

Table ES-16 – Maximum Evacuating Population by Time Interval for 2020

2020 Evacuating Maximums					
	Evacuation Level A	Evacuation Level B	Evacuation Level C	Evacuation Level D	Evacuation Level E
Brevard County					
12-Hour	156,960	158,471	159,417	166,715	179,291
18-Hour	209,280	231,103	239,125	250,072	268,937
24-Hour			259,052	319,537	358,582
36-Hour					448,228
Lake County					
12-Hour	56,950	62,349	65,305	71,223	64,998
18-Hour	80,679	93,523	97,957	106,834	97,497
24-Hour		96,121	111,562	142,445	129,996
36-Hour				142,445	173,328
Orange County					
12-Hour	120,539	110,494	136,079	143,928	137,276
18-Hour	165,741	165,741	204,118	215,891	205,915
24-Hour		165,741	226,798	287,855	274,553
36-Hour				287,855	348,911
Osceola County					
12-Hour	29,996	39,522	46,393	48,694	44,615
18-Hour	41,245	59,283	69,589	73,041	66,923
24-Hour		59,283	77,321	95,359	89,230
36-Hour					113,397
Seminole County					
12-Hour	38,675	35,452	45,046	49,519	46,770
18-Hour	53,178	53,178	67,569	74,279	70,155
24-Hour		53,178	75,077	96,975	93,539
36-Hour					118,873
Sumter County					
12-Hour	24,225	25,441	26,479	24,582	21,007
18-Hour	35,328	38,162	39,719	36,874	31,510
24-Hour		40,282	45,235	49,165	42,014
36-Hour				50,189	55,143
Volusia County					
12-Hour	117,916	122,409	146,816	145,557	149,355
18-Hour	162,134	183,614	220,225	218,336	224,033
24-Hour		188,714	244,694	291,114	298,711
36-Hour				291,114	392,058

Note: These estimates take into account many variables, including roadway capacity, in-county evacuating trips, out of county evacuating trips, evacuating trips from other counties, and background

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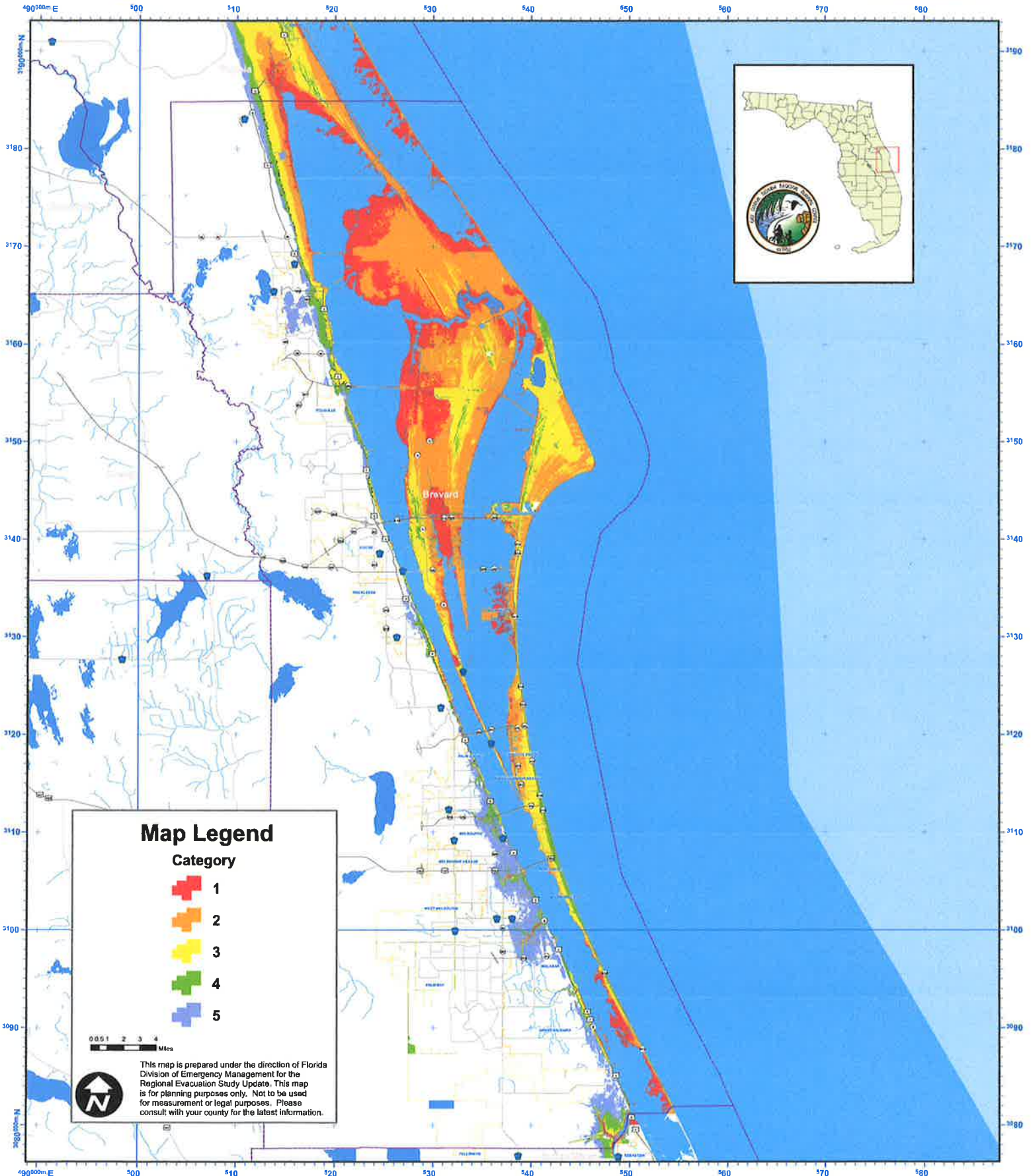
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Brevard County

