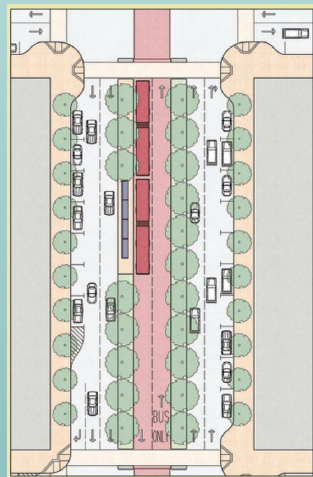


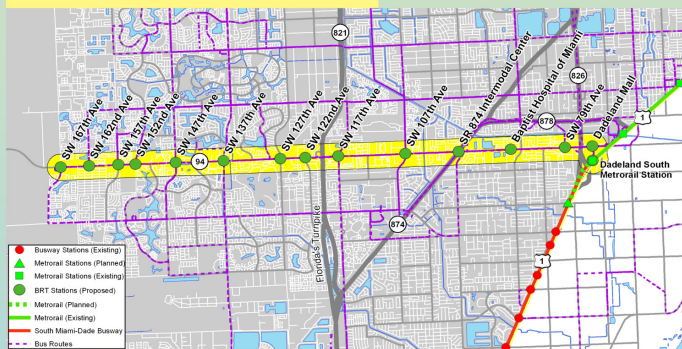


Alternatives A1-A4 - KENDALL DRIVE

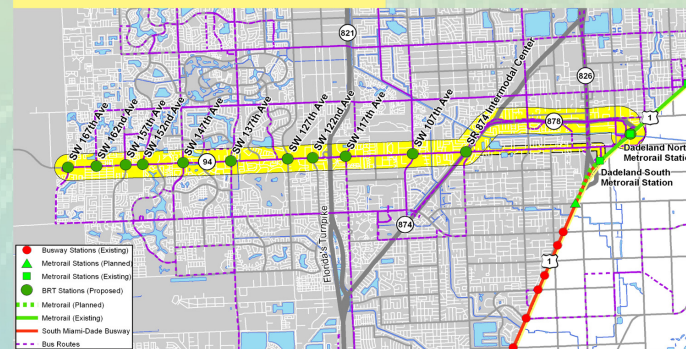
Bus Rapid Transit (BRT) / Metrorail



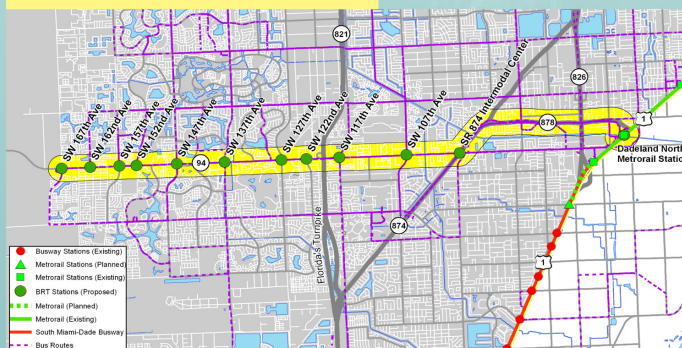
A1 BRT



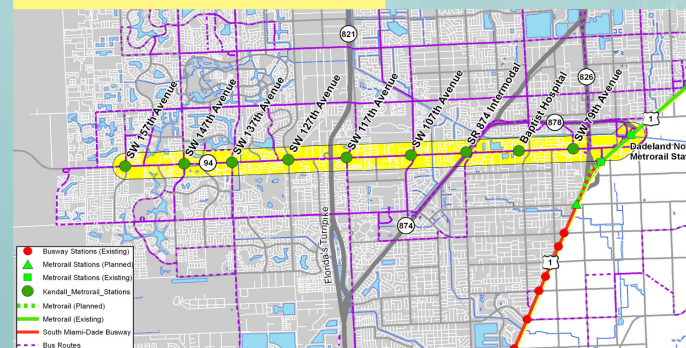
A2 BRT



A3 BRT



A4 Metrorail



Projected ridership

	A1	A2	A3	A4
Daily Trips	10,048	7,041	5,834	15,565

Estimated operating and capital cost (millions)

	A1	A2	A3	A4
Operating costs	\$4.8	\$5.2	\$4.6	\$18.8
Capital costs	\$326.6	\$253.7	\$249.7	\$1682.0
Capital cost per passenger mile	\$22.53	\$34.81	\$32.13	\$62.11

Service characteristics and community impacts

	System Characteristics			Community Indicators		
	Capital cost	Operations cost	Potential ridership	Interaction with auto traffic	Noise and vibration	Potential land requirement
A1 - BRT	Medium	Low	High	High	Low	Low
A2 - BRT	Medium	Low	Medium	High	Low	Low
A3 - BRT	Medium	Low	Medium	High	Low	Low
A4 - Metrorail	High	High	High	Low	High	High

