

Grantee Name: Miami-Dade Transit

Project: Busway Phase II

Project Phase: PE FD Construction

FFGA

FTA TOM: Dudley Whyte

FTA PMOC: Shaw Group

Grantee PM: Surinder Sahota

Consultants & Role: Construction Engineering and Inspection – CM support, Central Florida Equipment Rentals - Contractor

Scope

- ◆ The Busway Phase II project is an 11.48-mile extension to the existing 8.5-mile Phase I, US- 1 exclusive bus-lanes corridor. MDT is developing this project in two Segments.
 - ◆ Segment I is 5 miles and is divided into North and South contracts
 - ◆ Segment II is 6.48 miles
- ◆ There are fourteen (14) bus stops within the Busway Phase II project. Segment I has six (6) and Segment II has eight (8).
- ◆ There are four (4) Park and Ride and Kiss and Ride Facilities.
- ◆ MDT original estimates are for 8-10 smaller buses for circulator routes to service the Busway operation.
- ◆ MDT has projected additional 8,770 average weekday boardings by the year 2015.

Schedule

- ◆ Notice-to-Proceed Date: Segment II NTP was issued October 17, 2005.
- ◆ Substantial Completion: was achieved on December 14, 2007.
- ◆ Dedication Ceremony: was held on December 14, 2007.
- ◆ Revenue Operations Date: Revenue Operations started on December 16, 2007.
- ◆ Final Acceptance: July 31, 2008.

CURRENT STATUS:

The contractor is completing the signalization punch-list from MDWPD as well as design revisions requested by MDPWD to the signalization plans to both Segment II and the added signalization in Segment I. A subordination of partial easement agreement with MDPWD and MDWASA is necessary to install the mast arm at the NE corner of the intersection of US-1/SW 252nd ST. The construction schedule has been revised to approximately six months due to the above mentioned items. MDT staff is currently reviewing a time extension of approximately 200 calendar days in addition to the 178 calendar days previously granted to obtain Final Acceptance which is anticipated on July 31, 2008. The contract was substantially completed on December 14, 2007.

Budget

	Total Project Cost	Actual Construction Cost	Budgeted Construction
Busway Phase 2 Segment I-S			
Busway	16,871,866	6,858,343	7,531,705
Route 1	12,265,778	11,203,753	10,488,329
Total	29,137,644	18,062,096	18,020,034
Busway Phase 2 Segment I-N			
Busway	20,604,867	10,678,670	7,531,705
Route 1	10,840,699	8,897,063	8,801,000
Park n Rides	7,127,728	2,741,375	5,543,590
Total	38,573,294	22,317,108	21,876,295
Busway Phase 2 Segment II			
Busway/Total	62,047,890	32,117,346	36,593,271
Busway Phase 2 Total			
Busway	99,524,623	49,654,359	51,656,681
Route 1	23,106,477	20,100,816	19,289,329
Park n Rides	7,127,728	2,741,375	5,543,590
Total	\$129,758,828	72,496,550	76,489,600

Funding Source			
Busway	\$99,524,623	FTA	100%
Park & Rides	\$7,127,728	FTA	100%
Arsenic Remed.	\$1,600,000	MDT (LOGT)	100%
Subtotal	\$108,252,351		
Route 1	\$ 23,106,477	FDOT	100%
TOTAL	\$129,758,828		

Issues/Highlight Previous Quarter

- ◆ Parcel B10A is the only remaining parcel in possession through condemnation. No trial date has been set.
- ◆ The additional signalization change work has begun and the direct cost has been negotiated.

Issues/Highlights for Next Quarter

- ◆ Final acceptance – July 31, 2008.



MEMORANDUM

TO: Distribution List

DATE: June 30, 2008

FROM: Robin Mims, Manager,
MDT Project Control
(Project Progress Reporting)
MDT Engineering, Planning
& Development

SUBJECT: Busway Extension to Florida City
Monthly Progress Report
for June 2008

Attached for your use is a copy of the Monthly Progress Report for the *Busway Extension to Florida City Project* for the month of June 2008. The status updates have been highlighted in yellow.

Attachment

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**BUSWAY EXTENSION TO FLORIDA CITY
MONTHLY PROGRESS REPORT
JUNE 2008**

DEDICATION CEREMONY & OPENING

- A public Dedication Ceremony was held for the Busway on Friday, December 14th, 2007.
- Buses began running on the newly completed extension in Sunday, December 16th, 2007.

PROGRESS DURING THE MONTH OF JUNE 2008

Project Schedule

- The latest schedule update received from the contractor for Segment II reflects a delay to the overall project completion date which was July 19, 2007. Currently, MDT is submitting to the Board of County Commissioners, Change Order #1 to extend the contract time by 178 calendar days. The substantial completion date for the mainline Segment II was November 30th, 2007. Change Order #1 includes a time extension request for additional scope of work needed for the installation of the signalization at various intersections for Segment I and Segment II, hurricane related delays, additional bus shelters and BellSouth service point issues. MDT is currently negotiating a Final Change Order due to signalization design revisions in Segment I & II, unforeseen conditions and utility conflict issues in the installation of the mast arm foundations in Segment I. **The anticipated completion date is July 31, 2008.**

Right-of-Way Acquisitions/Utility Relocation

- Parcel B10A is the only remaining parcel in possession through condemnation. No trial date has been set.

