

LOCATE SITES
FOR
BUS SHELTER INSTALLATION STUDY



Locate Sites for Bus Shelter Installation Study

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for:
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Metropolitan Planning Organization**

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TABLE OF CONTENTS

	<u>Page</u>
List of Appendices.....	ii
List of Exhibits	iv
1.0 INTRODUCTION	1
1.1 Study Objective	1
1.2 Coordination.....	1
1.2.1 Municipalities	1
1.2.2 Miami-Dade County Public High Schools & Parks.....	2
2.0 DATA DEVELOPMENT	3
2.1 FDOT Standards/Guidelines	3
2.2 ADA Regulations Adopted by FTA.....	3
2.3 Miami-Dade County Standards/Guidelines	4
3.0 BUS SHELTER FOOTPRINTS	5
3.1 Location Factors.....	5
3.1.1 Operation Factors	5
3.1.2 Right-of-Way Factors.....	5
3.2 General Design Factors	7
4.0 DETERMINE POTENTIAL SITES	11
4.1 Methodology for Site Selection	11
4.2 Database Consolidation.....	11
4.2.1 Miami-Dade Transit Data.....	11
4.2.1.1 Bus Stop Inventory Database.....	12
4.2.1.2 High Ridership Bus Routes	12
4.2.1.3 High Activity Bus Stops	12
4.2.2 Miami-Dade County Data.....	13
4.2.3 Determination of Potential Sites.....	14
5.0 FINAL DETERMINATION OF SITES.....	20
5.1 Site Data Collection & Field Review	20
5.2 Data Consolidation for Site Suitability	20

LIST OF APPENDICES

Appendix A:	Documentation/Correspondence from Municipalities & Agencies	A-1
Appendix B:	Bus Shelter Guidelines & Standards Reference Documents	B-1
Appendix C:	MDT Metrobus Route Ridership & Bus Stop Activity Data	C-1
Appendix D:	Filter Application Results	D-1
Appendix E:	Summaries of Selected Site Locations	E-1
Appendix F:	Information for Additional Sites based on Modified Thresholds	F-1

LIST OF EXHIBITS

Exhibit 1	Bus Stop Pad with Shelter	6
Exhibit 2	ADA Clear Floor or Ground Space	7
Exhibit 3	ADA Position of Clear Floor or Ground Space	8
Exhibit 4	ADA-ABA Accessibility Shelter	8
Exhibit 5	Small Bus Shelter with no Seating Typical Dimensions	9
Exhibit 6	Small Bus Shelter Typical Dimensions	9
Exhibit 7	Mid-Sized Bus Shelter Typical Dimensions	10
Exhibit 8	Top 20 Highest Ridership MDT Routes	12
Exhibit 9	Potential Bus Shelter Locations Determination	14
Exhibit 10	Sites for Shelter Installation Field Investigation	15
Exhibit 11	Suitable & Potentially Suitable Sites for Bus Shelter Installation.....	21
Exhibit 12	Maps & Photographs of Suitable & Potentially Suitable Sites	23
Exhibit 13	Additional Sites Based on Adjusted Bus Stop Activity Threshold.....	73

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1.0 INTRODUCTION

The Miami-Dade County Metropolitan Planning Organization (MPO) undertook the “Locate Sites for Bus Shelter Installation Study”. This study is a follow-up to the work of the Bus Shelter Sub-Committee appointed by the Transportation Planning Council. The sub-committee met several times and identified that jurisdictions had a difficult time finding locations for new bus shelters. This effort identifies sites suitable for the immediate installation of bus shelters.

1.1 Study Objective

The purpose of this study is to provide an on-site visual survey of active bus stop locations throughout the Miami-Dade County Transit (MDT) system, identify suitable sites for the immediate installation of bus shelters and provide lists of feasible bus stop locations by jurisdiction.

1.2 Coordination

In cooperation with the MPO, a notice was sent to various Miami-Dade County agencies and municipalities requesting information and inviting them to attend a kick-off meeting for the project. The request was for existing information regarding bus stops and shelters pertaining to the respective jurisdiction and included:

- Recommendations for potential bus shelter location(s)
- Existing bus shelters - location & shelter type
- Shelters scheduled for installation - location & shelter type
- Previously considered sites where shelter was not installed (reason for no installation)
- Public ordinance amendment - determine if necessary in order to facilitate rapid installation of bus shelter(s)

1.2.1 Municipalities

Municipalities throughout Miami-Dade County were sent the request for any information on existing bus shelter programs or interest in having bus shelters installed. The request and a range of responses are provided in *Appendix A*. Some feedback was through discussions with the municipality or agencies. Four jurisdictions were removed from the potential site selection process at different stages during the study for various reasons. The City of Miami currently has a bus

shelter program in place where many shelters have been installed or are in the process of installation. Therefore to avoid a duplication of efforts, the City of Miami was removed from the potential site selection process. The City of Miami Beach also has a bus shelter program in place. However, those bus stops that currently do not have shelters or are not scheduled for shelter installation, either have insufficient right-of-way, or have insufficient depth for the required underground clearance for installation of the shelter footer. The City of Coral Gables does not have a shelter program in place and is not interested in shelter installation within the city limits. Additionally, several bus stops in Broward County are served by MDT Metrobus routes which are not within the boundaries of this study. Therefore in summary the cities of Miami, Miami Beach and Coral Gables along with Broward County were removed from the potential site selection process. Support documentation is provided in *Appendix A*.

1.2.2 Miami-Dade County Public High Schools & Parks

Special consideration was given to the installation of bus shelters at stops adjacent to Miami-Dade County Public High Schools and adjacent to Miami-Dade County Parks. Where installation of a bus shelter requires an easement of the county owned property the Department of Parks and Recreation referenced *Article 7 Parks, Aquatic Preserves and Preservation Lands of The Miami-Dade County Home Rule Charter* regarding restrictions, exceptions, enforcement and construction of non-park facilities, as the reason this could not be accommodated.

The Miami-Dade County Public Schools Community Traffic Safety Team (CTST) provided information stating that the possible use of Board-owned land for the placement of bus shelters must comply with *Florida Statute – Title XVI Education, Chapter 235 Educational Facilities*. No commitment could be made on the part of the School District at this time.

Through meetings and discussions with the Miami-Dade County Public Schools CTST and the Department of Parks and Recreation, combined with the aforementioned statute and rule, installing bus shelters at bus stops adjacent to Miami-Dade County Public High Schools or Parks requiring an easement of county owned property was not given further consideration.

2.0 REGULATIONS

This effort consists of identifying Florida Department of Transportation (FDOT) and Miami-Dade Transit (MDT) requirements for the installation of Bus Shelters as well as identifying all Americans with Disabilities Act (ADA) regulations adopted by the Federal Transit Administration (FTA).

2.1 FDOT Standards / Guidelines

Several FDOT publications address the installation of bus shelters. The *Accessing Transit: Design Handbook for Florida Bus Passenger Facilities* prepared for the Florida Department of Transportation Public Transit Office provides Florida transit agencies design guidelines for bus passenger transit facilities. The handbook identifies the minimum standard and provides transportation agencies with feasible alternatives when developing bus passenger facilities that focus on the interaction of transit facilities with transit operations and the built environment. The Handbook has been referenced throughout this report. Bus shelter installation must also comply with the *FDOT Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways* (Florida Green Book) and the *FDOT Roadway and Traffic Design Standards*. Relevant sections of these documents are provided in *Appendix B*.

2.2 ADA Regulations Adopted by FTA

Under the ADA, the Access Board has the responsibility of creating guidelines for the accessibility of buildings, facilities, and vehicles subject to the Americans with Disabilities Act Accessibility Guidelines, or ADAAG. It is then the responsibility of the Department of Transportation and Department of Justice to incorporate into their ADA regulations accessibility standards consistent with the Access Board's minimum guidelines.

The *Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines* contain scoping and technical requirements for accessibility to sites, facilities, buildings, and elements by individuals with disabilities. The requirements are to be applied during the design, construction, additions to, and alteration of sites, facilities, buildings, and elements to the extent required by regulations issued by federal agencies under the *Americans with Disabilities Act of 1990* (ADA).

The Transit Cooperative Research Program (TCRP) Report 19, *Guidelines for the Location and Design of Bus Stops*, was also reviewed. The report provides guidelines for locating and designing bus stops in various operating environments and was sponsored by the Transportation Research Board's (TRB) Cooperative Research Programs. Sections of these documents are provided in **Appendix B**.

2.3 Miami-Dade County Standards / Guidelines

Miami-Dade County Public Works Department (PWD) reviews bus shelter installations for minimum construction standards, ADA accessibility and proper placement in the public right-of-way. They also review for compliance with the construction, accessibility and placement standards: the *FDOT Transit Facilities Guidelines*; *FDOT Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways*; the *Department of Justice Code of Federal Regulations 28 CFR Part 36* (ADA Handbook) and the *FDOT Roadway and Traffic Design Standards*.

3.0 BUS SHELTER FOOTPRINTS

3.1 Location Factors

Site selection for a bus shelter includes various factors. Importance should be given to both boardings at the bus stop under consideration, as well as, the physical aspects of the area adjacent to and surrounding the bus stop. The factors described in this section are based on the following sources from Section 2.0 with relevant excerpts provided in *Appendix B*: *The Department of Justice Code of Federal Regulations 28 CFR Part 36* (ADA Handbook); *Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines*; TCRP Report 19, *Guidelines for the Location and Design of Bus Stops; Accessing Transit: Design Handbook for Florida Bus Passenger Facilities*, from FDOT; *FDOT Transit Facilities Guidelines*; *FDOT Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways* (Florida Green Book) and the *FDOT Roadway and Traffic Design Standards*.

3.1.1 Operation Factors

FDOT's Accessing Transit Handbook states that bus shelters should be provided at any stop with at least 25 boardings a day. TCRP Report 19 shows suggested boarding levels by area type used to decide when to install a shelter. Those levels are as follows:

<u>Location</u>	<u>Boarding</u>
Rural	10 boardings per day
Suburban	25 boardings per day
Urban	50 to 100 boardings per day

Bus shelters should also be provided at stops that are major generators of peak hour transit ridership or are major transfer points between routes. Stops that attract large concentrations of young, elderly, or temporarily or permanently disabled patrons, as well as, stops located at universities, recreation centers, senior citizen housing facilities, or hospitals should be sheltered.

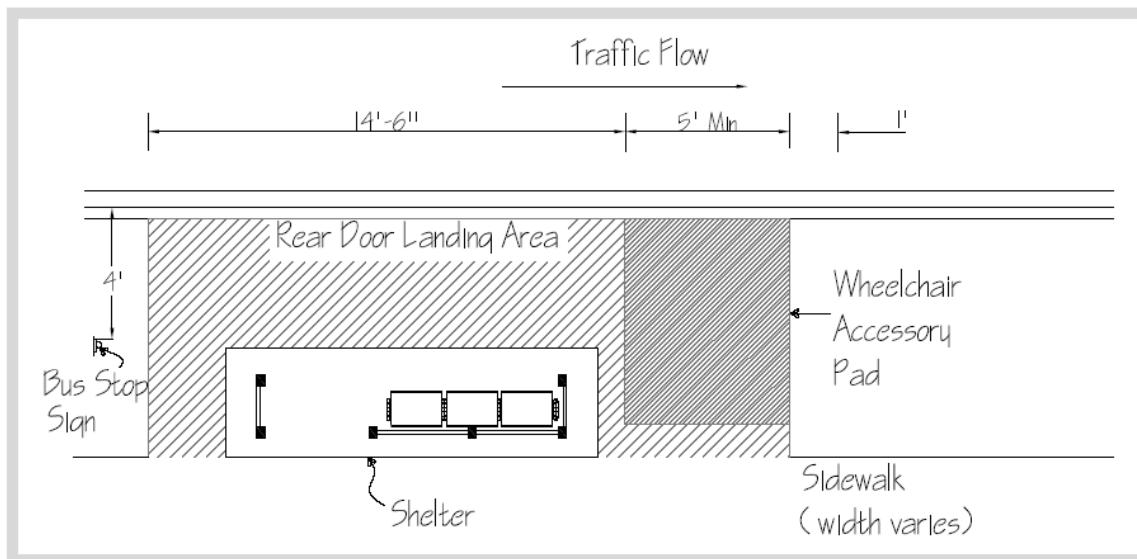
3.1.2 Right-of-Way Factors

The following descriptions on the location and placement of a shelter are based on the various guidelines and standards referenced in the previous sections. The open side of a shelter should be

placed toward oncoming traffic and should be grade-separated from the travel lane. Shelters should be located upstream of the bus zone without interfering with passengers boarding and alighting in order to maximize the visibility for approaching buses, passing traffic and waiting passengers. The location of bus shelters should minimize walking distances for waiting passengers. Bus shelters shall be located a minimum of 12 feet from an intersection. Also, bus shelters should be located at least five feet from the front door of the bus along the direction of travel in order to provide adequate circulating space for persons in wheelchairs.

The dimensions of bus shelter pads may be adjusted to accommodate site conditions. The minimum size of bus stop pads, per ADA requirements, shall be 8 feet (perpendicular to roadway) by 5 feet (parallel to roadway). The ideal bus stop pad size is 10 feet by 30 feet; see **Exhibit 1** for placement of a bus stop pad with shelter. In urban areas, the ideal situation is to provide a continuous 8-foot wide concrete pad along the entire length of the bus stop adjacent to the curb and gutter, right-of-way permitting.

Exhibit 1
Bus Stop Pad with Shelter



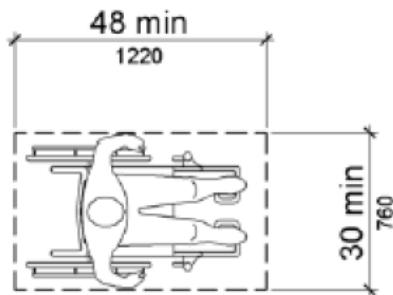
Source: Accessing Transit: Design Handbook for Florida Bus Passenger Facilities
Figure 1.16 Bus Stop Pad with Shelter

3.2 General Design Factors

The shelter shall have provisions to accommodate elderly and disabled people in order to meet ADA standards. A shelter that is accessible to people in wheelchairs must have a minimum clear floor or ground space area 30 inches wide and 48 inches deep entirely within the shelter, see **Exhibit 2**. Access entry points should not have less than a 36-inch wide clearance. There should be no steps between the sidewalk or bus pad and the shelter. Unless otherwise specified, the clear floor or ground space shall be positioned for either forward or parallel approach to an element, see **Exhibit 3**.

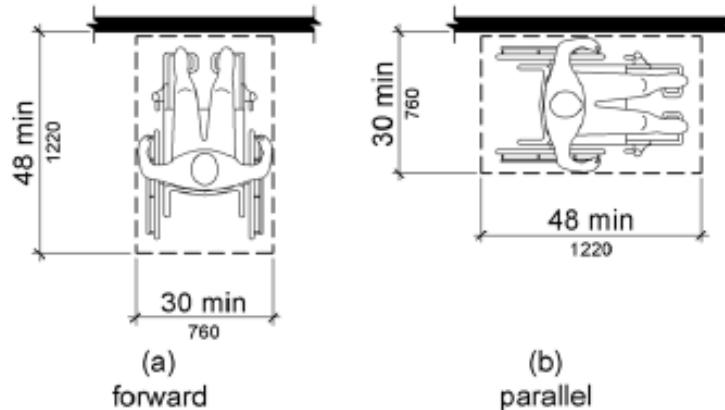
The bus shelter shall be connected by an accessible route to a boarding and alighting area all of which must comply with the ADA-ABA Accessibility Guidelines, see **Exhibit 4**. Shelters should incorporate seating whenever possible and include route maps and schedules. These should be easily readable by people in wheelchairs and those with visual impairments. Shelters can also be designed to incorporate benches and/or leaning rails.

Exhibit 2
ADA Clear Floor or Ground Space



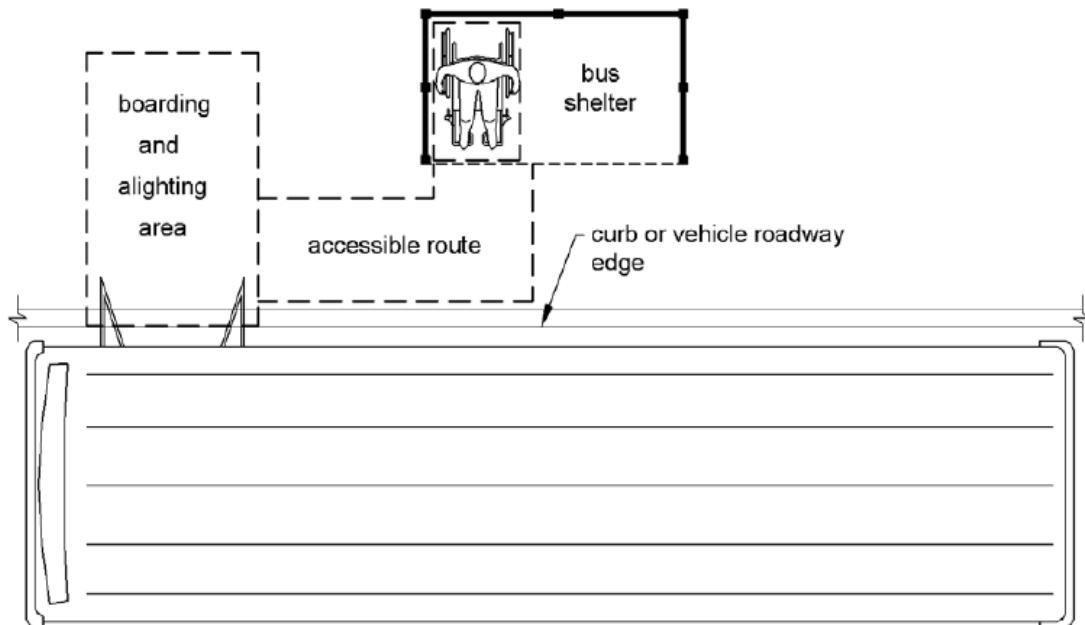
Source: Americans with Disabilities Act-and Architectural Barriers Act Accessibility Guidelines
Figure 305.3 Clear Floor or Ground Space

Exhibit 3
ADA Position of Clear Floor or Ground Space



Source: Americans with Disabilities Act-and Architectural Barriers Act Accessibility Guidelines
Figure 305.5 Position of Clear Floor or Ground Space

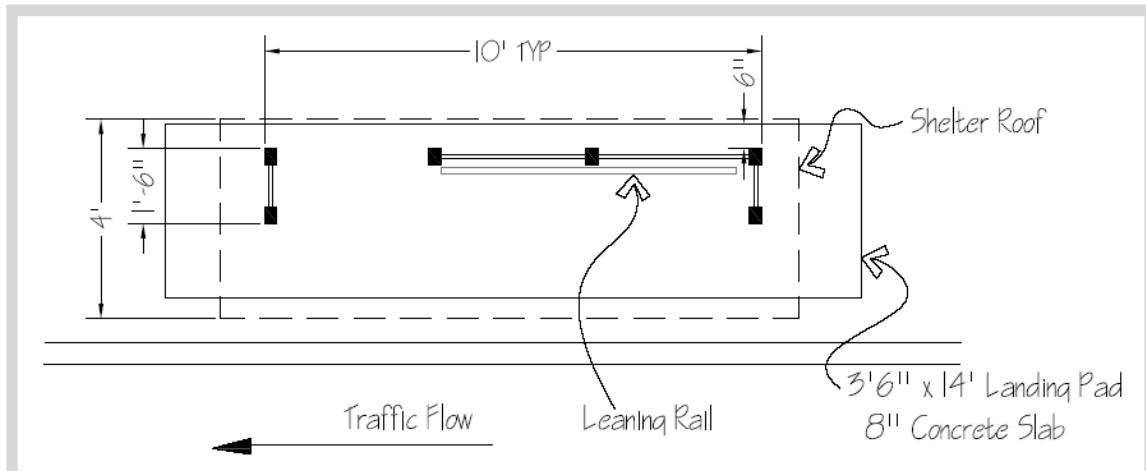
Exhibit 4
Bus Shelters



Source: Americans with Disabilities Act-and Architectural Barriers Act Accessibility Guidelines
Figure 810.3 Bus Shelters

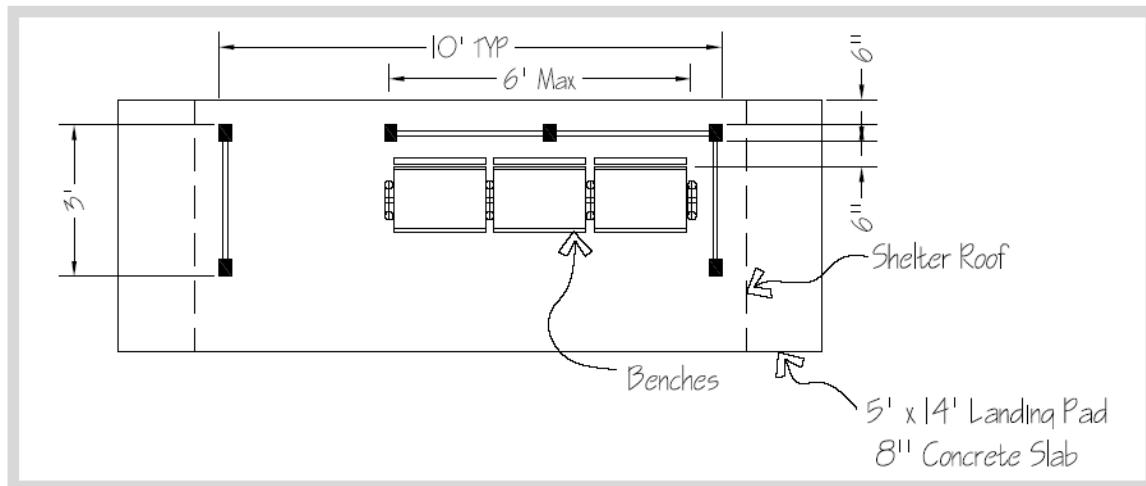
The size and design of shelters vary with the number of boarders at a bus stop and with space availability. The typical dimensions for shelters are given in **Exhibits 5 through 7**. Three dimensional graphics of the shelters are provided in **Appendix B**.

Exhibit 5
Small Bus Shelter with No Seating– Typical Dimensions



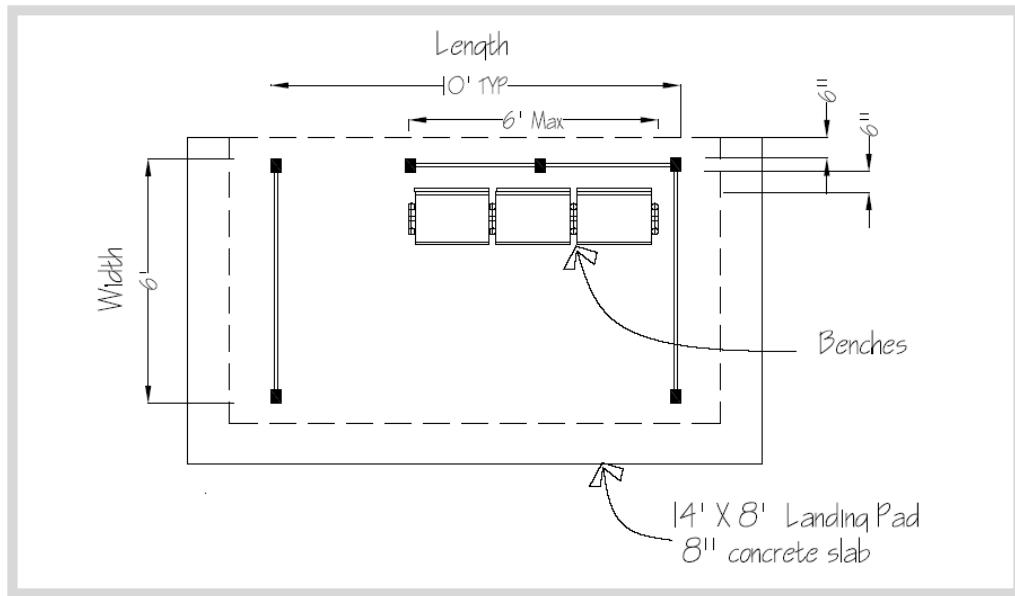
Source: Accessing Transit: Design Handbook for Florida Bus Passenger Facilities
Figure 1.22 Typical dimensions of small bus shelter with a leaning rail but no seating, applicable to stops with limited right-of-way width.

Exhibit 6
Small Bus Shelter – Typical Dimensions



Source: Accessing Transit: Design Handbook for Florida Bus Passenger Facilities
Figure 1.25 Typical dimensions of small bus shelter with seating.

Exhibit 7
Mid-Sized Bus Shelter – Typical Dimensions



Source: Accessing Transit: Design Handbook for Florida Bus Passenger Facilities
Figure 1.28 Typical dimensions of a mid-sized bus shelter.

4.0 DETERMINE POTENTIAL SITES

4.1 Methodology for Site Selection

There are approximately 9,300 bus stops countywide. In order to maintain a reasonable list for field data investigation, filters for site selection were established. Various agencies provided database files containing information regarding all aspects of the Metrobus facilities. A summary of the files that were provided is included in *Appendix C*. The guidelines and factors in the previous sections were used to establish the filters to determine potential sites for bus shelter installation. These filters are relevant to bus stop selection for shelter installation, such as existing bus shelters, available right-of-way, ADA compliance and accessibility.

4.2 Database Consolidation

Data was provided by departments within Miami-Dade Transit (MDT), Miami-Dade County and several municipalities. This information was categorized and reviewed for content and format compatibility. From this data, the filters were established for potential site determination. The following describes how the filters were applied to determine the list of potential bus stop locations.

4.2.1 Miami-Dade Transit Data

Various Divisions/ Sections within MDT provided data relevant to this study. This data consisted of a bus stop inventory database; MDT Ridership Technical Reports provide data to determine the high ridership routes; and Metrobus ridership data that includes boardings per bus stop, by route, by run. Cross-referencing these databases established a preliminary list of high activity bus stops along high ridership routes. The process is described in the following sections.

4.2.1.1 Bus Stop Inventory Database

MDT provided an inventory database assembled in 2002 for all Metrobus stop locations. The inventory includes location information such as bus stop name, main street, cross street, direction of bus travel; whether or not a route sign, bench, shelter or trash can exists; and if the bus stop is ADA accessible or compliant. From this inventory, a filter was applied to eliminate from consideration

bus stops with an existing shelter. A second filter was applied to eliminate bus stops that are not ADA accessible and compliant. This filter was applied in order to streamline the conditions required at potentially suitable sites and expedite completion of the bus shelter installation process.

4.2.1.2 High Ridership Bus Routes

MDT Metrobus route ridership information was obtained from their website. Several months of data were reviewed to determine the highest routes based on average weekday ridership. The top twenty routes, based on highest average weekday boardings, were determined; they are summarized in *Exhibit 8*. Support data and documentation are provided in *Appendix C*.

Exhibit 8
Top 20 Highest Ridership
MDT Routes

ROUTE	Average Weekday Boardings
S	13,256
L	11,362
K	4,653
J	5,861
H	5,125
51-FLAGLER MAX	4,978
38/500-BWMX/MIDN	6,589
123	5,987
83	4,125
77	11,307
62	4,906
32	4,225
27	9,480
22	4,964
17	4,984
16	4,219
11	14,057
9	6,525
8	7,877
7	4,357
3	8,094

Source: MDT Ridership Report: March-08

4.2.1.3 High Activity Bus Stops

MDT has a database assembled by CUTR in 2004 that includes boarding and alighting data for each bus stop. The data was collected from January to December, the number of occasions each bus stop was surveyed varied. The survey included location information such as bus stop name, main street, cross street, direction of bus travel; bus stop id, route, bus number, bus size, district, stop number, corner location, ons (boardings), offs(alightings), load, date, day of week, weather, arrival time, departure time, scheduled time. Bus stops on the top 20 routes were extracted and ranked by highest boardings. Since the number of times data was collected at a particular bus stop varied greatly, a weighted average of boardings (AVG ONS) was calculated for each bus stop. All bus stops with an ‘AVG ONS’ less than zero were eliminated. The resulting list of sites is provided in *Appendix D*.

4.2.2 Miami-Dade County Data

Miami-Dade Transit provided a database of field data collected from 2004 through 2008. The records include bus stops in several municipalities and unincorporated Miami-Dade County. For bus stops with no existing shelter, the data included whether sufficient right-of-way was available to install a bus shelter, site plans have been submitted for installation of a shelter, or a bus stop is already included on a shelter vendor’s installation list. From this data the next three filters were set and bus stops with insufficient right-of-way, submitted shelter installation plans or on a shelter vendor’s list, were eliminated.

Bus stops in districts that fell within municipalities that were not considered in the study for any reason were also eliminated. Some of the municipalities that are not included in the Miami-Dade County database and were not considered in the study, provided bus stop information on existing, planned or pending installation of a bus shelter, these stops were also eliminated from the list. All of the filters applied to the Metrobus stops are summarized in ***Exhibit 9***. The resulting list of sites is provided in *Appendix D*.

Exhibit 9
Potential Bus Shelter Installation Locations Determination

FILTER	# POTENTIAL SITES
All bus stop locations	9,279
exclude bus stops w/ shelters	8,433
exclude bus stops that are not ADA accessible and ADA compliant	3,603
exclude bus stops not on top 20 ridership routes & where MDT ON/OFF survey data shows "ONS"<0	1,661
exclude stops within BCO,CGB, MBC, MIA	814
exclude bus stops where a site plan has been submitted 2007+ or on vendor shelter list	772
exclude bus stops listed with inadequate ROW (various reasons)	376
exclude bus stops if municipality provided where shelters are existing/planned/pending	369
add bus stops on high ridership list with no ROW or existing shelter data	388
apply threshold based on boardings at bus stops where MDT ON/OFF survey data results in AVG ONS >1.55	171
add sites requested by ADA office not already on list	175
NUMBER OF BUS STOPS FOR FUTHER INVESTIGATION (FIELD DATA COLLECTION)	175

Source: David Plummer & Associates

4.2.3 Determination of Potential Sites

A threshold applied to the boardings was set in order to maintain a reasonable list for the field investigation effort that matches the scope of this study. Although significant in the preliminary filtering of sites, the bus stop inventory database used in the previous effort is dated from 2002 and for many municipalities current data was not available to determine whether a shelter had been installed since then. Also unavailable prior to starting the field investigation was information/data showing the existence of sufficient right-of-way or whether the site fulfilled the additional requirements for shelter installation; thus requiring a threshold to reduce the number of bus stops that fulfill the established filters. Therefore those stops with a weighted average boarding (AVG ONS), established in a previous section, of 1.55 or less were eliminated in order to obtain the bus stops with the highest activity. The resulting list is of 175 bus stops to be investigated for bus shelter installation. The subject list of locations is provided in ***Exhibit 10***

Exhibit 10
Sites for Shelter Installation Field Investigation

BUSSTOP ID	Municipality	MAIN ST	CROSS ST
AVT-0002.0000	AVENTURA	BISCAYNE BLVD	# 21280
AVT-0003.0000	AVENTURA	BISCAYNE BLVD	NE 209 ST
AVT-0007.0100	AVENTURA	BISCAYNE BLVD	# 19000
AVT-0017.0000	AVENTURA	BISCAYNE BLVD	NE 183 ST
AVT-0018.0000	AVENTURA	BISCAYNE BLVD	NE 186 ST
AVT-0019.0000	AVENTURA	BISCAYNE BLVD	NE 187 ST
AVT-0038.0000	AVENTURA	NE 29 PL	AVENTURA BLVD
AVT-0040.0000	AVENTURA	W COUNTRY CLUB DR	AVENTURA BLVD
AVT-0065.0000	AVENTURA	AVENTURA BLVD	# 2900(FIRE STATION)
AVT-0067.0000	AVENTURA	AVENTURA BLVD	199st
AVT-0069.0000	AVENTURA	AVENTURA BLVD	# 2845
AVT-0069.0500	AVENTURA	AVENTURA BLVD	BISCAYNE BLVD
AVT-1000.0000	AVENTURA	AVENTURA MALL	FOOD COURT ENTRANCE
FLC-0002.0000	FLORIDA CITY	NW 6 AV	NW 14 ST
FLC-0009.0000	FLORIDA CITY	NW 6 AV	NW 11 ST
HIA-0118.0000	HIALEAH	E 1 AV	E 7 ST
HIA-0120.0000	HIALEAH	E 1 AV	E 8 ST
HIA-0159.0000	HIALEAH	PALM AV	W 29 ST
HIA-0530.0000	HIALEAH	E 9 ST	E 3 AV
HIA-0546.0000	HIALEAH	E 9 ST	E 4 AV
HIA-0547.0000	HIALEAH	E 9 ST	E 3 AV
HIA-0572.0000	HIALEAH	E 21 ST	E 1 AV
HIA-0590.0000	HIALEAH	E 25 ST	E 10 AV
HIA-0596.0000	HIALEAH	E 25 ST	E 7 AV
HOM-0025.0000	HOMESTEAD	SW 6 AV	SW 6 ST
HOM-0027.0000	HOMESTEAD	SW 6 AV	SW 6 ST
HOM-0028.0000	HOMESTEAD	SW 6 AV	SW 4 ST
HOM-0028.0100	HOMESTEAD	SW 6 AV	W MOWRY DR
MD1-2016.0000	UNINCORPORATED MIAMI DADE	BUSWAY	SW 112 AV
MD4-0710.0125	UNINCORPORATED MIAMI DADE	FONTAINEBLEAU	95 BLOCK (#9460)
MD4-0710.0520	UNINCORPORATED MIAMI DADE	FONTAINEBLEAU	88 BLOCK (#8801)
MD6-0560.0100	UNINCORPORATED MIAMI DADE	NW 183 ST	NW 67 AV
MD6-0564.0200	UNINCORPORATED MIAMI DADE	NW 183 ST	NW 67 AV
MGD-0090.0000	MIAMI GARDENS	NW 7 AV	NW 179 TE
MGD-0130.0000	MIAMI GARDENS	NW 12 AV	NW 191 ST
MGD-0134.0000	MIAMI GARDENS	NW 12 AV	NW 195 ST
MGD-0129.0000	MIAMI GARDENS	NW 12 AV	NW 188 TE

(continued on next page)

Exhibit 10 (*continued from previous page*)
Sites for Shelter Installation Field Investigation

BUSSTOP ID	DISTRICT	MAIN ST	CROSS ST
MGD-0139.0000	MIAMI GARDENS	NW 12 AV	NW 183 ST
MGD-0223.0000	MIAMI GARDENS	NW 22 AV	E BUNCHE PARK DR S
MGD-0233.0000	MIAMI GARDENS	NW 22 AV	NW 183 ST
MGD-0236.0000	MIAMI GARDENS	NW 22 AV	NW 191 ST
MGD-0243.0000	MIAMI GARDENS	NW 22 AV	NW 175 ST
MGD-0248.0000	MIAMI GARDENS	NW 22 AV	E BUNCHE PARK DR N
MGD-0249.0000	MIAMI GARDENS	NW 22 AV	NW 158 ST
MGD-0250.0000	MIAMI GARDENS	NW 22 AV	W BUNCHE PARK DR
MGD-0251.0000	MIAMI GARDENS	NW 22 AV	NW 154 ST
MGD-0252.0000	MIAMI GARDENS	NW 22 AV	NW 151 ST
MGD-0306.0000	MIAMI GARDENS	NW 27 AV	NW 165 ST
MGD-0336.0000	MIAMI GARDENS	NW 27 AV	NW 159 ST
MGD-0337.0000	MIAMI GARDENS	NW 27 AV	NW 156 ST
MGD-0396.0000	MIAMI GARDENS	NW 37 AV	NW 165 ST
MGD-0399.0000	MIAMI GARDENS	NW 37 AV	NW 187 ST
MGD-0400.0000	MIAMI GARDENS	NW 37 AV	NW 188 ST
MGD-0401.0000	MIAMI GARDENS	NW 37 AV	NW 191 ST
MGD-0403.0000	MIAMI GARDENS	NW 37 AV	NW 194 ST
MGD-0416.0000	MIAMI GARDENS	NW 37 AV	NW 199 ST
MGD-0421.0000	MIAMI GARDENS	NW 37 AV	NW 187 ST
MGD-0423.0000	MIAMI GARDENS	NW 37 AV	NW 169 TE
MGD-0451.0000	MIAMI GARDENS	NW 42 AV	NW 159 ST
MGD-0981.0000	MIAMI GARDENS	NW 183 ST	NW 18 AV
MGD-0993.0000	MIAMI GARDENS	NW 183 ST	NW 37 AV
MGD-1054.0000	MIAMI GARDENS	NW 199 ST	NW 2 AV
MGD-1058.0000	MIAMI GARDENS	NW 199 ST	NW 3 PL
MGD-1094.0000	MIAMI GARDENS	NW 207 ST	NW 27 AV
MGD-1095.0000	MIAMI GARDENS	NW 207 ST	NW 29 AV
MGD-1136.0000	MIAMI GARDENS	NW 213 ST	NW 37 AV
MLK-0041.0000	MIAMI LAKES	NW 67 AV	WINDMILL GATE RD
MLK-0136.0000	MIAMI LAKES	MIAMI LAKES DR E	NW 60 AV
MSH-0019.0000	MIAMI SHORES	BISCAYNE BLVD	NE 87 ST
MSH-0021.0000	MIAMI SHORES	NE 6 AV	NE 91 ST (CLUB DR)
MSH-0033.0000	MIAMI SHORES	NE 6 AV	NE 92 ST
MSH-0036.0000	MIAMI SHORES	NE 2 AV	NE 96 ST
MSH-0037.0000	MIAMI SHORES	NE 2 AV	NE 100 ST
MSH-0004.0800	MIAMI SHORES	BISCAYNE BLVD	NE 87 ST

(continued on next page)

Exhibit 10 (*continued from previous page*)
Sites for Shelter Installation Field Investigation

BUSSTOP ID	DISTRICT	MAIN ST	CROSS ST
MSP-0028.0000	MIAMI SPRINGS	NW 36 ST	FORREST DR
NMB-0011.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 135 ST
NMB-0012.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	# 13675
NMB-0013.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 139 ST
NMB-0014.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 140 ST
NMB-0016.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 146 ST
NMB-0019.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 172 ST
NMB-0023.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 163 ST
NMB-0026.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 146 ST
NMB-0027.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	# 14100
NMB-0029.0000	NORTH MAIMI BEACH	BISCAYNE BLVD	NE 135 ST
NMB-0031.0000	NORTH MAIMI BEACH	NE 19 AV	NE 183 ST
NMB-0032.0000	NORTH MAIMI BEACH	NE 19 AV	NE 181 ST
NMB-0037.0000	NORTH MAIMI BEACH	NE 19 AV	NE 171 ST
NMB-0047.0000	NORTH MAIMI BEACH	NE 19 AV	NE 173 ST
NMB-0051.0000	NORTH MAIMI BEACH	NE 19 AV	NE 181 ST
NMB-0052.0150	NORTH MAIMI BEACH	NE 18 AV	NE 185 ST
NMB-0095.0100	NORTH MAIMI BEACH	NE 10 AV	NE 179 TE
NMB-0506.0000	NORTH MAIMI BEACH	NE 163 ST	NE 20 AV
NMB-0510.0100	NORTH MAIMI BEACH	NE 163 ST	INTERAMA BLVD
NMB-0512.0000	NORTH MAIMI BEACH	NE 163 ST	NE 23 AV
NMB-0515.0100	NORTH MAIMI BEACH	NE 163 ST	NE 18 AV
NMB-0516.0100	NORTH MAIMI BEACH	NE 163 ST	NE 16 AV
NMB-0517.0000	NORTH MAIMI BEACH	NE 163 ST	NE 12 AV
NMB-0534.0000	NORTH MAIMI BEACH	NE 167 ST	NE 6 AV
NMB-0536.0000	NORTH MAIMI BEACH	NE 167 ST	NE 2 AV
NOM-0004.0000	NORTH MAIMI	BISCAYNE BLVD	NE 127 ST
NOM-0005.0500	NORTH MAIMI	BISCAYNE BLVD	NE 135 ST
NOM-0005.0800	NORTH MAIMI	BISCAYNE BLVD	NE 156 ST
NOM-0009.0000	NORTH MAIMI	BISCAYNE BLVD	NE 125 ST
NOM-0010.0000	NORTH MAIMI	BISCAYNE BLVD	NE 123 ST
NOM-0012.0000	NORTH MAIMI	NE 16 AV	NE 143 ST
NOM-0019.0100	NORTH MAIMI	NE 16 AV	NE 125 ST
NOM-0053.0100	NORTH MAIMI	W DIXIE HY	NE 123 ST
NOM-0072.0000	NORTH MAIMI	W DIXIE HY	GRIFFING BLVD
NOM-0080.0000	NORTH MAIMI	NE 6 AV	NE 125 ST
NOM-0082.0000	NORTH MAIMI	NE 6 AV	NE 128 ST

(continued on next page)

Exhibit 10 (*continued from previous page*)
Sites for Shelter Installation Field Investigation

BUSSTOP ID	DISTRICT	MAIN ST	CROSS ST
NOM-0086.0000	NORTH MAIMI	NE 6 AV	NE 135 ST
NOM-0087.0000	NORTH MAIMI	NE 6 AV	NE 137 ST
NOM-0089.0000	NORTH MAIMI	NE 6 AV	NE 141 ST
NOM-0090.0000	NORTH MAIMI	NE 6 AV	NE 143 ST
NOM-0091.0000	NORTH MAIMI	NE 6 AV	NE 145 ST
NOM-0093.0000	NORTH MAIMI	NE 6 AV	NE 147 ST
NOM-0094.0000	NORTH MAIMI	NE 6 AV	NE 145 ST
NOM-0095.0000	NORTH MAIMI	NE 6 AV	NE 143 ST
NOM-0097.0000	NORTH MAIMI	NE 6 AV	NE 139 ST
NOM-0098.0000	NORTH MAIMI	NE 6 AV	NE 137 ST
NOM-0100.0100	NORTH MAIMI	NE 6 AV	NE 132 TE
NOM-0101.0000	NORTH MAIMI	NE 6 AV	NE 131 ST
NOM-0103.0000	NORTH MAIMI	NE 6 AV	NE 128 ST
NOM-0104.0000	NORTH MAIMI	NE 6 AV	W DIXIE HY
NOM-0124.0000	NORTH MAIMI	NW 7 AV	NW 125 ST
NOM-0130.0000	NORTH MAIMI	NW 7 AV	OPA LOCKA BLVD
NOM-0133.0000	NORTH MAIMI	NW 7 AV	NW 135 ST
NOM-0134.0000	NORTH MAIMI	NW 7 AV	NW 133 ST
NOM-0135.0000	NORTH MAIMI	NW 7 AV	NW 131 ST
NOM-0138.0000	NORTH MAIMI	NW 7 AV	NW 125 ST
NOM-0139.0000	NORTH MAIMI	NW 7 AV	NW 123 ST
NOM-0545.0100	NORTH MAIMI	NE 125 ST	NE 12 AV
OPL-0004.0000	OPA LOCKA	NW 22 AV	WILMINGTON ST
OPL-0012.0000	OPA LOCKA	NW 22 AV	OPA LOCKA BLVD
OPL-0013.0000	OPA LOCKA	NW 27 AV	NW 136 ST
OPL-0024.0000	OPA LOCKA	NW 27 AV	NW 135 ST
OPL-0024.0100	OPA LOCKA	NW 27 AV	NW 132 ST
OPL-0025.0000	OPA LOCKA	NW 27 AV	NW 131 ST
OPL-0026.0000	OPA LOCKA	NW 27 AV	NW 127 ST
OPL-0026.0900	OPA LOCKA	SINBAD AV	OPA LOCKA BLVD
OPL-0029.0100	OPA LOCKA	PERVIZ AV	SHARAZAD BLVD
OPL-0032.0000	OPA LOCKA	OPA LOCKA BLVD	WEST DR
OPL-0036.0000	OPA LOCKA	OPA LOCKA BLVD	CALIPH AV
OPL-0041.0200	OPA LOCKA	NW 32 AV	NW 132 TE
OPL-0041.0300	OPA LOCKA	NW 32 AV	NW 135 ST
OPL-0123.0300	OPA LOCKA	SHARAZAD BLVD	PERVIZ AV
OPL-0124.0600	OPA LOCKA	ALI BABA AV	PERVIZ AV

(continued on next page)

Exhibit 10 (*continued from previous page*)
Sites for Shelter Installation Field Investigation

BUSTOP ID	DISTRICT	MAIN ST	CROSS ST
OPL-0125.0070	OPA LOCKA	NW 151 ST	NW 33 CT
SIB-0006.0000	SUNNY ISLES BEACH	COLLINS AV	159 ST-KINGS PT DR
SIB-0007.0000	SUNNY ISLES BEACH	COLLINS AV	160 ST
SIB-0010.0000	SUNNY ISLES BEACH	COLLINS AV	OP # 16830
SIB-0011.0000	SUNNY ISLES BEACH	COLLINS AV	170 ST
SIB-0013.0000	SUNNY ISLES BEACH	COLLINS AV	174 ST
SIB-0020.0000	SUNNY ISLES BEACH	COLLINS AV	185 ST
SIB-0023.0000	SUNNY ISLES BEACH	COLLINS AV	192 ST
SIB-0031.0000	SUNNY ISLES BEACH	COLLINS AV	183 ST
SIB-0032.0000	SUNNY ISLES BEACH	COLLINS AV	182 ST
SIB-0033.0000	SUNNY ISLES BEACH	COLLINS AV	# 18080
SIB-0034.0000	SUNNY ISLES BEACH	COLLINS AV	178 ST
SIB-0035.0000	SUNNY ISLES BEACH	COLLINS AV	176 ST
SIB-0036.0000	SUNNY ISLES BEACH	COLLINS AV	174 ST
SIB-0039.0000	SUNNY ISLES BEACH	COLLINS AV	# 16830
SIB-0039.0100	SUNNY ISLES BEACH	COLLINS AV	163 ST
SIB-0060.0000	SUNNY ISLES BEACH	NE 163 ST	# 290 (COLONIAL BNK)
SIB-0060.0500	SUNNY ISLES BEACH	NE 163 ST	COLLINS AV
SIB-0061.0000	SUNNY ISLES BEACH	NE 163 ST	N BAY RD
SUR-0012.0000	SURFSIDE	HARDING AV	93 ST
SWT-0001.0250	SWEETWATER	SW 107 AV	SW 3 ST
SWT-0007.0850	SWEETWATER	W FLAGLER ST	SW 114 AV
SWT-0010.0000	SWEETWATER	W FLAGLER ST	SW 109 AV
SWT-0011.0000	SWEETWATER	W FLAGLER ST	SW 107 AV
SWT-0014.0200	SWEETWATER	W FLAGLER ST	NW 112 AV
WMI-0011.0000	WEST MIAMI	SW 8 ST	SW 58 AV
WMI-0012.0000	WEST MIAMI	SW 8 ST	SW 57 AV

Source: David Plummer & Associates

5.0 FINAL DETERMINATION OF SITES

The 175 bus stops determined from the preceding efforts were visually surveyed for suitability of bus shelter installation. In order to consider a bus stop for shelter installation, as noted in previous sections of this report, several conditions must be established. These conditions were used as a basis for the site data collection and field review.

5.1 Site Data Collection & Field Review

The list of criteria established for the field review included verification and/or satisfaction of the following: no existing bus shelter; minimum clear distance from back of curb, closest intersection, fire hydrant, parking space for the disabled or utility pole; available space to maintain minimum pedestrian pathway width on three sides of a proposed shelter; and minimum vertical clearance. Consideration was also given to the proximity of the site to major generators. A summary of the field review notes is provided in *Appendix E*.

5.2 Data Consolidation for Site Suitability

Bus stops fulfilling the requirements established for shelter installation are summarized in *Exhibit 11-A*. Locations that would meet these requirements with minimal adjustments are categorized as potentially suitable for shelter installation and summarized in *Exhibit 11-B*. Results of the previous efforts were consolidated and then using GIS-based ArcView each of the 175 sites visited was mapped. Each site was also categorized as either having an existing shelter, not suitable for shelter installation, potentially suitable for shelter installation or suitable for shelter installation. The categories are reflected on the corresponding maps which have been combined with photographs of each site that is categorized as suitable or potentially suitable for shelter installation. The locations, assembled by jurisdiction, are included in *Exhibits 12-A through 12-O*.

As mentioned in the previous section, the threshold applied to the boardings was set in order to maintain a reasonable list for the field investigation effort that matches the scope of this study.

Exhibit 13 summarizes how many additional sites are added to the list by lowering the threshold from 1.55 to 1.45. Location maps are provided in **Appendix F**. However, these sites were not investigated in the field under this effort. Sites for lower thresholds are also provided in **Appendix F** for use in any future studies.