Map E1 Storm Tide Surge Zones

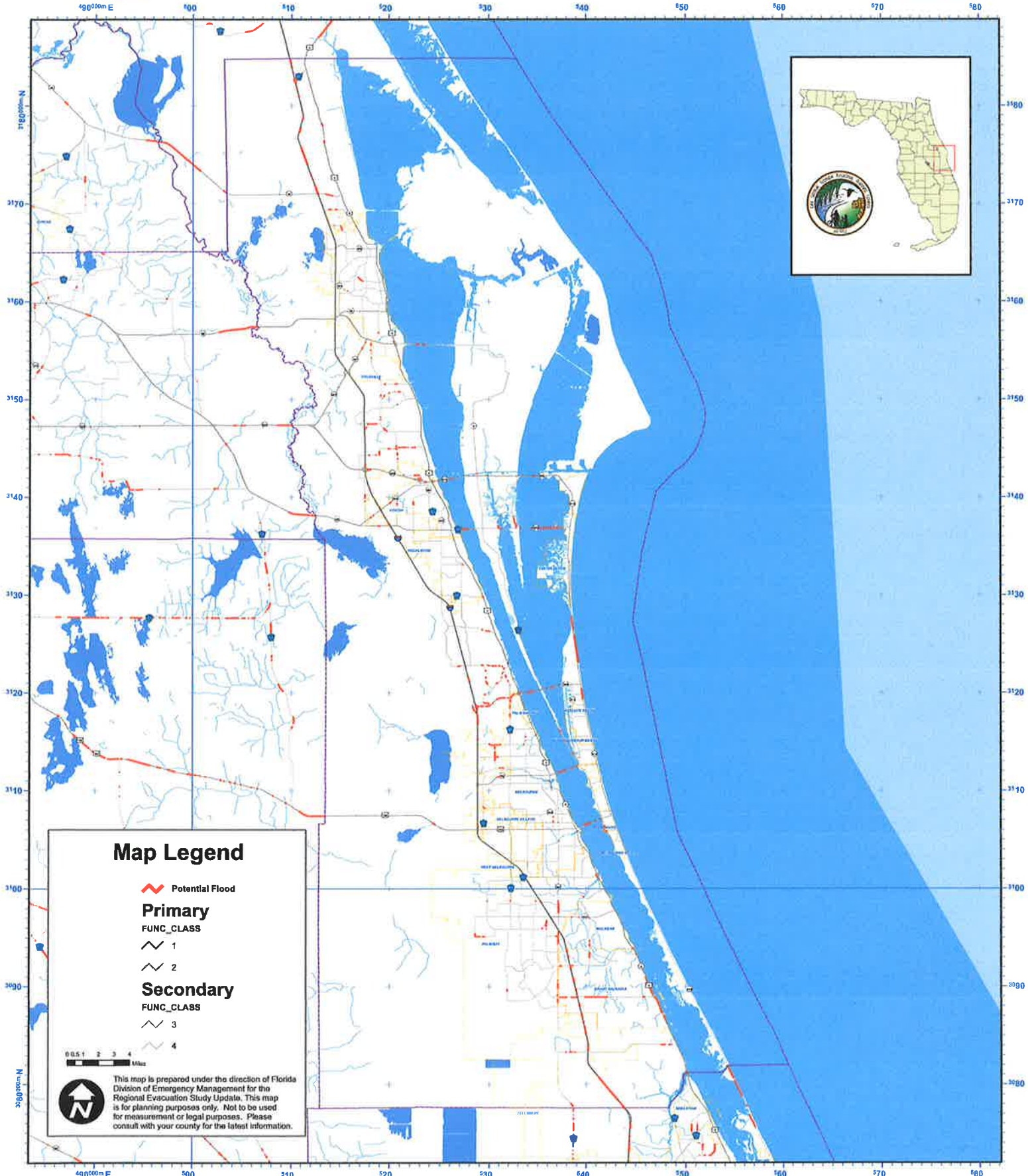
2016 Evacuation Study Summary Update





Brevard County Map E4 Flooded Roadways

2016 Evacuation Study Summary Update



Map Legend

- Potential Flood
- Primary**
- FUNC_CLASS**
- 1
- 2
- Secondary**
- FUNC_CLASS**
- 3
- 4

0 0.5 1 2 3 4 Miles

This map is prepared under the direction of Florida Division of Emergency Management for the Regional Evacuation Study Update. This map is for planning purposes only. Not to be used for measurement or legal purposes. Please consult with your county for the latest information.

