



## APPLICATION FOR CANOPY ROAD DESIGNATION

### APPLICATION

|                                  |   |
|----------------------------------|---|
| <b>APPLICANT:</b>                | Judy Beal (agent) for Orange Avenue property owners                   |
| <b>AGENT:</b>                    | Judy Beal 5014 Karen Street Fernandina Beach, FL 32034                |
| <b>REQUESTED ACTION:</b>         | Designate Orange Avenue as a Canopy Road as pursuant to Sec 37.08 LDC |
| <b>LOCATION:</b>                 | Orange Avenue from First Coast Highway to end, Fernandina Beach       |
| <b>LAND USE:</b>                 | Medium Density Residential/High Density Residential/Commercial        |
| <b>ZONING:</b>                   | Residential Single Family 1/PUD (Summer Beach)                        |
| <b>EXISTING USES ON SITE:</b>    | SF Residential  |
| <b>LENGTH AND CURRENT WIDTH:</b> | 1,267.3 feet long and 29.7 feet wide ROW                              |
| <b>COMMISSION DISTRICT:</b>      | 2   |

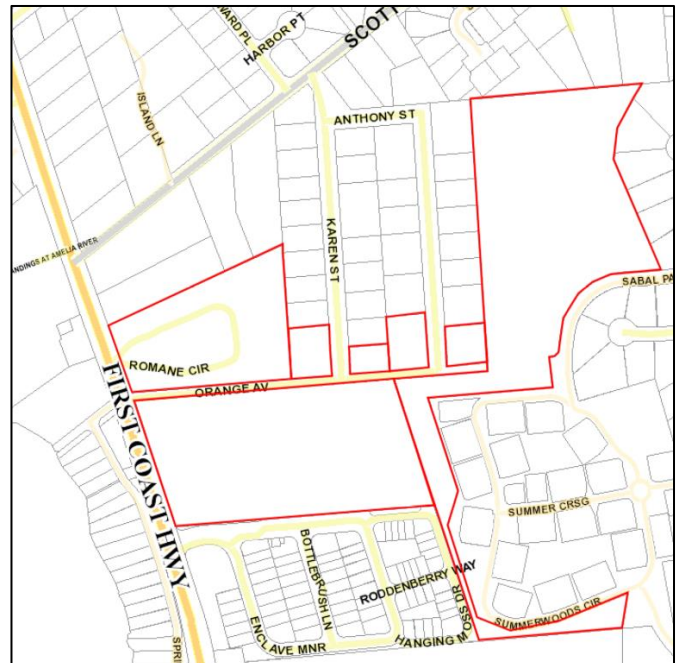
\*\*\*\* The planning director, or his/her designee, shall insure that the trees are identified and recorded on the proposed roadway and zone, and present the information to the board of county commissioners for its approval. The identification and recordation shall be in a form that can be attached to an ordinance. \*\*\*\*

### SUMMARY OF REQUEST AND BACKGROUND INFORMATION

The applicants are seeking to designate Orange Avenue from First Coast Highway to its end as a canopy road pursuant to Sec 37.08 LDC.

The planning director, or his/her designee, shall insure that the trees are identified and recorded on the proposed roadway and zone, and present the information to the Board of County Commissioners for its approval. The identification and recordation shall be in a form that can be attached to an ordinance.

An ISA-certified arborist (Genesis-Halff) was hired by Nassau County to perform a tree inventory which includes species identification, DBH (diameter breast height), common name, protected status, form, health status and appropriate remarks.



Two (2) community meetings were held (May 23 and June 17, 2019) with parcel owners whose property abuts Orange Avenue. Consensus was achieved regarding the Canopy Road designation area. These residents would like to extend the Canopy Road designation area to include 20 feet on either side of the platted 29.7 foot ROW for a total width of 69.7 feet.



Attachment “H”, the ‘Tree Survey Inventory’, lists all trees to be included in the Canopy Road designation area. Attachment “I”, the ‘Proposed Canopy Road Designation Area Map’ shows the location of all protected trees within the proposed Canopy Road designation area.

#### **CONSISTENCY WITH LDC SECTION 37.08 (A): DESIGNATION CRITERIA**

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When considering Canopy Road designation requests, the Board of County Commissioners shall make a written finding that the request satisfies the following criteria:

- **Roads or portion of said roads be considered, or a petition of the lesser of either of fifty-one (51) percent or two hundred (200) of the property owners abutting the road may request that a road be considered.**

A signed petition and letters of support showing support of 57% of all property owners whose property abuts Orange Avenue has been submitted.

- **Historic Significance**

The Belle Glade subdivision was platted in 1957. The exact age of the trees is difficult to determine without invasive techniques, although the trunk size and canopy coverage of several trees suggests they have reached maturity and therefore, they may have been part of the tree coverage at that time. Four parcels on Orange Avenue remain vacant, one is cleared, a home is being erected on another and two are overgrown and contain trees of varied ages.

- **Scenic Criteria (including tree canopy)**

The native trees within the ROW along Orange Avenue are Live Oak (*Quercus virginiana*), Laurel Oak (*Quercus laurifolia*), southern magnolia (*Magnolia grandifolia*), Magnolia spp., and Ash (*Fraxinus spp.*). The Live Oak grows as a spreading canopy which can attain a height of between 60 to 80 feet and a canopy width between 60 to 120 feet. The Laurel Oak (*Quercus laurifolia*) can reach heights of 65 to 100 feet and canopy widths between 40 to 60 feet. Southern Magnolia can reach heights of 60 to 100 feet and sweetbay Magnolia, heights of 40 to 60 feet. Ash can reach heights of 60 to 80 feet. (The Florida Urban Forestry Council and UF/IFAS). All species of trees along Karen Street exhibit the expected growth habit for their species.

Several Live Oak trees have been ‘lion tailed’, a pruning method which increases the instability of the tree by removing mass close to the trunk and leaving mass at the ends of branches.