Exhibit 11-A
Sites Suitable for Shelter Installation

BUS STOP ID	SUITABILITY	MAIN_ST	CROSS_ST
AVT-0007.0100	Y	BISCAYNE BD	# 19000
AVT-0040.0000	Y	W COUNTRY CLUB DR	AVENTURA BD
AVT-0065.0000	Y	AVVENTURA BD	# 2900(FIRE STATION)
AVT-0069.0500	Y	AVVENTURA BD	BISCAYNE BD
MGD-0090.0000	Y	NW 7 AV	NW 179 TE
MGD-0130.0000	Y	NW 12 AV	NW 191 ST
MGD-0252.0000	Y	NW 22 AV	NW 151 ST
MGD-0336.0000	Y	NW 27 AV	NW 159 ST
MGD-0401.0000	Y	NW 37 AV	NW 191 ST
MGD-0403.0000	Y	NW 37 AV	NW 194 ST
MGD-0993.0000	Y	NW 183 ST	NW 37 AV
MGD-1058.0000	Y	NW 199 ST	NW 3 PL
MLK-0136.0000	Y	BISCAYNE BD	NE 87 ST
MSH-0021.0000	Y	NE 6 AV	NE 92 ST
MSH-0037.0000	Y	NW 36 ST	FORREST DR
NMB-0013.0000	Y	BISCAYNE BD	NE 140 ST
NMB-0023.0000	Y	BISCAYNE BD	NE 146 ST
NMB-0032.0000	Y	NE 19 AV	NE 171 ST
NMB-0095.0100	Y	NE 163 ST	NE 20 AV
NMB-0515.0100	Y	NE 163 ST	NE 16 AV
NMB-0516.0100	Y	NE 163 ST	NE 12 AV
OPL-0029.0100	Y	PERVIZ AV	SHARAZAD BD
OPL-0123.0300	Y	SHARAZAD BD	PERVIZ AV
OPL-0124.0600	Y	ALI BABA AV	PERVIZ AV
SIB-0010.0000	Y	COLLINS AV	OP # 16830

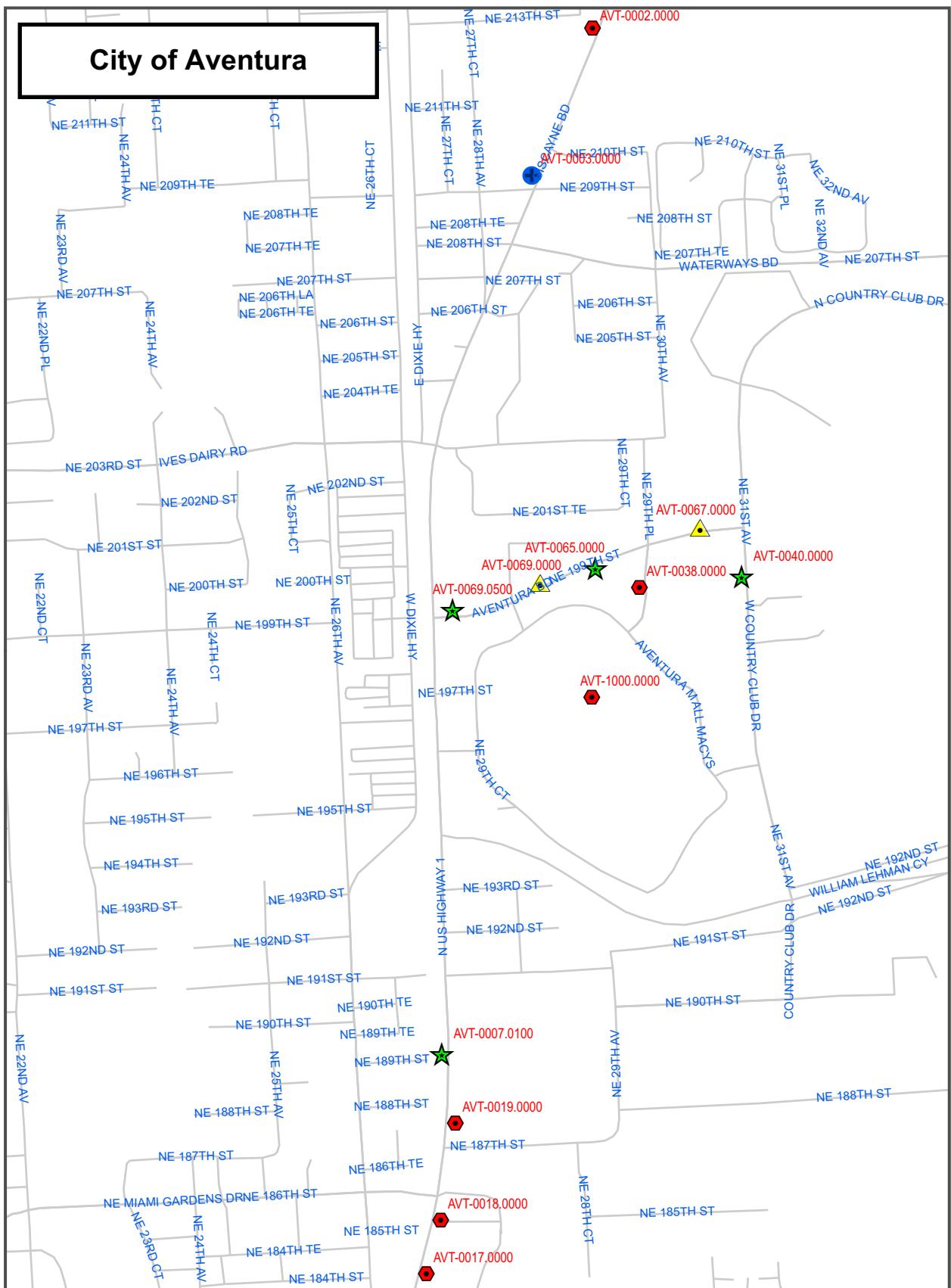
Source: David Plummer & Associates

Exhibit 11-B
Sites Potentially Suitable for Shelter Installation

BUS STOP ID	SUITABILITY	MAIN_ST	CROSS_ST
AVT-0067.0000	P	AVENTURA BD	199st
AVT-0069.0000	P	AVENTURA BD	# 2845
FLC-0003.0000	P	NW 6 AV	NW 11 ST
HIA-0118.0000	P	E 1 AV	E 8 ST
HIA-0530.0000	P	E 9 ST	E 4 AV
HIA-0572.0000	P	E 25 ST	E 10 AV
HOM-0025.0000	P	SW 6 AV	SW 6 ST
HOM-0027.0000	P	SW 6 AV	SW 4 ST
HOM-0028.0100	P	BUSWAY	SW 112 AV
MD4-0710.0650	P	NW 183 ST	NW 67 AV
MGD-0236.0000	P	NW 22 AV	NW 191 ST
MGD-0306.0000	P	NW 27 AV	NW 165 ST
MGD-0451.0000	P	NW 42 AV	NW 159 ST
MLK-0041.0000	P	NW 67 AV	WINDMILL GATE RD
MLK-0135.0000	P	MIAMI LAKES DR E	NW 60 AV
MSH-0004.0800	P	BISCAYNE BD	NE 87 ST
NMB-0047.0000	P	NE 19 AV	NE 181 ST
NMB-0051.0000	P	NE 18 AV	NE 185 ST
NMB-0510.0100	P	NE 163 ST	NE 23 AV
NMB-0534.0000	P	NE 167 ST	NE 2 AV
NOM-0087.0000	P	NE 6 AV	NE 141 ST
NOM-0093.0000	P	NE 6 AV	NE 147 ST
NOM-0098.0000	P	NE 6 AV	NE 137 ST
NOM-0103.0000	P	NE 6 AV	NE 128 ST
OPL-0026.0000	P	NW 27 AV	NW 127 ST
OPL-0036.0000	P	OPA LOCKA BD	CALIPH AV
SIB-0006.0000	P	COLLINS AV	159 ST-KINGS PT DR
SIB-0011.0000	P	COLLINS AV	170 ST
SIB-0013.0000	P	COLLINS AV	174 ST
SIB-0039.0000	P	COLLINS AV	# 16830
SWT-0014.0200	P	W FLAGLER ST	NW 112 AV
WMI-0011.0000	P	SW 8 ST	SW 58 AV

Source: David Plummer & Associates

Exhibit 12-A-1
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter



Exhibit 12-A-2
BUS STOPS SUITABLE FOR SHELTERS



AVT-0007.0100.jpg

WEST SIDE OF BISCAYNE BLVD @ 190 BLK



AVT-0040.0000.jpg

WEST SIDE OF W COUNTRY CLUB DR @ AVENTURA



AVT-0065.0000.jpg

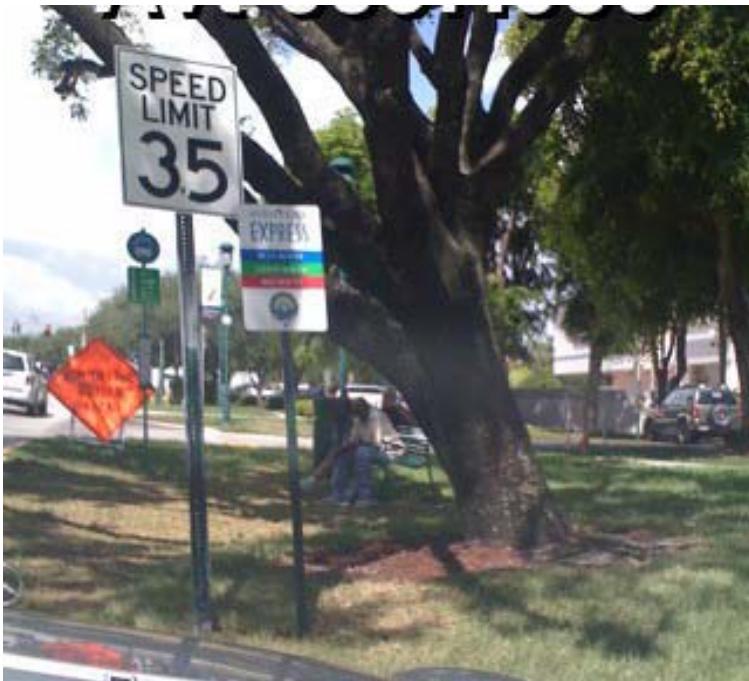
SOUTH SIDE OF AVENTURA BLVD @ #2900 (FIRE STA)



AVT-0069.0500.jpg

NORTH SIDE OF AVENTURA BLVD @ BISCAYNE BLVD

Exhibit 12-A-3
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



AVT-0067.0000.jpg

NORTH SIDE OF AVENTURA BLVD @ NE 199 ST



AVT-0069.0000.jpg

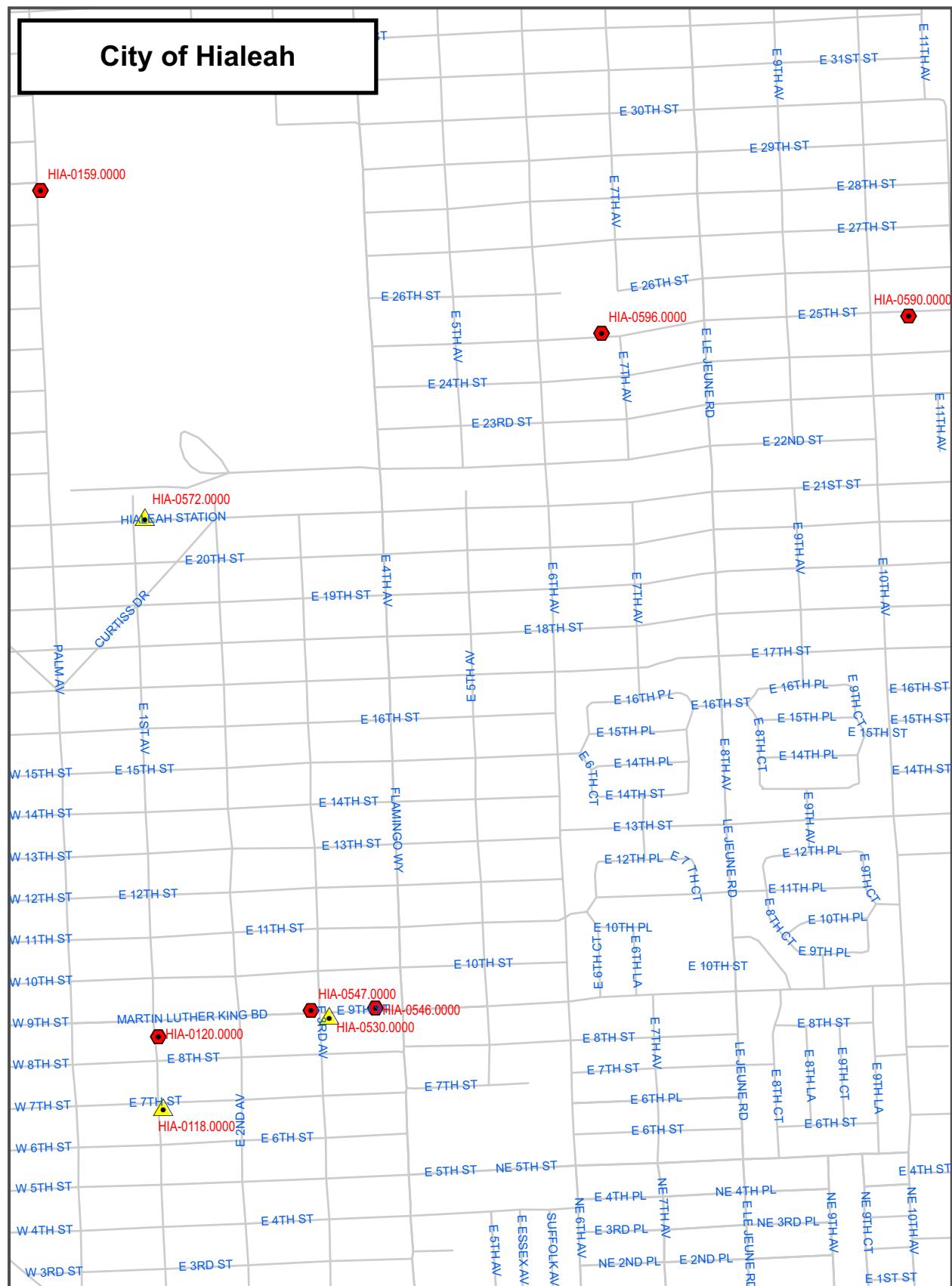
NORTH SIDE OF AVENTURA BLVD @ #2845



AVT-0069.0000_2.jpg

NORTH SIDE OF AVENTURA BLVD @ #2845

Exhibit 12-B-1
Bus Stop Suitability for Shelter Installation

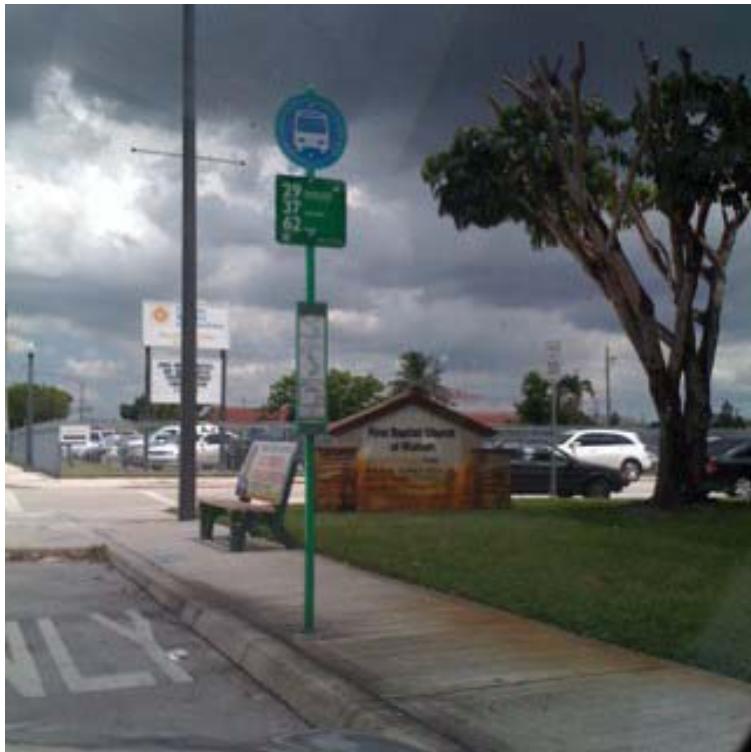


Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter

Exhibit 12-B-2
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



HIA-0118.0000.jpg
EAST SIDE OF E 1 AV @ E 7 ST



HIA-0572.0000.jpg
EAST SIDE OF E 21 AV @ E 1 AV



HIA-0572.0000_2.jpg
EAST SIDE OF E 21 AV @ E 1 AV



HIA-0572.0000_3.jpg
EAST SIDE OF E 21 AV @ E 1 AV

Exhibit 12-C-1
Bus Stop Suitability for Shelter Installation

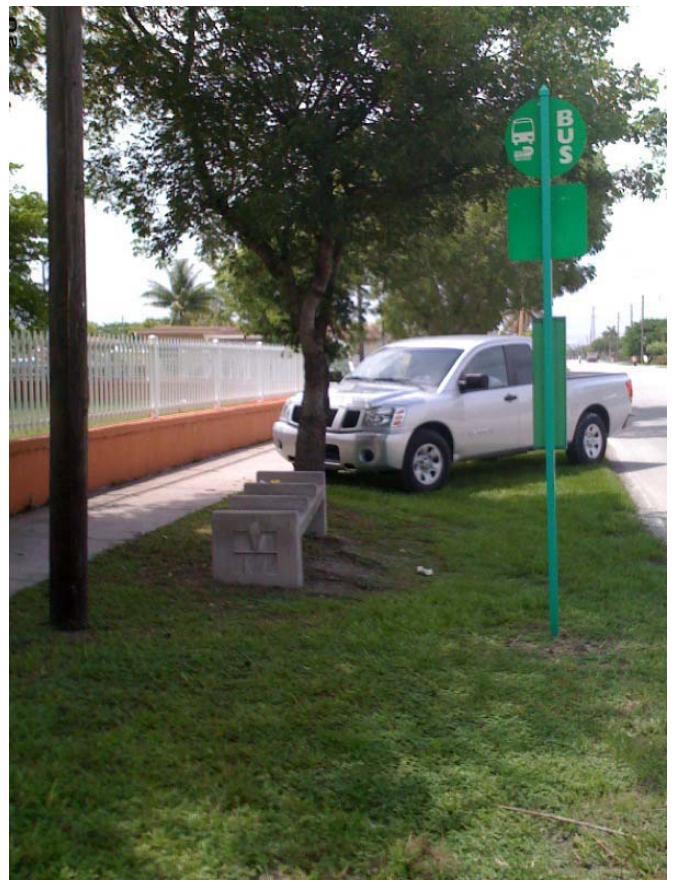


Exhibit 12-C-2
BUS STOPS SUITABLE FOR SHELTERS



FLC_0003.0000_1.jpg

SW OF NW 6 AV @ NW 11 ST



FLC_0003.0000_2.jpg

SW OF NW 6 AV @ NW 11 ST



FLC_0003.0000_3.jpg

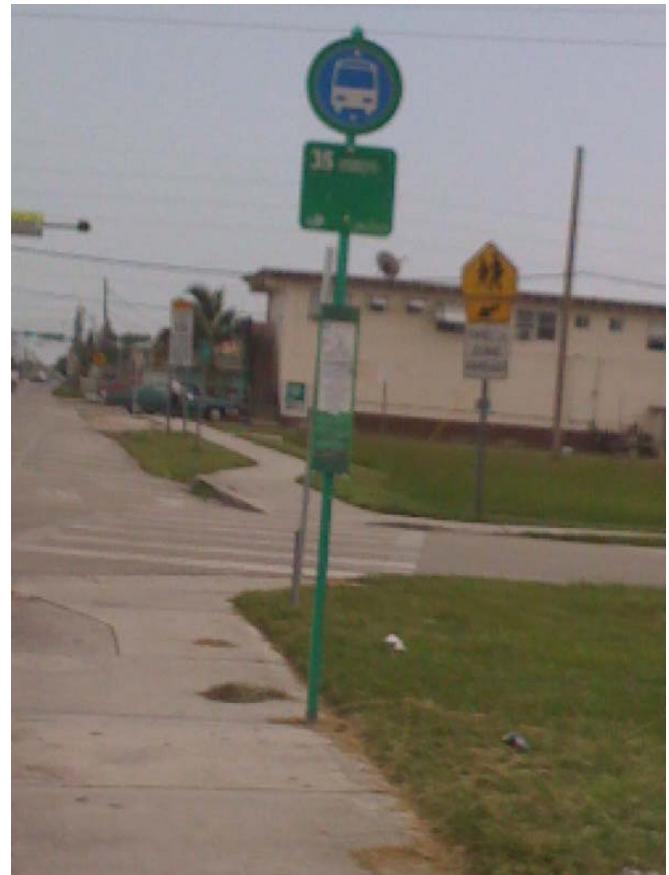
SW OF NW 6 AV @ NW 11 ST

Exhibit 12-C-3
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



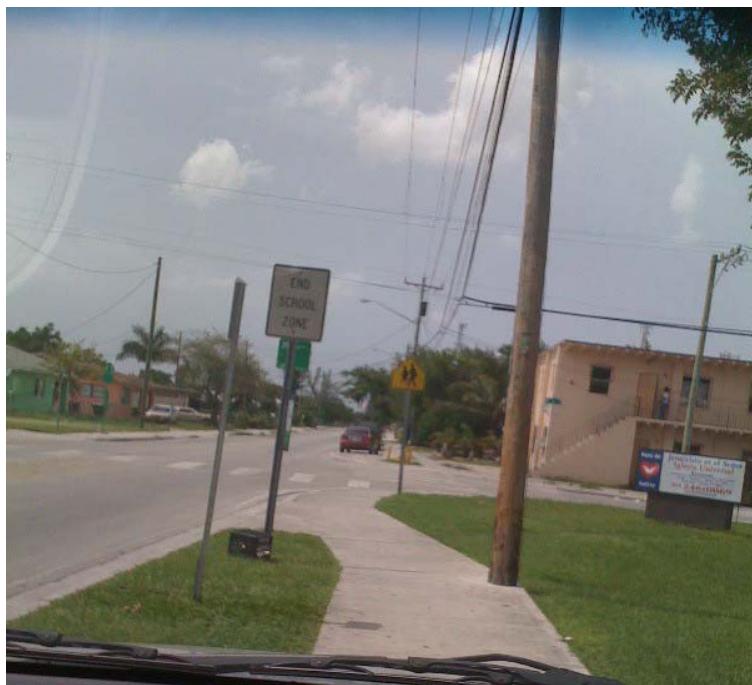
HOM-0025.0000.jpg

NW CORNER OF SW 6 AV @ SW 6 ST



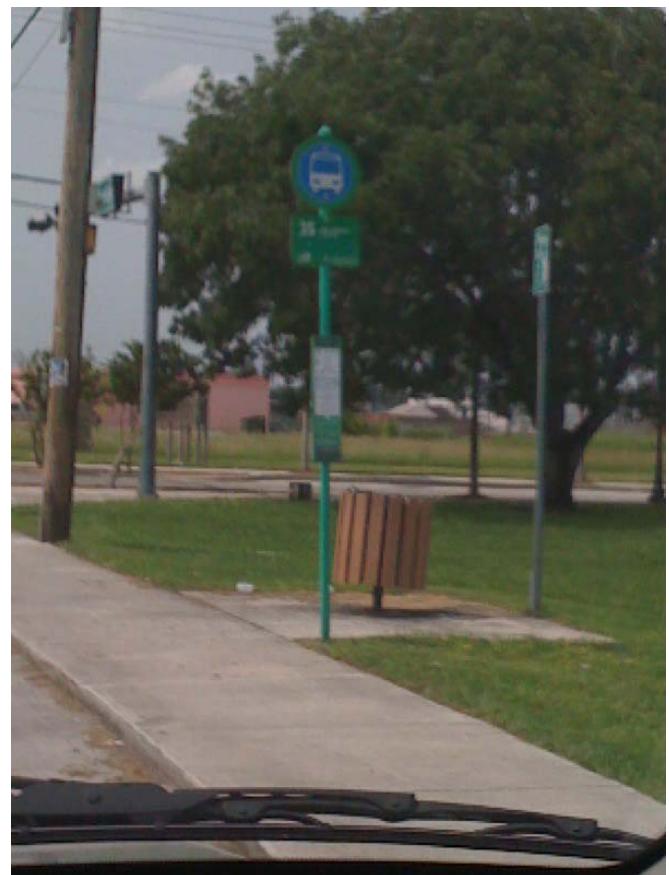
HOM-0025.0000_1.jpg

NW CORNER OF SW 6 AV @ SW 6 ST



HOM-0027.0000.jpg

SE CORNER OF SW 6 AV @ SW 6 ST



HOM-0028.0100.jpg

SE QUADRANT OF SW 6 AV @ SW 4 ST

Exhibit 12-D-1

Bus Stop Suitability for Shelter Installation

Unincorporated Miami Dade County



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

Suitable

 Existing Shelter

Exhibit 12-D-2
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



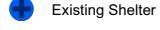
Suitable



Potentially Suitable



Unsuitable



Existing Shelter



Exhibit 12-D-3
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter



Exhibit 12-D-4
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



MD4-0710.0650-2.jpg



MD4-0710.0650.jpg

N SIDE OF FONTAINEBLEAU BLVD BTWN 95 & 88 BLKS

Exhibit 12-E-1
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- △ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter



Exhibit 12-E-2
Bus Stop Suitability for Shelter Installation



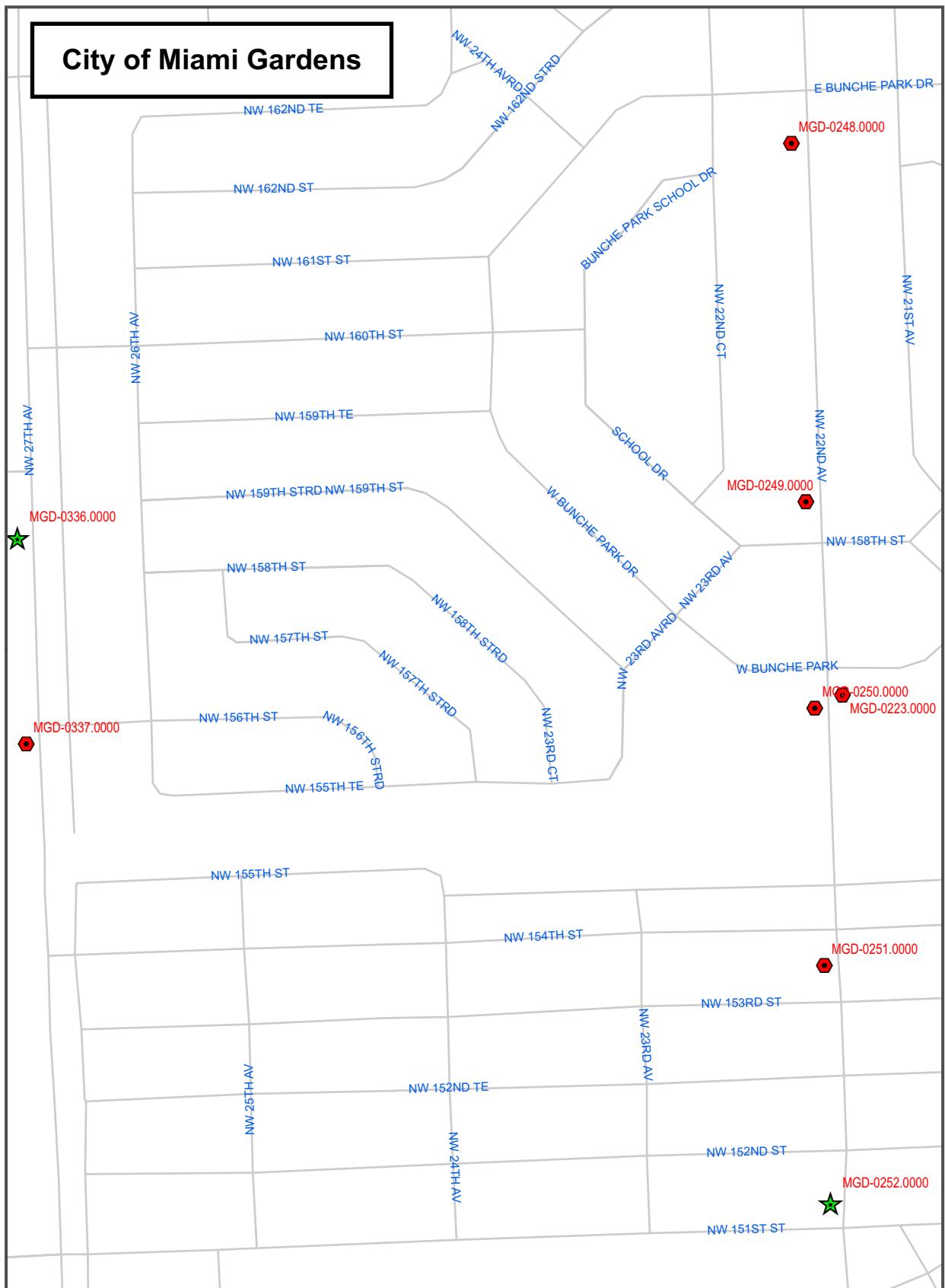
Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter



Exhibit 12-E-3
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter

Exhibit 12-E-4

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

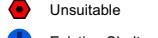
Bus Shelter Installation Site



Suitable



Potentially Suitable



Unsuitable

Exhibit 12-E-5

Bus Stop Suitability for Shelter Installation

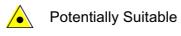


Bus Stop Suitability for Shelter Installation

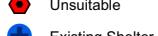
Bus Shelter Installation Site



Suitable



Potentially Suitable



Existing Shelter

Exhibit 12-E-6
Bus Stop Suitability for Shelter Installation



City of Miami Gardens



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter

Exhibit 12-E-7
BUS STOPS SUITABLE FOR SHELTERS



MGD-0090.0000.JPG

NE QUADRANT OF NW 7 AVE @ NW 179 TERR



MGD-0252.0000.JPG

NW CORNER OF NW 22 AVE @ NW 151 ST



MGD-0336.0000.JPG

SW QUADRANT OF NW 27 AVE @ 159 ST



MGD-0401.0000.JPG

NE CORNER OF NW 37 AVE @ NW 191

Exhibit 12-E-8
BUS STOPS SUITABLE FOR SHELTERS



MGD-0403.0000.JPG

NE CORNER OF NW 37 AVE @ NW 191 ST



MGD-0993.0000.JPG

NE QUADRANT OF NW 183 ST @ NW 37 AVE



MGD-1058.0000.JPG

NE QUADRANT OF NW 199 ST @ NW 3 PL

Exhibit 12-E-9
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



MGD-0236.0000.JPG

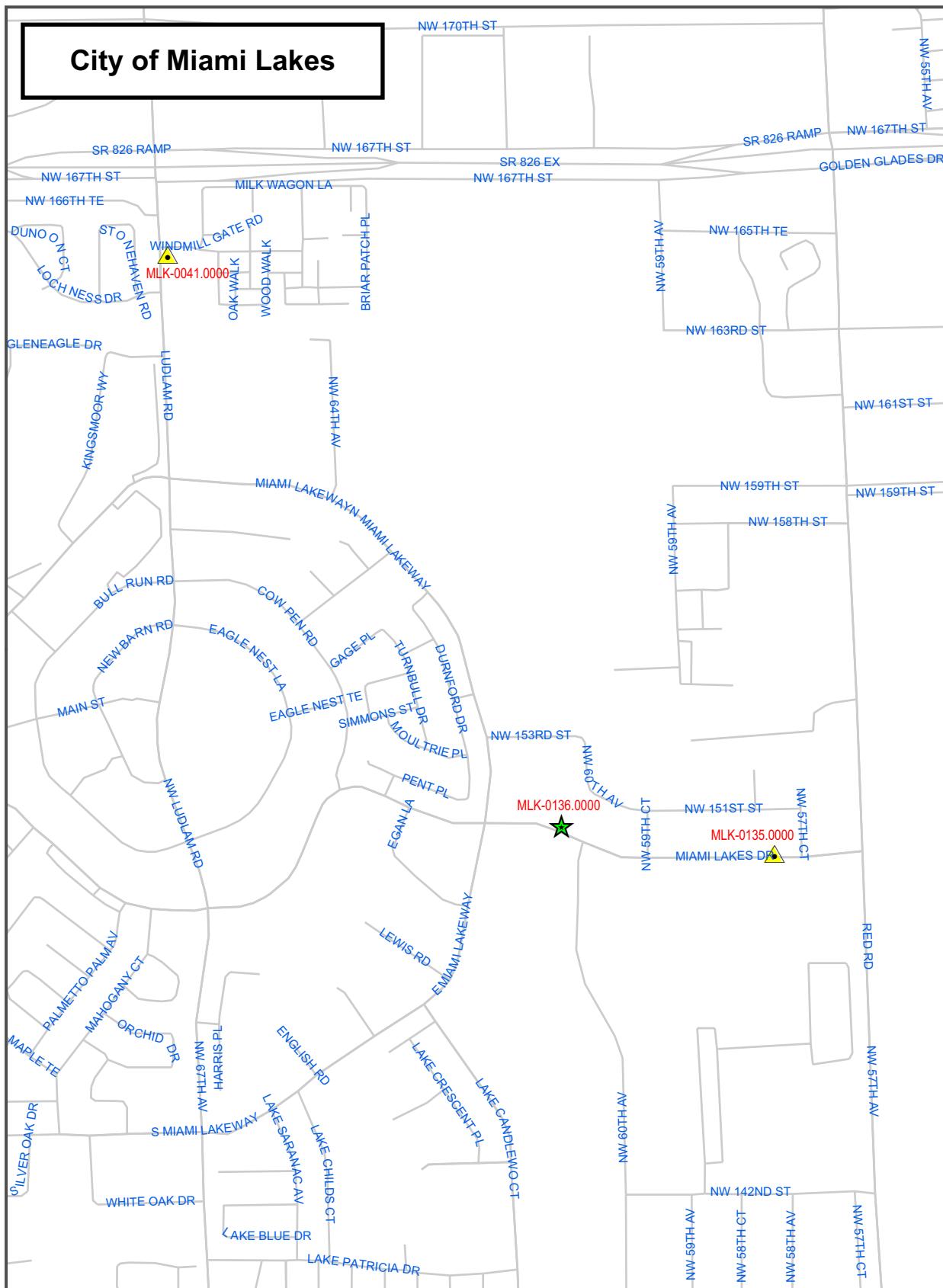
SE QUADRANT OF NW 22 AVE @ NW 191 ST



MGD-0306.0000.JPG

SE QUADRANT OF NW 27 AVE @ NW 165 ST

Exhibit 12-F-1
Bus Stop Suitability for Shelter Installation

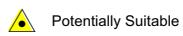


Bus Stop Suitability for Shelter Installation

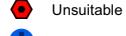
Bus Shelter Installation Site



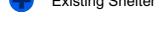
Suitable



Potentially Suitable



Unsuitable



Existing Shelter

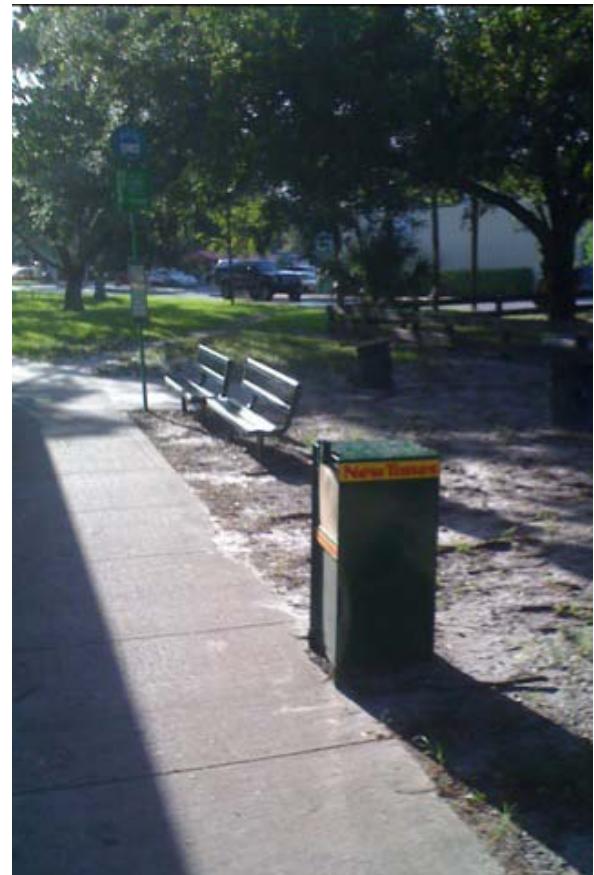


Exhibit 12-F-2
BUS STOPS SUITABLE FOR SHELTERS



MLK-0136.0000_2.jpg

NE QUADRANT OF MIAMI LAKES DR @ NW 60 AVE



MLK-0136.0000_3.jpg

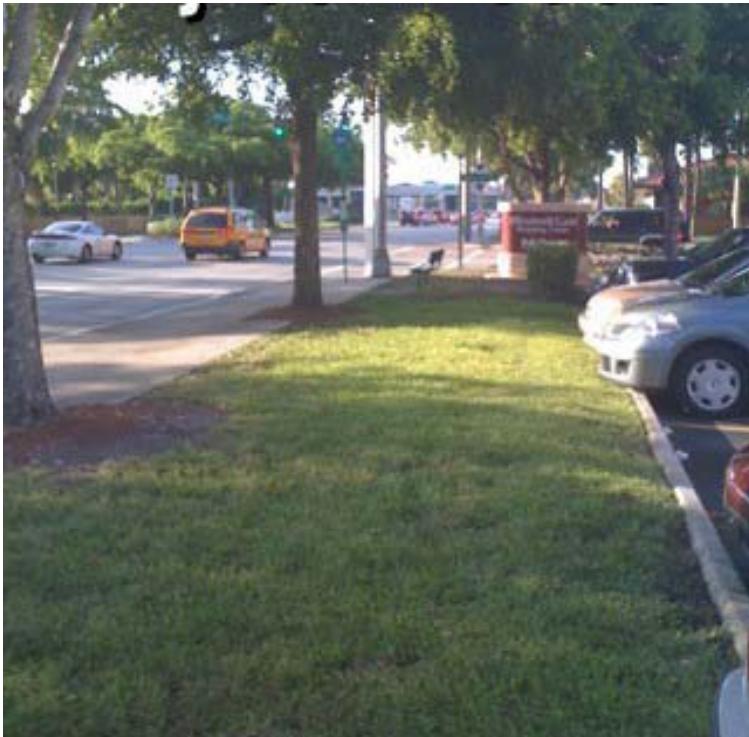
NE QUADRANT OF MIAMI LAKES DR @ NW 60 AVE



MLK-0136.0000_4.jpg

NE QUADRANT OF MIAMI LAKES DR @ NW 60 AVE

Exhibit 12-F-3
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



MLK-0041.0000.jpg

SE CORNER OF NW 67 AVE @ WINDMILL GATE RD



MLK-0041.0000_1.jpg

SE CORNER OF NW 67 AVE @ WINDMILL GATE RD

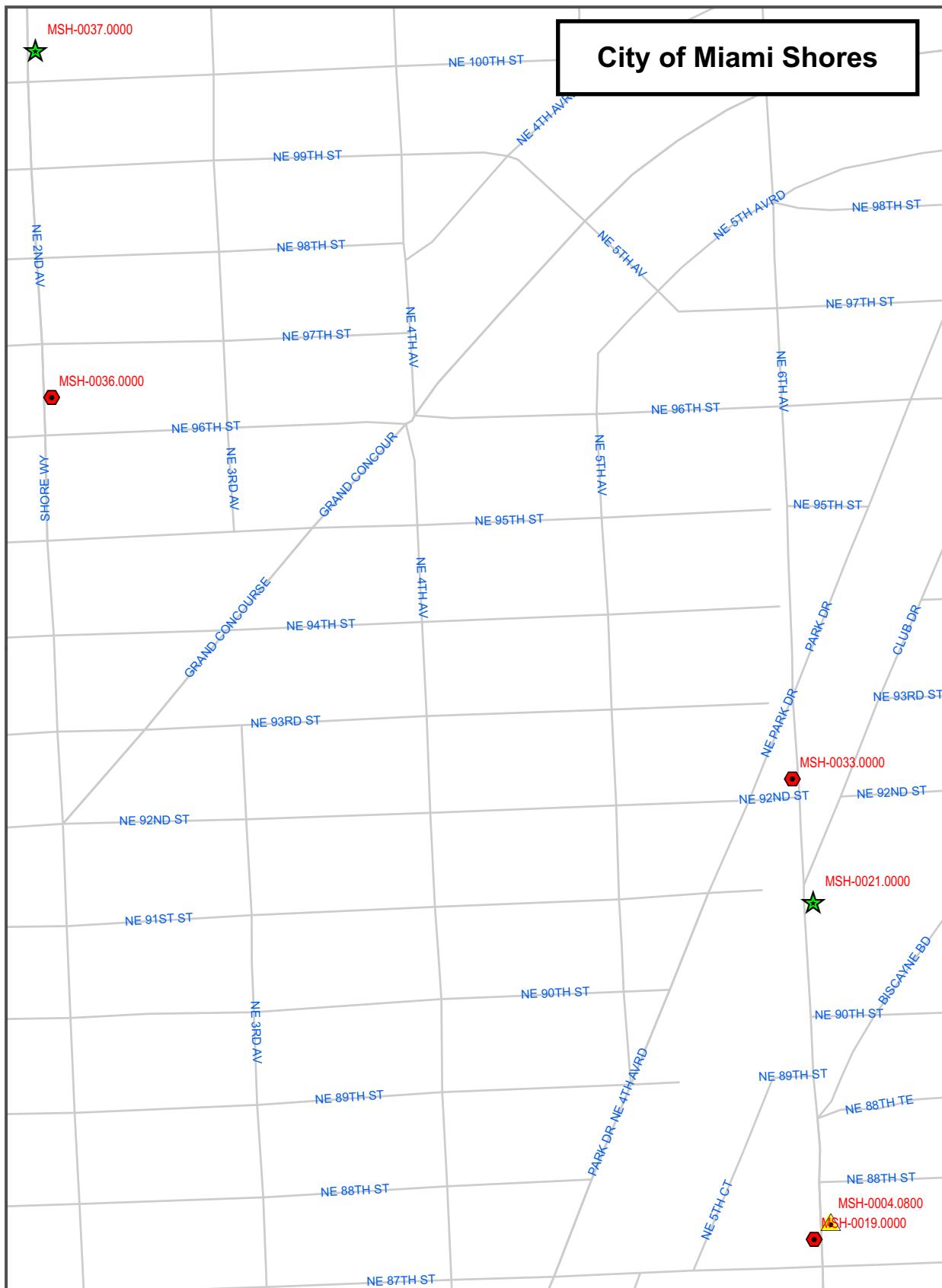


MLK-0041.0000_2.jpg

SE CORNER OF NW 67 AVE @ WINDMILL GATE RD

Exhibit 12-G-1

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



Suitable



Potentially Suitable



Unsuitable

Exhibit 12-G-2
BUS STOPS SUITABLE FOR SHELTERS



MSH-0021.0000.JPG

E SIDE OF NE 6 AVE @ NE 91 ST (CLUB DR)



MSH-0037.0000.JPG

NE CORNER OF NE 2 AVE @ NE 100 ST

Exhibit 12-G-3
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



MSH-0004.0800.JPG

E SIDE OF BISCAYNE BLVD @ NE 87 ST

Exhibit 12-H-1
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- ✚ Existing Shelter



