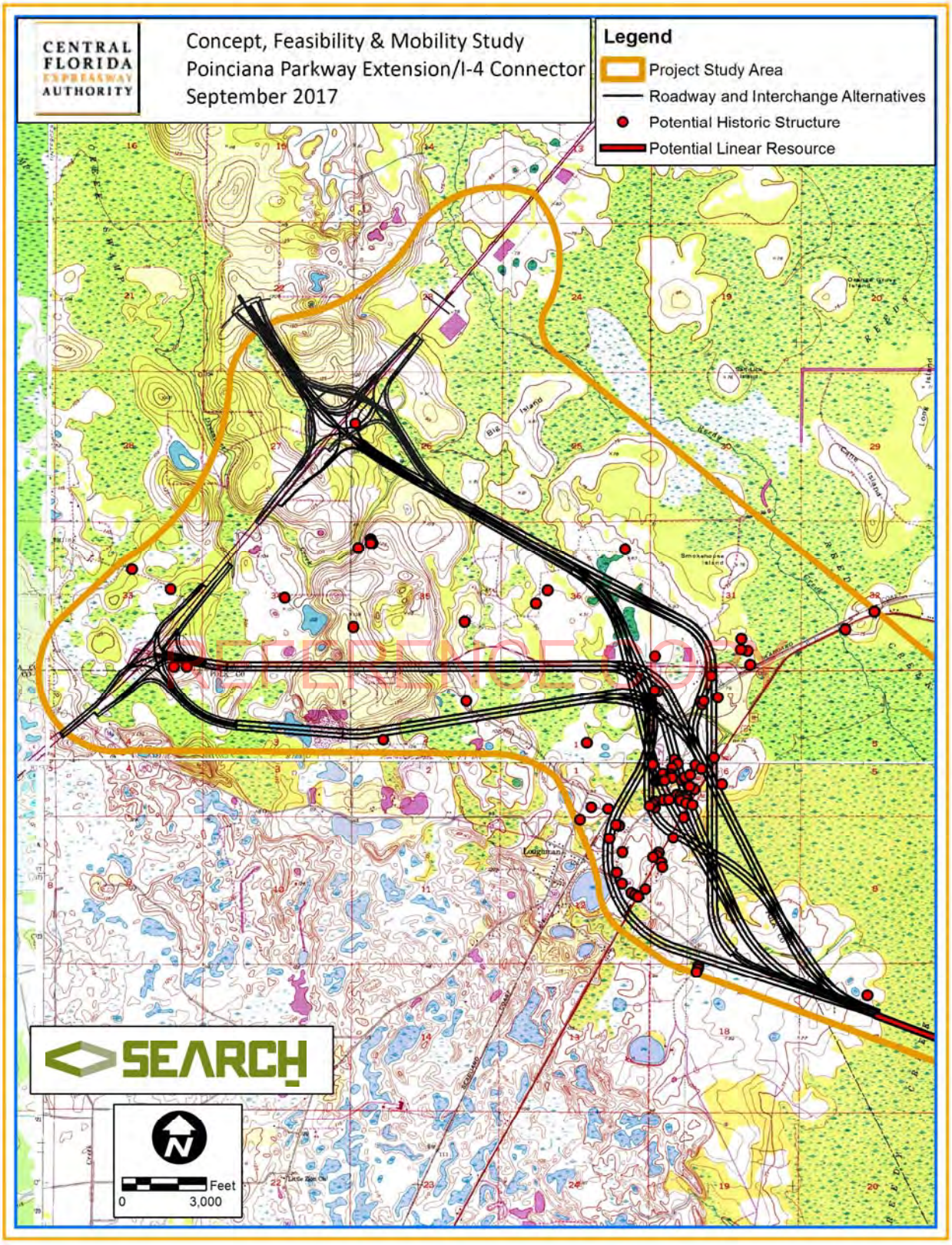

Figure 9. USGS quadrangle maps from the early 1970s with Poinciana Parkway Extension/I-4 Connector Roadways and Interchange Alignment Alternatives in black and potentially unrecorded resources in red. Source: USGS (1972, 1973); KHA (2017).

POINCIANA PARKWAY EXTENSION/I-4 CONNECTOR STUDY AREA — EVALUATION OF SOIL DRAINAGE

A variety of soil drainages are found within the Poinciana Parkway Extension/I-4 Connector Study Area (**Table 3; Figure 10**). The portions of the project Study Area with excessively drained to well drained soils are generally considered to have a high probability of encountering intact historic or prehistoric archaeological deposits, while the probability is moderate for moderately well drained to somewhat poorly drained soils, and low for the remainder of the Study Area. However, several environmental variables in addition to soil drainage, including access to wetlands and freshwater resources and relative elevation, as well as the results of previously conducted surveys, help determine the potential for prehistoric archaeological sites to be present within the project area. Poorly drained soils are not ideal for prehistoric habitation, while well drained soils in proximity to a navigable water system may represent ideal conditions for prehistoric activities. Once a recommended alignment and interchange are selected, archaeological probability can be determined for areas of proposed ground-disturbing activity.

Table 3. Soil Drainage within the Poinciana Parkway Extension/I-4 Connector Study Area.

Soil Drainage	Acres	Percentage
Excessively drained	2,379.5	15.0
Well drained	89.2	0.6
Moderately well drained	4,381.0	27.7
Somewhat poorly drained	752.3	4.8
Poorly drained	4,726.2	29.9
Very poorly drained	3,352.2	21.2
Water	139.3	0.9

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RECOMMENDATIONS

A matrix summarizing the potential cultural resources involvement for each of the proposed roadway and interchange alignment alternatives is provided in **Table 4.**

Table 4. Poinciana Parkway Extension Alternatives Cultural Resources Matrix.

Alignment Name	Archaeological Sites (eligible or unevaluated)	Historic Resources (eligible or unevaluated)	Other Unrecorded Historic Resources
Alternative 2A-1	0	2 (including cemetery)	14
Alternative 2A-2	0	1	10
Alternative 2A-3	0	1	23
Alternative 2A-4	0	2	6
Alternative 2A-5	0	2	12
Alternative 3-2	1	1	10
Alternative 3-5	1	2	7
Alternative 3A-3	0	1	21
Alternative 3A-5	0	3	7
Interchange 429 Alt 3	3	0	3
Interchange 429 Alt 5	3	0	3
Interchange 532 Alt 1A	1	0	0
Interchange 532 Alt 3	0	0	0

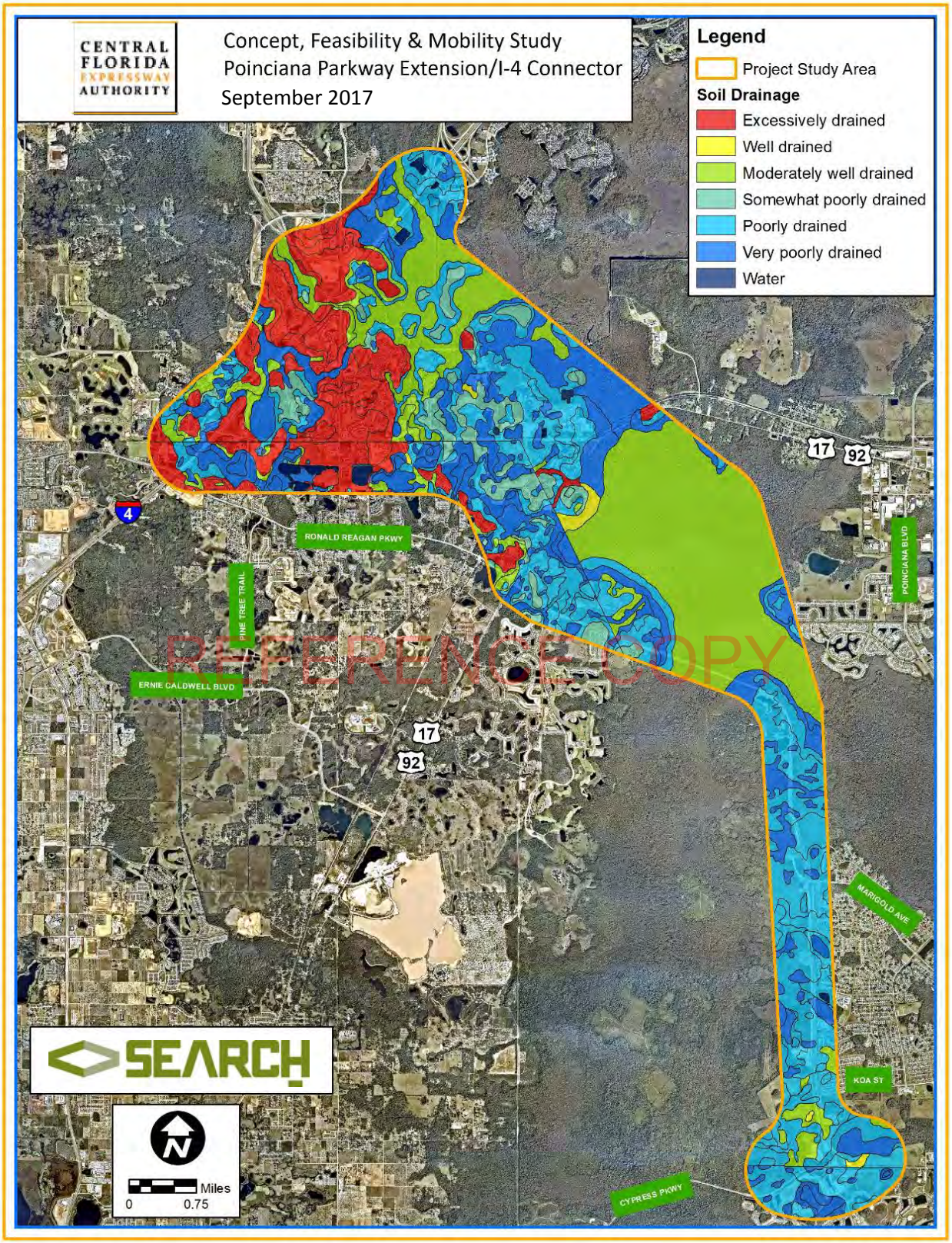

Figure 10. Soil drainage within the Poinciana Parkway Extension/I-4 Connector Study Area. Source: NRCS (2010); KHA (2017).

