

Memorandum

MIAMI-DADE
COUNTY

Date: December 16, 2010

To: Honorable Chairman Jose "Pepe" Diaz
and Members, Airport & Seaport Committee

From: George M. Burgess
County Manager



Subject: Monthly Report from the Florida Department of Transportation on the Port of Miami Tunnel

ASC

Agenda Item No. 7(B)

Attached is a report provided by the Florida Department of Transportation regarding the Port of Miami Tunnel Project. The report responds to a request made during consideration of the Port Tunnel item on July 24, 2007 that the Board be updated on the status of the project on a monthly basis.



Assistant County Manager



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

1000 NW 111th Avenue
Miami, Florida 33172-5800

STEPHANIE C. KOPELOUSOS
SECRETARY

November 29, 2010

The Honorable Jose "Pepe" Diaz
County Commissioner, District 12
Stephen P. Clark Center
111 NW First Street, Suite 320
Miami, FL 33128

RE: Monthly Progress Report on the Port of Miami Tunnel

Dear Commissioner Diaz:

Enclosed is the Monthly Progress Report for November 2010 on the Port of Miami Tunnel for inclusion in the next Airport and Seaport Committee meeting of the Board of County Commissioners.

If you or your colleagues have questions or comments, please feel free to contact me at 305-470-5197.

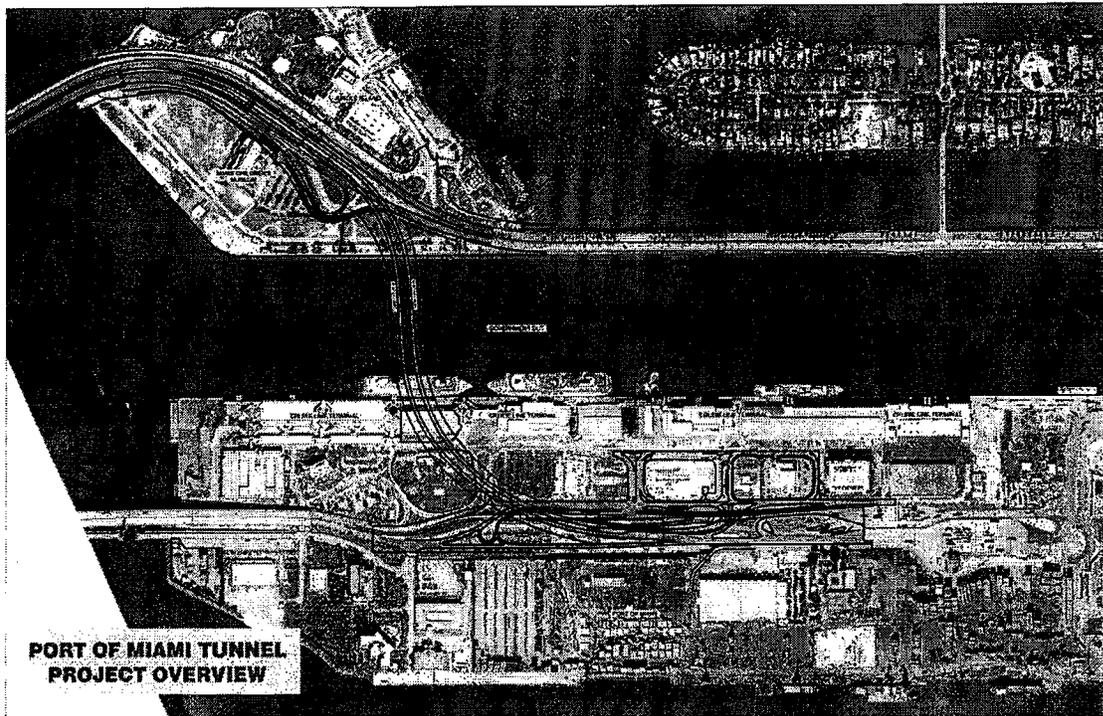
Sincerely,

A handwritten signature in black ink, appearing to read "Gus Pego".

