



Memorandum

Memorandum No: 21-059

Date: June 23, 2021

To: Honorable Mayor and Commissioners

From: Chris Lagerbloom, ICMA-CM, City Manager

Re: McNab Bridge Replacement & Raising Project

The McNab Bridge is located on McNab Road just east of South Cypress Road in the City of Pompano Beach. The bridge is just north of the City of Fort Lauderdale city limit and is vital to the transportation network for both municipalities.

In 2015, the Florida Department of Transportation (FDOT) confirmed that the McNab Bridge is “functionally obsolete,” which implies the bridge does not have adequate lane widths, shoulder widths, or vertical clearances to serve current traffic demands, or that the bridge approaches may be occasionally flooded. The results of most recent studies prompted the City of Pompano Beach to replace the bridge and make the necessary roadway improvements. During initial public outreach efforts, the City of Pompano Beach met with residents from both, Fort Lauderdale and Pompano Beach. The residents requested that the bridge to be raised to allow larger vessels to navigate the narrow channel and allow them to reach the Intracoastal Waterway.

The City of Pompano Beach’s design engineer, Kimley-Horn, analyzed options to raise the bridge. Without changing existing topographical conditions to any of the properties adjacent to the bridge, the engineer established that the bridge’s clearance could be raised up to 1.25’. However, the public, particularly Fort Lauderdale residents, insisted on raising the bridge by 4’, which is the added clearance that was deemed necessary to permit larger vessels to pass underneath. The engineer evaluated options to meet the demand and found that the added costs to use taller piles would be approximately \$500,000.

The City of Pompano Beach utilized Lambert Advisory, LLC to conduct an economic benefit assessment to better understand the return on investment for raising the bridge. The assessment identified that raising the bridge would have a substantial long-term financial benefit for both municipalities through an increased incremental tax revenue.

The City of Pompano Beach requested that the City of Fort Lauderdale fund \$500,000 towards the project which will include raising the bridge by 4’. The construction is scheduled to start in February 2022 with a 14-month timeline. The estimated cost to replace and raise the bridge is \$6,615,625.

Currently, the municipalities are drafting an Interlocal Funding Agreement to memorialize the terms and conditions of the financial contribution. The agreement will define the City of Fort Lauderdale's role as a funding source and define the City of Pompano Beach as the project manager who assumes all project risks and future maintenance responsibilities. City of Fort Lauderdale staff anticipates that the agreement will be presented for Commission consideration in October 2021. The preliminary FY2022 budget identifies a \$500,000 contribution to the project.

For further information, please contact Ben Rogers, Director of Transportation and Mobility, at brogers@fortlauderdale.gov.

Attachments:

1. Preliminary Opinion of Probable Cost
2. Economic Benefit Assessment
3. Navigational Needs Study
4. Location Map

c: Greg Chavarria, Assistant City Manager
Tarlesha W. Smith, Esq., Assistant City Manager
Alain E. Boileau, City Attorney
Jeffrey A. Modarelli, City Clerk
John C. Herbst, City Auditor
Department Directors
CMO Managers



PRELIMINARY OPINION OF PROBABLE COST

Project: 19357-McNab Road Bridge Replacement

Date: 10/24/2019

KHA No: 44203010

Location: Pompano Beach, Florida

<u>Item No.</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Value</u>
<i>General Conditions</i>					
1	Mobilization	1	LS	\$ 400,000.00	\$ 400,000.00
2	Maintenance of Traffic	1	LS	\$ 450,000.00	\$ 450,000.00
3	Clearing and Grubbing	1	LS	\$ 90,000.00	\$ 90,000.00
Subtotal:					\$ 940,000.00
<i>Civil Site</i>					
4	Roadway	1	LS	\$ 142,500.00	\$ 142,500.00
5	Drainage / utilities	1	LS	\$ 225,000.00	\$ 225,000.00
6	Electrical and Lighting	1	LS	\$ 115,000.00	\$ 115,000.00
7	Landscaping & Irrigation	1	LS	\$ 20,000.00	\$ 20,000.00
8	Bridge Components	1	LS	\$ 3,500,000.00	\$ 3,500,000.00
9	Bridge Aesthetics	1	LS	\$ 350,000.00	\$ 350,000.00
Subtotal:					\$ 4,352,500.00
Subtotal:					\$ 5,292,500.00
25% Contingency:					\$ 1,323,125.00
Total Construction Cost:					\$ 6,615,625.00

Notes:

1. The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

Technical Memorandum

To: City of Pompano Beach
From: Lambert Advisory, LLC
Date: October 2020
Subject: McNab Road Bridge & 18th Avenue Bridge Economic Benefit Assessment

Executive Summary

Lambert Advisory (Lambert) has completed its economic benefit assessment for a proposed improvement to the McNab Road Bridge located at the 1800 block of McNab Road in the City of Pompano Beach.

The assessment herein considers two key alternative improvement options for the McNab Road bridge:

- 1.) *Raise the McNab Road Bridge 4 feet:* This improvement option considers the economic impacts associated with raising the bridge from approximately 7 feet (mean high tide) to 11 feet (mean high tide), or a 4 foot net increase in height. Specifically, the analysis herein identifies any potential value appreciation to residential and commercial parcels directly affected by the bridge and right-of-way enhancements and the resultant incremental tax revenue that may be generated. Furthermore, the analysis will also determine the extent to which value appreciation may accrue to the surrounding commercial and residential properties in the City of Pompano Beach, as well as to those residential properties within the City of Fort Lauderdale immediately to the south.
- 2.) *Raise the McNab Road Bridge 1 foot:* Utilizing the same methodology outlined above, this analysis will identify any resultant economic impacts (incremental ad valorem tax revenue) if the Bridge improvements are limited to approximately 1 foot. However, in this case, there will be limited proposed property/right-of-way improvements to the select parcels bounding the bridge.

In addition to the assessment of improving and raising the McNab Road bridge, we have also completed a similar analysis for the prospective plan to raise the 18th Avenue Bridge situated to the southwest of the McNab Road bridge. In either case, the assessment of benefit herein has two primary focal points for addressing the property value impacts noted above, including: a.) the value impact that bridge/streetscape improvements have on surrounding waterfront and non-waterfront properties; and, b.) additional value impact that the bridge heightening has on waterfront properties.

The body of this technical memorandum provides the detailed methodology, limiting conditions, research, and analysis undertaken as part of this engagement. Below, is a summary of economic benefit findings for both McNab Road bridge and 18th Avenue bridge.

McNab Road Bridge

The following table provides a summary of the incremental taxable value increase and incremental tax revenue to the City of Pompano Beach and City of Fort Lauderdale considering both a 4 foot and 1 foot heightening:

Figure 1: Summary of Economic Benefit from McNab Road Bridge Improvements (4 foot and 1 foot Height Increase)

	4 FOOT HEIGHTENING		1 FOOT HEIGHTENING	
	Incremental Assessed Value (moderate/upper)	Incremental Tax Revenue (moderate/upper)	Incremental Assessed Value (moderate/upper)	Incremental Tax Revenue (moderate/upper)
Pompano Beach	\$4.1M - \$9.8M	\$25,000 - \$60,000	\$1.7M - \$5.1M	\$10,000 - \$31,000
Ft. Lauderdale	\$3.2M - \$7.4M	\$14,000 - \$32,000	\$1.0M - \$3.0M	\$4,000 - \$13,000
Total	\$7.3M - \$17.2M	\$39,000 - \$92,000	\$2.7M - \$8.1M	\$14,000 - \$44,000
	NPV – 30 Yr. (Pompano Beach):	\$360,000 - \$860,000	NPV – 30 Yr. (Pompano Beach):	\$200,000 - \$446,000

As summarized above, and for City of Pompano Beach, specifically, the total assessed value of the properties affected by the proposed improvements assuming a 4 foot heightening increases by a range of \$4.1M million to \$9.8 million, resulting in an estimated **\$25,000 (moderate) to \$60,000 (upper) in annual incremental tax revenue**. Assuming this revenue could be leveraged for bond (or other long-term) financing over a 30-year period,¹ the net present value (NVP) is in the range of **\$360,000 to \$860,000**. At a 1 foot height increase, the **NPV** is estimated to be in the range of **\$200,000 to \$446,000**.

18th Avenue Bridge

The following table provides a summary of the incremental taxable value increase and incremental tax revenue to the City of Pompano Beach and City of Fort Lauderdale for a 1 foot heightening. Importantly, the analysis herein removes any overlapping

¹ Assumes 8.0 percent discount factor and 2.5 percent annual escalation

properties that received an incremental increase as a result of the McNab Road bridge improvement.

Figure 2: City of Pompano Beach & City of Fort Lauderdale – Estimated Annual Incremental Value and Tax Revenue Analysis (from Proposed 18th Avenue Bridge 1 Foot Heightening)

	Incremental Assessed Value (moderate/upper)	Increment Tax Revenue to City (moderate/upper)
Pompano Beach		\$2,000 - \$6,000
Ft. Lauderdale	<u>\$636K - \$1.9M</u>	<u>\$2,800 - \$8,300</u>
Total	\$963K – \$2.8M	\$4,800 – \$14,300

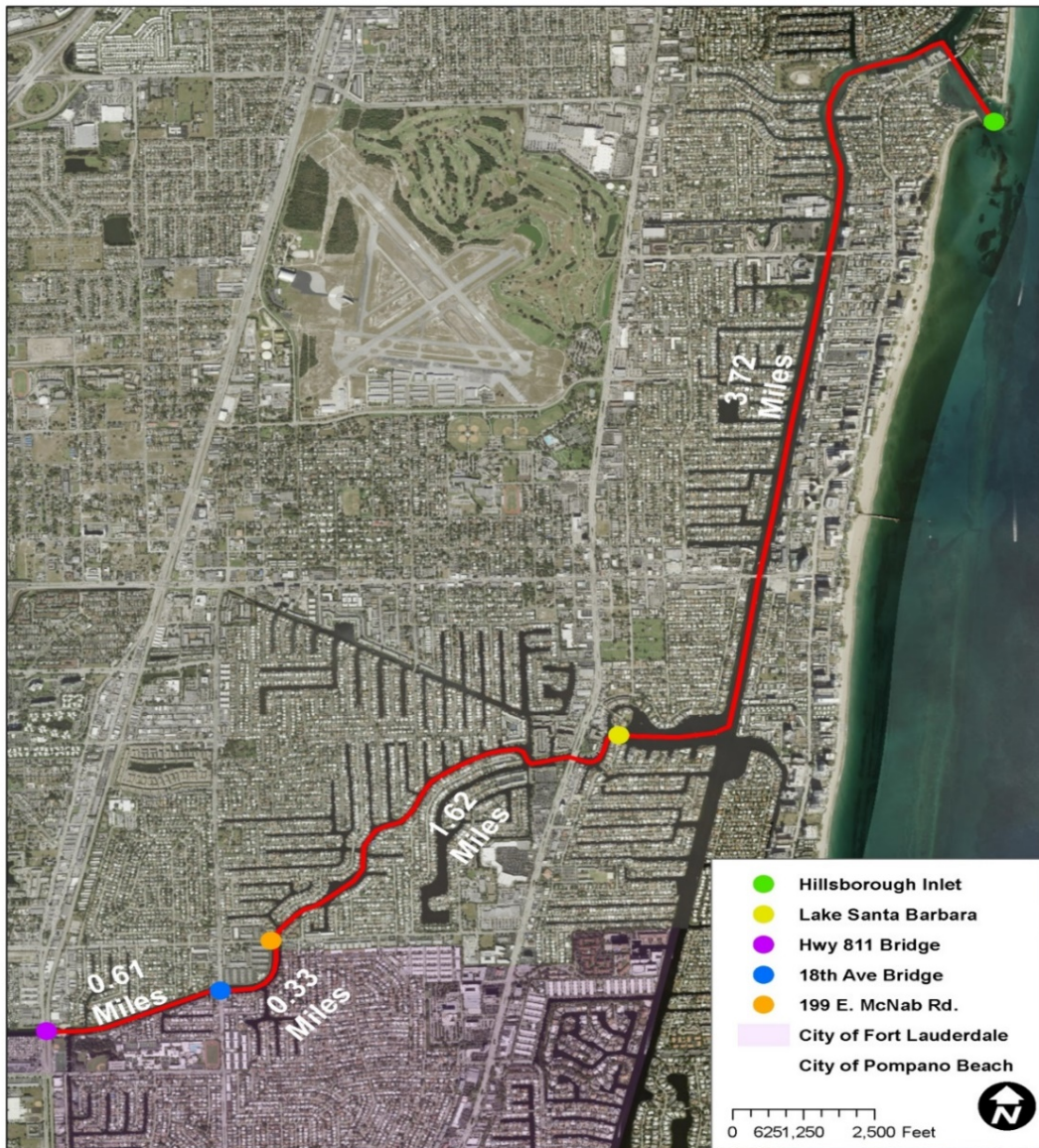
Methodology & Limiting Conditions

There are several key principals that underlie the methodology, analysis and findings within this document: first, the basis for deriving fundamental assumptions and economic modeling inputs is founded upon a literature review of more than fifteen independent documents which are listed in the Appendix (Bibliography) to this memorandum. However, there are always variations that exist between the investment programming, physical composition, regulatory environment, economic conditions and other factors that underlie the comparison between any two areas such as Pompano Beach and other communities observed as part of this process. Therefore, a detailed comparison of similarities and/or differences between these communities was not conducted as part of this analysis; rather, the studies and analysis were utilized to provide a base understanding of impacts from which to draw rationale conclusions. Additionally, at this point, the timing and scheduling of the city's proposed bridge improvements are generally undefined and, as a result, certain economic benefits (such as private investment and/or impact on property values) may be affected by future land use regulation, zoning, and/or other regulatory measures that affect growth. Finally, Lambert has not independently verified the any improvement costs, and/or scheduling associated with the city's proposed bridge improvements, and any change in these program assumptions may have a material impact on the findings herein.