Once a recommended roadway and interchange alignment has been selected, an Area of Potential Effect (APE) should be defined within which project-related effects to significant cultural resources will be assessed. The APE should be subjected to a cultural resource assessment survey (CRAS), including both archaeological and architectural history fieldwork. The CRAS report, with required FMSF documentation, should be provided to the SHPO for concurrence on all cultural resource recommendations.

The archaeological APE for the project should be defined as the existing and proposed right-of-way within which construction will take place. Archaeological sites identified within the project APE that are determined ineligible for NRHP listing by the SHPO will require no further consideration. Sites that are determined eligible for NRHP by the SHPO will be subject to an effects evaluation to determine project-related effects. Avoidance or minimization of effects should be considered. If adverse effects cannot be avoided, consultation with the SHPO will be required to develop suitable mitigation, most likely through additional excavation.

The architectural APE should be defined to include the existing and proposed right-of-way in addition to an appropriate buffer, which may vary in areas depending on whether the improvements involve new roadway alignment or expansion of an existing roadway corridor. Historic resources identified within the project APE that are determined ineligible for NRHP listing by the SHPO will require no further consideration. Resources that are determined eligible for NRHP by the SHPO will be subject to an effects evaluation to determine whether the project will have direct or indirect effects on the resource and, if so, whether those effects are adverse. If agency consultation finds that the project will have an adverse effect on one or more eligible historic resources, avoidance and/or minimization of effects should be considered. If adverse effects cannot be avoided, consultation with SHPO will be required to develop suitable mitigation, most likely though Historic American Building Surveys (HABS), Historic American Engineering Record (HAER), or other forms of documentation.

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With regard to NRHP-eligible historic linear resources, unless the project would cut off, reroute, or otherwise materially alter the resource itself or its function, the project is unlikely to have an adverse effect. Overpassing eligible railroads and canals, for instance, is generally considered to have no adverse effect.

REFERENCES CITED

US Department of Agriculture, Natural Resource Conservation Service (USDA, NRCS)

2010 Soils Survey of Osceola and Polk Counties. Electronic document, https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm, accessed August 24, 2017.

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1950 Historic Aerial Photographs. Historical Topographic Map Collection. Electronic document, https://lta.cr.usgs.gov/Single_Frame_Records, accessed August 25, 2017.

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1953 Gum Lake quadrangle, 1972 edition. Historical Topographic Map Collection. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 25, 2017.

1953 Intercession City quadrangle, 1972 edition. Historical Topographic Map Collection. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 25, 2017.

1953 Kissimmee quadrangle, 1972 edition. Historical Topographic Map Collection. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 25, 2017.

1953 Lake Tohopekaliga quadrangle, 1973 edition. Historical Topographic Map Collection. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 25, 2017.

1959 Lake Luisa quadrangle, 1973 edition. Historical Topographic Map Collection. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 25, 2017.

1980 Intercession City quadrangle. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 24, 2017.

1980 Davenport quadrangle. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 24, 2017.

1987 Lake Tohopekaliga quadrangle. Electronic document, http://ngmdb.usgs.gov/topoview/viewer/, accessed August 24, 2017.

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APPENDIX A

PREVIOUS CULTURAL RESOURCE SURVEYS WITHIN THE POINCIANA PARKWAY EXTENSION/I-4 CONNECTOR STUDY AREA

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FMSF No.	Survey Title	Year	Reference
3941	Cultural Resource Assessment Survey of the Proposed Thousand Oaks Development Site, Polk County, Florida	1994	Janus Research
1241	Cultural resource assessment survey of the City of Kissimmee's proposed wastewater disposal site, Osceola County, Florida.	1986	Piper Archaeological Research, Inc.
1639	An archaeological survey of the proposed Osceola Pointe DRI	1988	Rollins College
1827	Cultural resource assessment survey of the proposed Hexagon Center development site, Osceola County, Florida	1989	Piper Archaeological Research, Inc.
2396	Replacement of Three Bridges on SR 600 Over Reedy Creek	1988	Florida Department of Transportation
2444	A cultural resource assessment survey of the Osceola mixed-use project area assessments of sites 8OS 45, 8OS 46, 8OS 47, and 8OS 123 Osceola County, Florida.	1990	Piper Archaeological Research, Inc.
2603	A Cultural Resource Assessment Survey of the Interstate 4 - County Road 532 Interchange Expansion, Osceola and Polk County, Florida	1990	Piper Archaeological Research, Inc.
2607	Cultural assessment survey of the proposed Oak Hills Estates Development Site, Polk County, Florida.	1989	Piper Archaeological Research, Inc.
2672	Cultural Resource Assessment Survey of the Proposed Parker Highway r-o-w Alignment, Polk & Osceola Counties, Florida	1991	Piper Archaeological Research, Inc.
2802	A Cultural Resource Assessment Survey of Four Bifurcated Median Areas within Interstate 4 (State Road 400), Polk County, Florida.	1991	Piper Archaeological Research, Inc.
3276	Cultural Resource Survey and Assessment Melia Orlando Project Osceola County, Florida	1992	SouthArc, Inc.
3349	Cultural Resource Assessment Survey of the Proposed Kissimmee Utility Authority's Cane Island Project, Osceola County, Florida	1992	Janus Research / Piper Archaeology
3360	A Cultural Resource Assessment Survey of the Heidrich Community DRI Project Area, Osceola County, Florida	1992	Janus Research / Piper Archaeology
3477	Archeological Survey of the Planned 8 in O.D. Kissimmee-Cane Island Lateral and Meter Station	1992	Goodwin & Associates, Inc.
3812	Cultural Resource Assessment Survey of the GATX Central Florida Pipeline Corridor, Polk, Osceola, and Orange Counties, Florida	1994	Janus Research
4232	Cultural Resource Assessment Survey for the Interstate 4 (S.R. 400) Project Development and Environmental Study from Reedy Creek to U.S. 192 (S.R. 530), Osceola County, Florida	1995	Janus Research
4236	A Cultural Resources Assessment Survey of US Highway 17/92 from CR532 to Poinciana Boulevard, Osceola County, Florida	1994	Florida Department of Transportation
4249	A Cultural Resource Assessment Survey, Interstate 4 PD&E Study, Polk County, Florida	1995	Archaeological Consultants, Inc.
7128	FGT Relocation Project for FDOT and Kissimmee Utility Authority Replacement Line and a Staging Area Osceola County Florida	2002	SEARCH
4578	A Cultural Resource Assessment Survey, Western Beltway, Part C, PD&E Re-evaluation Study, Orange and Osceola Counties, Florida	1996	Archaeological Consultants, Inc.
4812	Cultural Resource Assessment Survey of the Interstate 4 (SR 400) Project Development and Environment (PD&E) Study Six Laning from US 27 (SR 25) to US 192 (SR 530) in Polk and Osceola Counties, Florida	1997	Janus Research
5287	I-4 (S.R. 400) Project Development and Environmental Study from C.R. 532 (Osceola-Polk Line Road) to S.R. 528 (Beeline Expressway) in Osceola and Orange Counties, Florida	1998	Archaeological Consultants, Inc.
5809	Cultural Resource Survey and Assessment Bridgewater Crossing Phase III, Polk County, Florida	1999	SouthArc, Inc.

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FMSF No.	Survey Title	Year	Reference
5840	Cultural Resources Assessment Survey of the Proposed Buccaneer Gas Pipeline, Florida [Volume 1: Final Report of Findings; Volume 2: Appendices]	2000	Panamerican Consultants, Inc.
5918	Cultural Resource Assessment Survey for the Interstate 4 (State Road 400), Segment 7 Storm Water Management Facilities from US Highway 27 to the Polk/Osceola County Line, Polk County, Florida	1996	Janus Research
6297	Gulfstream Cultural Resources Supplemental Report 3	2001	Janus Research
6332	Gulfstream Natural Gas System Cultural Resources Supplemental Report 1	2000	Janus Research
6664	Cultural Resource Assessment Survey of Line 456 Gulfstream Natural Gas System, L.L.C.	2001	Janus Research
6800	Cultural Resource Follow-up Surveys for Lines 500 and 600 (Supplemental Report 5)	2002	Janus Research
6772	CRS of Loop G Staging Area, Loop J Reroute, Jack. Loop EWS, CS 31	2001	SEARCH
6810	Cultural Resource Survey of Two Project Items Associated with the Florida Gas Transmission Company (FGT) Phase V Expansion: 1) St. Petersburg Lateral Modification, Osceola County 2) Loop J Access Road, Gilchrist County	2002	SEARCH
7328	Cultural Resource Assessment Survey for Gulfstream Monitor and Control System: 2002 In-Service (Supplemental Report 8)	2002	Janus Research
8120	Cultural Resource Survey of the Federal Regulatory Commission Blanket Florida Gas Transmission Company (FGT) Proposed St. Petersburg 18-inch Lateral Relocation at Reedy Creek	2002	SEARCH
10647	A Cultural Resource Assessment Survey of the Proposed Blackstone Landing - Phases 2-5 Development Site Located in Sections 10 & 11, Township 26 South, Range 28 East, Poinciana, Osceola County, Florida	2004	Storm L. Richards & Associates, Inc.
10634	Reconnaissance Survey Godwin/Polk PD Polk and Osceola Counties, Florida	2004	SouthArc, Inc.
10635	Cultural Resource Survey and Assessment Solivita West, Polk County, Florida	2004	SouthArc, Inc .
12560	A Phase 1 Cultural Resources Survey of the Meadows PUD, Polk County, Florida	2005	SEARCH
12574	Cultural Resource Assessment Survey Report Florida High Speed Rail Authority Project Development and Environment (PD&E) Study from Tampa to Orlando Hillsborough, Polk, Osceola, and Orange Counties, Florida	2003	Archaeological Consultants, Inc.
10687	A Phase 1 Cultural Resource Survey of the MDC Project Area, Polk County, Florida	2004	SEARCH
10689	An Archaeological and Historical Survey of the Ashebrook Subdivision Project Area in Osceola County, Florida	2004	Panamerican Consultants, Inc.
10783	A Phase 1 Cultural Resource Survey of the Nature's Preserve Project Area, Polk and Osceola Counties, Florida	2004	SEARCH
11383	A Phase 1 Cultural Resource Survey of Parcels 5 and 7 of the 4th Quarter Properties XLIV, Osceola County, Florida	2005	SEARCH
11815	An Archaeological and Historical Survey of the Fox Run Project Area in Polk County, Florida	2005	Panamerican Consultants, Inc.
11827	Reconnaissance Survey, Halvorsen Holdings, Polk County, Florida	2005	SouthArc, Inc.
12159	Reconnaissance Survey of the Solivita Phase 5 and 7F in Osceola County, Florida	2005	SouthArc, Inc.