Rainwater inundation of evacuation routes must be addressed in an evacuation plan. The planning strategy to address this problem is to plan for the passage of all vehicles over such roadways before substantial rainfall from the hurricane was expected to arrive. Hourly records of rainfall rates and accumulation for past hurricanes indicate that rates high enough to surpass drainage capabilities normally parallel in time the arrival of sustained tropical storm-force winds. Utilizing this as an assumption of the timing of freshwater roadway inundation, the pre-landfall hazards time quantification for sustained tropical storm-force winds will also compensate for early rainfall inundation of evacuation routes.

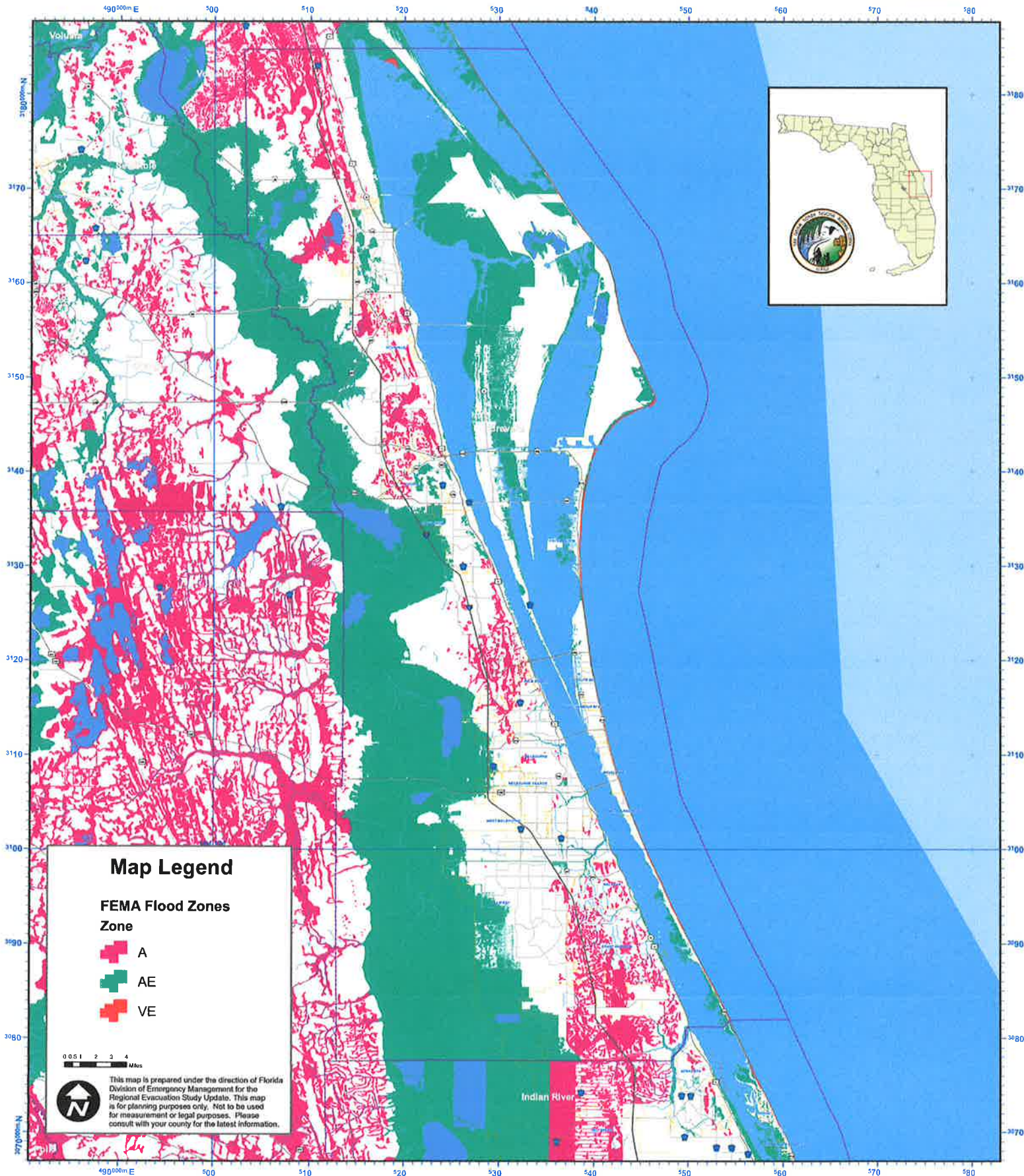
Those roadways known historically to be vulnerable from freshwater flooding have been identified by the county and municipal emergency management/law enforcement/ emergency response personnel. These routes, including those which were inundated or forced to close during recent flooding events or are within a 100 Year Flood Plain as identified by FEMA, are presented in a map below.