Section 1: Geographic Context

The McNab Road bridge is located in southern edge of the City of Pompano Beach, with City of Fort Lauderdale bordering to the south. The bridge is located roughly $2.0 \pm$ miles from the Intracoastal waterway, and $5.3 \pm$ miles from Hillsborough Inlet. The 18th Avenue bridge is located approximately $2/3^{\text{rd}}$ of a mile from McNab Road bridge.

Figure 3: McNab Road Bride, 18th Ave, Bridge and 811 Hwy Bridge – Distance to Open Waterways



Section 2: Assessing the Impacts of Bridge & Roadway Capital Improvements

As set forth in Executive Summary above, there are significant challenges to assessing the impact of bridge heightening (and/or associated roadway improvements) and, particularly, as it relates to a case study/benchmark assessment of comparable capital improvement activities in other locations – absent a very comprehensive evaluation that is beyond the scope or work undertaken herein. As a matter of fact, it is parallel to the challenges faced in a similar study previously completed for the City and referred to as the *Pompano Beach G.O. Bond Economic Impact Assessment* completed in 2018.

In that study, we reviewed numerous documents which measured how roadway, bridge and/or streetscape improvement projects contributed to economic benefits for the surrounding community. Based upon those findings, we focus on one core benefit that applies to the analysis herein: the impact on surrounding property values as a result of the proposed bridge and roadway improvements to both McNab Road bridge and 18th Avenue bridge. Moreover, it is worth noting that as part of the research for the G.O. Bond study, there was no shortage of qualitative discussion of how improved bridge/streetscapes may affect property values that may benefit from better traffic flow, safer bicycle and pedestrian movement and/or enhancements to right-of-way and ingress/egress to abutting properties. On the other hand, quantitative analyses of the economic benefits of improved roadway/streetscape projects, was considerably less. Nonetheless, included in the Appendix is a detailed list (Bibliography) of the literature review documentation, including new information from research completed as part of this study.

As it relates specifically to an analysis of impacts on properties surrounding the McNab Road bridge (and 18th Avenue bridge), there are two primary focal points for addressing property value impacts, including: a.) Value Impact from Bridge/Streetscape Improvements on Surrounding Waterfront and Non-waterfront Properties ; and, b.) Additional Value Impact on Waterfront Properties from Bridge Heightening. Considering these two focal points, the assessment herein is separated into individual sections each for McNab Road and 18th Avenue Bridge – starting with McNab Road bridge.

MCNAB ROAD BRIDGE

A. Value Impact from Bridge/Streetscape Improvements on Surrounding Waterfront and Non-waterfront Properties

The improvements to the McNab Road bridge contemplate not only a potential heightening, but improvements to the right-of-way extending east and west of the bridge including streetscaping, improved ingress/egress to select properties and enhanced mobility. Utilizing the research and methodology that applied to the City's G.O. Bond

economic assessment study above, the impact from bridge/roadway/streetscape improvements on surrounding properties focuses on two key variables:

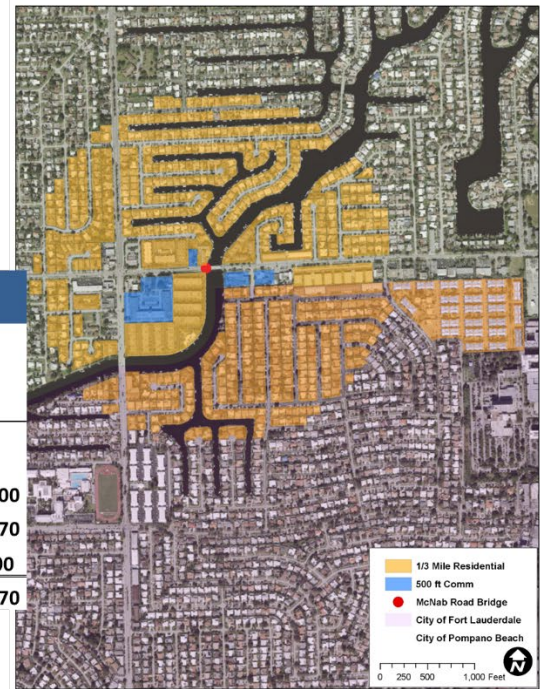
- 1.) *Area of Impact:* The most significant radius of influence on residential properties extends roughly 1/3rd of a mile (1,760 feet) around the improved roadway/bridge, while a 500-foot boundary was established for office and retail incremental valuation; and,
- 2.) *Value Premium:* The value premium from roadway and related capital improvements is naturally (and highly) dependent upon the extent of the enhancements that could have widely varying effects on activities including but not limited to: mitigating roadway congestion; traffic calming; pedestrian/bicycle mobility and safety; streetscape improvements as landscaping, lighting, and medians; and/or improvements to property ingress/egress. From the literature review, the upper end of the scale tended to add upwards 25 percent incremental value to properties within 500 feet, and 10 percent to the broader area within 1/3 mile and represented by major investments in open space and/or infrastructure improvements such as Discovery Green in Downtown Houston, or Millennium Park in Chicago. At the lower end of the scale is less intensive investment in roadway and/or open space which indicate incremental premium generally ranging from as low as 1 to 5 percent at both the 500 foot and 1/3rd mile distance. Based upon our understanding of the improvements proposed for the McNab Road bridge assuming the bridge is heightened **4 feet** with additional enhancements to the right-of-way, the incremental impact on value is estimated to be in the **2 percent (moderate) range and a maximum (upper) range of 5 percent.**

However, should the bridge be raised only **1 foot**, with limited enhancements to the right-of-way, the incremental impact on value is estimated to be in the **1 percent (moderate) range and a maximum (upper) range of 3 percent.**

Based upon the methodology and incremental value metrics outlined above, an incremental value analysis has been prepared for the residential, office and retail properties surrounding the McNab Road Bridge. The following map outlines the affected parcels utilizing the Broward County GIS Database and Broward County Property Appraiser (BCPA) parcel data, along with a summary of taxable value for affected properties in both City of Pompano Beach and City of Fort Lauderdale (including homestead and non-homestead properties).

Figure 4: Map of McNab Road Bridge (Residential Parcels within 1/3 Mile & Retail/Office within 500 feet)

	Pompano		Total
	Beach	Ft. Lauderdale	
Non Homesteaded Parcels	320	241	561
Homesteaded Parcels	579	374	953
Commercial Parcels	8	NA	8
Sum	907	615	1,522
Non Homesteaded Parcels Taxable Value	\$71,580,810	\$43,201,990	\$114,782,800
Homesteaded Parcels Taxable Value	\$89,201,250	\$58,229,820	\$147,431,070
Commercial Parcels Taxable Value	\$10,177,200	NA	\$10,177,200
Total	\$170,959,260	\$101,431,810	\$272,391,070



Based upon applicable residential, office and retail parcel data extrapolated from an analysis of the BCPA property database, the table below provides a summary of the total assessed value of the impacted properties around the McNab Road bridge, with a highlight of incremental increase in assessment based upon lower and upper value premium resulting from the proposed improvements. Furthermore, the table provides a summary of the annual incremental real estate tax from these properties that will accrue to the City of Pompano Beach and the City of Fort Lauderdale based upon 2020 millage rates of 6.1069 and 4.3443, respectively.²

As summarized below, the properties impacted by the McNab Road bridge/streetscape improvements currently have a total assessed value of \$272 million – of which \$171M is in Pompano Beach. The following tables highlight the incremental tax revenue to the City of Pompano Beach and City of Fort Lauderdale under the two heightening options for the bridge.

² Note, the assessment herein does factor a modest discount to account for the fact that not all homes will realize maximum taxable value increases immediately due to the maximum 3.0 percent cap on homestead properties.

Figure 5: City of Pompano Beach & City of Fort Lauderdale – Estimated Annual Incremental Value and Tax Revenue from Proposed Bridge Improvements (at 4 feet)

	Current Total Assessed Value	Incremental Assessed Value (moderate/upper)	Increment Tax Revenue to City (moderate/upper)
Pompano Beach			\$21,000 - \$52,000
Ft. Lauderdale	<u>\$101M</u>	<u>\$2.0M - \$5.0M</u>	<u>\$9,000 - \$22,000</u>
Total	\$272M	\$5.4M – \$13.5M	\$30,000 – \$72,000

For the City of Pompano Beach, specifically, the total assessed value of the properties affected by the proposed improvements at **4 feet** increases by \$3.5M million to \$6.8 million, resulting in an estimated \$21,000 (moderate) to \$52,000 (upper) in incremental annual tax revenue to the City of Pompano Beach. At 1 foot heightening, the estimated annual tax increment revenue is between \$10,000 and \$31,000 as summarized in the following table.

Figure 6: City of Pompano Beach & City of Fort Lauderdale – Estimated Annual Incremental Value and Tax Revenue (at 1 foot)

	Current Total Assessed Value	Incremental Assessed Value (moderate/upper)	Increment Tax Revenue to City (moderate/upper)
Pompano Beach			\$10,000 - \$31,000
Ft. Lauderdale	<u>\$101M</u>	<u>\$1.0M - \$3.0M</u>	<u>\$4,000 - \$13,000</u>
Total	\$272M	\$2.7M – \$8.1M	\$14,000 – \$44,000

B. Value Impact on Waterfront Properties from Bridge Heightening

While The proposed roadway improvements associated with raising the McNab Road bridge benefits the broader residential and commercial developments in the surrounding area, an additional four feet in bridge height can prospectively provide an additional premium to waterfront homes and commercial development to the south of the bridge.

As we understand, the bridge height is currently seven (7) feet at mean high tide. Though it is extremely difficult to narrowly define the type and length and/or type of vessels that could currently fit under the bridge (at maximum high tide), we have spoken with industry professional and recreational boaters to gain some understanding of these factors and,

particularly, gain some understanding as to how much more opportunity exists for accommodating a larger number of vessels should the bridge be raised.

Under the current height, the bridge generally allows for vessels of various types including but not limited to: center-consoles up to roughly 30±' in length (depending upon type of fixed top in place) with a fixed top, but does not allow for features such as radar-arch or outriggers to be placed above the fixed top; or, cabin cruisers less than 30±' in length (with no features above a fixed top).

Raising the McNab Road bridge an additional four (4) feet (or a total 11 foot clearance) would certainly provide for a greater range of boat volume capable of accessing the open waterways to the east for those residences south of the bridge. This would likely include larger center-console or cabin cruiser vessels greater than 40'. However, it would not allow for vessels such as a sport-fisherman (at least those greater than 30±') to clear the bridge – which is a vessel type that is prevalent in the South Florida boating market.

Nonetheless, the fact is that a four (4) foot increase does provide opportunities for larger vessels which then leads to a core question for this study to answer: *how does the expanded potential for larger boats impact property values?*

In the effort to answer this question, we followed the same methodology as outlined above in pursuing literature review on this subject. However, the fact is, the question of impacts specifically from raising a bridge is even more unique than obtaining information on more generalized roadway/streetscape improvements. Nevertheless, and as part of this effort, we identified a case study example of a capital improvements project in St. Petersburg, Florida that targets new construction to the 40th Avenue NE Bridge.