A letter submitted with the application describes the trees along this road as “scenic and provide the characteristic sense of place of Amelia Island.”

- **Ecological Significance**

Sec 37.02 (A) (2) LDC acknowledges the importance of the native tree canopy of Amelia Island: The maritime forest ecology of Amelia provides “meaningful contribution to a healthy, beautiful, and safer community attributable to their carbon dioxide absorption, oxygen production, dust filtration, wind and noise reduction, soil erosion prevention, wetland erosion protection, wildlife



habitat, surface drainage improvement, beautification and aesthetic enhancement of improved and vacant lands”.

The native canopy forest also provides temperature moderation and protection from storm winds,

Canopy trees in Amelia Island maritime forest include Live oak, Laurel Oak, Water Oak, Sabal (Cabbage) Palm, Ash, Hickory, Southern Magnolia, Red Cedar and several types of Pine.

- **Traffic Information**

Orange Avenue is designated as a local road and functions in that capacity resulting in traffic flow created predominately by the residents of Karen, Orange and Anthony Streets. A letter submitted with application states that “there is little traffic on these streets.”

The Orange Avenue Right-of- Way is 29.7 feet wide and approximately 1,267.3 feet in length.

The Zoning Districts are Residential Single Family 1 and PUD (Summer Beach).

The Future Land Use is Medium Density, High Density, and Commercial.

## **CONCLUSION**

Staff finds the requested action to be consistent with the Land Development Code as follows:

|               | Determination of Consistency |
|---------------|------------------------------|
| LDC 37.08 (A) | √                            |

Staff recommends Approval of the proposed Canopy Road designation area on Orange Avenue to include 20 feet on either side of the platted 66 foot ROW, for a total protected zone of 69.7 feet.

Approval is subject to the following conditions as pursuant to Section 37.08 (B) LDC:

*Restrictions on scenic/canopy roads.*

1. The county shall not widen or increase the number of lanes on any of the county roads designated as scenic/canopy roads.
2. Outdoor advertising signs shall be prohibited, except signs advertising residential developments or homes for sale or parcels of property immediately adjacent to the road or subdivision and entryway signs constructed in accordance with the county sign ordinance. On-premises commercial signs, excluding billboards, shall be allowed.
3. The erection of markers or signage indicating that the road is a scenic/canopy road or historic road shall only be accomplished at the direction of the growth management coordinator or his/her designee with the consent of the board of county commissioners.
4. Setting and posting of speed limits and warning of restricted roadway shoulders.
5. Setting of classes of vehicular travel, including weight and height limitations.
6. Limiting access and width of access.



7. Tree protection. No trees, except as identified in Florida's Most Invasive Species List, Category I, which have attained a diameter of eight (8) inches or more at a point four and one-half (4½) feet above average ground level within the zone shall be removed, except as provided herein, and trees shall be identified as set forth herein.

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Submitted by:

SUE ANN ALLEGER, MLA, CFM  
PLANNER II



NASSAU COUNTY

**DEPARTMENT OF PLANNING  
AND ECONOMIC OPPORTUNITY**  
FLORIDA

**STAFF REPORT**  
**Planning & Zoning Board**  
**ORD19-005**  
**7/2/19**

**Attachments:**

- A. Parcel Owner Petitions - Dated, signed and noting owner name, addresses and signatures.
- B. Letters of Support - from owners not listed on original petitions
- C. Application - dated May 21, 2019
- D. Plat of the Belle Glade Subdivision - approved January 16, 1957
- E. Zoning map
- F. Future Land Use Map (FLUM)
- G. Site Visit Notes - February 26, 2019
- H. Tree Survey Inventory by Genesis-Halff, dated May 24, 2019
- I. Proposed Canopy Road Designation Area Map
- J. List of parcel ID#s affected by the proposed ordinance





Attachment A - Parcel Owner Petitions

Orange Ave Residents to declare Orange Ave from Karen to Anthony a canopy road

Owner/Resident

Signature

Date

Dariusz Jaroska

Ted and Meridith Burkhart

Mark and Stehania Embrick

See Karen Street/attached letter

0104.2019 -  
4/1/19

| Karen St Owner         | Approve Application | Signature         | Date   | Karen Owner            | Approve Application | Signature | Date |
|------------------------|---------------------|-------------------|--------|------------------------|---------------------|-----------|------|
| <i>Scot Wayne Pean</i> |                     |                   |        | 5004 Profit Enterp LLC |                     |           |      |
| 5005 L McMullian       |                     |                   |        | 5006 <i>Bess</i>       | ✓                   |           |      |
| 5007 P Amelia LLC      |                     |                   |        | 5008 K Thompson        | ✓                   |           |      |
| ✓ 5009 P/M Davison     | ✓                   | <i>Chad</i>       | 3/4/19 | 5010 K Thompson        | ✓                   |           |      |
| 5011 T/S Eubanks       | ✓                   |                   |        | 5012 M/M Neuer         | ✓                   |           |      |
| ✓ 5013 J <i>Porton</i> | ✓                   | <i>John D. Mc</i> | 3/7/19 | 5014 L/J Beal          | ✓                   |           |      |
| 5015 J Eubanks         | ✓                   |                   |        | 5016 P Thomas          | ✓                   |           |      |
| 5017 M Bouker          |                     |                   |        | 5018 M Galardo         |                     |           |      |
| 5021 M/S Embrick       | <i>Signature</i>    |                   |        | 5020 T/M Burkhart      | ✓                   |           |      |