Brevard County

Map E3 FEMA Flood Zones (FIRM)

2016 Evacuation Study Summary Update



Map Legend

FEMA Flood Zones

- A
- AE
- VE

0 0.5 1 2 3 4 Miles



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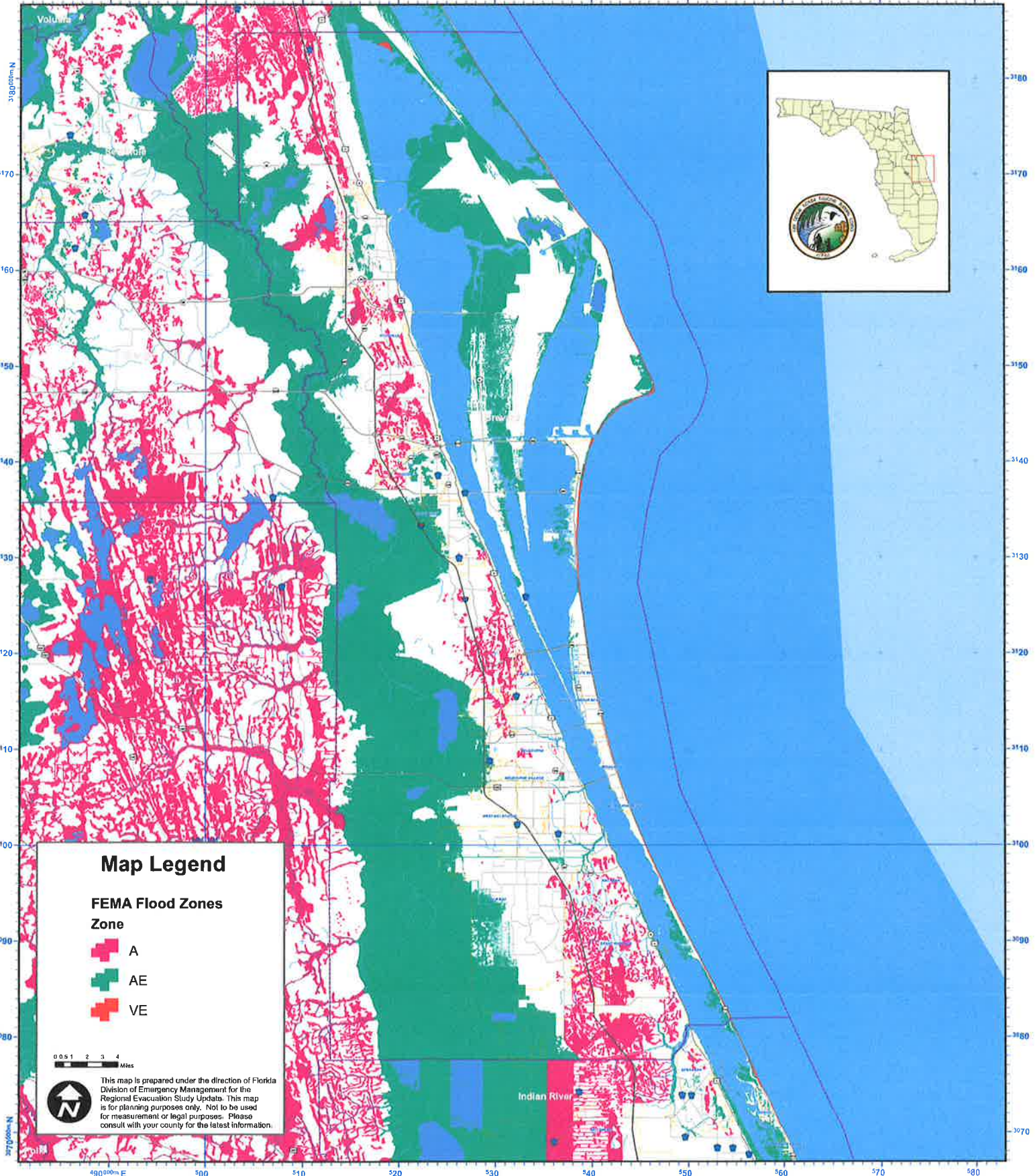


Brevard County Map E3 FEMA Flood Zones (FIRM)