Safety Status

- There were no OSHA recordable injuries for the month of June 2008. There have been four OSHA recordable injuries/illnesses recorded for this project since the contract was awarded.
- There were no job-related motor vehicle accidents in the month of **June 2008**. There has been one non-preventable project related motor vehicle accident recorded for this project since the contract was awarded.

**BUSWAY EXTENSION TO FLORIDA CITY
MONTHLY PROGRESS REPORT
JUNE 2008**

Budget Status

- The required total project budget for all elements of the Busway Extension to Florida City project is \$108,252,351 (excluding US-1 Reconstruction work which was performed under state funding agreements).
- The revised allocation of expenses within the project budget is \$37,920,421 for Segment I; \$60,047,890 for Segment II; \$7,145,067 for Park & Ride facilities and \$2,230,000 for Pre-Operational Expenses.
- The following project expenditures have been incurred to date (through **June 30, 2008**): Segment I – \$34,837,566, or approximately 92% of the project budget (The 1S and 1N Segment contracts are closed); Segment II – **\$56,039,568** or approximately **90%** of the project budget; and Park & Ride Lots – \$6,096,245 or approximately 85% of the project budget.

Quality Assurance Status

- Completed all Quality Assurance project audits that were scheduled in the Busway Extension to Florida City Quality Assurance Program Plan (QAPP) for both Segment I (North/South) and Segment II phases of the contract.
- Continued to provide quality oversight and monitoring of the overall quality activities throughout the project inclusive of reviews of nonconforming reports and corrective action plans to be implemented prior to final closeout of the contract.

Construction Progress and Status

Mainline Busway & Bike Path

- Complete.

Roadways

- Complete

Bus Shelters

- Complete

**BUSWAY EXTENSION TO FLORIDA CITY
MONTHLY PROGRESS REPORT
JUNE 2008**

Signal & Lighting

- Completing Public Works Department punchlist and design related items in Segment II.
- Installed Mast Arms, and signal heads and signs at SW 264th Street, SW 260th Street, and SW 252nd Street, along the Busway and also on US-1.
- Wiring controllers.
- Installed conduit and placed loops for Segment I signalization.

Landscaping

- Provided landscape warranty maintenance throughout the project.

