Memorandum

MIAMI-DADE COUNTY

Date: November 10, 2005

RTC
Agenda Item No. 7(I)

To: Honorable Chairman Carlos A. Gimenez
and Members, Regional Transportation Committee

From: George M. Burgess
County Manager

Subject: October 2005 Monthly Progress Reports

Attached please find the October 2005 Monthly Progress Reports for the Miami-Dade Transit and Aviation Departments as well as Public Works Peoples' Transportation Plan (PTP) projects,

10/5/05

Assistant County Manager

Public Works Department (PWD)
People's Transportation Plan (PTP) Goals Report
Regional Transportation Committee (RTC)
October 14, 2005

Goal #1: Implement PWD's Major PTP Projects

Project	Limits	Comm. Dist	Design Status	Construction Status	Start Const.	End Const.	Const. Estimate	Comments
- District 1 *Resurfacing*	Sections: 5-52-41, 8-52-41, 9-52-41, 14-52-41, 16-52-41, 18-52-41	1	100%	33% Complete*	02/2004	06/2005*	$5.09 M	*4 out of the 6 (67%) sections are on hold due to CMO negotiations with Miami Gardens over PTP fund usage
- NW 62 St *Resurfacing & Traffic Improvements*	NW 37 Ave to I-95	2	85%	0%	10/2005	07/2006	$ 1.4 M	Under Design by City of Miami Consultant. JPA for Construction approved 9/30/05.
- NE 2 Ave *Street & Traffic Improvements (Four Segments)*	NE 20 St to West Little River Canal	3	5%	0%	05/2006	*05/2007	$ 21.4 M	*City of Miami is designing the project in phases. JPA forthcoming for Construction.
- NE 2 Ave *Street & Traffic Improvement*	West Little River Canal to NE 91 St	3	30%	0%	11/2006	11/2007	$ 4.0 M	Under design. To be completed April '06
- SW 62 Ave *Street Improvements*	SW 24 St to NW 7 St	6	30%	0%	11/2006	11/2007	$ 7.7 M	Under design. To be completed April '06
- NW 82 Ave / NW 8 St *Roadway Reconstruction*	NW 7 to 10 St/NW 87 to 79 Ave	6	100%	0%	09/2005	09/2006	$ 2.0 M	Designed by DERM. Construction to begin in September 2005.
- Grand Ave *4 to 2 lanes* Gimenez	SW 37 Ave to SW 32 Ave	7	100%	100% Complete	10/17/04	8/31/05	$ 2 M	Complete.

Project	Limits	Dist	Design Status	Construction Status	Start Const.	End Const.	Const. Estimate	Comments
- South Miami Av *Traffic calming, curbs & sidewalks*	SW 25 Road to SW 15 Road	7	70%	0%	10/2005	12/2006	$ 840 K	Under Design by City of Miami Consultant. JPA for Construction approved 9/30/05.
- SW 62 Ave *5 to 2 lanes*	SW 70 St to SW 64 St	7	30%	0%	11/2006	11/2007	$ 2.3 M	Under design. To be completed April '06.
- SW 97 Ave *2 to 3 lanes*	SW 72 St to SW 40 St	7, 10	100%	0%	*03/2006	03/2007	$4.7 M	*Roadway Construction is pending completion of WASD Water Main Project by March 2006.
- SW 160 St *New 4 lane road*	SW 147 Ave to SW 137 Ave	9	30%	0%	11/2006	11/2007	$ 6 M	Under design. To be completed April '06.
- SW 127 Ave *Widen to 4 lanes with median, swales and frontage road*	SW 120 St to SW 88 St	10	50%	0%	09/2006	03/2008	$ 7.4 M	Under design with RIF funding. Estimated completion date 12/05.
- New Access to Country Walk *Land acquisition and road extension*	SW 143 Terr from Railroad tracks to SW 136 St	11	*99%	0%	12/2005	06/2006	$ 450 K	Land acquired. *Under design - Completion pending CSX completion of RR crossing design.
- SW 157 Ave *New 4 lane road*	SW 120 - 136 St -.-.-.-.-.-.-.-.-.-.-.-. SW 112 -120St	9,11 -.-.-. 11	0% -.-.-.-.-.- 25%	0% -.-.-.-.-.-.-.-.-.-.-.- 0%	02/2008 -.-.-.-.-.-.-.-. 12/2006	02/2009 -.-.-.-.-.-.-.-. 12/2007	$ 5.4 M -.-.-.-.-.-.-.-. $ 3.5 M	Undergoing Consultant Selection. -.-.-.-.-.-.-.-.-.-.-.-.-.-.-. Under design with PRD contract.
- NW 138 St *New 5 lane bridge*	Over Miami River Canal	12	30%	0%	11/2006	11/2007	$ 4.7 M	Under design. To be completed April '06

3

Project	Limits	Dist	Design Status	Construction Status	Start Const.	End Const.	Const. Estimate	Comments
- NW 74 St *New 3 lane road*	NW 87 Ave to NW 107 Ave	12	55%	0%	05/2006	05/2007	$ 6 M	Under design, JPA with FDOT. Design will be complete in 12/05.
- NW 97 Ave *2 to 4 lanes (Two Segments)*	NW 41 St to NW 25 St	12	0%	0%	02/2008	02/2009	$ 6 M	Undergoing Consultant Selection. Design should begin by early 2006.
- NW 87 Ave *2 to 4 lanes*	NW 186 St to NW 154 St	13	*0%	0%	Unknown	Unknown	$ 8.355 M	*Consultant Award Recommendation Withdrawn from July BCC.