*Canopy Rd application #2*



Attachment A - Parcel Owner Petitions

| Orange Avenue - Canopy Road Consideration update 4-25-2019 |                                |                             |                  |    |       |       |             |      |                   |               |                 |   |
|--|--------------------------------|-----------------------------|------------------|----|-------|-------|-------------|------|-------------------|---------------|-----------------|---|
| Parcel ID  | Owner Name                     | Mail Address 1              | Mail City        | ST | Zip   | #     | Street      | Type | All Owners        | All Bordering | only si address |   |
| 00-00-30-01-0011-0000                                      | EMERICK MARK C & STEPHANIE L   | 382 ASHBORNE TRAIL          | LAVREKEVILLE     | GA | 30043 | 5021  | KAREN       | ST   | 2                 | V             | V               | V |
| 00-00-30-01-0025-0000                                      | BURKHART THEODORE M & MERIDITH | 5020 KAREN ST               | FERNANDINA BEACH | FL | 32034 | 5020  | KAREN       | ST   | 2                 | V             | V               | V |
| 00-00-30-01-0030-0000                                      | JAROSKA DARIUSZ                | 1639 ORANGE AV              | FERNANDINA BEACH | FL | 32034 | 1639  | ORANGE      | AVE  | 1                 | V             | V               | V |
| 00-00-30-01-0040-0000                                      | CLEARY BRIAN S & ANNE          | 5020 ANTHONY STREET         | FERNANDINA BEACH | FL | 32034 | 5020  | ANTHONY     | ST   | 2                 | V             | V               | V |
| 00-00-30-07-0003-0000                                      | ENCILAVE PHASE II PARTNERS LLC | 9995 GATE PARKWAY N STE 400 | JACKSONVILLE     | FL | 32246 |       | FIRST COAST | HWY  | 1                 | V             | V               | V |
| 00-00-30-07-0004-0000                                      | MASSAU COUNTY BOC              | 96135 MASSAU PLACE STE 2    | JACKSONVILLE     | FL | 32097 |       | SABAL PALM  | RD   | 2                 | V             | V               | V |
| 00-00-30-07-0013-0020                                      | BARBER DAVID A &               | RICE JANETTE & GLENDA ET AL | FERNANDINA BEACH | FL | 32034 | 94131 | ROMANE      | CIR  | 11                | 6             | 7               | 4 |
| Re: Ordinance Section 37.08 Canopy/Xenic Roads             |                                |                             |                  |    |       |       |             |      | Signatures Needed | 6             | 57%             | 4 |
|  |                                |                             |                  |    |       |       |             |      |                   | 6             | 57%             | 4 |



Attachment B - Letters of Support - from owners not listed on original petitions

Mark and Stephanie Embrick  
5021 Karen Street  
Fernandina Beach, FL 32034

February 19, 2019

To Whom It May Concern:

Let it be known that we support and agree with designating Karen & Orange Streets as Canopy Roads.  
We own lots 11 and 12 on the corner of Karen Street and Orange Street.

Thank you,

Stephanie Embrick

Mark Embrick





Attachment C - Application - dated February 19, 2019

Taco Pope, Director  
Planning and Economic Opportunity Department  
96161 Nassau Pl.  
Yulee, FL 32097  
February 19, 2019

Dear Mr. Pope,

In compliance with Section 37.08—Canopy/scenic Roads of the Nassau County, FL Code of Ordinances, the property owners of Karen St. request consideration of Karen St. for the designation of Canopy Road. You will find signatures of the property owners who are party to this request on the attached Excel spreadsheet. These signatures represent 53% of the residents on Karen St.

The trees along this road is scenic and provides the characteristic sense of place of Amelia Island. We have mature oaks that form a canopy over most of this street. It is critical that these trees be protected because of the many benefits they provide, including temperature moderation, protection from storm winds, storm water management, and protection of our property values. There is little traffic on these streets, and therefore designation of these streets as Canopy Roads presents little potential risk to vehicles in the future.

Please let us know what additional information you need from us to further this application.

Sincerely,

Judy Beal (Nassau Co Resident)  
5014 Karen Street  
Fernandina Beach, FL 32034



NASSAU COUNTY  
DEPARTMENT OF PLANNING  
AND ECONOMIC OPPORTUNITY  
FLORIDA

STAFF REPORT  
Planning & Zoning Board  
ORD19-005  
7/2/19

Attachment D - Plat of the Belle Glade Subdivision  
approved January 16, 1957

PLAT BOOK 3 PAGE 55

# BELLE GLADE

## CAPTION

All of those certain lots, pieces, or parcels of land situated, lying, and being in Section Fifteen (15) township Two (2) North, Range Twenty Eight (28) East, County of Nassau, and State of Florida, and further known and described as the West Half (W/2) of Lot Eleven (11), all of Lot Twelve (12), and the Westerly part of Lot Fourteen (14) of a Subdivision of part of said Section Fifteen (15) as surveyed by J. Henry Soms and recorded in Deed Book 117 of page One Hundred Twenty Eight (128) of the public records of said Nassau County, Florida, and more particularly described by metes and bounds as follows: BEGINNING at the Northwest (NW) corner of said Lot Twelve (12); thence North Three Degrees West (N3°00'W) along the West line of said Lot Fourteen (14), a distance of Twenty and forty-six hundredths (20.46) feet to a point on the Southeastly right-of-way line of Scott Road (formerly Amelia Avenue) (29.7' R/W); thence North Fifty Three Degrees East (N53°00'E), along said right-of-way line of Scott Road a distance of Three Hundred Twenty (320.0) feet to a point; thence South Thirty Seven Degrees East (S37°00'E) a distance of Two Hundred Thirty One and two tenths (231.2) feet to a point on the Northerly line of said Lot Twelve (12); thence North Eighty Six Degrees East (N86°00'E) along the Northerly line of said Lots Twelve (12) and Eleven (11), a distance of Three Hundred Five and nine tenths (305.9) feet to a point; thence South Three Degrees East (S3°00'E) a distance of Nine Hundred Thirty Three and twenty-four hundredths (933.24) feet to a point on the Southerly line of said Lot Eleven (11) and the Northerly right-of-way line of Orange Avenue (29.7' R/W); thence South Eighty Six Degrees West (S86°00'W) along the said right-of-way line of Orange Avenue, a distance of Six Hundred Ninety Nine and ninety-three hundredths (699.93) feet to a point on the Southwest (SW) corner of said Lot Twelve (12); thence North Three Degrees West (N3°00'W) along the Westerly line of said Lot Twelve (12) a distance of Nine Hundred Thirty Three and twenty-four hundredths (933.24) feet to the Point of Beginning. This parcel of land contains Fifteen and ninety three hundredths (15.93) Acres, more or less.

