

## Toussaint, Geraldine

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**From:** Brooks, Kathie  
**Sent:** Tuesday, October 30, 2018 8:04 AM  
**To:** Carpenter, Eric; Coley, Roy; Toussaint, Geraldine  
**Subject:** Fwd: Preliminary MB Pilot  
**Attachments:** Combined File.kmz; ATT00001.htm; Untitled attachment 00312.html; ATT00002.htm; Miami Beach Pilot.kmz; ATT00003.htm; Untitled attachment 00315.html; ATT00004.htm; Path Distance, 10\_11\_18.xlsx; ATT00005.htm; Untitled attachment 00318.html; ATT00006.htm; attachment 1.docx; ATT00007.htm; Untitled attachment 00321.html; ATT00008.htm

Sent from my iPhone

Begin forwarded message:

**From:** <[ralph@mbeachconsulting.com](mailto:ralph@mbeachconsulting.com)>  
**Date:** October 30, 2018 at 6:16:50 AM EDT  
**To:** <[kathiebrooks@miamibeachfl.gov](mailto:kathiebrooks@miamibeachfl.gov)>  
**Subject:** FW: Preliminary MB Pilot

Dear Ms. Brooks:

Below and attached, please find Cablerunner's response to the Hazen & Sawyer report sent to Mr. Coley on October 22, 2018.

If you have any questions or comments, please do not hesitate to contact me. Thank you.

Regards,

Ralph

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**From:** Drew Guff [<mailto:drew.guff@multinet-cablerunner.com>]  
**Sent:** Monday, October 22, 2018 1:54 PM  
**To:** Roy Coley <[roycoley@miamibeachfl.gov](mailto:roycoley@miamibeachfl.gov)>  
**Cc:** Rafael Andrade <[ralph@mbeachconsulting.com](mailto:ralph@mbeachconsulting.com)>; Chad Rasmussen <[chad@cablerunner-usa.com](mailto:chad@cablerunner-usa.com)>  
**Subject:** Fwd: Preliminary MB Pilot

Dear Roy,

Attached please find the Cablerunner preliminary route plan for Miami Beach. As you can see, it is laid out only in storm drains (all between 15" and 36") and is laid only in selected lines. In all, it passes only 8.5 miles of pipe in total. This should allow for:

- 1). Passing many of the points that mobile carriers want in planning 5G antennae spots
- 2). Providing paths such that streets will not need to dug up by fiber companies or the carriers, potentially causing breaks in sewer or other infrastructure
- 3). Connecting key city buildings (the route passes City hall and can be expanded to include other municipal buildings
- 4). Requiring entry to only a small fraction of total pipe mileage. Installation time for such a path is short.

I've also enclosed Cablerunner's response, corrections and clarifications to the Hazen report.

Best regards,

Drew