In August of 2017, a site inspection of the bridge uncovered serious deterioration and “hidden” structural issues” which eventually led to the City developing the 40th Avenue NE Bridge capital improvements project. At an estimated cost of \$7.8 million, the construction of the bridge is scheduled to begin in the 4th Quarter of 2020. The project focuses on three key factors: use safety, accessibility and aesthetics. The project includes increasing the height bridge by five feet as well as provide for pedestrian and bicycle paths.

Regarding accessibility, the bridge separates the subdivisions of Shore Acres to the north from the subdivision of Snell Isle to the south. Under current conditions, boat owners on the south side of the bridge (Snell Isle) have deep water access via bayous and deep-water canals leading to Tampa Bay. Boat owners on the north side of the bridge also have deep water access but are limited as to the size of boat that can maneuver under the bridge at high tide. Consequently, some boat owners living on the north side of the

bridge would have to wait for low tide in order to return to their boat dock, which at times contributed to significant inconveniences.

Over the course of numerous public meetings there was a line of reasoning, that increasing the height of the bridge would increase property values for homes on the north side of the bridge. However, all of the points put forth were based on qualitative assumptions including commentary from:

Pinellas County Property Appraiser's office – "it is possible that the new bridge will increase property values north of the span. As a general rule, the values are definitely higher on the south than the north," he said. "I think if you can get bigger boats in there, it could have an effect."

Former Chair of the Florida Real Estate Appraisal Board – was not sure that there will be a "huge" effect on the approximately 500 waterfront homes north of the bridge." It will enable those on the water to have slightly larger boats, but as to whether it's going to be a significant increase, I don't know. However, there could be a negative effect to home owners on either end of the bridge where the deck height is going to be slightly higher and that's not going to be beneficial "

Chairman of the Pinellas Realtor Organization –the new bridge "is probably going to positively affect the values of everybody simply because it's a new bridge and it enhances the look coming into the neighborhood, but to create a building boom, no." "People don't buy homes to park a big boat," he said. "They buy homes because they want to live on the water. The amount of properties this would affect is minimal. The difference in the size of boats that they are going to be able to accommodate is negligible in value."

Though limited insight was obtained from the literature review, another method of assessing the impact on water-front property value from restrictive structures was undertaken and represents a comparative assessment of property values within Pompano Beach within which a waterfront residential neighborhood is bifurcated by a fixed bridge and for which access to open water is potentially restricted on one side of the neighborhood.

As part of this process, the initial step is to identify the waterfront properties that are directly affected by the potential height increase of the McNab Road bridge; or, those homes south of McNab Road bridge and east of the 18th Avenue bridge - which is even more restricted with a height of __ feet (mean high tide). Even if the 18th Avenue bridge is potentially raised an additional 1 foot as proposed, this limited bridge heightening is deemed to have a marginal effect on increased demand for larger vessels – at least compared to a 4 foot increase.

In light of this, there are 393 waterfront residential parcels between the McNab Road bridge and 18th Avenue bridge and 258 of them are in Pompano Beach comprising all condominiums and 1 commercial use. The commercial building represents a waterfront dining establishment for which the current bridge height is reportedly an impediment to supporting a greater base of visitor demand from larger vessels. These properties are highlighted in the following map.

Figure 7: Map of Waterfront Tax Analysis Between McNab and 18th Ave Bridges



Based upon the BCPA database, the total residential taxable value in Pompano Beach for these parcels is \$20.8 million and the total commercial taxable value in Pompano Beach is \$1.1 million. The total residential and commercial taxable value for this area in both Pompano Beach and Ft. Lauderdale combined is \$61.6 million.

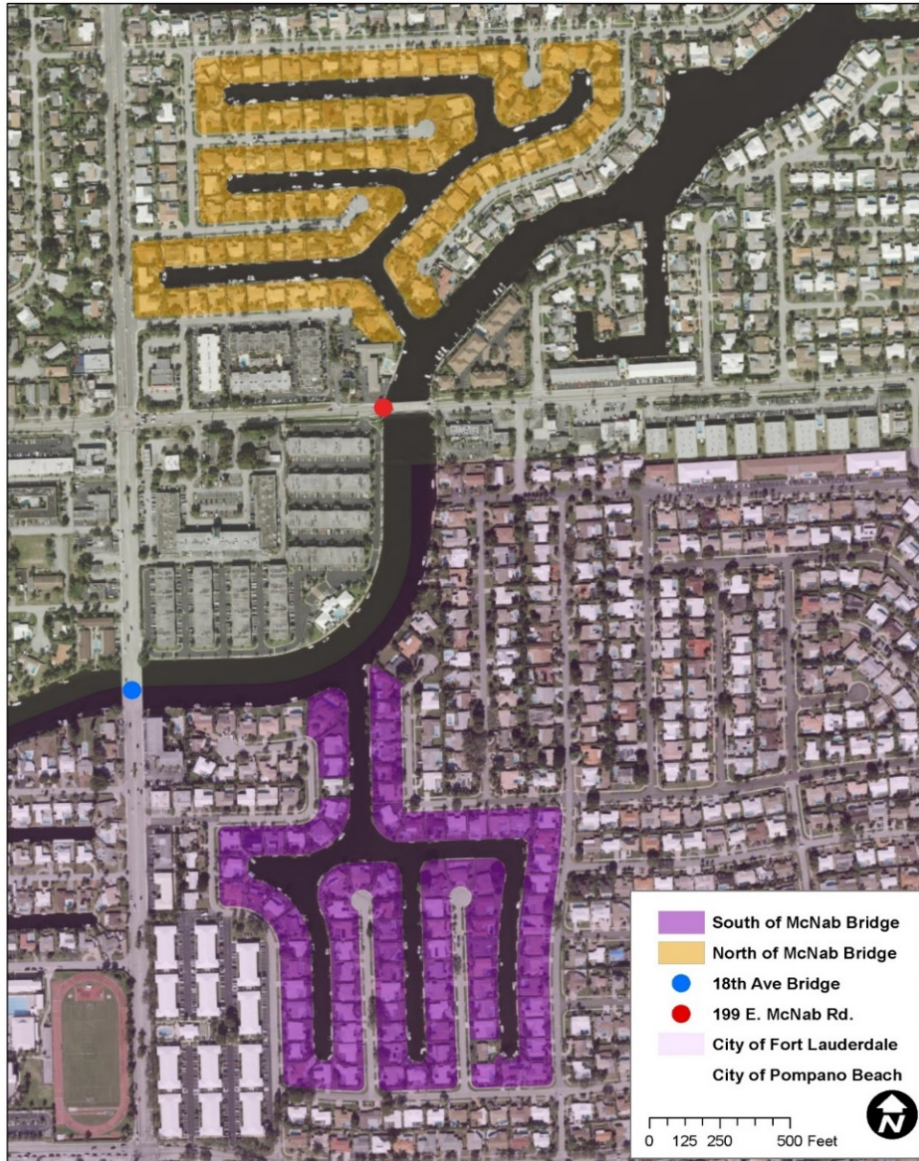
Figure 8: Waterfront Property Taxable Value Overview (Homes between McNab Road and 18th Ave Bridges)

	Pompano		Total
	Beach	Ft. Lauderdale	
Non Homesteaded Parcels	126	47	173
Non Homesteaded Parcels Taxable Value	\$15,141,640	\$12,614,680	\$27,756,320
Homesteaded Parcels	132	88	220
Homesteaded Parcels Taxable Value	\$5,710,380	\$28,167,410	\$33,877,790
Commercial Parcels	1	NA	1
Commercial Parcels Taxable Value	\$1,053,300	NA	\$1,053,300

With an identification and understanding of value associated with the water-front properties most affected by the McNab Road bridge, the next step is to gain insight into property valuation differentials within which a waterfront residential neighborhood is bifurcated by a fixed bridge and for which access to open water is potentially restricted on one side of the neighborhood. that currently exist between properties north of the McNab Road bridge and south of the McNab Road bridge.

At the outset, the analysis focuses on the two comparative neighborhoods situated directly north and south of the bridge and shown in the map below.

Figure 9: Map of Comparative Neighborhoods North and South of McNab Road Bridge



As shown above, these are two residential neighborhoods with single family homes along interior canals that, within a short distance, lead to the main waterway providing access to the Intracoastal. There are 91 homes in the neighborhood south of McNab Road bridge and 99 homes to the north of the bridge. The following table provides a snapshot of sales volume and value activity since 2010 according to BCPA.

Figure 10: North and South Neighborhoods - Housing Sales and Value Comparison (2010-2019)

	# of SF Homes	# of Sales since 2010	Avg. Size (SF)	Avg Sales \$ since 2010	Avg \$ Per Sq Ft	Avg Market Value
North of Bridge	99	39	1,922	\$490,308	\$267.86	\$531,842
South of Bridge	91	27	2,188	\$548,726	\$261.70	\$536,115

As illustrated above, the average home size in the southern neighborhood is roughly 10 percent larger (or 266± square feet) compared to the north. Accordingly, the average sales price in the south was \$548,000 compared to \$490,000 in the north. However, on a per square foot basis, residential property values to the north are actually 2.5± percent higher than to the south which is the effective metric for assessing comparative value. Importantly, we recognize herein that there may be outlying factors affecting sales activity within any given area during any given time, including the condition of homes, access to parks/open space, and/or school district; and, therefore it is extremely difficult to do an apples-to apples comparison without significant due diligence (and beyond the scope of this assignment). Nonetheless, this provides some indication of valuation between proximate residential communities that are separated by a fixed bridge. Importantly, we recognize that a few properties within the south sector have comparatively less waterfront than others in the neighborhood homes and, therefore, providing for a larger boat is not an option. However, in the context of this analysis, it is deemed negligible to the overall valuation.

In addition to this neighborhood comparison, we completed the same analysis for two other neighborhoods the City of Pompano Beach identified as: 11th Avenue bridge and 12th Street bridge. A map and overview of sale activity for the two comparative analyses is provided in the Appendix. In sum, the differential for the 12th Street neighborhood scenario indicates a nearly 3 percent premium for waterfront homes with no fixed bridge, while the 11th Avenue bridge indicates a 7 percent premium for homes with no fixed bridge.

Lastly, in an effort to further investigate the prospective differential in property values that may be affected bounded by fixed structures, we spoke informally with real estate representatives experienced in waterfront homes sales in South Florida and affiliated with prominent companies such as Douglas Elliman and Beachfront Realty. Though it was complicated to obtain a more defined quantitative analysis, there was clear consensus that comparable waterfront homes in communities or proximate areas that are separated by a relatively low fixed bridge (in this case considered to be less than 10±

feet) versus homes with no fixed bridge, there is a measurable value differential and even as much as 20± percent. As the discussion focused more intently on the value differential for comparable waterfront homes obstructed by a low fixed bridge (7±') and a slightly higher fixed bridge (11±'), the answers were somewhat ambiguous; but, there seemed to be an agreement that it would be a 10 percent premium at the very maximum.

As a result of the homes sales comparative analysis, coupled with anecdotal discussions with industry professionals, the value premium for comparable waterfront with access to open water, and obstructed by a 7' bridge and 11' bridge would be 3 percent (modest) to 6 percent (upper) which is in addition to the enhanced value accruing to these waterfront homes resulting from roadway/streetscape improvements noted above. Therefore, utilizing the current taxable data for the waterfront residential and commercial properties set forth in Figure 10 above, the following is a summary of additional incremental tax and tax revenue to the City of Pompano Beach and City of Fort Lauderdale on affected waterfront properties.

Figure 11: City of Pompano Beach & City of Fort Lauderdale – Estimated Annual Incremental Value and Tax Revenue (Added Value from 4 foot Heightening)

	Current Total Assessed Value	Incremental Assessed Value (moderate/upper)	Increment Tax Revenue to City (moderate/upper)
Pompano Beach	\$21.9M	\$660K - \$1.3M	\$4,000 - \$8,000
Ft. Lauderdale	\$40.0M	\$1.2M - \$2.4M	\$5,000 - \$10,000
Total	\$61.9M	\$1.9M - \$3.7M	\$9,000 - \$18,000

In all, and accounting for the impact from bridge/streetscape improvements on surrounding properties (outlined section A above), as well as the additional premium on waterfront properties (outlined in Section B above), the following is a summary of aggregated incremental value and tax revenue to the City of Pompano Beach and City of Fort Lauderdale from the McNab Road bridge improvements. Note, the combined incremental value increase (A + B), only applies to the 4 foot heightening since it was determined that the 1 foot heightening has a negligible impact on added value premium.