## ADOPTION AND DEDICATION

THIS IS TO CERTIFY that we the undersigned Myron H. Hammond and Myrtle T. Hammond, Husband and Wife respectively, are the lawful owners of the land described in the CAPTION of this plat, and that we have covenanted the same to be surveyed and subdivided and this plat made in accordance with said survey is hereby adopted as true and correct. All streets are hereby irrevocably dedicated to the use of the public. In witness whereof we have hereunto affixed our hands and seals this the 11<sup>th</sup> Day of JANUARY A.D. 1957.

Signed and sealed in presence of

Alvin L. Hall Witness Myron H. Hammond Owner  
Hugh M. Thigpen Witness Myrtle T. Hammond Owner (Seal)

## STATE OF FLORIDA, COUNTY OF NASSAU:

I HEREBY CERTIFY that on this 11<sup>th</sup> Day of JANUARY A.D. 1957 personally appeared before me Myron H. Hammond and Myrtle T. Hammond, Husband and Wife respectively, as owners of the land described in the CAPTION hereof, to me well known and known to be the persons described in and who executed the foregoing dedication of Street Rights-of-Way on this plat and severally acknowledged the execution thereof to be their free act and deed as owners, for the uses and purposes herein stated. Witness my signature and official seal at the City of Fernandina Beach, Florida this the 11<sup>th</sup> Day of JANUARY A.D. 1957.

Paul Thomas  
Notary Public State of Florida at large.  
My commission expires JULY 12, 1957

EXAMINED AND APPROVED this 16<sup>th</sup> Day of JANUARY A.D. 1957 by the Board of County Commissioners, Nassau County, Florida.

H. N. Gasparian Chairman  
J. M. Brown Clerk



THIS IS TO CERTIFY that this Plat is a true and correct representation of the land surveyed and plotted and described and that Permanent Reference Marks have been placed at points marked PRM according to the Laws of the State of Florida.

Signed this the 10<sup>th</sup> Day of JANUARY A.D. 1957

SCALE: 1"=100'

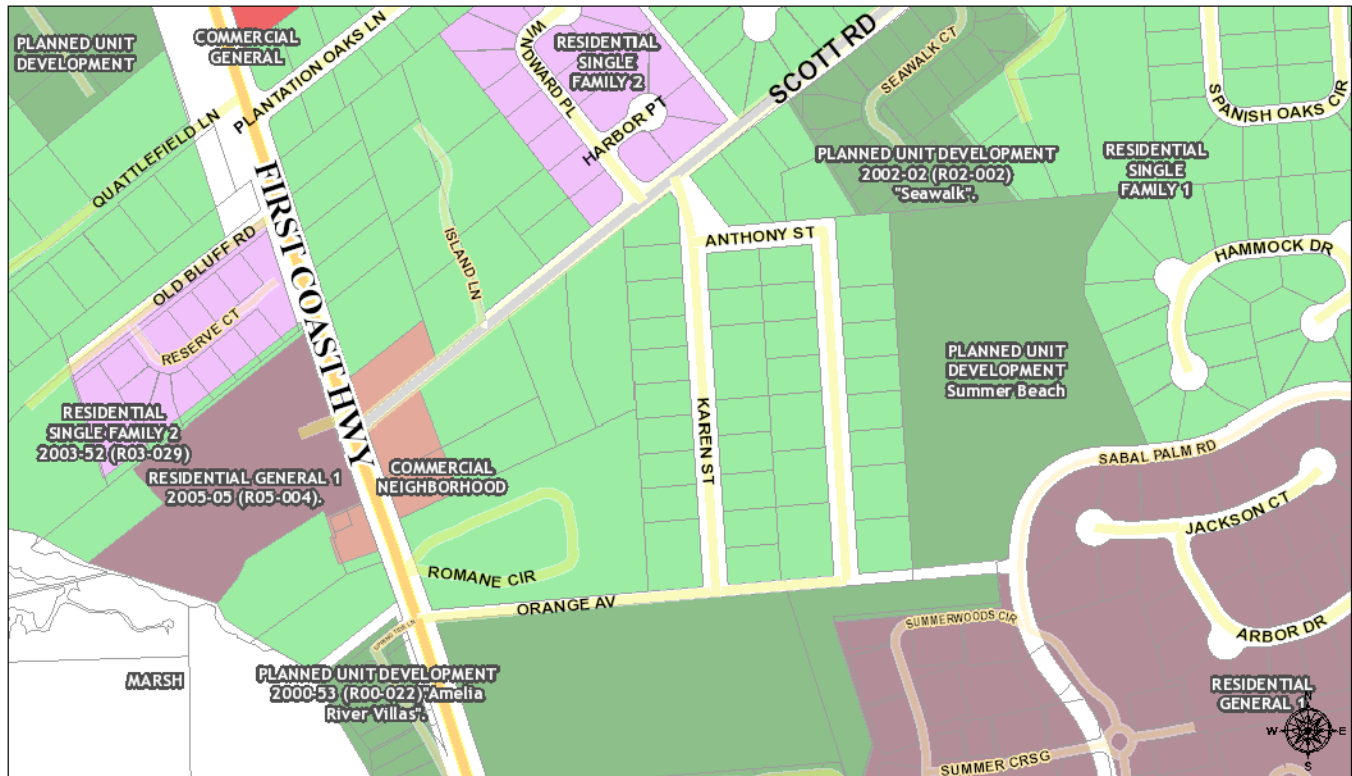
Hugh M. Thigpen  
Hugh M. Thigpen, Registered Land Surveyor No. 1051

I HEREBY CERTIFY that this plat has been examined and that it complies in form with Chapter No. 10275 of the Laws of the State of Florida, General Acts of 1925 A.D. and is filed for Record and Recorded in Plat Book 37 of page 55 of the Public Records of the County of Nassau and State of Florida, this the 16<sup>th</sup> Day of JANUARY A.D. 1957.