Goal #2: Implement PWD's Neighborhood PTP Projects

- 18 PTP Open Construction Contracts (totaling $21.0 Million) are actively addressing the following projects:
  - Open Contracts for: Resurfacing, Sidewalks, Drainage, Striping, ADA Sidewalks, School Flashing Signals, Traffic Signals, Guardrail.
  - Over $10.0 Million in work orders have been issued to date.
- In an effort to accelerate many neighborhood projects, PWD is taking advantage of various contracting mechanisms, such as the Miscellaneous Contracting processes available under CICC contracts 7360 and 7040.
- PWD continues to work with each Commission District Office to prioritize projects for Neighborhood Improvements.

Goal #3: Picking the "Low-Hanging" PTP Fruit

- Faded and damaged street name signs are still being replaced with the newer sign design throughout the County. Over 22,000 new street name signs have been replaced since December 2003.
- Phase 1 of the Illuminated Street Name Sign Pilot Program (ISNSPP) is installed and under evaluation. Phase 2 of the illuminated street name sign program will employ the new LED technology. PWD has placed the first order for the new LED signs at 24 locations throughout the County. New illuminated signs will begin going up at 12 of the 24 intersections by end of October 2005.

Goal #4: Commence Work on all PWD PTP Projects

Number of Site Specific Projects	44	Location / Limits (Commission District)
Projects Complete	4	- District 7 Resurfacing of Roads with Poor to Fair Conditions - NW 22 Ave / NW 135 St to SR 9 (Dist. 1) - NW 22 Ave / NW 135 St to NW 62 St (Dist. 2) - NW 62 Ave / NW 138 St to NW 105 St (Dist. 13) – Ribbon Cutting on August 22.
Under Construction	2	- District 1 Resurfacing of Roads with Poor to Fair Conditions - Grand Ave / SW 37 Ave to SW 32 Ave (Dist. 7)
Design Complete. Begin Construction in 2005	1	- NW 82 Ave – NW 8 St / NW 7 to 10 St – NW 87 to 79 Ave (Dist. 6)
Design Complete. Begin Construction in 2006	2	- SW 97 Ave / SW 40 St to SW 56 St (Dist. 10) - SW 97 Ave / SW 56 St to SW 72 St (Dist. 7)
Under Design by MDC Consultants	9	- NE 2 Ave / W Little River Canal to NE 91 St (Dist. 3) - SW 62 Ave / SW 24 St to NW 7 St (Dist. 6) - SW 62 Ave / SW 70 St to SW 64 St (Dist. 7) - SW 160 St / SW 147 Ave to SW 137 Ave (Dist. 9) - SW 127 Ave / SW 88 St to SW 120 St (Dist. 8, 10) - New Access to Country Walk / SW 136 St to RR Tracks (Dist. 11) - SW 157 Ave / SW 136 St to SW 112 St (Dist. 11) - NW 138 St Bridge / Over Miami River Canal (Dist. 12) - NW 74 St / NW 87 Ave to NW 107 Ave (3-lane) (Dist. 12)
Under Design by City of Miami	3	- NW 62 St / NW 37 Ave to I-95 (Dist. 2) - South Miami Ave / SW 25 Road to SW 15 Road (Dist. 7) - Feasibility Study for the Miami River Tunnel (Dist. 5)
Begin Design by City of Miami in 2005 & 2006	4	- NE 2 Ave / NE 20 St to NE 36 St (Dist. 3) - NE 2 Ave / NE 36 St to NE 43 St (Dist. 3) - NE 2 Ave / NE 43 St to NE 62 St (Dist. 3) - NE 2 Ave / NE 62 St to W Little River Canal (Dist. 3)
Projects to be Advertised for Design by MDC Consultants in 2005	11	- NW 37 Ave / NW North River Drive to NW 79 St (Dist 2) - NW 7 St / NW 72 Ave to NW 37 Ave (Dist. 6) - SW 27 Ave / US-1 to Bayshore Drive (Dist. 7) - NW 97 Ave / NW 25 St to NW 41 St (Dist. 12) - SW 157 Ave / SW 184 St to SW 152 St (Dist. 9)

		- SW 136 St / SW 149 Ave to SW 139 Ct (Dist. 9) - SW 216 St / SW 127 Ave to HEFT (Dist. 9) - SW 176 St / US-1 to SW 107 Ave (Dist. 9) - SW 180 St / SW 147 Ave to SW 137 Ave (Dist. 9) - SW 264 St / US-1 to SW 137 Ave (Dist. 9) - SW 72 Ave / SW 40 St to SW 20 St (Dist. 6)
Undergoing further Project Development – Projects will begin design in 2006 or later.	8	- Miami Gardens Dr Connector / US-1 to William Lehman Cswy (Dist. 4) - South Bayshore Dr / McFarlane Rd to Aviation Ave (Dist. 7) - SW 120 St / SW 137 Ave to SW 117 Ave (Dist. 8) - SW 137 Ave / HEFT to US-1 (Dist. 8) - SW 137 Ave / US-1 to SW 184 St (Dist. 8) - SW 312 St / SW 187 Ave to SW 177 Ave (Dist. 8) - SW 87 Ave / SW 216 St to SW 168 St (Dist. 8) - NW 87 Ave / NW 186 St to NW 154 St (Dist. 13)

- Miami River Tunnel Feasibility JPA:
  The JPA was approved by the CITT on March 30, 2005. The feasibility study is underway and being managed by the City of Miami. A draft report will be submitted to the City and County by October 14, 2005. Completion of the study is expected by December 2005.