High: ■ Medium: ■ Low: ■

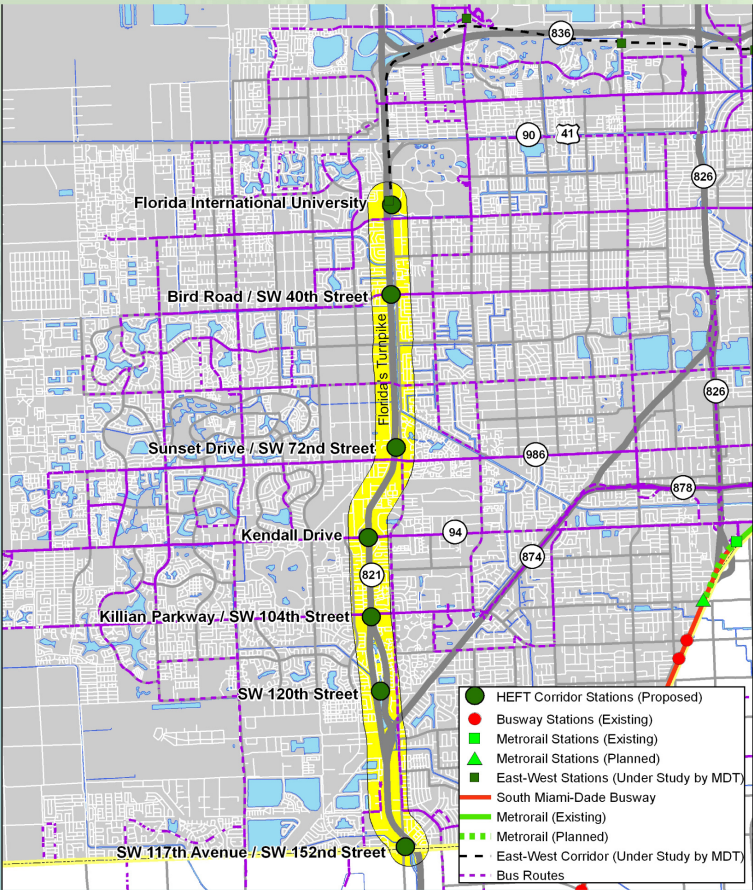
Travel Times

Station	A1	A2	A3	A4
	SW 167th Avenue			SW 157th Ave.
Distance and travel times from:				
Dadeland South Metrorail/Downtown Kendall				
• Cumulative Mileage	9.53	9.53	—	—
• Arrival time in minutes	28 min	36 min	—	—
Dadeland North Metrorail				
• Cumulative Mileage	—	10.3	10.3	8.77
• Arrival time in minutes	—	27 min	27 min	16 min
Government Center				
• Cumulative Mileage	19.63	19.8	19.8	18.27
• Arrival time in minutes	45-53 min	45-53 min	45-53 min	30-35 min
Miami Intermodal Center/Miami International Airport				
• Cumulative Mileage	26.63	26.8	26.8	25.27
• Arrival time in minutes	55-63 min	55-63 min	55-63 min	45-50 min



Alternative B-1 Turnpike Corridor

Metrorail



Projected ridership

B1-Metrorail	
Daily Trips	12,265

Estimated operating and capital costs (millions)

B1-Metrorail	
Operating costs	\$19.7
Capital costs	\$1,686.3
Capital cost per passenger mile	\$81.15

Travel Times

Station	B1-Metrorail
Distance and travel times from SW 152ND Street / SW 117th Avenue Park and Ride	
• Cumulative Mileage	0
• Arrival time in minutes	—
Florida International University Metrorail Station	
• Cumulative Mileage	9.45
• Arrival time in minutes	14 min
Miami Intermodal Center/Miami International Airport	
• Cumulative Mileage	19.70
• Arrival time in minutes	30-35 min
Government Center	
• Cumulative Mileage	26.70
• Arrival time in minutes	45-50 min

Service characteristics and community impacts

	System Characteristics			Community Indicators		
	Capital cost	Operations cost	Potential ridership	Interaction with auto traffic	Noise and vibration	Potential land requirement
B1 - Metrorail	High	High	Medium	Low	High	High

High: Medium: Low:

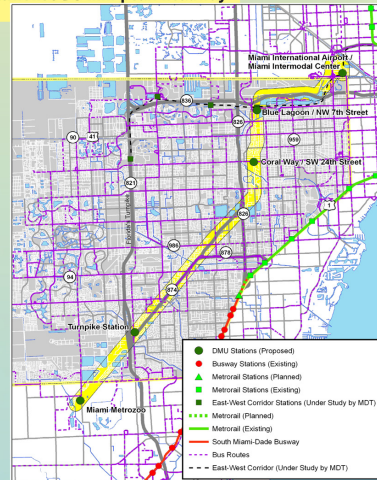


Alternatives C2-C5 - CSX Corridor

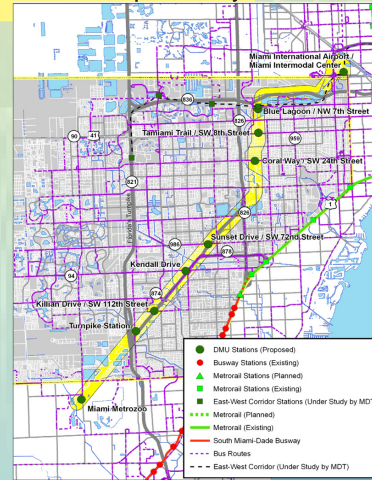
Diesel Multiple Units (DMU)