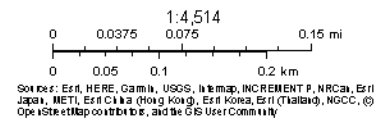
J. M. Brown  
Clerk of Circuit Court, Nassau County, Florida



Attachment E - Zoning map  
Zoning



June 25, 2019



2019



Attachment F - Future Land Use Map (FLUM)

FLUM



June 25, 2019

1:4,514  
0 0.0375 0.075 0.15 mi  
0 0.05 0.1 0.2 km  
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

2019



## Attachment G - Site Visit Notes - February 26, 2019

Karen Road Canopy Designation  
Site Visit 2-26-19 Notes  
Sue Ann Alleger and Rebecca Jordi UF/IFAS, Certified arborist.

This visit was an initial visit to determine what trees are within the 66' wide ROW.  
Ms. Jordi inspected trees and understory estimated to be within the ROW with respect to tree health, safety and maintenance.

### Observations:

1. Several trees have been 'lion tailed', a pruning method which increases the instability of the tree by removing mass close to the trunk and leaving mass at the ends of branches which increases the likelihood of branch failure. Young branches are sprouting on those trees and if allowed to fill in will could naturally balance the tree and improve the ability to withstand high winds. Ideally, some of the new sprouts should be removed but most should remain to increase foliage weight along the total branch. <https://hort.ifas.ufl.edu/woody/lions-tailed.shtml>
2. Several trees need slight pruning to reduce the weight on branch extremities and increase tree stability. Removal of circling/girdling on trees – especially at the root plate.
3. Several trees are surrounded by groundcover plantings or turf, and irrigation which are negatively affecting tree health. (BMP are to leave 3x trunk width i.e. if a tree has a dbh of 10" or more, do not underplant within 30" of the trunk base).
4. Vacant or undeveloped parcels contain aggressive invasive species which are detrimental to tree health. Florida Exotic Plant Pest Council (FLEPPC) have Category I and II lists. We really should have none of these on County property:
  - a. Category I (most serious issue):
    - i. Boston fern: <https://plants.ifas.ufl.edu/plant-directory/nephrolepis-cordifolia/>
  - b. Category II:
    - i. Creeping oxeye or Wedelia: <https://plants.ifas.ufl.edu/plant-directory/sphagneticola-trilobata/>
    - ii. Elephant ear: <https://plants.ifas.ufl.edu/plant-directory/xanthosoma-sagittifolium/>

### Considerations for moving forward:

1. ID, location and health survey of protected trees are in ROW
2. Aggressive invasive species removal
3. Pruning for health and safety; removal of dead limbs
4. Determination of who is responsible for health and safety regarding trees in ROW
5. General need for education regarding tree and plant health





Attachment H - Tree Survey

Belle Glade Canopy Trees  
(Orange Avenue)

May 23, 2019

| Tree ID No. | Size (D.B.H.) | Scientific Name    | Common Name          | Protected | Form                                   | Status 1     | Status 2 | Remarks  |
|-------------|---------------|--------------------|----------------------|-----------|--|--------------|----------|--|
| 1           | 24", 25"      | Quercus virginiana | live oak             | Yes       | Minor Asymmetry                        | Good         | 2        | Very Minor Decay @ Co-dominant Trunk; Forks @ 20"                                  |
| 111         | 16", 14"      | Quercus virginiana | live oak             | Yes       | Major Asymmetry                        | Poor         | 3 to 4   | Decay & Cavities @ Base; Vines; Co dominant Trunks; Bulges; Inappropriately Pruned |
| 113         | 21"           | Quercus virginiana | live oak             | Yes       | Major Asymmetry                        | Fair         | 3        | Vines; Minor Conks   |
| 114         | 24"           | Quercus virginiana | live oak             | Yes       | Minor Asymmetry to Major Asymmetry     | Fair to Good | 2        | Bulges   |
| 115         | 18"           | Quercus virginiana | live oak             | Yes       | Major Asymmetry                        | Fair         | 3        | Slight Lean; Grows in One Direction; Dead Branches                                 |
| 116         | 38"           | Quercus virginiana | live oak             | Yes       | Generally Symmetric to Minor Asymmetry | Fair to Poor | 3        | Decay; Loose Bark; Forks @ 8'; Bulges  |
| 117         | 9"            | Pinus caroliniana  | cherry laurel        | Yes       | Minor Asymmetry to Major Asymmetry     | Poor         | 3 to 4   | Vines; Bug Damage  |
| 118         | 28"           | Quercus virginiana | live oak             | Yes       | Minor Asymmetry to Major Asymmetry     | Fair to Poor | 3        | Slightly Buried Root Collar; Covered in Vines; Bulges                              |
| 119         | 17"           | Quercus virginiana | live oak             | Yes       | Minor to Major Asymmetry               | Fair         | 3        | Vines; Medium Lean; Grows in One Direction   |
| 120         | 18"           | Celtis laevigata   | sugarberry/hackberry | Yes       | Generally Symmetric                    | Fair         | 3        | Forks @ 4'   |
| 121         | 14"           | Quercus laurifolia | laurel oak           | Yes       | Minor Asymmetry to Major Asymmetry     | Fair to Poor | 3        | Mechanical Damage (Wire)   |
| 122         | 25"           | Quercus laurifolia | laurel oak           | Yes       | Minor Asymmetry to Major Asymmetry     | Fair         | 3        | Some Mechanical Damage; Decay  |
| 123         | 16"           | Quercus virginiana | live oak             | Yes       | Minor Asymmetry to Major Asymmetry     | Fair         | 3        | Growth in One Direction; Curve in Trunk  |
| 124         | 21"           | Quercus laurifolia | laurel oak           | Yes       | Major Asymmetry                        | Fair to Poor | 3        | Slight Lean; Forks @ 7'; Dead Branches   |
| 125         | 12"           | Sabal palmetto     | cabbage palm         | No        |  | Excellent    | 1        |  |
| 126         | 18"           | Celtis laevigata   | sugarberry/hackberry | Yes       |  | Fair         | 3        | Several Forks; Decay @ 8'  |
| 127         | 7"            | Pinus caroliniana  | cherry laurel        | Yes       |  | Excellent    | 1        |  |
| 128         | 13"           | Sabal palmetto     | cabbage palm         | No        |  | Fair         | 3        | Poor Spear Leaf  |
| 129         | 8"            | Celtis laevigata   | sugarberry/hackberry | Yes       |  | Fair to Good | 2        | Some Decay @ 6'  |
| 130         | 11"           | Quercus laurifolia | laurel oak           | Yes       |  | Fair to Good | 2        | Crooked  |
| 131         | 12"           | Celtis laevigata   | sugarberry/hackberry | Yes       |  | Excellent    | 1        |  |