REFERENCE COPY

FMSF No.	Survey Title	Year	Reference
12345	Cultural Resource Survey and Assessment Tuscana Retention Pond, Osceola County, Florida	2005	SouthArc, Inc.
13381	Cultural Resource Survey and Assessment Solivita Grande Osceola and Polk Counties, Florida	2006	SouthArc, Inc.
13429	Cultural Resource Survey and Assessment Poinciana Parkway, Osceola and Polk Counties, Florida	2006	SouthArc, Inc.
14425	A Phase 1 Cultural Resource Survey of the Lake Wilson Property, Polk County, Florida	2007	SEARCH
15946	Cultural Resource Survey and Assessment for Old Lake Wilson Road, Osceola County, Florida	2008	SouthArc, Inc.
16015	Cultural Resource Assessment Survey of the Progress Energy Florida Dundee to Intercession City Transmission Line Corridor, Polk and Osceola Counties	2008	Janus Research
17026	A Phase I Cultural Resource Survey of the Catfish Point, Johnson Island, Lake Marion Creek, and Upper Reedy Creek Management Areas, Osceola and Polk Counties, Florida	2009	Archaeological and Historical Conservancy, Inc.
17465	Project Development and Environmental Study State Environmental Impact Report: Western Beltway - Part C From Interstate 4 to SR 50/Florida's Parkway, Orange and Osceola County, Florida	1997	Glatting, Jackson, Kercher, Anglin, Lopez, Rinehart, Inc.
17940	Update to Preliminary Cultural Resource Assessment of Reedy Creek Improvement District and Walt Disney World Properties, in Osceola and Orange Counties, Florida	2010	Janus Research
18003	Cultural Resource Assessment Survey, Project Development and Environment Study, Central Polk Parkway from S.R. 60 to Polk Parkway (S.R. 570) and from S.R. 60 to I-4, Polk County, Florida	2010	Archaeological Consultants, Inc.
18767	Cultural Resources Survey and Assessment, Champions Gate Sports Complex, Polk County, Florida	2011	SouthArc, Inc.
19086	Cultural Resource Reconnaissance Assessment of the Intercession City - Gifford 230Kv Transmission Line (South Section), Osceola County, Florida	2012	SEARCH
19087	Cultural Resource Survey of Six Segments along the OUC Lakeland-Taft 23kV Transmission Line, Polk and Osceola Counties, Florida	2012	SEARCH
20783	Cultural Resource Assessment Survey of the Florida Southeast Connection Natural Gas Pipeline, Osceola, Polk, Okeechobee, St. Lucie and Martin Counties	2014	Janus Research
20790	Cultural Resource Survey and Assessment, Champions Gate Village, Polk and Osceola Counties, Florida	2014	SouthArc, Inc.
21809	Cultural Resource Assessment Survey, Ronald Reagan Parkway Property, Polk County, Florida	2014	Archaeological Consultants, Inc.
22816	Technical Memorandum: Cultural Resource Assessment Survey of Proposed Improvements to Segment 5: SR 400 (I-4) from West of SR 25/US 27 to West of CR 532 (Polk/Osceola County Line), Polk County, Florida	2016	SEARCH
21069	Cultural Resource Assessment Survey of the Duke Energy Citrus Center Property, Polk and Osceola Counties, Florida	2014	SEARCH
21108	Cultural Resource Assessment Survey of the Florida Southeast Connection Natural Gas Pipeline Supplemental Report 1 Follow-Up and Re-Route Surveys Polk, Okeechobee, St. Lucie and Martin Counties	2014	Janus Research

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FMSF No.	Survey Title	Year	Reference
21431	Sabal Trail Transmission Phase I Cultural Resource Assessment Survey (Alachua, Citrus, Gilchrist, Hamilton, Lake, Levy, Madison, Marion, Orange, Osceola, Polk, Suwannee, Sumter Counties, Florida)	2014	Cardno ENTRIX/ SEARCH
21472	Cultural Resource Resurvey and Assessment, Poinciana Parkway Segment 4, Osceola County, Florida	2015	SouthArc, Inc.
21991	Cultural Resource Assessment Survey: Sabal Trail Project Phase I Addendum Report	2015	Cardno ENTRIX/ SEARCH
22218	Cultural Resource Assessment Survey of the Florida Southeast Connection Natural Gas Pipeline, Supplemental Report 2, Osceola, St. Lucie, and Polk Counties	2015	Janus Research
23039	Technical Memorandum: Cultural Resource Assessment Survey of Proposed Improvements to Segment 1: SR 400 (Interstate 4) from West of CR 532 (Polk/Osceola County Line) to West of SR 528/Beachline Expressway, Osceola County (92130) and Orange County (75280)	2016	SEARCH

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APPENDIX B

PREVIOUSLY RECORDED CULTURAL RESOURCES WITHIN THE POINCIANA PARKWAY EXTENSION/I-4 CONNECTOR STUDY AREA

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Historic Structures				
FMSF No.	**Name and/or Address**	**Year Built**	**Surveyor Evaluation**	**SHPO Evaluation**
8OS01746	Fletcher Park Monument	c1935	Ineligible for NRHP	Ineligible for NRHP
8OS01926	1525 Kemp Road	1950	Ineligible for NRHP	Ineligible for NRHP
8OS02361	Martin-Ashebrook House 1454 Sullivan Road	1940	Ineligible for NRHP	Ineligible for NRHP
8OS02367	1605 Kenny Harmon Road	c1924	Ineligible for NRHP	Ineligible for NRHP
8OS02770	6805 Forehand Road	c1940	Ineligible for NRHP	Ineligible for NRHP
8OS02773	Ace Auto 6671 Osceola Polk Line Road	c1961	Ineligible for NRHP	Ineligible for NRHP
8PO02218	Cemetery Homestead	c1920	Ineligible for NRHP	Ineligible for NRHP
8PO04031	Rodgers House	c1925	Ineligible for NRHP	Ineligible for NRHP
8PO06825	Lun House 6115 US Highway 17/92		Ineligible for NRHP	Ineligible for NRHP
8PO06839	A E Hunting Club		Ineligible for NRHP	Not Evaluated by SHPO
8PO07155	Jah's Pawn 6801 US Highway 17/92	c1955	Ineligible for NRHP	Ineligible for NRHP
8PO07156	6703 US Highway 17/92	c1950	Ineligible for NRHP	Ineligible for NRHP
8PO07157	+/-6604 US Highway 17/92	c1930	Ineligible for NRHP	Ineligible for NRHP
8PO07718	131 Parker Road	c1960	Ineligible for NRHP	Ineligible for NRHP
8PO07762	900 Scott Lane	c1967	Ineligible for NRHP	Ineligible for NRHP

Bridges				
FMSF No.	**Name and/or Number**	**Year Built**	**Condition**	**SHPO Evaluation**
8OS00134	Disney 5000 13	1920	Ruinous	Ineligible for NRHP
8OS01747	South Orange Blossom Trail Bridge [FDOT 092004]	1938	Good	Not Evaluated by SHPO
8OS01748	South Orange Blossom Trail Bridge [FDOT 092003]	1938	Good	Not Evaluated by SHPO
8OS01749	South Orange Blossom Trail Bridge [FDOT 092002]	1938	Fair	Not Evaluated by SHPO

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Cemeteries				
FMSF No.	**Name and/or Number**	**Year Established**	**Status**	**SHPO Evaluation**
8OS01925	Oak Hill Baptist Church Cemetery	c1902	In-use	Ineligible for NRHP
8PO01519	Kinny Harmon Road Cemetery	c1905	Abandoned	Insufficient Information

Linear Resource Groups			
FMSF No.	**Name**	**Time Period**	**SHPO Evaluation**
8OS02457	Tram Grade Site	American, 1821-present; 19th century American, 1821-1899	Ineligible for NRHP
8OS02540	South Florida RR	American, 1821-present; 19th century American, 1821-1899; 1884-1960	Eligible for NRHP
8OS02567	Old Kissimmee Road/Old Tampa Highway	1920-1960	Insufficient Information
8OS02789	Johnson Island Canal	American, 1821-present	Ineligible for NRHP
8PO07154	Old Kissimmee Road/Old Tampa Highway	1920-1960	Insufficient Information
8PO07219	South Florida Railroad (CSX RR)	19th century American, 1821-1899; Post-Reconstruction, 1880-1897; 1884-1960	Ineligible for NRHP

