



MIAMI BEACH

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LETTER TO COMMISSION

207-2011

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CITY CLERK'S OFFICE

TO: Mayor Matti Herrera Bower and Members of the City Commission

FROM: Jorge M. Gonzalez, City Manager

DATE: August 18, 2011

SUBJECT: BAL HARBOUR/SURFSIDE NEW SEWER FORCE MAIN PROJECT

This Letter to Commission is to provide information about a project that will install a new 16-inch sewer force main (pipeline transporting sewer under pressure) on Collins Avenue from 96th Street in the Bal Harbour Village, through the Town of Surfside, and ending in the City of Miami Beach at the 72nd Street parking lot. Currently, the sewer from Bal Harbour and Surfside is transported to the Miami Beach sewer system via a 1946 vintage force main that traverses through the Collins Court alleys in North Beach between Collins Avenue and Harding Avenue. There is no redundant force main; therefore, in case of a break, there is no ability to redirect the flow to another parallel force main. Repairing a force main break in the narrow alleyways would be extremely difficult and a major break would potentially impact the structural integrity of buildings contiguous to the alleyways. Because of these concerns, City staff requested the relocation of the force main to Collins Avenue and the final connection point moved from 76th Street and Collins Avenue to the 72nd Street parking lot; therefore, eliminating the entire force main through the alleys.

Scope of Work: installation of a new 16-inch force main along Collins Avenue from 96th Street to the 72nd Street parking lot. The new force main will be installed via a Horizontal Directional Drilling (HDD) construction method, not the standard open trench construction method. Under the HDD process a direction drill machine will drill a pilot hole from an angle entry point on the street to an exit point, at the exit point the end of the pilot hole pipe is attached to a reamer. The reamers is pulled back while rotating the drill pipe with as many passes as required to open up the correct diameter of hole to allow the new 16-inch sewer pipe to be pulled through the hole. Throughout this process, bore fluid which is normally a mixture of bentonite clay and water is being continually pumped. This process will install approximately 1,000 feet of fused pipe at a time.

Funding: the entire project at a cost of \$4.2 million is being funded by Bal Harbour and Surfside.

Schedule: the project has already started in Surfside, with construction work projected to start in Miami Beach in September and to be completed on or before December 1, 2011.

Public Outreach: there was a general public meeting held in Surfside on August 3, 2011. Specific public outreach meetings for Miami Beach are scheduled for Stella Maris residents on Tuesday, August 23, 2011 at 2:00 p.m. and a general meeting at the North Shore Youth Center on the same day at 6:00 p.m. The Public Notice Meeting flyer is attached.

After two meetings with City staff, the City Managers of Bal Harbour and Surfside agreed to and entered into a Letter of Understanding that addresses: restrictions for staging and pre-fabrication areas in front of the North Shore Open Space Park, lane closures, tie-ins and restoration work; minimization of construction impact to the North Beach business area between 75th Street and 72nd Street, including curbside parking; coordinated public outreach and community involvement plan; contractor option to lease a parcel of vacant land owned by the CMB or its agency for use as equipment/vehicle parking (the contractor elected to lease a vacant lot in Surfside); and a commitment to complete all pipeline work within Collins Avenue by or before December 1, 2011 in order to minimize impacts to the North Beach business community during the tourist and holiday season. Incidental tie-in and restoration work may continue in areas off Collins Avenue, such as the municipal parking lot at 72nd Street, beyond December 1st.

If you have any questions or need any additional information, please feel free to contact Fred Beckmann at 305.673.7080.



JMG/DRB/FHB

Attachment

PUBLIC MEETING NOTICE

Collins Avenue Forcemain Construction Project

The second Public Outreach Meeting for the Collins Avenue Forcemain Construction Project work is scheduled for **Tuesday, August 23, 2011 at 6:00 p.m.** This meeting will be held at the North Shore Youth Center Auditorium located at 501 72 Street.

During this meeting a presentation will be given by the Consultants and the Contractor regarding scheduling, phasing and type of construction that will be occurring in your Miami Beach neighborhood soon. It will also be a time for residents and business owners to ask questions and clarifications regarding these items.

We look forward to meeting with you and clarifying any questions that you may have.

For special assistance or general inquiries, please call 786-531-3798 or visit www.balharboursurfsideconstruction.com. Your call will be returned within 24 hours.

AVISO DE REUNIÓN PÚBLICA

PROYECTO DE CONSTRUCCIÓN DEL ALCANTARILLADO DE LA AVENIDA COLLINS

La segunda Reunión Pública acerca del Proyecto del Alcantarillado de la Avenida Collins está programada para el **día martes, 23 de agosto del 2011 a las 6:00 p.m.** Esta reunión se llevará a cabo en el **North Shore Youth Center Auditorium** localizado en 501 72 Street.

Durante la reunión los consultores, y contratistas darán una presentación donde proveerán información sobre el tiempo previsto para el proyecto, los horarios de trabajo, las fases y el tipo de construcción que ocurrirá dentro de poco tiempo en su vecindario. Este será el mejor momento para que residentes y dueños de negocios hagan preguntas y aclaraciones relacionadas con este proyecto.

Esperamos verlos en la reunión para aclarar cualquier duda o pregunta que ustedes tengan al respecto.

Para preguntas generales o asistencia especial, por favor lláme al 786-531-3798, o visite nuestra página en la red, www.balharboursurfsideconstruction.com