Figure 12: City of Pompano Beach & City of Fort Lauderdale – Estimated Annual Incremental Value and Tax Revenue from Impact on Surrounding Properties and Added Value from 4 foot Bridge Heightening)

	Incremental Assessed Value (moderate/upper)	Increment Tax Revenue to City (moderate/upper)
Pompano Beach	\$4.1M - \$9.8M	\$25,000 - \$60,000
Ft. Lauderdale	\$3.2M - \$7.4M	\$14,000 - \$32,000
Total	\$7.3M – \$17.2M	\$39,000 – \$92,000

As summarized above, and for City of Pompano Beach, specifically, the total assessed value of the properties affected by the proposed improvements increases by \$4.1M million to \$9.8 million, resulting in an estimated \$25,000 (moderate) to \$60,000 (upper) in annual incremental tax revenue.

In addition to the impact on properties to the south of McNab Road bridge, there is one property to the north for which an additional benefit will be gained by the bridge/roadway improvement beyond the 5 percent (upper) limit. This represents the property located at the northwest quadrant of the bridge which is comprised of a 21 unit condominium building with a total taxable value of \$2.0 million (or \$95,000 per unit). As part of the bridge improvement/heightening, the City may consider acquiring the commercial property immediately west of the condominium to allow for improved ingress and egress to the property and overall aesthetic improvement along McNab Road. It would provide the condominium with an enhanced entrance feature and upgraded parking area. Based upon the research and analysis herein, this could potentially provide a 5 to 10 percent increase to condominium value above the increase captured in the overall analysis of surrounding properties. An additional 10 percent incremental value increase yields \$210,000 in total taxable value. Additionally, the acquisition could potentially provide for the development of three townhomes that potentially provides an estimated \$1.0± million in net new taxable value to the City's tax base. To maintain a relatively conservative position, this added value has not been included within the incremental tax revenue impact figures outlined above; however, if implemented, would certainly provide support for Pompano Beach to achieve the "upper" level evaluation.

18th AVENUE BRIDGE

As prefaced, the analysis herein also considers the prospective improvement of the 18th Avenue bridge, located two-thirds of a mile southwest of the McNab Road bridge. This proposed improvement is limited a 1 foot height increase. After all of the research completed for the McNab Road bridge assessment, and with it the challenges of quantifying a four foot heightening, the impact on surrounding waterfront properties from a one foot increase is considered to be marginal since it would be very limited in the amount of added and/or larger vessels to which is served. Therefore, the analysis for the 18th Street bridge is primarily relegated to the impacts that the bride and related streetscape improvements would have on surrounding waterfront and non-waterfront home in the surrounding area.

Utilizing the same methodology of assessing residential properties within 1/3 mile and commercial properties within 500' of the bridge, the following map outlines the affected property boundary.

Figure 13: 18th Avenue Bridge – Map of Residential (1/3 mile) and Commercial (500' feet) Properties



Based upon data from BCPA, and assuming that the incremental value increase to these properties ranges from 1 to 3 percent, the following table summarizes the incremental taxable value and tax revenue to Pompano Beach and Fort Lauderdale.

Figure 14: City of Pompano Beach & City of Fort Lauderdale – Estimated Annual Incremental Value and Tax Revenue (from Proposed 18th Avenue Bridge 1 Foot Heightening)

	Current Total Assessed Value	Incremental Assessed Value (moderate/upper)	Increment Tax Revenue to City (moderate/upper)
Pompano Beach			\$2,000 - \$6,000
Ft. Lauderdale	\$63.6M	\$636K - \$1.9M	\$2,800 - \$8,300
Total	\$96.3M	\$963K - \$2.8M	\$4,800 - \$14,300

However, in light of these boundaries, the analysis needs to consider any overlap between those properties affected by the 18th Avenue bridge should the McNab Road bridge be implemented as well. In other words, the benefit does not double for those properties that are affected by both the bridge improvements. Though there may be some marginal increased benefit to be argued, we believe it's inconsequential in this case. Therefore, removing the overlapping properties would result in an incremental annual tax revenue of \$2,000 to \$6,000 to the Pompano Beach and \$2,800 \$8,300 to Fort Lauderdale.

APPENDIX

(Bibliography)

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- Insurance Service Office (ISO), Public Protection Classification (PPC) System for Rating Fire Protection and Safety Services. www.isomitigation.com
- “ISO Public Protection Classification”, Fire Rescue Magazine, March 2015
- “Does Living Closer to Fire Station Reduce Your Home Insurance?” Peachstate Insurance.com, Company Blog, November 2016
- “The Impact of Improved Public Protection Classification Ratings on Homeowners’ Insurance Rates in Richland County, South Carolina” Institute for Public Service and Policy Research, University of South Carolina, January 2007
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- Fire Marshall of Pompano Beach
- “Lauderdale Fire Rescue May be Elite, but it’s got company in Broward and Florida,” Sun-Sentinel,
- Insurance Agents and/or Company Blogs from: All State Insurance, Horton Insurance Group, State Farm Insurance, Swingle, Collins & Associates Insurance Group, Traveler’s Insurance
- The Economic Benefits of Sustainable Street, New York City Department of Transportation, 2012
- Public Investment Strategies: How they Matter for Philadelphia Neighborhoods, Susan M. Wachter and Kevin C. Gillen, The Wharton School, University of Pennsylvania, 2007
- Lifting the Veil on Bicycle and Pedestrian Spending, Advocacy Advance. (2014) www.advocacyadvance.org/docs/LiftingTheVeil_Report.pdf.
- Safer Streets, Stronger Economies, (Complete Street Project Outcomes from Across the Country, Smart Growth America.org, March 2015. Examples provided:
 - ✓ College Park Neighborhood/Edgewater Drive, Orlando
 - ✓ Lancaster, California
 - ✓ Lee’s Summit, Missouri
 - ✓ Normal, Illinois

MEMORANDUM

To: Randall Overton, M.P.A.
Chief, Permits Division
Coast Guard Seventh District
Bridge Administration
909 SE 1st Avenue, Suite 432
Miami, FL 33131

From: Matthew Fursetzer, P.E.
Kimley-Horn and Associates, Inc.

Date: November 14, 2019

Subject: McNab Road Bridge (#868108) over the South Florida Water Management District
C-14 Canal Replacement, City of Pompano Beach Project 19357, Broward County, FL

DRAFT Navigational Needs Study

BACKGROUND

The City of Pompano Beach, Florida is replacing the existing McNab Road bridge over the Cypress Creek C-14 Canal in Broward County, Florida to address the functionally obsolete components of the bridge. The existing bridge does not provide a shoulder for motorists and the total width does not meet current standards. This project is being funded through General Obligation Bonds approved by City residents.

Currently, the bridge provides approximately 6.0' of clearance from mean sea level. The purpose of this report is to document the height of the existing boats currently passing under the McNab Road Bridge and to assist in the evaluation of the vertical clearance requirements of the new bridge.

The assessment takes into consideration the existing constraints to navigation for vessels which may reasonably navigate the C-14 Canal in the study area and provides a basis for establishing the vertical and horizontal clearances for the proposed McNab Road bridge replacement.

DESIGN CONSIDERATIONS

Public Outreach

The City hosted public outreach meetings on April 17, 2019 and June 19, 2019. Attendees requested that the bridge replacement options consider increased vertical clearance for boaters.



Figure 1: Existing Bridge

South Florida Water Management District (SFWMD)

A vertical clearance requirement of 6.0' above the design water surface elevation of +1.9' NGVD was provided by SFWMD in a letter dated July 15, 2019 (**Exhibit A**). Existing survey data indicates that the existing vertical clearance at the center of the canal is approximately 7.0' above the design water surface elevation provided by SFWMD. Providing additional vertical clearance is not required to meet SFWMD criteria.

Constraints

Requirements of the general obligation bond purchase prevent construction outside City right of way. Based on input received from SFWMD and the City's public outreach meetings, the project team evaluated the maximum amount the roadway could be raised without requiring construction outside existing City right of way, obstructing sight distance, or adversely affecting adjacent property access. The preliminary analysis indicates that the maximum change in roadway elevation considering these constraints is 2.5'. The design of the bridge superstructure has not been completed. Based on a 16" superstructure depth, the vertical clearance could be 9.5' above the +1.9' NGVD design water surface elevation based on the preliminary design. **Exhibit B** shows the preliminary profile and limits of reconstruction associated with raising the bridge.

PUBLIC OUTREACH APPROACH AND METHODOLOGY

The project team submitted a bridge project questionnaire in August 2019. The US Coast Guard (USCG) advised the team that a USCG bridge permit including navigation impact study would be required. The USCG noted that the public outreach should focus on properties south and west of the subject bridge.

A meeting was held on September 13, 2019 with the USCG to discuss the proposed public outreach and survey methodology. A desktop review of the study area was conducted using aerial photography to identify the extent and type of vessel traffic and waterway characteristics within the study area. Based on this review, the boundary of the study area (**Figure 2**) was defined as the waterfront users between the McNab Road Bridge and the NE 18th Avenue Bridge. Vessels traveling the waterway south of the McNab Road Bridge are limited by the NE 18th Avenue bridge which provides clearance similar to the existing McNab Road Bridge.



Figure 2: Project Study Area Boundary

A boat survey mailing was sent to waterfront landowners between the McNab Road and NE 18th Avenue Bridges. The responses from the survey are included in **Exhibit C**. Over 100 letters were sent via US mail. A copy of the mailing list is included in **Exhibit D**.

CONCLUSION

The survey response rate was 32%

Survey results included a range of vertical clearance requirements between 5' and 14'

Exhibit A

SFWMD LETTER DATED JULY 15, 2019



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

July 15, 2019

Matthew Fursetzer, P.E.
Kimley Horn
1920 Wekiva Way, Suite 200
West Palm Beach, FL 33411

Subject: Canal Design information for the Replacement of the SE 15th Street Bridge crossing C-14, Right of Way Permit 972.

Matthew Fursetzer:

This letter is in response to your written request seeking information relating to the canal design information for the replacement of the SE 15^h Street Bridge crossing the C-14 Canal. Based on your submittal, the canal design section at this location consists of the following:

Canal Design Information

Canal Section:

Bottom Elevation: (-)15.0' NGVD
Bottom Width: 80 feet
Side Slopes: 1V:2H

Hydraulic Information:

Design Water Surface Elevation: 1.9' NGVD/MSL
Tidal

Required Vertical Clearance:

The required minimum vertical clearance acceptable at this location is (6) feet above the design water surface elevation or higher. However, Applicants are advised that the US. Coast Guard and U.S. Army Corps of Engineers may set more stringent requirements for structures in coastal section of canals.

Required Horizontal Clearances:

The center span must be centered on the centerline of the channel. The center span must have a minimum clear opening of 25 feet as measured from the faces of the pile bents. Approach spans must have a minimum spacing of 20 feet as measured on centers.

Professional Engineer's Certification Required

Any pedestrian or vehicular bridge crossing must be designed by a professional engineer registered in the State of Florida. The professional engineer is required to affix his/her seal to at least one set of record permit application drawings.

Bridge Hydraulic Report

N/A Not needed for Structures located downstream of the coastal water control structure.

Section 408 Review

N/A Not needed for Structures locate downstream of the coastal water control structure.

Cross Sections:

For the District to determine if clean-out or excavation of the channel is necessary at the point of a proposed crossing, the applicant must provide cross sections of the canal. For this project, the applicant is required to provide a minimum of four (4) existing canal cross sections: One at the existing upstream and downstream of the existing structure and one on each side taken at 25 feet upstream and 25 feet downstream of the proposed faces of the bridge. The cross sections must be taken perpendicular to the centerline of the channel. Soundings for cross sections are to be taken at a maximum of 10-foot intervals, from top of bank to top of bank and tied into the canal right of way lines. The cross sections must be plotted on standard 10 X 10 cross section paper or a similar CAD drawing and have the design canal section superimposed on each section. Mean Sea Level (MSL) or National Geodetic Vertical Datum (NGVD) must be used as datum and English or a combination of English and equivalent metric units of measure are to be employed.