Exhibit 12-I-1

Bus Stop Suitability for Shelter Installation

City of North Miami Beach



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

Suitable

Exhibit 12-I-2

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

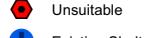
Bus Shelter Installation Site



Suitable



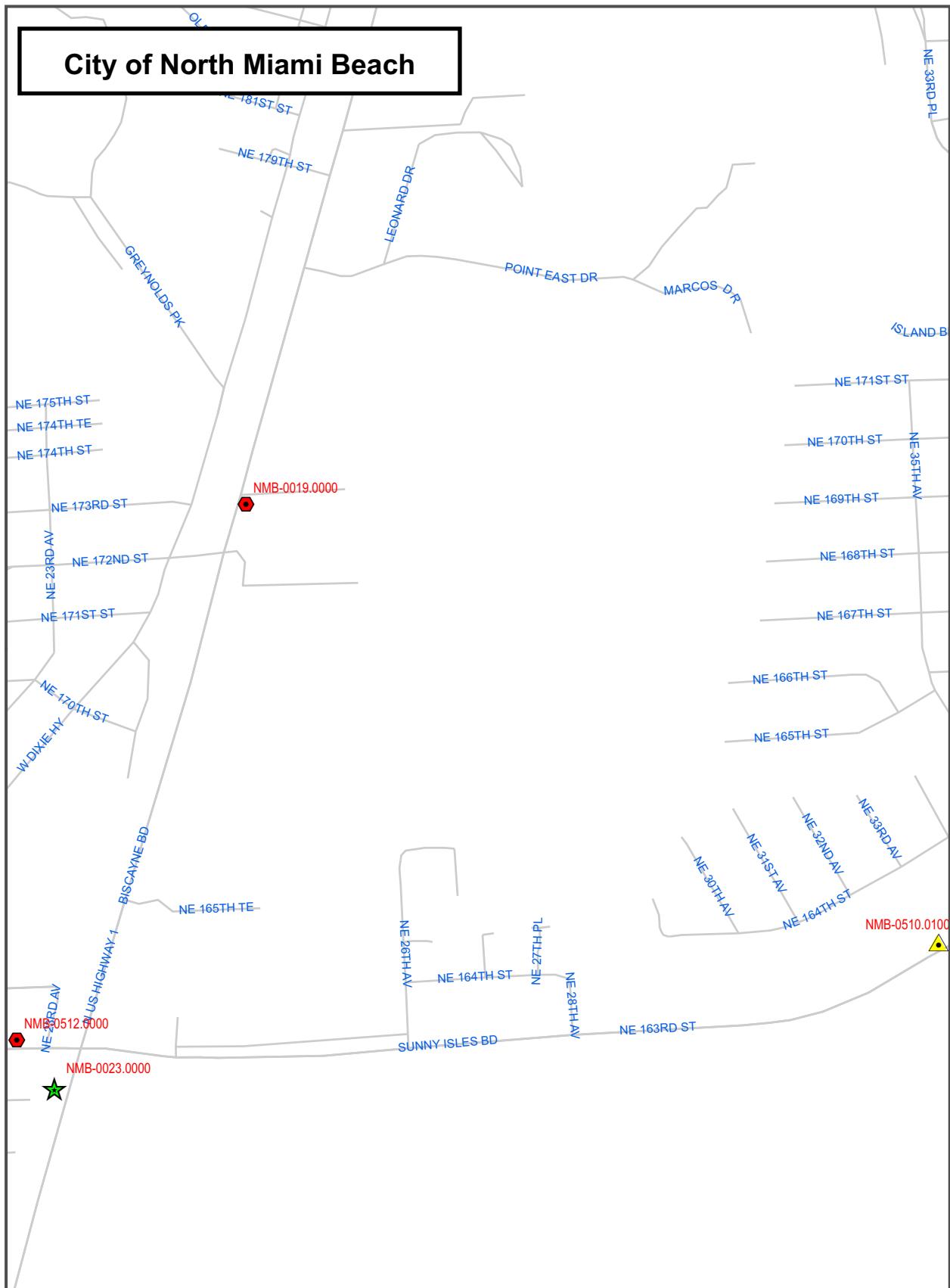
Potentially Suitable



Unsuitable

Exhibit 12-I-3

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



Suitable



Potentially Suitable



Unsuitable

Exhibit 12-I-4
BUS STOPS SUITABLE FOR SHELTERS



NMB-0013.0000.JPG

SE CORNER OF BISCAYNE BLVD @ NE 139 ST



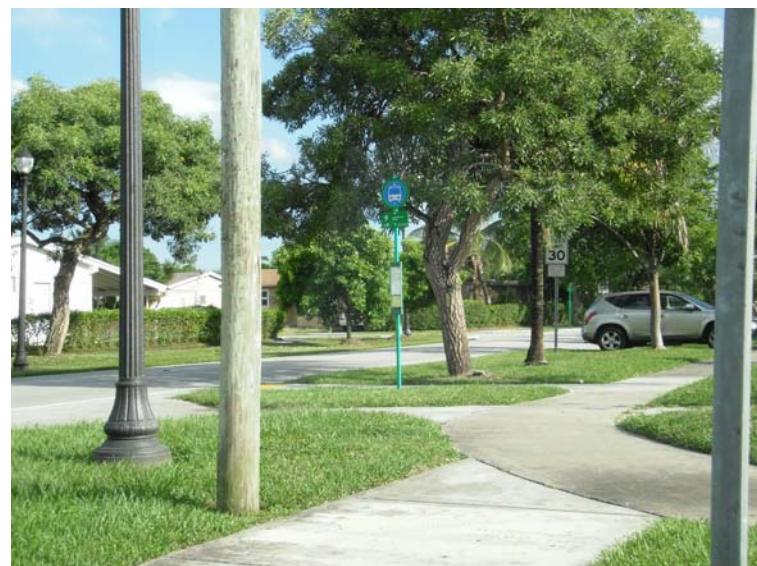
NMB-0023.0000.JPG

SW QUADRANT OF BISCAYNE BLVD @ NE 163 ST



NMB-0032.0000.JPG

SW CORNER OF NE 19 AVE @ NE 181 ST



NMB-0095.0100.JPG

SE CORNER OF NE 10 AVE @ NE 179 TERR

Exhibit 12-I-5
BUS STOPS SUITABLE FOR SHELTERS



NMB-0515.0100.JPG

NE CORNER OF NE 163 ST @ NE 18 AVE



NMB-0516.0100.JPG

NE CORNER OF NE 163 ST @ NE 16 AVE

Exhibit 12-I-6
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



NMB-0047.0000.JPG

NE CORNER OF NE 19 AVE @ NE 173 ST



NMB-0051.0000.JPG

NE CORNER OF NE 19 AVE @ NE 181 ST



NMB-0510.0100.JPG

NW QUADRANT OF NE 163 ST @ INTERAMA BLVD



NMB-0534.0000.JPG

NW CORNER OF NE 167 ST @ NE 6 AVE

Exhibit 12-J-1

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



Suitable



Potentially Suitable



Unsuitable

Exhibit 12-J-2

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



Suitable



Potentially Suitable



Unsuitable

Exhibit 12-J-3

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



Suitable

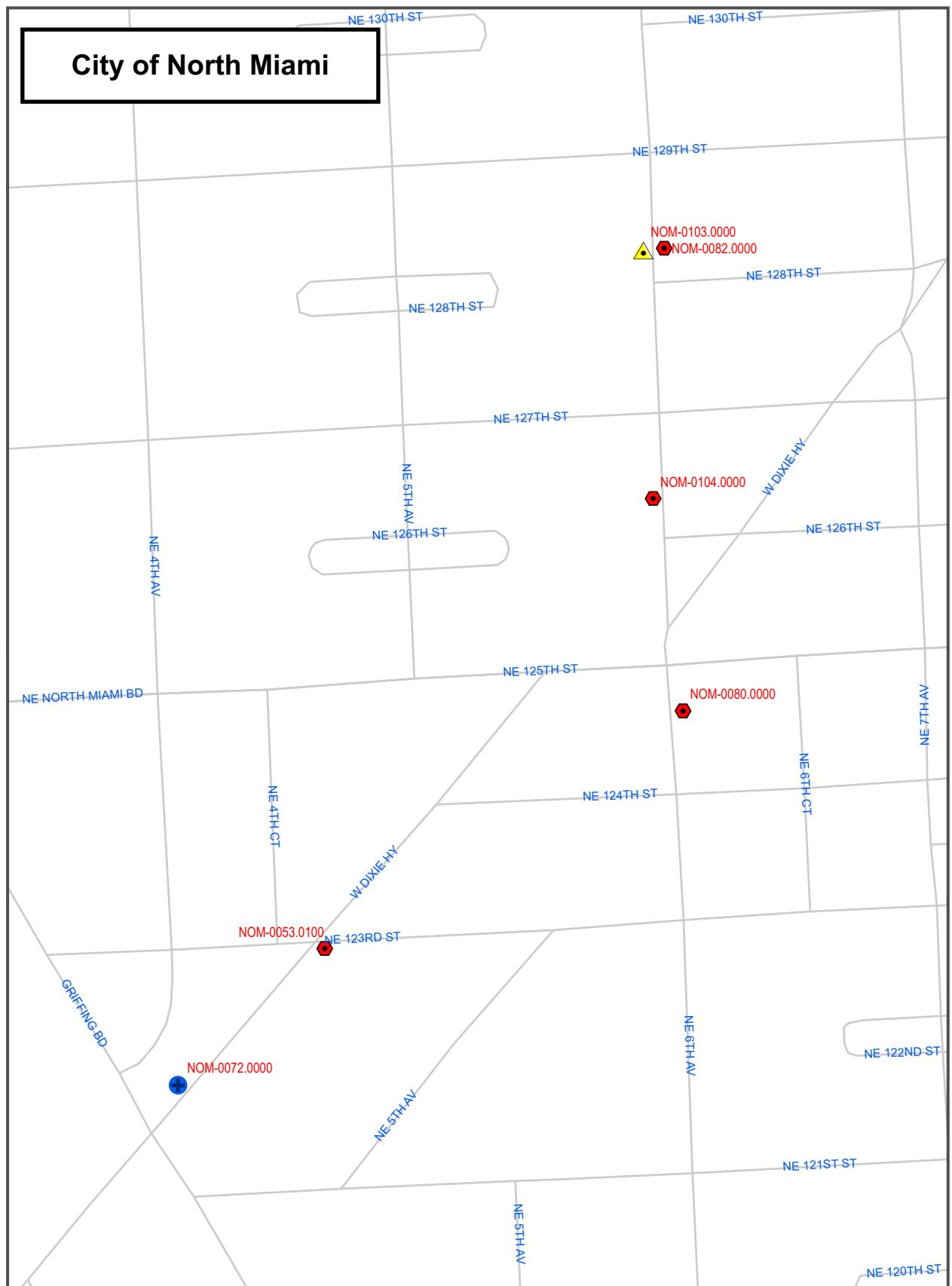


Potentially Suitable



Unsuitable

Exhibit 12-J-4
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter



Exhibit 12-J-5
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



NOM-0087.0000.JPG

EAST SIDE OF NE 6 AVE @ NE 137 ST



NOM-0093.0000.JPG

SW CORNER OF NE 6 AVE @ NE 147 ST



NOM-0098.0000.JPG

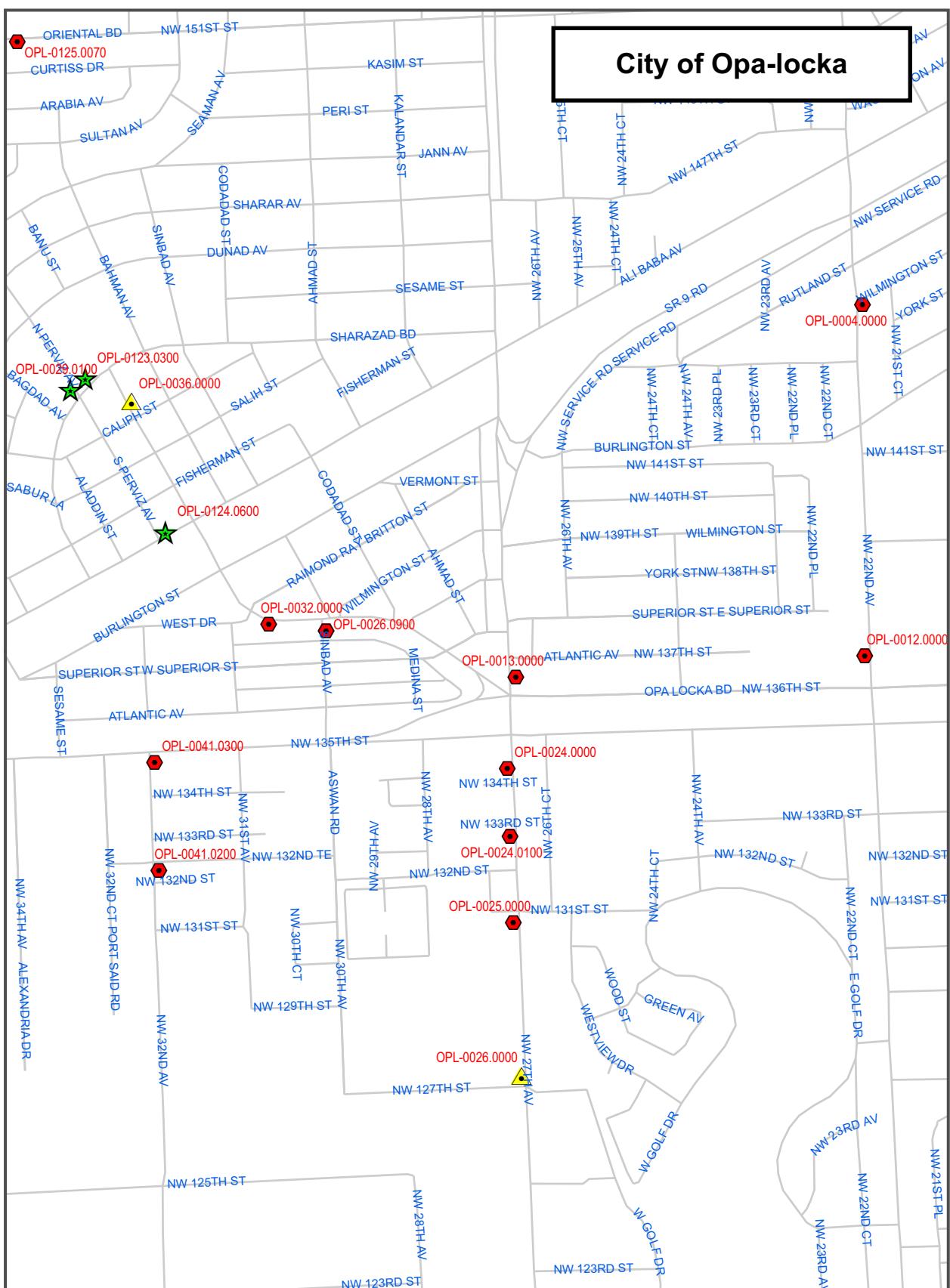
WEST SIDE OF NE 6 AVE @ NE 137 ST



NOM-0103.0000.JPG

NW CORNER OF NE 6 AVE @ NE 128 ST

Exhibit 12-K-1
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- Unsuitable
- Existing Shelter

Exhibit 12-K-2
BUS STOPS SUITABLE FOR SHELTERS



OPL-0029.0100.JPG

EAST QUADRANT OF PERVIZ AVE @ SHARAZAD BLVD



OPL-0123.0300.JPG

NORTH QUADRANT OF SHARAZAD BLVD @ PERVIZ AVE



OPL-0124.0600.JPG

NORTH SIDE OF ALI BABA AVE @ PERVIZ AVE

Exhibit 12-K-3
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS

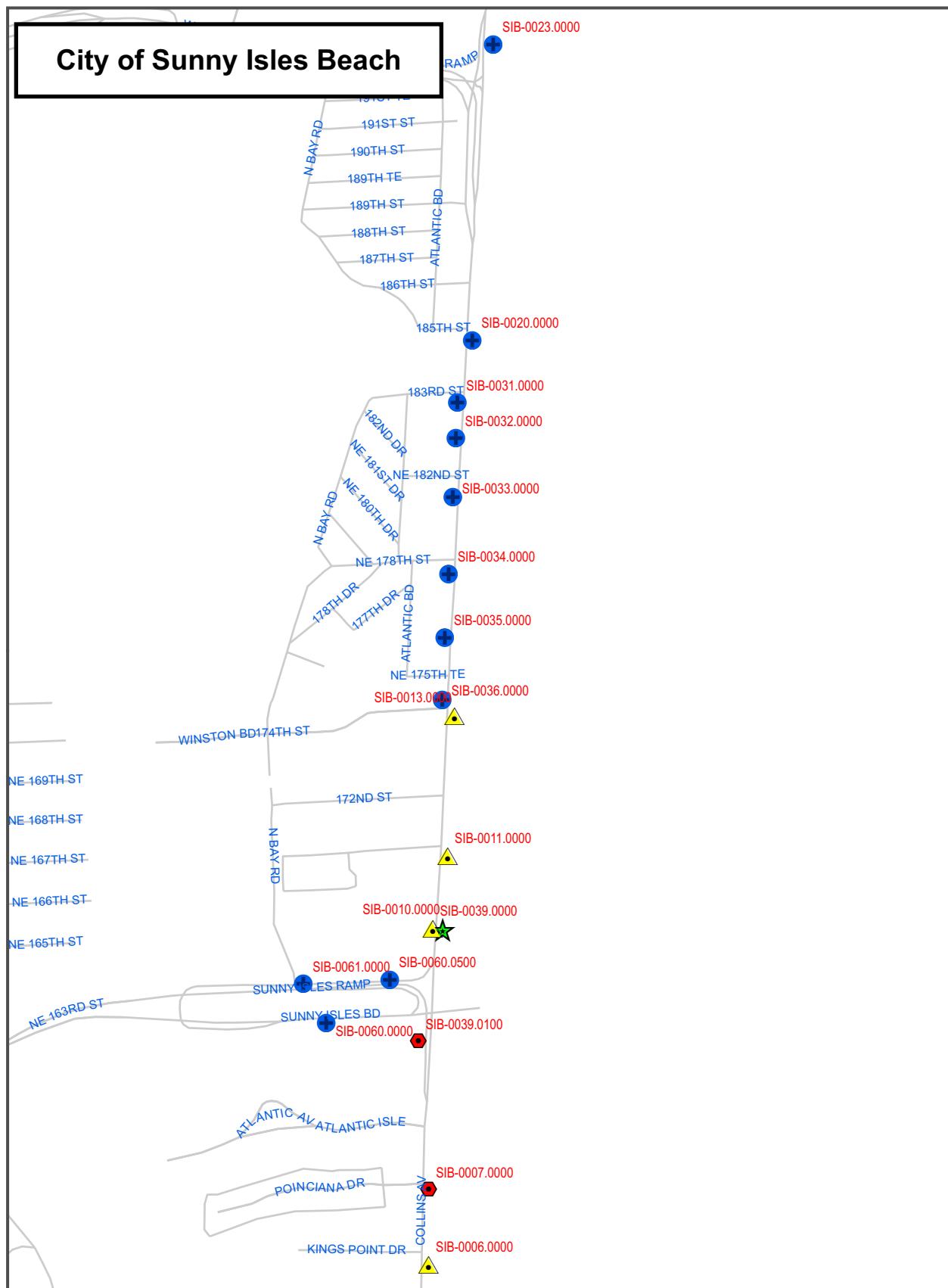


OPL-0026.0000.JPG
NW CORNER OF NW 27 AVE @ NW 127 ST



OPL-0036.0000.JPG
NORTH QUADRANT OF OPA LOCKA BLVD @ CALIPH AVE

Exhibit 12-L-1
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter

Exhibit 12-L-2

BUS STOPS SUITABLE FOR SHELTERS



SIB-0010.0000.JPG

EAST SIDE OF COLLINS AVE @ #16830

Exhibit 12-L-3

BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



SIB-0006.0000.JPG

EAST SIDE OF COLLINS AVE @ 159 ST - KINGS PT DR



SIB-0011.0000.JPG

EAST SIDE OF COLLINS AVE @ 170 ST



SIB-0013.0000.JPG

EAST SIDE OF COLLINS AVE @ 174 ST



SIB-0039.0000.JPG

WEST SIDE OF COLLINS AVE @ #16830

Exhibit 12-M-1
Bus Stop Suitability for Shelter Installation

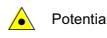


Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



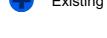
Suitable



Potentially Suitable



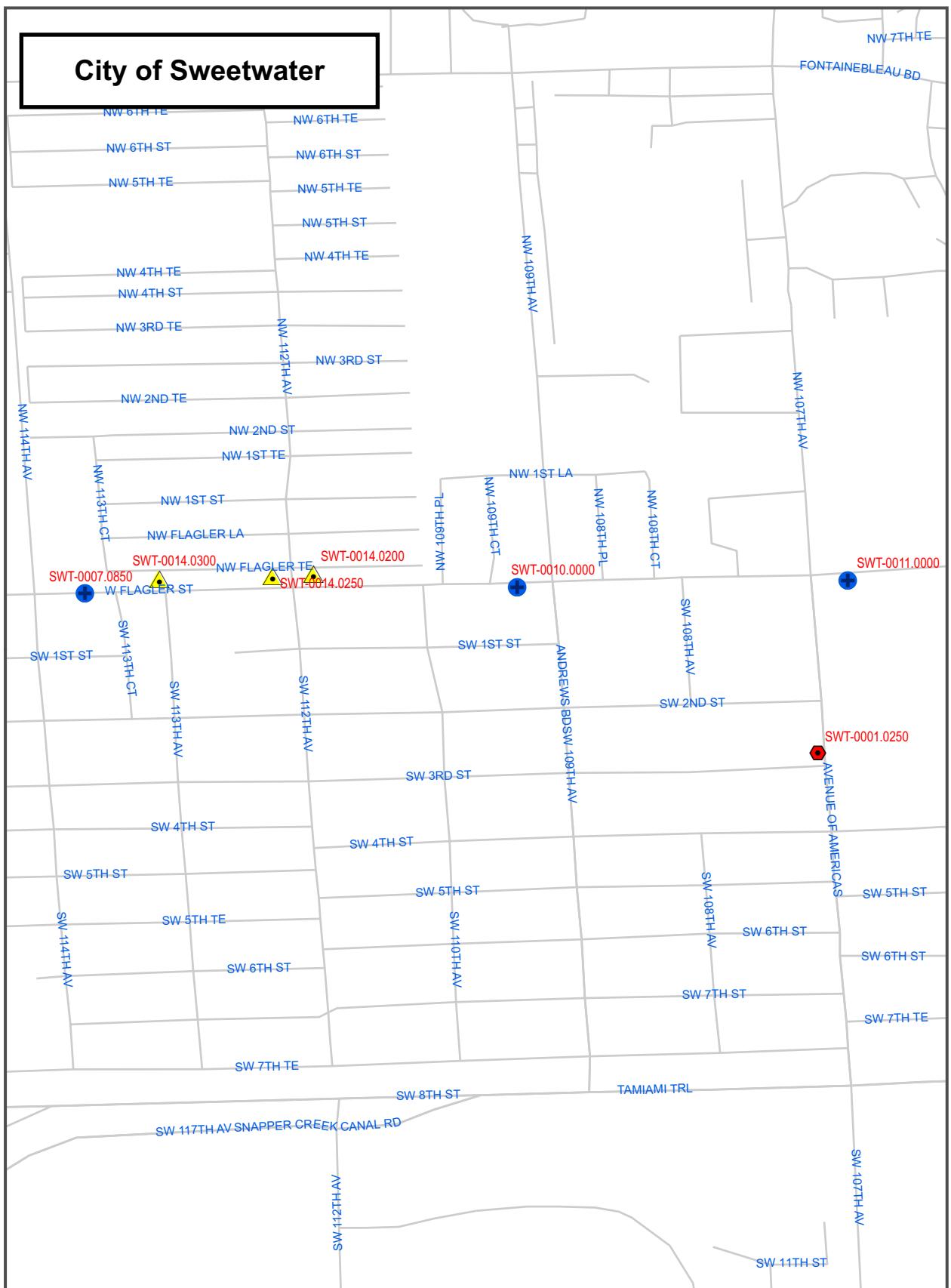
Unsuitable



Existing Shelter

Exhibit 12-N-1

Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site



Suitable

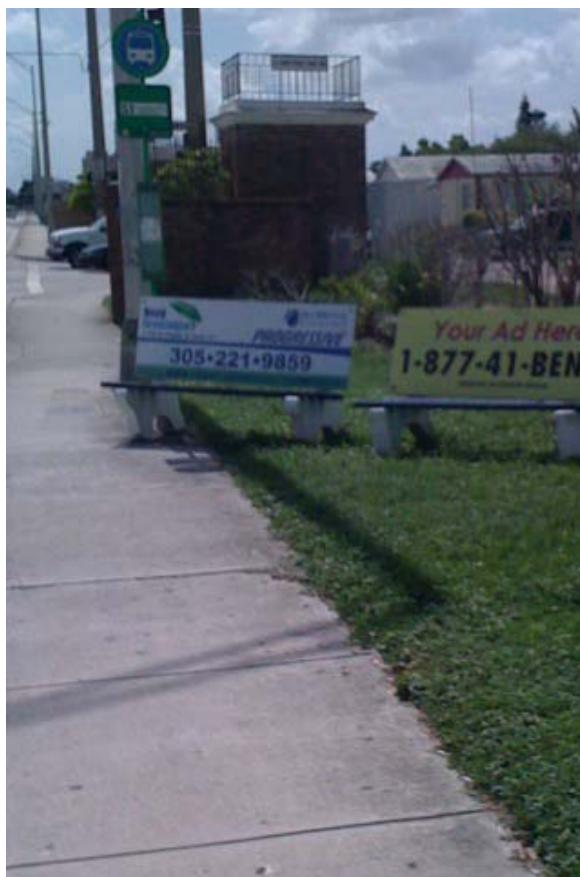


Potentially Suitable



Existing Shelter

Exhibit 12-N-2
BUS STOPS SUITABLE FOR SHELTERS



SWT-0014.0200_1.jpg

NE CORNER OF W FLAGLER ST @ NW 112 AVE



SWT-0014.0200_2.jpg

NE CORNER OF W FLAGLER ST @ NW 112 AVE



SWT-0014.0250.jpg

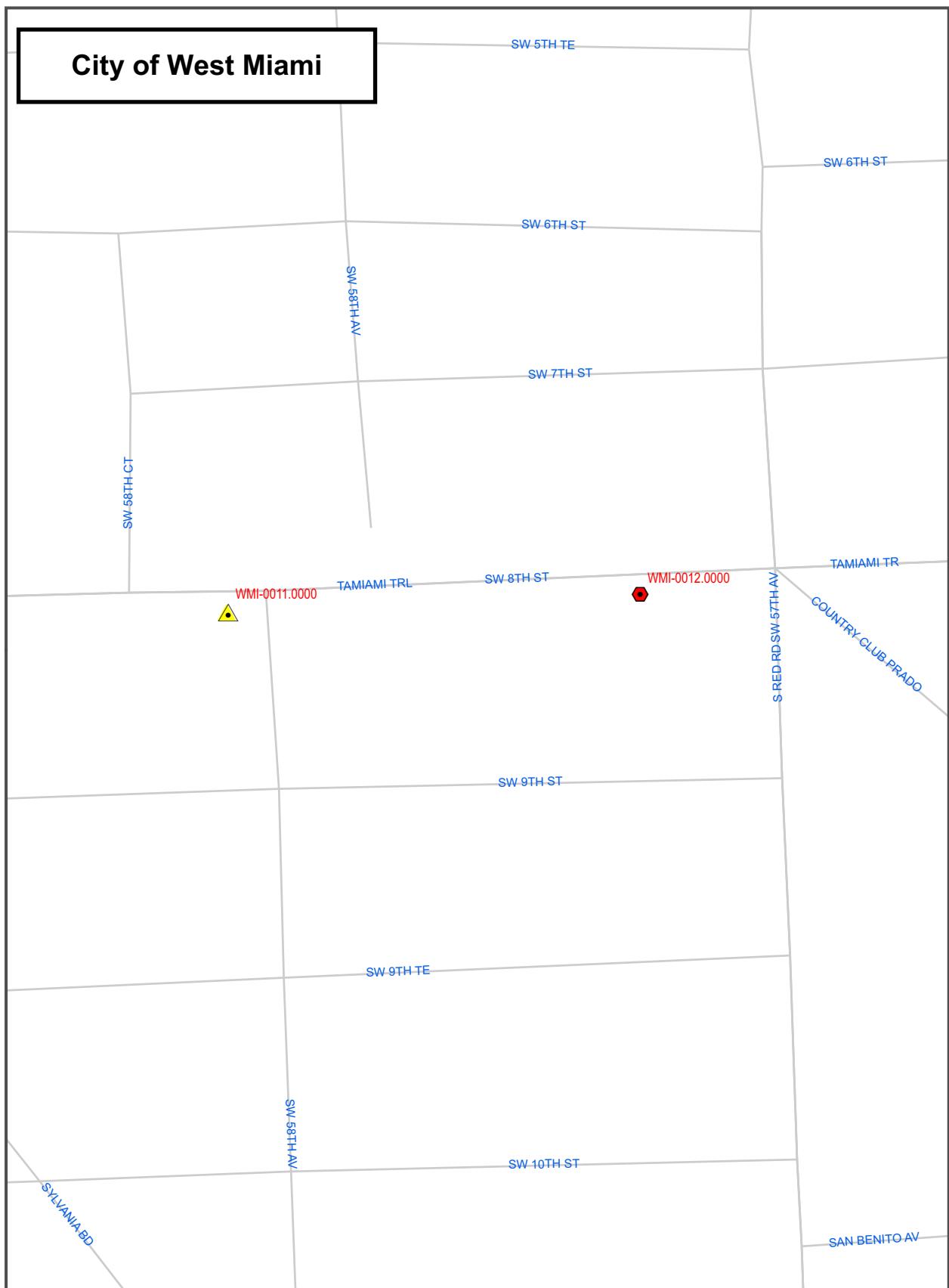
NW CORNER OF W FLAGLER ST @ NW 112 AVE



SWT-0014.0300.jpg

NORTH SIDE OF W FLAGLER ST @ NW 113 AVE

Exhibit 12-O-1
Bus Stop Suitability for Shelter Installation



Bus Stop Suitability for Shelter Installation

Bus Shelter Installation Site

- ★ Suitable
- ▲ Potentially Suitable
- ◆ Unsuitable
- Existing Shelter

Exhibit 12-O-2
BUS STOPS POTENTIALLY SUITABLE FOR SHELTERS



WMI-0011.0000.jpg

NW CORNER OF SW 8 ST @ SW 58 AVE

Exhibit 13
Additional Sites Based on Adjusted Bus Stop Activity Threshold
(AVG ONS >1.45 <1.55)

BUS STOP ID	MUNICIPALITY	MAIN ST	CROSS ST
AVT-0002.0500	AVENTURA	BISCAYNE BD	NE 211 ST
FLC-0004.0100	FLORIDA CITY	NW 6 AV	NW 4 ST
HIA-0117.0000	HIALEAH	E 1 AV	E 5 ST
HIA-0157.0000	HIALEAH	PALM AV	E 25 ST
HIA-0158.0000	HIALEAH	PALM AV	E 27 ST
HIA-0587.0000	HIALEAH	E 25 ST	E 7 AV
HIA-0589.0000	HIALEAH	E 25 ST	E 9 AV
HIA-0597.0000	HIALEAH	E 25 ST	E 6 AV
MGD-0028.0000	MIAMI GARDENS	N MIAMI AV	NW 183 ST
MGD-0347.0000	MIAMI GARDENS	NW 32 AV	NW 157 ST
MGD-0382.0000	MIAMI GARDENS	NW 37/42 AV CONNECTOR	NW 159 ST
MGD-0395.0000	MIAMI GARDENS	NW 37 AV	NW 163 ST
MGD-0417.0000	MIAMI GARDENS	NW 37 AV	NW 196 LA
MGD-0418.0000	MIAMI GARDENS	NW 37 AV	NW 194 ST
MGD-0992.0000	MIAMI GARDENS	NW 183 ST	NW 34 CT
MSH-0027.0000	MIAMI SHORES	NE 6 AV	NE 105 ST
MSH-0050.0100	MIAMI SHORES	NE 2 AV	NE 98 ST
MSH-0051.0000	MIAMI SHORES	NE 2 AV	NE 95 ST
NMB-0028.0000	NORTH MIAMI BEACH	BISCAYNE BD	# 13700
NMB-0058.0000	NORTH MIAMI BEACH	NE 16 AV	NE 154 TE
NMB-0059.0000	NORTH MIAMI BEACH	NE 16 AV	NE 153 TE
NMB-0102.0000	NORTH MIAMI BEACH	NE 6 AV	NE 170 ST
NMB-0511.0000	NORTH MIAMI BEACH	NE 163 ST	BISCAYNE BD
NMB-0554.0000	NORTH MIAMI BEACH	NE 171 ST	NE 17 AV
NOM-0021.0000	NORTH MIAMI	NE 16 AV	NE 123 TE
NOM-0029.0000	NORTH MIAMI	NE 16 AV	NE 143 ST
NOM-0128.0000	NORTH MIAMI	NW 7 AV	NW 133 ST
OPL-0000.1000	OPA LOCKA	NW 22 AV	NW 135 ST
OPL-0030.0000	OPA LOCKA	OPA LOCKA BD	SHARAZAD BD
SIB-0008.0000	SUNNY ISLES BEACH	COLLINS AV	ATLANTIC AV
SIB-0009.0000	SUNNY ISLES BEACH	COLLINS AV	SUNNY ISLES BD
SIB-0012.0000	SUNNY ISLES BEACH	COLLINS AV	172 ST
SIB-0037.0000	SUNNY ISLES BEACH	COLLINS AV	172 ST
SIB-0041.0000	SUNNY ISLES BEACH	COLLINS AV	ATLANTIC AV
SIB-0043.0000	SUNNY ISLES BEACH	COLLINS AV	159 ST-KINGS PT DR
SIB-0044.0000	SUNNY ISLES BEACH	COLLINS AV	BAYVIEW DR-158 ST
SUR-0005.0000	SURFSIDE	COLLINS AV	92 ST
WMI-0005.0000	WEST MIAMI	SW 8 ST	SW 65 AV

Source: David Plummer & Associates

Locate Sites for Bus Shelter Installation Study Appendices

Prepared by:
David Plummer & Associates, Inc.
1750 Ponce de Leon Boulevard
Coral Gables, Florida 33134

for:
**The Miami-Dade County
Metropolitan Planning Organization**

November 2009
DPA Project #08166



Locate Sites for Bus Shelter Installation Study

Appendices

Table of Contents

Appendix A Documentation/Correspondence from Agencies & Municipalities

Appendix B Bus Shelter Guidelines & Standards - Reference Documents

Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines

TRB TCRP Report 19 *Guidelines for the Location & Design of Bus Stops*

Florida Greenbook

FDOT Transit Facilities Guidelines

FDOT Design Standards

FDOT Accessing Transit: Design Handbook for Florida Bus Passenger Facilities

Appendix C MDT Metrobus Data: Database File List/Ridership by Routes/Bus Stop Activity

Miami Dade County Transit Map

Metrobus Route Ridership Data

Metrobus Boarding & Alighting Data Sample

Appendix D Results of Filter Application

Bus Stops with Preliminary Filters Applied

Bus Stops with All Filters Applied Prior to Applying Threshold to Limit List of Sites for Field Investigation

Appendix E Selected Site Locations Data & Information Summaries

Summary of Field Notes from Site Investigation

Summary from MPO: Municipality List of Federal Stimulus Projects

Appendix F Modified Bus Stop Activity Thresholds - Additional Sites

Appendix A

Documentation/Correspondence from Agencies & Municipalities

Locate Sites for Bus Shelter Installation Study

KICK-OFF MEETING NOTICE LOCATE SITES FOR BUS SHELTER INSTALLATION STUDY

DATE: Thursday, January 15, 2009

TIME: 2:00 PM

LOCATION: Stephen P Clark Center
111 NW First St.
9th Floor - Rear Conference Room
Miami, FL 33128



AGENDA

1. Self Introductions
2. Discuss results of Bus Shelter Sub-Committee
3. Coordination efforts with Miami Dade Transit and Municipalities

Note to Participants:

Please bring the following information/ data (where applicable) pertaining to your jurisdiction.

- a. Recommendations for potential bus shelter location(s)
- b. Existing bus shelters - location & shelter type
- c. Shelters scheduled for installation - location & shelter type
- d. Previously considered sites where shelter was not installed (reason for no installation)
- e. Public ordinance amendment - determine if necessary in order to facilitate rapid installation of bus shelter(s)



Sonia Shreffler Bogart

From: Grindell, Stephanie N [SGrindell@miamigov.com]
Sent: Thursday, December 04, 2008 1:21 PM
To: Sonia Shreffler Bogart; Guzman, Arelys
Cc: Foutz, Larry (MPO); Coral Gables Filing; Mitchell, Francis
Subject: RE: Miami Dade MPO Bus Shelter Location Study #08166

Sonia,

I would be happy to assist.

The City's Public Works Department performed our study internally. Our rationale was as follows:

- 1) We looked at ridership volumes. At the time of the report, the County had just contracted for a 24 hour ridership study. However, we found the information unusable. I am sure that by now, they have an easier way to interpret the data.
- 2) Next we cross referenced bus stops where 3 or more bus routes intersected. Our assumption was that these locations would have higher ridership. (which was not necessarily true).
- 3) Finally, we looked at Land Use Type. We automatically added bus stops near hospitals, parks, colleges, etc.

When we presented the study to each of our Commissioners, they advised on changes that they would make based on their knowledge of the areas. In truth, they had a better handle on where the people were standing out in the heat and sun. The list was modified as requested. We then added locations where we received two or more requests from residents. Finally, we provided 5 shelters to be placed at the discretion of each Commissioner.

In our case, we actually negotiated for more shelters than the total number represented in the study. That is the reason why we were able to add locations by request. So we added locations where we had received two or more requests. Finally, we allowed 5 shelters to be placed at the discretion of our Commissioners. It seems a bit unusual, but the number of complaints has decreased drastically.

Our plan calls for a total of 600 shelters to be placed, 200 per year for 3 years. The vendor has preference to place 100 shelters with ads (wherever he likes). The City has preference to place the remaining 500. Each shelter is also accompanied with a trash receptacle. Over 200 have been placed so far and I believe that we are ahead of schedule.

I would be happy to arrange a meeting with the lead staff person that handles our bus shelter program. Her name is Arelys Guzman and she can be reached at 305-416-1200.

Arelys,

Please email Sonia a list showing the locations of all shelters installed to date. Thanks

Stephanie N. Grindell, P.E.
Director of Public Works
City of Miami - Miami Riverside
444 SW 2nd Avenue, 8th Floor
Miami, Florida 33130
Phone (305) 416-1200

From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Thursday, December 04, 2008 9:34 AM
To: Grindell, Stephanie N
Cc: Foutz, Larry (MPO); Coral Gables Filing
Subject: Miami Dade MPO Bus Shelter Location Study #08166

Stephanie-

Good morning. I'm currently working with Larry Foutz on the MPO Bus Shelter Location Study. I understand that the city had a similar contract approximately one year ago. I'm interested in obtaining a list of the bus stop locations selected for

shelters, including where shelters have already been installed and those pending installation. What would you say your success rate for installation has been?

Thank you for your attention-

Sonia



Sonia Shreffler Bogart

From: Aguilar, Ricardo (MDT) [ricagui@miamidade.gov]
Sent: Monday, January 26, 2009 3:26 PM
To: Sonia Shreffler Bogart
Cc: Coral Gables Filing; Perez, Rosie (MDT); Pearsall, Robert (MDT); LeBlanc, Glenn (MDT)
Subject: RE: MPO Locate Sites for Bus Shelter Installation Study - Data Files Request #08166
Attachments: Unincorp Dade Stops - Meas.xls

Good afternoon Ms. Shreffler-Bogart,

Attached you will find the information we discussed. The file contains all stops within "Unincorporated Dade" only. MDT has no jurisdiction to add or remove any amenity (shelter, litter bins) within municipalities.

Please keep in mind as you conduct your study, If there is insufficient spacing at the current location but the area along the same route might be feasible, contact me to possibly relocate the stop to accommodate a shelter.

If you have any questions, please contact me.

Thank you.

From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Monday, January 26, 2009 11:01 AM
To: Aguilar, Ricardo (MDT)
Cc: Coral Gables Filing
Subject: MPO Locate Sites for Bus Shelter Installation Study - Data Files Request #08166

Rick—

Good morning. Per our discussion at the kick-off meeting, I'm following up to request data files on potential bus shelter locations. You mentioned having electronic files of the lists you kindly provided at the meeting, it would be a

tremendous help if you could forward those to me.

Thank you and I appreciate the assistance,

Sonia



-----Original Appointment-----

From: Sonia Shreffler Bogart
Sent: Friday, January 09, 2009 2:11 PM
To: Rick Aguilar (MDT); Rosie Perez (MDT)
Subject: FW: MPO Locate Sites for Bus Shelter Installation Study
When: Thursday, January 15, 2009 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: Stephen P Clark Center - 111 NW First Street: 9th Floor Rear Conference Room

Good afternoon-

It has been requested that you be invited to the kick-off meeting for the MPO "Locate Sites for Bus Shelter Installation Study". Please see invitation below and the attached meeting notice and agenda.

Regards,

Sonia

-----Original Appointment-----

From: Sonia Shreffler Bogart
Sent: Thursday, January 08, 2009 11:45 AM
Subject: MPO Locate Sites for Bus Shelter Installation Study
When: Thursday, January 15, 2009 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: Stephen P Clark Center - 111 NW First Street: 9th Floor Rear Conference Room

Good morning:

The Miami-Dade County Metropolitan Planning Organization (MPO) is undertaking a "Locate Sites for Bus Shelter Installation Study". Attached is a kick-off meeting notice and agenda, **please note that we are requesting information/input from some of the participants**. The MPO project manager for this study is Larry Foutz. I will be the DPA team manager.

This study is a follow-up to the work of the Bus Shelter Sub-Committee appointed by the TPC. The purpose of this study is to identify suitable sites for the immediate installation of bus shelters at active bus stop locations throughout Miami-Dade County and to provide lists of feasible bus stop locations to the appropriate jurisdictions. Our firm, David Plummer and Associates (DPA) has been selected by the MPO to conduct the study.

If you have any questions, please do not hesitate to contact me, I look forward to working with you.

Sonia

<< File: Bus Shelter Kick-Off Meeting Agenda (January 15 2009).pdf >>

<< OLE Object: Picture (Device Independent Bitmap) >>

Sonia Shreffler Bogart

From: Kay, James [mailto:jkay@coralgables.com]
Sent: Saturday, May 02, 2009 3:21 PM
To: Sonia Shreffler Bogart
Cc: Gomez, Elizabeth; Delgado, Alberto; Cox, Ed
Subject: RE: Miami Dade MPO Locate Sites for Bus Shelter Installation Study #08166

Sonia,

The City of Coral Gables does not enthusiastically support the installation of bus shelters in its City. If present installations in the unincorporated areas are any indication of typically installed shelters, then the City would probably be opposed to such construction - mainly due to the type of design, advertising, graffiti, etc., and the fact that the structure would detract from the look of the adjacent residence(s) or business(es). To the best of my knowledge, the City has not planned for or sought the installation of shelters within its corporate limits.

Thank you for your interest and concern and best of luck with the study.

James J. Kay, P.E.

Engineering Division Supervisor
Public Works Department
City of Coral Gables
2800 SW 72 Avenue, Bldg #6
Miami, Florida 33155-2804

305-460-5069 (p.)
305-460-5080 (f.)
jkay@coralgables.com

From: Cox, Ed
Sent: Thursday, April 30, 2009 5:25 PM
To: 'Sonia Shreffler Bogart'
Cc: Coral Gables Filing; Gomez, Elizabeth; Kay, James
Subject: RE: Miami Dade MPO Locate Sites for Bus Shelter Installation Study #08166

Sonia,

I am not aware of any plans to install Bus Shelters, but I am copying Jim Kay. Maybe he can shed some light on the issue.



From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Thursday, April 30, 2009 4:48 PM

To: Cox, Ed
Cc: Coral Gables Filing
Subject: Miami Dade MPO Locate Sites for Bus Shelter Installation Study #08166

Good afternoon. I'm working on a project with the MPO and would like to obtain any information/data files that the city may have regarding the installation of bus shelters. Does the city currently have a project in place for the installation of bus shelters? If so, do they have a contract with a bus shelter company? Also, if available could you provide the following information:

- a. Any GIS/Arc View files that relate to bus shelters
- b. Recommendations for potential bus shelter location(s)
- c. Existing bus shelters - location & shelter type
- d. Shelters scheduled for installation - location & shelter type
- e. Previously considered sites where shelter was not installed (reason for no installation)
- f. Public ordinance amendment - determine if necessary in order to facilitate rapid installation of bus shelter(s)

Thank you for your attention and any assistance you can provide. If you're not the contact person for this type of information, please forward this request to the appropriate contact or provide me with contact information.

Thanks again,
Sonia



Under Florida Law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

Under Florida Law, e-mail addresses are public records. If you do not want your e-mail address released in response to a public records request, do not send electronic mail to this entity. Instead, contact this office by phone or in writing.

Sonia Shreffler Bogart

From: Francis, Leonardo [mailto:LeonardoFrancis@miamibeachfl.gov]
Sent: Wednesday, May 06, 2009 9:02 AM
To: Sonia Shreffler Bogart
Cc: Bettin, Christine; Falconi, Xavier; Coral Gables Filing
Subject: RE: Miami Dade MPO - Locate Sites for Bus Shelter Installation #08166

Sonia,
Your comments below are roughly accurate, I added a few minor corrections below:

- Bus Stop list is based on MDT data that is a few years old. Approximately 375 bus stops in Miami Beach.
- The Bus Shelter is based on latest maintenance report from the Bus Shelter company (Clear Channel). 101 Bus Shelters are being serviced in Miami Beach.
- Bus Stop were shelters would not be installed are due to insufficient right-of-way, conflict with existing utility conflicts, light of sight issues and in rare instances lack of ped/vehicular volume to support adequate revenue criteria.

Please be aware that the GIS data has not been updated recently.

Thanks

MIAMIBEACH

Leonardo Francis, Special Projects Coordinator
PUBLIC WORKS DEPARTMENT
1700 Convention Center Drive, Miami Beach, FL 33139
Tel: 305-673-7080 / Fax: 305-673-7028 / www.miamibeachfl.gov

We are committed to providing excellent public service and safety to all who live, work and play in our vibrant, tropical, historic community.

From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Tuesday, May 05, 2009 9:57 AM
To: Francis, Leonardo
Cc: Bettin, Christine; Falconi, Xavier; Coral Gables Filing
Subject: RE: Miami Dade MPO - Locate Sites for Bus Shelter Installation #08166

Leo-

Thanks so much for the bus stop/shelter information, it will be very helpful. Please confirm that I've understood your project correctly. The city of Miami Beach has 375 bus stops, where 102 have existing bus shelters. The city is currently replacing the existing shelters (and adding a few new ones) with a new model. The shelters are fully funded through advertising.

The bus stops where no shelter will be installed have either insufficient R-O-W or the depth of the landing pad foundation conflicts with existing underground utilities.

Also, I appreciate that you are forwarding the request for GIS files of your shelter program.

Thanks again,
Sonia



Sonia Shreffler Bogart

From: Huynh, Hiep [mailto:Hiep.Huynh@citynmb.com]
Sent: Tuesday, June 30, 2009 4:54 PM
To: Sonia Shreffler Bogart
Cc: Coral Gables Filing
Subject: RE: Existing Bus Shelters within City of North Miami Beach #08166

Sonia,

Please see below:

*9 shelters in NE 164 ST between NE 15 Ave & NE 22 Ave
7 " 35 Ave " 163 ST & NE 171 ST
2 " Bisc Blvd at NE 140 ST
8 " SR 826 (North Miami Beach Blvd) between NE 28 Ave & NE 8 Ave
2 shelters in NE 16 Ave between NE 151 ST & NE 153 ST*

We are working on the inventory list that shows the actual location and type and will send it to you as soon as it is completed.

Hiep

From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Tuesday, June 30, 2009 4:36 PM
To: Huynh, Hiep
Cc: Coral Gables Filing
Subject: Existing Bus Shelters within City of North Miami Beach #08166

Mr. Huynh-

Per our conversation, I am requesting the list of bus stops within the city if NMB with existing shelters. I appreciate your prompt response and thank you very much for your assistance.

Regards,

Sonia



PLEASE NOTE: The City of North Miami Beach is a public entity subject to Chapter 119 of the Florida Statutes concerning public records. E-mail messages are covered under such laws and thus subject to disclosure. All e-mail sent and received is captured by our servers and kept as public record.

Sonia Shreffler Bogart

From: Hyams, Ilene (ADA) [mailto:ihyams@miamidade.gov]
Sent: Monday, January 26, 2009 1:17 PM
To: Sonia Shreffler Bogart
Subject: RE: MPO Locate Sites for Bus Shelter Installation Study #08166

These requests were made by the Access/ Transportation committee of CODI – Commission on Disability Issues:

On route 3 Biscayne Blvd at 125 Street

On route 7 NW 7th Street/ Fountainblue – 2 shelters one at the 95 block and one at the 88 block
On route 83 – NW 67 Avenue/ Miami Garden drive – bus shelter requested for 18 Avenue
On route H – shelter at 19 Avenue and 171 Street
At Aventura Mall – bus shelter near the food court- several bus routes to in there: 9-3-S

Thanks- Let me know if you have any questions

Ilene

From: Hyams, Ilene (ADA) [mailto:ihyams@miamidade.gov]
Sent: Thursday, January 22, 2009 9:23 AM
To: Sonia Shreffler Bogart
Subject: FW: MPO Locate Sites for Bus Shelter Installation Study #08166

Hi,
I work with Heidi Johnson-Wright at the ADA office of the County.

I was hoping you would have the list of the top 20 routes being considered for bus shelters. Could you send it to me by email so I can show CODI members. I believe it was part of the handouts given out at the meeting.

Thanks

From: Johnson-Wright, Heidi (ADA)
Sent: Wednesday, January 21, 2009 9:46 AM
To: Hyams, Ilene (ADA)
Subject: FW: MPO Locate Sites for Bus Shelter Installation Study #08166

Ilene:

See the recipients of the message below. They were the attendees at the bus shelter siting meeting.

Heidi Johnson-Wright, Director
Office of ADA Coordination
111 NW 1st Street, 12th Floor, Suite 348
Miami, FL 33128
305-375-3566 (voice); 305-375-4805 (TTY); 305-375-5753 (fax)
www.miamidade.gov

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From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Friday, January 16, 2009 4:36 PM
To: Foutz, Larry (MPO); Emerson, Judy (MDT); Jorge DeLa Nuez (City of Hialeah); Cohen, Jeff (PWD); Johnson-Wright, Heidi (ADA); Fernandez, Wilson A. (MPO); Cotarelo, Antonio (PWD); Marin, Octavio (PWD); Aguilar, Ricardo (MDT); Perez, Rosie (MDT); Coral Gables Filing; O'Brien, John; Martinez, Julio A.(PWD); Rios, Raul (PWD); Mike Gambino; LeBlanc, Glenn (MDT); carl.filer@dot.state.fl.us
Cc: Tom Ruiz (City of Miami Gardens); Guzman, Arelys; Coral Gables Filing
Subject: MPO Locate Sites for Bus Shelter Installation Study #08166

Good afternoon:

Thank you for attending the Locate Sites for Bus Shelter Installation Study Kick-Off meeting yesterday. As requested, the link for Accessing Transit Design Handbook for Florida Bus Passenger Facilities Version II 2008 is (http://www.dot.state.fl.us/transit/pages/2008_Transit_Handbook.pdf) and the meeting handouts are provided as an attachment.

I sincerely appreciate your discussion, input and feedback during the meeting. I will be contacting individual municipalities and agencies during the study process for input and coordination. Please feel free to forward any data or documentation relevant to this effort, including those items mentioned during the meeting.

Again, thank you for your participation-

Sonia



Sonia Shreffler Bogart

From: Nardi, Maria (MDPR) [mailto:MNARDI@miamidade.gov]
Sent: Sunday, January 25, 2009 3:19 PM
To: Sonia Shreffler Bogart
Cc: Heinicke, Mark (MDPR)
Subject: RE: MPO - Locate Sites for Bus Shelter Installation Study #08166

Sonia, we would be happy to work with you on locating sites for bus shelters. Mark Heinicke from our Division will be assigned to work with you, his telephone number is 305.755.7811. Please contact me if you have any other questions.
Regards, Maria

From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Friday, January 23, 2009 9:12 AM
To: Falsey, Barbara (MDPR); Nardi, Maria (MDPR)
Cc: Coral Gables Filing
Subject: RE: MPO - Locate Sites for Bus Shelter Installation Study #08166

Barbara –
Thank you - may you have a happy & healthy retirement.

Maria-
Please let me know who the new contact person will be – if possible, I would appreciate a meeting sometime next week.
Regards,
Sonia

From: Falsey, Barbara (MDPR) [mailto:Barbara@miamidade.gov]
Sent: Tuesday, January 20, 2009 4:14 PM
To: Sonia Shreffler Bogart; Nardi, Maria (MDPR)
Cc: Foutz, Larry (MPO); Coral Gables Filing
Subject: RE: MPO - Locate Sites for Bus Shelter Installation Study #08166

Hi - I regret that I am not available and in fact am getting ready to retire. I am passing this to Maria Nardi, the new Chief of Planning and Research, who will consider who would be best for you to speak with. We support bus shelters and encourage transit use to and from our parks. We have to work within the context of preserving park land for park purposes so we do not encourage shelters on park property. That said, hopefully there will be opportunities to work together.

**Barbara Falsey, Ph.D., Chief, Planning and Research Division
Miami-Dade County Park and Recreation Department**

275 NW 2nd Street, 4th Floor, Miami Florida, 33128
305-755-7860 Phone 305-755-7864 Fax

www.miamidade.gov/parks

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From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Tuesday, January 20, 2009 3:28 PM
To: Falsey, Barbara (MDPR)
Cc: Foutz, Larry (MPO); Coral Gables Filing
Subject: MPO - Locate Sites for Bus Shelter Installation Study #08166

Barbara-
Good afternoon- I'm working with Larry Foutz on a *Locate Sites for Bus Shelter Installation Study*. The purpose of this study is to identify suitable sites for the immediate installation of bus shelters at active bus stop locations throughout Miami-Dade County. We'd like to meet with you to discuss potential shelter locations adjacent to county parks. Are you available to meet Friday (1/23) morning?
Thank you for your attention,
Sonia



Exceeding
Client
Expectations

Sonia Shreffler Bogart

From: Villaamil, Vivian G. [mailto:Villaamil@dadeschools.net]
Sent: Tuesday, March 10, 2009 11:13 AM
To: Sonia Shreffler Bogart
Cc: LFOUTZ@miamidade.gov; Levine, Michael
Subject: RE: Bus Shelters at Schools #08166

Sonia,

Thanks for following-up on this. As discussed with Larry, we need to resolve a number of potential issues, dealing with possible use of Board-owned land for the placement of bus shelters. This may require meetings with appropriate County and District staff. As such, no commitment can be made on the part of the School District at this time. I'll continue to pursue this matter by vetting these issues internally with District staff, and will keep you apprised of the situation.

Thank you.

Vivian G. Villaamil, Director I

Department of Facilities Planning/MPO Liaison
Miami-Dade County Public Schools
Office No. 305.995.7287
Fax No. 305.995.4760

From: Sonia Shreffler Bogart [mailto:sonia.shreffler@dplummer.com]
Sent: Monday, March 09, 2009 2:26 PM
To: Villaamil, Vivian G.
Cc: Coral Gables Filing
Subject: RE: Bus Shelters at Schools #08166

Vivian

Good afternoon. I just tried to call and was told you're out for the rest of the day at meetings/hearings. I'm following up on your request to coordinate with school board staff regarding placement of bus shelters before anything's mentioned in our report. I haven't started writing our report yet – but, should I coordinate with staff prior to the school board meeting? If so, please let me know who to contact.

Thanks,

Sonia



Sonia Shreffler Bogart

Attachments: Bus shelters in Miami-Dade; ADA Sidewalks approved by OCI; FW: ; ADA Sidewalks approved by OCI

From: Martinez, Julio A.(PWD) [mailto:jm0452@miamidade.gov]

Sent: Friday, January 16, 2009 2:40 PM

To: Sonia Shreffler Bogart

Cc: Martinez, Julio A.(PWD)

Subject: Bus Shelter Installation Study

Sonia,

Thank you for the opportunity to talk to you after the meeting regarding this very important issue on bus shelters.