- Advanced Traffic Management System (ATMS):
  On July 7, 2005, the BCC approved the initial consultant contract with Kimley-Horn and Associates, Inc. (KHA) for the installation and implementation of a new ATMS. KHA is actively working toward the initialization of the alpha testing on 16-18 signals in December 2005. KHA will also begin moving all of the County's signals onto the new system from 2006 through 2008.

  Current Contract with Kimley Horn and Associates (KHA) -- On July 18, 2005, KHA's new $9 million contract to develop and install the ATMS took effect and the Notice to Proceed with Phase 1 of the contract was issued. Phase 1 calls for the installation of an Alpha Test on 16 intersections in the Doral area within six months for a lump sum fee of $325,000. That effort is underway and ahead of schedule. Phase 2 efforts are also being negotiated between MDPW and KHA.

  Design of the new Traffic Control Center has been advertised for consultant selection, and it is expected that a consultant will begin design by December 2005. The new center will be located at the PWD facility on NW 58 Street.

Miami- Dade Transit (MDT)
Regional Transportation Committee October 14, 2005
Goals reported for September 2005

Goal #1: Implement goals of Peoples' Transportation Plan (PTP)

- **Transit Corridor Update**
  The following are brief status bullets on Transit Corridors:

Miami Intermodal Center (MIC)-Earlington Heights Corridor

- Right-of-way acquisition progresses for this project. The list of folios affected by the MIC-EHT project is being refined based upon the revised alignment. Several of the folios required (approx. 10) have already been acquired by the Miami Dade Expressway Authority (MDX). Those folios support both the Metrorail project and the proposed State Road (SR) 112/SR 836 Interconnector.
- MDT, supported by Miami-Dade Public Works, is in the process of acquiring the Island Shipping Lines property on South River Drive at a negotiated price of $5.3 million. This acquisition was approved by the BCC on July 7th, 2005 and the CITT on July 27th, 2005. The property includes two of the folios currently identified as required for the project right-of-way. Closing is expected in late 2005.
- Utility Relocation Engineering has commenced and Utility Relocation Construction is scheduled to commence in late-2006.
- The U.S. Coast Guard has assumed lead agency for the project, and will issue the federal Record of Decision (ROD) and the permit to cross the Miami River. The ROD is expected in April 2006.
- Final design is in progress.
- Project Completion-October 2010

North Corridor

- Preliminary Engineering (PE) for the corridor is in progress and is scheduled to be completed in December 2005.
- On September 16, 2005 MDT made the specific submittal of the New Starts criteria for the project to the Federal Transit Administration (FTA), for inclusion of the project in the *FY2007 Annual Report on New Starts*. Receipt of a recommendation by FTA and inclusion in the *Annual Report on New Starts* are required to compete for federal funding.
- Concurrent with the preliminary engineering effort, MDT is also finalizing the project planning phase under the National Environmental Policy Act (NEPA), as required by the Federal Transit Administration

(FTA). The Supplemental Draft Environmental Impact Statement (SDEIS) is scheduled to be submitted to the FTA in September 2005.

- The current draft schedule update for this project reflects a completion date of December 2012.

East-West Corridor (MIC to Florida International University FIU)

- MDT and the planning consultant (HNTB) met with FTA on March 14, 2005, and as of late as August 9, 2005, to develop an expedited plan of action for this corridor that makes maximum use of prior planning work done by FDOT in the mid- to late-1990's. The FTA agreed to accept a Supplemental Draft Environmental Impact Statement (SDEIS) for the MIC-FIU alignment. Within the SDEIS, MDT will evaluate a No-Build Alternative, a Transportation System Management (TSM)/Baseline Alternative, and a Heavy Rail/Metrorail Alternative. The consultant (HNTB) has commenced work on the SDEIS which is scheduled take approximately 18 months to complete.
- The current projected completion date for this project is December 2014.

Baylink

- This corridor will be re-evaluated for development with funding expected to be available commencing in 2016.

South Dade

- An Alternatives Analysis (AA) commenced in November 2004 to define new premium transit improvements from the Dadeland area to Florida City, in addition to the current Busway Extension to Florida City project. The intent is to provide short-, mid- and long-term transit investment strategies for this rapidly growing region of Miami-Dade County.
- On August 10, 2005 the Citizens' Advisory Committee (CAC) advanced three build alternatives (Light-Rail, Metrorail Extension to Florida City and Metrorail Extension to SW 104th Street) to the Tier II analysis.
- Completion of the Alternatives Analysis is scheduled for January 2006

Kendall

- An Alternatives Analysis (AA) is scheduled to commence in September 2005 to re-evaluate the existing Locally Preferred Alternative (LPA). The LPA provides bus rapid transit (BRT) improvements along the corridor, including a 4-mile reversible and exclusive bus lane. The study will evaluate transit investments from the Dadeland area to SW 157 Avenue and also a north-south connection to the East-West (MIC-FIU) premium transit corridor improvements.

Northeast

- District 4 (FDOT) is the lead agency for this project, including contract award.

- The study limits extend from Downtown Miami to Jupiter, a corridor length of 81 miles.
- The Miami-Dade County segment is 13.6 miles in length.
- **FDOT District 4 executed a contract with Gannett Fleming during June 2005.**

- **PTP Newsletter:**
  Miami-Dade Transit (MDT) and the Office of the Citizen's Independent Transportation Trust (CITT) have jointly developed a new electronic and printed monthly newsletter. *Go Miami-Dade* will present updates on significant PTP-funded transit, CITT and public works projects. The first issue, set for October, will be sent to thousands of residents, community stakeholders and decision makers at the local, state and federal levels. The newsletter also will be available online on the County's new transportation portal, Go.miamidade.gov.