Archaeological Sites				
FMSF No.	**Name**	**Primary Time Period**	**Surveyor Evaluation**	**SHPO Evaluation**
8OS00093	Osceola Pointe 1	Archaic, 8500 B.C.-1000 B.C.	Not Evaluated by Recorder	Not Evaluated by SHPO
8OS01831	MP 0.5	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS01836	Intercession City NW	Twentieth century American, 1900-present	Ineligible for NRHP	Ineligible for NRHP
8OS01840	JR178	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00044	Fort Davenport	American Acquisition/ Territorial Development 1821-45	Ineligible for NRHP	Eligible for NRHP
8OS00047	Disney World 3	Middle Archaic	Ineligible for NRHP	Ineligible for NRHP
8OS00048	Disney World 4	Prehistoric	Not Evaluated by Recorder	Not Evaluated by SHPO
8OS00094	Osceola Pointe 2	Archaic, 8500 B.C.-1000 B.C.	Ineligible for NRHP	Ineligible for NRHP
8OS00096	Osceola Pointe 4	Archaic, 8500 B.C.-1000 B.C.	Not Evaluated by Recorder	Not Evaluated by SHPO
8OS00097	Osceola Pointe 5	Archaic, 8500 B.C.-1000 B.C.	Not Evaluated by Recorder	Not Evaluated by SHPO
8OS00098	Osceola Pointe 6	Archaic, 8500 B.C.-1000 B.C.	Not Evaluated by Recorder	Not Evaluated by SHPO
8OS00100	Gasp	Archaic, 8500 B.C.-1000 B.C.	No Further Work Recommended	Not Evaluated by SHPO
8OS00103	Hexagon Center 1	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00104	Hexagon Center 2	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00105	Hexagon Center 3	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00106	Hexagon Center 4	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00107	Hexagon Center 5	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00108	Hexagon Center 6	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00109	Hexagon Center 14	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00110	Hexagon Center 8	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00111	Hexagon Center 9	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00112	Hexagon Center 10	Prehistoric	Ineligible for NRHP	Insufficient Information
8OS00113	Hexagon Center 11	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00114	Hexagon Center 12	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00115	Hexagon Center 13	Prehistoric	Ineligible for NRHP	Not Evaluated by SHPO
8OS00129	Disney 5000 8	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00130	Disney 5000 9	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00131	Disney 5000 10	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00132	Disney 5000 11	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP

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Archaeological Sites				
FMSF No.	**Name**	**Primary Time Period**	**Surveyor Evaluation**	**SHPO Evaluation**
8OS00133	Disney 5000 12	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00142	Stolen Battery	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00150	Gilmar	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00151	Parker Highway	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00152	Hyer	Depression and New Deal, 1930-1940	Ineligible for NRHP	Ineligible for NRHP
8OS00586	Heidrich Barn		Ineligible for NRHP	Ineligible for NRHP
8OS00587	Burnt Grove		Not Evaluated by Recorder	Ineligible for NRHP
8OS00588	Border Slough		Ineligible for NRHP	Ineligible for NRHP
8OS00589	Swamp's Edge		Ineligible for NRHP	Ineligible for NRHP
8OS00590	County Road Ridge		Ineligible for NRHP	Ineligible for NRHP
8OS00591	Reedy Slough	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00592	Piney Island		Not Evaluated by Recorder	Ineligible for NRHP
8OS00593	Davenport Creek	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00594	Creek Crossing	Nineteenth century American, 1821-1899	Ineligible for NRHP	Ineligible for NRHP
8OS00595	North Point		Ineligible for NRHP	Ineligible for NRHP
8OS00596	South Point		Ineligible for NRHP	Ineligible for NRHP
8OS00597	Outparcel 2		Ineligible for NRHP	Ineligible for NRHP
8OS00611	Cane Island 7	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS00613	Davenport Swamp	Prehistoric lacking pottery	Ineligible for NRHP	Not Evaluated by SHPO
8OS01721	Morning Dew	Prehistoric lacking pottery	Not Evaluated by Recorder	Ineligible for NRHP
8OS01722	Redtop	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS01726	Beehive Hill	American, 1821-present	Eligible for NRHP	Not Evaluated by SHPO
8OS01727	Mosca	Archaic, 8500 B.C.-1000 B.C.	Ineligible for NRHP	Not Evaluated by SHPO
8OS01777	North Point	Prehistoric	Ineligible for NRHP	Ineligible for NRHP
8OS01785	Felix 1	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS01786	Felix 2	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS01792	Lone Paw Paw	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS01845	JR184	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8OS01861	JR 194	Prehistoric lacking pottery	Not Evaluated by Recorder	Ineligible for NRHP

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Archaeological Sites				
FMSF No.	**Name**	**Primary Time Period**	**Surveyor Evaluation**	**SHPO Evaluation**
8OS01867	JR220	Nineteenth century American, 1821-1899	Ineligible for NRHP	Ineligible for NRHP
8OS01868	CREEK FORD	Nineteenth century American, 1821-1899	Ineligible for NRHP	Potentially Eligible for NRHP
8OS02362	Kitchensink	Twentieth century American, 1900-present	Ineligible for NRHP	Ineligible for NRHP
8OS02366	Natures Preserve #1	Archaic, 8500 B.C.-1000 B.C.	Ineligible for NRHP	Ineligible for NRHP
8OS02458	Hammock Site	Prehistoric	Ineligible for NRHP	Ineligible for NRHP
8OS02466	Reedy Creek Promontory	Archaic, 8500 B.C.-1000 B.C.	Insufficient Information	Not Evaluated by SHPO
8OS02765	FL-179	Twentieth century American, 1900-present	Insufficient Information	Insufficient Information
8PO06840	Pink Fox Run	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8PO02234	Blackburn	Twentieth century American, 1900-present	Ineligible for NRHP	Ineligible for NRHP
8PO03968	Lost Penny	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8PO03969	Sod Strips	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8PO06151	JR-63	American, 1821-present	Ineligible for NRHP	Ineligible for NRHP
8PO06471	JR200	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8PO06826	Loughman Site	Nineteenth century American, 1821-1899	Ineligible for NRHP	Ineligible for NRHP
8PO07102	Lake Wilson 1	St. Johns, 700 B.C.-A.D. 1500	Ineligible for NRHP	Ineligible for NRHP
8PO07103	Lake Wilson 2	St. Johns, 700 B.C.-A.D. 1500	Ineligible for NRHP	Ineligible for NRHP
8PO07104	Lake Wilson 3	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8PO07105	Lake Wilson 4	St. Johns, 700 B.C.-A.D. 1500	Ineligible for NRHP	Ineligible for NRHP
8PO07106	Lake Wilson 5	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8PO07199	The Gipper	Prehistoric with pottery	Ineligible for NRHP	Ineligible for NRHP
8PO07711	FSC #5	Prehistoric lacking pottery	Ineligible for NRHP	Ineligible for NRHP
8PO07756	FSC #18	Prehistoric with pottery	Ineligible for NRHP	Ineligible for NRHP

Yellow highlighted rows indicate NRHP eligibility or additional worked needed for evaluation needed.

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APPENDIX E

Hazardous Material Sites / Contamination

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Potential Contaminated Sites
Poinciana Parkway Extension / I-4 Connector
October 2017

Site #	Facility Name / Address / Permit or ID Numbers	Distance / Direction from Nearest Project Alternative	Facility Type / Potential Contamination Concern	Regulatory Status	Contamination Potential
1	Compressor Station No. 31 727 South Old Lake Wilson Road Kissimmee, FL 34747 AIRS ID No. 0970077	Adjacent to Interchanges 429-3 and 429-5. 350 ft. northwest of Alt. 2A-5	Gas compressor station	Facility maintains a current air operating permit. Facility in compliance per latest compliance report dated 7/2017.	This facility operates a 2,225 horsepower natural gas-fired engine permitted to operate under FDEP Air Operating Permit No. 0970077-005-AO. The facility is in compliance. Based on the status of this facility, there is a low potential for contamination impacts.
2	7-Eleven Food Store #33249 8201 Champions Gate Boulevard Champions Gate, FL 33896 Fac. ID No. 9807646	600 ft. northwest of Interchanges 532-1A and 532-3	Petroleum	Two USTs in service, installed in 2005. No reported discharges.	This facility is an active gas station, which currently maintains two USTs. There have been no discharges reported for this facility. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
3	Circle K #2708968 / BP #79406 8200 Champions Gate Boulevard Davenport, FL 33837 Fac. ID No. 9805326, 9805329, FLR000115451	420 ft. northwest of Interchanges 532-1A and 532-3	Petroleum	Four USTs in service, installed in 2002. Petroleum discharge reported 12/2009. Site Rehabilitation Completion Order issued 10/2012. RCRA SQG, closed in 2004.	This facility is an active gas station, which currently maintains four USTs. The facility reported a petroleum discharge in December 2009, but achieved regulatory closure in 2012 with the issuance of a SRCO from FDEP. There have been no additional discharges reported. Based on the status of this facility and the distance from the proposed activities, there is a low potential for contamination impacts.
4	Ovation Cleaners 7890 Lake Wilson Road Davenport, FL 33837 Fac. ID No. 9811385	450 ft. south of Alts. 3-2 and 3-5	Drycleaning solvents	Listed as a drycleaning facility in the FDEP storage tank database, with one AST containing drycleaning solvents. Details of specific operations and/or chemicals used was not identified.	This facility was listed as a drycleaning facility, with no reported discharges. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
5	Publix Super Market #1195 7700 Osceola Polk Line Road Davenport, FL 33896 Fac. ID No. 9810519	600 ft. south of Alts. 3-2 and 3-5	Petroleum	One 1,000-gallon emergency generator diesel AST in service, installed in 2008. Facility in compliance per 12/2016 inspection.	This facility currently contains one emergency generator diesel AST. There have been no discharges reported for this facility. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
6	Cozy Grove Campground & Mobile Home Park 7500 Highway 532 Davenport, FL 33837 Fac. ID No. 8734797	750 ft. south of Alts. 3-2 and 3-5	Petroleum	One 500-gallon unleaded gas UST removed from site in 1990.	This is a closed storage tank facility, which formerly contained one petroleum UST, which has reportedly been removed from the site. No other storage tanks are reportedly in place at this facility, and no discharges have been reported. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
7	Polk County Utilities - Lake Wilson Master Lift Station 7510 Lake Wilson Road Davenport, FL 33896 Fac. ID No. 9809293	630 ft. south of Alts. 3-2 and 3-5	Petroleum	One 900-gallon emergency generator diesel AST in service, installed in 2007. Facility in compliance per 5/2017 inspection.	This facility currently contains one emergency generator diesel AST. There have been no discharges reported for this facility. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
8	CVS Pharmacy #1750 7575 Osceola Polk Line Road Davenport, FL 33896 FLR000186239	Adjacent to the north of Alts. 3-2 and 3-5	RCRA Hazardous Waste facility	RCRA SQG and Handler (batteries, pesticies, pharmaceuticals, mercury-containing lamps)	This facility is listed as a RCRA Small Quantity Generator and Handler of hazardous waste, indicating that the facility generates between 100-1,000 kg/month of non-acute hazardous waste and/or 1 kg or less of acute hazardous waste. No violations or discharges have been reported form this facility. Based on the status of the facility and the lack of reported discharges, there is a low potential for contamination impacts.