PLANNED PROGRESS FOR THE MONTH OF JULY 2008

Final Completion

QUARTERLY PROGRESS REPORT
BUSWAY EXTENSION TO FLORIDA CITY - SEGMENT II

REPORT DATE:
June 30, 2008

CONSTRUCTION CONTRACT NO: TR05-BWX-2R

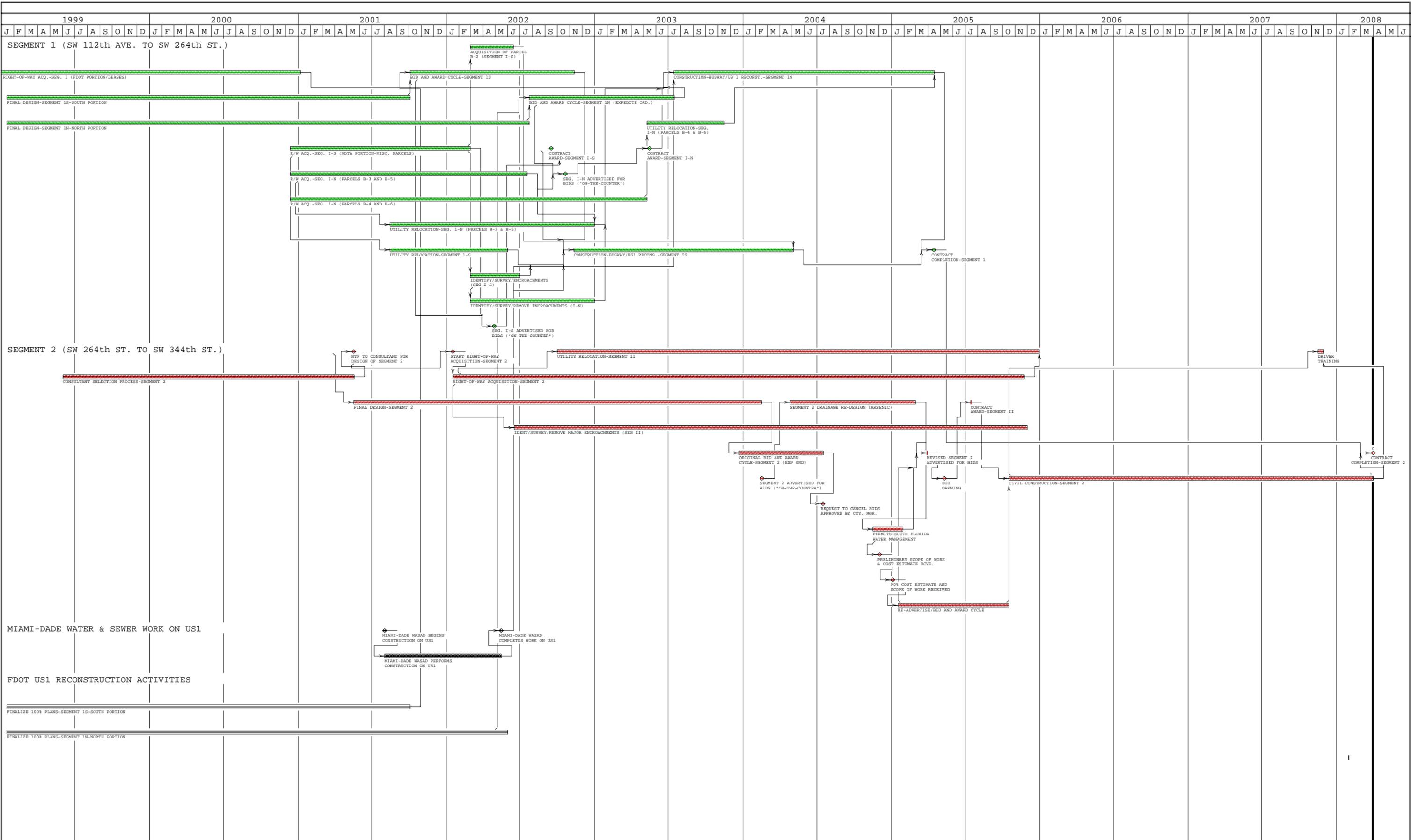
BUSWAY

Project Completion Status: 99%

Item	Description	Amount	Work In Progress	Amount Complete	Percentage Complete
1.0	Mobilization (Lump Sum)				100%
2.0	Maintenance of Traffic (Each Day) (B)				100%
3.0	Clear & Grub (Lump Sum)				100%
4.0	Silt Fence (Meters)	12000		10046	84%
5.0	Drainage (Percent Complete)				101%
5.1	Drainage Structures (Each)	421	0	421	100%
5.2	Exfiltration Trenches (Meters)	6425	0	6483	101%
5.3	Drainage Swales (Meters)	17400	0	17400	100%
5.4	Drainage Pipe (Meters)	6740	0	6985	104%
6.0	Roadway (Percent Complete)				100%
6.1	Sub-Base (Sq. Meters)	185603	0	185603	100%
6.2	Base (Sq. Meters) (Excludes Bike Path)	174339	0	174339	100%
6.3	Asphalt Pavement (Metric Tons) (c)	39545	0	39545	100%
6.4	Curb & Gutter (Meters)	12461	0	12461	100%
6.5	Sidewalk (Sq. Meters)	4999	0	4999	100%
6.6	Signing & Pavement Markings (Percent Complete)				100%
7.0	Street Lighting (Percent Complete)				100%
7.1	Underground conduit (Meters)	6780	0	6780	100%
7.2	Pull Boxes (Each)	161	0	161	100%
7.3	Light Pole w/ Base (Each)	103	0	104	101%
8.0	Signalization (Percent Complete)				100%
9.0	Bike Path (Meters)	11600	0	11856	102%
10.0	Bridges	2			100%
10.1	Canal Excavation & Existing RR Bridge Demolition				100%
10.2	Precast Piles Driven (Each)	48	0	48	100%
10.3	Piers (Each)	8	1	7	100%
10.4	Bridge Deck (Square Meters)	627.84	0	627.84	100%
10.5	Bridge Barrier Wall (Meters)	144	0	144	100%
11.0	Bus Shelters (Each)	19	0	19	100%
12.0	Landscaping (Lump Sum)				100%
13.0	Fencing (Meters)	18340	0	18340	100%
14.0	Sodding (Square Meters)	26576	100	26408	100%
13.0	Project Completion Status				99%

NOTES:

- a CFER received N.T.P. - 10/17/05 Original Contract Completion Date - 7/18/07
- b Busway Mainline completion - 10/31/07 Granted 178 day extended Contract Completion Date - 1/13/08
- c Estimated 20% asphalt overrun due to overbuild sections



Plot Date 4APR08
 Data Date 31MAR08
 Project Start 1JAN98
 Project Finish 31MAR08

rd Activity Bar/Early Dates
 Critical Activity
 Progress Bar
 Milestone/Flag Activity

BUS56

MIAMI-DADE TRANSIT AGENCY (MDTA)
 BUSWAY EXTENSION TO FLORIDA CITY
 PROJECT SCHEDULE

Sheet 1 of 1

AREA/DEPARTMENT
 SEGMENT 1 (SW 112th AVE. TO SW 264th ST.)
 SEGMENT 2 (SW 264th ST. TO SW 344th ST.)
 MIAMI-DADE WATER & SEWER WORK ON US1

BUSWAY EXTENSION			
Date	Revision	Checked	Approved