Goal #2: Recreate Department's image through futuristic designs and facilities integrated into the system

Status:

- **Metromover Replacement Update**
  Miami-Dade Transit entered into revenue service in 1986 with twelve (12), original Phase 1 Metromover vehicles. These vehicles have reached their life expectancy after 20 years and will be replaced with twelve (12) new Mover cars. The acquisition of these new vehicles is a sole-source procurement with Bombardier Transportation.

  Miami-Dade Transit has completed its negotiations with Bombardier Transportation for the purchase of twelve (12) new vehicles that also includes an option to purchase (17) seventeen additional vehicles, on a mutually agreed upon delivery schedule, to replace the Phase II fleet. An "Agreement in Principle" has been reached. The Contract Documents were forwarded to Bombardier Transportation on September 21, 2005, for their review. Their comments were received on September 29th, which are now under review by MDT and WGI personnel for insertion into the contract documents. Projections for Award and Notice to Proceed are anticipated to be granted by March 2006.

  The interior of the cars will feature new seats, flooring, windows, panels, signage, public address system, lighting, communication system, and closed circuit television to enhance safety. Wheelchair customers will have additional dedicated spaces and priority seating for senior and disabled riders. In between car barriers will

- **Bus Passenger Shelter Installation**
  The Cemusa contract calls for the installation of 3,000 new bus passenger shelters throughout unincorporated Miami-Dade County by October 2006. As of August 31, 2005, there were **924** shelters installed. MDT has been working very closely with the Miami-Dade Public Works Department to expedite the permitting and inspection of shelters.

- **Bus Stop Sign Installations**
  As of August 31, 2005, **3,405** of the new state-of-the-art bus stop signs have been installed throughout Miami-Dade County to date. The new signs offer a square green post with a map panel. Each panel shows the individual route maps for that stop and the scheduled arrival times for the time points closest to that stop. The remaining 6,000 existing signs throughout the County are expected to be completed by the end of the year.

Goal #3: Improve the system's reliability

- **New South Beach Local:**
  On Sunday, September 25, 2005, services for the new South Beach LOCAL kicked off to a great start. This service replaced Miami Beach's Electrowave. Residents & visitors from the area received the service change with great enthusiasm. Residents of Rebecca Towers, specifically, appreciated the low floor Optare buses assigned to the route.

  MDT's Quality Service staff provided assistance with monitoring the route for improvements and customer assistance. Monitoring of the route continued through Friday, September 30, 2005.

  The new route was introduced with flyers, brochures and ads in the Herald, SunPost, Wire, New Times and other publications. A direct-mail color brochure with a route map includes a coupon good for 10 free rides. A special celebration to kick off the route will be held on October 21, 2005, at the Miami Beach Botanical Gardens. The event will include music, food and a free tour of the alignment and free admission and drink specials at several participating nightclubs.

- **MDT Action Plan:**
  As presented at last month's Regional Transportation Committee meeting, in response to soaring gas prices in the wake of Hurricanes Katrina and Rita, MDT has developed an aggressive action plan to attract new "choice" riders seeking relief from high gas prices. In addition to improvements on Metrobus and Metrorail, the plan calls for a major advertising push on radio, TV and print with the message that is a low-cost and convenient alternative to driving. Additionally, an enhanced park and ride component is an integral part of the plan and improvements to customer services and information.

Goal #4: Improve the courtesy and customer service provided

- **Golden Passport Outreach:**
  MDT staff is visiting several seniors centers, health centers and other sites with large numbers of seniors to conduct Golden Passport signups and distribute Golden Passport Discount Booklets.

- **Hispanic Heritage Tours:**
  Weekly Hispanic Heritage Tours return this October with a new route. The kickoff celebration was held on September 30, 2005, at the Latin Quarter Cultural Center. For additional information or to schedule a tour, call 305.770.3131

Miami-Dade Aviation Department
Goals and Objectives
Report to Regional Transportation Committee Meeting
for the October 14, 2005

1. Maximize General Aviation (GA) Activities and Development Potential

The Opa-locka Airport Development Task Force submitted its preliminary report to the Board of County Commissioners at its September 8, 2005 meeting. The preliminary report outlines a variety of possible aviation and non-aviation-related businesses and opportunities that could be suitable for the further development of Opa-locka Airport. The Task Force reported that it looks forward to expanding upon these recommendations in the coming months.

The Miami-Dade Aviation Department (MDAD) continues to develop and implement its GA Business Improvement Plan, with short-term, mid-term and long-term goals to achieve positive net operating revenues and increase facilities and services available to the GA community. Thus far, a financial baseline has been established, and minimum business standards have been developed and reviewed by tenants, users and the FAA. Requirements and mechanisms for enforcement are being phased in over three to five years.

2. Improve Miami International Airport's (MIA)Competitiveness

The Marketing Division is more than two and one half years into a three-year campaign to increase air service, both international and domestic, to MIA. Marketing works in collaboration with the Department's air service development consultant, SH&E, a globally recognized international air transport consultancy.

During the first half of 2005, six international air carriers received an air service feasibility study for new service to MIA. By the end of 2005, the original goal of presenting such studies to twenty-six targeted international carriers during the three-year period ending December 2005 may be surpassed by a projected thirty-two total presentations. The carriers selected are from Europe, Africa, Asia and the Middle East, and are strategically selected as part of the plan to expand MIA's east/west international route network to supplement the strong north/south routes in place. New international route development can take a period of two to five years for fruition, from the time of route analysis presentation to commencement of the new flight. The ultimate attainment of service from one to two carriers from each region would validate the overall campaign as successful.