2016 Evacuation Study Summary Update



490 000m E 500 510 520 530 540 550 560 570 580



Map Legend

FEMA Flood Zones

Zone

-  A
-  AE
-  VE

0 0.5 1 2 3 4 Miles



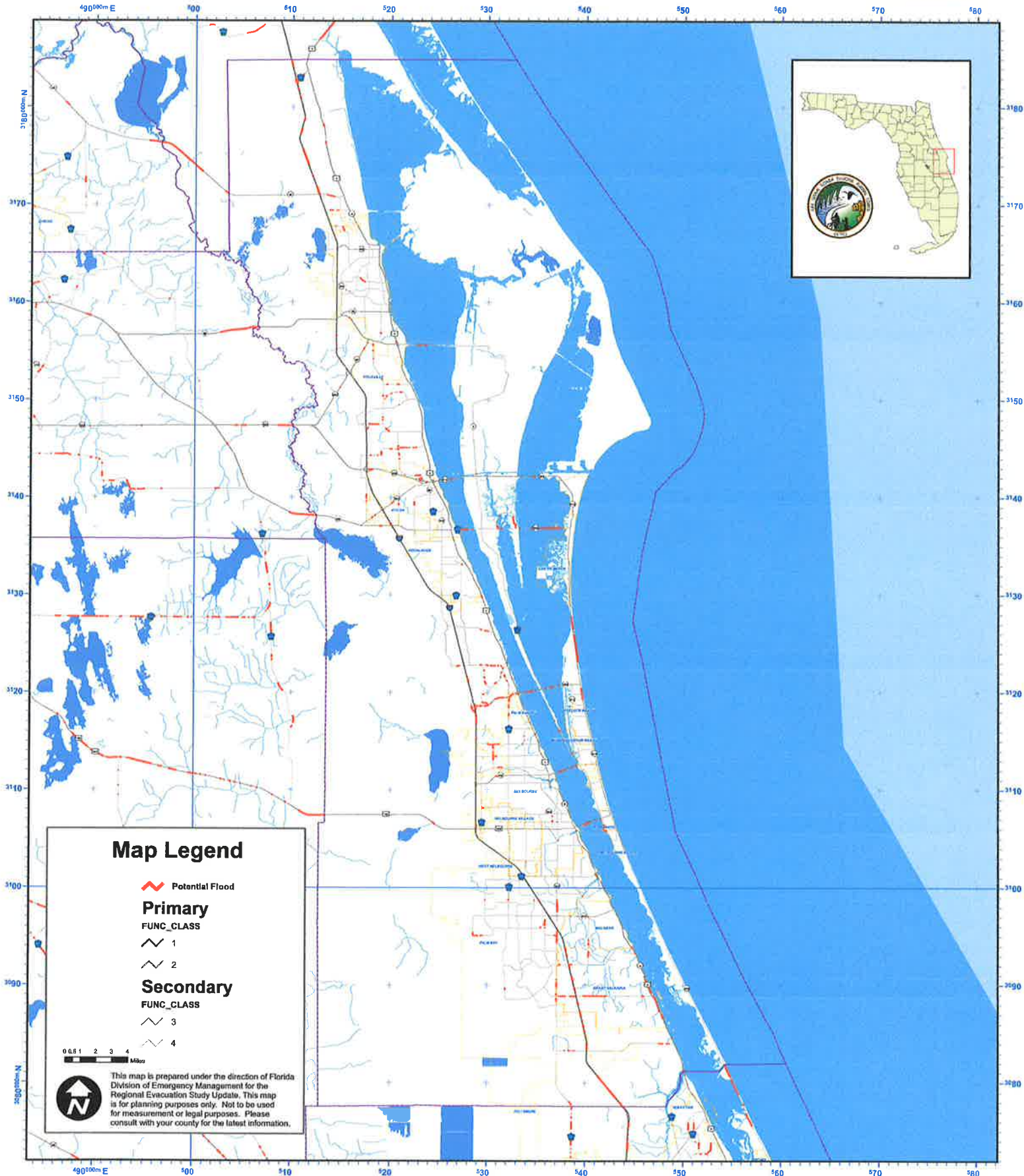
This map is prepared under the direction of Florida Division of Emergency Management for the Regional Evacuation Study Update. This map is for planning purposes only. Not to be used for measurement or legal purposes. Please consult with your county for the latest information.

Indian River



Brevard County Map E4 Flooded Roadways

2018 Evacuation Study Summary Update



Map Legend

- Potential Flood
- Primary**
- FUNC_CLASS
- 1
- 2
- Secondary**
- FUNC_CLASS
- 3
- 4