Excavation:

If excavation is required to achieve the required canal design section, the limits of excavation to the design section shall extend outwardly a distance of 25 feet upstream and downstream from the faces of the proposed crossing with adequate transitions back to the existing channel section at both ends. The limits of the excavated area and transitions into the existing section must be shown on both the plan and profile view of the application drawings. Also, please refer to the section below titled "Financial Assurances" for requirements relating to required excavation.

Restrictions to Flow during Construction:

The South Florida Water Management District is under no obligation to allow canal flows to be impeded or restricted to facilitate the construction of a crossing. If there is a possibility that the permittee's contractor will request the use of coffer dams or earthen fills that will encroach into the channel, such proposals must be included in the application. Applicants are strongly encouraged to advise potential bidders of the prohibition to blocking or interfering with canal flows so that bid proposals account for this restriction.

In those instances where the District determines that the temporary restriction or blocking of a channel is feasible, the District will dictate the manner and length of time the canal may be impacted. The applicant will be required to prepare a sequence of work, equipment and personnel lists, and a work schedule for review by the District.

District Access:

Not a requirement for this location

Staging Areas

Not a requirement at this location

Relocations:

It is the applicant's sole responsibility to determine if any existing installations located within the District's right of way will be impacted by the proposed work and for any notification and/or coordination with the owners of existing facilities. Under no circumstances will the District be responsible for any relocation costs or liabilities, either direct or indirect, which are necessitated by the applicant's proposed work.

Requirements are Subject to Change

In managing its canal and levee system, the District must, from time to time, change its criteria and permit requirements based on regional and site-specific conditions. Applicants are cautioned that the information provided in this letter is based on the best available information at the time the letter is written but is subject to change. This is particularly true when applicants delay months or years in submitting an application for permit. Therefore, the rules, criteria and requirements in effect at the time a formal application is received for review will be applied to the permit application.

As always, the District's Right of Way staff is available to assist you with completion of your application and to answer questions you may have about the process and requirements. If you have any questions or need assistance, please feel free to contact this office directly.

Sincerely,



Beverly Miller
Right of Way Specialist-Senior
Right of Way Section
South Field Operations
South Florida Water Management District

Exhibit B

PRELIMINARY PROFILE & LIMITS OF RECONSTRUCTION ASSOCIATED WITH RAISING THE BRIDGE

25

20

15

10

5

0

-5

-10

-15

100+00

101+00

102+00

103+00

104+00

105+00

106+00

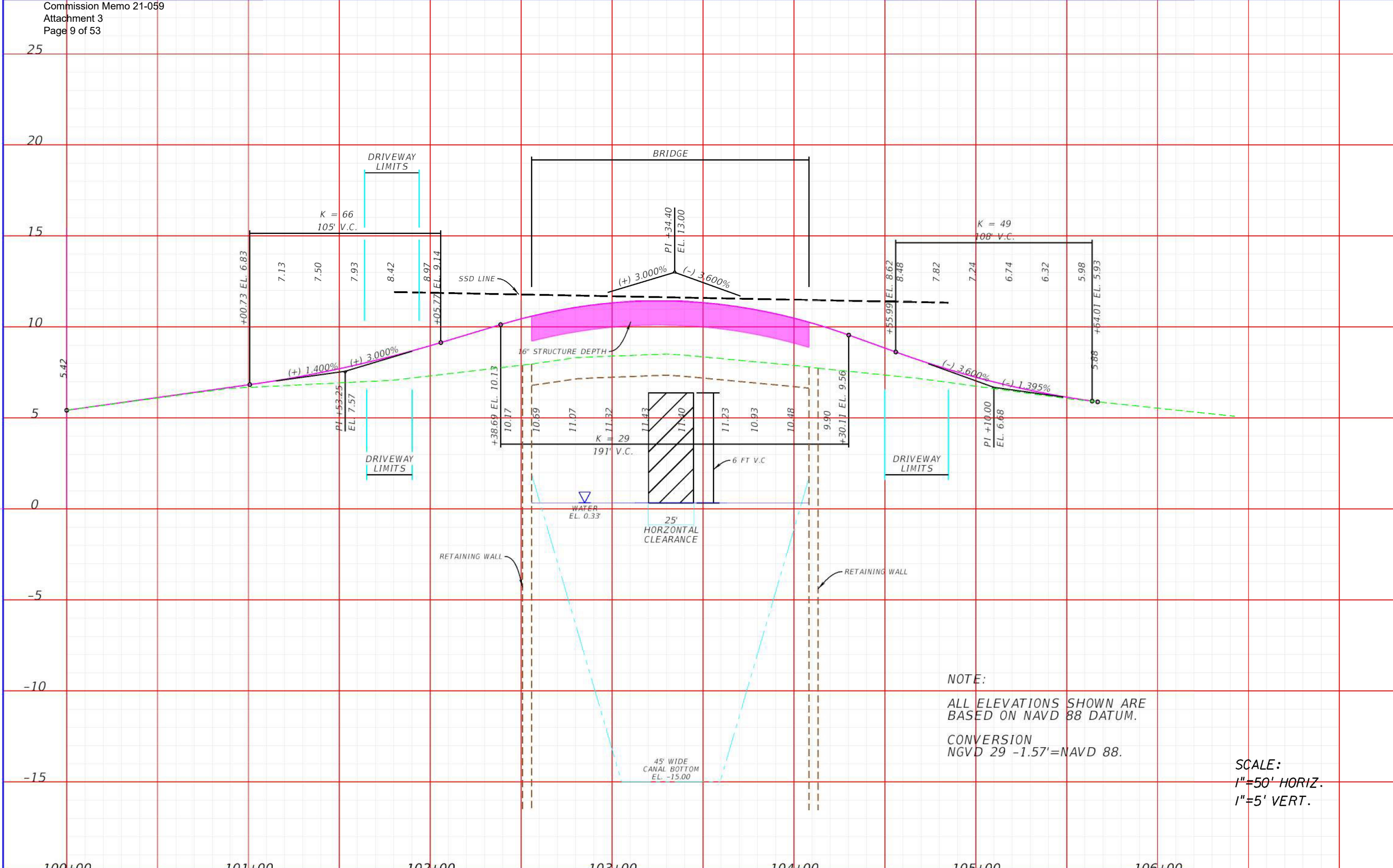
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley-Horn and Associates, Inc.
 Certificate Of Authorization No. 696
 Matthew B. Fursetzer, P.E.
 P.E. License No. 63997
 1920 Wekiva Way, Suite 200
 West Palm Beach, Florida 33411

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BROWARD	

**MCNAB ROAD BRIDGE
 PROFILE**

SHEET NO.



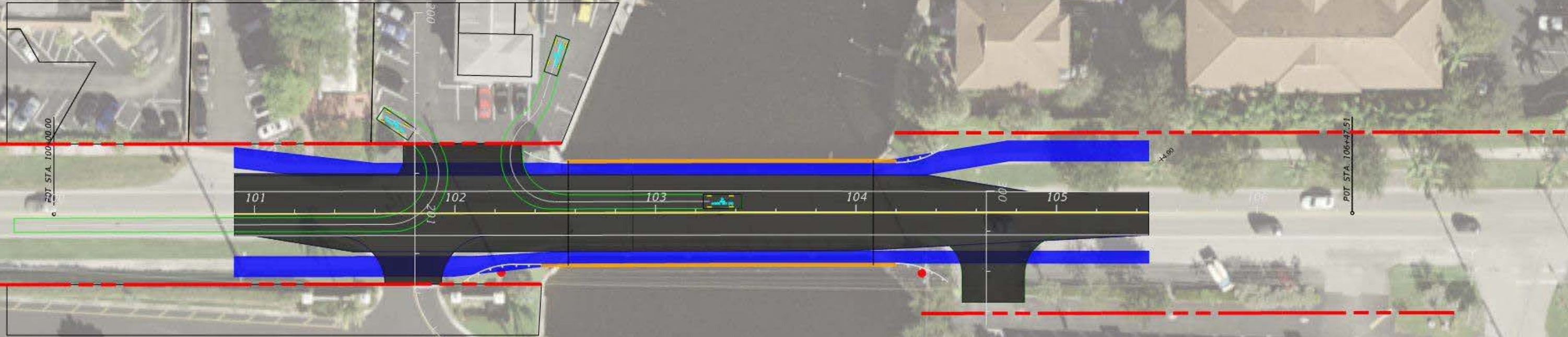


Exhibit C

NAVIGATION SURVEYS

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

KEV ALLEN 6400 NE 19 AVE 954-270-8546
FT LAUDERDALE, FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 35 BEAM 8 DRAFT 8 TONNAGE 1 HORSEPOWER 150

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet) 10'

VERTICLE CLEARANCE 10'
HORIZONTAL CLEARANCE 10'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

Intracoastal - Under McNabs Road

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 9am-9pm

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

We would like to see the bridge raised

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Edgar Barquero
140 Cypress Club Drive Apt 407 (954) 778-7621

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 21 BEAM 13 DRAFT 2 TONNAGE _____ HORSEPOWER 750

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 10 ft
HORIZONTAL CLEARANCE 8 ft

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 6 AM - 8 PM

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

NAVIGATION SURVEY

INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Dan Blankstrom 6250 NE 19th Terrace, Fort Lauderdale, FL 33308 281-802-1211

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER VESSEL

DIMENSIONS:

LENGTH 26' BEAM 8 1/2' DRAFT 26" TONNAGE 6000 LBS HORSEPOWER Dual 150's

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 7'

HORIZONTAL CLEARANCE 8 1/2"

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: AM

COMMENTS: The increasing sea levels will shorten the daily window to successfully get under the McNab bridge in the coming

years. Both Pompano and Fort Lauderdale boaters use this passageway to motor through this area. Increasing the height of the bridge will benefit all who pass under it.

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Re: Greg and Milagros Buckley (407) 293-6874
6351 N.E. 20 Terrace Ft. Lauderdale, FL 33308
Address: 7806 Bridgestone Drive, Orlando, FL 32835

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH _____ BEAM _____ DRAFT _____ TONNAGE _____ HORSEPOWER'-----

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE _____

HORIZONTAL CLEARANCE _____

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?

(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: _____

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

We do not own a vessel or use one at this
time.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Kevin Burns 954 465 9807
1821 NE 65th CT Ft Lauderdale FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 24' BEAM 8'6" DRAFT 3' TONNAGE 6,000 # HORSEPOWER 300

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 8'
HORIZONTAL CLEARANCE 10'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

Cypress Creek C-14 to Intercoastal

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: Morning fishing to Evening Cruising

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

I have a bimini top for my boat because the Bridge clearance at McNab Rd is only 5'6" at high tide. If the bridge was raised to 10' at high tide I could have a hard top installed that would substantially increase the utility and value of my boat, or allow me to purchase a ~~substa~~ significantly larger boat.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Howard Cooper
6311 NE 20th Ter
Ft. Lauderdale Fl 33308 614-778-1277

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH BEAM DRAFT TONNAGE HORSEPOWER'

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE
HORIZANTAL CLEARANCE

Waiting to purchase to determine size of boat.

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST:

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

I just moved to the area and would like to see the area accommodate larger boats. I would like to purchase a larger boat soon.
Thanks for your consideration.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Ruben + Evelyn Cruzpino (954) 661-2790
1841 NE US Ct. Fort Lauderdale FL 33308 (954) 806-7111

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 23'9" BEAM 8'6" DRAFT 14" TONNAGE HORSEPOWER 250 HP

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 9'
HORIZONTAL CLEARANCE 8'6"

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

Cypress Creek Canal

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 6 AM - 6 PM

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

The current height of the bridge is dangerous. With rising tides a nearby, this bridge, should be raised by at least 6 feet

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Robert Davis
110 cypress club Dr #127 Pompano Beach 754-224-6708

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 22 BEAM 8.5 DRAFT 2 TONNAGE - HORSEPOWER 150

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 10'
HORIZONTAL CLEARANCE 8.5

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle) C4 CANAL

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: Daylight hrs

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

Bridge on Mcnabb rd @ C4 CANAL is too low
to navigate through at high tide

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER
Stephen & Josee Duskie 954-232-5134
2030 N.E. 65th St.
Fort. Laud.

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 25 BEAM 12 DRAFT 4 TONNAGE ? HORSEPOWER 3

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE ?
HORIZONTAL CLEARANCE ?