For domestic air service development, during 2005, Marketing has met with one Low Cost Carrier (LCC) and has recently commenced working with a second LCC that has shown genuine interest in the Miami market. At the end of the campaign, a total of six LCC's will have received service analysis studies recommending US destinations that can be viably served by the carrier to/from MIA. On September 7, 2005, Ted, the low fare unit of United Airlines commenced service to MIA, and by October 31, will replace United's mainline service with twice-daily flights to Chicago-O'Hare, Washington-Dulles, and Denver. ATA Airlines, which withdrew from several markets earlier in 2005 as part of a reorganization plan, has announced an October 29 return to MIA, but will not return to Fort Lauderdale airport. ATA will commence Chicago-Midway service. Yet another LCC targeting an early 2006 start-up continues its dialogue with MDAD and may announce its final plans to service MIA this fall.

12

3. Expedite Completion of Capital Improvement Program (CIP)

MDAD's $5.237 billion dollar updated CIP, approved by the Board of County Commissioners at its June 21, 2005, meeting, includes expanded airfield terminal and landside facilities to provide enhanced capacity and functional efficiency.

Over $2.901 billion of the CIP has been paid for work in place. Approximately $1.7 billion in completed projects are in use. Construction is progressing on $3 billion worth of contracts and $500 million worth of projects are in planning, design, bidding and award phases.

The South Terminal Development ($890 million), North Terminal development ($1.942 billion) and Total Airport Management Systems ($97 million) are the major programs currently under construction in addition to many smaller projects. South Terminal with more than one thousand (1,000) workers on site is progressing at a pace of approximately $1 million in construction every working day. The project opening is projected for spring of 2006. MDAD has assumed the management responsibility for the North Terminal Development (NTD) Program as approved by the BCC on June 21, 2005. A separate report on the status of the NTD will be provided during today's RTC meeting. The Total Airport Management System encompasses replacement of obsolete computer and network based IT systems including the

following important components: Common Use Terminal Equipment, Airport Operation Information System, Building Management System, Public Address System Infrastructure, and Premise Distribution System.

The MIA Mover consists of an Automated People Mover system connecting the terminal building to the new Rental Car Facility and Miami Inter-modal Center. The project has been advertised as a Design-Build-Operate-Maintain contract. System start is scheduled for mid 2009.

For completed construction, design, QA/QC inspections and related work, over $425 million was paid out during FY 2003-04 and despite the NTD slow down, work valued at $233 million was completed during the first six months of the current fiscal year.

4. Make MIA and General Aviation Airports Environmentally Friendly

The Environmental Assessment (EA) for Operational Changes at MIA has been placed in final-draft form and will be submitted to the FAA for final review and posting in the Federal Register. The comment period for the public as well as Federal and State organizations is approximately 60 days. At this point, provided we receive no additional comments, which would require us to modify the document, the FAA will be in a position to issue a *FONSI* (no significant effects on the human environment) on the project.

MDAD has also begun two additional EA's. One for a new Air Traffic Control Tower at Opa-locka Airport and the other for a runway extension at Kendall-Tamiami Executive Airport. Both of these EA's are required by the FAA to determine whether any adverse environmental impacts are associated with the developments. The scopes of work for these projects have been passed by the FAA, and we are hopeful the FAA will reimburse us on the cost of the EA's, a cost greater than $300,00

Memorandum

MIAMI-DADE COUNTY

Date:

To: Honorable Chairman Carlos A. Gimenez
and Members, Regional Transportation Committee

From: George M. Burgess
County Manager

Subject: November 2005 Monthly Progress Reports

Attached please find the November 2005 Monthly Progress Reports for Public Works and Transit Departments Peoples' Transportation Projects.

Assistant County Manager 11/3/05
Date

Miami- Dade Transit (MDT)
Regional Transportation Committee November 10, 2005
Goals reported for October 2005

Goal #1: Implement goals of Peoples' Transportation Plan (PTP)

- **Transit Corridor Update**
  The following are brief status bullets on Transit Corridors:

Miami Intermodal Center (MIC)-Earlington Heights Corridor

- Right-of-way acquisition progresses for this project. The list of folios affected by the MIC-EHT project is being refined based upon the preliminary alignment. Several of the folios required (approx. 10) have already been acquired by the Miami Dade Expressway Authority (MDX). Those folios support both the Metrorail project and the proposed State Road (SR) 112/SR 836 Interconnector.
- MDT, supported by Miami-Dade Public Works, is in the process of acquiring the Island Shipping Lines property on South River Drive at a negotiated price of $5.3 million. This acquisition was approved by the BCC on July 7th, 2005 and the CITT on July 27th, 2005. The property includes two of the folios currently identified as required for the project right-of-way. Closing is expected in late-2005.
- Utility Coordination as part of the preliminary engineering portion of final design has commenced and Utility Relocation Construction is currently scheduled to commence in late-2006.
- The U.S. Coast Guard has assumed the position of lead federal agency for the environmental process and will issue the federal Record of Decision (ROD) and the permit to cross the Miami River. The ROD is expected in April 2006.
- Final design is in progress. The 15% design submittal was received from the consultant on September 19th, 2005. The 30% design submittal is scheduled to be received from the consultant in January 2006.
- Project Completion-October 2010

North Corridor

- The 70% Preliminary Engineering submittal (approximately 21% design) is scheduled to be submitted by the consultant on November 8th, 2005. This is a one week delay from the previous submittal date of November 1, 2005 and this delay is directly related to impacts resulting from Hurricane Wilma.
- Preliminary Engineering (PE) for the corridor is in progress and remains scheduled to be completed in March 2006.