0 0.5 1 2 3 4 Miles

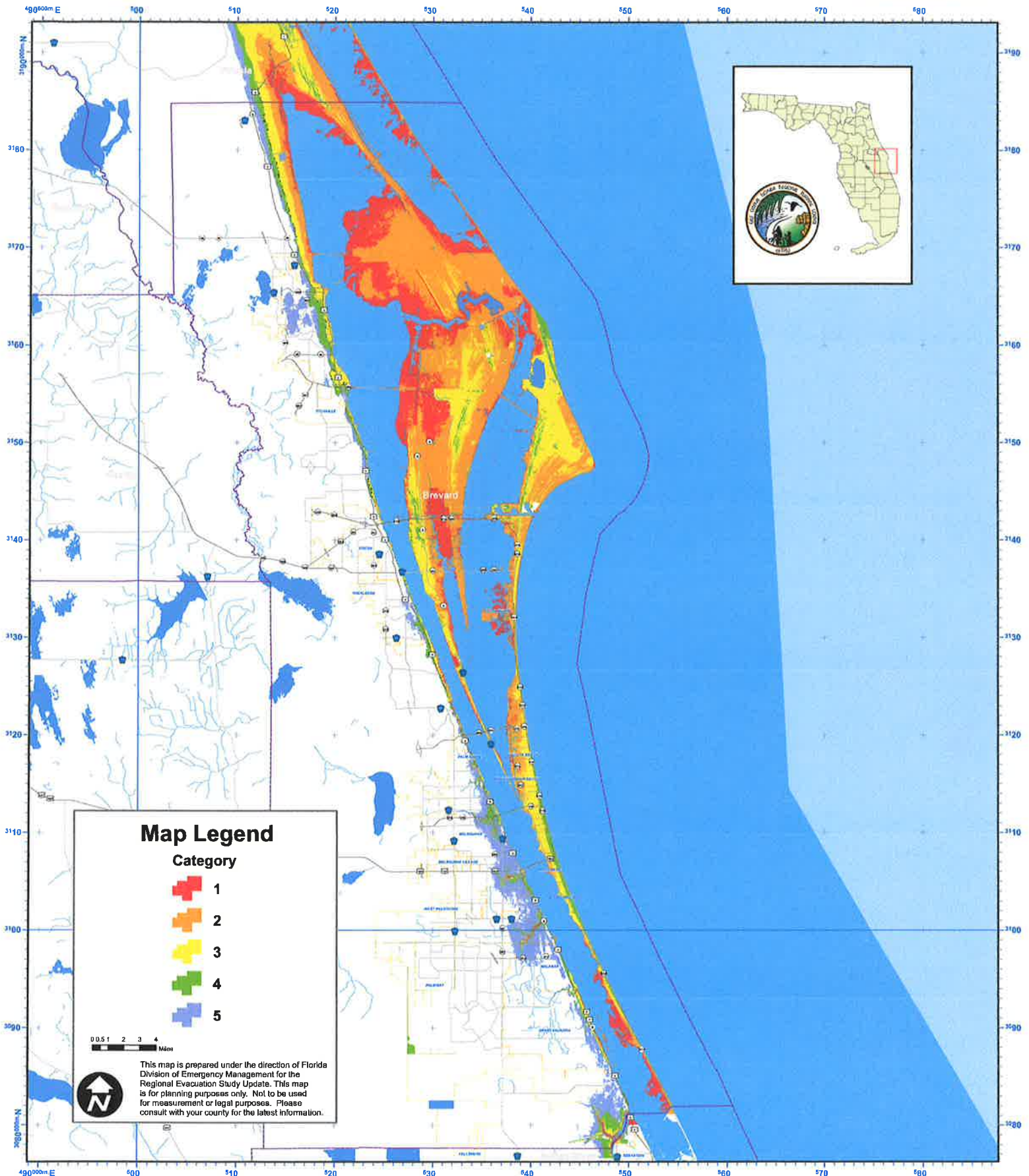
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Brevard County

Map E1 Storm Tide Surge Zones

2016 Evacuation Study Summary Update



Map Legend

Category

-  1
-  2
-  3
-  4
-  5

0 0.5 1 2 3 4 Miles



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Those roadways known historically to be vulnerable from freshwater flooding have been identified by the county and municipal emergency management/law enforcement/ emergency response personnel. These routes, including those which were inundated or forced to close during recent flooding events or are within a 100 Year Flood Plain as identified by FEMA, are presented in a map below.

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Prichett,

Thank you for your time, I hope you and yours are alright after the Hurricane. I am contacting you regarding an Application to increase the zoning and density for 6345 S Hwy A1A, Melbourne Beach. The zoning change request will be before the County Commission October 6, 2022.

The property at 6345 Hwy A1A is currently zoned RR-1 for Single Family Residential Oceanfront. The request is to Up-Zone the lot to RU-2-4, Low Density Multi-family.

A change in zoning would increase the density against a mandate by FEMA which was established for Public Safety since we are in a Coastal High Hazard Zone with limited evacuation options.

When a zoning change is requested, it must be decided if the change protects the public, if it is fair, is it reasonable and is it needed. The Commissioners have a lot of information to process whenever the issue comes up. We know that, and are sympathetic to the pressure you are under.

Years ago, FEMA made a decision to protect the Public by reducing future density in the South Beach area. The South Beach Area extends south 10 miles from Crystal Lakes to the Inlet. Any multi-family properties there are in the South Beach area were grandfathered in with the understanding that no more were to be built.

The South Beach area lies 26 miles between Causeways, 14 miles from the nearest Hospital. A1A is a 2 lane road with no shoulder, no turn lane, no parallel roads. It is difficult to even pull over when emergency vehicles speed down A1A.

The Taxpayer cost for infrastructure and a new Causeway was considered a non-starter.

With no plans to build a new Causeway, decreasing density was the only path forward. So FEMA down-zoned all the lots in the South Beach Area to RR-1 Single Family Homes.

Since the down-zoning occurred, one property owner after another honored the FEMA mandate and built single family homes in the South Beach Area. The South Beach Area has become exactly what FEMA had in mind. Resulting in a sea of well planned Single Family Homes and communities. It is a success story.

This up-zoning request does not protect the public. It is not fair to the other lot owners that honored FEMA and built a single family home. It is not

reasonable to increase the density in an area that FEMA determined to be unsafe to do so. Lastly, a zoning change is not needed.

Please oppose the change in zoning and let the RR-1 zoning stand.

Thank you for listening,

Respectfully,

Michael Segó Sr
123 Cardinal Dr
Melbourne Beach, Fl 32951
[email: mikefs@gmail.com](mailto:mikefs@gmail.com)

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Sorry.