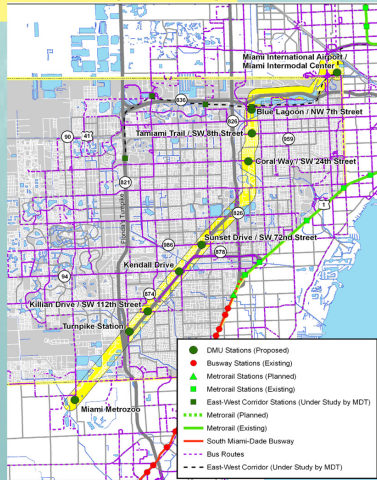
C2-DMU - 5 stations / 30 min peak headway



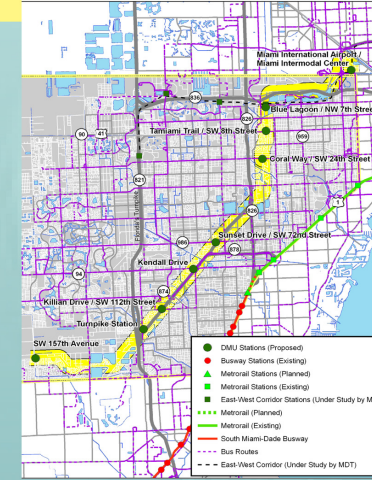
C3-DMU - 9 stations / 20 min peak headway



C4-DMU - 9 stations / 15 min peak headway



C5-DMU - 9 stations / 15 min peak headway



Projected ridership

	C2	C3	C4	C5
Daily Trips	600	1,912	3,083	3,017

Estimated operating and capital costs (millions)

	C2	C3	C4	C5
Operating costs	\$5.2	\$7.7	\$12.0	\$12.2
Capital costs	\$190.6	\$224.1	\$368.0	\$386.5
Capital cost per passenger mile	\$93.47	\$46.81	\$49.16	\$55.38



Service characteristics and community impacts

	System Characteristics			Community Indicators		
	Capital cost	Operations cost	Potential ridership	Interaction with auto traffic	Noise and vibration	Potential land requirement
C2 - DMU	Low	Low	Low	Medium	Medium	Low
C3 - DMU	Low	Medium	Low	Medium	Medium	Medium
C4 - DMU	Medium	Medium	Low	Medium	Medium	Medium
C5 - DMU	Medium	Medium	Low	Medium	Medium	Medium

High: ■ Medium: ■ Low: ■

Travel Times

Station	C2	C3	C4	C5
Distance and travel times from:				
SW 157th Avenue				
• Cumulative Mileage	0	0	0	0
• Arrival time in minutes	—	—	—	—
Dadeland South Metrorail/Downtown Kendall				
• Cumulative Mileage	—	8.72	8.72	10.42
• Arrival time in minutes	—	30-35 min	30-35 min	40-45 min
Miami Intermodal Center/Miami International Airport				
• Cumulative Mileage	18.4	18.4	18.4	19.7
• Arrival time in minutes	25 min	31 min	31 min	36 min
Government Center				
• Cumulative Mileage	25.4	25.4	25.4	26.7
• Arrival time in minutes	45-50 min	45-50 min	45-50 min	50-55 min





D1-BRT

Daily Trips **7,785**

Estimated operating and capital costs (millions)

D1-BRT

Operating costs **\$6.5**

Capital costs **\$407.9**

Capital cost per passenger mile \$41.99

Travel Times

Station D1-BRT

Distance and travel time from SW 152ND Street / SW 117th Avenue Park and Ride	
• Cumulative Mileage	0
• Arrival time in minutes	—

Florida International University Metrorail Station	
• Cumulative Mileage	12.63
• Arrival time in minutes	40 min

Miami Intermodal Center/Miami International Airport	
• Cumulative Mileage	22.88
• Arrival time in minutes	55-60 min

Government Center	
• Cumulative Mileage	30.58
• Arrival time in minutes	70-75 min

Service characteristics and community impacts

	System Characteristics			Community Indicators		
	Capital cost	Operations cost	Potential ridership	Interaction with auto traffic	Noise and vibration	Potential land requirement
D1 - BRT	High	Medium	Medium	High	Medium	Medium