- On September 16, 2005 MDT made the specific submittal of the New Starts criteria for the project to the Federal Transit Administration (FTA), for inclusion of the project in the *FY2007 Annual Report on New Starts*. Receipt of a recommendation by FTA and inclusion in the *Annual Report on New Starts* are required to compete for federal funding. This New Starts submittal is currently under review by the FTA.
- Concurrent with the preliminary engineering effort, MDT is also finalizing the project planning phase under the National Environmental Policy Act (NEPA), as required by the Federal Transit Administration (FTA). The Supplemental Draft Environmental Impact Statement (SDEIS) is scheduled to be submitted to the FTA in November 2005.
- The current draft schedule update for this project reflects a completion date of December 2012.

East-West Corridor (MIC to Florida International University FIU)

- The consultant (HNTB) commenced work on the Supplemental Draft Environmental Impact Statement (SDEIS) upon receipt of FTA's approval of their proposed plan of action in August 2005.
- This study is scheduled to take approximately 18 months to complete.
- Completion of the study is scheduled for January 2007.
- The current projected completion date for this project is December 2014.

Baylink

- This corridor will be re-evaluated for development with funding expected to be available commencing in 2016.

South Dade (MPO Project)

- An Alternatives Analysis (AA) commenced in November 2004 to define new premium transit improvements from the Dadeland area to Florida City, in addition to the current Busway Extension to Florida City project. The intent is to provide short-, mid- and long-term transit investment strategies for this rapidly growing region of Miami-Dade County.
- Three "build" alternatives are currently undergoing Tier 2 Analysis: (1) Light Rail, (2) Metrorail Extension to Florida City and (3) Metrorail Extension to S.W. 104th Street with BRT Enhancements.
- Completion of the Alternatives Analysis is scheduled for January 2006

Kendall (MPO Project)

- An Alternatives Analysis (AA) is now scheduled to commence in November 2005 to re-evaluate the existing Locally Preferred Alternative (LPA). The LPA provides bus rapid transit (BRT) improvements along the corridor, including a 4-mile reversible and exclusive bus lane. The study will evaluate transit investments from the Dadeland area to SW 157 Avenue and also a north-south connection to the East-West (MIC-FIU) premium transit corridor improvements.
- A Professional Services Agreement has been negotiated with Edwards and Kelcey, in the amount of $735,000.
- The study will be funded from the People's Transportation Plan, and under an Interlocal Agreement, the MPO has contracted for the study.
- The MPO approved both the $735,000 contract with Edwards and Kelcey and the Interlocal Agreement between the MPO and MDT at their October 20, 2005 meeting.
- The study is scheduled to be completed in fourteen (14) months.

Northeast (FDOT Project)

- District 4 (FDOT) is the lead agency for this Alternatives Analysis (AA) study.
- A contract between FDOT District 4 and the consultant, Gannett Fleming was executed in June 2005.
- The study limits extend from Downtown Miami to Jupiter, a corridor length of approximately 81 miles.
- The Miami-Dade County segment is approximately 13.6 miles in length.
- FDOT District 4 issued Notice-to-Proceed to the consultant, Gannett Fleming, on September 26th, 2005.
- The study is scheduled to take 24 months.

- **Legislative Update**
  Miami-Dade Transit closely monitored congressional deliberations related to House Resolution 3058 FY 2006 transportation appropriations bill. On October 17, 2005, Director Bradley and MDT staff met with all members of staff of the South Florida Congressional delegation and reviewed the County's project requests and provided project updates. MDT also discussed in detail the status of North and East-West Corridors in the New Starts process.

Goal #2: Recreate Department's image through futuristic designs and facilities integrated into the system

Status:

- **Metrorail Rehabilitation Update**
  The Resolution authorizing issuance of the Request for Proposals (RFP 439) for the rehabilitation of the Metrorail vehicles was passed by the Transportation Committee on July 22, 2004 and by the Board of County Commissioners (BCC) at their meeting of September 9, 2004. The RFP solicitation package was available for distribution on October 1, 2004.

  The deadline for the receipt of proposals for the Rehabilitation of the Heavy Rail Vehicles was March 18, 2005. Miami-Dade Transit (MDT) received proposals from Bombardier Transportation, Alstom, Breda and CAF. The Technical Committee has reviewed and evaluated all proposals and submitted their presentation to the Selection Committee for rating. Informational interviews began on June 20th and were completed on August 5, 2005.

  As a result of the informational meetings, the Rail Rehab consultant and MDT Technical Advisors have conformed specifications for Best and Final Offer (BAFO). The request for Best and Final Offer Proposals, including applicable General and Technical Provisions were originally prepared for release on October 14, 2005.

  In accordance with FTA guidelines a decision was made to commission a Value Engineering Analysis of the RFP 439 BAFO documents prior to release of the Request for Best and Final Offer Proposals. The Value Engineering Analysis will focus on cost effective alternative design approaches. A group of qualified transit industry professionals from outside of MDT will conduct the review.

  The Value Engineering study will be completed on November 11, 2005. BAFO specifications will be released to car builders on November 18, 2005 and due back to MDT by February 17, 2006. Notice to Proceed is anticipated for September 2006. The first rehabilitated rail vehicles are expected to be available for revenue service by November 2008, with full project completion by August 2011.

- **Metromover Replacement Update**
  Miami-Dade Transit entered into revenue service in 1986 with twelve (12), original Phase 1 Metromover vehicles. These vehicles have reached their life expectancy after 20 years and will be replaced with twelve (12) new Mover cars. The acquisition of these new vehicles is a sole-source procurement with Bombardier Transportation.