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: Day

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

I need to watch the lides going to and from
my house. Any additional clearance
would be helpful.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Russell Edwards, 6241 NE 20th Terrace, Fort Lauderdale, FL 33308, 954-804-2296

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 22' BEAM 6' DRAFT 3' TONNAGE HORSEPOWER'-----150

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 17'
HORIZONTAL CLEARANCE 8'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER (C-14)

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: Evenings

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

Hello, my vessel just clears the McNab Road bridge, but with the King Tides, I would imagine that all of the boaters in the south of the McNab Road bridge have been unable to access the waterway to the North (C-14) at one time or another. Although I am certain it's a difficult task, it would be very appreciated for efforts to be made in addressing the raising of the bridge to its maximum ability.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

KATHRYN FINEGAN
1860 NE 65TH ST FORT LAUDERDALE FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION: NONE AT PRESENT

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH _____ BEAM _____ DRAFT _____ TONNAGE _____ HORSEPOWER'-----

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE _____

HORIZONTAL CLEARANCE _____

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

?
.
?

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: _____

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

JANICE Soderlund Gee
6300 NE 19 Ave Ft. Lauderdale, FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH _____ BEAM _____ DRAFT _____ TONNAGE _____ HORSEPOWER'-----

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE _____
HORIZONTAL CLEARANCE _____

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

McNAB Rd Bridge -
Pompano

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: _____

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

I own a kayak at the moment - NOT
A BOAT.
any questions - JANS'Gee@Comcast.net

Thanks!

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Hartley/Dalb, 6340 NE 19th Terrace
Ft. Lauderdale Fl 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

760-846-3898

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 26 BEAM 8 DRAFT _____ TONNAGE 5 HORSEPOWER 500

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 8
HORIZONTAL CLEARANCE 10

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 8^{am} - 12^{pm}

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Nathan Hay 6251 NE 20th Ter Fort Lauderdale, FL
561-301-6513

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 22' BEAM 8' DRAFT 15" TONNAGE HORSEPOWER 200

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 13'
HORIZONTAL CLEARANCE 8'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?

(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 12:00pm - 5pm

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

I need to pay \$2,500 to modify
my t-top to a collapsible top.
this is unacceptable. I probably wouldn't
have bought the boat if I
 knew.

The bridge needs to be raised 4'
at least.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Warren Allan Furchon 6571 NE 20th Ave Fort Lauderdale FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

none at this time, but would like about if I could use the water way when I wanted

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 30 BEAM 11 DRAFT 3 TONNAGE HORSEPOWER 300

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 10'
HORIZONTAL CLEARANCE 25'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: all day

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

I know Budget Budget Budget but it ~~dear~~ would be nice for a draw bridge and a 4 lane Road with a center turn lane. Just saying.

Kimley»»Horn

October 1, 2019

Dear Property Owner:

RE: **McNab Road Bridge Replacement
Pompano Bond Project No. 19357**

The City of Pompano Beach is replacing the McNab Road Bridge to improve safety and provide pedestrian accommodations. Part of the approval process for the bridge replacement requires input from waterway users in the area. You are receiving this letter since your property has access to the Cypress Creek C-14 Canal and information about how you use the waterway is required. Please fill out the attached survey and return by November 1, 2019. Surveys can be mailed to Kimley-Horn and Associates, Inc., Attention Matthew Fursetzer, P.E. at 1920 Wekiva Way, Suite 200, West Palm Beach, Florida 33411 or sent via email to matthew.fursetzer@kimley-horn.com. For additional information, you can also contact: Fernand Thony, P.E. GO Bond Engineering Project Manager, 100 W Atlantic Blvd Pompano Beach, Florida, 33050 Tel: (954) 928-5248

Sincerely,



Matthew Fursetzer, P.E.

MR. FURSETZER,

*PLEASE KEEP ME ADVISED OF ANY PROGRESS
AND I URGE YOU TO STUDY ALL OPTIONS THAT WILL
PROVIDE MARINERS WITH THE HIGHEST BRIDGE CLEARANCE!*

Regards,



USCG MERCHANT MARINER

*drew.kelley@me.com
(954) 383-5196*

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Andrew Kelley 6310 NE 19th Terrace Fort Lauderdale, FL
Air & Sea Charters, Inc. 6310 NE 19th Terrace Fort Lauderdale, FL 33308
954-383-5196

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 33' BEAM 12' DRAFT 3' TONNAGE HORSEPOWER 900

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 9'6" 9 FOOT 6 inches
HORIZONTAL CLEARANCE 12' 12 FOOT

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 24/7

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

I USE THE WATERWAY UNDERNEATH THE E. McNab Rd. / SE 15th St.
bridge for my charter business. The future bridge must be high
enough to provide us with a safe navigable waterway with access
to fire rescue, sea-tow and barge services. Please study the
bridge on Bayview Drive between NE 51st St and NE 52nd St.
in Fort Lauderdale.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Justin Mark Konrad, 6320 NE 19th Ave 33308
954-861-7690

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 38' BEAM 11' DRAFT 24 inches TONNAGE _____ HORSEPOWER: 600

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 8'
HORIZONTAL CLEARANCE 15'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: Mornin, Afternoon, Evening

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 2014.

Many time We Encounter not being able to come Back through the bridge During High tide or mid tide or even lower much of the year but especially During "King Tide". We could be forced to sleep on the boat in Lettuce lake; if we dont make it.

We have Damaged Boats on the bridge. Our friends, Myself and children have all been hurt trying to Safely Navigate under the bridge with such tight clearances. Tides are getting Higher



Scanned with CamScanner

NAVIGATION SURVEY

USER INFORMATION:

James & Laura Kunkel

NAME, ADDRESS & PHONE NUMBER:

6561 NE 20th Ave

Fort Lauderdale FL 33309

WHAT TYPE OF WATERWAY USER: (please circle one)

JKunkel@prouwea1th.com

954 557-0233

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH BEAM DRAFT TONNAGE HORSEPOWER

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE HORIZONTAL CLEARANCE

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

Cypress Creek

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS? (Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST:

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

Please make sure design is 100% complete before beginning construction. when bridge on 62nd street was rebuilt design was not complete & delay was 2-9 months.

The higher the elevation change the better for roads in & out of our home

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

PASCAL COURTOIS L'OASIS LLC
MURIEL

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 33' BEAM 10'2" DRAFT 3'5" TONNAGE 9.7T. HORSEPOWER 2x 350. H-P

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet) 9'

VERTICLE CLEARANCE 9'
HORIZONTAL CLEARANCE 11'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: All day when possible (Tide)

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

Just the bridge height that it's concerning
as I need to sail on low tide and put down
Antenna's & top.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Chris + Diane Maholm 6321 NE 20 Ter, Ft.L., 33308
954-258-2300 / 489-9447

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 29' BEAM 8' DRAFT 3' TONNAGE _____ HORSEPOWER 300

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 7' 8"
HORIZONTAL CLEARANCE 9'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

C43

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 7AM - 11 PM

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

I have lived on the water at my home for 19 years,
I've owned my current boat for 27 years. I would
like to upgrade but anything bigger/taller would
be impacted by the bridge. I contacted the County
who told me that if the bridge was rebuilt it would
have to be as tall as the bridge on US 1. Since the
bridge was in poor shape I figured eventually it would be
raised to that height. We have a once in a lifetime

Christopher Maholm
Director of Business Development and Engineering
Dayton-Granger, Inc.
3299 SW 9th Avenue | Fort Lauderdale, FL 33315-3026 USA
Tel (954) 463-3451 | cmaholm@daytongranger.com
www.daytongranger.com
ISO 9001:2008 + AS9100C



Chance (my lifetime at least) to greatly improve hundreds of families chance to enjoy boating by allowing them safe access to the open water. Not many new boats over 25' can make it under the current bridge, most have hard tops that can't be modified to fit. I believe if you can design a bridge that may have a greater slope than 5° (as most bridges currently are) we could have a 3' increase in clearance.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Tim McMahon, 6520 NE 19th Ave
Fort Lauderdale, FL 33308 PHN: 904-625-5730

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 29 BEAM 9'6" DRAFT 2'6" TONNAGE 10,000 lbs HORSEPOWER TWIN 250 (500 total)

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 14'
HORIZONTAL CLEARANCE 10'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 7am-7pm

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

Water levels continue to rise. Bridges need to
be raised as high as possible (should be same
height as US 1 bridge at least)

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

BRYAN S. MOSSOROFO 954-232-7070
6541 NE 20 AVENUE FORT LAUDERDALE FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

(IMPERIAL POINT)

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 34 BEAM 10.5 DRAFT 2.5 TONNAGE _____ HORSEPOWER 500

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 8.5'
HORIZONTAL CLEARANCE 12

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

C-14 CANAL

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 8.00 AM - 12. AM

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

We have lived here since 1999 & have purchased 5 boats. We have spent thousands of dollars modifying our boats top over the years. Even with alterations, we suffered damage to our boat tops. Due to the known rising tides, we are being forced to raise the sea wall (a minimum of at least 2 feet) at our own expense. The cost will be approximately \$75,000.00. We will NOT receive this amount in our house value due to the low McNab Bridge. The bridge should be raised proportionately as a basic standard to accommodate the rising tides. We should NOT HAVE

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

John Oliphant 1831 NE 65th Ct.
Carrie Oliphant Fort Lauderdale, FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 24 BEAM 8 DRAFT 4 TONNAGE 2.5 HORSEPOWER----- 200

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 7 ft.
HORIZONTAL CLEARANCE 8 ft.

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: Afternoon

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

We feel that raising the Bridge 4 ft. will assist in
easier navigation under the bridge. Also will increase
value of homes that have larger Boat Access. which
then increases Tax dollars to the city.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Peter Pekil 954-493-9431
6711 NE. 20 Terrace, Ft. Lauderdale, FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 22 BEAM 8.6 DRAFT 20 TONNAGE HORSEPOWER 270

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 7.5
HORIZONTAL CLEARANCE 12

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER Cypress creek/canal 14

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: all

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

I love this area and I would like to get
a larger boat.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

JUAN CARLOS PUENTE 954.901.0607
6330 NE 19TH AVE, FORT LAUDERDALE, FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 23 BEAM 8 DRAFT _____ TONNAGE _____ HORSEPOWER 250

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet) 6.5 FEET

VERTICLE CLEARANCE _____
HORIZONTAL CLEARANCE _____

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?

(Please Circle) EVERY WEEKEND

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 2PM-8PM

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

WE HAVE CRASHED BOAT COVER AND IF NOT CAREFUL
A PERSON COULD GET HURT. BRIDGE SHOULD
HAVE AT LEAST 7' OR 8' CLEARANCE DURING
LOW TIDE FOR SAFETY AND CONVENIENCE.
SO PEOPLE STANDING ARE ALWAYS SAFE.
VERY INCONVENIENT WHEN TIDE IS HIGH AND

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

John Kwattrockel 6571 NE 20th Avenue 671-838-5460
Michael Mehmet Fort Lauderdale FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 34 BEAM 10 DRAFT 2.5 TONNAGE _____ HORSEPOWER 500

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 8.5
HORIZONTAL CLEARANCE 12

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER Imperial Point Canal C14

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 7AM - Midnight

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

We recently paid \$45,000 to raise our seawall bringing it to code. This bridge needs to be raised to accommodate rising water levels or it will be useless to live on a property on a canal. As the waters rise, the canal will become non-navigable, because of this bridge.
Thank you - J. W. M. Yusuf

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

MICHAEL RECKNER

6331 NE 19th TER

FORT LAUDERDALE, FL 33308

814-659-5678

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE

COMMERCIAL

LICENSED

UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

NONE CURRENTLY; WILL PURCHASE IN Q2 2020

MOTOR

SAIL

FISHING

FERRY

TUG/BARGE

PILOT

DEEP DRAFT

OTHER

VESSEL DIMENSIONS:

LENGTH

BEAM

DRAFT

TONNAGE

HORSEPOWER'-----

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE

HORIZANTAL CLEARANCE

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER

LOXAHATCHEE RIVER

SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES

NO

WHEN DO YOU TRANSIT THESE WATERWAYS?

(Please Circle) WEEKENDS/HOLIDAYS

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: NOON - 9 PM

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

WE PURCHASED OUR HOME IN JUNE 2018 SPECIFICALLY SPECIALLY TO

HAVE OCEAN ACCESS. WE WILL BE PURCHASING A BOAT BY

2ND QUARTER 2020. WE ALSO HAVE SEVERAL FRIENDS WHO

VISITORS USE THE CANAL TO BRING THEIR BOATS TO

US.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

JOHN M. AND PATRICIA M. ROBARDS, 110 CYPRESS CLUB DR.
APT # 123, POMPANO BEACH, FL 33062 TEL 954-788-2605

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 26' BEAM 8.0 FT DRAFT 26" TONNAGE 3 1/2 APPROX GROSS HORSEPOWER 250

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 7 FT
HORIZONTAL CLEARANCE 10 FT

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

CANAL TO ICW TO OUTLETS NO. 1 & 50.