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Potential Contaminated Sites
Poinciana Parkway Extension / I-4 Connector
October 2017

Site #	Facility Name / Address / Permit or ID Numbers	Distance / Direction from Nearest Project Alternative	Facility Type / Potential Contamination Concern	Regulatory Status	Contamination Potential
9	7-Eleven Food Store #34045 7575 Osceola Polk Line Road Davenport, FL 33896 Fac. ID No. 9810601	Adjacent to the north of Alts. 3-2 and 3-5	Petroleum	Two USTs in service, installed in 2008. No reported discharges. Facility in compliance per 2/2017 inspection.	This facility is an active gas station, which currently contains two unleaded gas USTs. There have been no discharges reported for this facility. Based on the lack of reported discharges, there is a low potential for contamination impacts.
10	Reunion Resort of Orlando 7385 Osceola Polk Line Road Davenport, FL 33896 Fac. ID No. 9805464	Adjacent to the north of Alts. 3-2 and 3-5	Petroleum	Two ASTs in service, installed in 2003. No reported discharges. Facility in compliance per 6/2016 inspection.	This facility currently contains two 1,000-gallon ASTs (unleaded gas and vehicular diesel). There have been no discharges reported for this facility. Based on the lack of reported discharges, there is a low potential for contamination impacts.
11	Kissimmee City - SW WWTP 7325 Osceola Polk Line Road Davenport, FL 33896 Fac. ID No. 9806337	400 ft. north of Alts. 3-2 and 3-5	Petroleum	One 6,000-gallon generator/pump diesel AST, installed in 2003. No reported discharges. Facility in compliance per 12/2016 inspection.	This facility currently contains one generator/pump diesel AST. There have been no discharges reported for this facility. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
12	Progress Energy Champions Gate Substation 8200 Osceola Polk Line Road Fac. ID No. 301386/322928	Adjacent to the south of Alts. 3-2 and 3-5	Electric substation (mineral oil dielectric fluid)	Two discharges to equipment pads identified during 2003 inspection. Substation Assessment and Remedial Action Plan completed 6/2008.	This facility is an electric utility substation. A consent order issued by FDEP required assessment and remediation of any identified discharges to the ground and to equipment pads. Two such discharges (pad staining) were observed at this facility. Soil and groundwater sampling in the areas of observed staining did not identify any contaminants of concern. A recommendation for No Further Action was approved by FDEP in July 2008. Based on the status of the facility, there is a low potential for contamination impacts.
13	Magnolia Creek East South Lake Wilson Road Intercession City, FL Fac. ID No. 301286/85390	650 ft. south of Alt. 2A-5	Pesticides	Contaminated soil removal conducted in 1996-1997. SRCO received 10/1997.	This facility previously reported documented pesticide contamination in soils. Soil excavation was performed in 1996 and 1997, along with groundwater monitoring. The facility achieved regulatory closure in October 1997 with the issuance of a SRCO from the FDEP. Based on the status of the facility, there is a low potential for contamination impacts.
14	Reunion Station Osceola Polk Line Road Intercession City, FL 33848 AIRS ID No. 0970092	700 ft. northeast of Alts. 2A-1, 2A-2, and 3-5	Gas compressor station	Facility issued an Air Construction Permit in 5/2015. Notice of construction commencement provided 2/2017.	This facility was issued an Air Construction Permit No. 0970092-001-AC for the construction of a natural gas compressor station. Construction reportedly commenced in February 2017. No air emission data or compliance documentation was available for review. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
15	Custom & Classic Auto Specialist 6671 Osceola Polk Line Road Davenport, FL 33896 FLR000026161	200 ft. west of Alts. 2A-4 and 2A-5	RCRA Hazardous Waste facility	RCRA CESQG (halogenated and non-halogenated solvents)	This facility is listed as a RCRA Conditionally Exempt Small Quantity Generator of hazardous waste, indicating that the facility generates less than 100 kg/month of hazardous waste. No violations or discharges have been reported for this facility. Based on the lack of reported discharges, there is a low potential for contamination impacts.

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Potential Contaminated Sites
Poinciana Parkway Extension / I-4 Connector
October 2017

Site #	Facility Name / Address / Permit or ID Numbers	Distance / Direction from Nearest Project Alternative	Facility Type / Potential Contamination Concern	Regulatory Status	Contamination Potential
16	Duke Energy Intercession City Substation / Intercession City Combustion Turbine Plant 6525 Osceola Polk Line Road Davenport, FL 33896 Fac. ID No. COM_334046, 8840909, AIRS ID No. 0970014, FLD981019383	200 ft. east of Alts. 2A-4 and 2A-5	Power plant facility	Numerous storage tanks and electrical generating units. Discharges reported in 1/1990, 9/1992, 6/1995, 12/1998, and 7/2006. Regulatory closure (NFA/SRCO) received for the 9/1992, 6/1995, and 12/1998 discharges.	This facility is an active power plant which maintains numerous storage tanks and turbine electrical generating units. Cleanup activities are reportedly ongoing for two separate reported discharges, dated 1/1990 and 7/2006. A Remedial Action Plan was approved in 2013 for the 1990 discharge, to address petroleum contaminants in soil and groundwater. According to the most recent analytical data available for review, dated October 2013, the contaminant impacts appear to be limited to a small area onsite, approximately 1,900 feet east of the proposed Alternatives 2A-4 and 2A-5. Funding for further assessment and cleanup became available in 2015, and a site access agrement was completed in October 2016. Additional details of assessment and/or cleanup activities since that time were not available. The facility is currently pursuing a SRCO with conditions for the 2006 discharge. According to the available documents, a Declaration of Restrictive Covenant (DRC) is being prepared, which includes engineering and institutional controls in the form of a shallow groundwater use restriction and soil restricted area. These controls are intended to address the limited areas of petroleum contaminants remaining in place on the site. The groundwater and soil restricted areas are located approximately 1,800 feet east of the proposed Alternatives 2A-4 and 2A-5. The DRC was submitted in July 2017, and is awaiting approval and the conditional SRCO has yet to be issued. Based on the regulatory status of this facility, and the distance of the identified contaminant extents from the proposed activities, there is a low potential for contamination impacts. Further investigation may be warranted should construction dewatering be required.
17	Rambo & Sons Trucking Inc. Highway 17-92 & Labor Camp Road Davenport, FL 33896 Fac. ID No. 9807327	Located within the proposed limits of Alts. 2A-4, 2A-5, 3-5, and 3A-5	Petroleum	Diesel fuel spill reported in 12/2004. SRCO issued 2/2006.	A diesel fuel spill was reported at this facility in December 2004. Cleanup was conducted and the facility achieved regulatory closure with the issuance of a SRCO in 2006 from the FDEP. No storage tank information was identified for this facility. No additional discharges have been reported. Based on the regulatory status of the facility, there is a low potential for contamination impacts.
18	Frontier FL LLC - Loughman RSU 530 Ronald Reagan Parkway Loughman, FL 33858 Fac. ID No. 9811609	850 ft. west of Alt. 2A-1	Petroleum	One 1,000-gallon emergency generator diesel AST in service, installed in 2009. Facility in compliance per 11/2016 inspection.	This facility currently contains one emergency generator diesel AST. There have been no discharges reported for this facility. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
19	US Postal Service 511 County Road 54 Loughman, FL 33858 Fac. ID No. 9202760	800 ft. west of Alt. 2A-1	Petroleum	Two kerosene USTs (300-gallon and 500-gallon) removed from the site in 1992. Petroleum discharge reported 7/1992. SRCO issued 3/2001.	This is a closed storage tank facility, which formerly contained two kerosene USTs, which were reportedly removed in 1992. The facility reported a petroleum discharge in July 1992, but achieved regulatory closure in 2001 with the issuance of a SRCO from the FDEP. No other storage tanks are reportedly in place at this facility, and no additional discharges have been reported. Based on the regulatory status of the facility and the distance from the proposed activities, there is a low potential for contamination impacts.