  Miami-Dade Transit has completed its negotiations with Bombardier Transportation for the purchase of twelve (12) new vehicles that also includes an option to purchase (17) seventeen additional vehicles, on a mutually agreed upon delivery schedule, to replace the Phase II fleet.

An "Agreement in Principle" has been reached. The Contract Documents were forwarded to Bombardier Transportation on September 21, 2005, for their review. Their comments were received on September 29th, which are now under review by MDT and WGI personnel for insertion into the contract documents.

The final Technical and Commercial contract language was conformed in October including comments from the County Attorney's office. The final details of the agreement were incorporated into the Contract Documents.

It is expected that Notice to Proceed (NTP) will be issued to the car builder by March 2006, with delivery of the first 12 vehicles within 29 months of NTP.

The interior of the cars will feature new seats, flooring, windows, panels, signage, public address system, lighting, communication system, and closed circuit television to enhance safety. Wheelchair customers will have additional dedicated spaces and priority seating for senior and disabled riders. In between car barriers will be installed to alarm patrons from falling between the vehicles. Other features will include a new air brake system, efficient air conditioning system, new doors, and couplers.

- **Bus Passenger Shelter Installation**
  The Cemusa contract calls for the installation of 3,000 new bus passenger shelters throughout unincorporated Miami-Dade County by October 2006. As of November 2, 2005, there were **924** shelters installed. MDT has been working very closely with the Miami-Dade Public Works Department to expedite the permitting and inspection of shelters.

- **Bus Stop Sign Installations**
  As of August 31, 2005, **3,642** of the new state-of-the-art bus stop signs have been installed throughout Miami-Dade County to date. The new signs offer a square green post with a map panel. Each panel shows the individual route maps for that stop and the scheduled arrival times for the time points closest to that stop. The remaining 6,000 existing signs throughout the County are expected to be completed by the end of the year.

Goal #3: Improve the system's reliability

- **Fare Collection Procurement**
  Miami-Dade Transit (MDT), currently working in conjunction with South Florida Regional Transportation Authority (SFRTA), is in the final stages of completing the documentation for the Request for Proposal to procure electronic verifying fare boxes with Automatic Passenger Counter (APC) capability, modular fare gates incorporating exit control,

an upgraded garage revenue collection system, ticket vending machines (TVM) with parking payment capability, ticket office machines (TOM), point of sale (POS) units, and a complete Mobile Data Terminal (MDT) system for scheduling and dispatching Special Transportation Services (STS) program. SFRTA along with MDT, Broward County Transportation (BCT) and Palm Beach Transportation (Palm Tran) are seeking to integrate the transit agencies to promote seamless travel throughout the region. Due to the events surrounding Hurricane Wilma, SFRTA is working on sending out a revised project schedule. Tentatively, the Technical Specifications is expected to be ready for publication for Industry Review by mid-November 2005. The Contract award is still expected by the end of December 2005 and the Notice to Proceed by the end of January 2006.

Goal #4: Improve the courtesy and customer service provided

Deleted: ¶

- **Regional Transit Trip Planner-Consumer Information Network/511:**
  Automated regional transit trip planning was placed online on Oct. 15 on http://go.miamidade.gov and www.miamidade.gov/transit. Customers can punch in a starting address, destination and desired time of travel to get instant detailed trip planning using Miami-Dade Transit, Tri-Rail, Broward County Transit, Palm Tran, or a combination of the four. They can even plan a trip from Florida City all the way to West Palm Beach. The software generates a detailed itinerary that includes transfer points, trip duration and cost. And in cases where there's more than one way of getting to the same place, travel options can be sorted by trip duration, number of transfers or total walking distance between transfers. The South Florida Regional Transit Trip Planner is the first regional trip planning system in the United States. It was funded by the Florida Department of Transportation and implemented through a partnership between Miami-Dade Transit, Broward County Transit, Palm Tran, the South Florida Regional Transportation Authority and South Florida Commuter Services. Residents can also call 511 and be transferred to a live MDT customer service agent for information about trip planning or other customer service issues. The introduction of automated trip planning, which our operators have been using for several weeks prior to public launch, has contributed to a reduction in wait times on the phone.

Public Works Department (PWD)
People's Transportation Plan (PTP) Goals Report
Regional Transportation Committee (RTC)
November 9, 2005

Goal #1: Implement PWD's Major PTP Projects

Project (Site-Specific)	Limits	Comm. Dist	Design Status	Construction Status	Start Const.	End Const.	Const. Estimate	Comments
- NE 2 Ave *Street & Traffic Improvements (Four Segments)*	NE 20 St to West Little River Canal	3	5%	0%	05/2006	*05/2007	$ 21.4 M	*City of Miami is designing the project in phases. JPA forthcoming for Construction.
- NE 2 Ave *Street & Traffic Improvement*	West Little River Canal to NE 91 St	3	30%	0%	03/2007	03/2008	$ 4.0 M	Under design. To be completed September '06
- SW 62 Ave *Street Improvements*	SW 24 St to NW 7 St	6	30%	0%	03/2007	03/2008	$ 7.7 M	Under design. To be completed September '06
- SW 62 Ave *5 to 2 lanes*	SW 70 St to SW 64 St	7	30%	0%	03/2007	03/2008	$ 2.3 M	Under design. To be completed September '06.
- SW 97 Ave *2 to 3 lanes*	SW 72 St to SW 40 St	7, 10	100%	0%	*03/2006	03/2007	$4.7 M	*Roadway Construction is pending completion of WASD Water Main Project by March 2006.
- SW 160 St *New 4 lane road*	SW 147 Ave to SW 137 Ave	9	30%	0%	03/2007	03/2008	$ 6 M	Under design. To be completed September '06.
- SW 127 Ave *Widen to 4 lanes with median, swales and frontage road*	SW 120 St to SW 88 St	8, 10	80%	0%	07/2006	07/2007	$ 7.4 M	Under design with RIF funding. Estimated completion date for design 01/06.