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST 7:00 TO 2:00

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014: 2019.

AS PROCEEDING UNDER McNAB RD BRIDGE IS "ONLY WAY OUT"
TO HAUL BOAT, CONCERN IS IN EVENT OF EMERGENCY OR
PRE-HURRICANE HAULOUT - IF NO BOAT TRAFFIC ALLOWED
AT SOME CONSTRUCTION PHASE, WHAT DURATION PLANNED?
ANY BREAKS IN BLOCKING CHANNEL? WHAT IS
TARGET DATE OF "BLOCKAGE"?

NAVIGATION SURVEY



Anthony D Samuels MD
6510 NE 19th Ave
Ft Lauderdale FL 33308-1051

I AM RETIRED
AND
I NO LONGER
OWN A BOAT

A. Samuels 10/4/19

UMBI

USER: (please circle one)

LICENSED UNLICENSED

ON:

e)

FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

DRAFT TONNAGE HORSEPOWER'

EMENTS FOR VESSEL: (measured in feet)

TION:

(Please Circle)

EE RIVER SAINT LUCIE RIVER

? (Please Circle)

E WATERWAYS?

DAY NIGHT

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Wilmar Sarmiento, 6411 NE 20th Way Fort Lauderdale FL 33308
(954) - 502 - 7744

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 21ft BEAM 8'6" DRAFT 2'9" TONNAGE _____ HORSEPOWER 300

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICAL CLEARANCE 4'8"
HORIZONTAL CLEARANCE 9'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 2

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014.

I would like to buy a different boat but
this bridge limit our options. An extra 2'
could make a big difference for us.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Tim St Cyr 110 Cypress Club Dr # 126 Pamplico Bch Fl
(352) 229 4580 33060

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 19' BEAM 8' DRAFT 12' TONNAGE 2 HORSEPOWER 150

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 8'
HORIZONTAL CLEARANCE 10'

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

Cypress creek C-14 canal

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 7AM-8PM

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Lauren & Jeff Stover
6310 NE 20 Terr; FT. LAUDERDALE, FL; 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 27' BEAM 8'6" DRAFT 2.5' TONNAGE 2932 lbs HORSEPOWER 150

* BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet) Approximately 9' with top up

VERTICLE CLEARANCE 9 1/2 feet with top on

HORIZONTAL CLEARANCE 8'6"

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle) ?

YES NO NOT SURE BUT WE ACCESS UNDER McNAB and head out to Lettuce Lake

WHEN DO YOU TRANSIT THESE WATERWAYS?

(Please Circle) once a week Min. - Sometimes twice

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: depends on when is low tide to get under bridge

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

This is our second boat due to decreasing ability to clear McNAB bridge so we sold our Sea Ray and bought a 25 foot pontoon boat with a collapsing Bimini top in order to clear McNAB at higher tides. Still can't get under bridge at high tide!! Had a head injury attempting to get under at one point. King tides and factual sea level rise is impacting us. Many neighbors in same BOAT! Thank you!

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Rick Tilelli 6251 NE 19th Terrace
Fort Lauderdale, FL 33308

WHAT TYPE OF WATERWAY USER: (please circle one)

Cell Phone: 954-401-7140

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 32 BEAM 9'1" DRAFT 3ft TONNAGE _____ HORSEPOWER 600

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 8'6"
HORIZONTAL CLEARANCE 12

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?

(Please Circle) Whenever I use my boat (couple times/month)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: morning / afternoon

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

Given rising sea levels and the requirement that I raise my seawall 30", the bridge should be built to provide the additional clearance in order that the canals remain a safe, navigable waterway. As a homeowner, I'm concerned that the needs of pedestrians are given priority over safety in boating in terms of the bridge design and clearance.

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

ROBERT UNGERER 954.351.9100
6250 NE 20 TER FT LAUD FL 32308

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 25 BEAM 8 DRAFT 2.5 TONNAGE _____ HORSEPOWER 300

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 5
HORIZONTAL CLEARANCE 8

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER CYPRESS CK C-14

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY & NIGHT

TIMES OF DAY USED MOST: 6 AM - 12 MID

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECIEVED BY NOVEMBER 1, 2014:

WITH NEW SEAWALLS REQUIREMENT OF ADDING
2 FEET TO SEAWALL, BRIDGE SHOULD BE RAISED
AT LEAST 2 FEET! BE

NAVIGATION SURVEY

USER INFORMATION:

NAME, ADDRESS & PHONE NUMBER:

Michele Viani 1870 NE 65th St.
Fort Lauderdale, FL 33308 949.273.9377

WHAT TYPE OF WATERWAY USER: (please circle one)

PLEASURE COMMERCIAL LICENSED UNLICENSED

VESSEL INFORMATION:

TYPE VESSEL: (Please circle one)

MOTOR SAIL FISHING FERRY TUG/BARGE PILOT DEEP DRAFT OTHER

VESSEL DIMENSIONS:

LENGTH 32'6" BEAM 9'6" DRAFT 2'6" TONNAGE 7 HORSEPOWER 600

BRIDGE CLEARANCE REQUIREMENTS FOR VESSEL: (measured in feet)

VERTICLE CLEARANCE 10'6"
HORIZONTAL CLEARANCE 12'6"

WATERWAY INFORMATION:

NAME OF WATERWAY USED: (Please Circle)

NEW RIVER LOXAHATCHEE RIVER SAINT LUCIE RIVER

DO YOU USE MAIN CHANNEL? (Please Circle)

YES NO

WHEN DO YOU TRANSIT THESE WATERWAYS?
(Please Circle)

SEASONALLY YEAR-ROUND DAY NIGHT

TIMES OF DAY USED MOST: 7AM - 6pm

COMMENTS:

PLEASE USE THIS SPACE TO COMMENT ON ANY NAVIGATION RELATED ISSUES REGARDING THIS WATERWAY NOT COVERED IN THIS SURVEY. PLEASE BE SPECIFIC WITH RESPECT TO ACTUAL NAVIGATIONAL NEEDS AND REQUIREMENTS. PLEASE ATTACH SKETCHES OR ANY ADDITIONAL INFORMATION NECESSARY TO HELP US FULLY UNDERSTAND THE ISSUE. COMMENTS MUST BE RECEIVED BY NOVEMBER 1, 2014:

I am not able to keep this boat at
my house currently due to the clearance
of the McNab bridge.

Exhibit D

MAILING LIST OF WATERFRONT LANDOWNERS BETWEEN THE MCNAB ROAD BRIDGE & NE 18TH AVENUE BRIDGE

**McNab Road Bridge Replacement
Mailing List**

Folio Number	Owner 1	Owner 2	Mailing Address	City	State	Zip Code
4942 12 04 0020	200 MCNAB LLC	C/O OLD KEY LIME	300 E OCEAN AVE	LANTANA	FL	33462
4942 12 04 0190	COLDREN, JADE &	COLDREN, MARGIE	2011 NE 68 ST	FORT LAUDERDALE	FL	33308-1048
4942 12 04 0870	PUBLIC LAND	C/O CITY OF POMPANO BEACH	100 W ATLANTIC BLVD	POMPANO BEACH	FL	33060
4942 12 04 0220	KLAMERUS, KYLE J &	KLAMERUS, DEBORAH A	6721 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 04 0230	PEKIC, PETER		6711 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 04 0240	REGULA, JOSEPH PETER		6701 NE 20 TER	FORT LAUDERDALE	FL	33308-1021
4942 12 04 0250	FIEDLER, RONALD J		6631 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 04 0260	SANDELIER, TODD M &	SANDELIER, SUZANNE M	6621 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 11 0050	JURCHEN, ALLAN LLOYD &	JURCHEN, MARINA LARENZ	6571 NE 20 AVE	FORT LAUDERDALE	FL	33308-1013
4942 12 11 0060	KUNKEL, JAMES E &	KUNKEL, LAURA O	6561 NE 20 AVE	FORT LAUDERDALE	FL	33308-1013
4942 12 11 0070	SAEY, ARTHUR P &	SAEY, ALEXIS J	6551 NE 20 AVE	FORT LAUDERDALE	FL	33308-1013
4942 12 11 0080	MOSSOROFO, BRYAN S &	KELLY L MOSSOROFO REV FAM TR	6541 NE 20 AVE	FORT LAUDERDALE	FL	33308-1013
4942 12 10 1130	SMITH, WAYNE M		6531 NE 20 AVE	FORT LAUDERDALE	FL	33308-1013
4942 12 10 1140	QUATTROCCHI, JOHN M &	MEHMET, MICHAEL JR	6521 NE 20 AVE	FORT LAUDERDALE	FL	33308-1012
4942 12 10 1150	HAIDAR, ARLENE T &	ARLENE T HAIDAR REV TR	6515 NE 20 AVE	FORT LAUDERDALE	FL	33308
4942 12 10 1160	WAGNER, JOCHEN M &	WAGNER, MICHAEL	6511 NE 20 AVE	FORT LAUDERDALE	FL	33308
4942 12 10 1170	JIMENEZ, HUGO &	JIMENEZ, TERRI LYNN	6505 NE 20 AVE	FORT LAUDERDALE	FL	33308-1013
4942 12 10 1180	FERTIG, NANCY W		6501 NE 20 AVE	FORT LAUDERDALE	FL	33308-1013
4942 12 10 1190	BRANDT, JOHN T &	BRANDT, VICTORIA M	2000 NE 65 ST	FORT LAUDERDALE	FL	33308-1047
4942 12 10 1200	NAOMI G BREDE REV TR &	BREDE, KENYON A TRSTEE ETAL	17 RIDGECREST RD	DANBURY	CT	06811
4942 12 10 1200	CURRENT RESIDENT		2006 NE 65 ST	FORT LAUDERDALE	FL	33308-1047
4942 12 10 1210	IMBRIGIOTTA, ROBERT A &	IMBRIGIOTTA, CAROL L	2010 NE 65 ST	FORT LAUDERDALE	FL	33308-1047
4942 12 10 1220	BIRO, RICHARD K &	BIRO, TAMELA G	2020 NE 65 ST	FORT LAUDERDALE	FL	33308
4942 12 10 1230	DUSKIE, STEPHEN A &	DUSKIE, TERESE N	2030 NE 65 ST	FORT LAUDERDALE	FL	33308-1047
4942 12 10 1240	SWARZAK, ANTHONY		2040 NE 65 ST	FORT LAUDERDALE	FL	33308-1047
4942 12 10 1250	NICE, ERNEST ANDREW &	SALAZAR, VINCENT MARCELO	6421 NE 20 WAY	FORT LAUDERDALE	FL	33308
4942 12 10 1260	SARMIENTO, WILMER &	QUINTAS, KARINA	6411 NE 20 WAY	FORT LAUDERDALE	FL	33308-1324
4942 12 10 1270	SUMMO, SALVATORE F &	SALVATORE F SUMMO LIV TR	6401 NE 20 WAY	FORT LAUDERDALE	FL	33308
4942 12 10 1280	JAEN, ELOY E JR &	JAEN, SUSAN FRANCES	6351 NE 20 WAY	FORT LAUDERDALE	FL	33308-1322
4942 12 10 1290	HERRING, TRAVIS &	HERRING, ASHLEY	6341 NE 20 WAY	FORT LAUDERDALE	FL	33308-1322
4942 12 10 1300	COOLEY, DAVID &	COOLEY, MARY ANNE	6331 NE 20 WAY	FORT LAUDERDALE	FL	33308-1322
4942 12 10 1301	MOORE, ORMA &	MOORE, PAULA	6321 NE 20 WAY	FORT LAUDERDALE	FL	33308-1322
4942 12 10 1310	AMA PROPERTIES LLC		13437 BELLARIA CIR	WINDERMERE	FL	34786
4942 12 10 1310	CURRENT RESIDENT		6311 NE 20 WAY	FORT LAUDERDALE	FL	33308
4942 12 10 1320	HOLLEY, STEVEN		6301 NE 20 WAY	FORT LAUDERDALE	FL	33308-1322
4942 12 10 1330	GOETHEL, ARDETH &	GOETHEL FAM TR	6261 NE 20 WAY	FORT LAUDERDALE	FL	33308
4942 12 10 1340	TAYLOR, RICHARD W &	RICHARD W & DORIS L TAYLOR TR	6251 NE 20 WAY	FORT LAUDERDALE	FL	33308-1320
4942 12 10 1350	ROBBINS, MICHAEL &	ROBBINS, ISABEL RIBBECK ETAL	6241 NE 20 WAY	FORT LAUDERDALE	FL	33308-1320
4942 12 10 1360	TACKIS, SUZAN P		6231 NE 20 WAY	FORT LAUDERDALE	FL	33308-1320
4942 12 10 1370	BRIESEMEISTER, KIM JACKSON &	BRIESEMEISTER, MARK	2031 NE 62 CT	FORT LAUDERDALE	FL	33308
4942 12 10 1020	STECKBECK, MARY A		6230 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 10 1000	UNGERER, ROBERT &	UNGERER, CARYL	6250 NE 20 TER	FORT LAUDERDALE	FL	33308-1317