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Potential Contaminated Sites
Poinciana Parkway Extension / I-4 Connector
October 2017

Site #	Facility Name / Address / Permit or ID Numbers	Distance / Direction from Nearest Project Alternative	Facility Type / Potential Contamination Concern	Regulatory Status	Contamination Potential
20	Loughman Service Center 6004 Highway 17-92 North Loughman, FL 33858 Fac. ID No. 8624326	450 ft. northeast of Alt. 2A-1	Petroleum	Six USTs, four ASTs previously removed from the site or closed in place. Petroleum discharges reported in 6/1992 and 6/1993. Assessment and cleanup activities are reportedly ongoing.	This facility is a closed, former retail station which previously contained six USTs and four ASTs. The storage tanks have reportedly either been removed from the site or closed in place. Petroleum hydrocarbon impacts at the site originated from a combination of releases from the former onsite USTs and migration of petroleum groundwater plumes originating from gas stations located off-site. Groundwater testing indicated the petroleum hydrocarbon plumes from the offsite locations have attenuated and no longer contribute to the onsite petroleum impacts. However, there appear to be hydrocarbons located beneath US 17-92 (west of the site) that have not yet completely migrated onto the site. Groundwater flow direction is towards the east, away from the proposed alternative. Long Term Natural Attenuation Monitoring (LTNAM) was initiated in 2013, but was terminated in 2014 due to the widening of the abutting roads (US 17-92 and Kinney-Harmon Road). The existing monitoring well network was abandoned at that time. The most recent groundwater quality data for the site, dated October 2013, indicated that contaminant concentrations were limited to the western portion of the site, along US 17-92. Additional assessment activities have yet to be completed since the termination of LTNAM, but appear set to begin following the signing of a site access agreement and preparation of a Health and Safety Plan, dated July 2017. Based on the current regulatory status of this facility, and the observed groundwater flow direction away from the proposed activities, there is a low potential for contamination impacts. Further investigation may be warranted should construction dewatering be required.
21	EZ Food Store #1 5945 Highway 17-92 North Davenport FL, 33857 Fac. ID No. 8736165	150 ft. northeast of Alt. 2A-1	Petroleum	Four USTs (unleaded gas, vehicular diesel) removed from the site in 1987. One 20,000-gallon diesel UST currently in service. Petroleum discharge reported 4/1988. Site Rehabilitation Completion Order issued 8/2012.	This facility is an active gas station, which currently maintains one UST. The facility reported a petroleum discharge in April 1988, but achieved regulatory closure in 2012 with the issuance of a SRCO from FDEP. There have been no additional discharges reported. Based on the regulatory status of the facility, there is a low potential for contamination impacts.
22	Oakhills Estates County Road & Highway 17-92 Loughman, FL 33837 Fac. ID No. 9046109	450 ft. northeast of Alt. 2A-1	Petroleum	Six USTs (leaded gas) previously removed from the site. No storage tanks reportedly in service at the facility. Petroleum discharge reported 11/1989. No Further Action issued 10/1998.	This facility is a former gas station, which previously contained six USTs that have been reportedly removed from the site. The facility reported a petroleum discharge in November 1989, but achieved regulatory closure in 1998 with the issuance of a No Further Action (NFA) status from the FDEP. There have been no additional discharges reported. Based on the regulatory status of the facility, there is a low potential for contamination impacts.
23	Majik Mart 6021 Highway 17-92 North Loughman, FL 33858 Fac. ID No. 8840378	700 ft. northeast of Alt. 2A-1	Petroleum	Three 10,000-gallon USTs (unleaded gas) previously removed from the site in 1988. No storage tanks reportedly in service at the facility. Petroleum discharge reported 8/2006. SRCO issued 4/2008.	This facility is a former gas station, which previously contained three USTs that have been reportedly removed from the site. The facility reported a petroleum discharge in August 2006, but achieved regulatory closure in 2008 with the issuance of a SRCO from the FDEP. There have been no additional discharges reported. Based on the regulatory status of the facility and the distance from the proposed activities, there is a low potential for contamination impacts.

REFERENCE COPY

Potential Contaminated Sites
Poinciana Parkway Extension / I-4 Connector
October 2017

Site #	Facility Name / Address / Permit or ID Numbers	Distance / Direction from Nearest Project Alternative	Facility Type / Potential Contamination Concern	Regulatory Status	Contamination Potential
24	Hart Storage Facility - Loughman 6004 Highway 17-92 Loughman, FL 33858 Fac. ID No. 9300807	800 ft. northeast of Alt. 2A-1	Petroleum	One 12,000-gallon vehicular diesel AST installed in 1993, which has since been removed from site. No reported discharges.	This is a closed storage tank facility, which formerly contained one petroleum AST, which has reportedly been removed from the site. No other storage tanks are reportedly in place at this facility, and no discharges have been reported. Based on the lack of reported discharges and the distance from the proposed activities, there is a low potential for contamination impacts.
25	Polk County - Providence Water Production Facility 601 Kinney-Harmon Road Loughman, FL 33896 Fac. ID No. 9811362	Adjacent to the south of Alt. 2A-1	Petroleum	One 3,000-gallon emergency generator diesel AST in service, installed in 2009. Facility in compliance per 4/2017 inspection.	This facility currently contains one emergency generator diesel AST. There have been no discharges reported for this facility. Based on the lack of reported discharges, there is a low potential for contamination impacts.
26	Reedy Creek Land Bank - 3500 Acre Tract State Road 54 Loughman, FL 34758 Fac. ID No. 9807014	Located within the proposed limits of Alts. 2A-1, 2A-2, 2A-3, 2A-4, 2A-5, 3-2, 3-5, 3A-3, and 3A-5	Petroleum	Former diesel fuel ASTs located onsite. Petroleum discharge reported 11/1999. SRCO issued 9/2005.	This facility formerly contained an area with several diesel fuel ASTs. Specific details regarding the former tanks could not be identified. The facility reported a petroleum discharge in November 1999, but achieved regulatory closure in 2005 with the issuance of a SRCO by the. No storage tanks are reportedly in place at the facility, and there have been no additional discharges. Based on the regulatory status of the facility, there is a low potential for contamination impacts.
27	Poinciana Utilities WWTP #2 / Severn Trent Services 4601 Rhododendron Avenue Poinciana, FL 34758 Fac. ID No. 8838503, 9808071	Located adjacent to a proposed interchange area	Petroleum	One 3,000-gallon emergency generator diesel AST and one 1,500-gallon vehicular diesel AST in service, which were installed in 1987 and 2002. The Severn Trent facility reported a petroleum discharge in 11/2005. SRCO issued 12/2007.	This site contains two listed storage tank facilities. The Severn Trent facility is a closed facility which reported a petroleum discharge in November 2005. This facility achieved regulatory closure in 2007 with the issuance of a SRCO from the FDEP. No storage tanks are reportedly in place for this facility listing. The Poinciana Utilities WWTP #2 facility currently contains two ASTs in service. No additional discharges have been reported for these facilties. Based on the status of these facilities, there is a low potential for contamination impacts.

REFERENCE COPY

AST = Aboveground Storage Tank
CESQG = Conditionally Exempt Small Quantity Generator
FDEP = Florida Department of Environmental Protection
LTNAM = Long Term Natural Attenuation Monitoring
NFA = No Further Action
RCRA = Resource Conservation and Recovery Act
SQG = Small Quantity Generator
SRCO = Site Rehabilitation Completion Order
UST = Underground Storage Tank

APPENDIX F

Concept Plans for Poinciana Parkway Expansion

REFERENCE COPY

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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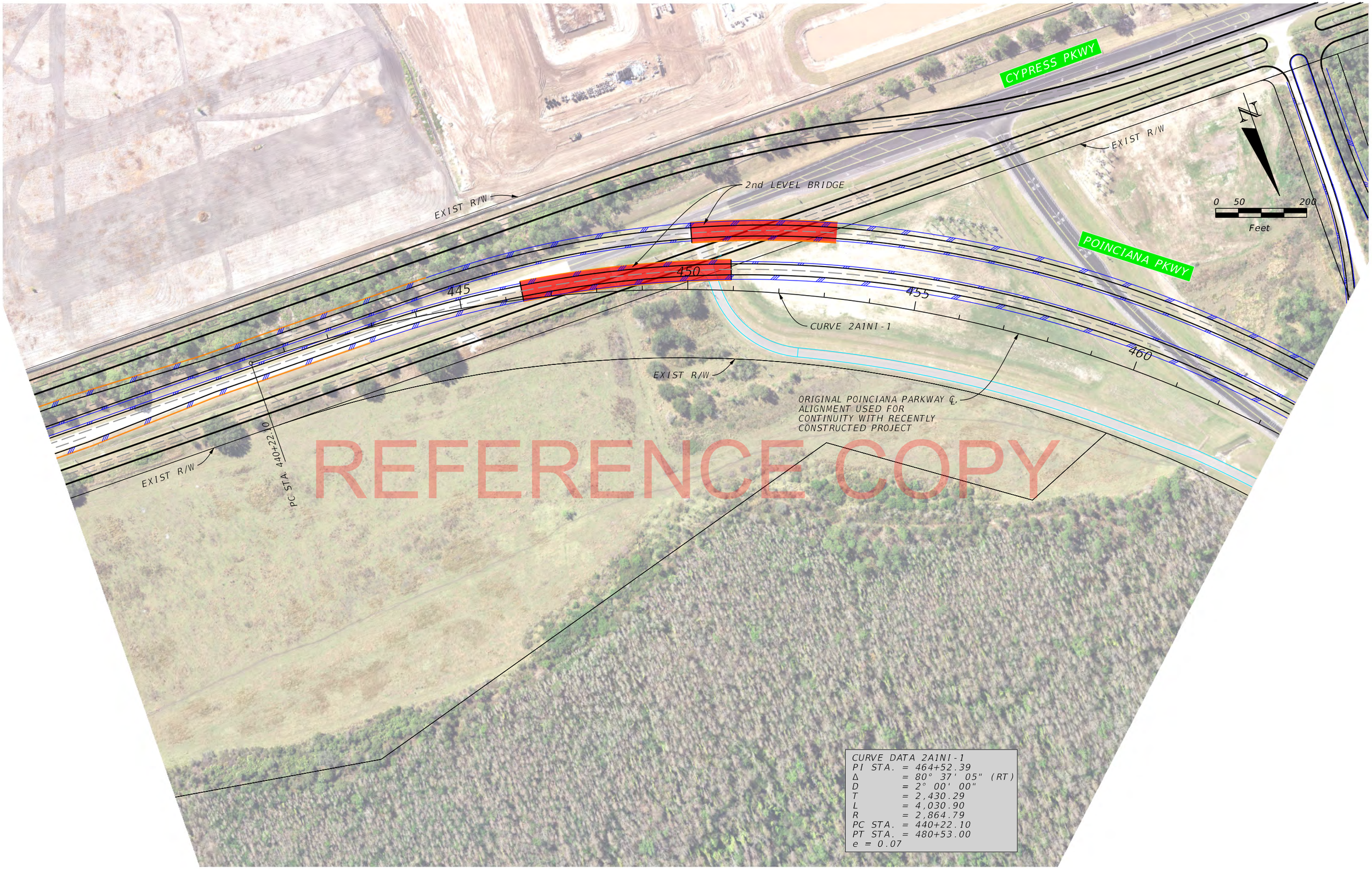
Concept, Feasability and Mobility Study
for the
Poinciana Parkway Extension / I-4 Connector

Poinciana Parkway Expansion

SHEET NO.

