

Memorandum



Date: May 11, 2017

To: Aileen Bouclé, AICP, Executive Director
Transportation Planning Organization

From: *FN* Alice N. Bravo, P.E., Director *F. Bravo*
Department of Transportation and Public Works

Subject: 2040 Long Range Transportation Plan Amendment
SW 87 Avenue Bridge over Canal C-100

The Department of Transportation and Public Works (DTPW) proposes to amend the 2040 Long Range Transportation Plan in accordance with the attached form.

DTPW proposes to construct a new bridge along SW 87 Avenue over Canal C-100 to address roadway connectivity and capacity needs in the area. Road Impact Fee District 5 funding has been identified for the SW 87 Avenue bridge over Canal C-100 (\$1,864,995).

DTPW performed an analysis to evaluate the feasibility of connecting SW 87 Avenue and SW 77 Avenue over the canal to provide more alternatives to the northbound traffic in the area. This alternative reduces the SW 87 Avenue at SW 168 Street intersection delay by 60 seconds (AM peak period) per vehicles with no significant impact at the intersections of SW 87 Avenue and SW 160 Street and SW 152 Street. The biggest improvement of this alternative occurs at the intersection of SW 168 Street and SW 82 Avenue where the delay is reduced by 197 seconds. It also offers a delay improvement at the intersection of SW 82 Avenue and SW 160 Street with a delay reduction of 43 seconds per vehicle.

A second scenario was considered where the intersection of SW 168 Street and SW 82 Avenue is control by a roundabout. This scenario offers the same improvements above described plus additional delay reductions at the subject intersection of 190 seconds.

Please take the necessary actions to schedule this request on the next available Transportation Planning Council and Transportation Planning Organization Governing Board meeting agendas.

Attachment



LRTP AMENDMENT FORM

Date Submitted: May 11, 2017 **Submitted by:** Miami-Dade County Department of Transportation and Public Works (DTPW)

Project Current LRTP Priority: N/A **Origin of Request:** DTPW

Project Title: SW 87 Avenue Bridge over Canal C-100

Amendment Proposed: Include in Priority I

Change to Existing LRTP Project: _____ **Addition of New LRTP Project:** X

PROJECT AMENDMENT:

Type of Amendment	Funding Source	X	Time Schedule	X
	Funding Level	X	Scope of Work	X

Amendment Description (brief): The project will consist of a new bridge along SW 87 Avenue over Canal C-100.

Justification for the Amendment: The project will address roadway connectivity and capacity needs in the area. Road Impact Fee District 5 funding has been identified for the SW 87 Avenue bridge over Canal C-100 (\$1,864,995).

Requested amendment affect other projects	Yes		If yes...	Local	
	No	X		State	

Please, indicate affected projects:	1	
2	3	

Project has been previously amended	Yes		If yes...	Date	
	No	X		MPO Res. #	

Contact Person:	Dennis Fernandez	Title	Manager, Bridge Engineering, DTPW
Phone #:	786-469-5264	Fax #:	
		e-mail:	Dennis.Fernandez@miamidadec.gov