Jordan P. Limburg, RLA, FL 6667021 ISA | Certified Arborist FL-9478A





Attachment H - Tree Survey



Jordan P. Limburg, RLA, F.L. 66667021 ISA | Certified Arborist F.L. 9478A



Belle Glade Canopy Trees  
(Orange Avenue)

May 23, 2019

| Tree ID No. | Size (D.B.H.) | Scientific Name    | Common Name           | Protected | Form | Status 1          | Status 2 | Remarks                                 |
|-------------|---------------|--------------------|-----------------------|-----------|------|-------------------|----------|---|
| 132         | 24"           | Quercus virginiana | live oak              | Yes       |      | Fair to Good      | 2        | Bent But Good                           |
| 133         | 11"           | Celtis laevigata   | sugarberry/blackberry | Yes       |      | Poor              | 4        | Deep Cavity @ 7'±                       |
| 134         | 19"           | Celtis laevigata   | sugarberry/blackberry | Yes       |      | Excellent         | 1        |   |
| 135         | 10"           | Celtis laevigata   | sugarberry/blackberry | Yes       |      | Poor              | 4        | Big Decay; Failure @ 9'±; Not Much Left |
| 136         | 6"            | Quercus laurifolia | laurel oak            | Yes       |      | Excellent         | 1        |   |
| 137         | 17"           | Quercus laurifolia | laurel oak            | Yes       |      | Good              | 2        | Minor Bending                           |
| 138         | 12"           | Quercus laurifolia | laurel oak            | Yes       |      | Fair              | 3        | Poor Form; Some Decay                   |
| 139         | 17"           | Quercus laurifolia | laurel oak            | Yes       |      | Fair to Good      | 2        | Leans Over Road                         |
| 140         | 12"           | Celtis laevigata   | sugarberry/blackberry | Yes       |      | Poor              | 4        | Big Decay                               |
| 141         | 11"           | Celtis laevigata   | sugarberry/blackberry | Yes       |      | Good              | 2        | Leans Over Road                         |
| 142         | 18"           | Quercus laurifolia | laurel oak            | Yes       |      |                   | 1        |   |
| 143         | 32"           | Quercus laurifolia | laurel oak            | Yes       |      | Fair to Poor      | 3        | Phytophthora Root Rot Evidence          |
| 144         | 14"           | Quercus laurifolia | laurel oak            | Yes       |      | Good              | 2        | Vines                                   |
| 145         | 18"           | Celtis laevigata   | sugarberry/blackberry | Yes       |      | Poor              | 4        | Split Apart; Alive Part is Weak         |
| 146         | 42"           | Quercus virginiana | live oak              | Yes       |      | Fair to Poor      | 3        | Dieback; Sparce                         |
| 147         | 48"           | Quercus virginiana | live oak              | Yes       |      | Good to Excellent | 1        | Vines                                   |
| 148         | 20"           | Quercus virginiana | live oak              | Yes       |      | Good to Excellent | 1        | Tree 149 @ Base of This Tree            |
| 149         | 8"            | Quercus laurifolia | laurel oak            | Yes       |      | Poor              | 4        | Growing into Tree 148                   |
| 150         | 22"           | Quercus virginiana | live oak              | Yes       |      | Excellent         | 1        | 2034                                    |
| 151         | 13"           | Quercus virginiana | live oak              | Yes       |      | Excellent         | 1        | 2033                                    |
| 152         | 32"           | Quercus virginiana | live oak              | Yes       |      | Excellent         | 1        | 2022                                    |



