

**From:** [Majtenyi, Victor](#)  
**To:** [Wynn, Kimberly](#); [Wright, Shanene](#)  
**Subject:** FW: Marine Way  
**Date:** Wednesday, February 10, 2016 11:37:14 AM  
**Attachments:** [image001.png](#)

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Victor Majtenyi  
Deputy Director of Public Utilities  
434 South Swinton Avenue  
Delray Beach, Florida 33444  
561-243-7328  
[majtenyi@mydelraybeach.com](mailto:majtenyi@mydelraybeach.com)



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**From:** Scott, David  
**Sent:** Tuesday, January 12, 2016 9:58 AM  
**To:** Morgan, John  
**Cc:** Hynes, Steve; Coleman, Michael; Costello, Jennifer; Majtenyi, Victor; Cooper, Donald  
**Subject:** RE: Marine Way

Proceed and work with Purchasing.

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**From:** Morgan, John  
**Sent:** Friday, January 8, 2016 5:49 PM  
**To:** Scott, David  
**Cc:** Hynes, Steve; Coleman, Michael; Costello, Jennifer; Majtenyi, Victor  
**Subject:** FW: Marine Way

David:

I recommend that we move forward with the location of the water main on Marine Way as an emergency situation. If you concur, we will initiate the paperwork. I will also work with Michael Coleman's team to sponsor a community meeting so that the residents are informed about the progress the City is making in mitigating the situation. Thank you.

John Morgan  
Director, Environmental Services Department

Work: (561) 243-7303  
Cellular: (561) 997-4536

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**From:** Majtenyi, Victor  
**Sent:** Friday, January 08, 2016 5:41 PM  
**To:** Morgan, John  
**Cc:** Kovner, Isaac; Ballestero, Rafael  
**Subject:** RE: Marine Way

John,

The current circumstances where it appears the deterioration of the roadway along Marina Way is being accelerated by the ongoing tide events has triggered staff to revisit and review the vulnerability of the City's utility infrastructure along Marine Way.

As you are aware, a sanitary sewer main exists along the western part of Right-of-Way (ROW), west of the edge of roadway pavement. In addition, an 8-inch water main exists along the eastern portion of the ROW, under the roadway pavement, approximately 3 to 5 feet from the eastern edge of pavement/seawall/Mangroves. Per our current engineering standards, the water main is considered shallow, as it is only 2 (+/-) feet below the existing roadway grade; the City's minimum required depth for water main pipe is 30", with customary depth of 36".

Under the conditions cited above, should the roadway continue to deteriorate, staff feels that the stability of the water main is highly vulnerable for loss. Failure of the structural roadway bed could collapse the water main, resulting in a catastrophic loss, as repairs would be difficult, which would render customers along Marine Way without potable water. Unfortunately, this could potentially create a public health issue as well.

Staff has solicited pricing for the placement of a new water main from a qualified City contractor working under an active contract. The water main would be installed along the western portion of the ROW, in the green area west of the edge of pavement, yet still maintaining the required separation from the existing sanitary main. This placement intentionally keeps the water main out of the pavement, as pavement restoration would be difficult, if not impossible to achieve with the current deterioration of the roadway. In addition, it may be best not to touch the roadway under its current condition until it's ownership is resolved and the permitting for mitigation and/or restoration can be pursued by the appropriate governing agency. This placement also keeps the water main towards the western edges of the ROW, providing as much a buffer as possible from the seawall for when it would be under reconstruction (vibration if pilings are to be installed). The existing water main would be abandoned in place, with the removal or grout filling of the main addressed at such time when the seawall and roadway is reconstructed.

AKA Construction Services, currently performing construction activities under the Tropic Palms Water Upgrade project, provided a quote utilizing unit pricing per current City contracts in the amount not to exceed \$97,984, with an estimated construction duration of 30 days. Staff feels the pricing is commensurate with the scope of work.