**McNab Road Bridge Replacement
Mailing List**

Folio Number	Owner 1	Owner 2	Mailing Address	City	State	Zip Code
4942 12 10 0990	POSEY, LINDA M		6301 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0990	POSEY, LINDA M		6260 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0980	EDMISTON, MARK D		6300 NE 20 TER	FORT LAUDERDALE	FL	33308-1319
4942 12 10 0970	STOVER, JEFFREY &	STOVER, LAUREN G	6310 NE 20 TER	FORT LAUDERDALE	FL	33308-1319
4942 12 10 0960	YOUNG, DANIEL T & LAURA B &	BROWN, JOAN P	6320 NE 20 TER	FORT LAUDERDALE	FL	33308-1319
4942 12 10 0950	GOODMAN, MARK D &	GOODMAN, GRACE	6330 NE 20 TER	FORT LAUDERDALE	FL	33308-1319
4942 12 10 0940	LEE, ALBERT R &	MILLETTE-LEE, JODI L	6340 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0930	JACKSON, CHRISTOPHER L		6350 NE 20 TER	FORT LAUDERDALE	FL	33308-1319
4942 12 10 0920	MONTIEL, CAROL E		6360 NE 20 TER	FORT LAUDERDALE	FL	33308-1319
4942 12 10 0910	BUCKLEY, CHARLES &	BUCKLEY, MILAGROS	7806 BRIDGESTONE DR	ORLANDO	FL	32835
4942 12 10 0910	BUCKLEY, CHARLES &	BUCKLEY, MILAGROS	6351 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0900	THAKKAR, HEMANT C &	THAKKAR, TARULATTA	6341 NE 20 TER	FORT LAUDERDALE	FL	33308-1318
4942 12 10 0890	EDINOFF, STUART &	EDINOFF, LYNN	6331 NE 20 TER	FORT LAUDERDALE	FL	33308-1318
4942 12 10 0880	MAHOLM, CHRISTOPHER D &	MAHOLM, DIANE V	6321 NE 20 TER	FORT LAUDERDALE	FL	33308-1318
4942 12 10 0870	COOPER, CYNTHIA M &	COOPER, HOWARD	1546 LINCOLN RD	COLUMBUS	OH	43212
4942 12 10 0870	CURRENT RESIDENT		6311 NE 20 TER	FORT LAUDERDALE	FL	33308-1318
4942 12 10 0860	POSEY, LINDA M		6301 NE 20 TER	FORT LAUDERDALE	FL	33308-1318
4942 12 10 0850	HUMENYI, STEPHEN J &	HUMENYI-SQUADRITO, MANUELA	6261 NE 20 TER	FORT LAUDERDALE	FL	33308-1316
4942 12 10 0840	HAY, NATHAN T		6251 NE 20 TER	FORT LAUDERDALE	FL	33308-1316
4942 12 10 0830	EDWARDS, CAROLINE L BARS &	EDWARDS, RUSSELL J	6241 NE 20 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0820	BRIERLEY, TAMERA &	BRIERLEY, PAMELA	6231 NE 20 TER	FORT LAUDERDALE	FL	33308-1316
4942 12 10 0810	ZAPARANIUK, EDWARD S &	ZAPARANIUK, JUDITH S	1961 NE 62 CT	FORT LAUDERDALE	FL	33308-1310
4942 12 10 0800	BERGIN, MICHELLE &	GUDAITIS, RYAN	6230 NE 19 TER	FORT LAUDERDALE	FL	33308-1313
4942 12 10 0790	STEINKAMP, MARTHA G &	RICHARD E & M G STEINKAMP REV TR	6240 NE 19 TER	FORT LAUDERDALE	FL	33308-1313
4942 12 10 0780	BLANKSTROM, SUSAN D &	BLANKSTROM, DANIEL I	6250 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0770	MOUSE CASA LLC		2105 MARJORY AVE	TAMPA	FL	33606
4942 12 10 0770	CURRENT RESIDENT		6260 NE 19 TER	FORT LAUDERDALE	FL	33308-1313
4942 12 10 0760	PEKIC, MICHAEL		6300 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0750	KELLEY, ANDREW R		6310 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0740	MOORE, BONNIE JEAN &	MOORE, MATTHEW	6320 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0730	MALONEY, JAMES A &	STEWART, GARRY R	6330 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0720	DALBY, RICHARD C &	HARTLEY, JEFFREY A	6340 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0710	GADDIS PROPERTIES LLC		PO BOX 950	FORT LAUDERDALE	FL	33302-0950
4942 12 10 0710	CURRENT RESIDENT		6350 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0700	BARRETT, BRUCE L &	BARRETT, KAREN A	6400 NE 19 TER	FORT LAUDERDALE	FL	33308-1300
4942 12 10 0690	SPANO, RONA PILEGGI &	PILEGGI, WILLIAM G ETAL	1380 MARCO CT	DARIEN	IL	60561
4942 12 10 0690	CURRENT RESIDENT		6351 NE 19 TER	FORT LAUDERDALE	FL	33308-1314
4942 12 10 0680	BRICAULT, MARCIE B &	SULLIVAN, WILLIAM F	6341 NE 19	FORT LAUDERDALE	FL	33308
4942 12 10 0670	RECKNER, MICHAEL J &	MARTINEZ, NAYDA MILAGROS	6331 NE 19 TER	FORT LAUDERDALE	FL	33308-1314
4942 12 10 0660	HACKETT, JOHN F III &	VIRGINIA A HACKETT REV TR	6321 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0650	STROM, EINAR W JR &	EINAR W STROM JR REV TR	6311 NE 19 TER	FORT LAUDERDALE	FL	33308-1314
4942 12 10 0640	ROBERTSON, BETTY J &	BETTY J ROBERTSON REV TR	6301 NE 19 TER	FORT LAUDERDALE	FL	33308-1314

**McNab Road Bridge Replacement
Mailing List**

Folio Number	Owner 1	Owner 2	Mailing Address	City	State	Zip Code
4942 12 10 0630	BIRD, ROBERT W		6261 NE 19 TER	FORT LAUDERDALE	FL	33308-1312
4942 12 10 0620	TILELLI, RICHARD		6251 NE 19 TER	FORT LAUDERDALE	FL	33308
4942 12 10 0610	BOGGY, CLARA MAXINE &	CLARA MAXINE BOGGY REV LIV TR	6241 NE 19 TER	FORT LAUDERDALE	FL	33308-1312
4942 12 10 0600	DURANIK, ALBERT M & ROBIN P		6231 NE 19 TER	FORT LAUDERDALE	FL	33308-1312
4942 12 10 0590	AHRENS, MIRKO		1911 NE 62 CT	FORT LAUDERDALE	FL	33308
4942 12 10 0580	CAPELL, HAROLD		6230 NE 19 AVE	FORT LAUDERDALE	FL	33308
4942 12 10 0570	KROHA, ROBERT F JR		6240 NE 19 AVE	FORT LAUDERDALE	FL	33308-1309
4942 12 10 0560	BAYINDIR, BETUL OZBEY &	BAYINDIR, FARUK	6250 NE 19 AVE	FORT LAUDERDALE	FL	33308
4942 12 10 0550	HILLER, BRYAN		2702 AMBER CREST RD	HANOVER	MD	21076
4942 12 10 0550	CURRENT RESIDENT					
4942 12 10 0540	GEE, JANICE SODERLUND &	JANICE SODERLUND GEE REV LIV TR	6300 NE 19 AVE	FORT LAUDERDALE	FL	33308-1311
4942 12 10 0530	THOMPSON, NIKKO G		6310 NE 19 AVE	FORT LAUDERDALE	FL	33305
4942 12 10 0520	KONRAD, JUSTIN M		6320 NE 19 AVE	FORT LAUDERDALE	FL	33308-1311
4942 12 10 0510	PUENTE, JUAN CARLOS &	SALAS, NATHALY	6330 NE 19 AVE	FORT LAUDERDALE	FL	33308
4942 12 10 0500	6340 IMPERIAL POINT LLC		11125 NW 124 ST	MEDLEY	FL	33178-3173
4942 12 10 0500	CURRENT RESIDENT		6340 NE 19 AVE	FORT LAUDERDALE	FL	33308-1311
4942 12 10 0490	SIMS, HOWARD R		6350 NE 19 AVE	FORT LAUDERDALE	FL	33308-1311
4942 12 10 0480	ALLEN, KENNETH J &	ROCKWELL, KIRBY D	6400 NE 19 AVE	FORT LAUDERDALE	FL	33308-1323
4942 12 10 0470	HARLEY, WILLIAM J		6410 NE 18 TER	FORT LAUDERDALE	FL	33308-1307
4942 12 10 0460	WATT, MICHAEL D &	WATT, KATHERINE	1840 NE 65 ST	FORT LAUDERDALE	FL	33308
4942 12 10 0450	BANKEN, JANICE G		1850 NE 65 ST	FORT LAUDERDALE	FL	33308-1053
4942 12 10 0440	FINEGAN, KATHRYN		1860 NE 65 ST	FORT LAUDERDALE	FL	33308
4942 12 10 0430	VIANI, MICHELE		1870 NE 65 ST	FORT LAUDERDALE	FL	33308-1053
4942 12 10 0420	L'OASIS LLC		1880 NE 65 ST	FORT LAUDERDALE	FL	33308
4942 12 10 0410	ALLEGRI, SUSAN R		6500 NE 19 AVE	FORT LAUDERDALE	FL	33308-1051
4942 12 10 0400	SAMUELS, ANTHONY D &	ANTHONY D SAMUELS REV TR	6510 NE 19 AVE	FORT LAUDERDALE	FL	33308-1051
4942 12 10 0390	MCMAHON, TIMOTHY P JR &	MCMAHON, MEGAN G	6520 NE 19 AVE	FORT LAUDERDALE	FL	33308-1051
4942 12 10 0380	TRAXLER, LINDA K &	LINDA K TRAXLER REV TR	6530 NE 19 AVE	FORT LAUDERDALE	FL	33308-1051
4942 12 11 0040	BRUMER, MARSHALL & KATHRYN MARSHALL &	KATHRYN BRUMER LIV TR	1871 NE 65 CT	FORT LAUDERDALE	FL	33308-1054
4942 12 11 0030	CONRADO, MARCIO &	MAGDALENO, LARISSA	1861 NE 65 CT	FORT LAUDERDALE	FL	33308
4942 12 11 0020	KAFKA, LIDETTE		1851 NE 65 CT	FORT LAUDERDALE	FL	33308-1054
4942 12 11 0010	CRUZPINO, RUBEN &	CRUZPINO, EVELYN	1841 NE 65 CT	FORT LAUDERDALE	FL	33308-1054
4942 12 15 0010	OLIPHANT, JOHN &	OLIPHANT, ROSARIO M	1831 NE 65 CT	FORT LAUDERDALE	FL	33308
4942 12 15 0020	BURNS, KEVIN &	BURNS, CAMILLE	1821 NE 65 CT	FORT LAUDERDALE	FL	33308
4942 12 BH 0010	UNITED PROPERTIES VIII LLC		3815 SW 16 ST APT 1	FORT LAUDERDALE	FL	33312
4942 12 00 0361	CYPRESS CLUB CONDOMINIUM INC	ATTN: MR. FRED FOTHERGILL, PRESIDENT	145 CYPRESS CLUB DR	POMPANO BEACH	FL	33060

LOCATION MAP