Gus Pego, P.E.
District Secretary

Enclosure

cc: Carlos A. Migoya, City Manager, City of Miami
Jorge M. Gonzalez, City Manager, City of Miami Beach
Ysela Llort, Assistant County Manager
Bill Johnson, Seaport Director



NOTICE TO PROCEED #1 – DESIGN	OCT 15, 2009	CONCESSION AGREEMENT:	35 YEARS
NOTICE TO PROCEED #2 - CONSTRUCTION	MAY 24, 2010	DESIGN & CONSTRUCTION DURATION:	55 MONTHS
PROJECTED CONSTRUCTION SUBSTANTIAL COMPLETION	MAY 15, 2014	CONCESSIONAIRE:	MAT CONCESSIONAIRE, LLC
CONSTRUCTION COST:	\$607,000,000	DESIGN/BUILD CONTRACTOR:	BOUYGUES CIVIL WORKS FLORIDA (BCWF)
MILESTONE PAYMENT DURING CONSTRUCTION:	\$100,000,000	OPERATOR / MAINTENANCE CONTRACTOR:	TRANSFIELD / VMS
MILESTONE PAYMENT AT FINAL ACCEPTANCE:	\$350,000,000	FDOT OWNER'S REPRESENTATIVE & CEI:	PB AMERICAS

CURRENT MAJOR ACTIVITIES:

Design:

Final plans for Parrot Jungle Trail, MacArthur Causeway Roadway, Retaining Walls and Drilled Shafts have been released for construction. Design efforts continue on the MacArthur Causeway Bridge widening and 60% plans have been submitted and are under review by the Department. Support of Excavation Final plans have been submitted and are under review by the Department. In addition, the Tunnel Lining (90%) plans have also been submitted for review. Review and comment resolution meetings are on going. The geotechnical exploration work as part of the design phase on Watson Island has been

completed. The Design-Build Team continues to work with governmental agencies in the development of the Master Signage Plan for the overall project.

Contractor submitted Final Package #1 plans for the Dodge Island Roadways, which includes early utility relocation work and drainage along the southern project limits. In addition, the Support of Excavation (60%) Plans and Cut & Cover Tunnel Plans have been received and are currently under review by the Department. The soil and utility investigation work is still on going on Dodge Island and should be completed in November. In addition, geotechnical exploration in the channel is ongoing. Contractor has obtained permits from Army Corp of Engineers, DERM, and FDEP for sonic cores in the channel.

Construction:

Contractor completed the new alignment and shifted Eastbound MacArthur Causeway on Nov. 17, 2010 to the south in order to widen the median to accommodate the construction of the tunnel. Traffic has also been shifted onto the new Parrot Jungle Trail exit ramp. Contractor continues to work on the drainage work in the median and the retention pond on Watson Island. Grout batch plant has been installed for the Support of Excavation Activities on Watson Island and contractor continues to work on the U-Wall construction, specifically the Concrete Soil Mix (CSM) walls. Contractor continues the construction of the Mechanically Stabilized Earth (MSE) walls on the south side of MacArthur Causeway.

Contractor is still in the process of obtaining the site installation permits on Watson Island for the tunnel support operations (water treatment plant, the concrete batch plant, cooling system and power system) which will all be located under the MacArthur Causeway Bridge.

Contractor continues site establishment on Dodge Island, which includes fencing the construction perimeter along the southern limits in accordance with Package #1 plans.

The Tunnel Boring Machine (TBM) is currently being designed and fabricated, and early assembly began during the first week of October 2010. The machine is expected to arrive to the project in May 2011. Contractor continues to work on the temporary electrical service point that will supply power to the TBM on Watson Island.

COMMUNITY OUTREACH / RECRUITMENT EFFORTS:

The Concessionaire continues a vigorous job recruitment effort and the Contractor has hired four Carpenters to assist with the U-Wall construction. They have also added seven more for the Support of Excavation team. These employees are working on the Cap Beam and Flood Wall, as well as providing support to Malcolm Drilling operations. All these employees were recruited from different parts of the community and are a good representation of Miami-Dade County. Contractor has currently 58 Labors on staff.