Also, we have put together some information on this subject in the last several years and we hope the following attachments will help you achieve your goal.

A. *Regarding the names of bus shelters manufacturers not shown in the Accessing Transit Handbook, Pages 143-145,*

- 1) CEMUSA is a company from Spain with offices in Miami and its contact is Mr. Raonel Rodriguez. They manufacture bus shelters powered by photovoltaic cells hidden in the roof canopy to avoid repeating the accident of few years ago. This company is established in Europe as well as in the USA and for the last 3 or 4 years has been in contract with Miami-Dade for the supply and installation of bus shelters. The attached list will be a quick reference to verify if selected sites are already addressed by this company and permitted after compliance with angle of vision, etc.(See bus shelters attachment)
- 2) FUEL is the company used by the City of Miami for bus shelters. Refer to that City for further information on said company. (Most bus shelters on your photos seem to be from FUEL)

B. *Regarding bus service responsibility,*

- 1) MDT has jurisdiction countywide and over 9000 bus stops while PWD ADA is limited to unincorporated Miami-Dade and roads maintained by Miami-Dade in other municipalities, that is, approximately 4200 bus stops. (See attached list)
- 2) PWD has been surveying many of the bus stops within M-D jurisdiction for compliance. Our responsibility includes removal of architectural barriers from corner to corner on the block where a bus stop is located inclusive of curb cuts ramps or adding connectors at those corners. Attached ADA sidewalk table approved by OCI reflects scheduled corridors to be repaired for accessibility. (Recommend these corridors to be primary targets for installing bus shelters if feasible)

C. *Regarding bus landing pads,*

- 1) Bus concrete pads 8' long X 5' wide when constructed, should be measured from BACK of curb not face of curb, and no detectable warning signal (DWS) required at curb height.

Please advise if we can be of further help on this joint effort.

Thank you,

Julio Martinez, A D A Coordinator

Highway Division

Miami-Dade County Public Works Department

111 NW First Street, Suite 1510

Miami, FL 33128

Phone 305 375-4662, Fax: 305-679-7738

jm0452@miamidade.gov

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Appendix B

Bus Shelter Guidelines & Standards

Reference Documents

- Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines
- TRB TCRP Report 19 *Guidelines for the Location & Design of Bus Stops*
- Florida Greenbook
- FDOT Transit Facilities Guidelines
- FDOT Design Standards
- FDOT Accessing Transit: Design Handbook for Florida Bus Passenger Facilities



Americans with Disabilities Act and Architectural Barriers Act Accessibility Guidelines

July 23, 2004

UNITED STATES ACCESS BOARD

A FEDERAL AGENCY COMMITTED TO ACCESSIBLE DESIGN

CHAPTER 3: BUILDING BLOCKS

301 General

301.1 Scope. The provisions of Chapter 3 shall apply where required by Chapter 2 or where referenced by a requirement in this document.

302 Floor or Ground Surfaces

302.1 General. Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.

- EXCEPTIONS:**
1. Within animal containment areas, floor and ground surfaces shall not be required to be stable, firm, and slip resistant.
 2. Areas of sport activity shall not be required to comply with 302.

Advisory 302.1 General. A stable surface is one that remains unchanged by contaminants or applied force, so that when the contaminant or force is removed, the surface returns to its original condition. A firm surface resists deformation by either indentations or particles moving on its surface. A slip-resistant surface provides sufficient frictional counterforce to the forces exerted in walking to permit safe ambulation.

302.2 Carpet. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. Pile height shall be $\frac{1}{2}$ inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed edge. Carpet edge trim shall comply with 303.

Advisory 302.2 Carpet. Carpets and permanently affixed mats can significantly increase the amount of force (roll resistance) needed to propel a wheelchair over a surface. The firmer the carpeting and backing, the lower the roll resistance. A pile thickness up to $\frac{1}{2}$ inch (13 mm) (measured to the backing, cushion, or pad) is allowed, although a lower pile provides easier wheelchair maneuvering. If a backing, cushion or pad is used, it must be firm. Preferably, carpet pad should not be used because the soft padding increases roll resistance.

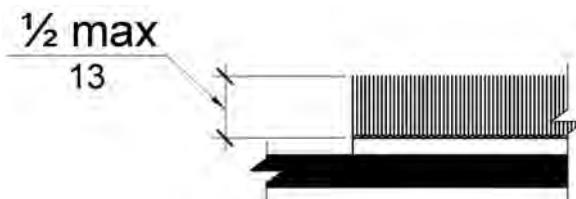


Figure 302.2
Carpet Pile Height

302.3 Openings. Openings in floor or ground surfaces shall not allow passage of a sphere more than $\frac{1}{2}$ inch (13 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

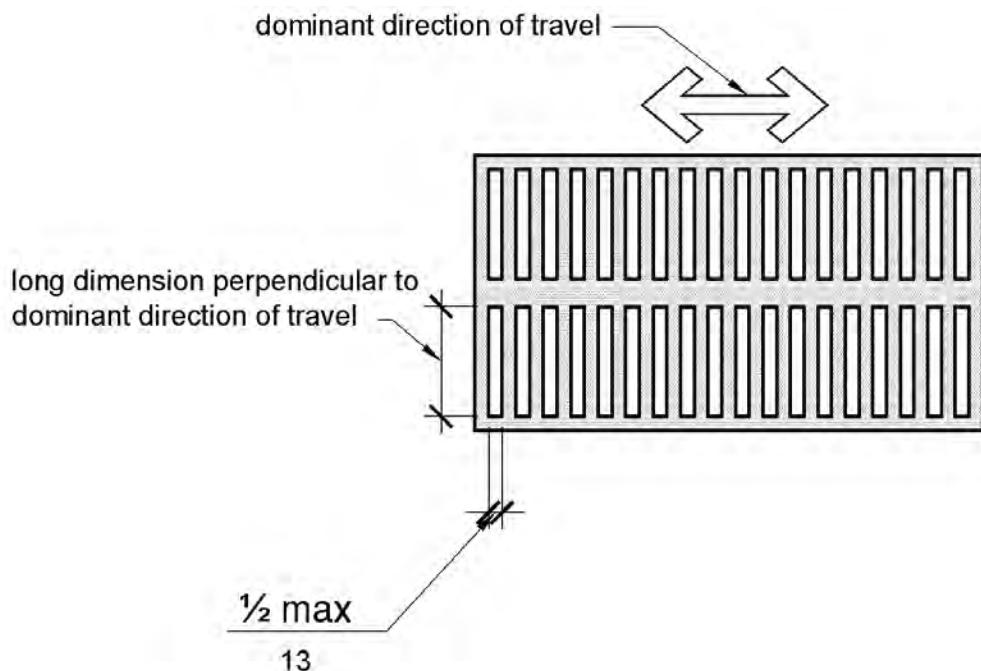


Figure 302.3
Elongated Openings in Floor or Ground Surfaces

303 Changes in Level

303.1 General. Where changes in level are permitted in floor or ground surfaces, they shall comply with 303.

- EXCEPTIONS:**
1. Animal containment areas shall not be required to comply with 303.
 2. Areas of sport activity shall not be required to comply with 303.

303.2 Vertical. Changes in level of $\frac{1}{4}$ inch (6.4 mm) high maximum shall be permitted to be vertical.

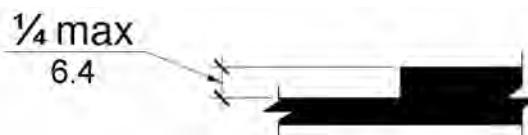
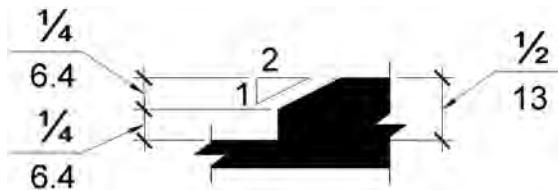


Figure 303.2
Vertical Change in Level

303.3 Beveled. Changes in level between $\frac{1}{4}$ inch (6.4 mm) high minimum and $\frac{1}{2}$ inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

Advisory 303.3 Beveled. A change in level of $\frac{1}{2}$ inch (13 mm) is permitted to be $\frac{1}{4}$ inch (6.4 mm) vertical plus $\frac{1}{4}$ inch (6.4 mm) beveled. However, in no case may the combined change in level exceed $\frac{1}{2}$ inch (13 mm). Changes in level exceeding $\frac{1}{2}$ inch (13 mm) must comply with 405 (Ramps) or 406 (Curb Ramps).



**Figure 303.3
Beveled Change in Level**

303.4 Ramps. Changes in level greater than $\frac{1}{2}$ inch (13 mm) high shall be *ramped*, and shall comply with 405 or 406.

304 Turning Space

304.1 General. Turning space shall comply with 304.

304.2 Floor or Ground Surfaces. Floor or ground surfaces of a turning space shall comply with 302. Changes in level are not permitted.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

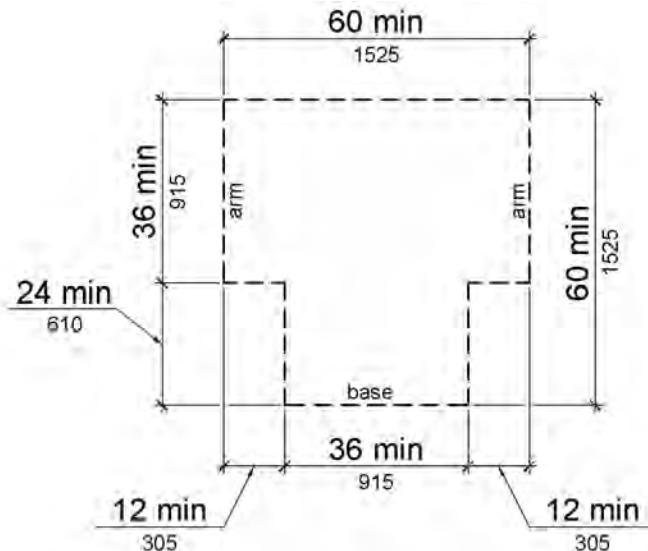
Advisory 304.2 Floor or Ground Surface Exception. As used in this section, the phrase "changes in level" refers to surfaces with slopes and to surfaces with abrupt rise exceeding that permitted in Section 303.3. Such changes in level are prohibited in required clear floor and ground spaces, turning spaces, and in similar spaces where people using wheelchairs and other mobility devices must park their mobility aids such as in wheelchair spaces, or maneuver to use elements such as at doors, fixtures, and telephones. The exception permits slopes not steeper than 1:48.

304.3 Size. Turning space shall comply with 304.3.1 or 304.3.2.

304.3.1 Circular Space. The turning space shall be a space of 60 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 T-Shaped Space. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of

obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or one arm.



**Figure 304.3.2
T-Shaped Turning Space**

304.4 Door Swing. Doors shall be permitted to swing into turning spaces.

305 Clear Floor or Ground Space

305.1 General. Clear floor or ground space shall comply with 305.

305.2 Floor or Ground Surfaces. Floor or ground surfaces of a clear floor or ground space shall comply with 302. Changes in level are not permitted.

EXCEPTION: Slopes not steeper than 1:48 shall be permitted.

305.3 Size. The clear floor or ground space shall be 30 inches (760 mm) minimum by 48 inches (1220 mm) minimum.

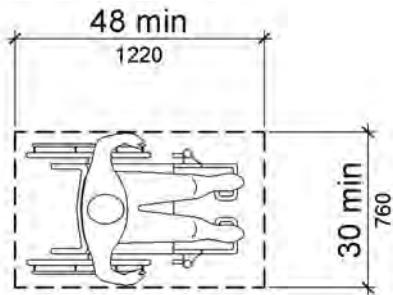


Figure 305.3
Clear Floor or Ground Space

305.4 Knee and Toe Clearance. Unless otherwise specified, clear floor or ground space shall be permitted to include knee and toe clearance complying with 306.

305.5 Position. Unless otherwise specified, clear floor or ground space shall be positioned for either forward or parallel approach to an element.

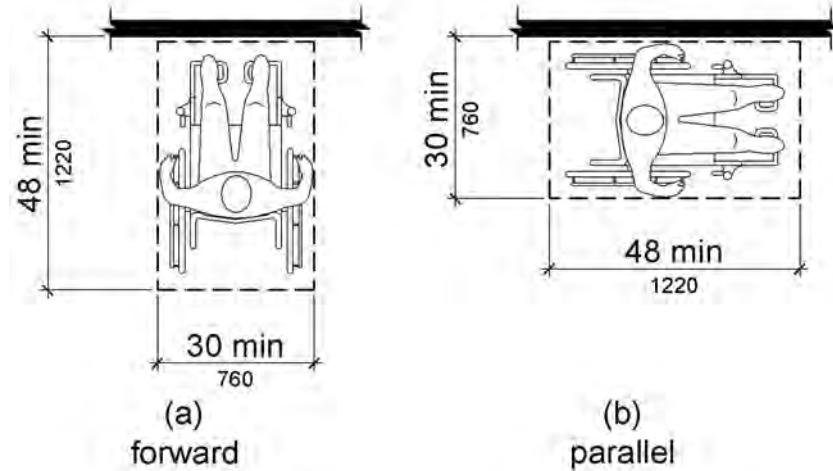


Figure 305.5
Position of Clear Floor or Ground Space

305.6 Approach. One full unobstructed side of the clear floor or ground space shall adjoin an accessible route or adjoin another clear floor or ground space.

305.7 Maneuvering Clearance. Where a clear floor or ground space is located in an alcove or otherwise confined on all or part of three sides, additional maneuvering clearance shall be provided in accordance with 305.7.1 and 305.7.2.

305.7.1 Forward Approach. Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

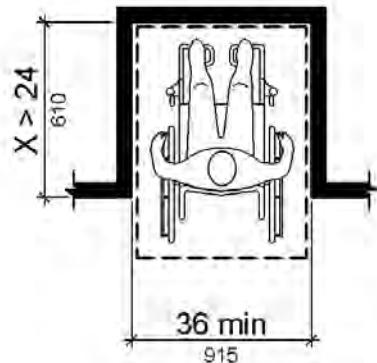


Figure 305.7.1
Maneuvering Clearance in an Alcove, Forward Approach

305.7.2 Parallel Approach. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds 15 inches (380 mm).

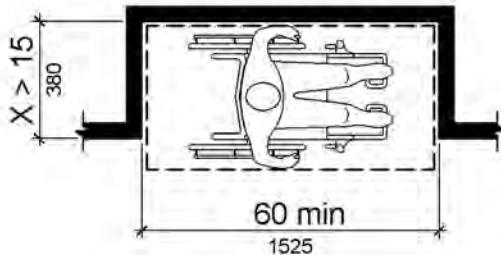


Figure 305.7.2
Maneuvering Clearance in an Alcove, Parallel Approach

306 Knee and Toe Clearance

306.1 General. Where space beneath an *element* is included as part of clear floor or ground space or turning space, the space shall comply with 306. Additional space shall not be prohibited beneath an *element* but shall not be considered as part of the clear floor or ground space or turning space.

Advisory 306.1 General. Clearances are measured in relation to the usable clear floor space, not necessarily to the vertical support for an element. When determining clearance under an object for required turning or maneuvering space, care should be taken to ensure the space is clear of any obstructions.

306.2 Toe Clearance.

306.2.1 General. Space under an *element* between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2.

306.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an *element*.

306.2.3 Minimum Required Depth. Where toe clearance is required at an *element* as part of a clear floor space, the toe clearance shall extend 17 inches (430 mm) minimum under the *element*.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum.

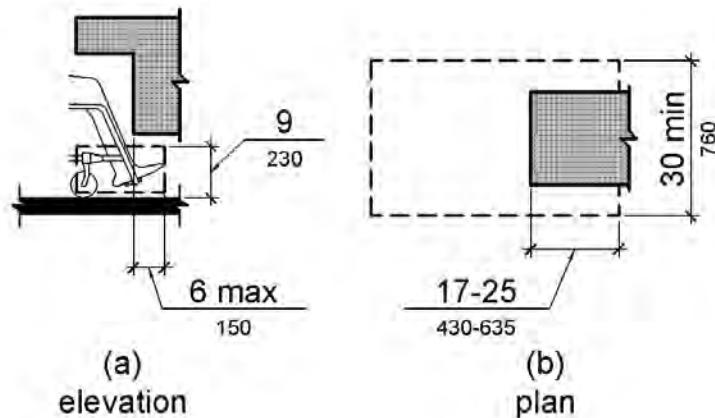


Figure 306.2
Toe Clearance

306.3 Knee Clearance.

306.3.1 General. Space under an *element* between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

306.3.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum under an *element* at 9 inches (230 mm) above the finish floor or ground.

306.3.3 Minimum Required Depth. Where knee clearance is required under an *element* as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

306.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

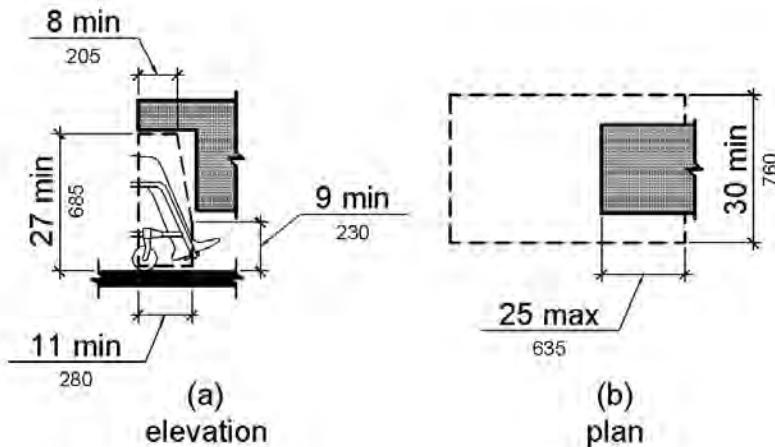


Figure 306.3
Knee Clearance

307 Protruding Objects

307.1 General. Protruding objects shall comply with 307.

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the *circulation path*.

EXCEPTION: Handrails shall be permitted to protrude 4½ inches (115 mm) maximum.

Advisory 307.2 Protrusion Limits. When a cane is used and the element is in the detectable range, it gives a person sufficient time to detect the element with the cane before there is body contact. Elements located on circulation paths, including operable elements, must comply with requirements for protruding objects. For example, awnings and their supporting structures cannot reduce the minimum required vertical clearance. Similarly, casement windows, when open, cannot encroach more than 4 inches (100 mm) into circulation paths above 27 inches (685 mm).

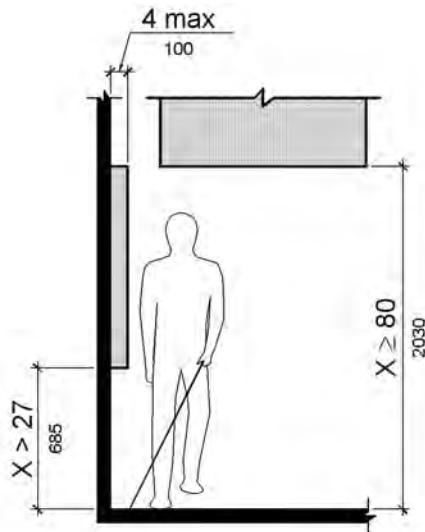


Figure 307.2
Limits of Protruding Objects

307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.

EXCEPTION: The sloping portions of handrails serving stairs and ramps shall not be required to comply with 307.3.

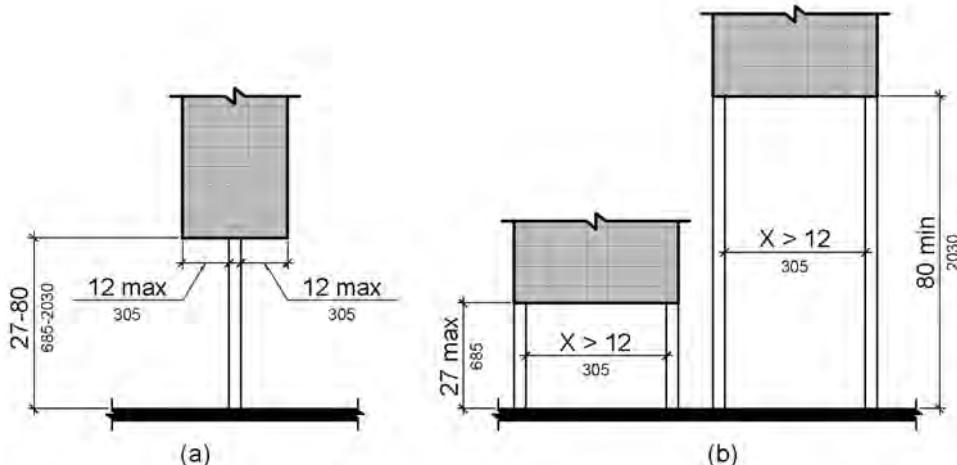


Figure 307.3
Post-Mounted Protruding Objects

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

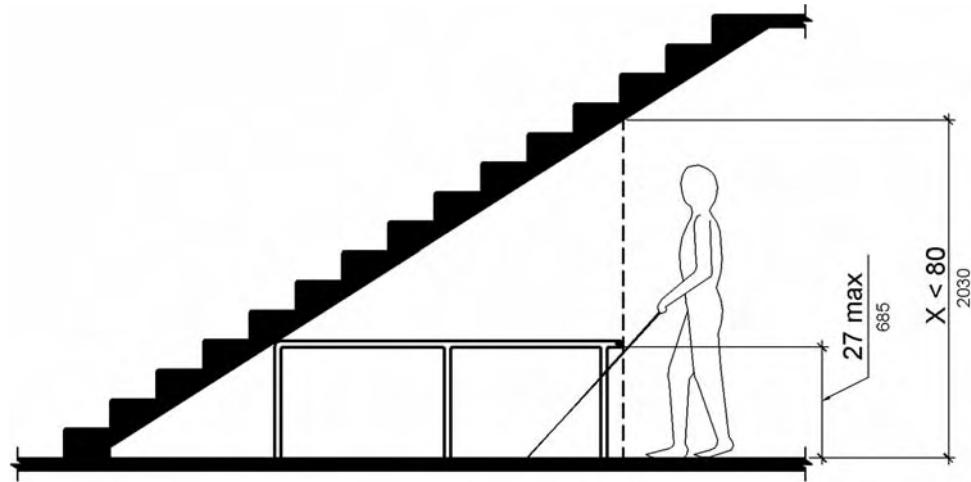


Figure 307.4
Vertical Clearance

307.5 Required Clear Width. Protruding objects shall not reduce the clear width required for accessible routes.

308 Reach Ranges

308.1 General. Reach ranges shall comply with 308.

Advisory 308.1 General. The following table provides guidance on reach ranges for children according to age where building elements such as coat hooks, lockers, or operable parts are designed for use primarily by children. These dimensions apply to either forward or side reaches. Accessible elements and operable parts designed for adult use or children over age 12 can be located outside these ranges but must be within the adult reach ranges required by 308.

Children's Reach Ranges

Forward or Side Reach	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12
High (maximum)	36 in (915 mm)	40 in (1015 mm)	44 in (1120 mm)
Low (minimum)	20 in (510 mm)	18 in (455 mm)	16 in (405 mm)

308.2 Forward Reach.

308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

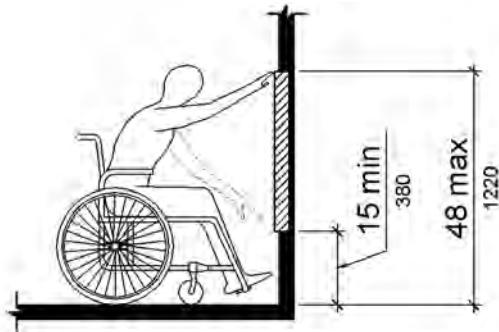


Figure 308.2.1
Unobstructed Forward Reach

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

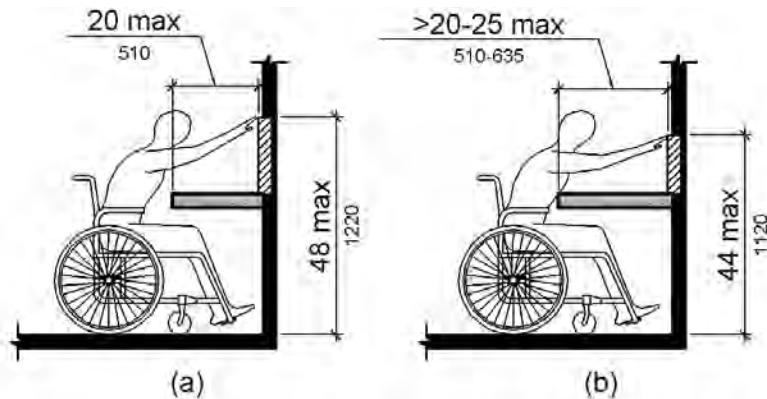


Figure 308.2.2
Obstructed High Forward Reach

308.3 Side Reach.

308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm)

maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

- EXCEPTIONS:**
1. An obstruction shall be permitted between the clear floor or ground space and the *element* where the depth of the obstruction is 10 inches (255 mm) maximum.
 2. *Operable parts* of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the *vehicular way* where fuel dispensers are installed on existing curbs.

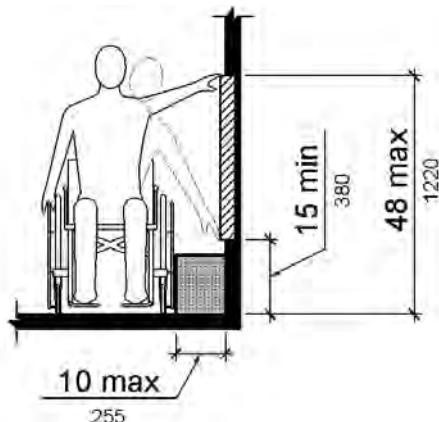


Figure 308.3.1
Unobstructed Side Reach

308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an *element* and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm) maximum for a reach depth of 24 inches (610 mm) maximum.

- EXCEPTIONS:**
1. The top of washing machines and clothes dryers shall be permitted to be 36 inches (915 mm) maximum above the finish floor.
 2. *Operable parts* of fuel dispensers shall be permitted to be 54 inches (1370 mm) maximum measured from the surface of the *vehicular way* where fuel dispensers are installed on existing curbs.

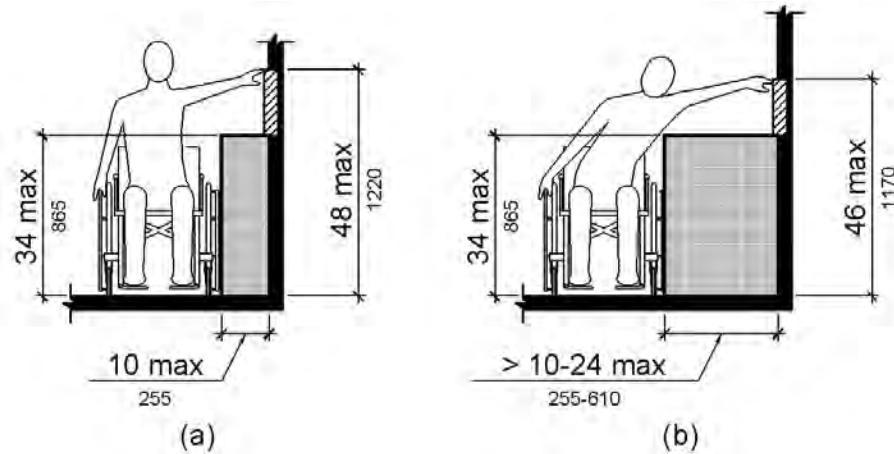


Figure 308.3.2
Obstructed High Side Reach

309 Operable Parts

309.1 General. *Operable parts* shall comply with 309.

309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.

309.3 Height. *Operable parts* shall be placed within one or more of the reach ranges specified in 308.

309.4 Operation. *Operable parts* shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate *operable parts* shall be 5 pounds (22.2 N) maximum.

EXCEPTION: Gas pump nozzles shall not be required to provide *operable parts* that have an activating force of 5 pounds (22.2 N) maximum.

809.5.2.1 Activation. All visible alarm appliances provided within the *residential dwelling unit* for smoke detection notification shall be activated upon smoke detection.

809.5.3 Interconnection. The same visible alarm appliances shall be permitted to provide notification of *residential dwelling unit* smoke detection and *building* fire alarm activation.

809.5.4 Prohibited Use. Visible alarm appliances used to indicate *residential dwelling unit* smoke detection or *building* fire alarm activation shall not be used for any other purpose within the *residential dwelling unit*.

809.5.5 Residential Dwelling Unit Primary Entrance. Communication features shall be provided at the *residential dwelling unit* primary entrance complying with 809.5.5.

809.5.5.1 Notification. A hard-wired electric doorbell shall be provided. A button or switch shall be provided outside the *residential dwelling unit* primary entrance. Activation of the button or switch shall initiate an audible tone and visible signal within the *residential dwelling unit*. Where visible doorbell signals are located in sleeping areas, they shall have controls to deactivate the signal.

809.5.5.2 Identification. A means for visually identifying a visitor without opening the *residential dwelling unit* entry door shall be provided and shall allow for a minimum 180 degree range of view.

Advisory 809.5.5.2 Identification. In doors, peepholes that include prisms clarify the image and should offer a wide-angle view of the hallway or exterior for both standing persons and wheelchair users. Such peepholes can be placed at a standard height and permit a view from several feet from the door.

809.5.6 Site, Building, or Floor Entrance. Where a system, including a closed-circuit system, permitting voice communication between a visitor and the occupant of the *residential dwelling unit* is provided, the system shall comply with 708.4.

810 Transportation Facilities

810.1 General. Transportation *facilities* shall comply with 810.

810.2 Bus Boarding and Alighting Areas. Bus boarding and alighting areas shall comply with 810.2.

Advisory 810.2 Bus Boarding and Alighting Areas. At bus stops where a shelter is provided, the bus stop pad can be located either within or outside of the shelter.

810.2.1 Surface. Bus stop boarding and alighting areas shall have a firm, stable surface.

810.2.2 Dimensions. Bus stop boarding and alighting areas shall provide a clear length of 96 inches (2440 mm) minimum, measured perpendicular to the curb or vehicle roadway edge, and a clear width of 60 inches (1525 mm) minimum, measured parallel to the vehicle roadway.

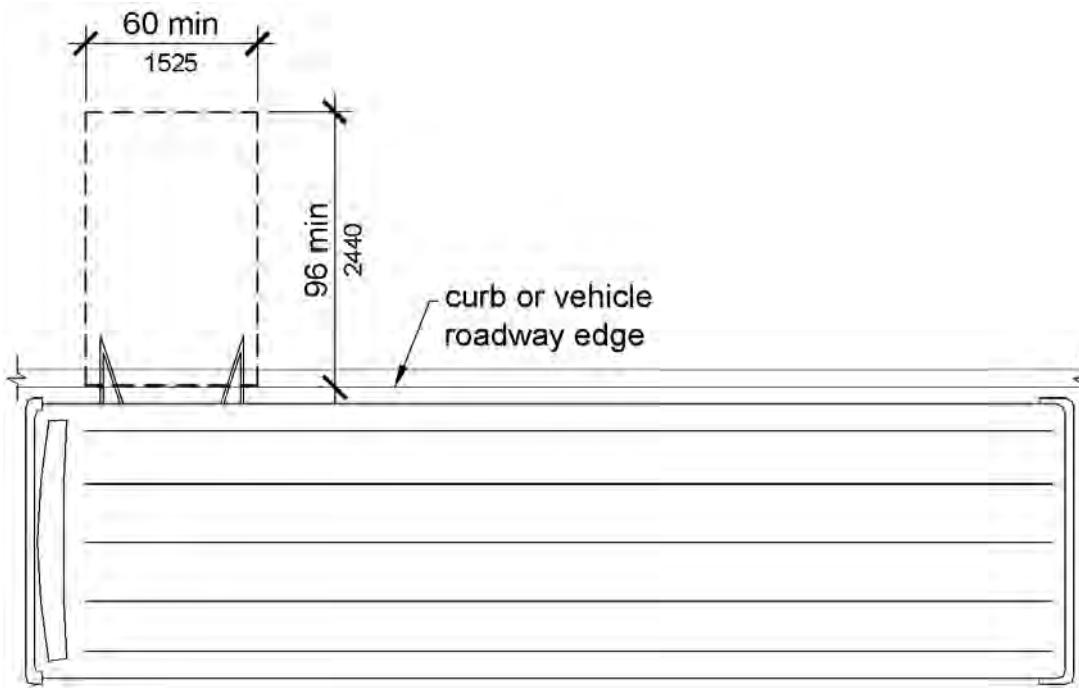
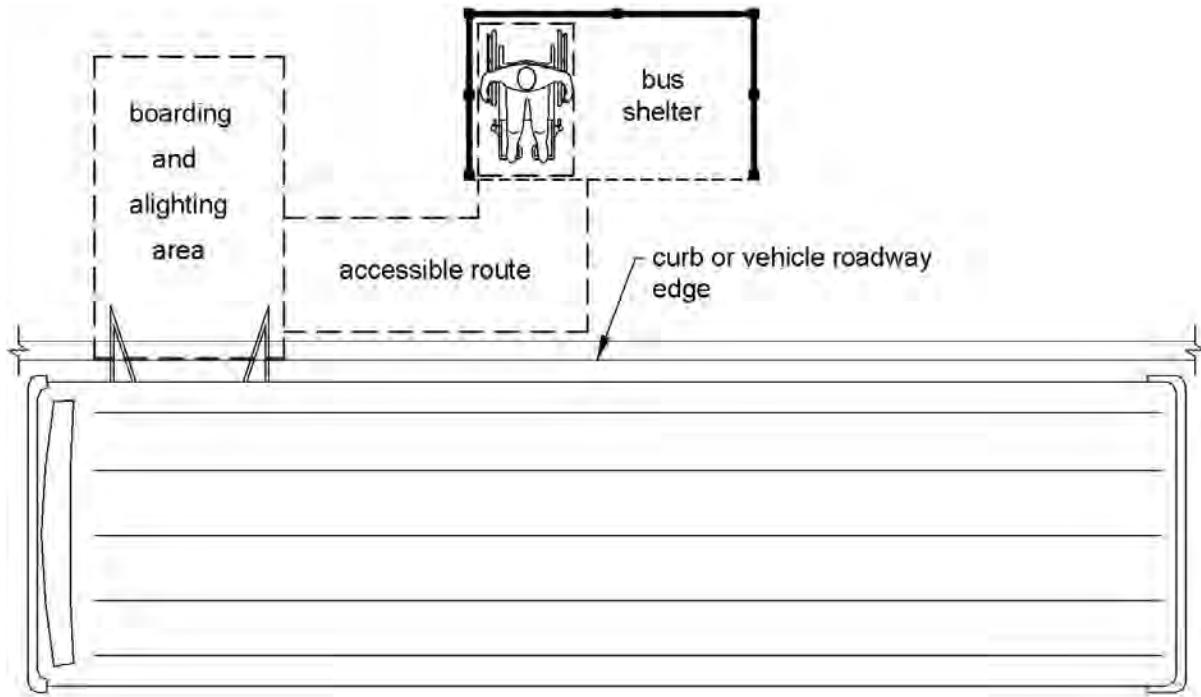


Figure 810.2.2
Dimensions of Bus Boarding and Alighting Areas

810.2.3 Connection. Bus stop boarding and alighting areas shall be connected to streets, sidewalks, or pedestrian paths by an *accessible* route complying with 402.

810.2.4 Slope. Parallel to the roadway, the slope of the bus stop boarding and alighting area shall be the same as the roadway, to the maximum extent practicable. Perpendicular to the roadway, the slope of the bus stop boarding and alighting area shall not be steeper than 1:48.

810.3 Bus Shelters. Bus shelters shall provide a minimum clear floor or ground space complying with 305 entirely within the shelter. Bus shelters shall be connected by an *accessible* route complying with 402 to a boarding and alighting area complying with 810.2.



**Figure 810.3
Bus Shelters**

810.4 Bus Signs. Bus route identification signs shall comply with 703.5.1 through 703.5.4, and 703.5.7 and 703.5.8. In addition, to the maximum extent practicable, bus route identification signs shall comply with 703.5.5.

EXCEPTION: Bus schedules, timetables and maps that are posted at the bus stop or bus bay shall not be required to comply.

810.5 Rail Platforms. Rail platforms shall comply with 810.5.

810.5.1 Slope. Rail platforms shall not exceed a slope of 1:48 in all directions.

EXCEPTION: Where platforms serve vehicles operating on existing track or track laid in existing roadway, the slope of the platform parallel to the track shall be permitted to be equal to the slope (grade) of the roadway or existing track.

810.5.2 Detectable Warnings. Platform boarding edges not protected by platform screens or guards shall have *detectable warnings* complying with 705 along the full length of the *public use area* of the platform.

810.5.3 Platform and Vehicle Floor Coordination. Station platforms shall be positioned to coordinate with vehicles in accordance with the applicable requirements of 36 CFR Part 1192. Low-level platforms shall be 8 inches (205 mm) minimum above top of rail.

EXCEPTION: Where vehicles are boarded from sidewalks or street-level, low-level platforms shall be permitted to be less than 8 inches (205 mm).

Advisory 810.5.3 Platform and Vehicle Floor Coordination. The height and position of a platform must be coordinated with the floor of the vehicles it serves to minimize the vertical and horizontal gaps, in accordance with the ADA Accessibility Guidelines for Transportation Vehicles (36 CFR Part 1192). The vehicle guidelines, divided by bus, van, light rail, rapid rail, commuter rail, intercity rail, are available at www.access-board.gov. The preferred alignment is a high platform, level with the vehicle floor. In some cases, the vehicle guidelines permit use of a low platform in conjunction with a lift or ramp. Most such low platforms must have a minimum height of eight inches above the top of the rail. Some vehicles are designed to be boarded from a street or the sidewalk along the street and the exception permits such boarding areas to be less than eight inches high.

810.6 Rail Station Signs.

Rail station signs shall comply with 810.6.

EXCEPTION. Signs shall not be required to comply with 810.6.1 and 810.6.2 where audible signs are remotely transmitted to hand-held receivers, or are user- or proximity-actuated.

Advisory 810.6 Rail Station Signs Exception. Emerging technologies such as an audible sign systems using infrared transmitters and receivers may provide greater accessibility in the transit environment than traditional Braille and raised letter signs. The transmitters are placed on or next to print signs and transmit their information to an infrared receiver that is held by a person. By scanning an area, the person will hear the sign. This means that signs can be placed well out of reach of Braille readers, even on parapet walls and on walls beyond barriers. Additionally, such signs can be used to provide wayfinding information that cannot be efficiently conveyed on Braille signs.

810.6.1 Entrances. Where signs identify a station or its *entrance*, at least one sign at each *entrance* shall comply with 703.2 and shall be placed in uniform locations to the maximum extent practicable. Where signs identify a station that has no defined *entrance*, at least one sign shall comply with 703.2 and shall be placed in a central location.

810.6.2 Routes and Destinations. Lists of stations, routes and destinations served by the station which are located on boarding areas, platforms, or *mezzanines* shall comply with 703.5. At least one *tactile* sign identifying the specific station and complying with 703.2 shall be provided on each platform or boarding area. Signs covered by this requirement shall, to the maximum extent practicable, be placed in uniform locations within the system.

EXCEPTION: Where sign space is limited, *characters* shall not be required to exceed 3 inches (75 mm).

Advisory 810.6.2 Routes and Destinations. Route maps are not required to comply with the informational sign requirements in this document.

810.6.3 Station Names. Stations covered by this section shall have identification signs complying with 703.5. Signs shall be clearly visible and within the sight lines of standing and sitting passengers from within the vehicle on both sides when not obstructed by another vehicle.

Advisory 810.6.3 Station Names. It is also important to place signs at intervals in the station where passengers in the vehicle will be able to see a sign when the vehicle is either stopped at the station or about to come to a stop in the station. The number of signs necessary may be directly related to the size of the lettering displayed on the sign.

810.7 Public Address Systems. Where public address systems convey audible information to the public, the same or equivalent information shall be provided in a visual format.

810.8 Clocks. Where clocks are provided for use by the public, the clock face shall be uncluttered so that its elements are clearly visible. Hands, numerals and digits shall contrast with the background either light-on-dark or dark-on-light. Where clocks are installed overhead, numerals and digits shall comply with 703.5.

810.9 Escalators. Where provided, escalators shall comply with the sections 6.1.3.5.6 and 6.1.3.6.5 of ASME A17.1 (incorporated by reference, see "Referenced Standards" in Chapter 1) and shall have a clear width of 32 inches (815 mm) minimum.

EXCEPTION: Existing escalators in *key stations* shall not be required to comply with 810.9.

810.10 Track Crossings. Where a *circulation path* serving boarding platforms crosses tracks, it shall comply with 402.

EXCEPTION: Openings for wheel flanges shall be permitted to be $2\frac{1}{2}$ inches (64 mm) maximum.



Figure 810.10 (Exception)
Track Crossings

811 Storage

811.1 General. Storage shall comply with 811.

811.2 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided.

811.3 Height. Storage elements shall comply with at least one of the reach ranges specified in 308.

811.4 Operable Parts. Operable parts shall comply with 309.

T R A N S I T C O O P E R A T I V E R E S E A R C H P R O G R A M

SPONSORED BY

The Federal Transit Administration

TCRP Report 19

Guidelines for the Location and Design of Bus Stops

Transportation Research Board
National Research Council

Report 19

Guidelines for the Location and Design of Bus Stops

TEXAS TRANSPORTATION INSTITUTE
TEXAS A&M RESEARCH FOUNDATION
TEXAS A&M UNIVERSITY
College Station, TX

Subject Area

Public Transit
Planning and Administration

Research Sponsored by the Federal Transit Administration in
Cooperation with the Transit Development Corporation

TRANSPORTATION RESEARCH BOARD
NATIONAL RESEARCH COUNCIL

NATIONAL ACADEMY PRESS
Washington, D.C. 1996

The nation's growth and the need to meet mobility, environmental, and energy objectives place demands on public transit systems. Current systems, some of which are old and in need of upgrading, must expand service area, increase service frequency, and improve efficiency to serve these demands. Research is necessary to solve operating problems, to adapt appropriate new technologies from other industries, and to introduce innovations into the transit industry. The Transit Cooperative Research Program (TCRP) serves as one of the principal means by which the transit industry can develop innovative near-term solutions to meet demands placed on it.

The need for TCRP was originally identified in *TRB Special Report 213—Research for Public Transit: New Directions*, published in 1987 and based on a study sponsored by the Urban Mass Transportation Administration—now the Federal Transit Administration (FTA). A report by the American Public Transit Association (APTA), *Transportation 2000*, also recognized the need for local, problem-solving research. TCRP, modeled after the longstanding and successful National Cooperative Highway Research Program, undertakes research and other technical activities in response to the needs of transit service providers. The scope of TCRP includes a variety of transit research fields including planning, service configuration, equipment, facilities, operations, human resources, maintenance, policy, and administrative practices.

TCRP was established under FTA sponsorship in July 1992. Proposed by the U.S. Department of Transportation, TCRP was authorized as part of the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA). On May 13, 1992, a memorandum agreement outlining TCRP operating procedures was executed by the three cooperating organizations: FTA; the National Academy of Sciences, acting through the **Transportation Research Board (TRB)**; and the Transit Development Corporation, Inc. (TDC), a nonprofit educational and research organization established by APTA. TDC is responsible for forming the independent governing board, designated as the TCRP Oversight and Project Selection (TOPS) Committee.

Research problem statements for TCRP are solicited periodically but may be submitted to TRB by anyone at any time. It is the responsibility of the TOPS Committee to formulate the research program by identifying the highest priority projects. As part of the evaluation, the TOPS Committee defines funding levels and expected products.

Once selected, each project is assigned to an expert panel, appointed by the Transportation Research Board. The panels prepare project statements (requests for proposals), select contractors, and provide technical guidance and counsel throughout the life of the project. The process for developing research problem statements and selecting research agencies has been used by TRB in managing cooperative research programs since 1962. As in other TRB activities, TCRP project panels serve voluntarily without compensation.

Because research cannot have the desired impact if products fail to reach the intended audience, special emphasis is placed on disseminating TCRP results to the intended end users of the research: transit agencies, service providers, and suppliers. TRB provides a series of research reports, syntheses of transit practice, and other supporting material developed by TCRP research. APTA will arrange for workshops, training aids, field visits, and other activities to ensure that results are implemented by urban and rural transit industry practitioners.

The TCRP provides a forum where transit agencies can cooperatively address common operational problems. The TCRP results support and complement other ongoing transit research and training programs.

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NOTICE

The project that is the subject of this report was a part of the Transit Cooperative Research Program conducted by the Transportation Research Board with the approval of the Governing Board of the National Research Council. Such approval reflects the Governing Board's judgment that the project concerned is appropriate with respect to both the purposes and resources of the National Research Council.

The members of the technical advisory panel selected to monitor this project and to review this report were chosen for recognized scholarly competence and with due consideration for the balance of disciplines appropriate to the project. The opinions and conclusions expressed or implied are those of the research agency that performed the research, and while they have been accepted as appropriate by the technical panel, they are not necessarily those of the Transportation Research Board, the National Research Council, the Transit Development Corporation, or the Federal Transit Administration of the U.S. Department of Transportation.

Each report is reviewed and accepted for publication by the technical panel according to procedures established and monitored by the Transportation Research Board Executive Committee and the Governing Board of the National Research Council.

Special Notice

The Transportation Research Board, the National Research Council, the Transit Development Corporation, and the Federal Transit Administration (sponsor of the Transit Cooperative Research Program) do not endorse products or manufacturers. Trade or manufacturers' names appear herein solely because they are considered essential to the clarity and completeness of the project reporting.

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TRANSIT COOPERATIVE RESEARCH PROGRAM

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FOREWORD

By Staff
Transportation Research
Board

TCRP Report 19, *Guidelines for the Location and Design of Bus Stops*, will be of interest to individuals and groups with a stake in the location and design of bus stops. This includes those associated with public transportation organizations, public works departments, local departments of transportation, developers, and public and private organizations along or near bus routes.

The primary objective of this research was to develop guidelines for locating and designing bus stops in various operating environments. These guidelines will assist transit agencies, local governments, and other public bodies in locating and designing bus stops that consider bus patrons' convenience, safety, and access to sites as well as safe transit operations and traffic flow. The guidelines include information about locating and designing bus stops and checklists of factors that should be considered.

The research began with a literature review and the identification of stakeholders' concerns through mail and telephone surveys and face-to-face interviews. A review of 28 transit agency manuals on bus stop design and location provided the basis for an appraisal of current practice. Observations made at more than 270 bus stops during regional visits to Arizona, Michigan, and California were supplemented with traffic field studies conducted at 14 bus stops and pedestrian field studies conducted at 10 bus stops. Computer simulation of bus stops on suburban highways was also used to develop the findings.

The guidelines include three sections: the "big picture," street-side design, and curb-side design.

- **The big picture** section of the guidelines addresses the need for cooperation and coordination among stakeholders during the design and location of bus stops. Such efforts result in mutually satisfying outcomes for diverse interests and can preclude many problems that often arise.
- **The street-side** section discusses matters such as curb radii and when to consider installing the various bus stop configurations (curb-side, nub, bus bay, open bus bay, and queue jumper bus bay) and different bus stop locations (near-side, far-side, and midblock). This section of the guidelines addresses possible effects of bus stop location and design on bus operations and traffic flow.
- **The curb-side** section addresses community integration; pedestrian access to bus stops; placement of bus stops in the right of way; environmental treatments; bus shelter designs; shelter construction materials; and amenities, such as lighting, benches, vending machines, trash receptacles, telephones, bus route and schedule information, and bicycle storage facilities.

The guidelines also include two appendixes that present the results of the street-side and curb-side studies.

A secondary objective of this research project was to develop or assemble the most comprehensive and technically current information on bus stop design. The research team prepared a final report that presents the research approach and findings, including the results of the literature review, review of transit agency manuals, and survey findings. This report, which is not published, is available, on loan, from TCRP.

A bus shelter provides protection from the elements and seating while waiting for a bus. Standardized shelters exist that accommodate various site demands and different passenger volumes. Typically, a shelter is constructed of clear side-panels for clear visibility. Depending on demand and frequency of service, a bus shelter may also have a bench.

The decision to install a shelter is a result of systemwide policy among transit agencies. Many criteria exist to determine shelter installation at a bus stop. In most instances, the estimated number of passenger boardings has the greatest influence. Suggested boarding levels by area type used to decide when to install a shelter are as follows (these values represent a composite of prevailing practices):

<u>Location</u>	<u>Boarding</u>
Rural	10 boardings per day
Suburban	25 boardings per day
Urban	50 to 100 boardings per day

Other criteria used to evaluate the potential for inclusion of a shelter include

- number of transfers at a stop
- availability of space to construct shelters and waiting areas
- number of elderly or physically challenged individuals in the area
- proximity to major activity centers
- frequency of service
- adjacent land use compatibility

Priority may or may not be given to each of these items depending on policy. System equity or funding availability can cause the installation decision to be made on a case-by-case basis. Local priorities and neighborhood requests can also influence the decision to include a shelter at a bus stop.

Other factors that can influence the size of the shelter include availability of right-of-way width, existing street furniture, utility pole locations, landscaping, existing structures, and maintaining proper circulation distances around existing site features.

TCRP ACCOMPLISHMENTS

INCEPTION TO PRESENT

January 2009

TCRP Users' Survey: In 1999, TCRP conducted its first user survey to obtain feedback on the program from individuals that have requested TCRP materials. Over 2,800 individuals were contacted by telephone and direct mail, with a 17% response rate. Fifty-four percent of respondents stated that they have used TCRP products in their organizations, and 78% stated that they will probably use TCRP products in the future. Two-thirds of those who requested TCRP products worked for public transit agencies. The survey also revealed that 83% of respondents have internet access in the organization, but only one-third of those have the internet available at their desk. Thirty-three percent of respondents preferred electronic delivery of TCRP products. This first survey indicated positive user response to the program.