Project (Site-Specific)	Limits	Comm. Dist	Design Status	Construction Status	Start Const.	End Const.	Const. Estimate	Comments
- New Access to Country Walk *Land acquisition and road extension*	SW 143 Terr from Railroad tracks to SW 136 St	11	*99%	0%	05/2006	11/2006	$ 450 K	Land acquired. *Under design - Completion pending CSX completion of RR crossing design.
- SW 157 Ave *New 4 lane road*	SW 120 -136St	9,11	0%	0%	10/2007	10/2008	$ 5.4 M	Undergoing Consultant Selection.
	SW 112 -120St	11	25%	0%	12/2006	12/2007	$ 3.5 M	Under design with PRD contract.
- NW 138 St *New 5 lane bridge*	Over Miami River Canal	12	30%	0%	03/2007	03/2008	$ 4.7 M	Under design. To be completed September '06
- NW 74 St *New 3 lane road*	NW 87 Ave to NW 107 Ave	12	70%	0%	05/2006	05/2007	$ 6 M	Under design, JPA with FDOT. Design will be complete in 12/05.
- NW 97 Ave *2 to 4 lanes (Two Segments)*	NW 41 St to NW 25 St	12	0%	0%	02/2008	02/2009	$ 6 M	Undergoing Consultant Selection. Design should begin by early 2006.
- NW 87 Ave *2 to 4 lanes*	NW 186 St to NW 154 St	13	*0%	0%	Unknown	Unknown	$ 8.355 M	*Consultant Award Recommendation Withdrawn from July BCC.

Goal #2: Implement PWD's Neighborhood PTP Projects

- 18 PTP Open Construction Contracts (totaling $21.0 Million) are actively addressing the following projects:
  - Open Contracts for: Resurfacing, Sidewalks, Drainage, Striping, ADA Sidewalks, School Flashing Signals, Traffic Signals, Guardrail.
- 6 CICC contracts are also active for various PTP projects. In an effort to accelerate many neighborhood projects, PWD is taking advantage of various contracting mechanisms, such as the Miscellaneous Contracting processes available under CICC contracts 7360 and 7040.

Project (Site-Specific)	Limits	Comm. Dist	Design Status	Construction Status	Start Const.	End Const.	Const. Estimate	Comments
- District 1 *Resurfacing*	Sections: 5-52-41, 8-52-41, 9-52-41, 14-52-41, 16-52-41, 18-52-41	1	100%	33%	02/2004	05/2006	$5.09 M	2 out of the 6 sections are complete. The remaining 4 sections will resume in early 2006.
- NW 62 St *Resurfacing & Traffic Improvements*	NW 37 Ave to I-95	2	90%	0%	01/2006	10/2006	$ 1.4 M	Under Design by City of Miami Consultant. JPA for Construction approved 9/30/05.
- NW 82 Ave / NW 8 St *Roadway Reconstruction*	NW 7 to 10 St/NW 87 to 79 Ave	6	100%	<5%	10/2005	10/2006	$ 2.0 M	Notice to Proceed (NTP) issued to contractor on 10/17/05.
- South Miami Av *Traffic calming, curbs & sidewalks*	SW 25 Road to SW 15 Road	7	90%	0%	01/2006	03/2007	$ 840 K	Under Design by City of Miami Consultant. JPA for Construction approved 9/30/05.
- West 60 Street *Reconstruction and widening to 3 lanes*	W 4 Ave to W 12 Ave	13	100%	5%	10/2005	10/2006	$ 2.3 M	Under Construction via a JPA with the City of Hialeah.

Goal #3: Picking the "Low-Hanging" PTP Fruit

- Faded and damaged street name signs are still being replaced with the newer sign design throughout the County. Over 23,000 new street name signs have been replaced since December 2003.
- Phase 1 of the Illuminated Street Name Sign Pilot Program (ISNSPP) is installed and under evaluation. Phase 2 of the illuminated street name sign program will employ the new LED technology. PWD has received the first order for the new LED signs at 24 locations throughout the County. Due to the overload of hurricane repairs, the installation of these signs cannot commence until early 2006.

Goal #4: Commence Work on all PWD PTP Projects

Number of Site Specific Projects	44
Projects Complete	5
Under Construction	2
Design Complete. Begin Construction in 2006	2
Under Design by MDC Consultants	9
Under Design by City of Miami	3
Begin Design by City of Miami in 2005 & 2006	4
Projects to be Advertised for Design by MDC Consultants in 2005	11
Undergoing further Project Development – Projects will begin design in 2006 or later.	8

- Miami River Tunnel Feasibility JPA:
  The JPA was approved by the CITT on March 30, 2005. The feasibility study is underway and being managed by the City of Miami. Completion of the study is expected by December 2005.

- Advanced Traffic Management System (ATMS):
  The consultant is actively working toward the initialization of the alpha testing on 16-18 signals in December 2005. They will also begin moving all of the County's signals onto the new system from 2006 through 2008.

  Design of the new Traffic Control Center has been advertised for consultant selection, and it is expected that a consultant will begin design by December 2005. The new center will be located at the PWD facility on NW 58 Street.