My address is 6236 Treetop Drive
Melbourne Beach, FL 32951
954-540-3634

Mary Jane Patterson

On Wednesday, October 5, 2022 at 04:19:26 PM EDT, mary jane patterson
<a1apetsitters@bellsouth.net> wrote:

I am opposing this zoning change and here are my reasons:

- 1) Owner bought in 2013 knowing that the property was RR-1, single family zoned. There is no hardship that justifies this zoning change verses just increasing owner's profit.
- 2) Enrichment of one person verses the opposition of many hundreds who believe they will be harmed, for whatever reason. No reason is trivial if it bothers you.
- 3) Increasing density between Mel Bch and the Inlet violates the stated GOAL of the Comprehensive Plan filed with the State of Florida (FUTURE LAND USE ELEMENT, Administrative Policy 3, Criteria: C. 1,2 and 3).
- 4) Regardless of the technology used, increasing density by 4 times causes 4 times the amount of drain-field sewerage leaching into Indian River Lagoon, contrary to the \$400 million Save Our Lagoon Program.
- 5) Irreversible Presidencies of Creeping – This rezoning is the front-runner of an assault of multi-family density sprawling and is irreversible. Its what happened in Ft. Myers for the last 25 years leaving many Hurricane Ian evacuees on the west coast barrier islands with no way to get out in time. The same can happen here.
- 6) Creeping of multi-family may cause devaluations and reversal of 24-year single-family homes success story.
- 7) Creeping of multi-family will change the nature of the Archie Carr National Wildlife Reserve and impact turtle nesting.

Mary Jane Patterson

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Dear Commissioners. Please know that I wholeheartedly oppose the rezoning of 6345 S A1A, Melbourne Beach, from a single family residential zoning to multi-family.

I've lived in the barrier island of Melbourne Beach for over 28 years. I have never seen such development as I have in the past two years. The traffic is worrisome on A1A with numerous traffic fatalities every year.

With the recent hurricane devastation on the west coast of Florida I can't imagine that anyone in their right mind would want to increase the density of single family residential lots.

Think about the residents. Think about the fragile environment of the Indian River Lagoon. Let's not let profits override the quality of life on our special area of Brevard County.

Listed here are the critical reasons to oppose this rezoning:

- 1) The current owner bought the property in 2013 knowing that the property was RR-1, single family zoned. There is no hardship that justifies this zoning change.
- 2) Increasing density between Mel Bch and the Sebastian Inlet violates sections of the Comprehensive Plan filed with the State of Florida.
- 3) Increasing density causes 4 times the amount of drain-field sewerage leaching into Indian River Lagoon, contrary to the \$400 million Save Our Lagoon Program.
- 4) Creeping of multi-family will cause devaluations and reversal of 24-year single-family homes success story.
- 5) Creeping of multi-family will change the nature of the Archie Carr National Wildlife Reserve and the degradation of the turtle population.
- 6) Many Hurricane Ian evacuees on the west coast could not get out because of the density of the multi-family building's residents on the barrier islands.

Do the right thing for our community and for Florida. Vote against rezoning this land parcel.

Thank you,
Nancy Blair
160 Flamingo Drive
Melbourne Beach

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

I oppose the subject rezoning, as I believe:

1. There is no hardship or valid reason to do so
2. There is no sewer access and therefore the negative impacts of septic tanks is 4 fold
3. Hurricane Ian has proven (again) that over development of barrier islands is foolish on many levels

Thank You
Charles Cain
309 Surf Rd
Melbourne Beach

Chase, Beatrice Mae

From: Jones, Jennifer
Sent: Thursday, October 6, 2022 10:53 AM
To: Chase, Beatrice Mae
Subject: Fwd: Rezoning of 6345 S A1A, Melbourne Beach, from Single Family Residential to Multifamily

Begin forwarded message:

From: "Commissioner, D5" <D5.Commissioner@brevardfl.gov>
Date: October 6, 2022 at 10:45:05 AM EDT
To: "Jones, Jennifer" <jennifer.jones@brevardfl.gov>
Subject: FW: Rezoning of 6345 S A1A, Melbourne Beach, from Single Family Residential to Multifamily

From: Nancy Blair <nblair321@aol.com>
Sent: Wednesday, October 5, 2022 8:54 PM
To: Commissioner, D1 <D1.Commissioner@brevardfl.gov>; Commissioner, D1 <D1.Commissioner@brevardfl.gov>; Commissioner, D2 <D2.Commissioner@brevardfl.gov>; Commissioner, D3 <d3.commissioner@brevardfl.gov>; Commissioner, D4 <D4.Commissioner@brevardfl.gov>; Commissioner, D5 <D5.Commissioner@brevardfl.gov>
Subject: Rezoning of 6345 S A1A, Melbourne Beach, from Single Family Residential to Multifamily

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2) Increasing density between Mel Bch and the Sebastian Inlet violates sections of the Comprehensive Plan filed with the State of Florida.

3) Increasing density causes 4 times the amount of drain-field sewerage leaching into Indian River Lagoon, contrary to the \$400 million Save Our Lagoon Program.

4) Creeping of multi-family will cause devaluations and reversal of 24-year single-family homes success story.

5) Creeping of multi-family will change the nature of the Archie Carr National Wildlife Reserve and the degradation of the turtle population.

6) Many Hurricane Ian evacuees on the west coast could not get out because of the density of the multi-family building's residents on the barrier islands.

Do the right thing for our community and for Florida. Vote against rezoning this land parcel.