A second TCRP survey was completed in late 2002. This survey obtained information on program awareness and benefit. The survey overwhelmingly indicated that the TCRP was considered valuable to the transit industry, with roughly 85% of respondents strongly or somewhat agreeing with the statement "The TCRP program is valuable to the industry." Respondents indicated that they have saved a total of \$12,845,000 as a result of the use of TCRP products. Extrapolated to the full survey sample (approximately 20% of respondents answered this particular question of the survey), this translates to \$64,225,000. Additional extrapolation to the full transit industry would increase these savings further. The survey also asked an open-ended question on the use of TCRP products. Some of the comments received are provided below.

- "...A-16 interim report is used as a reference of the current project bus signal priority project."
- "We keep a library of TCRP literature and use it as reference tools."
- "A lot of it is used in developing policy papers for our regional transportation plan."
- "Used to supplement training."
- "Training aids for professional staff members. Source material for white paper presentations to board members."
- "TCRP-19, Bus Stop Locations are used on a daily basis...as are many reports and research."
- "TCRP Report 58 - used it to help focus our management approach to system planning in a more business-oriented environment."
- "TCRP A-15 was used to analyze our service. TCRP 19 was used to help establish bus stop standards. Other research has been used for policy discussions."
- "To increase efficiency and effectiveness."
- "TCRP offers many products that aid the small urban and rural transit manager in the performance of his/her job. We have made extensive use of Reports #6, 24, 47, 54, 64."
- "Legal analysis in reference to van pools, 13(c) and right-of-way acquisition."
- "Because I am a transportation planner, I use reports consistently to back up decision-making and in analyzing alternatives."

During 2005, a survey was conducted at APTA technical conferences and annual meeting to obtain additional information on the usage of TCRP products. More information will be provided as the results of this survey are compiled.

During this survey, one respondent indicated that TCRP reports are used extensively to support agency decision-making, as curricula in training classes, and for personal development. The respondent indicated that the use of TCRP publications reduces resources needed to conduct background work on issues, providing a good baseline that allows the staff to focus resources on the unique and specific needs of the agency. It was noted that the agency has easily saved several hundred thousand dollars, as well as staff time due to the availability of TCRP publications. Specific TCRP products cited included the use of Reports 85 and 104 (transit boards) for board member orientation; TCRP new paradigms material—Reports 53, 58, and 97—for use in agency strategic planning (agency savings estimated at \$100,000); and Report 88 (performance measures) for use in agency strategic planning and annual business planning (estimated agency savings of \$50,000).

Transit Capacity and Quality of Service Manual: TCRP Project A-15, produced a *First Edition, Transit Capacity and Quality of Service Manual*, that was initially available as a CD-ROM and on the TRB website as TCRP Web Document 6. In late 2003, TCRP Report 100, *Transit Capacity and Quality of Service Manual: Second Edition* was issued, updating and adding to the material provided in the first edition. Report 100 is a fundamental reference document for public transportation practitioners that contains quantitative techniques for calculating the capacity of bus, rail, and ferry services, and transit stops, stations, and terminals. It also provides a framework for measuring transit availability and quality from the passenger point of view. TRB has established a Task Force on Transit Capacity and Quality of Service that will manage the transit manual much as a TRB standing committee has long overseen revisions and expansions of the *Highway Capacity Manual*. The University of Arizona, University of Idaho, Massachusetts Institute of Technology, Portland State University, and the Queensland University of Technology all report incorporating the manual into transportation education programs. In addition, all Metropolitan Planning Organizations in Florida, at the request of the Florida Department of Transportation, are assessing their transit systems using the quality of service concepts outlined in the manual. Transit agencies in Atlanta,

decisions.

TCRP Web Document 13, *Costs of Meeting Accessibility Requirements for Over-the-Road Buses*, provides objective information for deliberations regarding the costs of meeting accessibility requirements in light of federal funding under the Transportation Equity Act for the 21st Century (TEA-21), which assists private operators with the costs of ADA compliance for over-the-road buses. The report provides a range of estimates for capital, training, and maintenance costs—within the broader context of other costs and revenue issues.

LYNX in Orlando, Florida reports that its maintenance training staff has incorporated material from a number of TCRP publications in their training material.

TCRP Project E-6, *Transit Bus Mechanics: Building for Success—The ASE Transit Bus Maintenance Certification Test Series*, is developing Institute for Automotive Service Excellence (ASE) tests to certify transit bus mechanics. The tests will be similar to those for the automotive, medium- and heavy-duty truck, and school bus industries. The project panel has identified 11 subject areas for testing.

Results of tests offered to date are provided below.

Spring 2006

- Electronics/Electrical: 571 took/346 passed (61%)
- Brakes: 667 took/399 passed (60%)

Fall 2006

- Electronics/Electrical: 267 took/181 passed (68%)
- Brakes: 333 took/195 passed (59%)

Spring 2007

- Electronics/Electrical: 288 took/130 passed (45%)
- Brakes: 424 took/165 passed (39%)
- Diesel Engines: 438 took/209 passed (48%)
- HVAC: 383 took/181 passed (47%)
- Adv. Engine Electronics: 471 took/265 passed (56%)

Fall 2007

- Electronics/Electrical: 194 took/111 passed (57%)
- Brakes: 318 took/157 passed (49%)
- Diesel Engines: 311 took/197 passed (63%)
- HVAC: 254 took/135 passed (53%)
- Adv. Engine Electronics: 404 took/214 passed (53%)

Spring 2008

- Electronics/Electrical: 225 took/135 passed (60%)
- Brakes: 348 took/177 passed (51%)
- Diesel Engines: 291 took/141 passed (48%)
- HVAC: 227 took/135 passed (59%)
- Adv. Engine Electronics: 407 took/190 passed (47%)
- Steering/Suspension 375 took/241 passed (64%)
- Transmission/Drivetrain 315 took/203 passed (64%)

Bus Stop Location/Design: TCRP Report 19, *Guidelines for the Location and Design of Bus Stops*, provides guidelines for locating and designing bus stops in various operating environments. The Central Contra Costa Transit Authority reports that it uses this report to assist them in making recommendations for the location of bus stops to their member jurisdictions.

The results from joint TCRP/NCHRP Report 112/562, *Improving Pedestrian Safety at Unsignalized Crossings*, were introduced to, and approved by, the National Committee of the MUTCD. As a result, the next version of the MUTCD will include changes in the area of Pedestrian Beacon and Pedestrian Signal Warrant.

Standardized Railcar Systems: Transit rail operators could save as much as \$120 million as a result of the development

**MANUAL OF UNIFORM MINIMUM STANDARDS
FOR DESIGN, CONSTRUCTION AND MAINTENANCE
FOR STREETS AND HIGHWAYS
(Commonly known as the "Florida Greenbook")**



**State of Florida
Department of Transportation**

**MAY 2007
EDITION**

**Any updates to the Florida Greenbook will be posted on the
FDOT Web Site at:**

<http://www.dot.state.fl.us/rddesign/Publications/pub.htm>

TABLE 3 – 12
MINIMUM WIDTH OF CLEAR ZONE

Type of Facility	DESIGN SPEED (MPH)							
	25 and Below	30	35	40	45	50	55	60 and Above
MINIMUM CLEAR ZONE (FEET)								
Rural •	6 10 Collectors 14 Arterials	6 Local 10 Collectors 14 Arterials	6 Local 10 Collectors 14 Arterials	10 Collectors 14 Arterials	14 Arterials and Collectors ADT < 1500 18 Arterials and Collectors ADT ≥ 1500	14 Arterials and Collectors ADT < 1500 18 Arterials and Collectors ADT ≥ 1500	18 Arterials and Collectors ADT < 1500 24 Arterials and Collectors ADT ≥ 1500	18 Arterials and Collectors ADT < 1500 30 Arterials and Collectors ADT ≥ 1500
Urban *	1 ½	**	**	**	**	N/A **	N/A **	N/A **

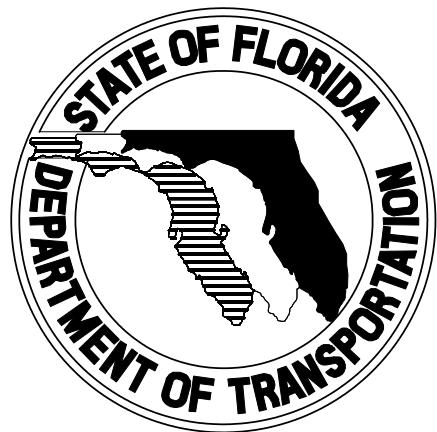
* From face of curb

** On projects where the 4 foot minimum offset cannot be reasonably obtained and other alternatives are deemed impractical, the minimum may be reduced to 1 ½'.

- Use rural for urban facilities when no curb and gutter is present. Measured from the edge of through travel lane on rural section.
- Curb and gutter not to be used on facilities with design speed > 45mph.

NOTE: ADT in Table 3 - 12 refers to Design Year ADT.

State of Florida
Department of Transportation
Public Transportation Office



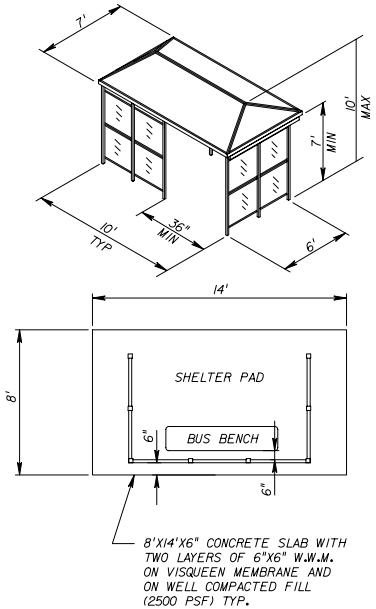
TRANSIT FACILITIES GUIDELINES

REVISIONS		
DATE	BY	DESCRIPTION

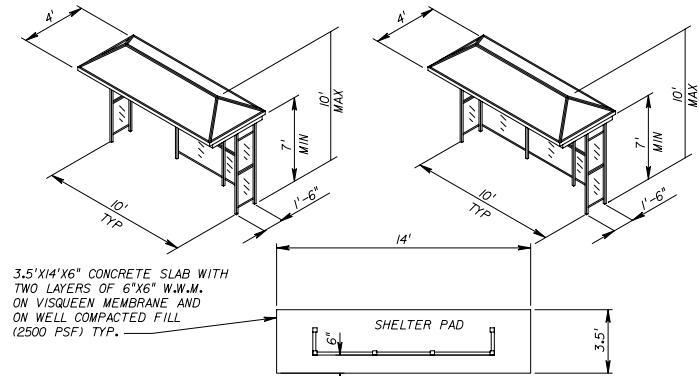


STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

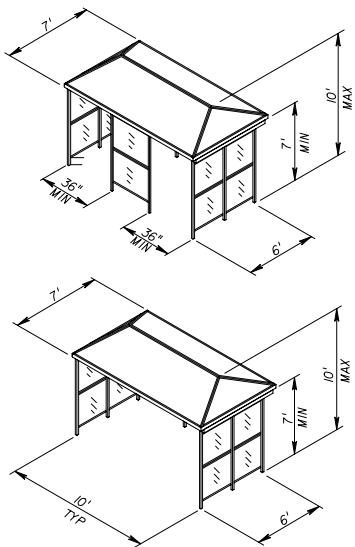
TRANSIT FACILITIES GUIDELINES STREETSIDE BUS STOP LOCATIONS & DESIGN TYPES	FIGURE



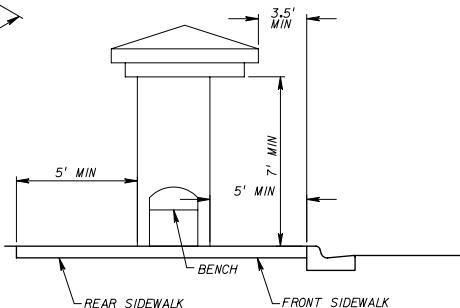
LARGE TYPICAL SHELTERS



SMALL TYPICAL SHELTERS



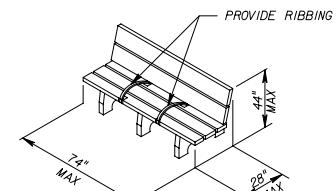
MEDIUM TYPICAL SHELTERS



MINIMUM CLEARANCES FOR SHELTERS
URBAN CONDITION

BUS SHELTER NOTES:

- COORDINATE WITH LOCAL TRANSIT AGENCY FOR BUS SHELTER DESIGN.
- BUS SHELTERS ARE PROHIBITED IN MEDIANS.
- BUS SHELTERS SHALL BE LOCATED A MINIMUM OF 12 FT FROM THE INTERSECTION POINT OF CURVE/TANGENT.
- BUS SHELTERS SHALL NOT BE LOCATED WITHIN 15 FT OF A FIRE HYDRANT OR DISABLED PARKING SPACE.
- BICYCLE RACKS SHALL BE CONSIDERED AS PART OF THE SHELTER BASED ON COORDINATION WITH THE TRANSIT AGENCY.
- A CLEAR AREA OF 2 FT MINIMUM SHOULD BE PROVIDED BEHIND SHELTER FOR MAINTENANCE.
- BICYCLE RACKS SHALL BE LOCATED SO AS NOT TO BLOCK THE VIEW OF WAITING PASSENGERS.
- BUS SHELTERS SHALL BE LOCATED AT LEAST 15 FT (DESIRED) AND 7 FT (MINIMUM) FROM THE NEAREST UTILITY POLE.
- STRUCTURAL DESIGN TO BE PER ALL APPLICABLE LOCAL CODES.



BENCH DIMENSIONS

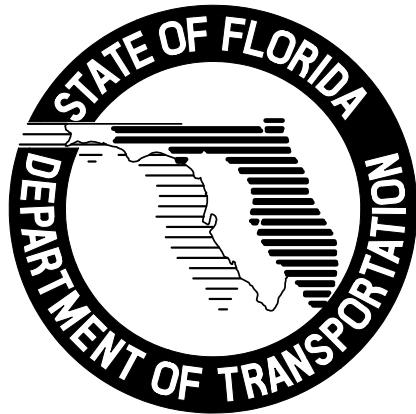
REVISIONS		
DATE	BY	DESCRIPTION
DATE	BY	DESCRIPTION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

**TRANSIT FACILITIES GUIDELINES
CURBSIDE BUS SHELTER DETAILS**

FIGURE

I-6



DESIGN STANDARDS

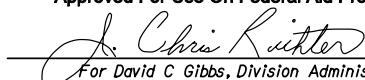
FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY
OPERATIONS ON THE STATE HIGHWAY SYSTEM

2008

TOPIC NO. 625-010-003

ENGLISH UNITS

Approved For Use On Federal Aid Projects



For David C Gibbs, Division Administrator

State of Florida, Department Of Transportation
Roadway Design Office
Mail Station 32
605 Suwannee Street
Tallahassee, Florida 32399-0450

GENERAL NOTES

1. Details apply to both rural and urban intersections under stop sign control or flashing beacon control. For full signal controlled intersections see Design Note No. 4.
2. Sight distance (d) applies to normal and skewed intersections (intersecting angles between 60° and 120°), and where vertical and/or horizontal curves are present. Sight distance (d) is measured along the major roadway from the center of the entrance lane of the minor roadway to the center of the near approach lane (right or left) of the major roadway. Distances d_L and d_R are measured from the centerline of the entrance lane of the minor roadway to a point on the edge of the near side outer traffic lane on the major roadway. Distance d_m is measured from the centerline of the entrance lane of the minor roadway to a point on the median clear zone limit or horizontal clearance limit for the far side roadway of the major roadway.
3. a. The limits of clear sight define a corridor throughout which a clear sight window must be preserved. See WINDOW DETAIL, Sheet 6.
b. Clear sight must be provided between vehicles at intersection stop locations, and vehicles on the major roadway within dimension ' d '.
c. Since observations are made in both directions along the line of sight, the reference datum between roadways is 3'-6" above respective pavements.
4. Barrier systems within intersection sight corridors, where penetration into the sight window might occur, shall be located to provide the least adverse affect practical.
5. The corridor defined by the limits of clear sight is a restricted planting area. Drivers of vehicles on the intersecting roadway and vehicles on the major roadway must be able to see each other clearly throughout the limits of ' d ' and ' d_m '. If in the Engineers judgement, landscaping interferes with the line of sight corridor prescribed by these standards the Engineer may rearrange, relocate or eliminate plantings. Plants within the restricted areas are limited to selections as follows:

Ground Cover & Trunked Plants (Separate or Combined):

Ground Covers - Plant selection of low growing vegetation which at maturity does not attain a height greater than 18" below the sight line datum.
For ground cover in combination with trees and palms; the following heights below the sight line datum will apply: 24" for trees and palms $\leq 11"$ dia.; and, 18" for sabal palms $> 11" \leq 18"$ dia. (dia.-within Sight Window).

Trunked Plants - Plant selection of a mature trunk diameter 4" or less measured at 6" above the ground. Canopy or high borne foliage shall never be lower than 5' above the sight line datum. These selections shall be spaced no closer than 20'.

Trees:

Trees can be used with lawn; pavers; pavement; gravel, bark or wood chip beds; ground covers or other Department approved material. The clear sight window must be in conformance with the 'WINDOW DETAIL' modified to attain the height requirements listed in 'Ground Covers' above. Tree size and spacing shall conform to the following tabular values:

Description	Speed (mph)									
	30	35	40	45	50	55	60			
(Inches)										
Diameter (Within Limits Of Sight Window)	>4 \leq 11	>11 \leq 18								
Minimum Spacing (c. to c. of Trunk)	22	91	27	108	33	126	40	146	45	165

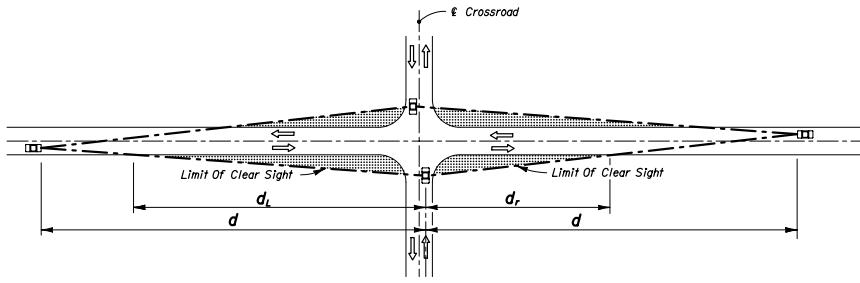
Sizes and spacings are based on the following conditions:
(a) A single line of trees in the median parallel to but not necessarily colinear with the centerline,
(b) A straight approaching mainline, within skew limits as described in No. 2 above,
(c) 1. Trees and palms $\leq 11"$ in diameter casting a vertical 6' wide shadow band on a vehicle entering of stop bar location when viewed by mainline driver beginning at distance ' d '; see SHADOW DIAGRAM, Sheet 6.
2. Sabal palms with diameters $> 11" \leq 18"$ spaced at intervals providing a 2 second full view of entering vehicle at stop bar location when viewed by mainline driver beginning at distance ' d '; see PERCEPTION DIAGRAM, Sheet 6.
(d) Trees with diameters $\leq 11"$ intermixed with trees with diameters $> 11" \leq 18"$ are to be spaced based on trees with diameters $> 11" \leq 18"$.

For any other conditions the tree sizes, spacings and locations shall be detailed in the plans; see Design Note No. 5.

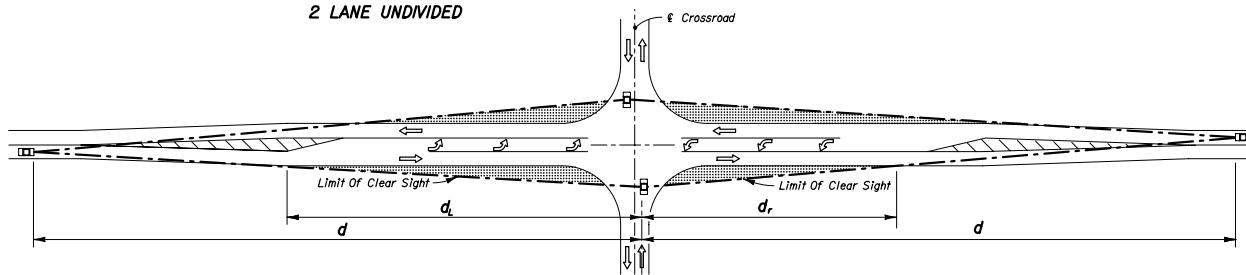
DESIGN NOTES

1. The information shown on this Index is intended solely for the purpose of clear sight development and maintenance at intersecting highways, roads and streets, and is not intended to be used to establish roadway and roadside safety except as related to clear sight corridors. An analysis of sight distance shall be documented for all intersections.
2. Details are based on the AASHTO 'A Policy On Geometric Design Of Highways And Streets, 2001', CHAPTER 9, INTERSECTION SIGHT DISTANCE, CASES B and F, and Department practices for channelized median openings (left turns from major roadways).
3. The minimum driver eye setback of 14.5' from the edge of the traveled way may be adjusted on any intersection leg only when justified by a documented, site specific field study of vehicle stopping position and driver eye position.
4. For SIGNALIZED INTERSECTIONS sight distances should be developed based on AASHTO 'Case D - Intersections With Traffic Signal Control'. At signalized intersections, the first vehicle stopped on one approach should be visible to the driver of the first vehicle stopped on each of the other approaches. Left-turning vehicles should have sufficient sight distance to select gaps in oncoming traffic and complete left turns. Apart from these sight conditions, there are generally no other approach or departure sight triangles needed for signalized intersections. However, if the traffic signal is to be placed on two-way flashing operation (i.e. flashing yellow on the major-road approaches and flashing red on the minor-road approaches) under off-peak or nighttime conditions, then the appropriate departure sight triangles for Case B, both to the left and to the right, should be provided for the minor-road approaches. In addition, if right turns on a red signal are to be permitted from any approach, then the appropriate departure sight triangle to the left for Case B2 should be provided to accommodate right turns from that approach.
5. Where curvature, superelevation, adverse split profiles or other conditions preclude the use of standard tree sizes and spacing, proof of view and shadowing restraints must be documented and the size and location of trees in medians detailed in the plans.
6. Intersection sight distance values are provided for Passenger Vehicles, SU Vehicles and Combination Vehicles. Intersection sight distance based on the Passenger Vehicle is suitable for most intersections. Where substantial volumes of heavy vehicles enter the major-road, such as from ramp terminals with stop control or roadways serving truck terminals, the use of tabulated values for SU Vehicles or Combination Vehicles should be considered.

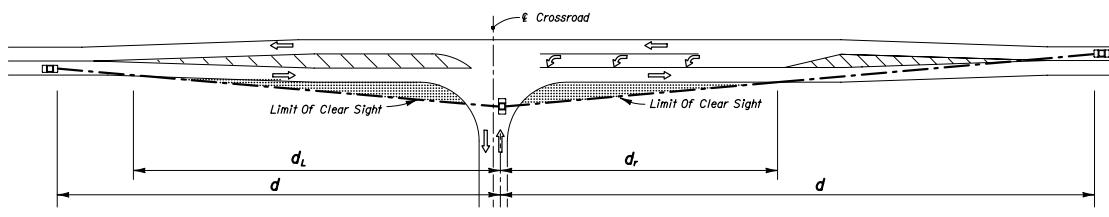




**PICTORIAL
2 LANE UNDIVIDED**



2 LANE 2 WAY • FLARED FOR OPPONDING LEFT TURN CENTERED ON ALIGNMENT



2 LANE 2 WAY • FLARED FOR SINGLE SIDE LEFT TURN CENTERED ON ALIGNMENT

LEGEND
 Areas Free Of Sight Obstructions

NOTE: See Sheet 6 for intersecting roadway origin
of clear sight and quadrant corner clips.

Design Speed	d	d_L	d_r	Design Speed	d	d_L	d_r	Design Speed	d	d_L	d_r
30 335	240	150		30 420	295	190		30 510	360	225	
35 390	275	175		35 490	345	220		35 595	420	265	
40 445	315	200		40 560	395	250		40 680	480	305	
45 500	350	225		45 630	445	280		45 765	540	340	
50 555	390	250		50 700	495	310		50 845	600	375	
55 610	430	275		55 770	545	345		55 930	660	415	
60 665	470	300		60 840	595	375		60 1015	720	450	
65 720	510	325		65 910	645	405		65 1100	780	490	

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_L, d_r) (FEET)

2 LANE UNDIVIDED

Passenger Vehicle

SU Vehicle

Combination Vehicle

Design Speed	d	d_L	d_r
30 355	195	135	
35 415	225	155	
40 475	260	180	
45 530	290	200	
50 590	325	220	
55 650	355	245	
60 710	390	265	
65 765	420	290	

Design Speed	d	d_L	d_r
30 450	250	170	
35 525	290	200	
40 600	330	225	
45 675	370	255	
50 750	410	285	
55 825	450	310	
60 900	490	340	
65 975	530	370	

Design Speed	d	d_L	d_r
30 540	295	205	
35 630	345	240	
40 720	395	270	
45 810	445	305	
50 900	495	330	
55 990	540	375	
60 1080	590	405	
65 1170	640	440	

SIGHT DISTANCE (d) AND RELATED DISTANCES (d_L, d_r) (FEET)

2 LANE 2 WAY • FLARED FOR LEFT TURNS

Passenger Vehicle

SU Vehicle

Combination Vehicle

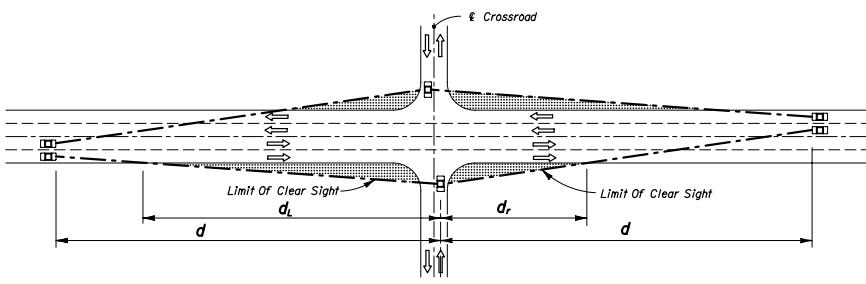


2008 FDOT Design Standards

Last Revision
04
Sheet No.
2 of 6

Index No.
546

SIGHT DISTANCE AT INTERSECTIONS

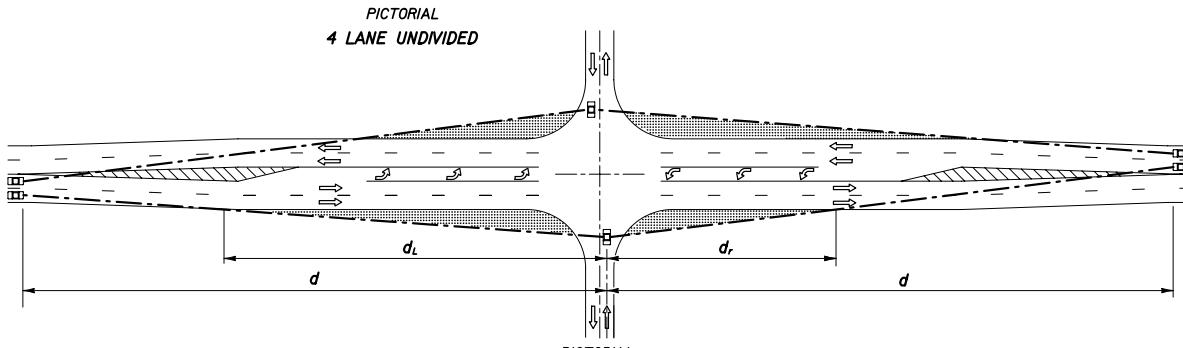


Design Speed	<i>d</i>	<i>d_L</i>	<i>d_r</i>
30	355	250	115
35	415	295	135
40	475	335	155
45	530	375	175
50	590	415	195
55	650	460	210
60	705	500	230
65	765	540	250

Design Speed	<i>d</i>	<i>d_L</i>	<i>d_r</i>
30	450	320	150
35	525	370	170
40	600	425	195
45	675	475	220
50	750	530	245
55	825	585	270
60	900	635	295
65	975	690	320

Passenger Vehicle SU Vehicle Combination Vehicle

SIGHT DISTANCE (*d*) AND RELATED DISTANCES (*d_L*, *d_r*) (FEET)
4 LANE UNDIVIDED

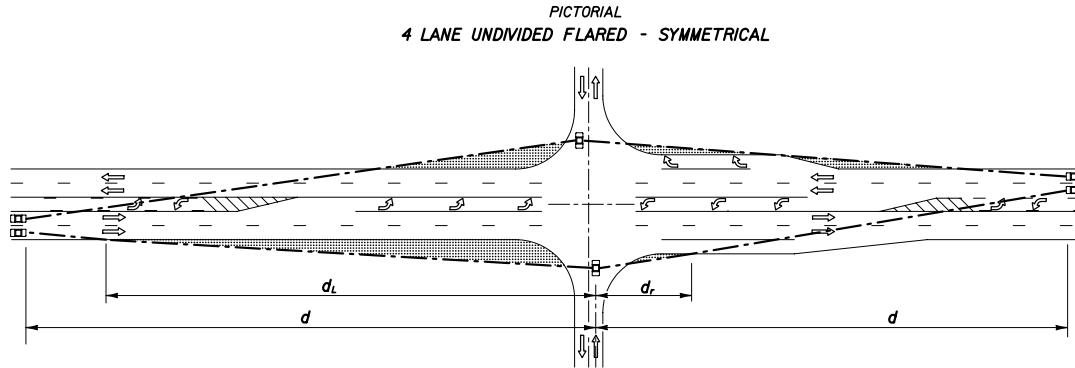


Design Speed	<i>d</i>	<i>d_L</i>	<i>d_r</i>
30	375	205	120
35	440	240	145
40	500	275	165
45	565	310	185
50	630	340	205
55	690	375	225
60	750	410	245
65	815	445	265

Design Speed	<i>d</i>	<i>d_L</i>	<i>d_r</i>
30	480	220	155
35	560	255	180
40	640	290	210
45	720	330	235
50	800	365	260
55	880	400	285
60	960	440	310
65	1040	480	340

Passenger Vehicle SU Vehicle Combination Vehicle

SIGHT DISTANCE (*d*) AND RELATED DISTANCES (*d_L*, *d_r*) (FEET)
4 LANE UNDIVIDED FLARED - SYMMETRICAL



Design Speed	<i>d</i>	<i>d_L</i>	<i>d_r</i>
30	375	265	95
35	440	310	115
40	500	355	130
45	565	400	145
50	625	440	160
55	690	490	172
60	750	530	195
65	815	575	210

Design Speed	<i>d</i>	<i>d_L</i>	<i>d_r</i>
30	480	340	125
35	560	395	145
40	640	450	165
45	720	510	185
50	800	565	205
55	880	620	225
60	960	680	245
65	1040	735	265

Passenger Vehicle SU Vehicle Combination Vehicle

SIGHT DISTANCE (*d*) AND RELATED DISTANCES (*d_L*, *d_r*) (FEET)
4 LANE UNDIVIDED WITH OPTIONAL LANE

PICTORIAL 4 LANE UNDIVIDED WITH OPTIONAL LANE

LEGEND

[Shaded Box] Areas Free Of Sight Obstructions

NOTE: See Sheet 6 for intersecting roadway origin of clear sight and quadrant corner clips.



2008 FDOT Design Standards

Last Revision
04 Sheet No.
3 of 6

Index No.
546

SIGHT DISTANCE AT INTERSECTIONS

MEDIAN 22' OR LESS				
Design Speed	d	d_L	d_r	d_m
30	390	280	90	320
35	460	330	100	380
40	520	370	110	430
45	590	420	130	480
50	650	460	140	530
55	720	510	160	590
60	780	550	170	640
65	850	600	190	700

25'-64' MEDIAN				
Design Speed	d	d_L	d_r	d_{VL}
30	290	210	330	230
35	330	230	390	280
40	380	270	440	310
45	430	300	500	350
50	480	340	550	390
55	530	370	610	430
60	570	400	660	470
65	620	440	720	510

PASSENGER VEHICLE (P)

MEDIAN 35' OR LESS				
Design Speed	d	d_L	d_r	d_m
30	540	380	100	460
35	630	450	110	530
40	720	510	130	610
45	810	570	150	690
50	900	640	160	760
55	990	700	180	840
60	1080	760	200	920
65	1170	830	210	990

40'-64' MEDIAN				
Design Speed	d	d_L	d_r	d_{VL}
30	370	260	420	300
35	440	310	490	350
40	500	350	560	400
45	560	400	630	450
50	620	440	700	500
55	690	490	770	540
60	750	530	840	590
65	810	570	910	640

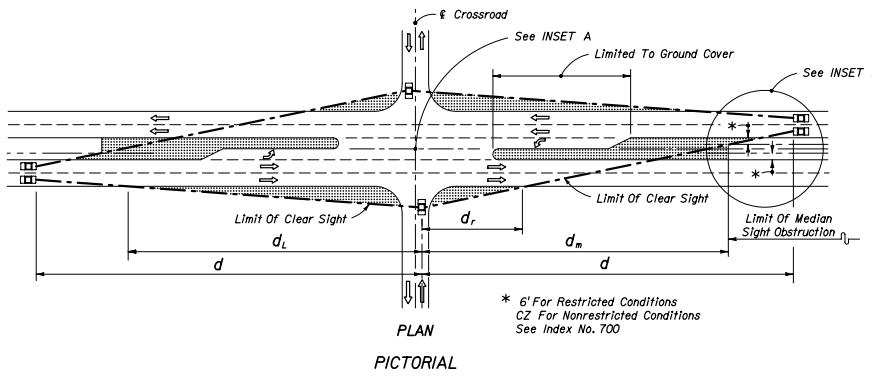
SINGLE-UNIT TRUCK (SU)

MEDIAN 30' OR LESS				
Design Speed	d	d_L	d_r	d_m
30	620	440	120	520
35	720	510	140	600
40	820	580	160	690
45	930	660	180	780
50	1030	730	200	860
55	1130	800	220	950
60	1240	880	240	1040
65	1340	950	260	1120

35'-50' MEDIAN				
Design Speed	d	d_L	d_r	d_m
30	670	470	100	580
35	780	550	120	680
40	890	630	140	780
45	1000	710	150	870
50	1110	790	170	970
55	1220	860	190	1070
60	1330	940	200	1160
65	1440	1020	220	1260

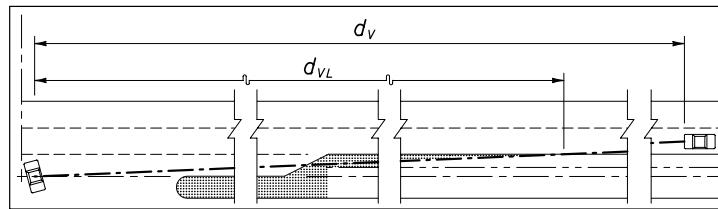
64' MEDIAN				
Design Speed	d	d_L	d_r	d_{VL}
30	460	330	50	360
35	540	380	590	420
40	620	440	680	480
45	690	490	760	540
50	770	540	850	600
55	850	600	930	660
60	920	650	1020	720
65	1000	710	1100	780

INTERMEDIATE SEMI-TRAILERS (WB-40 & WB-50)



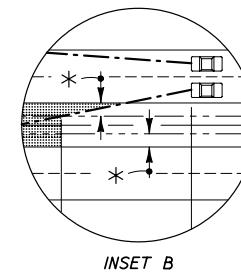
LEGEND

[Hatched area] Areas Free Of Sight Obstructions



Where The Median Is Sufficiently Wide For The Design Vehicle To Pause In The Median (Vehicle Length Plus 6' Min.) The Clear Line Of Sight To The Right (d_V) Is Measured From The Vehicle Pause Location, i.e., Not From The Cross Road Stop Position; Distances d_L & d_m Do Not Apply.

INSET A



NOTES FOR 4-LANE DIVIDED ROADWAY

1. See Sheet 6 for origin of clear sight line on the minor road.

2. Values shown in the tables are the governing (controlling) sight distances calculated based on 'AASHTO Case B - Intersection with Stop Control on the Minor Road.'

Vehicle Type	Vehicle Length (Ft.)
Passenger (P)	19
Single Unit (SU)	30
Large School Bus	40
WB-40	45.5
WB-50	55

SIGHT DISTANCES (d) & (d_V) AND RELATED DISTANCES (d_L , d_r , d_m & d_{VL}) (FEET)

4 LANE DIVIDED ROADWAY



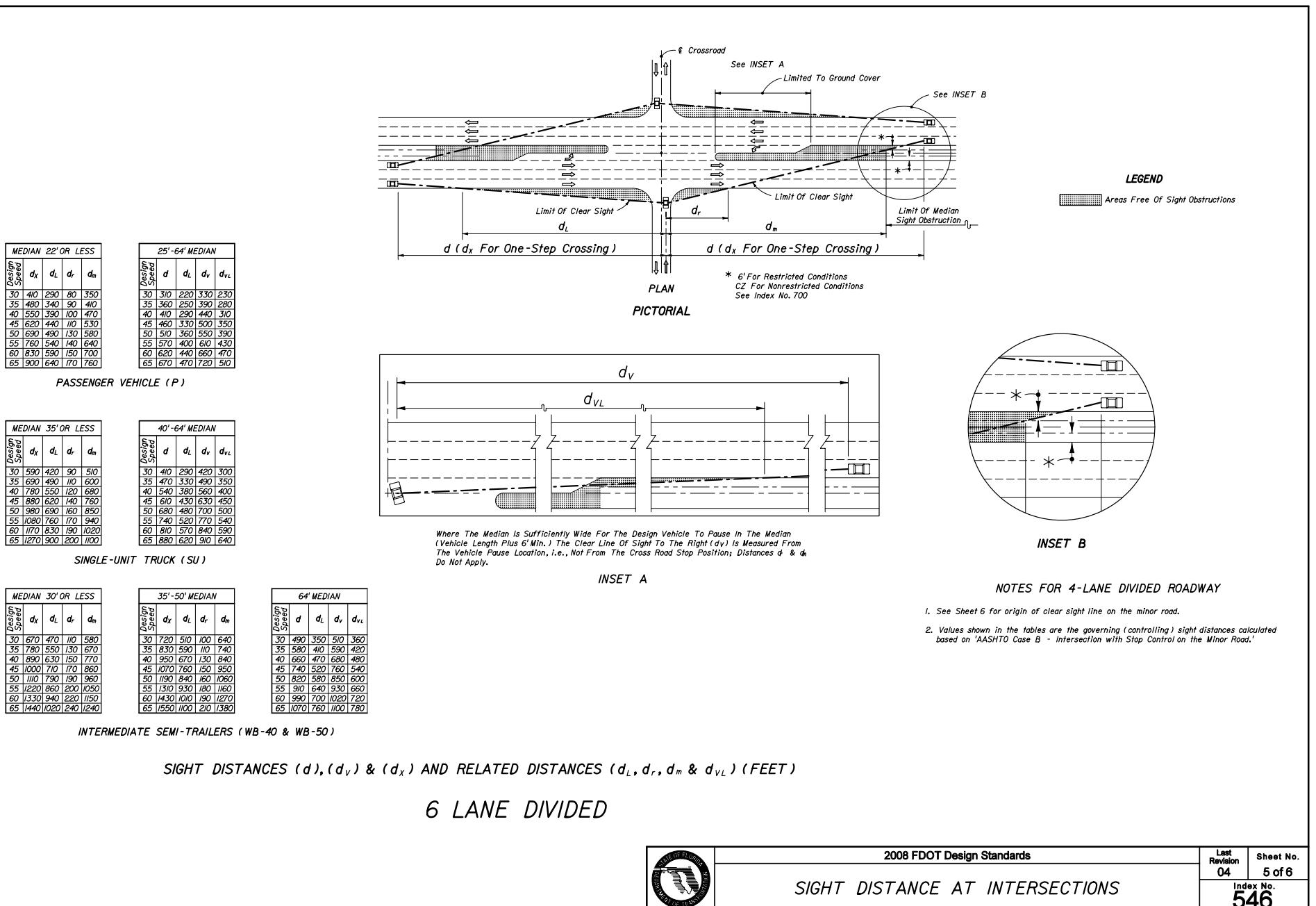
2008 FDOT Design Standards

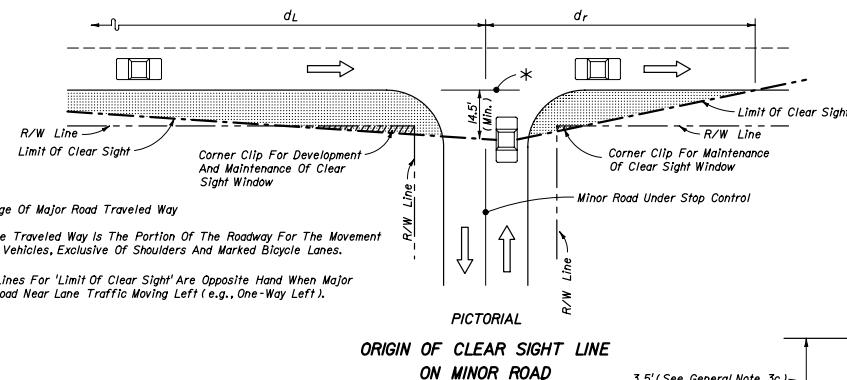
Last Revision
04

Sheet No.
4 of 6

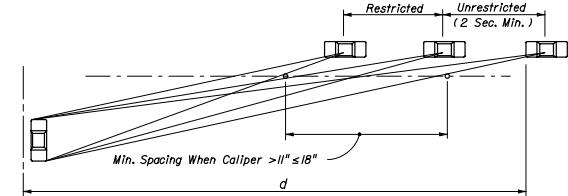
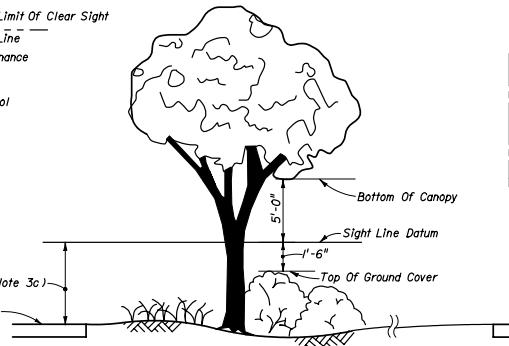
SIGHT DISTANCE AT INTERSECTIONS

Index No.
546

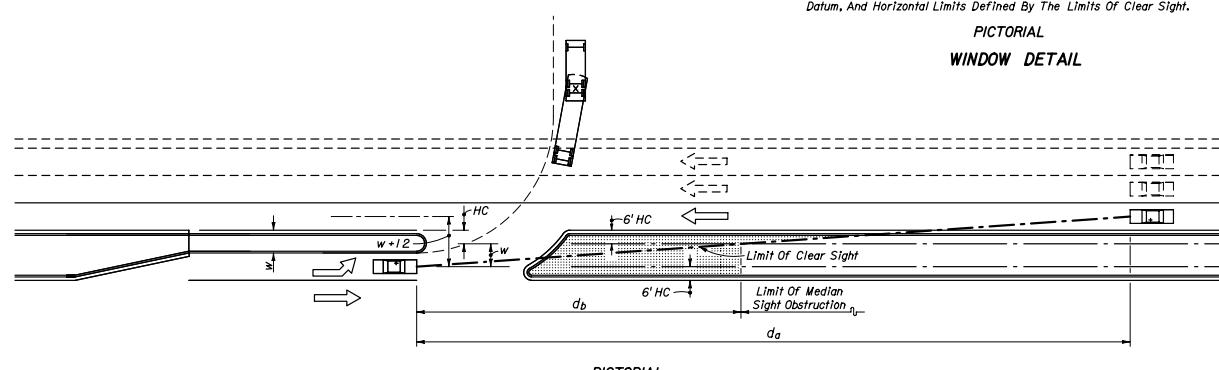




PICTORIAL
ORIGIN OF CLEAR SIGHT LINE
ON MINOR ROAD



PERCEPTION DIAGRAM
SETTING SABAL PALM (STATE TREE) SPACING



PICTORIAL

d _a (Feet)						
Design Speed MPH	1 Lane Crossed		2 Lanes Crossed		3 Lanes Crossed	
	P	SU Comb.	P	SU Comb.	P	SU Comb.
30	245	285	330	265	320	360
35	285	335	385	310	370	420
40	325	380	440	355	425	480
45	365	430	495	395	475	540

* See Note.

CHANNELIZED DIRECTIONAL MEDIAN OPENINGS

* The d_a values in this table were established by the method referenced in Design Note 2, and are applicable to urban, predominantly curbed roadways with design speeds of 45 mph or less and meeting the restricted conditions defined in Index No. 700. For horizontal clearance (HC) of six feet (6'), the values for d_b may be determined by the equation d_b = d_a (w/(w+12)). For roadways with nonrestricted conditions, d_a and d_b should be based on the geometry for the left turn storage and on clear zone widths (See Index No. 700).



Curb-Side Guidelines - Bus Stop Shelters
from
Accessing Transit:
Design Handbook for Florida Bus Passenger Facilities

Accessing Transit: Design Handbook for Florida Bus Passenger Facilities

Report Prepared for:

**Florida Department
of Transportation
Public Transit Office**

By:

**Florida Planning and Development Lab
Department of Urban and Regional Planning
Florida State University**

July 2008





Fig 1.23 | Cross-section of a small bus shelter with a leaning rail but no seating, with typical vertical dimensions.

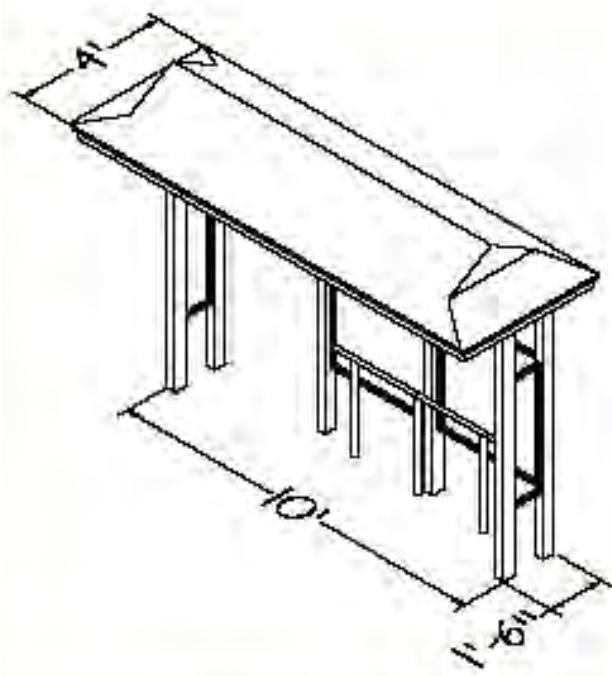


Fig 1.24 | Small bus shelter with a leaning rail but no seating shown in three dimensions. Plan view of the same bus shelter shown in Figure 1.22.

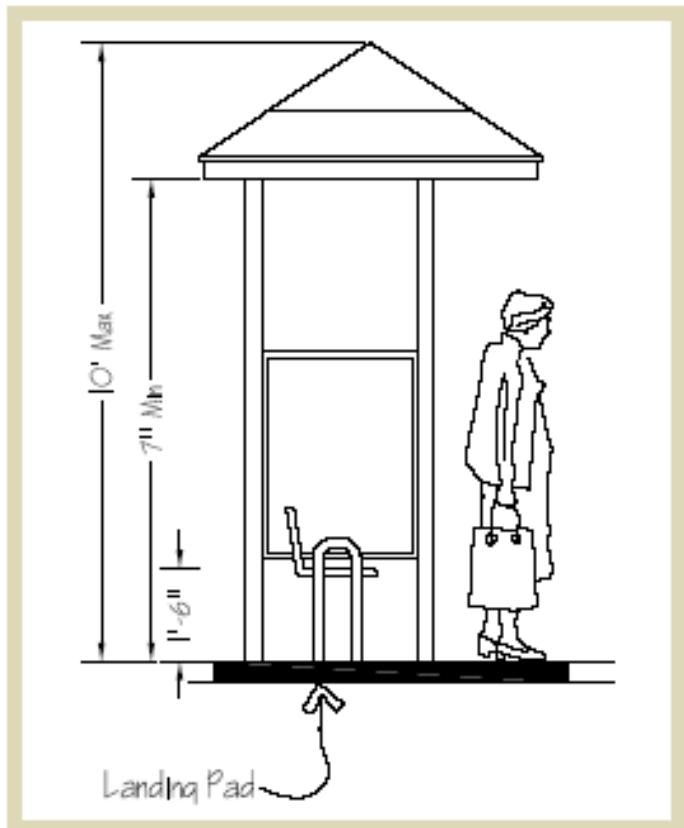


Fig 1.26 | Cross section of a small shelter with seating with typical vertical dimensions.

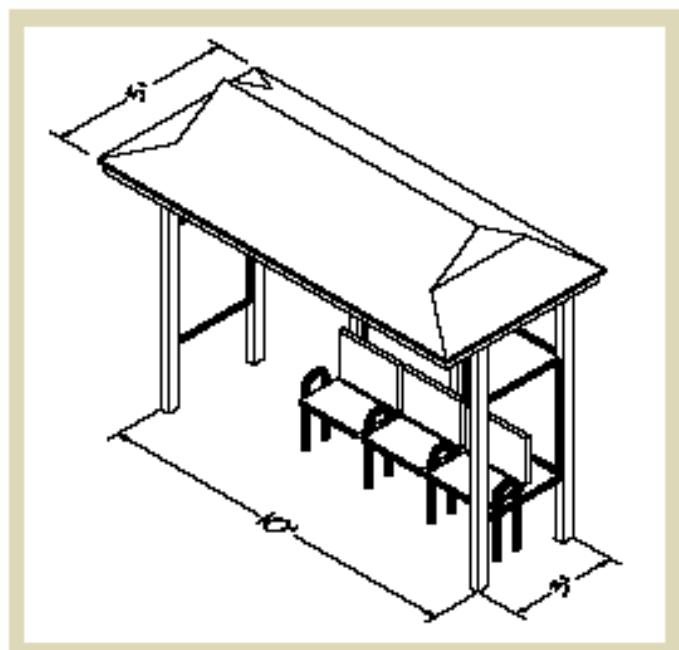


Fig 1.27 | Bus shelter with seating shown in three dimensions. Plan view of the same small bus shelter with a leaning rail shown in Figure 1.25.