PPE-1



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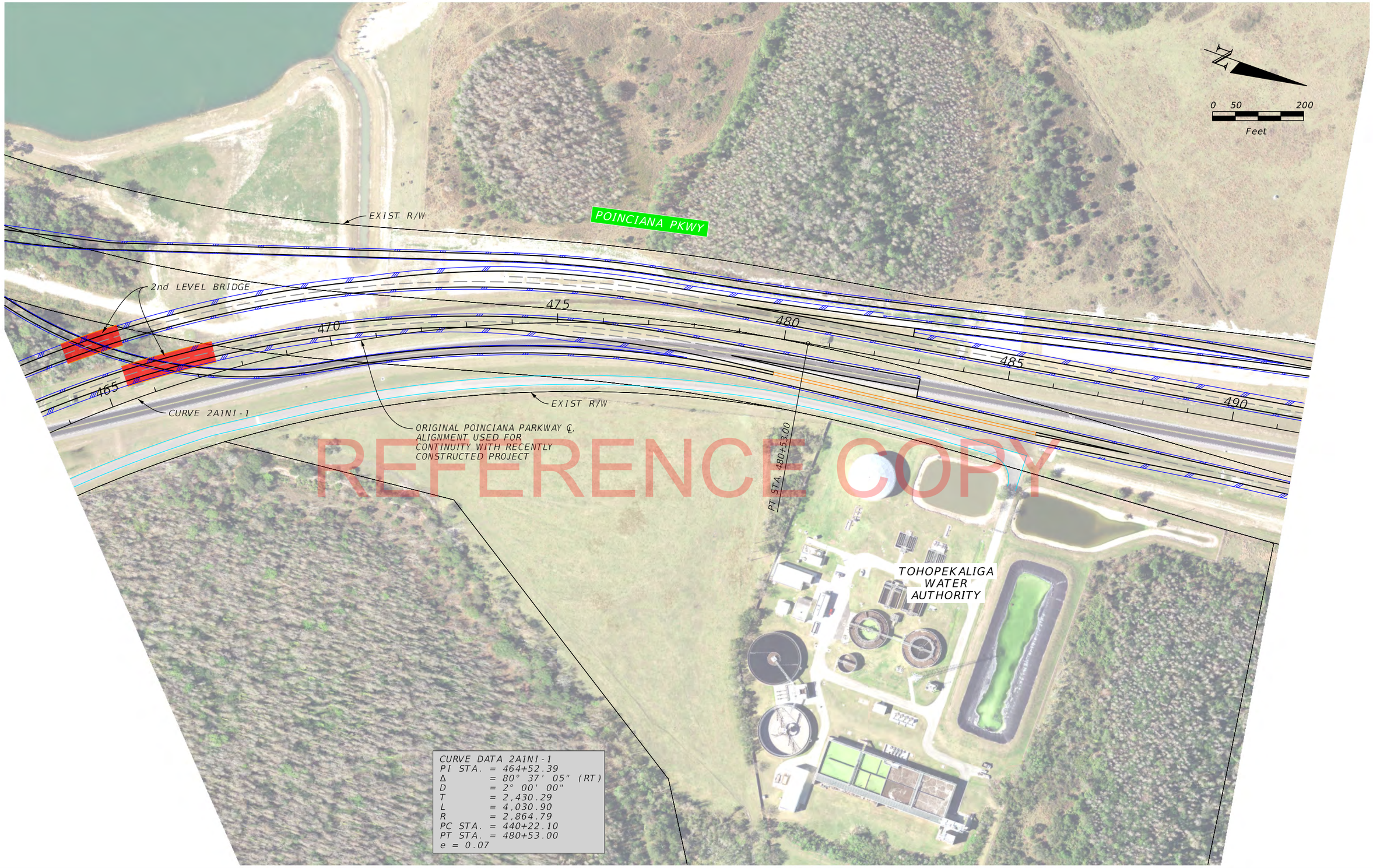
SHEET NO.

PPE-2



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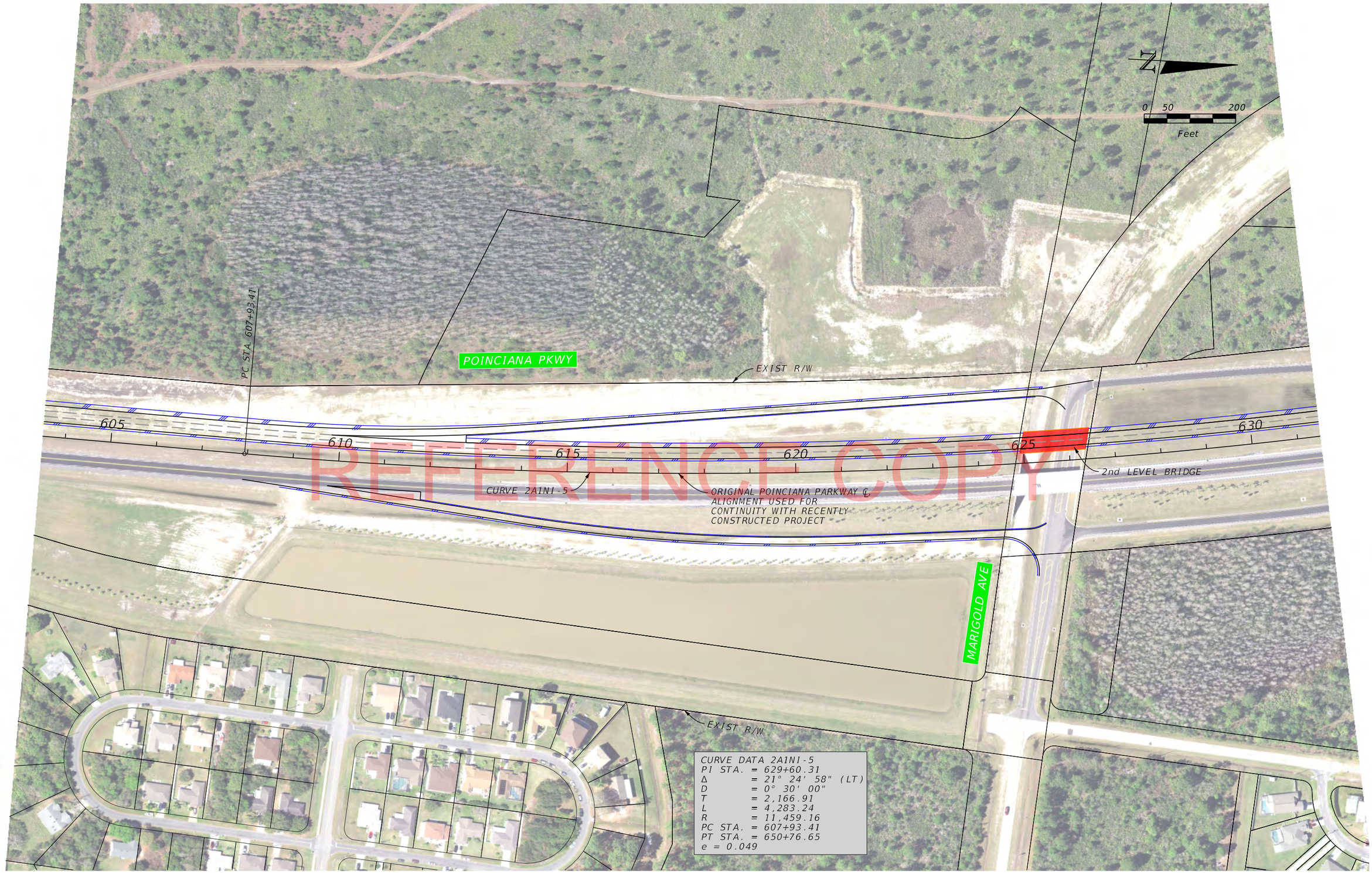
PPE-7