Attachment H - Tree Survey



Jordan P. Limburg, RLA, FL 6667021 ISA | Certified Arborist FL-9478A

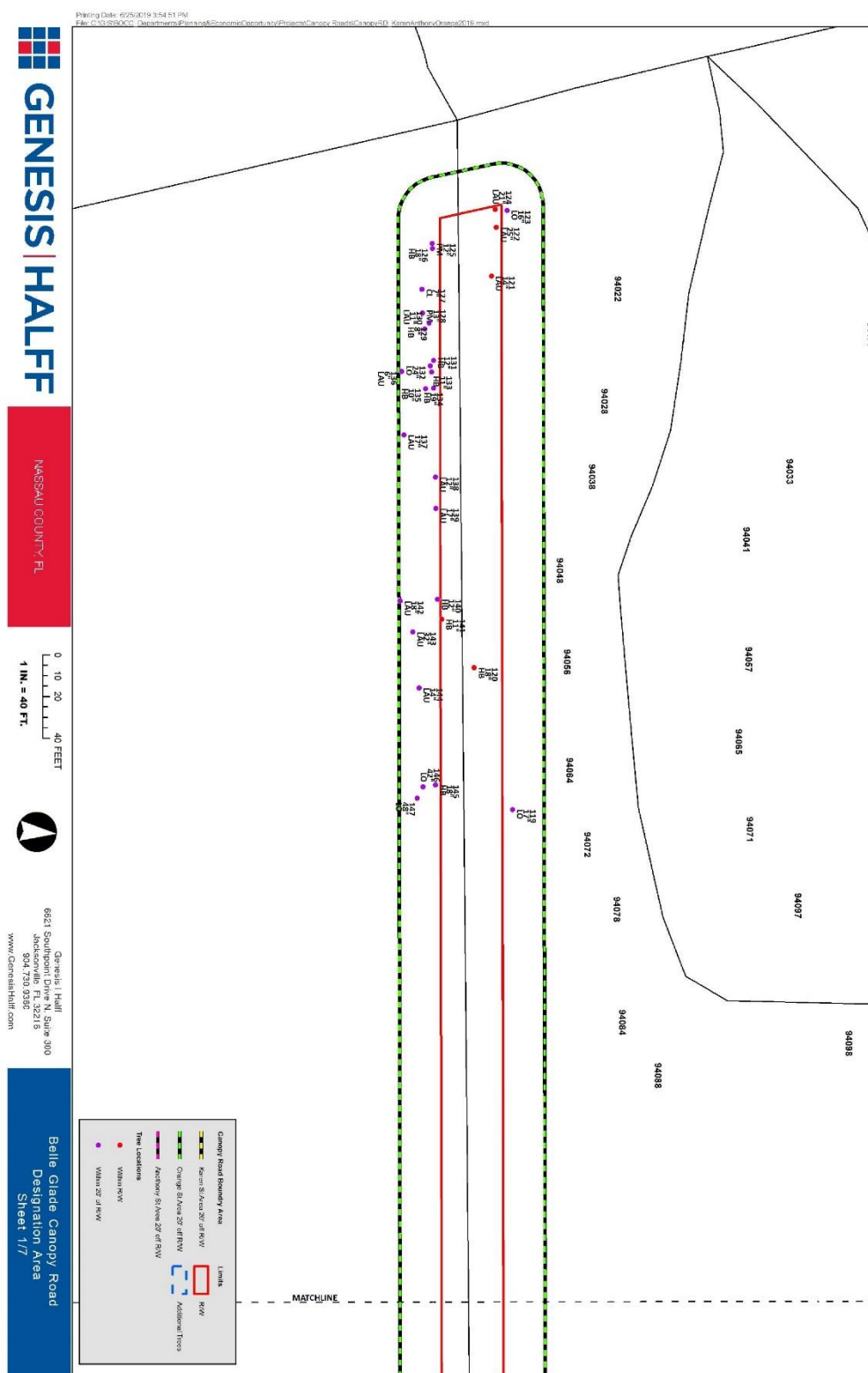


| Tree ID No. | Size (D,B,H) | Scientific Name    | Common Name | Protected | Form | Status 1  | Status 2 | Remarks |
|-------------|--------------|--------------------|-------------|-----------|------|-----------|----------|---------|
| 153         | 72"          | Quercus virginiana | live oak    | Yes       |      | Excellent | 1        | 917     |

Belle Glade Canopy Trees  
(Orange Avenue)