Thank you,
Nancy Blair
160 Flamingo Drive
Melbourne Beach

Chase, Beatrice Mae

From: Jones, Jennifer
Sent: Thursday, October 6, 2022 10:52 AM
To: Chase, Beatrice Mae
Subject: Fwd: Reasons why I oppose the zoning changes in Melbourne Beach

Begin forwarded message:

From: "Commissioner, D5" <D5.Commissioner@brevardfl.gov>
Date: October 6, 2022 at 10:45:22 AM EDT
To: "Jones, Jennifer" <jennifer.jones@brevardfl.gov>
Subject: **FW: Reasons why I oppose the zoning changes in Melbourne Beach**

From: Krissy Willer <kwiller@sorensenrealestate.com>
Sent: Thursday, October 6, 2022 10:42 AM
To: Commissioner, D5 <D5.Commissioner@brevardfl.gov>
Subject: Reasons why I oppose the zoning changes in Melbourne Beach

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

I have lived in this area for 35 years. I have seen a lot of changes but changing the zoning to allow more multi-family buildings will not be good for this area. I am a Realtor and I still don't want this in Melbourne Beach. There is a reason why this area is so special like no other place and we would all like to keep it this way. Here are the main reasons why we oppose the zoning changes:

- 1) Owner bought the property in 2013 knowing that the property was RR-1, single family zoned. There is no hardship that justifies this zoning change.
- 2) Increasing density between Mel Bch and the Inlet Violates sections of the Comprehensive Plan filed with the State of Florida.
- 3) Increasing density causes 4 times the amount of drain-field sewerage leaching into Indian River Lagoon, contrary to the \$400 million Save Our Lagoon Program.
- 4) Creeping of multi-family will cause devaluations and reversal of 24-year single-family homes success story.

5) Creeping of multi-family will change the nature of the Archie Carr National Wildlife Reserve and the degradation of the turtle population.

6) Many Hurricane Ian evacuees on the west coast could not get out because of the density of the multi-family building's residents on the barrier islands.

I will be at the meeting tonight and I hope you all understand why we DO NOT want this to pass.

Krissy Willer
REALTOR® SRES®

Your Local Trusted Advisor

https://www.youtube.com/watch?v=o0gCfh6--Bs&ab_channel=KrissyWiller

Dale Sorensen Real Estate

THE RIGHT MOVE

436 Fifth Avenue • Indialantic, FL 32903

email: kwiller@sorensenrealestate.com

website: <https://kwiller.sorensenrealestate.com/>

cell: 321.432.4807

office: 321.723.9990 ext 2418

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Chase, Beatrice Mae

From: Jones, Jennifer
Sent: Thursday, October 6, 2022 10:52 AM
To: Chase, Beatrice Mae
Subject: Fwd: Commission Meeting 10/6/22 Zoning Change Application 6345 S Hwy A1A Melbourne Beach

Begin forwarded message:

From: "Commissioner, D5" <D5.Commissioner@brevardfl.gov>
Date: October 6, 2022 at 10:44:58 AM EDT
To: "Jones, Jennifer" <jennifer.jones@brevardfl.gov>
Subject: FW: Commission Meeting 10/6/22 Zoning Change Application 6345 S Hwy A1A Melbourne Beach

From: dccapemay@aol.com <dccapemay@aol.com>
Sent: Wednesday, October 5, 2022 7:22 PM
To: Commissioner, D5 <D5.Commissioner@brevardfl.gov>
Subject: Commission Meeting 10/6/22 Zoning Change Application 6345 S Hwy A1A Melbourne Beach

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Dear Commissioner Zonka,

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Please oppose the change in zoning and let the RR-1 zoning stand.

Thank you for listening,

Respectfully,

Michael Segó Sr
123 Cardinal Dr
Melbourne Beach, Fl 32951
[email: mikefs@gmail.com](mailto:mikefs@gmail.com)

Chase, Beatrice Mae

From: Jones, Jennifer
Sent: Thursday, October 6, 2022 10:51 AM
To: Chase, Beatrice Mae
Subject: Fwd: Rezoning of 6345 S. Highway A1A

Begin forwarded message:

From: "Commissioner, D5" <D5.Commissioner@brevardfl.gov>
Date: October 6, 2022 at 10:44:38 AM EDT
To: "Jones, Jennifer" <jennifer.jones@brevardfl.gov>
Subject: **FW: Rezoning of 6345 S. Highway A1A**

From: rel2421@aol.com <rel2421@aol.com>
Sent: Wednesday, October 5, 2022 4:21 PM
To: Commissioner, D5 <D5.Commissioner@brevardfl.gov>
Subject: Rezoning of 6345 S. Highway A1A

[EXTERNAL EMAIL] DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.

Dear Commissioner Zonka,

I am a property owner and resident of south beaches. I am opposed to rezoning of the subject property. This proposed increase in zoning from a single family zoning to Multifamily zoning appears to violate the future land use and comprehensive plan filed with the state of Florida. Please do not allow the property owners selfish interest to affect the existing approved density. South beaches can not support the increase in density of multi family zoning on single family zoned properties.

Robert Logsdon
9020 S Highway A1A
Melbourne Beach, Fl. 32951