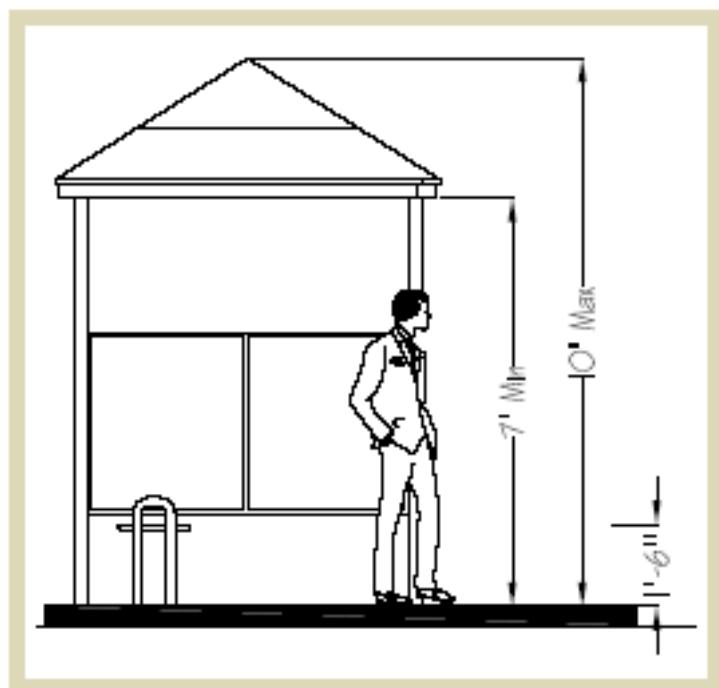


Fig 1.29 | Cross section of a mid-sized bus shelter, with typical vertical dimensions.

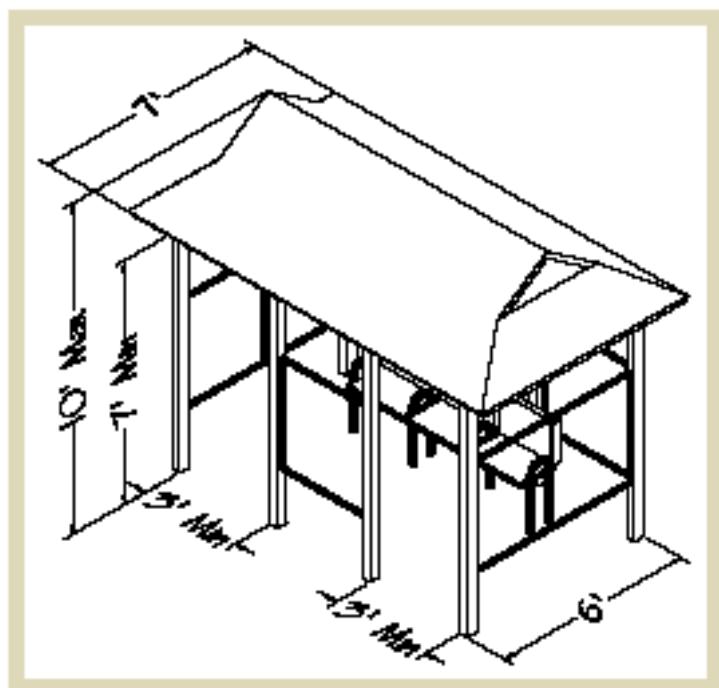


Fig 1.30 | Mid-sized bus shelter, shown in three dimensions.

Appendix C

MDT Metrobus Data

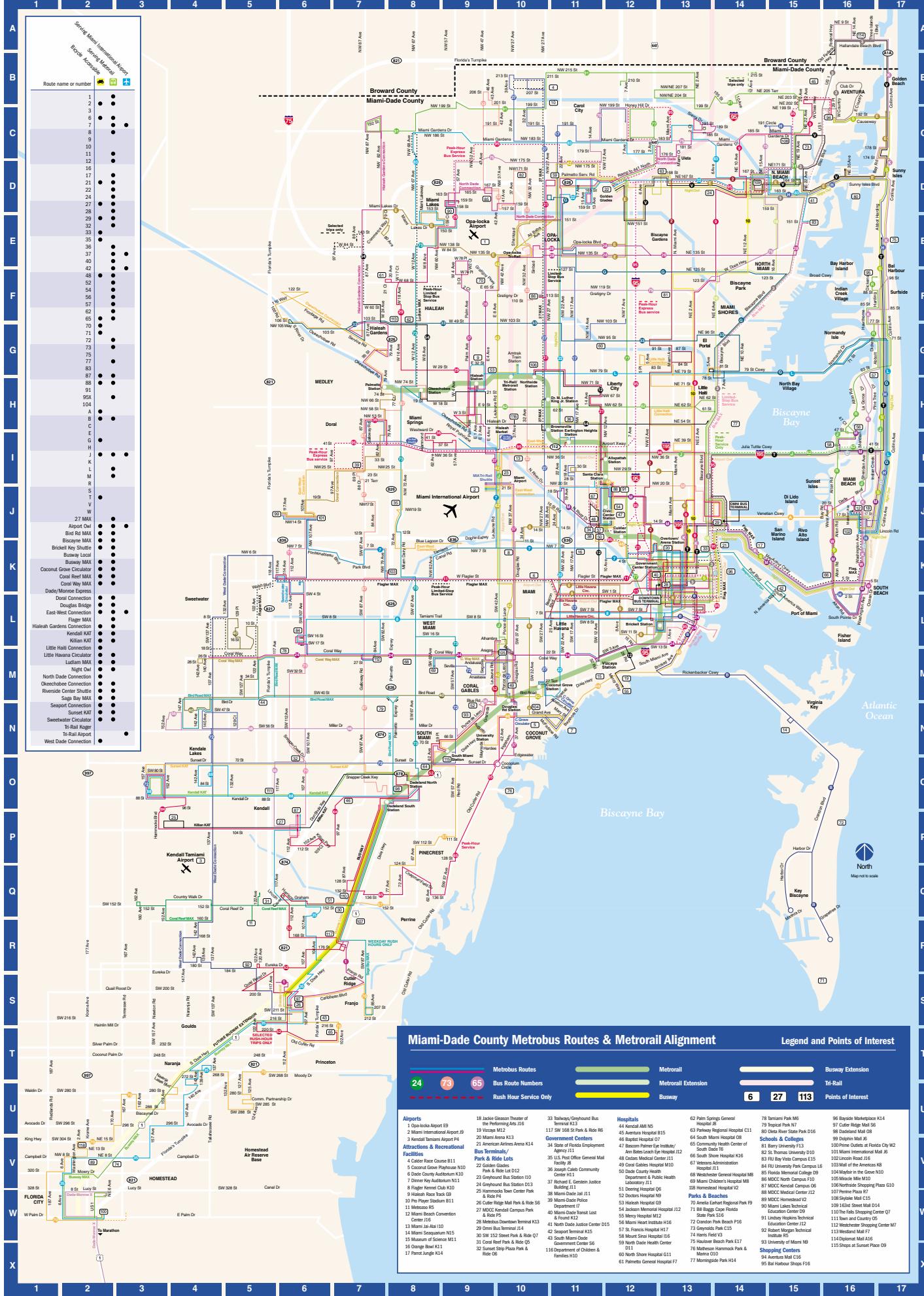
Database File List / Ridership by Routes / Bus Stop Activity

- **Miami Dade County Transit Map**
- **Metrobus Route Ridership Data**
- **Metrobus Boarding & Alighting Data Sample**

APPENDIX C
BUS STOP & SHELTER DATA FILES

FILE NAME	DESCRIPTION	# OF RECORDS	YEAR	SOURCE
CBOA_Dat.DBF/accdb	MDT METROBUS BOARDING/ALIGHTING DATA @ BUS STOPS(2004)	1,018,455	2004	MPO
Ibusstop.accdb	MDT METROBUS STOP LOCATIONS (2002 INVENTORY)	9,279	2002	MDT
	Shelter/No Shelter			
	ADA Accessible/Compliant			
North Miami Shelters - planned and existing	shelter location status w/in N. Miami existing-pending-planned	39	2009	NOM
School_Locations.dbf	MDCPS school locations - mapping	318	2007	MDCPS
parks/state_parks/nationalparkspreserves...	parks w/in Miami Dade County - mapping	various	2007	MDCP&R
Unincorporated Miami Dade County Bus Stops - Measurements.xls	FIELD DATA MEASUREMENTS @ BUS STOPS FOR SHELTER INSTALLATION		2004 - 05	MDT
8 ft or more	bus stops w/ > 8 ft of R-O-W available	795		
Site Plan Submitted 2007+	Bus Stops where Site plan was submitted to MDT since 2007	98		
Unincorporated Stops	all Bus Stops w/in unincorporated Miami Dade County	3,660		
Cutler Bay	Bus Stops w/in Town of Cutler Bay w Field Data	98		
Suzie Site List	Various Bus Stop Locations - Field Data Notes from Suzie (?)	1,454		
North Miami	Bus Stops w/in North Miami w Field Data	49		
CUEMUSA SHELTER LIST	bus stops w installed CEMUSA bus shelters	832		
CHART ALL	all bus Shelters w/in unincorp Miami Dade County & several municipalities	136		
Bus.mdb	Bus Stops w/in City of Miami limits w & w/o shelters	1,934	NA	MIA
City of Miami - List of Bus Shelters installed up to 12.09.2008	bus shelters installed w/in city limits	307	2009	MIA
Shelter_Wishlist	wishlist from commissioners & city staff	57	2008	MIA
BUSSTOPS_SHELTERS.dbf	bus shelters installed w/in city of Miami Beach	384	2008	MBC
2008-03_Ridership_Technical_Report.xls	Metrobus Ridership by Route - March 2008	112	2008	MDT
2008-05_Ridership_Technical_Report.xls	Metrobus Ridership by Route - May 2008	112	2008	MDT

***MIAMI DADE COUNTY
TRANSIT MAP***



METROBUS ROUTE RIDERSHIP DATA

METROBUS ROUTES
RIDERSHIP DATA

ROUTES	Average Weekday	Weekdays	Saturdays	Sundays	Total Monthly Boardings
1	1,712	35,951	4,688	4,460	45,099
2	3,215	67,525	10,082	5,467	83,074
3	8,094	169,964	45,119	33,991	249,073
6	1,009	21,192	3,892	2,884	27,969
7	4,357	91,496	16,646	13,694	121,836
8	7,877	165,425	29,100	15,182	209,707
9	6,525	137,033	19,520	15,002	171,555
10	3,038	63,794	9,922	8,182	81,898
11	14,057	295,204	63,235	49,713	408,152
12	3,526	74,037	9,174	8,410	91,621
16	4,219	88,604	14,066	9,273	111,942
17	4,984	104,673	24,553	10,812	140,038
21	2,005	42,105	6,627	6,736	55,468
22	4,964	104,237	14,218	8,365	126,820
24	3,643	76,494	12,181	16,516	105,191
27	9,480	199,090	34,598	21,149	254,837
28	1,577	33,126	2,385	2,251	37,763
29	1,243	26,099	-	-	26,099
32	4,225	88,719	5,777	6,845	101,341
33	2,167	45,503	15,542	3,459	64,504
35	2,760	57,966	10,886	10,047	78,899
36	3,105	65,208	8,058	7,404	80,671
37	3,890	81,697	17,318	-	99,014
40	2,530	53,138	9,096	6,396	68,630
42	1,421	29,836	5,539	3,835	39,209
48	715	15,017	-	-	15,017
52	2,013	42,271	6,504	5,334	54,109
54	3,573	75,030	15,006	11,039	101,075
56	852	17,898	-	-	17,898
57	890	18,695	-	-	18,695
62	4,906	103,029	21,723	12,291	137,042
65	355	7,448	-	-	7,448
70	1,914	40,189	4,197	2,873	47,259
71	1,444	30,315	4,082	2,680	37,077
72	1,013	21,283	4,237	-	25,520
73	169	3,548	5,963	3,486	12,998
75	3,905	82,002	6,583	1,665	90,250
77	11,307	237,455	36,973	20,089	294,516
82	56	1,183	-	-	1,183
83	4,125	86,627	8,484	12,149	107,260
87	2,128	44,682	3,972	2,217	50,871
88	3,234	67,917	11,773	8,553	88,243
91	1,301	27,312	3,212	2,442	32,966
99	982	20,616	2,742	1,720	25,078
104	1,744	36,628	5,709	3,218	45,555
123	5,987	125,728	24,688	26,169	176,585
136	288	6,040	-	-	6,040
344	347	7,283	-	-	7,283
132 DORAL	19	398	-	-	398
133-TRI-RAIL AIRPORT	108	2,274	1,008	286	3,568
137-WEST DADE CONN	2,212	46,457	7,668	4,716	58,841
147-KENDALL	171	3,596	-	-	3,596
183-183rd	1,450	30,441	4,907	2,703	38,051
202-LITTLE HAITI CONN	771	16,194	3,075	2,310	21,579
207(7st)-LITTLE HAVANA	1,747	36,684	-	-	36,684
207/208-LITTLE HAVANA	-	-	13,534	10,940	24,475
208(8st)-LITTLE HAVANA	2,006	42,134	-	-	42,134
211-OVERTOWN CIRC	429	9,002	3,715	-	12,717
212-SWEETWATER CONN	1,011	21,223	4,334	2,469	28,025

METROBUS ROUTES
RIDERSHIP DATA

ROUTES	Average Weekday	Weekdays	Saturdays	Sundays	Total Monthly Boardings
216-GOULD'S CONN	85	1,790	-	-	1,790
224-CORAL WAY MAX	382	8,020	-	-	8,020
238-EAST/WEST CONN	699	14,673	-	-	14,673
240-BIRD ROAD MAX	427	8,966	-	-	8,966
241-NORTH DADE CONN	116	2,436	-	-	2,436
242-DORAL CONN	366	7,684	-	-	7,684
243-SEAPORT CONN	164	3,435	-	-	3,435
245-OKEECHOBEE CONN	104	2,190	-	-	2,190
246-NIGHT OWL	517	10,860	3,050	3,052	16,962
248-BRICKELL KEY	660	13,862	-	-	13,862
249-COCONUT GROVE	2,577	54,109	12,999	13,886	80,994
252-CORAL REEF	1,415	29,709	3,805	1,625	35,139
254-BROWNSVILLE CIRC	414	8,695	-	-	8,695
267-LUDLAM	476	9,995	-	-	9,995
277-7Th AVENUE	1,320	27,719	-	-	27,719
278-FLAGAMI	255	5,361	-	-	5,361
282-HIALEAH GARDENS	510	10,717	-	-	10,717
287-SAGA BAY	448	9,412	-	-	9,412
31-BUSWAY LOCAL	1,802	37,840	7,472	5,939	51,251
34-BUSWAY FLYER	2,201	46,219	-	-	46,219
37/72	-	-	-	20,596	20,596
38/500-BWMX/MIDN	6,589	138,368	31,015	24,990	194,373
41-AIRPORT WEST	1,645	34,550	3,621	3,134	41,305
46-LIBERTY CITY CONNECTOR	283	5,953	-	-	5,953
51-FLAGLER MAX	4,978	104,532	-	-	104,532
68-GRATINY CONN	2,504	52,584	-	-	52,584
93-BISCAYNE MAX	3,441	72,263	-	-	72,263
95-EXPRESS	1,832	38,469	-	-	38,469
97-27 MAX	1,319	27,704	-	-	27,704
A	597	12,528	2,981	2,128	17,638
B	2,083	43,749	7,810	6,852	58,412
C	3,850	80,842	23,098	18,890	122,830
E	1,840	38,650	3,983	2,447	45,080
G	3,509	73,698	13,927	11,740	99,365
GREEN HILLS SHUTTLE	6	23	-	-	23
H	5,125	107,625	27,730	16,911	152,265
J	5,861	123,080	18,357	13,226	154,663
K	4,653	97,712	17,193	15,920	130,824
KAT-KENDALL	806	16,933	-	-	16,933
KAT-KILLIAN	2,209	46,396	-	-	46,396
KAT-SUNSET	1,112	23,354	-	-	23,354
KINGS CREEK SHUTTLE	8	30	-	-	30
L	11,362	238,609	51,063	33,633	323,305
M	1,435	30,138	4,630	2,997	37,766
R	513	10,782	-	-	10,782
ROBERT SHARPE SHUTTLE	7	14	-	-	14
S	13,256	278,378	64,682	55,364	398,424
SIERRA LAKES SHUTTLE	8	32	-	-	32
Special Park n Ride	-	13,506	378	1,128	15,012
T	2,000	41,997	5,917	3,826	51,740
V	320	6,728	-	-	6,728
TOTALS	2,328	62,263	6,295	4,954	73,512

TOP 20 RIDERSHIP

METROBUS ROUTES
RIDERSHIP DATA

ROUTES	Weekday	Weekdays	Saturdays	Sundays	Boardings
1	1,784	37,468	4,858	2,760	45,086
2	3,394	71,266	10,360	5,457	87,082
3	7,944	166,824	45,462	33,281	245,567
6	1,103	23,155	4,187	2,921	30,264
7	4,632	97,274	18,173	12,280	127,727
8	7,677	161,220	21,298	17,774	200,292
9	6,850	143,841	19,419	17,215	180,476
10	2,888	60,655	12,097	7,945	80,697
11	15,161	318,385	54,864	42,874	416,123
12	3,751	78,771	10,787	7,923	97,481
16	4,356	91,468	12,861	9,866	114,196
17	5,516	115,833	24,838	12,297	152,968
21	2,120	44,530	7,810	5,804	58,143
22	5,326	111,851	14,600	9,702	136,153
24	3,952	82,987	10,742	10,912	104,641
27	9,604	201,692	39,052	22,971	263,715
28	1,513	31,778	2,780	2,323	36,881
29	1,238	26,008	-	-	26,008
32	4,571	95,984	6,596	6,324	108,904
33	2,104	44,177	17,291	3,730	65,198
35	3,047	63,978	10,649	8,644	83,271
36	3,059	64,245	9,205	8,267	81,717
37	4,133	86,783	17,096	-	103,879
40	2,720	57,124	8,742	6,132	71,997
42	1,485	31,177	5,393	3,967	40,537
48	672	14,116	-	-	14,116
52	2,230	46,839	5,237	5,593	57,669
54	3,755	78,856	19,097	10,747	108,700
56	845	17,747	-	-	17,747
57	817	17,148	-	-	17,148
62	5,116	107,438	20,755	11,826	140,018
65	406	8,534	-	-	8,534
70	2,012	42,258	4,608	4,052	50,919
71	1,297	27,240	3,442	1,825	32,507
72	1,068	22,429	3,996	-	26,425
73	2,669	56,041	5,924	3,301	65,266
75	3,931	82,552	5,234	1,720	89,506
77	11,328	237,887	40,499	22,756	301,142
82	54	1,135	-	-	1,135
83	4,286	89,999	9,538	12,587	112,123
87	2,116	44,435	3,496	2,918	50,848
88	3,171	66,583	10,765	7,535	84,882
91	1,343	28,208	2,988	2,305	33,501
99	1,066	22,390	2,618	2,457	27,465
104	1,791	37,608	4,602	3,544	45,754
123	6,176	129,687	29,272	19,161	178,121
132	23	476	-	-	476
136	350	7,355	-	-	7,355
344	408	8,576	-	-	8,576
133 TRI-RAIL AIRPORT	90	1,887	224	708	2,819
137-WEST DADE CONN	2,121	44,541	8,034	4,925	57,500
147-KENDALL	163	3,418	-	-	3,418
183-183rd ST MAX	1,410	29,608	4,589	3,126	37,323
202-LITTLE HAITI CONN	769	16,143	3,390	2,249	21,783
207(7st)-LITTLE HAVANA CIRC	1,934	40,615	-	-	40,615
207/208-LITTLE HAVANA CIRC	-	-	14,551	9,671	24,223
208(8st)-LITTLE HAVANA CIRC	2,002	42,039	-	-	42,039
211-OVERTOWN CIRC	539	11,314	663	-	11,977
212-SWEETWATER CONN	1,506	31,633	1,887	2,700	36,219

METROBUS ROUTES
RIDERSHIP DATA

ROUTES	Weekday	Weekdays	Saturdays	Sundays	Boardings
216-GOULD'S CONN	78	1,637	-	-	1,637
224-CORAL WAY MAX	441	9,271	-	-	9,271
238-EAST/WEST CONN	679	14,258	-	-	14,258
240-BIRD RD MAX	437	9,182	-	-	9,182
241-NORTH DADE CONN	107	2,254	-	-	2,254
242-DORAL CONN	458	9,617	-	-	9,617
243-SEAPORT CONN	176	3,706	-	-	3,706
245-OKEECHOBEE CONN	143	3,006	-	-	3,006
246-NIGHT OWL	437	9,183	2,968	2,378	14,530
248-BRICKELL KEY	743	15,596	-	-	15,596
249-COCONUT GROVE	4,059	85,236	17,502	11,697	114,434
252-CORAL REEF	1,491	31,302	3,089	1,675	36,066
254-BROWNSVILLE CIRC	678	14,235	-	-	14,235
267-LUDLAM MAX	490	10,290	-	-	10,290
277-7TH AVE MAX	1,454	30,524	-	-	30,524
278-FLAGAMI MAX	198	4,162	-	-	4,162
282-HIALEAH GARDENS	531	11,161	-	-	11,161
287-SAGA BAY	490	10,286	-	-	10,286
31-BUSWAY	2,013	42,273	7,989	4,458	54,721
34-BUSWAY	2,351	49,370	-	-	49,370
37/72	-	-	-	17,094	17,094
38/500-BWMX/MIDN	6,767	142,112	27,495	26,458	196,066
41-AIRPORT	1,685	35,378	4,048	2,440	41,865
46-LIBERTY CITY	312	6,548	-	-	6,548
51-FLAGLER	4,633	97,300	-	-	97,300
68-GRATINY	180	3,786	-	-	3,786
93 BISCAYNE MAX	3,468	72,826	--	-	72,826
95-EXPRESS	1,935	40,640	-	-	40,640
97-27 MAX	1,339	28,122	--	-	28,122
A	567	11,914	2,792	2,418	17,124
B	2,040	42,840	6,688	6,399	55,927
C	3,696	77,619	23,106	16,127	116,852
E	1,869	39,247	3,914	2,911	46,071
G	3,518	73,880	14,842	12,955	101,676
GREEN HILLS	5	20	-	-	20
H	4,805	100,901	27,805	18,876	147,582
J	5,914	124,202	21,320	14,748	160,269
K	4,575	96,066	18,327	16,938	131,332
KAT-KENDALL	829	17,409	-	-	17,409
KAT-KILLIAN	2,176	45,694	-	-	45,694
KAT-SUNSET	1,131	23,746	-	-	23,746
KINGS CREEK	6	32	-	-	32
L	10,958	230,113	49,151	34,948	314,212
M	1,474	30,956	3,503	3,194	37,652
R	539	11,311	-	-	11,311
ROBERT SHARPE	7	7	-	-	7
S	11,956	251,071	53,270	56,776	361,117
SIERRA LAKES	8	33	-	-	33
Special PARK N RIDE	-	2,945	230	195	3,370
T	1,964	41,252	4,827	3,942	50,021
V	317	6,667	-	-	6,667
TOTALS	273,520	5,746,394	887,431	653,701	7,287,526

TOP 20 RIDERSHIP ROUTES

***METROBUS BOARDING & ALIGHTING
DATA SAMPLE***

APPENDIX C
MDT BUS STOP BOARDING (ONS)/ALIGHTINGS (OFFS) SURVEY DATA

(SAMPLE DATA FOR NINE (9) LOCATIONS PROVIDED - FILE IS EXTREMELY LARGE (>1,000,000 ENTRIES) - PLEASE NOTE COLUMNS WERE CONTINUED IN LOWER ROWS)

ID	ROUTE	DIR	PATTERN	PAT_USED	STOP SEQ	BUSNO	BLKNO	RUN	BUS SIZE	GIS ID	
6	11	EB	1, 2	EB2	60	9990	19	3068	Regular Bus	SWT-0001.0100	(continued in rows below)
7	11	EB	1, 2	EB2	70	9990	19	3068	Regular Bus	SWT-0011.0000	
93	11	EB	1, 2, 3	EB2	930	4008	13	3062	Articulated Bus	MIA-0061.0000	
94	11	WB	1, 2, 3	WB2	10	4008	13	3062	Articulated Bus	MIA-0061.0000	
95	11	WB	1, 2, 3	WB2	20	4008	13	3062	Articulated Bus	MIA-2513.0000	
96	11	WB	1, 2, 3	WB2	30	4008	13	3062	Articulated Bus	MIA-2514.0000	
97	11	WB	1, 2, 3	WB2	40	4008	13	3062	Articulated Bus	MIA-2515.0000	
98	11	WB	1, 2, 3	WB2	50	4008	13	3062	Articulated Bus	MIA-2516.0000	
99	11	WB	1, 2, 3	WB2	60	4008	13	3062	Articulated Bus	MIA-2517.0000	

ID	DIST	STOP NUM	LOCATION	MAIN_STR	CROSS STR	TRAVEL DIR	CORNER LOC	ONS	OFFS	ONOFF	
6	SW	1.0100	SW 107 AV/SW 4 ST	SW 107 AV	SW 4 ST	N	F	1	0	1	(continued in rows below)
7	SW	11.0000	W FLAGLER ST/SW 107 AV	W FLAGLER ST	SW 107 AV	E	F	12	1	11	
93	M	61.0000	NW 1 ST/NW 1 AV	NW 1 ST	NW 1 AV	W	M	0	0	0	
94	M	61.0000	NW 1 ST/NW 1 AV	NW 1 ST	NW 1 AV	W	M	14	0	14	
95	M	2513.0000	W FLAGLER ST/NW 6 AV	W FLAGLER ST	NW 6 AV	W	N	2	0	2	
96	M	2514.0000	W FLAGLER ST/NW 7 AV	W FLAGLER ST	NW 7 AV	W	N	0	0	0	
97	M	2515.0000	W FLAGLER ST/NW 8 AV	W FLAGLER ST	NW 8 AV	W	F	2	1	1	
98	M	2516.0000	W FLAGLER ST/NW 9 AV	W FLAGLER ST	NW 9 AV	W	F	4	0	4	
99	M	2517.0000	W FLAGLER ST/NW 10 AV	W FLAGLER ST	NW 10 AV	W	F	3	0	3	

ID	LOAD	S_DAY	S_DATE	LV_GAR	AR_GAR	ARR TIME	DEP TIME	AUTO VOICE	DRV SHFT	WEATHER
6	8	WED	2/4/2004	0734	2136	1048	1048	Y		Sunny
7	19	WED	2/4/2004	0734	2136			Y		Sunny
93	34	WED	2/4/2004	0637	0916			N		
94	14	WED	2/4/2004	0637	0916	0758	0800	N		Sunny
95	16	WED	2/4/2004	0637	0916			N		Sunny
96	16	WED	2/4/2004	0637	0916			N		Sunny
97	17	WED	2/4/2004	0637	0916			N		Sunny
98	21	WED	2/4/2004	0637	0916			N		Sunny
99	24	WED	2/4/2004	0637	0916			N		Sunny

Source: Miami Dade Transit

Appendix D

RESULTS OF FILTER APPLICATION

- **Bus Stops with Preliminary Filters Applied**
- **Bus Stops with All Filters Applied**
(Prior to Applying Threshold to Limit List of Sites for Field Investigation)

***RESULTING LIST OF BUS STOPS
PRELIMINARY FILTERS APPLIED***

**PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
AVT-0002.0000	AVT	BISCAYNE BD	# 21280
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0003.0000	AVT	BISCAYNE BD	NE 209 ST
AVT-0007.0100	AVT	BISCAYNE BD	# 19000
AVT-0011.0000	AVT	BISCAYNE BD	NE 180 ST
AVT-0013.0000	AVT	BISCAYNE BD	NE 178 ST(POINT EAST)
AVT-0015.0000	AVT	BISCAYNE BD	NE 180 ST
AVT-0016.0000	AVT	BISCAYNE BD	NE 182 ST
AVT-0017.0000	AVT	BISCAYNE BD	NE 183 ST
AVT-0018.0000	AVT	BISCAYNE BB	NE 186 ST
AVT-0019.0000	AVT	BISCAYNE BD	NE 187 ST
AVT-0021.0000	AVT	BISCAYNE BD	NE 191 ST
AVT-0026.0000	AVT	BISCAYNE BD	NE 209 ST
AVT-0027.0000	AVT	BISCAYNE BD	NE 211 ST
AVT-0028.0000	AVT	BISCAYNE BD	NE 213 ST
AVT-0038.0000	AVT	NE 29 PL	AVENTURA BD
AVT-0040.0000	AVT	W COUNTRY CLUB DR	AVENTURA BD
AVT-0053.0000	AVT	W COUNTRY CLUB DR	TURNBERRY ISLE RESOR
AVT-0065.0000	AVT	AVENTURA BD	# 2900(FIRE STATION)
AVT-0067.0000	AVT	AVENTURA BD	199st
AVT-0069.0000	AVT	AVENTURA BD	# 2845
AVT-0069.0500	AVT	AVENTURA BD	BISCAYNE BD
AVT-1000.0000	AVT	AVENTURA MALL	FOOD COURT ENTRANCE
BCO-0004.0000	BCO	OCEAN BD	# 1920
BCO-0005.0000	BCO	OCEAN BD	# 1880
BCO-0007.0000	BCO	OCEAN BD	# 1865
BCO-0008.0000	BCO	OCEAN BD	# 1913
BCO-0010.0000	BCO	OCEAN BD	# 2091
BCO-0011.0000	BCO	OCEAN BD	# 3181
BCO-0013.0000	BCO	S FEDERAL HY	SE 7 ST
BCO-0015.0000	BCO	S FEDERAL HY	HALLANDALE BEACH BD
BCO-0016.0000	BCO	S FEDERAL HY	SE 3 ST
BCO-0017.0100	BCO	S FEDERAL HY	SE 9 ST
BCO-0018.0000	BCO	NE 14 AV	HALLANDALE BEACH BD
BCO-0109.0000	BCO	HALLANDALE BEACH BD	THREE ISLAND BD
BCO-0113.0000	BCO	HALLANDALE BEACH BD	NE 12 AV
BCO-0114.0000	BCO	HALLANDALE BEACH BD	NE 10 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
BCO-0118.0000	BCO	HALLANDALE BEACH BD	SE 16 AV
BCO-0120.0000	BCO	HALLANDALE BEACH BD	DIPLOMAT PY
BCO-0121.0000	BCO	HALLANDALE BEACH BD	THREE ISLANDS BD
BCO-0300.0000	BCO	THREE ISLAND BD	WALMART
BHA-0004.0000	BHA	COLLINS AV	# 10225
CGB-0059.0000	CGB	SW 42 AV	MADEIRA AV
CGB-0060.0000	CGB	SW 42 AV	NAVARRE AV
CGB-0060.0100	CGB	SW 42 AV	GIRALDA AV
CGB-0061.0000	CGB	SW 42 AV	CORAL WY
CGB-0062.0000	CGB	SW 42 AV	ANDALUSIA AV
CGB-0063.0000	CGB	SW 42 AV	ALMERIA AV
CGB-0064.0000	CGB	SW 42 AV	SEVILLA AV
CGB-0065.0000	CGB	SW 42 AV	MALAGA AV
CGB-0066.0000	CGB	SW 42 AV	UNIVERSITY DR
CGB-0067.0000	CGB	SW 42 AV	CAMILO AV
CGB-0091.0000	CGB	SW 42 AV	VISCAYA AV
CGB-0092.0000	CGB	SW 42 AV	CADIMA AV
CGB-0093.0000	CGB	SW 42 AV	CAMILO AV
CGB-0094.0000	CGB	SW 42 AV	UNIVERSITY DR
CGB-0097.0000	CGB	SW 42 AV	ALMERIA AV
CGB-0098.0000	CGB	SW 42 AV	ANDALUSIA AV
CGB-0098.0100	CGB	SW 42 AV	CORAL WY
CGB-0099.0100	CGB	SW 42 AV	ALCAZAR
CGB-0100.0000	CGB	SW 42 AV	NAVARRE AV
CGB-0501.0000	CGB	SW 8 ST	GALIANO ST
CGB-0505.0000	CGB	SW 8 ST	COUNTRY CLUB PRADO
CGB-0506.0000	CGB	SW 8 ST	LISBON ST
CGB-0508.0000	CGB	SW 8 ST	GENOA ST
CGB-0509.0000	CGB	SW 8 ST	WALLACE ST
CGB-0510.0000	CGB	SW 8 ST	GRANADA BD
CGB-0511.0000	CGB	SW 8 ST	MONTEREY ST
CGB-0512.0000	CGB	SW 8 ST	SANTIAGO ST
CGB-0512.0500	CGB	SW 8 ST	PONCE DE LEON BD
CGB-0513.0000	CGB	SW 8 ST	GALIANO ST
CGB-0604.0150	CGB	SW 40 ST	SW 42 AV
CGB-0604.0300	CGB	SW 40 ST	PONCE DE LEON BD
CGB-0606.0000	CGB	SW 40 ST	SALZEDO ST
ELP-0001.0000	ELP	NE 2 AV	NE 86 ST
ELP-0002.0000	ELP	NE 2 AV	NE 88 ST
ELP-0003.0000	ELP	NE 2 AV	NE 90 ST
ELP-0005.0000	ELP	NE 2 AV	NE 88 ST
FLC-0002.0000	FLC	NW 6 AV	NW 14 ST
FLC-0004.0100	FLC	NW 6 AV	NW 4 ST

**PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
FLC-0009.0000	FLC	NW 6 AV	NW 11 ST
HIA-0011.0000	HIA	E 8 AV	E 9 ST
HIA-0117.0000	HIA	E 1 AV	E 5 ST
HIA-0118.0000	HIA	E 1 AV	E 7 ST
HIA-0120.0000	HIA	E 1 AV	E 8 ST
HIA-0151.0000	HIA	PALM AV	W 8 ST
HIA-0157.0000	HIA	PALM AV	E 25 ST
HIA-0158.0000	HIA	PALM AV	E 27 ST
HIA-0159.0000	HIA	PALM AV	W 29 ST
HIA-0530.0000	HIA	E 9 ST	E 3 AV
HIA-0531.0000	HIA	E 9 ST	E 4 AV
HIA-0533.0000	HIA	E 9 ST	E 6 AV
HIA-0534.0000	HIA	E 9 ST	E 7 AV
HIA-0543.0100	HIA	E 9 ST	E 7 AV
HIA-0546.0000	HIA	E 9 ST	E 4 AV
HIA-0547.0000	HIA	E 9 ST	E 3 AV
HIA-0548.0000	HIA	E 9 ST	E 2 AV
HIA-0572.0000	HIA	E 21 ST	E 1 AV
HIA-0586.0000	HIA	E 25 ST	E 6 AV
HIA-0587.0000	HIA	E 25 ST	E 7 AV
HIA-0588.0000	HIA	E 25 ST	E 8 AV
HIA-0589.0000	HIA	E 25 ST	E 9 AV
HIA-0590.0000	HIA	E 25 ST	E 10 AV
HIA-0593.0000	HIA	E 25 ST	E 10 AV
HIA-0594.0000	HIA	E 25 ST	E 9 AV
HIA-0596.0000	HIA	E 25 ST	E 7 AV
HIA-0597.0000	HIA	E 25 ST	E 6 AV
HIA-0598.0000	HIA	E 25 ST	E 5 AV
HIA-0624.0000	HIA	E 32 ST	PALM AV
HIA-0624.0100	HIA	E 32 ST	E 2 AV
HIA-0625.0000	HIA	E 32 ST	E 4 AV
HIA-1001.0000	HIA	HIALEAH STA	115 E 21 ST
HOM-0024.0000	HOM	SW 6 AV	SW 4 ST
HOM-0025.0000	HOM	SW 6 AV	SW 6 ST
HOM-0027.0000	HOM	SW 6 AV	SW 6 ST
HOM-0028.0000	HOM	SW 6 AV	SW 4 ST
HOM-0028.0100	HOM	SW 6 AV	W MOWRY DR
MBC-0002.0000	MBC	COLLINS AV	17 ST
MBC-0003.0000	MBC	COLLINS AV	18 ST
MBC-0003.0100	MBC	COLLINS AV	20 ST
MBC-0006.0000	MBC	COLLINS AV	24 ST
MBC-0007.0000	MBC	COLLINS AV	26 ST
MBC-0008.0000	MBC	COLLINS AV	27 ST
MBC-0009.0000	MBC	COLLINS AV	29 ST
MBC-0019.0000	MBC	COLLINS AV	44 ST
MBC-0020.0000	MBC	COLLINS AV	# 4525
MBC-0022.0000	MBC	COLLINS AV	# 4833
MBC-0023.0100	MBC	COLLINS AV	# 5005
MBC-0025.0000	MBC	COLLINS AV	# 5225

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MBC-0026.0000	MBC	COLLINS AV	# 5313
MBC-0027.0000	MBC	COLLINS AV	# 5401
MBC-0029.0000	MBC	COLLINS AV	# 5555
MBC-0031.0000	MBC	COLLINS AV	# 5775
MBC-0033.0000	MBC	COLLINS AV	63 ST
MBC-0034.0000	MBC	COLLINS AV	# 6365
MBC-0036.0000	MBC	COLLINS AV	65 ST
MBC-0054.0000	MBC	HARDING AV	77 ST
MBC-0056.0000	MBC	HARDING AV	74 ST
MBC-0066.0000	MBC	COLLINS AV	# 5400
MBC-0069.0000	MBC	COLLINS AV	OP # 5025
MBC-0070.0000	MBC	COLLINS AV	4900 BLK
MBC-0086.0000	MBC	COLLINS AV	24 ST
MBC-0087.0000	MBC	COLLINS AV	23 ST
MBC-0090.0000	MBC	COLLINS AV	19 ST
MBC-0091.0000	MBC	COLLINS AV	18 ST
MBC-0092.0000	MBC	COLLINS AV	17 ST
MBC-0095.0000	MBC	WASHINGTON AV	2 ST
MBC-0096.0000	MBC	WASHINGTON AV	4 ST
MBC-0097.0000	MBC	WASHINGTON AV	5 ST
MBC-0099.0000	MBC	WASHINGTON AV	8 ST
MBC-0100.0000	MBC	WASHINGTON AV	9 ST
MBC-0101.0000	MBC	WASHINGTON AV	11 ST
MBC-0103.0000	MBC	WASHINGTON AV	13 ST
MBC-0104.0000	MBC	WASHINGTON AV	14 ST
MBC-0105.0000	MBC	WASHINGTON AV	15 ST
MBC-0106.0000	MBC	WASHINGTON AV	16 ST
MBC-0107.0000	MBC	WASHINGTON AV	LINCOLN RD
MBC-0138.0000	MBC	LA GORCE DR	59 ST
MBC-0144.0000	MBC	LA GORCE DR	51 ST
MBC-0163.0000	MBC	WASHINGTON AV	15 ST
MBC-0164.0000	MBC	WASHINGTON AV	14 ST
MBC-0167.0500	MBC	WASHINGTON AV	9 ST
MBC-0168.0500	MBC	WASHINGTON AV	8 ST
MBC-0173.0000	MBC	WASHINGTON AV	2 ST
MBC-0190.0000	MBC	MERIDIAN AV	18 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MBC-0229.0000	MBC	ALTON RD	6 ST
MBC-0231.0100	MBC	ALTON RD	9 ST
MBC-0295.0000	MBC	ALTON RD	15 ST
MBC-0297.0000	MBC	ALTON RD	13 ST
MBC-0300.0000	MBC	ALTON RD	9 ST
MBC-0302.0000	MBC	ALTON RD	6 ST
MBC-0314.0000	MBC	HAWTHORNE AV	77 ST
MBC-0316.0000	MBC	HAWTHORNE AV	80 ST
MBC-0317.0000	MBC	HAWTHORNE AV	82 ST
MBC-0317.0500	MBC	HAWTHORN	83 ST
MBC-0319.0500	MBC	HAWTHORN AV	83 ST
MBC-0323.0000	MBC	SOUTH POINTE DR	WASHINGTON AV
MBC-0332.0000	MBC	MAC ARTHUR CY	TERMINAL ISLE
MBC-0343.0000	MBC	LINCOLN RD	WASHINGTON AV
MBC-0344.0000	MBC	LINCOLN RD	WASHINGTON AV
MBC-0348.0100	MBC	17 ST	MICHIGAN AV
MBC-0349.0000	MBC	17 ST	LENOX AV
MBC-0350.0000	MBC	17 ST	LENOX AV
MBC-0351.0000	MBC	17 ST	MICHIGAN AV
MBC-0352.0000	MBC	17 ST	JEFFERSON AV
MBC-0353.0000	MBC	17 ST	MERIDIAN AV
MBC-0369.0000	MBC	41 ST	INDIAN CREEK DR
MBC-0370.0000	MBC	41 ST	PINE TREE DR
MBC-0371.0000	MBC	41 ST	SHERIDAN AV
MBC-0375.0000	MBC	41 ST	MERIDIAN AV
MBC-0382.0000	MBC	41 ST	SHERIDAN AV
MBC-0383.0000	MBC	41 ST	PINETREE DR
MBC-0384.0000	MBC	41 ST	COLLINS AV
MBC-0390.0000	MBC	63 ST	INDIAN CREEK DR
MBC-0394.0000	MBC	71 ST	RUE BORDEAUX
MBC-0395.0000	MBC	71 ST	RUE NOTRE DAME
MBC-0399.0000	MBC	71 ST	ABBOTT AV
MBC-0401.0000	MBC	71 ST	BYRON AV
MBC-0404.0000	MBC	NORMANDY DR	BAY DR
MBC-0410.0000	MBC	72 ST	HARDING AV
MBC-0410.0070	MBC	73 ST	HARDING AV
MBC-0410.0100	MBC	77 ST	COLLINS AV
MBC-0416.0000	MBC	77 ST	ABBOTT AV
MBC-0444.0000	MBC	85 ST	CRESPI BD
MBC-0446.0000	MBC	85 ST	HARDING AV
MBC-0449.0000	MBC	85 ST	#755
MD1-0053.0000	MD1	US 1	SW 272 ST
MD1-0056.0000	MD1	US 1	SW 268 ST
MD1-0224.0000	MD1	SW 112 AV	SW 216 ST
MD1-0683.0000	MD1	SW 216 ST	SW 113 AV
MD1-1007.0000	MD1	DADELAND SOUTH STA	9150 DADELAND BD
MD1-2016.0000	MD1	BUSWAY	SW 112 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD2-0058.0050	MD2	SW 107 AV	SW 14 ST
MD2-0088.0000	MD2	SW 107 AV	SW 24 ST
MD2-0092.0000	MD2	SW 107 AV	# 917 (NTW TIRE)
MD2-0126.0170	MD2	SW 122 AV	SW 10 ST
MD2-0126.0300	MD2	SW 122 AV	SW 16 TE
MD2-0126.0400	MD2	SW 122 AV	SW 20 TE
MD2-0132.0650	MD2	SW 122 AV	SW 22 ST
MD2-0132.0700	MD2	SW 122 AV	SW 20 TE
MD2-0132.0800	MD2	SW 122 AV	SW 18 ST
MD2-0155.0200	MD2	SW 132 AV	SW 13 ST
MD2-0155.0300	MD2	SW 132 AV	SW 18 ST
MD2-0174.0050	MD2	SW 137 AV	SW 18 ST
MD2-0174.0060	MD2	SW 137 AV	SW 22 ST
MD2-0189.0400	MD2	SW 137 AV	SW 26 ST
MD2-0189.0450	MD2	SW 137 AV	SW 22 ST
MD2-0189.0500	MD2	SW 137 AV	SW 18 ST
MD2-0189.0600	MD2	SW 137 AV	SW 12 ST
MD2-0522.0200	MD2	SW 18 ST	SW 137 AV
MD2-0524.0000	MD2	SW 24 ST	SW 88 AV
MD2-0535.0000	MD2	SW 24 ST	SW 103 PL
MD2-0540.0000	MD2	SW 24 ST	SW 107 AV
MD2-0546.0000	MD2	SW 24 ST	SW 99 AV
MD2-0547.0000	MD2	SW 24 ST	SW 97 AV
MD2-0551.0000	MD2	SW 24 ST	SW 89 AV
MD2-0552.0000	MD2	SW 24 ST	SW 88 AV
MD3-0108.0000	MD3	SW 42 AV	SW 8 ST
MD3-0110.0000	MD3	SW 42 AV	SW 13 TE
MD3-0111.0000	MD3	SW 42 AV	SW 15 ST
MD3-0112.0000	MD3	SW 42 AV	SW 16 TE
MD3-0114.0000	MD3	SW 42 AV	SW 13 ST
MD3-0115.0000	MD3	SW 42 AV	SW 10 ST
MD3-0262.0000	MD3	SW 82 AV	SW 12 ST
MD3-0264.0200	MD3	SW 82 AV	SW 17 ST
MD3-0264.0400	MD3	SW 82 AV	SW 20 ST
MD3-0264.0600	MD3	SW 82 AV	# 2200
MD3-0273.0200	MD3	SW 82 AV	SW 24 ST
MD3-0274.0000	MD3	SW 82 AV	SW 16 ST
MD3-0275.0000	MD3	SW 82 AV	SW 14 TE
MD3-0276.0000	MD3	SW 82 AV	SW 13 ST
MD3-0277.0000	MD3	SW 82 AV	SW 11 ST
MD3-0500.0010	MD3	W FLAGLER ST	NW 72 AV
MD3-0501.0000	MD3	W FLAGLER ST	NW 73 CT
MD3-0502.0000	MD3	W FLAGLER ST	NW 74 AV
MD3-0508.0000	MD3	W FLAGLER ST	NW 87 AV
MD3-0509.0000	MD3	W FLAGLER ST	SW 87 AV
MD3-0510.0000	MD3	W FLAGLER ST	SW 84 AV
MD3-0511.0000	MD3	W FLAGLER ST	SW 82 AV
MD3-0514.0000	MD3	W FLAGLER ST	SW 78 AV
MD3-0516.0000	MD3	W FLAGLER ST	# 7400