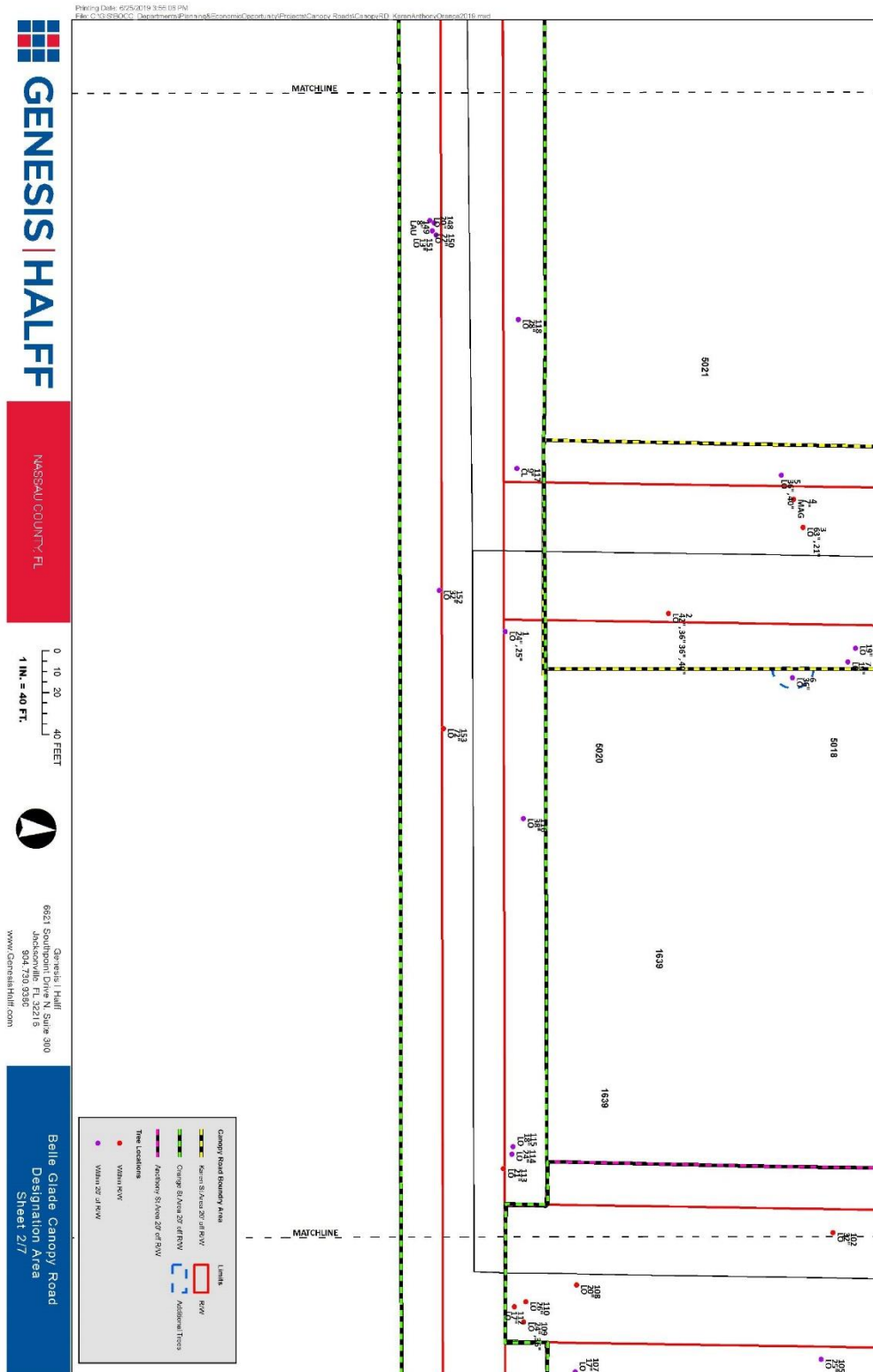
May 23, 2019

## Attachment I - Proposed Canopy Road Designation Area Map





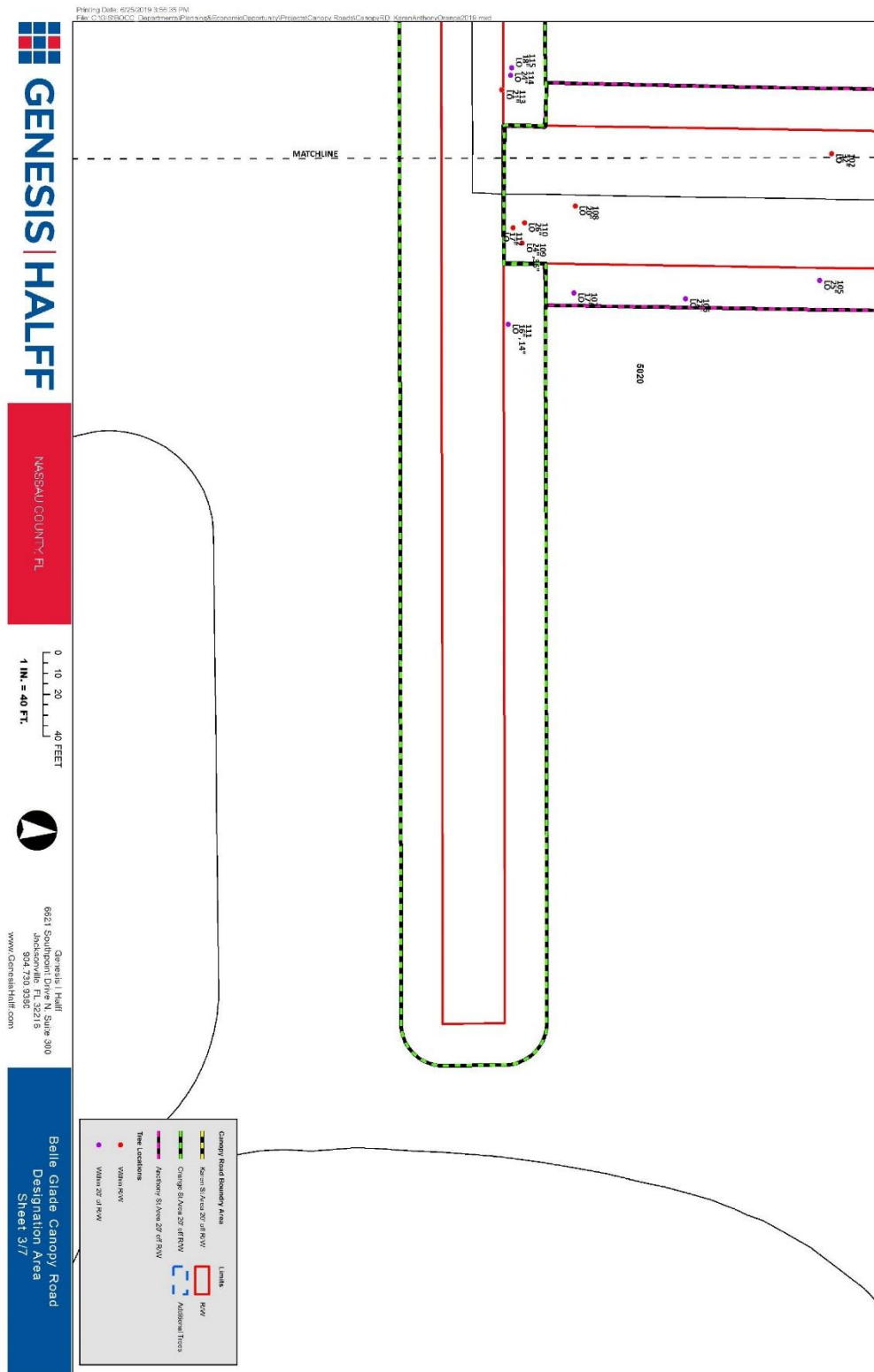
Attachment I - Proposed Canopy Road Designation Area Map







Attachment I - Proposed Canopy Road Designation Area Map





Attachment J – List of parcels affected by the Canopy Road Designation

00-00-30-0140-0011-0000  
00-00-30-0140-0029-0000  
00-00-30-0140-0030-0000  
00-00-30-0140-0040-0000  
00-00-30-0780-0003-0000  
00-00-30-0780-0004-0000  
00-00-30-0780-0013-0020