Under the circumstances, staff recommends this work be considered an emergency situation, to be performed as soon as possible, seeking authorization from the City Manager to proceed with the work per Code of Ordinance 36.02 (C) (5), Emergency Acquisitions, with authorization to perform this work via a contract Change Order to the current contract with AKA Construction Services as part of the Tropic Palms Water Main Upgrade project. This provides the most expeditious manner for relocation of the water main.

If authorized, staff will initiate the appropriate agenda item in Legistar seeking retroactive approval from City Commission on the next available City Commission meeting.

I respectfully request your consideration of this matter.

Thanks,  
Vic

*Victor Majtenyi*  
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**From:** Kovner, Isaac  
**Sent:** Wednesday, December 02, 2015 12:10 PM  
**To:** Morgan, John  
**Cc:** Majtenyi, Victor; Hynes, Steve  
**Subject:** RE: Marine Way

My Professional Engineering Assessment of Marine Way:

The eastern portion of Marine Way (approximately 6 feet from the mangroves/Intracoastal Waterway) located from SE 1<sup>st</sup> Street north to Deck 84 is structurally deficient with respect drivability and truck weight limits. All traffic should be barred from traveling on the eastern portion of the roadway (6'). Additionally, barricades should be placed along the entire length of the roadway in the deficient area preventing any travel along the eastern edge of the roadway.

All service trucks and vehicles (cars) should be coordinated to have access along Marine Way along the western portion of the roadway only (10' maximum) until such a time as proper engineering and construction is completed stabilizing/re-constructing the eastern portion of the roadway.

If you have any questions concerning this assessment please contact me. Thank you for your compliance and understanding.

Isaac Kovner, P.E.  
City Engineer



City of Delray Beach  
Environmental Services Department  
434 S. Swinton Ave., Delray Beach, Florida 33444  
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[kovner@mydelraybeach.com](mailto:kovner@mydelraybeach.com)

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**From:** Morgan, John  
**Sent:** Wednesday, December 02, 2015 11:32 AM  
**To:** Kovner, Isaac  
**Subject:** RE: Marine Way

Just document in an email for now. Will figure out the form later.

Sent via the Samsung Galaxy Note® 4, an AT&T 4G LTE smartphone

----- Original message -----

From: "Kovner, Isaac" <[kovner@mydelraybeach.com](mailto:kovner@mydelraybeach.com)>  
Date: 12/2/2015 9:55 AM (GMT-05:00)  
To: "Morgan, John" <[morgan@mydelraybeach.com](mailto:morgan@mydelraybeach.com)>  
Cc: "Adderly, Larry" <[Adderly@mydelraybeach.com](mailto:Adderly@mydelraybeach.com)>  
Subject: RE: Marine Way

Isaac:

Did you document your preliminary assessment of the condition of Marine Way? If not, please do. **OK. On what Form?**

What is the vehicle weight limit you recommended? **No Weight Limit as long as the vehicles drive on the WEST SIDE ONLY on Marine Way.** Please ask Larry to make a new sign to be attached to the road closed barricade posting the weight limit. **Will Do.**

Larry, please see me to discuss verbiage on barricade postings. Thank you.

Thank you.

Isaac Kovner, P.E.  
City Engineer



City of Delray Beach  
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**From:** Morgan, John  
**Sent:** Tuesday, December 01, 2015 4:09 PM  
**To:** Kovner, Isaac  
**Cc:** Costello, Jennifer; Adderly, Larry; Krejcarek, Randal; Hynes, Steve; Coleman, Michael  
**Subject:** Marine Way

Isaac:

Did you document your preliminary assessment of the condition of Marine Way? If not, please

do.

What is the vehicle weight limit you recommended? Please ask Larry to make a new sign to be attached to the road closed barricade posting the weight limit.

Thank you.

John Morgan

Sent via the Samsung Galaxy Note® 4, an AT&T 4G LTE smartphone