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD3-0517.0000	MD3	W FLAGLER ST	GRAND CANAL DR
MD3-0520.0124	MD3	SW 8 ST	SW 82 AV
MD3-0520.0200	MD3	SW 8 ST	SW 73 AV
MD3-0520.0250	MD3	SW 8 ST	SW 71 CT
MD3-0520.0450	MD3	SW 8 ST	SW 67 AV
MD3-0521.0000	MD3	SW 8 ST	SW 45 AV
MD3-0522.0000	MD3	SW 8 ST	SW 44 AV
MD3-0523.0000	MD3	SW 8 ST	SW 42 AV
MD4-0015.0000	MD4	NW 7 AV	NW 81 ST
MD4-0018.0000	MD4	NW 7 AV	LITTLE RIVER DR
MD4-0020.0000	MD4	NW 7 AV	NW 94 ST
MD4-0023.0000	MD4	NW 7 AV	NW 99 ST
MD4-0024.0000	MD4	NW 7 AV	NW 101 ST
MD4-0025.0000	MD4	NW 7 AV	NW 103 ST
MD4-0026.0000	MD4	NW 7 AV	NW 101 ST
MD4-0027.0000	MD4	NW 7 AV	NW 99 ST
MD4-0028.0000	MD4	NW 7 AV	NW 97 ST
MD4-0030.0000	MD4	NW 7 AV	# 9150
MD4-0031.0000	MD4	NW 7 AV	NW 90 ST
MD4-0033.0000	MD4	NW 7 AV	NW 85 ST
MD4-0034.0000	MD4	NW 7 AV	NW 83 ST
MD4-0041.0000	MD4	NW 17 AV	NW 74 ST
MD4-0043.0000	MD4	NW 17 AV	NW 76 TE
MD4-0045.0000	MD4	NW 17 AV	NW 81 ST
MD4-0047.0000	MD4	NW 17 AV	NW 84 ST
MD4-0050.0000	MD4	NW 17 AV	NW 89 ST
MD4-0051.0000	MD4	NW 17 AV	NW 91 ST
MD4-0052.0000	MD4	NW 17 AV	NW 93 TE
MD4-0053.0000	MD4	NW 17 AV	NW 95 ST
MD4-0053.0100	MD4	NW 17 AV	NW 95 ST
MD4-0053.0150	MD4	NW 17 AV	LITTLE RIVER DR
MD4-0053.0200	MD4	NW 17 AV	NW 102 ST
MD4-0053.0400	MD4	NW 17 AV	NW 103 ST
MD4-0053.0550	MD4	NW 17 AV	LITTLE RIVER DR
MD4-0053.0600	MD4	NW 17 AV	NW 95 ST
MD4-0060.0000	MD4	NW 17 AV	NW 95 ST
MD4-0062.0000	MD4	NW 17 AV	NW 91 ST
MD4-0063.0000	MD4	NW 17 AV	NW 89 ST
MD4-0064.0000	MD4	NW 17 AV	NW 87 ST
MD4-0065.0000	MD4	NW 17 AV	NW 84 ST
MD4-0066.0000	MD4	NW 17 AV	NW 83 ST
MD4-0067.0000	MD4	NW 17 AV	NW 81 ST
MD4-0068.0000	MD4	NW 17 AV	NW 79 ST
MD4-0068.0100	MD4	NW 17 AV	NW 78 ST
MD4-0070.0000	MD4	NW 17 AV	NW 75 ST
MD4-0071.0000	MD4	NW 17 AV	NW 73 ST
MD4-0072.0000	MD4	NW 17 AV	NW 71 ST
MD4-0074.0000	MD4	NW 22 AV	NW 42 ST
MD4-0075.0000	MD4	NW 22 AV	NW 43 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD4-0076.0000	MD4	NW 22 AV	NW 46 ST
MD4-0077.0000	MD4	NW 22 AV	NW 48 ST
MD4-0080.0000	MD4	NW 22 AV	NW 54 ST
MD4-0082.0000	MD4	NW 22 AV	NW 58 ST
MD4-0083.0000	MD4	NW 22 AV	NW 60 ST
MD4-0084.0000	MD4	NW 22 AV	NW 62 ST
MD4-0086.0000	MD4	NW 22 AV	NW 66 ST
MD4-0086.0500	MD4	NW 22 AV	NW 68 TE
MD4-0088.0000	MD4	NW 22 AV	NW 71 ST
MD4-0090.0000	MD4	NW 22 AV	NW 73 ST
MD4-0091.0000	MD4	NW 22 AV	NW 75 ST
MD4-0093.0000	MD4	NW 22 AV	NW 80 ST
MD4-0094.0000	MD4	NW 22 AV	NW 82 ST
MD4-0096.0000	MD4	NW 22 AV	NW 86 TE
MD4-0097.0000	MD4	NW 22 AV	NW 89 ST
MD4-0099.0000	MD4	NW 22 AV	NW 93 TE
MD4-0099.0100	MD4	NW 22 AV	NW 95 ST
MD4-0109.0000	MD4	NW 22 AV	NW 97 ST
MD4-0110.0000	MD4	NW 22 AV	NW 95 ST
MD4-0111.0000	MD4	NW 22 AV	NW 91 ST
MD4-0112.0000	MD4	NW 22 AV	NW 89 ST
MD4-0113.0000	MD4	NW 22 AV	NW 87 ST
MD4-0114.0000	MD4	NW 22 AV	NW 85 ST
MD4-0115.0000	MD4	NW 22 AV	NW 81 TR
MD4-0116.0000	MD4	NW 22 AV	NW 80 ST
MD4-0118.0000	MD4	NW 22 AV	NW 77 TE
MD4-0120.0000	MD4	NW 22 AV	NW 73 ST
MD4-0121.0000	MD4	NW 22 AV	NW 71 ST
MD4-0126.0000	MD4	NW 22 AV	NW 59 ST
MD4-0128.0000	MD4	NW 22 AV	NW 54 ST
MD4-0129.0000	MD4	NW 22 AV	NW 52 ST
MD4-0130.0000	MD4	NW 22 AV	NW 51 ST
MD4-0131.0000	MD4	NW 22 AV	NW 48 ST
MD4-0132.0000	MD4	NW 22 AV	NW 46 ST
MD4-0144.0000	MD4	NW 27 AV	NW 41 ST
MD4-0145.0000	MD4	NW 27 AV	NW 44 ST
MD4-0146.0000	MD4	NW 27 AV	NW 46 ST
MD4-0147.0000	MD4	NW 27 AV	NW 48 ST
MD4-0148.0000	MD4	NW 27 AV	NW 50 ST
MD4-0150.0000	MD4	NW 27 AV	NW 54 ST
MD4-0151.0000	MD4	NW 27 AV	NW 56 ST
MD4-0153.0000	MD4	NW 27 AV	NW 59 ST
MD4-0154.0000	MD4	NW 27 AV	NW 62 ST
MD4-0155.0000	MD4	NW 27 AV	NW 66 ST
MD4-0156.0000	MD4	NW 27 AV	NW 68 ST
MD4-0157.0000	MD4	NW 27 AV	NW 71 ST
MD4-0158.0000	MD4	NW 27 AV	NW 73 ST
MD4-0160.0000	MD4	NW 27 AV	NW 77 ST
MD4-0161.0000	MD4	NW 27 AV	NW 79 TE

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD4-0163.0100	MD4	NW 27 AV	# 8401
MD4-0180.0000	MD4	NW 27 AV	NW 87 ST
MD4-0186.0000	MD4	NW 27 AV	NW 73 ST
MD4-0187.0000	MD4	NW 27 AV	NW 71 ST
MD4-0188.0000	MD4	NW 27 AV	NW 68 ST
MD4-0191.0000	MD4	NW 27 AV	NW 62 ST
MD4-0192.0000	MD4	NW 27 AV	NW 60 ST
MD4-0194.0000	MD4	NW 27 AV	NW 56 ST
MD4-0195.0000	MD4	NW 27 AV	NW 54 ST
MD4-0198.0000	MD4	NW 27 AV	NW 48 ST
MD4-0199.0000	MD4	NW 27 AV	NW 46 ST
MD4-0201.0000	MD4	NW 27 AV	NW 41 ST
MD4-0202.0100	MD4	NW 27 AV	NW 34 ST
MD4-0204.0000	MD4	NW 27 AV	NW 31 ST
MD4-0205.0000	MD4	NW 27 AV	NW 28 ST
MD4-0208.0000	MD4	NW 27 AV	NW 21 TE
MD4-0209.0000	MD4	NW 32 AV	NW 27 ST
MD4-0210.0000	MD4	NW 32 AV	NW 29 ST
MD4-0211.0000	MD4	NW 32 AV	NW 32 ST
MD4-0212.0000	MD4	NW 32 AV	NW 34 ST
MD4-0213.0000	MD4	NW 32 AV	NW 38 ST
MD4-0214.0000	MD4	NW 32 AV	NW 41 ST
MD4-0215.0000	MD4	NW 32 AV	NW 44 ST
MD4-0216.0000	MD4	NW 32 AV	NW 46 ST
MD4-0217.0000	MD4	NW 32 AV	NW 48 TE
MD4-0218.0000	MD4	NW 32 AV	NW 50 ST
MD4-0219.0000	MD4	NW 32 AV	NW 52 ST
MD4-0220.0000	MD4	NW 32 AV	NW 54 ST
MD4-0220.0100	MD4	NW 32 AV	NW 56 ST
MD4-0221.0000	MD4	NW 32 AV	NW 58 ST
MD4-0222.0000	MD4	NW 32 AV	NW 60 ST
MD4-0223.0000	MD4	NW 32 AV	NW 62 ST
MD4-0224.0000	MD4	NW 32 AV	NW 65 ST
MD4-0225.0000	MD4	NW 32 AV	NW 67 ST
MD4-0226.0000	MD4	NW 32 AV	NW 69 ST
MD4-0227.0000	MD4	NW 32 AV	NW 71 ST
MD4-0232.0000	MD4	NW 32 AV	NW 79 ST
MD4-0233.0000	MD4	NW 32 AV	NW 82 ST
MD4-0234.0000	MD4	NW 32 AV	NW 83 TE
MD4-0236.0000	MD4	NW 32 AV	NW 87 ST
MD4-0237.0000	MD4	NW 32 AV	NW 88 ST
MD4-0238.0000	MD4	NW 32 AV	NW 91 ST
MD4-0239.0000	MD4	NW 32 AV	NW 93 ST
MD4-0240.0000	MD4	NW 32 AV	NW 95 ST
MD4-0244.0200	MD4	NW 32 AV	NW 103 ST
MD4-0245.0000	MD4	NW 32 AV	NW 103 ST
MD4-0247.0000	MD4	NW 32 AV	NW 99 ST
MD4-0248.0000	MD4	NW 32 AV	NW 97 ST
MD4-0249.0000	MD4	NW 32 AV	NW 95 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD4-0250.0000	MD4	NW 32 AV	NW 93 ST
MD4-0251.0000	MD4	NW 32 AV	NW 91 ST
MD4-0252.0000	MD4	NW 32 AV	NW 87 ST
MD4-0253.0000	MD4	NW 32 AV	NW 86 ST
MD4-0254.0000	MD4	NW 32 AV	NW 83 TE
MD4-0255.0000	MD4	NW 32 AV	NW 82 ST
MD4-0256.0000	MD4	NW 32 AV	NW 79 ST
MD4-0259.0000	MD4	NW 32 AV	NW 73 ST
MD4-0260.0000	MD4	NW 32 AV	NW 71 ST
MD4-0261.0000	MD4	NW 32 AV	NW 69 ST
MD4-0262.0000	MD4	NW 32 AV	NW 67 ST
MD4-0263.0000	MD4	NW 32 AV	NW 65 ST
MD4-0264.0000	MD4	NW 32 AV	NW 62 ST
MD4-0265.0000	MD4	NW 32 AV	NW 60 ST
MD4-0266.0000	MD4	NW 32 AV	NW 58 ST
MD4-0267.0000	MD4	NW 32 AV	NW 56 ST
MD4-0268.0000	MD4	NW 32 AV	NW 54 ST
MD4-0270.0000	MD4	NW 32 AV	NW 51 TE
MD4-0272.0000	MD4	NW 32 AV	NW 50 ST
MD4-0272.0100	MD4	NW 32 AV	NW 48 ST
MD4-0273.0000	MD4	NW 32 AV	NW 46 ST
MD4-0274.0000	MD4	NW 32 AV	NW 43 TE
MD4-0275.0000	MD4	NW 32 AV	NW 41 ST
MD4-0276.0000	MD4	NW 32 AV	NW 38 ST
MD4-0279.0000	MD4	NW 32 AV	NW 29 ST
MD4-0282.0200	MD4	NW 37 AV	# 8303 (AMTRAK)
MD4-0282.0300	MD4	NW 37 AV	NW 80 ST
MD4-0512.0200	MD4	NW 103 ST	NW 10 AV
MD4-0512.0400	MD4	NW 103 ST	NW 10 AV
MD4-0512.0500	MD4	NW 103 ST	NW 12 AV
MD4-0549.0100	MD4	NW 79 ST	NW 36 PL
MD4-0551.0000	MD4	NW 79 ST	NW 35 AV
MD4-0556.0000	MD4	NW 79 ST	NW 30 AV
MD4-0557.0000	MD4	NW 79 ST	2800 BLOCK
MD4-0559.0000	MD4	NW 79 ST	NW 25 AV
MD4-0561.0000	MD4	NW 79 ST	NW 23 AV
MD4-0562.0000	MD4	NW 79 ST	NW 22 AV
MD4-0563.0000	MD4	NW 79 ST	NW 21 AV
MD4-0565.0000	MD4	NW 79 ST	NW 17 PL
MD4-0566.0000	MD4	NW 79 ST	NW 17 AV
MD4-0567.0000	MD4	NW 79 ST	NW 15 AV
MD4-0568.0000	MD4	NW 79 ST	NW 14 AV
MD4-0569.0000	MD4	NW 79 ST	NW 13 AV
MD4-0571.0000	MD4	NW 79 ST	NW 10 CT
MD4-0572.0000	MD4	NW 79 ST	NW 9 AV
MD4-0574.0000	MD4	NW 79 ST	NW 8 CT
MD4-0575.0000	MD4	NW 79 ST	NW 10 CT
MD4-0576.0000	MD4	NW 79 ST	NW 11 CT
MD4-0577.0000	MD4	NW 79 ST	NW 12 PL

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD4-0581.0000	MD4	NW 79 ST	NW 17 AV
MD4-0583.0000	MD4	NW 79 ST	NW 19 AV
MD4-0584.0000	MD4	NW 79 ST	NW 21 AV
MD4-0585.0000	MD4	NW 79 ST	NW 22 AV
MD4-0586.0000	MD4	NW 79 ST	NW 24 AV
MD4-0587.0000	MD4	NW 79 ST	NW 25 AV
MD4-0589.0000	MD4	NW 79 ST	NW 27 AV
MD4-0590.0000	MD4	NW 79 ST	NW 30 AV
MD4-0591.0000	MD4	NW 79 ST	NW 31 AV
MD4-0591.0100	MD4	NW 79 ST	NW 32 AV
MD4-0592.0000	MD4	NW 79 ST	NW 33 AV
MD4-0593.0000	MD4	NW 79 ST	NW 35 AV
MD4-0594.0000	MD4	NW 79 ST	NW 36 AV
MD4-0595.0000	MD4	NW 79 ST	NW 37 AV
MD4-0612.0100	MD4	NW 62 ST	NW 35 AV
MD4-0613.0000	MD4	NW 62 ST	NW 32 CT
MD4-0613.0200	MD4	NW 62 ST	NW 31 AV
MD4-0614.0100	MD4	NW 62 ST	NW 29 AV
MD4-0615.0100	MD4	NW 62 ST	NW 25 AV
MD4-0615.0200	MD4	NW 62 ST	NW 24 AV
MD4-0618.0000	MD4	NW 62 ST	NW 19 AV
MD4-0619.0000	MD4	NW 62 ST	NW 18 AV
MD4-0621.0000	MD4	NW 62 ST	NW 20 AV
MD4-0622.0100	MD4	NW 62 ST	NW 23 AV
MD4-0623.0000	MD4	NW 62 ST	NW 24 AV
MD4-0626.0000	MD4	NW 62 ST	NW 30 AV
MD4-0627.0000	MD4	NW 62 ST	NW 31 AV
MD4-0628.0050	MD4	NW 62 ST	NW 32 CT
MD4-0628.0100	MD4	NW 62 ST	NW 35 AV
MD4-0629.0100	MD4	NW 62 ST	NW 37 AV
MD4-0665.0000	MD4	NW 46 ST	NW 22 AV
MD4-0668.0000	MD4	NW 46 ST	NW 21 AV
MD4-0709.0902	MD4	NW 7 ST	NW 82 AV
MD4-0709.0904	MD4	NW 7 ST	# 8341
MD4-0709.0908	MD4	NW 7 ST	# 8531
MD4-0710.0910	MD4	FOUNTAINBLE AU BD	NW 107 AVE
MD4-0711.0100	MD4	W FLAGLER ST	SW 98 CT
MD4-0732.0000	MD4	W FLAGLER ST	APPROX # 10501
MD4-0733.0000	MD4	W FLAGLER ST	NW 107 AV
MD4-0734.0000	MD4	W FLAGLER ST	NW 108 CT
MD4-0761.0000	MD4	SW 8 ST	SW 102 AV
MD4-0762.0000	MD4	SW 8 ST	SW 97 AV
MD4-0763.0000	MD4	SW 8 ST	SW 94 AV
MD4-0764.0000	MD4	SW 8 ST	SW 92 AV
MD4-0765.0000	MD4	SW 8 ST	SW 87 AV
MD4-1006.0000	MD4	BROWNSVILLE STA	5200 NW 27 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD5-0049.0000	MD5	COLLINS AV	HAULOVER MARINA
MD5-0080.0000	MD5	W DIXIE HY	NE 119 TE
MD5-0084.0000	MD5	W DIXIE HY	NE 119 TE
MD5-0089.0000	MD5	NE 6 AV	NE 107 ST
MD5-0090.0000	MD5	NE 6 AV	NE 109 ST
MD5-0091.0000	MD5	NE 6 AV	NE 111 ST
MD5-0092.0000	MD5	NE 6 AV	NE 149 ST
MD5-0093.0000	MD5	NE 6 AV	# 15101
MD5-0096.0000	MD5	NE 6 AV	NE 159 ST
MD5-0097.0000	MD5	NE 6 AV	NE 160 ST
MD5-0098.0000	MD5	NE 6 AV	NE 162 ST
MD5-0099.0000	MD5	NE 6 AV	NE 163 ST
MD5-0099.0100	MD5	NE 6 AV	NE 165 ST
MD5-0099.0200	MD5	NE 6 AV	NE 166 ST
MD5-0099.0300	MD5	NE 6 AV	NE 162 ST
MD5-0099.0400	MD5	NE 6 AV	NE 160 ST
MD5-0100.0000	MD5	NE 6 AV	NE 159 ST
MD5-0101.0100	MD5	NE 6 AV	NE 157 TE
MD5-0102.0000	MD5	NE 6 AV	# 15600
MD5-0103.0000	MD5	NE 6 AV	NE 154 ST
MD5-0104.0000	MD5	NE 6 AV	# 15156
MD5-0105.0000	MD5	NE 6 AV	NE 149 ST
MD5-0105.0100	MD5	NE 6 AV	NE 110 TE
MD5-0106.0000	MD5	NE 6 AV	NE 109 ST
MD5-0107.0000	MD5	NE 6 AV	NE 107 ST
MD5-0107.0100	MD5	NE 2 AV	NE 115 ST
MD5-0145.0000	MD5	NW 7 AV	NW 103 ST
MD5-0148.0000	MD5	NW 7 AV	NW 109 ST
MD5-0149.0000	MD5	NW 7 AV	NW 111 ST
MD5-0154.0000	MD5	NW 7 AV	NW 121 ST
MD5-0155.0000	MD5	NW 7 AV	NW 143 ST
MD5-0156.0000	MD5	NW 7 AV	NW 145 ST
MD5-0158.0000	MD5	NW 7 AV	# 14901
MD5-0164.0000	MD5	NW 7 AV	NW 155 LA
MD5-0165.0000	MD5	NW 7 AV	S BISCAYNE RIVER DR
MD5-0165.0100	MD5	NW 7 AV	NW 151 ST
MD5-0166.0000	MD5	NW 7 AV	NW 148 ST
MD5-0166.0500	MD5	NW 7 AVE	NW 146th STREET
MD5-0167.0000	MD5	NW 7 AV	NW 145 ST
MD5-0169.0000	MD5	NW 7 AV	NW 143 ST
MD5-0176.0000	MD5	NW 7 AV	NW 116 TE
MD5-0177.0000	MD5	NW 7 AV	NW 115 ST
MD5-0178.0000	MD5	NW 7 AV	NW 113 ST
MD5-0179.0000	MD5	NW 7 AV	NW 111 ST
MD5-0181.0000	MD5	NW 7 AV	NW 107 ST
MD5-0182.0100	MD5	NW 8 AV	NW 103 ST
MD5-0196.0000	MD5	NW 17 AV	NW 103 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD5-0196.0100	MD5	NW 17 AV	OP # 10500
MD5-0197.0000	MD5	NW 17 AV	NW 108 ST
MD5-0198.0000	MD5	NW 17 AV	NW 109 ST
MD5-0199.0000	MD5	NW 17 AV	NW 111 ST
MD5-0200.0000	MD5	NW 17 AV	NW 113 TE
MD5-0201.0000	MD5	NW 17 AV	NW 115 ST
MD5-0202.0000	MD5	NW 17 AV	NW 117 ST
MD5-0210.0000	MD5	NW 17 AV	NW 117 ST
MD5-0211.0000	MD5	NW 17 AV	NW 116 ST
MD5-0211.0100	MD5	NW 17 AV	NW 113 TE
MD5-0212.0000	MD5	NW 17 AV	NW 111 ST
MD5-0213.0000	MD5	NW 17 AV	NW 109 ST
MD5-0214.0000	MD5	NW 17 AV	NW 107 ST
MD5-0223.0000	MD5	NW 22 AV	NW 105 ST
MD5-0224.0000	MD5	NW 22 AV	NW 107 ST
MD5-0225.0000	MD5	NW 22 AV	NW 111 ST
MD5-0226.0000	MD5	NW 22 AV	# 11281
MD5-0227.0100	MD5	NW 22 AV	NW 117 ST
MD5-0229.0000	MD5	NW 22 AV	# 12125
MD5-0230.0000	MD5	NW 22 AV	NW 124 ST
MD5-0230.0100	MD5	NW 22 AV	NW 127 ST
MD5-0232.0000	MD5	NW 22 AV	NW 131 ST
MD5-0248.0000	MD5	NW 22 AV	NW 135 ST
MD5-0250.0000	MD5	NW 22 AV	NW 131 ST
MD5-0250.0100	MD5	NW 22 AV	NW 129 ST
MD5-0251.0000	MD5	NW 22 AV	NW 127 ST
MD5-0251.0100	MD5	NW 22 AV	NW 124 ST
MD5-0252.0000	MD5	NW 22 AV	NW 122 ST
MD5-0253.0000	MD5	NW 22 AV	NW 119 ST
MD5-0253.0100	MD5	NW 22 AV	NW 117 ST
MD5-0254.0000	MD5	NW 22 AV	NW 115 ST
MD5-0258.0000	MD5	NW 22 AV	NW 105 ST
MD5-0258.0001	MD5	NW 22 AV	NW 103 ST
MD5-0259.0000	MD5	NW 27 AV	NW 103 ST
MD5-0259.0100	MD5	NW 27 AV	NW 106 ST
MD5-0260.0000	MD5	NW 27 AV	NW 108 ST
MD5-0261.0000	MD5	NW 27 AV	NW 111 ST
MD5-0262.0000	MD5	NW 27 AV	NW 113 ST
MD5-0263.0000	MD5	NW 27 AV	NW 115 ST
MD5-0263.0100	MD5	NW 27 AV	NW 116 ST
MD5-0264.0000	MD5	NW 27 AV	NW 120 ST
MD5-0268.0000	MD5	NW 27 AV	NW 131 ST
MD5-0269.0000	MD5	NW 27 AV	NW 135 ST
MD5-0282.0000	MD5	NW 27 AV	OP # 12501
MD5-0283.0000	MD5	NW 27 AV	NW 122 ST
MD5-0283.0100	MD5	NW 27 AV	NW 119 ST
MD5-0284.0000	MD5	NW 27 AV	NW 119 ST
MD5-0286.0100	MD5	NW 27 AV	NW 108 ST
MD5-0289.0000	MD5	NW 32 AV	NW 106 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MD5-0290.0000	MD5	NW 32 AV	NW 107 ST
MD5-0291.0000	MD5	NW 32 AV	NW 110 ST
MD5-0291.0100	MD5	NW 32 AV	NW 112 ST
MD5-0291.0200	MD5	NW 32 AV	NW 114 ST
MD5-0291.0250	MD5	NW 32 AV	KENNEDY DR
MD5-0304.0100	MD5	NW 32 AV	NW 123 ST
MD5-0304.0150	MD5	NW 32 AV	NW 119 ST
MD5-0304.0200	MD5	NW 32 AV	NW 114 ST
MD5-0304.0300	MD5	NW 32 AV	NW 112 ST
MD5-0305.0000	MD5	NW 32 AV	NW 110 ST
MD5-0306.0000	MD5	NW 32 AV	NW 107 ST
MD5-0307.0000	MD5	NW 32 AV	NW 106 ST
MD5-0532.0000	MD5	NW 127 ST	NW 21 AV
MD5-0535.0000	MD5	NW 127 ST	NW 18 CT
MD5-0616.0000	MD5	NW 167 ST	NW 1 AV
MD5-0617.0000	MD5	NE 167 ST	N MIAMI AV
MD5-0618.0000	MD5	NE 167 ST	NE 2 AV
MD5-0619.0000	MD5	NE 167 ST	NE 4 AV
MD5-0620.0000	MD5	NE 167 ST	NE 6 AV
MD5-1005.0000	MD5	AT MDCC - NO	TERMINAL
MD6-0030.0100	MD6	W DIXIE HY	NE 190 ST
MD6-0056.0100	MD6	NE 18 AV	OP # 18831
MD6-0057.0300	MD6	NE 18 AV	# 18901
MD6-0063.0000	MD6	NE 14 AV	# 18901
MD6-0085.0000	MD6	NE 10 AV	NE 173 ST
MD6-0091.0400	MD6	NE 6 AV	NE 177 ST
MD6-0091.0500	MD6	NE 6 AV	APPROX # 17911
MD6-0277.0000	MD6	NW 47 AV	NW 183 ST
MD6-0277.0200	MD6	NW 47 AV	NW 180 ST
MD6-0278.0000	MD6	NW 47 AV	NW 178 TE
MD6-0279.0000	MD6	NW 47 AV	# 17700
MD6-0281.0000	MD6	NW 47 AV	NW 173 DR
MD6-0282.0000	MD6	NW 47 AV	NW 170 ST
MD6-0282.0200	MD6	NW 47 AV	NW 168 TE
MD6-0294.0100	MD6	NW 67 AV	NW 169 ST
MD6-0296.0100	MD6	NW 68 AV	NW 182 ST
MD6-0501.0500	MD6	NE 167 ST	NE 12 AV
MD6-0560.0100	MD6	NW 186 ST	NW 67 PL
MD6-0560.0600	MD6	NW 183 ST	NW 57 AV
MD6-0565.0100	MD6	NW 183 ST	NW 47 AV
MD6-0601.0000	MD6	NE 186 ST	NE 24 AV
MD6-0601.0100	MD6	NE 186 ST	NE 24 PL
MD6-0654.0000	MD6	NW 183 ST	NW 57 AV
MD6-0654.0050	MD6	NW 186 ST	NW 62 AV
MD6-0654.0200	MD6	NW 186 ST	NW 67 AV
MGD-0027.0000	MGD	N MIAMI AV	NW 184 TE
MGD-0028.0000	MGD	N MIAMI AV	NW 183 ST
MGD-0057.0000	MGD	NW 2 AV	NW 191 ST
MGD-0090.0000	MGD	NW 7 AV	NW 179 TE

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MGD-0126.0000	MGD	NW 12 AV	NW 183 ST
MGD-0128.0000	MGD	NW 12 AV	NW 187 ST
MGD-0129.0000	MGD	NW 12 AV	NW 188 TE
MGD-0130.0000	MGD	NW 12 AV	NW 191 ST
MGD-0134.0000	MGD	NW 12 AV	NW 195 ST
MGD-0139.0000	MGD	NW 12 AV	NW 183 ST
MGD-0153.0000	MGD	NW 13 AV	NW 167 ST
MGD-0154.0000	MGD	NW 13 AV	NW 167 ST
MGD-0155.0000	MGD	NW 13 AV	NW 165 ST
MGD-0157.0000	MGD	NW 13 AV	NW 159 ST
MGD-0220.0000	MGD	NW 22 AV	NW 151 ST
MGD-0221.0000	MGD	NW 22 AV	NW 152 TE
MGD-0222.0000	MGD	NW 22 AV	NW 155 ST
MGD-0223.0000	MGD	NW 22 AV	E BUNCHE PARK DR S
MGD-0224.0000	MGD	NW 22 AV	# 15825
MGD-0230.0000	MGD	NW 22 AV	NW 175 ST
MGD-0232.0000	MGD	NW 22 AV	NW 181 ST
MGD-0233.0000	MGD	NW 22 AV	NW 183 ST
MGD-0236.0000	MGD	NW 22 AV	NW 191 ST
MGD-0237.0000	MGD	NW 22 AV	NW 190 TE
MGD-0241.0000	MGD	NW 22 AV	NW 181 ST
MGD-0243.0000	MGD	NW 22 AV	NW 175 ST
MGD-0244.0000	MGD	NW 22 AV	NW 171 ST
MGD-0247.0000	MGD	NW 22 AV	NW 166 ST
MGD-0248.0000	MGD	NW 22 AV	E BUNCHE PARK DR N
MGD-0249.0000	MGD	NW 22 AV	NW 158 ST
MGD-0250.0000	MGD	NW 22 AV	W BUNCHE PARK DR
MGD-0251.0000	MGD	NW 22 AV	NW 154 ST
MGD-0252.0000	MGD	NW 22 AV	NW 151 ST
MGD-0306.0000	MGD	NW 27 AV	NW 165 ST
MGD-0336.0000	MGD	NW 27 AV	NW 159 ST
MGD-0337.0000	MGD	NW 27 AV	NW 156 ST
MGD-0338.0000	MGD	NW 27 AV	NW 154 ST
MGD-0346.0000	MGD	NW 32 AV	NW 154 TE
MGD-0347.0000	MGD	NW 32 AV	NW 157 ST
MGD-0350.0000	MGD	NW 32 AV	NW 163 ST
MGD-0361.0000	MGD	NW 32 AV	NW 165 ST
MGD-0363.0000	MGD	NW 32 AV	NW 161 TE
MGD-0364.0000	MGD	NW 32 AV	NW 159 ST
MGD-0365.0000	MGD	NW 32 AV	NW 157 ST
MGD-0367.0000	MGD	NW 32 AV	NW 151 ST
MGD-0382.0000	MGD	NW 37/42 AV CONNECTO	NW 159 ST
MGD-0395.0000	MGD	NW 37 AV	NW 163 ST
MGD-0396.0000	MGD	NW 37 AV	NW 165 ST
MGD-0398.0000	MGD	NW 37 AV	# 18451
MGD-0399.0000	MGD	NW 37 AV	NW 187 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MGD-0400.0000	MGD	NW 37 AV	NW 188 ST
MGD-0401.0000	MGD	NW 37 AV	NW 191 ST
MGD-0403.0000	MGD	NW 37 AV	NW 194 ST
MGD-0404.0000	MGD	NW 37 AV	NW 196 LA
MGD-0405.0000	MGD	NW 37 AV	NW 199 ST
MGD-0412.0000	MGD	NW 37 AV	NW 209 TE
MGD-0414.0000	MGD	NW 37 AV	NW 207 DR
MGD-0416.0000	MGD	NW 37 AV	NW 199 ST
MGD-0417.0000	MGD	NW 37 AV	NW 196 LA
MGD-0418.0000	MGD	NW 37 AV	NW 194 ST
MGD-0421.0000	MGD	NW 37 AV	NW 187 ST
MGD-0422.0000	MGD	NW 37 AV	# 18450
MGD-0423.0000	MGD	NW 37 AV	NW 169 TE
MGD-0424.0000	MGD	NW 37 AV	NW 167 ST
MGD-0425.0000	MGD	NW 37 AV	NW 165 ST
MGD-0426.0000	MGD	NW 37 AV	NW 163 ST
MGD-0440.0000	MGD	NW 42 AV	NW 157 ST
MGD-0441.0000	MGD	NW 42 AV	NW 159 ST
MGD-0442.0000	MGD	NW 42 AV	NW 163 ST
MGD-0450.0000	MGD	NW 42 AV	NW 163 ST
MGD-0451.0000	MGD	NW 42 AV	NW 159 ST
MGD-0452.0000	MGD	NW 42 AV	NW 157 ST
MGD-0486.0000	MGD	NW 47 AV	NW 170 ST
MGD-0487.0000	MGD	NW 47 AV	NW 173 DR
MGD-0491.0000	MGD	NW 47 AV	NW 181 TE
MGD-0708.0000	MGD	NW 151 ST	NW 33 CT
MGD-0741.0000	MGD	NW 160 ST	NW 18 PL
MGD-0992.0000	MGD	NW 183 ST	NW 34 CT
MGD-0993.0000	MGD	NW 183 ST	NW 37 AV
MGD-0998.0000	MGD	NW 183 ST	OP # 4500
MGD-1012.0000	MGD	NW 191 ST	NW 43 AV
MGD-1049.0000	MGD	NW 199 ST	NW 11 AV
MGD-1050.0000	MGD	NW 199 ST	NW 9 AV
MGD-1052.0000	MGD	NW 199 ST	NW 6 AV
MGD-1053.0000	MGD	NW 199 ST	NW 5 AV
MGD-1054.0000	MGD	NW 199 ST	NW 2 AV
MGD-1058.0000	MGD	NW 199 ST	NW 3 PL
MGD-1059.0000	MGD	NW 199 ST	NW 7 AV
MGD-1060.0000	MGD	NW 199 ST	NW 9 AV
MGD-1094.0000	MGD	NW 207 ST	NW 27 AV
MGD-1095.0000	MGD	NW 207 ST	NW 29 AV
MGD-1136.0000	MGD	NW 213 ST	NW 37 AV
MIA-0007.0000	MIA	BISCAYNE BD	NE 2 ST
MIA-0008.0000	MIA	BISCAYNE BD	NE 4 ST
MIA-0013.0000	MIA	NE 2 AV	NE 5 ST
MIA-0015.0000	MIA	NE 2 AV	NE 2 ST
MIA-0021.0000	MIA	NE 1 AV	NE 1 ST
MIA-0022.0000	MIA	NE 1 AV	NE 1 ST
MIA-0024.0000	MIA	NE 1 AV	NE 6 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-0027.0000	MIA	N MIAMI AV	NW 5 ST
MIA-0028.0000	MIA	N MIAMI AV	NW 4 ST
MIA-0029.0000	MIA	N MIAMI AV	NW 2 ST
MIA-0030.0000	MIA	S MIAMI AV	W FLAGLER ST
MIA-0031.0000	MIA	S MIAMI AV	SW 4 ST
MIA-0034.0000	MIA	NW 1 AV	NW 1 ST
MIA-0039.0000	MIA	NW 2 AV	NW 4 ST
MIA-0040.0000	MIA	NW 2 AV	NW 2 ST
MIA-0057.0000	MIA	NE 1 ST	NE 3 AV
MIA-0058.0000	MIA	NE 1 ST	NE 2 AV
MIA-0059.0000	MIA	NE 1 ST	NE 1 AV
MIA-0060.0000	MIA	NW 1 ST	N MIAMI AV
MIA-0061.0000	MIA	NW 1 ST	NW 1 AV
MIA-0066.0000	MIA	SE 1 ST	SE 1 AV
MIA-0067.0000	MIA	SE 1 ST	SE 1 AV
MIA-0068.0000	MIA	SE 1 ST	SE 3 AV
MIA-0078.0000	MIA	NE 6 ST	NE 1 AV
MIA-0079.0000	MIA	NW 6 ST	N MIAMI AV
MIA-0116.0000	MIA	BISCAYNE BD	NE 82 ST
MIA-0118.0000	MIA	BISCAYNE BD	NE 77 ST
MIA-0122.0000	MIA	BISCAYNE BD	NE 71 ST
MIA-0123.0000	MIA	BISCAYNE BD	NE 68 ST
MIA-0124.0000	MIA	BISCAYNE BD	NE 67 ST
MIA-0126.0000	MIA	BISCAYNE BD	NE 62 ST
MIA-0132.0000	MIA	BISCAYNE BD	NE 50 TE
MIA-0133.0000	MIA	BISCAYNE BD	# 4870
MIA-0135.0000	MIA	BISCAYNE BD	# 4300
MIA-0136.0000	MIA	BISCAYNE BD	# 4200
MIA-0137.0000	MIA	BISCAYNE BD	NE 39 ST
MIA-0142.0000	MIA	BISCAYNE BD	NE 30 ST
MIA-0144.0000	MIA	BISCAYNE BD	NE 26 ST
MIA-0145.0000	MIA	BISCAYNE BD	NE 23 ST
MIA-0146.0000	MIA	BISCAYNE BD	NE 22 ST
MIA-0147.0000	MIA	BISCAYNE BD	NE 20 TE
MIA-0153.0000	MIA	BISCAYNE BD	NE 11 ST
MIA-0154.0000	MIA	BISCAYNE BD	NE 9 ST
MIA-0156.0000	MIA	BISCAYNE BD	NE 6 ST
MIA-0158.0000	MIA	BISCAYNE BD	NE 9 ST
MIA-0163.0000	MIA	BISCAYNE BD	NE 20 ST
MIA-0164.0000	MIA	BISCAYNE BD	NE 21 ST
MIA-0170.0000	MIA	BISCAYNE BD	NE 30 ST
MIA-0172.0000	MIA	BISCAYNE BD	NE 35 ST
MIA-0173.0000	MIA	BISCAYNE BD	NE 36 ST
MIA-0181.0000	MIA	BISCAYNE BD	NE 56 ST
MIA-0182.0000	MIA	BISCAYNE BD	NE 58 ST
MIA-0185.0000	MIA	BISCAYNE BD	NE 64 ST
MIA-0188.0000	MIA	BISCAYNE BD	NE 70 ST
MIA-0189.0000	MIA	BISCAYNE BD	NE 72 TE
MIA-0190.0000	MIA	BISCAYNE BD	NE 75 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-0191.0000	MIA	BISCAYNE BD	NE 77 ST
MIA-0192.0100	MIA	BISCAYNE BD	NE 82 ST
MIA-0203.0000	MIA	NE 2 AV	NE 84 ST
MIA-0205.0000	MIA	NE 2 AV	NE 82 ST
MIA-0209.0000	MIA	NE 2 AV	NE 73 ST
MIA-0217.0060	MIA	NE 2 AV	NE 54 ST
MIA-0218.0000	MIA	NE 2 AV	NE 53 ST
MIA-0222.0000	MIA	NE 2 AV	NE 47 ST
MIA-0223.0000	MIA	NE 2 AV	NE 45 ST
MIA-0224.0000	MIA	NE 2 AV	NE 42 ST
MIA-0226.0000	MIA	NE 2 AV	NE 39 ST
MIA-0227.0000	MIA	NE 2 AV	NE 37 ST
MIA-0229.0100	MIA	NE 2 AV	NE 31 ST
MIA-0230.0000	MIA	NE 2 AV	NE 29 ST
MIA-0231.0000	MIA	NE 2 AV	NE 27 ST
MIA-0232.0000	MIA	NE 2 AV	NE 24 ST
MIA-0233.0000	MIA	NE 2 AV	NE 23 ST
MIA-0235.0000	MIA	NE 2 AV	NE 19 ST
MIA-0236.0000	MIA	NE 2 AV	NE 18 ST
MIA-0238.0000	MIA	NE 2 AV	NE 15 ST
MIA-0239.0000	MIA	NE 2 AV	NE 14 ST
MIA-0241.0200	MIA	NE 2 AV	NE 8 ST
MIA-0243.0000	MIA	NE 2 AV	NE 17 TE
MIA-0247.0000	MIA	NE 2 AV	NE 22 ST
MIA-0247.0100	MIA	NE 2 AV	NE 24 ST
MIA-0248.0000	MIA	NE 2 AV	NE 25 ST
MIA-0249.0000	MIA	NE 2 AV	NE 27 ST
MIA-0250.0000	MIA	NE 2 AV	NE 29 ST
MIA-0253.0000	MIA	NE 2 AV	NE 33 ST
MIA-0254.0000	MIA	NE 2 AV	NE 35 ST
MIA-0255.0000	MIA	NE 2 AV	APPROX # 3699(37 ST)
MIA-0256.0000	MIA	NE 2 AV	NE 40 ST
MIA-0261.0000	MIA	NE 2 AV	NE 50 ST
MIA-0262.0000	MIA	NE 2 AV	NE 51 ST
MIA-0275.0000	MIA	NE 2 AV	NE 79 ST
MIA-0276.0000	MIA	NE 2 AV	NE 82 TE
MIA-0277.0000	MIA	NE 2 AV	APPROX # 8401
MIA-0303.0000	MIA	NE 1 AV	NE 9 ST
MIA-0304.0000	MIA	NE 1 AV	NE 10 ST
MIA-0306.0000	MIA	NE 1 AV	NE 14 ST
MIA-0405.0000	MIA	S MIAMI AV	SE 7 ST
MIA-0444.0000	MIA	NW 2 AV	NW 7 ST
MIA-0511.0000	MIA	NW 7 AV	NW 77 ST
MIA-0512.0000	MIA	NW 7 AV	NW 75 ST
MIA-0513.0100	MIA	NW 7 AV	NW 71 ST
MIA-0514.0000	MIA	NW 7 AV	NW 69 ST
MIA-0515.0000	MIA	NW 7 AV	NW 66 ST
MIA-0516.0000	MIA	NW 7 AV	NW 64 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-0517.0000	MIA	NW 7 AV	NW 62 ST
MIA-0518.0000	MIA	NW 7 AV	NW 60 ST
MIA-0520.0000	MIA	NW 7 AV	NW 55 TE
MIA-0521.0000	MIA	NW 7 AV	NW 54 ST
MIA-0523.0000	MIA	NW 7 AV	NW 50 ST
MIA-0524.0000	MIA	NW 7 AV	NW 48 ST
MIA-0525.0000	MIA	NW 7 AV	NW 47 ST
MIA-0526.0000	MIA	NW 7 AV	NW 44 ST
MIA-0527.0000	MIA	NW 7 AV	NW 35 ST
MIA-0528.0000	MIA	NW 7 AV	NW 34 ST
MIA-0529.0000	MIA	NW 7 AV	NW 32 ST
MIA-0531.0000	MIA	NW 7 AV	NW 28 ST
MIA-0532.0100	MIA	NW 7 AV	NW 24 ST
MIA-0534.0000	MIA	NW 7 AV	NW 21 TE
MIA-0537.0000	MIA	NW 7 AV	NW 17 ST
MIA-0538.0000	MIA	NW 7 AV	NW 15 ST
MIA-0539.0000	MIA	NW 7 AV	NW 14 ST
MIA-0541.0000	MIA	NW 7 AV	NW 11 ST
MIA-0542.0000	MIA	NW 7 AV	NW 9 ST
MIA-0543.0000	MIA	NW 7 AV	NW 8 ST RD
MIA-0543.0100	MIA	NW 7 AV	NW 6 ST
MIA-0549.0000	MIA	NW 7 AV	NW 7 ST
MIA-0551.0000	MIA	NW 7 AV	NW 10 ST
MIA-0552.0000	MIA	NW 7 AV	NW 11 ST
MIA-0553.0000	MIA	NW 7 AV	NW 13 ST
MIA-0554.0000	MIA	NW 7 AV	NW 14 ST
MIA-0554.0100	MIA	NW 7 AV	NW 15 ST
MIA-0555.0000	MIA	NW 7 AV	NW 17 ST
MIA-0556.0000	MIA	NW 7 AV	NW 18 TE
MIA-0557.0000	MIA	NW 7 AV	NW 20 ST
MIA-0558.0000	MIA	NW 7 AV	NW 21 TE
MIA-0559.0000	MIA	NW 7 AV	NW 22 ST
MIA-0561.0000	MIA	NW 7 AV	NW 27 ST
MIA-0562.0000	MIA	NW 7 AV	NW 29 ST
MIA-0563.0000	MIA	NW 7 AV	NW 31 ST
MIA-0563.0100	MIA	NW 7 AV	NW 32 ST
MIA-0564.0000	MIA	NW 7 AV	NW 34 ST
MIA-0565.0000	MIA	NW 7 AV	NW 36 ST
MIA-0567.0000	MIA	NW 7 AV	NW 46 ST
MIA-0568.0000	MIA	NW 7 AV	NW 47 TE
MIA-0569.0000	MIA	NW 7 AV	NW 49 ST
MIA-0570.0000	MIA	NW 7 AV	NW 51 ST
MIA-0571.0000	MIA	NW 7 AV	NW 53 ST
MIA-0572.0000	MIA	NW 7 AV	NW 54 ST
MIA-0573.0000	MIA	NW 7 AV	NW 56 ST
MIA-0574.0000	MIA	NW 7 AV	NW 58 ST
MIA-0574.0100	MIA	NW 7 AV	NW 60 ST
MIA-0577.0000	MIA	NW 7 AV	NW 67 ST
MIA-0578.0000	MIA	NW 7 AV	NW 69 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-0578.0100	MIA	NW 7 AV	NW 71 ST
MIA-0579.0000	MIA	NW 7 AV	NW 73 ST
MIA-0581.0000	MIA	NW 7 AV	NW 77 ST
MIA-0613.0000	MIA	NW 9 AV	NW 15 ST
MIA-0614.0000	MIA	NW 10 AV	NW 14 ST
MIA-0673.0000	MIA	NW 12 AV	NW 20 ST
MIA-0709.0000	MIA	NW 12 AV	NW 14 ST
MIA-0709.0100	MIA	NW 12 AV	NW 15 ST
MIA-0710.0000	MIA	NW 12 AV	NW 16 ST
MIA-0710.0100	MIA	NW 12 AV	NW 18 ST
MIA-0736.0100	MIA	NW 14 AV	NW 19 ST
MIA-0741.0050	MIA	NW 14 AV	NW 19 ST
MIA-0749.0000	MIA	NW 17 AV	NW 69 ST
MIA-0752.0000	MIA	NW 17 AV	NW 65 ST
MIA-0753.0000	MIA	NW 17 AV	NW 63 ST
MIA-0754.0000	MIA	NW 17 AV	NW 62 ST
MIA-0756.0000	MIA	NW 17 AV	NW 58 TE
MIA-0756.0100	MIA	NW 17 AV	NW 56 ST
MIA-0758.0000	MIA	NW 17 AV	NW 52 ST
MIA-0759.0000	MIA	NW 17 AV	NW 51 ST
MIA-0761.0000	MIA	NW 17 AV	NW 48 ST
MIA-0762.0000	MIA	NW 17 AV	NW 46 ST
MIA-0764.0000	MIA	NW 17 AV	NW 40 ST
MIA-0766.0000	MIA	NW 17 AV	NW 34 ST
MIA-0771.0000	MIA	NW 17 AV	NW 27 ST
MIA-0772.0000	MIA	NW 17 AV	NW 24 ST
MIA-0773.0000	MIA	NW 17 AV	NW 21 TE
MIA-0775.0000	MIA	NW 17 AV	NW 19 ST
MIA-0776.0000	MIA	NW 17 AV	NW 18 ST
MIA-0777.0000	MIA	NW 17 AV	NW 16 ST
MIA-0780.0000	MIA	NW 17 AV	NW 7 ST
MIA-0781.0000	MIA	NW 17 AV	NW 5 ST
MIA-0784.0000	MIA	SW 17 AV	SW 2 ST
MIA-0785.0000	MIA	SW 17 AV	SW 3 ST
MIA-0786.0000	MIA	SW 17 AV	SW 6 ST
MIA-0787.0000	MIA	SW 17 AV	SW 8 ST
MIA-0788.0000	MIA	SW 17 AV	SW 10 ST
MIA-0789.0000	MIA	SW 17 AV	SW 11 TE
MIA-0790.0000	MIA	SW 17 AV	SW 13 ST
MIA-0793.0000	MIA	SW 17 AV	SW 17 ST
MIA-0795.0000	MIA	SW 17 AV	SW 19 ST
MIA-0796.0000	MIA	SW 17 AV	SW 21 ST
MIA-0809.0000	MIA	SW 17 AV	SW 22 ST
MIA-0810.0000	MIA	SW 17 AV	SW 20 ST
MIA-0811.0000	MIA	SW 17 AV	SW 19 ST
MIA-0812.0000	MIA	SW 17 AV	SW 17 TE
MIA-0815.0000	MIA	SW 17 AV	SW 13 ST
MIA-0816.0000	MIA	SW 17 AV	SW 12 ST
MIA-0817.0000	MIA	SW 17 AV	SW 9 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-0818.0000	MIA	SW 17 AV	SW 8 ST
MIA-0819.0000	MIA	SW 17 AV	SW 6 ST
MIA-0820.0000	MIA	SW 17 AV	SW 4 ST
MIA-0821.0000	MIA	SW 17 AV	SW 1 ST
MIA-0823.0000	MIA	NW 17 AV	NW 3 ST
MIA-0825.0000	MIA	NW 17 AV	NW 7 ST
MIA-0828.0000	MIA	NW 17 AV	NW 16 ST
MIA-0829.0000	MIA	NW 17 AV	NW 17 ST
MIA-0830.0000	MIA	NW 17 AV	NW 19 ST
MIA-0832.0000	MIA	NW 17 AV	NW 22 ST
MIA-0834.0000	MIA	NW 17 AV	NW 27 ST
MIA-0838.0000	MIA	NW 17 AV	NW 33 ST
MIA-0839.0000	MIA	NW 17 AV	NW 34 ST
MIA-0840.0000	MIA	NW 17 AV	NW 36 ST
MIA-0841.0000	MIA	NW 17 AV	NW 38 ST
MIA-0842.0000	MIA	NW 17 AV	NW 40 ST
MIA-0843.0000	MIA	NW 17 AV	NW 43 ST
MIA-0844.0000	MIA	NW 17 AV	NW 46 ST
MIA-0846.0050	MIA	NW 17 AV	NW 52 ST
MIA-0848.0000	MIA	NW 17 AV	NW 56 ST
MIA-0849.0000	MIA	NW 17 AV	NW 58 ST
MIA-0849.0500	MIA	NW 17 AV	NW 59 ST
MIA-0852.0000	MIA	NW 17 AV	NW 63 ST
MIA-0853.0000	MIA	NW 17 AV	NW 65 ST
MIA-0854.0000	MIA	NW 17 AV	NW 68 ST
MIA-0855.0000	MIA	NW 17 AV	NW 69 ST
MIA-0856.0000	MIA	NW 17 AV	NW 69 TE
MIA-0858.0000	MIA	NW 18 AV	NW 30 ST
MIA-0860.0000	MIA	NW 18 AV	NW 28 ST
MIA-0878.0000	MIA	NW 22 AV	NW 36 ST
MIA-0881.0000	MIA	NW 22 AV	NW 30 ST
MIA-0882.0000	MIA	NW 22 AV	NW 27 ST
MIA-0885.0000	MIA	NW 22 AV	NW 21 TE
MIA-0886.0000	MIA	NW 22 AV	NW 20 ST
MIA-0887.0000	MIA	NW 22 AV	NW 18 TE
MIA-0888.0000	MIA	NW 22 AV	NW 13 ST
MIA-0890.0000	MIA	NW 22 AV	NW 9 ST
MIA-0893.0000	MIA	NW 22 AV	NW 5 ST
MIA-0898.0000	MIA	SW 22 AV	SW 2 ST
MIA-0899.0000	MIA	SW 22 AV	SW 4 ST
MIA-0900.0000	MIA	SW 22 AV	SW 6 ST
MIA-0902.0000	MIA	SW 22 AV	SW 10 ST
MIA-0903.0000	MIA	SW 22 AV	SW 11 TE
MIA-0904.0000	MIA	SW 22 AV	SW 13 ST
MIA-0905.0000	MIA	SW 22 AV	SW 15 ST
MIA-0906.0000	MIA	SW 22 AV	SW 16 ST
MIA-0907.0000	MIA	SW 22 AV	SW 17 ST
MIA-0908.0000	MIA	SW 22 AV	SW 18 ST
MIA-0909.0000	MIA	SW 22 AV	SW 19 TE