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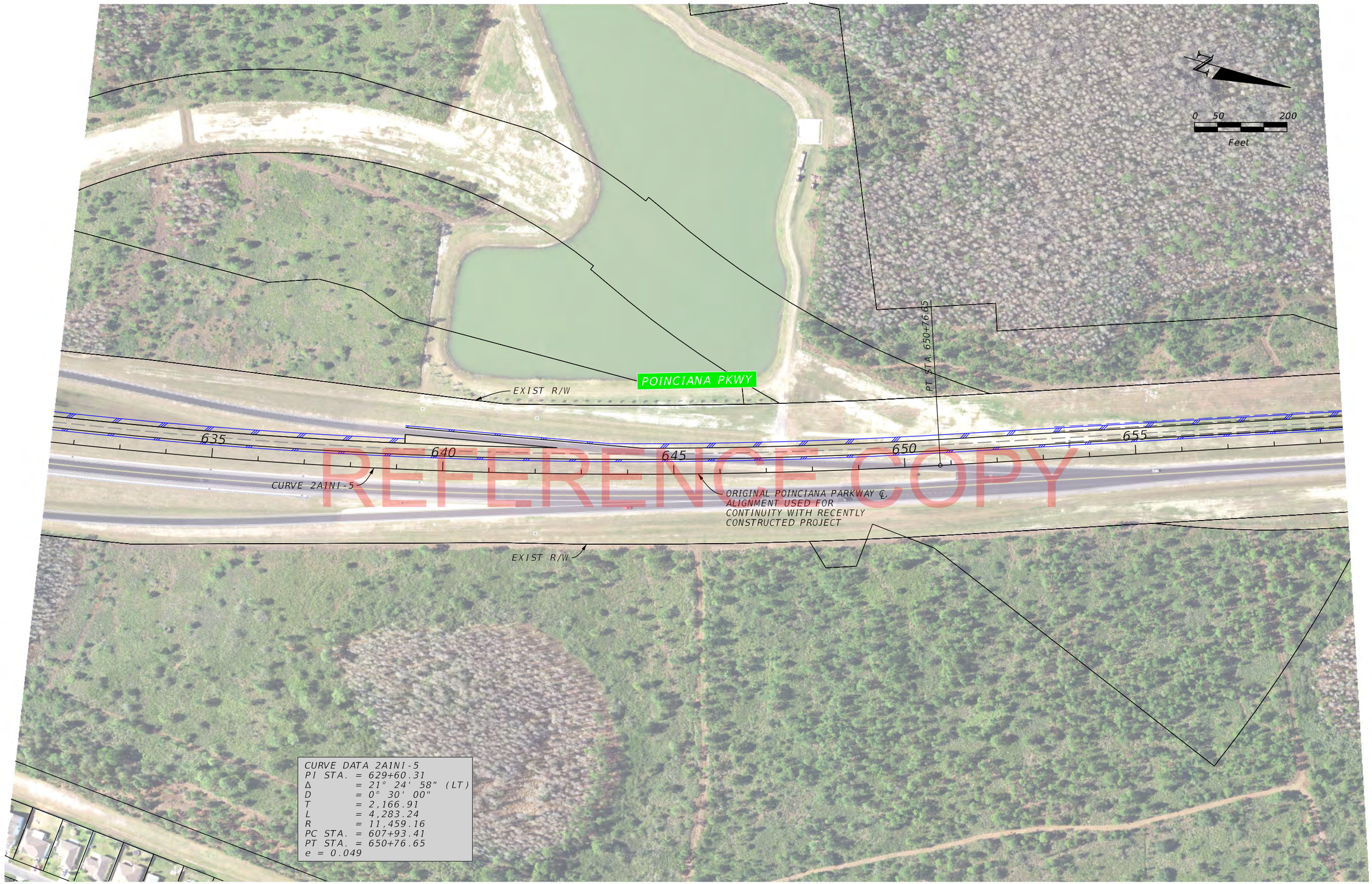
PPE-8



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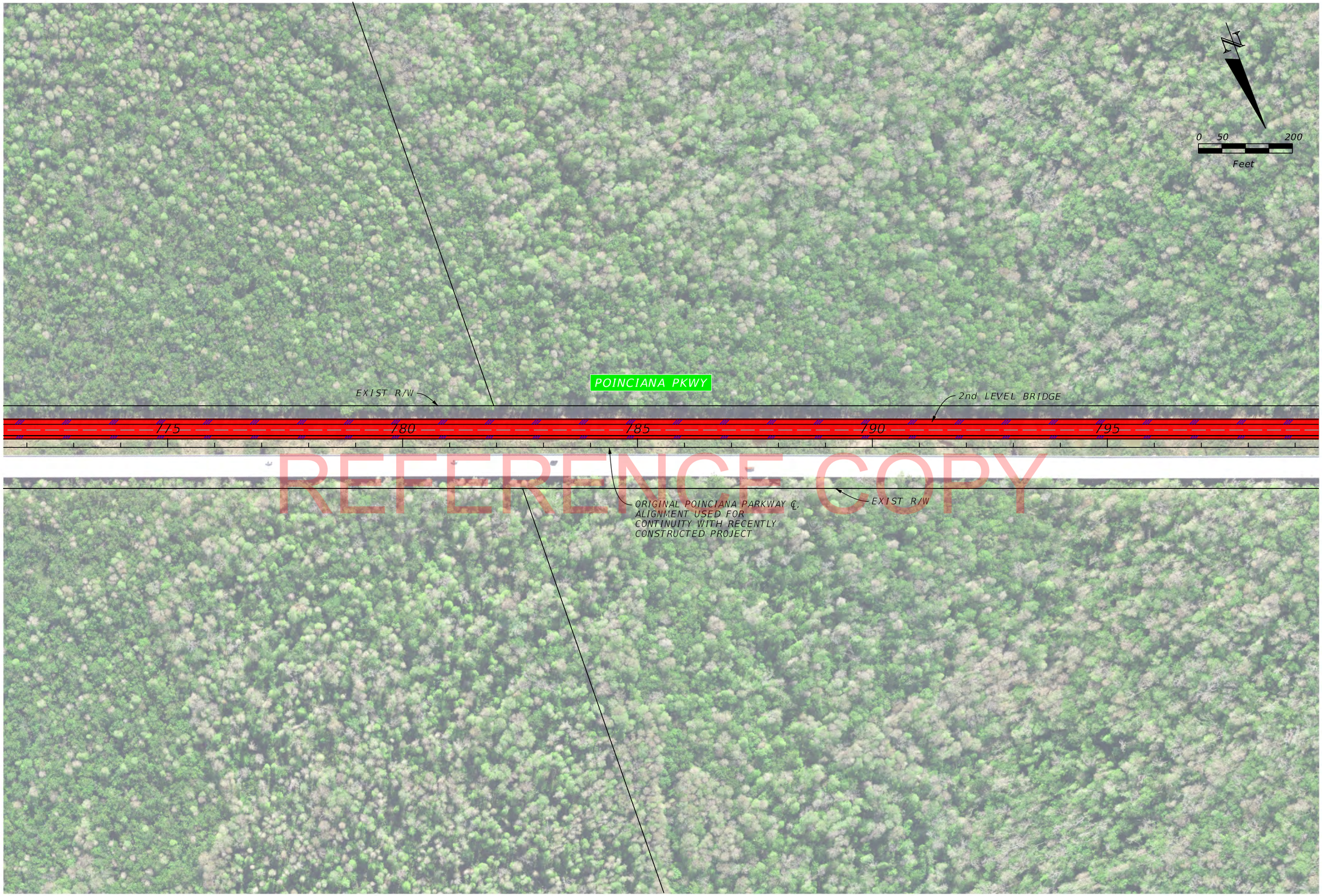
PPE-13



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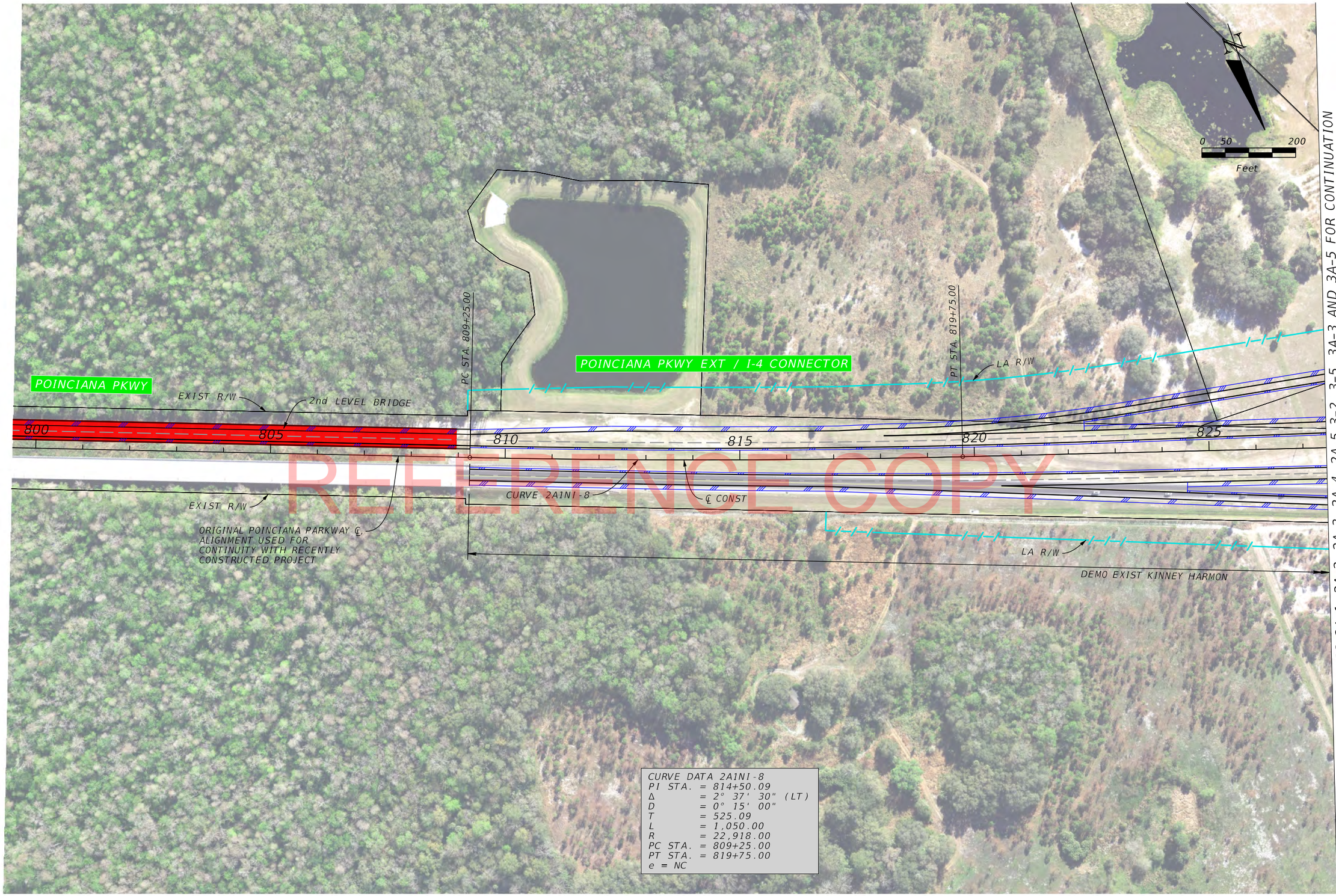
PPE-14



REFERENCE COPY

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T = 525.09
L = 1,050.00
R = 22,918.00
PC STA. = 809+25.00
PT STA. = 819+75.00
e = NC

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