Outreach and recruitment efforts to secure contractors and suppliers from Miami-Dade County continue aggressively. To date over 100 contracts and purchase orders with local companies and suppliers have been signed. In addition, local DBE efforts remain strong. The Concessionaire held two press conferences for the launch of "Operation 305" at the Port. Over 4000 invitations have gone out to all registered DBE firms from the County and FDOT list. In addition, over 30 government and civic organizations have joined with the Concessionaire to notify local companies of the event. Newspaper advertisements, radio ads on both English and Spanish stations and over 3000 e-vites have been sent out by the Concessionaire.

UPCOMING MAJOR ACTIVITIES:

The Contractor will begin to work on CSM shafts and tie-downs for support of excavation on the TBM launching pit on Watson Island. In addition, the Contractor is expected to begin the demolition of the old Port Security Gate and initial utility relocation work on Dodge Island as per Package #1 plans.

PROJECTED COMMUNITY OUTREACH / RECRUITMENT EFFORTS:

The Concessionaire will hold a contractor and supplier forum - "Operation 305" on December 1st at the Port of Miami, Terminal J. More information is available at www.tunneloperation305.com.



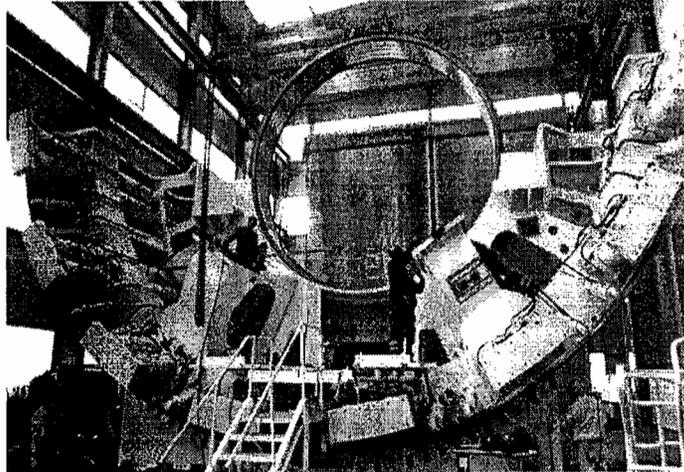
MacArthur Causeway Aerial – New Eastbound Lanes (11-23-10)



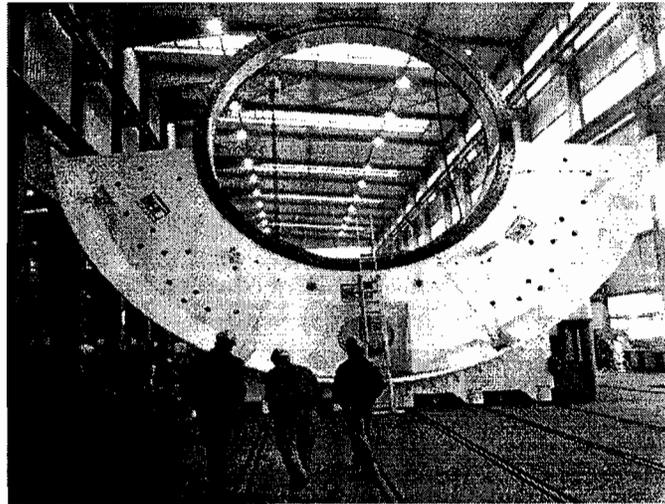
Watson Island – New Parrot Jungle Trail & New Eastbound Lanes on MacArthur Causeway & Support of Excavation Work (11-23-10)



Dodge Island – Roadways / Old Port Gate (11-23-10)



Tunnel Boring Machine (TBM) Front Shield Bottom Assembly (11/10)



Tunnel Boring Machine (TBM) Front Shield Bottom Assembly (11/10)