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-0911.0000	MIA	SW 22 AV	CORAL WAY
MIA-0912.0000	MIA	SW 22 AV	SW 23 ST
MIA-0915.0000	MIA	SW 22 AV	SW 26 LN
MIA-0922.0000	MIA	SW 22 AV	SW 26 ST
MIA-0923.0000	MIA	SW 22 AV	SW 25 TE
MIA-0924.0000	MIA	SW 22 AV	SW 24 TE
MIA-0925.0000	MIA	SW 22 AV	SW 23 TE
MIA-0926.0000	MIA	SW 22 AV	SW 22 ST
MIA-0927.0000	MIA	SW 22 AV	SW 21 ST
MIA-0928.0000	MIA	SW 22 AV	SW 20 ST
MIA-0930.0000	MIA	SW 22 AV	SW 17 ST
MIA-0932.0000	MIA	SW 22 AV	SW 14 TE
MIA-0933.0000	MIA	SW 22 AV	SW 12 ST
MIA-0934.0000	MIA	SW 22 AV	SW 11 ST
MIA-0935.0000	MIA	SW 22 AV	SW 9 ST
MIA-0936.0000	MIA	SW 22 AV	SW 8 ST
MIA-0937.0000	MIA	SW 22 AV	SW 6 ST
MIA-0939.0000	MIA	SW 22 AV	SW 3 ST
MIA-0940.0000	MIA	SW 22 AV	SW 1 ST
MIA-0940.0100	MIA	SW 22 AV	W FLAGLER ST
MIA-0943.0000	MIA	NW 22 AV	NW 4 TE
MIA-0945.0000	MIA	NW 22 AV	NW 7 ST
MIA-0947.0000	MIA	NW 22 AV	NW 11 ST
MIA-0948.0000	MIA	NW 22 AV	NW 13 ST
MIA-0949.0000	MIA	NW 22 AV	NW 19 ST
MIA-0950.0000	MIA	NW 22 AV	NW 20 ST
MIA-0952.0000	MIA	NW 22 AV	NW 23 ST
MIA-0954.0000	MIA	NW 22 AV	NW 28 ST
MIA-0955.0000	MIA	NW 22 AV	NW 30 ST
MIA-0956.0000	MIA	NW 22 AV	NW 32 ST
MIA-0957.0000	MIA	NW 22 AV	NW 33 ST
MIA-0958.0000	MIA	NW 22 AV	NW 36 ST
MIA-0968.0000	MIA	NW 27 AV	NW 36 ST
MIA-0971.0000	MIA	NW 27 AV	NW 17 ST
MIA-0973.0000	MIA	NW 27 AV	NW 14 ST
MIA-0975.0000	MIA	NW 27 AV	NW 9 ST
MIA-0976.0000	MIA	NW 27 AV	NW 7 ST
MIA-0977.0000	MIA	NW 27 AV	NW 4 TE
MIA-0978.0000	MIA	NW 27 AV	NW 3 ST
MIA-0979.0000	MIA	NW 27 AV	NW 1 ST
MIA-0980.0000	MIA	SW 27 AV	W FLAGLER ST
MIA-0981.0000	MIA	SW 27 AV	SW 3 ST
MIA-0982.0000	MIA	SW 27 AV	SW 4 ST
MIA-0984.0000	MIA	SW 27 AV	SW 8 ST
MIA-0988.0000	MIA	SW 27 AV	SW 14 ST
MIA-0990.0000	MIA	SW 27 AV	SW 16 ST
MIA-0993.0000	MIA	SW 27 AV	SW 20 ST
MIA-0994.0000	MIA	SW 27 AV	SW 22 ST
MIA-0995.0000	MIA	SW 27 AV	SW 23 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-0996.0000	MIA	SW 27 AV	SW 24 ST
MIA-0997.0000	MIA	SW 27 AV	SW 25 TE
MIA-0998.0000	MIA	SW 27 AV	SW 26 ST
MIA-1000.0000	MIA	SW 27 AV	US 1
MIA-1011.0000	MIA	SW 27 AV	SW 26 LN
MIA-1012.0000	MIA	SW 27 AV	SW 25 TE
MIA-1013.0000	MIA	SW 27 AV	SW 24 TE
MIA-1016.0000	MIA	SW 27 AV	SW 19 TR
MIA-1017.0000	MIA	SW 27 AV	SW 19 ST
MIA-1018.0000	MIA	SW 27 AV	SW 17 ST
MIA-1019.0000	MIA	SW 27 AV	SW 16 ST
MIA-1021.0000	MIA	SW 27 AV	SW 12 ST
MIA-1022.0000	MIA	SW 27 AV	SW 10 ST
MIA-1023.0000	MIA	SW 27 AV	SW 8 ST
MIA-1024.0000	MIA	SW 27 AV	SW 6 ST
MIA-1025.0000	MIA	SW 27 AV	SW 4 ST
MIA-1026.0000	MIA	SW 27 AV	SW 2 ST
MIA-1028.0000	MIA	NW 27 AV	NW 3 ST
MIA-1029.0000	MIA	NW 27 AV	NW 4 TE
MIA-1030.0000	MIA	NW 27 AV	NW 7 ST
MIA-1032.0000	MIA	NW 27 AV	NW 9 ST
MIA-1033.0000	MIA	NW 27 AV	NW 14 ST
MIA-1034.0000	MIA	NW 27 AV	NW 16 ST
MIA-1035.0000	MIA	NW 27 AV	NW 17 ST
MIA-1035.0001	MIA	NW 27 AV	NW 20 ST
MIA-1035.0002	MIA	NW 27 AV	NW 24 ST
MIA-1035.0003	MIA	NW 27 AV	NW 26 ST
MIA-1035.0004	MIA	NW 27 AV	NW 28 ST
MIA-1035.0005	MIA	NW 27 AV	NW 31 ST
MIA-1035.0006	MIA	NW 27 AV	NW 33 ST
MIA-1035.0007	MIA	NW 27 AV	NW 35 ST
MIA-1035.0008	MIA	NW 27 AV	NW 36 ST
MIA-1035.0009	MIA	NW 27 AV	NW 38 ST
MIA-1042.0000	MIA	NW 32 AV	NW 36 ST
MIA-1081.0000	MIA	NW 32 AV	NW 36 ST
MIA-1164.0000	MIA	NW 42 AV	NW 18 ST
MIA-1167.0000	MIA	NW 42 AV	NW 4 ST
MIA-1190.0000	MIA	NW 42 AV	NW 7 ST
MIA-1191.0000	MIA	NW 42 AV	NW 11 ST
MIA-1199.0100	MIA	NW 62 AV	NW 2 ST
MIA-1200.0000	MIA	NW 62 AV	W FLAGLER ST
MIA-1201.0000	MIA	NW 62 AV	W FLAGLER ST
MIA-1202.0000	MIA	NW 62 AV	NW 2 ST
MIA-2003.0000	MIA	NE 79 ST	N BAYSHORE DR
MIA-2006.0000	MIA	NE 79 ST	BISCAYNE BD
MIA-2008.0000	MIA	NE 79 ST	NE 4 AV
MIA-2009.0000	MIA	NE 79 ST	NE 3 AV
MIA-2011.0000	MIA	NE 79 ST	NE MIAMI CT
MIA-2012.0000	MIA	NW 79 ST	NW 1 AV

**PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2013.0000	MIA	NW 79 ST	NW 2 AV
MIA-2016.0000	MIA	NW 79 ST	NW 7 AV
MIA-2018.0000	MIA	NW 79 ST	NW 5 AV
MIA-2020.0500	MIA	NW 79 ST	# 140
MIA-2022.0000	MIA	NE 79 ST	NE MIAMI CT
MIA-2023.0000	MIA	NE 79 ST	NE 2 AV
MIA-2026.0000	MIA	NE 79 ST	NE 5 AV
MIA-2030.0000	MIA	NE 79 ST	NE 10 AV
MIA-2031.0000	MIA	NE 79 ST	N BAYSHORE DR
MIA-2053.0100	MIA	NE 62 ST	BISCAYNE BD
MIA-2053.0200	MIA	NE 62 ST	NE 4 CT
MIA-2053.0300	MIA	NE 62 ST	4 AV
MIA-2053.0400	MIA	NE 62 ST	NE 3 AV
MIA-2054.0000	MIA	NE 62 ST	NE 1 PL
MIA-2056.0000	MIA	NW 62 ST	N MIAMI AV
MIA-2057.0000	MIA	NW 62 ST	NW 1 AV
MIA-2058.0000	MIA	NW 62 ST	NW 2 AV
MIA-2059.0000	MIA	NW 62 ST	NW 3 AV
MIA-2061.0000	MIA	NW 62 ST	NW 5 CT
MIA-2062.0000	MIA	NW 62 ST	NW 6 AV
MIA-2063.0000	MIA	NW 62 ST	NW 7 AV
MIA-2064.0000	MIA	NW 62 ST	NW 8 AV
MIA-2065.0000	MIA	NW 62 ST	NW 10 AV
MIA-2066.0000	MIA	NW 62 ST	NW 11 AV
MIA-2067.0000	MIA	NW 62 ST	NW 12 AV
MIA-2068.0000	MIA	NW 62 ST	NW 13 AV
MIA-2069.0000	MIA	NW 62 ST	NW 14 AV
MIA-2070.0000	MIA	NW 62 ST	NW 15 AV
MIA-2073.0000	MIA	NW 62 ST	NW 15 AV
MIA-2074.0000	MIA	NW 62 ST	NW 14 AV
MIA-2075.0000	MIA	NW 62 ST	NW 13 AV
MIA-2077.0000	MIA	NW 62 ST	NW 11 AV
MIA-2079.0000	MIA	NW 62 ST	NW 8 AV
MIA-2080.0000	MIA	NW 62 ST	NW 7 AV
MIA-2082.0000	MIA	NW 62 ST	NW 5 CT
MIA-2083.0000	MIA	NW 62 ST	NW 3 AV
MIA-2084.0000	MIA	NW 62 ST	NW 2 AV
MIA-2085.0000	MIA	NW 62 ST	NW 1 AV
MIA-2086.0000	MIA	NW 62 ST	N MIAMI AV
MIA-2086.0100	MIA	NE 62 ST	NE 1 AV
MIA-2087.0000	MIA	NE 61 ST	NE 2 AV
MIA-2088.0000	MIA	NE 61 ST	NE 4 AV
MIA-2088.0100	MIA	NE 61 ST	NE 4 CT
MIA-2088.0200	MIA	NE 61 ST	BISCAYNE BD
MIA-2124.0000	MIA	NW 46 ST	NW 17 AV
MIA-2126.0000	MIA	NW 46 ST	NW 19 AV
MIA-2128.0000	MIA	NW 46 ST	NW 18 AV
MIA-2134.0000	MIA	NE 36 ST	BISCAYNE BD
MIA-2134.0500	MIA	NE 36 ST	NE 2 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2135.0000	MIA	NE 36 ST	NE 1 AV
MIA-2136.0000	MIA	NW 36 ST	N MIAMI AV
MIA-2137.0000	MIA	NW 36 ST	NW 1 AV
MIA-2138.0000	MIA	NW 36 ST	NW 2 AV
MIA-2142.0000	MIA	NW 36 ST	NW 9 AV
MIA-2143.0000	MIA	NW 36 ST	NW 10 AV
MIA-2144.0000	MIA	NW 36 ST	NW 11 AV
MIA-2145.0500	MIA	NW 36 ST	NW 12 PL
MIA-2147.0000	MIA	NW 36 ST	NW 14 AV
MIA-2148.0000	MIA	NW 36 ST	NW 15 AV
MIA-2149.0000	MIA	NW 36 ST	NW 17 AV
MIA-2149.0100	MIA	NW 36 ST	NW 18 AV
MIA-2150.0000	MIA	NW 36 ST	NW 19 AV
MIA-2151.0000	MIA	NW 36 ST	NW 20 CT
MIA-2152.0000	MIA	NW 36 ST	NW 22 AV
MIA-2153.0000	MIA	NW 36 ST	NW 23 AV
MIA-2154.0000	MIA	NW 36 ST	NW 24 AV
MIA-2156.0000	MIA	NW 36 ST	NW 27 AV
MIA-2157.0000	MIA	NW 36 ST	NW 29 AV
MIA-2158.0000	MIA	NW 36 ST	NW 30 AV
MIA-2160.0000	MIA	NW 36 ST	NW 32 AV
MIA-2161.0000	MIA	NW 36 ST	NW 33 AV
MIA-2163.0000	MIA	NW 36 ST	NW 36 AV
MIA-2164.0000	MIA	NW 36 ST	NW 37 AV
MIA-2168.0000	MIA	NW 36 ST	NW 36 AV
MIA-2169.0000	MIA	NW 36 ST	NW 33 AV
MIA-2170.0000	MIA	NW 36 ST	NW 32 AV
MIA-2172.0000	MIA	NW 36 ST	NW 30 AV
MIA-2173.0000	MIA	NW 36 ST	NW 29 AV
MIA-2174.0000	MIA	NW 36 ST	NW 27 AV
MIA-2175.0000	MIA	NW 36 ST	NW 25 AV
MIA-2176.0000	MIA	NW 36 ST	NW 24 AV
MIA-2177.0000	MIA	NW 36 ST	NW 23 AV
MIA-2178.0000	MIA	NW 36 ST	NW 22 AV
MIA-2179.0000	MIA	NW 36 ST	NW 21 AV
MIA-2180.0000	MIA	NW 36 ST	NW 19 AV
MIA-2180.0100	MIA	NW 36 ST	NW 18 AV
MIA-2181.0000	MIA	NW 36 ST	NW 17 AV
MIA-2182.0000	MIA	NW 36 ST	NW 15 AV
MIA-2183.0000	MIA	NW 36 ST	NW 14 AV
MIA-2184.0000	MIA	NW 36 ST	NW 13 AV
MIA-2185.0100	MIA	NW 36 ST	NW 11 CT
MIA-2187.0000	MIA	NW 36 ST	NW 9 CT
MIA-2189.0000	MIA	NW 36 ST	NW 7 AV
MIA-2190.0000	MIA	NW 36 ST	NW 5 AV
MIA-2192.0100	MIA	NW 36 ST	NW 1 AV
MIA-2193.0000	MIA	NW 36 ST	N MIAMI AV
MIA-2196.0100	MIA	NE 36 ST	NE 6 AV
MIA-2231.0100	MIA	NW 28 ST	NW 18 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2247.0100	MIA	NW 20 ST	NW 2 AV
MIA-2248.0000	MIA	NW 20 ST	NW 3 AV
MIA-2249.0000	MIA	NW 20 ST	NW 4 CT
MIA-2251.0000	MIA	NW 20 ST	NW 7 AV
MIA-2252.0000	MIA	NW 20 ST	NW 8 AV
MIA-2254.0000	MIA	NW 20 ST	NW 10 AV
MIA-2255.0000	MIA	NW 20 ST	NW 11 AV
MIA-2257.0000	MIA	NW 20 ST	NW 13 AV
MIA-2258.0000	MIA	NW 20 ST	NW 14 AV
MIA-2259.0000	MIA	NW 20 ST	NW 15 AV
MIA-2260.0000	MIA	NW 20 ST	NW 17 AV
MIA-2261.0000	MIA	NW 20 ST	NW 18 AV
MIA-2261.0100	MIA	NW 20 ST	NW 19 AV
MIA-2262.0000	MIA	NW 20 ST	NW 21 AV
MIA-2265.0000	MIA	NW 20 ST	NW 24 AV
MIA-2266.0000	MIA	NW 20 ST	NW 27 AV
MIA-2267.0000	MIA	NW 20 ST	NW 27 AV
MIA-2268.0000	MIA	NW 20 ST	NW 25 AV
MIA-2270.0000	MIA	NW 20 ST	NW 22 PL
MIA-2271.0000	MIA	NW 20 ST	NW 22 AV
MIA-2272.0000	MIA	NW 20 ST	NW 21 AV
MIA-2273.0000	MIA	NW 20 ST	NW 20 AV
MIA-2274.0000	MIA	NW 20 ST	NW 18 AV
MIA-2276.0000	MIA	NW 20 ST	NW 14 AV
MIA-2278.0000	MIA	NW 20 ST	NW 12 AV
MIA-2279.0000	MIA	NW 20 ST	NW 10 AV
MIA-2280.0000	MIA	NW 20 ST	NW 8 AV
MIA-2283.0000	MIA	NW 20 ST	NW 4 CT
MIA-2283.0100	MIA	NW 20 ST	NW 3 AV
MIA-2297.0000	MIA	NW 17 ST	NW 14 AV
MIA-2308.0100	MIA	NW 17 ST	NW 14 AV
MIA-2314.0000	MIA	NW NORTH RIVER D	NW 2 ST
MIA-2315.0000	MIA	NW NORTH RIVER D	NW 3 ST
MIA-2316.0000	MIA	NW NORTH RIVER D	NW 6 AV
MIA-2317.0000	MIA	NW NORTH RIVER D	NW 5 ST
MIA-2328.0000	MIA	NW NORTH RIVER D	NW 6 AV
MIA-2329.0000	MIA	NW NORTH RIVER D	NW 3 ST
MIA-2330.0000	MIA	NW NORTH RIVER D	NW 2 ST
MIA-2331.0000	MIA	NW NORTH RIVER D	W FLAGLER ST
MIA-2365.0100	MIA	NE 14 ST	NE 2 AV
MIA-2374.0000	MIA	NW 14 ST	NW 12 AV
MIA-2418.0000	MIA	NW 7 ST	NW 13 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2420.0000	MIA	NW 7 ST	NW 15 AV
MIA-2422.0000	MIA	NW 7 ST	NW 17 AV
MIA-2424.0000	MIA	NW 7 ST	NW 18 PL
MIA-2429.0000	MIA	NW 7 ST	NW 23 AV
MIA-2435.0000	MIA	NW 7 ST	NW 30 PL
MIA-2436.0000	MIA	NW 7 ST	NW 32 PL
MIA-2437.0000	MIA	NW 7 ST	NW 34 AV
MIA-2438.0000	MIA	NW 7 ST	NW 35 CT
MIA-2439.0000	MIA	NW 7 ST	NW 36 AV
MIA-2440.0000	MIA	NW 7 ST	NW 37 AV
MIA-2442.0000	MIA	NW 7 ST	NW 39 AV
MIA-2444.0000	MIA	NW 7 ST	NW 42 AV
MIA-2445.0000	MIA	NW 7 ST	NW 43 CT
MIA-2446.0000	MIA	NW 7 ST	NW 45 AV
MIA-2447.0000	MIA	NW 7 ST	NW 47 AV
MIA-2448.0000	MIA	NW 7 ST	# 4845
MIA-2449.0000	MIA	NW 7 ST	NW 51 AV
MIA-2450.0000	MIA	NW 7 ST	# 5199
MIA-2451.0000	MIA	NW 7 ST	NW 53 AV
MIA-2452.0000	MIA	NW 7 ST	# 5505
MIA-2454.0000	MIA	NW 7 ST	NW 57 AV
MIA-2455.0000	MIA	NW 7 ST	NW 58 AV
MIA-2456.0000	MIA	NW 7 ST	NW 58 CT
MIA-2456.0100	MIA	NW 7 ST	NW 60 AV
MIA-2456.0200	MIA	NW 7 ST	NW 60 AV
MIA-2457.0000	MIA	NW 7 ST	NW 58 CT
MIA-2458.0000	MIA	NW 7 ST	NW 57 CT
MIA-2459.0000	MIA	NW 7 ST	NW 57 AV
MIA-2460.0000	MIA	NW 7 ST	OP # 5601
MIA-2461.0000	MIA	NW 7 ST	OP # 5375
MIA-2462.0000	MIA	NW 7 ST	NW 53 AV
MIA-2463.0000	MIA	NW 7 ST	# 5180
MIA-2464.0000	MIA	NW 7 ST	NW 51 AV
MIA-2464.0100	MIA	NW 7 ST	# 5040
MIA-2465.0000	MIA	NW 7 ST	OP # 4855
MIA-2468.0000	MIA	NW 7 ST	NW 45 AV
MIA-2469.0000	MIA	NW 7 ST	NW 43 AV
MIA-2469.0100	MIA	NW 7 ST	NW 43 CT
MIA-2470.0000	MIA	NW 7 ST	NW 42 AV
MIA-2472.0000	MIA	NW 7 ST	NW 38 CT
MIA-2473.0000	MIA	NW 7 ST	NW 37 AV
MIA-2474.0000	MIA	NW 7 ST	NW 36 CT
MIA-2475.0000	MIA	NW 7 ST	NW 35 AV
MIA-2476.0000	MIA	NW 7 ST	NW 34 AV
MIA-2477.0000	MIA	NW 7 ST	NW 32 PL
MIA-2478.0000	MIA	NW 7 ST	NW 32 AV
MIA-2479.0000	MIA	NW 7 ST	NW 30 AV
MIA-2480.0000	MIA	NW 7 ST	NW 29 AV
MIA-2481.0000	MIA	NW 7 ST	NW 27 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2482.0000	MIA	NW 7 ST	NW 25 AV
MIA-2483.0000	MIA	NW 7 ST	NW 24 AV
MIA-2484.0100	MIA	NW 7 ST	NW 22 AV
MIA-2485.0000	MIA	NW 7 ST	NW 21 AV
MIA-2486.0000	MIA	NW 7 ST	NW 20 AV
MIA-2488.0000	MIA	NW 7 ST	NW 18 AV
MIA-2489.0000	MIA	NW 7 ST	NW 17 CT
MIA-2493.0000	MIA	NW 7 ST	NW 13 AV
MIA-2497.0000	MIA	NW 6 ST	NW 4 AV
MIA-2498.0000	MIA	NW 6 ST	NW 5 AV
MIA-2499.0000	MIA	NW 6 ST	NW 6 AV
MIA-2499.0100	MIA	NW 6 ST	NW 7 AV
MIA-2506.0100	MIA	NW 5 ST	NW 7 AV
MIA-2507.0000	MIA	NW 5 ST	NW 6 AV
MIA-2508.0000	MIA	NW 5 ST	NW 4 AV
MIA-2509.0000	MIA	NW 5 ST	NW 3 AV
MIA-2513.0000	MIA	W FLAGLER ST	NW 6 AV
MIA-2514.0000	MIA	W FLAGLER ST	NW 7 AV
MIA-2515.0000	MIA	W FLAGLER ST	NW 8 AV
MIA-2517.0000	MIA	W FLAGLER ST	NW 10 AV
MIA-2518.0000	MIA	W FLAGLER ST	NW 12 AV
MIA-2521.0000	MIA	W FLAGLER ST	NW 15 AV
MIA-2522.0000	MIA	W FLAGLER ST	NW 16 AV
MIA-2524.0000	MIA	W FLAGLER ST	NW 18 AV
MIA-2526.0000	MIA	W FLAGLER ST	NW 22 AV
MIA-2527.0000	MIA	W FLAGLER ST	NW 23 AV
MIA-2528.0000	MIA	W FLAGLER ST	NW 25 AV
MIA-2529.0000	MIA	W FLAGLER ST	NW 27 AV
MIA-2530.0000	MIA	W FLAGLER ST	# 2987
MIA-2531.0000	MIA	W FLAGLER ST	NW 30 AV
MIA-2532.0000	MIA	W FLAGLER ST	NW 31 AV
MIA-2533.0000	MIA	W FLAGLER ST	NW 32 CT
MIA-2534.0000	MIA	W FLAGLER ST	NW 33 AV
MIA-2535.0000	MIA	W FLAGLER ST	NW 35 AV
MIA-2536.0000	MIA	W FLAGLER ST	NW 36 CT
MIA-2539.0000	MIA	W FLAGLER ST	NW 39 AV
MIA-2542.0100	MIA	W FLAGLER ST	NW 43 PL
MIA-2543.0100	MIA	W FLAGLER ST	NW 47 AV
MIA-2546.0000	MIA	W FLAGLER ST	NW 49 AV
MIA-2547.0000	MIA	W FLAGLER ST	NW 51 AV
MIA-2549.0000	MIA	W FLAGLER ST	NW 53 AV
MIA-2550.0000	MIA	W FLAGLER ST	NW 55 AV
MIA-2551.0000	MIA	W FLAGLER ST	NW 56 AV
MIA-2553.0000	MIA	W FLAGLER ST	NW 58 AV
MIA-2554.0000	MIA	W FLAGLER ST	NW 59 AV
MIA-2555.0000	MIA	W FLAGLER ST	NW 60 AV
MIA-2556.0000	MIA	W FLAGLER ST	NW 61 AV
MIA-2557.0000	MIA	W FLAGLER ST	NW 62 CT
MIA-2558.0000	MIA	W FLAGLER ST	NW 64 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2559.0000	MIA	W FLAGLER ST	NW 65 AV
MIA-2560.0000	MIA	W FLAGLER ST	NW 67 CT
MIA-2561.0000	MIA	W FLAGLER ST	NW 69 AV
MIA-2562.0000	MIA	W FLAGLER ST	# 7167
MIA-2563.0000	MIA	W FLAGLER ST	SW 72 AV
MIA-2564.0000	MIA	W FLAGLER ST	SW 71 AV
MIA-2565.0000	MIA	W FLAGLER ST	SW 69 AV
MIA-2566.0000	MIA	W FLAGLER ST	SW 67 CT
MIA-2566.0100	MIA	W FLAGLER ST	SW 67 AV
MIA-2567.0000	MIA	W FLAGLER ST	SW 66 AV
MIA-2568.0000	MIA	W FLAGLER ST	SW 64 CT
MIA-2570.0000	MIA	W FLAGLER ST	SW 62 CT
MIA-2571.0000	MIA	W FLAGLER ST	SW 61 AV
MIA-2572.0000	MIA	W FLAGLER ST	SW 60 AV
MIA-2574.0000	MIA	W FLAGLER ST	SW 58 AV
MIA-2575.0000	MIA	W FLAGLER ST	SW 57 AV
MIA-2576.0000	MIA	W FLAGLER ST	SW 56 AV
MIA-2577.0000	MIA	W FLAGLER ST	SW 55 AV
MIA-2578.0000	MIA	W FLAGLER ST	SW 52 CT
MIA-2579.0000	MIA	W FLAGLER ST	SW 51 PL
MIA-2580.0000	MIA	W FLAGLER ST	SW 50 AV
MIA-2581.0000	MIA	W FLAGLER ST	SW 48 AV
MIA-2582.0000	MIA	W FLAGLER ST	SW 47 AV
MIA-2584.0000	MIA	W FLAGLER ST	SW 44 AV
MIA-2585.0000	MIA	W FLAGLER ST	SW 43 AV
MIA-2586.0000	MIA	W FLAGLER ST	SW 41 AV
MIA-2587.0000	MIA	W FLAGLER ST	SW 40 AV
MIA-2589.0000	MIA	W FLAGLER ST	SW 38 AV
MIA-2590.0000	MIA	W FLAGLER ST	SW 37 AV
MIA-2592.0000	MIA	W FLAGLER ST	SW 34 AV
MIA-2593.0000	MIA	W FLAGLER ST	SW 33 AV
MIA-2594.0000	MIA	W FLAGLER ST	SW 32 AV
MIA-2595.0000	MIA	W FLAGLER ST	SW 31 AV
MIA-2596.0000	MIA	W FLAGLER ST	SW 30 AV
MIA-2597.0000	MIA	W FLAGLER ST	SW 29 AV
MIA-2598.0500	MIA	W FLAGLER ST	# 2520 (SW 25 AV)
MIA-2600.0000	MIA	SW 1 ST	SW 23 AV
MIA-2606.0000	MIA	SW 1 ST	SW 15 AV
MIA-2608.0000	MIA	SW 1 ST	SW 13 AV
MIA-2609.0000	MIA	SW 1 ST	SW 12 AV
MIA-2610.0000	MIA	SW 1 ST	SW 11 AV
MIA-2613.0000	MIA	SW 1 ST	SW 8 AV
MIA-2615.0000	MIA	SW 1 ST	SW 6 AV
MIA-2616.0000	MIA	SW 1 ST	SW 5 AV
MIA-2624.0000	MIA	SW 7 ST	SW 5 AV
MIA-2626.0000	MIA	SW 7 ST	SW 7 AV
MIA-2626.0100	MIA	SW 7 ST	SW 8 AV
MIA-2627.0000	MIA	SW 7 ST	SW 9 AV
MIA-2628.0000	MIA	SW 7 ST	SW 10 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2632.0000	MIA	SW 7 ST	SW 14 AV
MIA-2633.0000	MIA	SW 7 ST	SW 16 AV
MIA-2634.0000	MIA	SW 7 ST	SW 17 AV
MIA-2636.0000	MIA	SW 7 ST	SW 19 AV
MIA-2638.0000	MIA	SW 7 ST	SW 21 AV
MIA-2639.0000	MIA	SW 7 ST	SW 22 AV
MIA-2641.0000	MIA	SW 7 ST	SW 24 AV
MIA-2649.0100	MIA	BEACOM BD	SW 7 ST
MIA-2650.0000	MIA	SW 8 ST	SW 27 AV
MIA-2651.0000	MIA	SW 8 ST	SW 29 CT
MIA-2651.0100	MIA	SW 8 ST	SW 30 AV
MIA-2653.0000	MIA	SW 8 ST	SW 32 AV
MIA-2654.0000	MIA	SW 8 ST	SW 33 AV
MIA-2654.0100	MIA	SW 8 ST	SW 34 AV
MIA-2655.0000	MIA	SW 8 ST	SW 36 CT
MIA-2656.0000	MIA	SW 8 ST	SW 39 AV
MIA-2659.0000	MIA	SW 8 ST	SW 43 AV
MIA-2661.0000	MIA	SW 8 ST	SW 45 AV
MIA-2662.0000	MIA	SW 8 ST	SW 47 AV
MIA-2663.0000	MIA	SW 8 ST	SW 48 AV
MIA-2664.0000	MIA	SW 8 ST	SW 49 AV
MIA-2665.0000	MIA	SW 8 ST	SW 51 CT
MIA-2666.0000	MIA	SW 8 ST	SW 52 AV
MIA-2667.0000	MIA	SW 8 ST	SW 53 AV
MIA-2668.0000	MIA	SW 8 ST	SW 55 AV
MIA-2669.0000	MIA	SW 8 ST	SW 56 AV
MIA-2670.0000	MIA	SW 8 ST	SW 57 AV
MIA-2671.0000	MIA	SW 8 ST	SW 58 CT
MIA-2672.0000	MIA	SW 8 ST	SW 59 AV
MIA-2673.0000	MIA	SW 8 ST	SW 60 CT
MIA-2674.0000	MIA	SW 8 ST	SW 62 AV
MIA-2675.0000	MIA	SW 8 ST	APPROX # 6351(63 CT)
MIA-2676.0000	MIA	SW 8 ST	SW 64 AV
MIA-2677.0000	MIA	SW 8 ST	SW 65 AV
MIA-2678.0000	MIA	SW 8 ST	SW 67 AV
MIA-2678.0100	MIA	SW 8 ST	SW 68 AV
MIA-2680.0000	MIA	SW 8 ST	SW 71 PL
MIA-2681.0000	MIA	SW 8 ST	SW 73 AV
MIA-2682.0000	MIA	SW 8 ST	SW 73 CT
MIA-2691.0000	MIA	SW 8 ST	SW 36 CT
MIA-2694.0000	MIA	SW 8 ST	SW 32 AV
MIA-2695.0000	MIA	SW 8 ST	SW 31 CT
MIA-2696.0000	MIA	SW 8 ST	SW 30 AV
MIA-2697.0000	MIA	SW 8 ST	SW 29 CT
MIA-2698.0000	MIA	SW 8 ST	SW 27 AV
MIA-2699.0000	MIA	SW 8 ST	SW 25 AV
MIA-2700.0000	MIA	SW 8 ST	SW 24 AV
MIA-2701.0000	MIA	SW 8 ST	SW 23 AV

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MIA-2702.0000	MIA	SW 8 ST	SW 22 AV
MIA-2703.0000	MIA	SW 8 ST	SW 20 AV
MIA-2704.0000	MIA	SW 8 ST	SW 19 AV
MIA-2705.0000	MIA	SW 8 ST	SW 18 AV
MIA-2706.0000	MIA	SW 8 ST	SW 17 AV
MIA-2707.0000	MIA	SW 8 ST	SW 15 AV
MIA-2708.0000	MIA	SW 8 ST	SW 13 CT
MIA-2709.0000	MIA	SW 8 ST	SW 12 CT
MIA-2710.0000	MIA	SW 8 ST	SW 12 AV
MIA-2712.0000	MIA	SW 8 ST	SW 9 AV
MIA-2714.0000	MIA	SW 8 ST	SW 7 AV
MIA-2715.0000	MIA	SW 8 ST	SW 5 AV
MIA-2763.0000	MIA	SW 22 ST	SW 17 AV
MIA-2764.0000	MIA	SW 22 ST	SW 16 AV
MIA-2765.0000	MIA	SW 22 ST	SW 14 AV
MIA-2766.0000	MIA	SW 22 ST	SW 13 AV
MIA-2769.0000	MIA	SW 22 ST	SW 13 AV
MIA-2770.0000	MIA	SW 22 ST	SW 14 AV
MIA-2771.0000	MIA	SW 22 ST	SW 16 AV
MIA-2810.0100	MIA	SW 40 ST	SW 37 AV
MIA-3002.0000	MIA	COCONUT GROVE STA	2780 SW 27 AV
MIA-3005.0000	MIA	OVERTOWN STA	550 NW 1 AV
MIA-3009.0000	MIA	ALLAPATTAH STATION	3501 NW 12 AV
MIA-3010.0000	MIA	OMNI BUS TERMINAL	NE 15 ST/BISCAYNE
MLK-0041.0000	MLK	NW 67 AV	WINDMILL GATE RD
MLK-0046.0000	MLK	NW 67 AV	MIAMI LAKEWAY N
MLK-0125.0000	MLK	MIAMI LAKES DR E	NW 67 AV
MLK-0126.0000	MLK	MIAMI LAKES DR E	OP # 15000
MLK-0136.0000	MLK	MIAMI LAKES DR E	NW 60 AV
MSH-0004.0800	MSH	BISCAYNE BD	NE 87 ST
MSH-0019.0000	MSH	BISCAYNE BD	NE 87 ST
MSH-0021.0000	MSH	NE 6 AV	NE 91 ST (CLUB DR)
MSH-0023.0000	MSH	NE 6 AV	NE 96 ST
MSH-0026.0000	MSH	NE 6 AV	NE 103 ST
MSH-0027.0000	MSH	NE 6 AV	NE 105 ST
MSH-0031.0100	MSH	NE 6 AV	NE 96 ST
MSH-0033.0000	MSH	NE 6 AV	NE 92 ST
MSH-0034.0100	MSH	NE 2 AV	NE 92 ST
MSH-0035.0000	MSH	NE 2 AV	NE 94 ST
MSH-0036.0000	MSH	NE 2 AV	NE 96 ST
MSH-0037.0000	MSH	NE 2 AV	NE 100 ST
MSH-0038.0000	MSH	NE 2 AV	NE 103 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MSH-0039.0000	MSH	NE 2 AV	NE 105 ST
MSH-0044.0000	MSH	NE 2 AV	NE 114 ST
MSH-0047.0000	MSH	NE 2 AV	NE 107 ST
MSH-0048.0000	MSH	NE 2 AV	NE 105 ST
MSH-0049.0000	MSH	NE 2 AV	NE 103 ST
MSH-0050.0000	MSH	NE 2 AV	NE 101 ST
MSH-0050.0100	MSH	NE 2 AV	NE 98 ST
MSH-0051.0000	MSH	NE 2 AV	NE 95 ST
MSH-0052.0000	MSH	NE 2 AV	NE 93 ST
MSP-0028.0000	MSP	NW 36 ST	FORREST DR
MSP-0029.0000	MSP	NW 36 ST	EAST DR
NMB-0011.0000	NMB	BISCAYNE BD	NE 135 ST
NMB-0012.0000	NMB	BISCAYNE BD	# 13675
NMB-0012.0100	NMB	BISCAYNE BD	OP # 13702
NMB-0013.0000	NMB	BISCAYNE BD	NE 139 ST
NMB-0014.0000	NMB	BISCAYNE BD	NE 140 ST
NMB-0014.0100	NMB	BISCAYNE BD	NE 143 ST
NMB-0016.0000	NMB	BISCAYNE BD	NE 146 ST
NMB-0019.0000	NMB	BISCAYNE BD	NE 172 ST
NMB-0020.0000	NMB	BISCAYNE BD	NE 172 ST
NMB-0023.0000	NMB	BISCAYNE BD	NE 163 ST
NMB-0026.0000	NMB	BISCAYNE BD	NE 146 ST
NMB-0026.0100	NMB	BISCAYNE BD	NE 144 ST
NMB-0027.0000	NMB	BISCAYNE BD	# 14100
NMB-0028.0000	NMB	BISCAYNE BD	# 13700
NMB-0029.0000	NMB	BISCAYNE BD	NE 135 ST
NMB-0031.0000	NMB	NE 19 AV	NE 183 ST
NMB-0032.0000	NMB	NE 19 AV	NE 181 ST
NMB-0033.0000	NMB	NE 19 AV	NE 179 ST
NMB-0037.0000	NMB	NE 19 AV	NE 171 ST
NMB-0047.0000	NMB	NE 19 AV	NE 173 ST
NMB-0049.0000	NMB	NE 19 AV	NE 177 ST
NMB-0051.0000	NMB	NE 19 AV	NE 181 ST
NMB-0052.0150	NMB	NE 18 AV	NE 185 ST
NMB-0058.0000	NMB	NE 16 AV	NE 154 TE
NMB-0059.0000	NMB	NE 16 AV	NE 153 TE
NMB-0091.0000	NMB	NE 10 AV	NE 175 ST
NMB-0092.0000	NMB	NE 10 AV	NE 177 TE
NMB-0095.0100	NMB	NE 10 AV	NE 179 TE
NMB-0096.0000	NMB	NE 10 AV	NE 177 ST
NMB-0099.0300	NMB	NE 6 AV	NE 177 ST
NMB-0100.0000	NMB	NE 6 AV	NE 175 ST
NMB-0102.0000	NMB	NE 6 AV	NE 170 ST
NMB-0102.0100	NMB	NE 6 AV	OP # 16811
NMB-0506.0000	NMB	NE 163 ST	NE 20 AV
NMB-0510.0000	NMB	NE 163 ST	NE 35 AV
NMB-0510.0100	NMB	NE 163 ST	INTERAMA BD
NMB-0510.0150	NMB	NE 163 ST	# 3067
NMB-0510.0200	NMB	NE 163 ST	AT # 2935

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
NMB-0510.0400	NMB	NE 163 ST	NE 26 AV
NMB-0511.0000	NMB	NE 163 ST	BISCAYNE BD
NMB-0512.0000	NMB	NE 163 ST	NE 23 AV
NMB-0513.0000	NMB	NE 163 ST	NE 22 AV
NMB-0515.0100	NMB	NE 163 ST	NE 18 AV
NMB-0516.0100	NMB	NE 163 ST	NE 16 AV
NMB-0517.0000	NMB	NE 163 ST	NE 12 AV
NMB-0533.0000	NMB	NE 167 ST	NE 7 AV
NMB-0534.0000	NMB	NE 167 ST	NE 6 AV
NMB-0536.0000	NMB	NE 167 ST	NE 2 AV
NMB-0554.0000	NMB	NE 171 ST	NE 17 AV
NMB-0567.0000	NMB	NE 185 ST	NE 21 AV
NOM-0003.0000	NOM	BISCAYNE BD	NE 125 ST
NOM-0004.0000	NOM	BISCAYNE BD	NE 127 ST
NOM-0005.0000	NOM	BISCAYNE BD	IXORA LA
NOM-0005.0500	NOM	BISCAYNE BD	NE 135 ST
NOM-0005.0600	NOM	BISCAYNE BLVD	NE 151 ST
NOM-0005.0700	NOM	BISCAYNE BLVD	NE 156 ST
NOM-0005.0800	NOM	BISCAYNE BLVD	NE 156 ST
NOM-0005.0900	NOM	BISCAYNE BD	NE 156 ST
NOM-0005.1000	NOM	BISCAYNE BD	NE 151 ST
NOM-0007.0000	NOM	BISCAYNE BD	NE 130 ST
NOM-0008.0000	NOM	BISCAYNE BD	NE 127 ST
NOM-0009.0000	NOM	BISCAYNE BD	NE 125 ST
NOM-0010.0000	NOM	BISCAYNE BD	NE 123 ST
NOM-0012.0000	NOM	NE 16 AV	NE 143 ST
NOM-0019.0100	NOM	NE 16 AV	NE 125 ST
NOM-0021.0000	NOM	NE 16 AV	NE 123 TE
NOM-0029.0000	NOM	NE 16 AV	NE 143 ST
NOM-0053.0000	NOM	W DIXIE HY	GRIFFING BD
NOM-0053.0100	NOM	W DIXIE HY	NE 123 ST
NOM-0071.0000	NOM	W DIXIE HY	NE 123 ST
NOM-0072.0000	NOM	W DIXIE HY	GRIFFING BD
NOM-0080.0000	NOM	NE 6 AV	NE 125 ST
NOM-0082.0000	NOM	NE 6 AV	NE 128 ST
NOM-0084.0000	NOM	NE 6 AV	APPROX # 13251
NOM-0086.0000	NOM	NE 6 AV	NE 135 ST
NOM-0087.0000	NOM	NE 6 AV	NE 137 ST
NOM-0088.0000	NOM	NE 6 AV	NE 139 ST
NOM-0089.0000	NOM	NE 6 AV	NE 141 ST
NOM-0090.0000	NOM	NE 6 AV	NE 143 ST
NOM-0091.0000	NOM	NE 6 AV	NE 145 ST
NOM-0092.0000	NOM	NE 6 AV	NE 147 ST
NOM-0093.0000	NOM	NE 6 AV	NE 147 ST
NOM-0094.0000	NOM	NE 6 AV	NE 145 ST
NOM-0095.0000	NOM	NE 6 AV	NE 143 ST
NOM-0096.0000	NOM	NE 6 AV	NE 141 ST
NOM-0097.0000	NOM	NE 6 AV	NE 139 ST
NOM-0098.0000	NOM	NE 6 AV	NE 137 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
NOM-0099.0000	NOM	NE 6 AV	NE 135 ST
NOM-0100.0100	NOM	NE 6 AV	NE 132 TE
NOM-0101.0000	NOM	NE 6 AV	NE 131 ST
NOM-0103.0000	NOM	NE 6 AV	NE 128 ST
NOM-0104.0000	NOM	NE 6 AV	W DIXIE HY
NOM-0123.0000	NOM	NW 7 AV	NW 123 ST
NOM-0124.0000	NOM	NW 7 AV	NW 125 ST
NOM-0126.0000	NOM	NW 7 AV	NW 129 ST
NOM-0128.0000	NOM	NW 7 AV	NW 133 ST
NOM-0130.0000	NOM	NW 7 AV	OPA LOCKA BD
NOM-0131.0000	NOM	NW 7 AV	NW 140 ST
NOM-0132.0000	NOM	NW 7 AV	NW 141 ST
NOM-0133.0000	NOM	NW 7 AV	NW 135 ST
NOM-0134.0000	NOM	NW 7 AV	NW 133 ST
NOM-0135.0000	NOM	NW 7 AV	NW 131 ST
NOM-0136.0000	NOM	NW 7 AV	NW 129 ST
NOM-0138.0000	NOM	NW 7 AV	NW 125 ST
NOM-0139.0000	NOM	NW 7 AV	NW 123 ST
NOM-0541.0100	NOM	NE 125 ST	NE 11 PL
NOM-0545.0000	NOM	NE 125 ST	NE 13 AV
NOM-0545.0100	NOM	NE 125 ST	NE 12 AV
OPL-0000.1000	OPL	NW 22 AV	NW 135 ST
OPL-0001.0000	OPL	NW 22 AV	OPA LOCKA BD
OPL-0003.0000	OPL	NW 22 AV	BURLINGTON ST
OPL-0004.0000	OPL	NW 22 AV	WILMINGTON ST
OPL-0005.0000	OPL	NW 22 AV	ALI BABA AV
OPL-0009.0000	OPL	NW 22 AV	NW 143 ST
OPL-0010.0000	OPL	NW 22 AV	NW 141 ST
OPL-0012.0000	OPL	NW 22 AV	OPA LOCKA BD
OPL-0013.0000	OPL	NW 27 AV	NW 136 ST
OPL-0021.0000	OPL	NW 27 AV	WILMINGTON ST
OPL-0022.0000	OPL	NW 27 AV	YORK ST
OPL-0024.0000	OPL	NW 27 AV	NW 135 ST
OPL-0024.0100	OPL	NW 27 AV	NW 132 ST
OPL-0025.0000	OPL	NW 27 AV	NW 131 ST
OPL-0025.0500	OPL	NW 27 AV	#12940
OPL-0026.0000	OPL	NW 27 AV	NW 127 ST
OPL-0026.0700	OPL	SINBAD AV	NW 135 ST
OPL-0026.0900	OPL	SINBAD AV	OPA LOCKA BD
OPL-0026.1000	OPL	SINBAD AV	OPA LOCKA BD
OPL-0026.1100	OPL	SINBAD AV	SUPERIOR ST
OPL-0029.0100	OPL	PERVIZ AV	SHARAZAD BD
OPL-0030.0000	OPL	OPA LOCKA BD	SHARAZAD BD
OPL-0032.0000	OPL	OPA LOCKA BD	WEST DR
OPL-0034.0000	OPL	OPA LOCKA BD	RUTLAND ST
OPL-0036.0000	OPL	OPA LOCKA BD	CALIPH AV
OPL-0041.0100	OPL	NW 32 AV	NW 131 ST
OPL-0041.0200	OPL	NW 32 AV	NW 132 TE
OPL-0041.0300	OPL	NW 32 AV	NW 135 ST

PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
OPL-0111.0000	OPL	NW 135 ST	SINBAD AV
OPL-0123.0300	OPL	SHARAZAD BD	PERVIZ AV
OPL-0124.0600	OPL	ALI BABA AV	PERVIZ AV
OPL-0125.0070	OPL	NW 151 ST	NW 33 CT
SIB-0006.0000	SIB	COLLINS AV	159 ST-KINGS PT DR
SIB-0007.0000	SIB	COLLINS AV	160 ST
SIB-0008.0000	SIB	COLLINS AV	ATLANTIC AV
SIB-0009.0000	SIB	COLLINS AV	SUNNY ISLES BD
SIB-0010.0000	SIB	COLLINS AV	OP # 16830
SIB-0011.0000	SIB	COLLINS AV	170 ST
SIB-0012.0000	SIB	COLLINS AV	172 ST
SIB-0013.0000	SIB	COLLINS AV	174 ST
SIB-0019.0000	SIB	COLLINS AV	183 ST
SIB-0020.0000	SIB	COLLINS AV	185 ST
SIB-0023.0000	SIB	COLLINS AV	192 ST
SIB-0029.0000	SIB	COLLINS AV	186 ST
SIB-0031.0000	SIB	COLLINS AV	183 ST
SIB-0032.0000	SIB	COLLINS AV	182 ST
SIB-0033.0000	SIB	COLLINS AV	# 18080
SIB-0034.0000	SIB	COLLINS AV	178 ST
SIB-0035.0000	SIB	COLLINS AV	176 ST
SIB-0036.0000	SIB	COLLINS AV	174 ST
SIB-0037.0000	SIB	COLLINS AV	172 ST
SIB-0039.0000	SIB	COLLINS AV	# 16830
SIB-0039.0100	SIB	COLLINS AV	163 ST
SIB-0041.0000	SIB	COLLINS AV	ATLANTIC AV
SIB-0043.0000	SIB	COLLINS AV	159 ST-KINGS PT DR
SIB-0044.0000	SIB	COLLINS AV	BAYVIEW DR-158 ST
SIB-0060.0000	SIB	NE 163 ST	# 290 (COLONIAL BNK)
SIB-0060.0500	SIB	NE 163 ST	COLLINS AV
SIB-0061.0000	SIB	NE 163 ST	N BAY RD
SIB-0067.0000	SIB	174 ST	# 231
SUR-0003.0000	SUR	COLLINS AV	90 ST
SUR-0005.0000	SUR	COLLINS AV	92 ST
SUR-0012.0000	SUR	HARDING AV	93 ST
SUR-0015.0000	SUR	HARDING AV	90 ST
SWT-0001.0250	SWT	SW 107 AV	SW 3 ST
SWT-0002.0000	SWT	SW 107 AV	SW 7 ST
SWT-0007.0850	SWT	W FLAGLER ST	SW 114 AV
SWT-0010.0000	SWT	W FLAGLER ST	SW 109 AV
SWT-0011.0000	SWT	W FLAGLER ST	SW 107 AV
SWT-0014.0200	SWT	W FLAGLER ST	NW 112 AV
WMI-0005.0000	WMI	SW 8 ST	SW 65 AV
WMI-0006.0000	WMI	SW 8 ST	SW 64 AV
WMI-0007.0000	WMI	SW 8 ST	SW 63 AV
WMI-0010.0000	WMI	SW 8 ST	SW 59 AV

**PRELIMINARY FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
WMI-0011.0000	WMI	SW 8 ST	SW 58 AV
WMI-0012.0000	WMI	SW 8 ST	SW 57 AV
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST

***RESULTING LIST OF BUS STOPS
ALL FILTERS APPLIED***
***PRIOR TO APPLYING (AVG ONS) THRESHOLD
TO LIMIT LIST OF SITES FOR FIELD INVESTIGATION***

**ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
AVT-0002.0000	AVT	BISCAYNE BD	# 21280
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0003.0000	AVT	BISCAYNE BD	NE 209 ST
AVT-0007.0100	AVT	BISCAYNE BD	# 19000
AVT-0011.0000	AVT	BISCAYNE BD	NE 180 ST
AVT-0013.0000	AVT	BISCAYNE BD	NE 178 ST(POINT EAST)
AVT-0015.0000	AVT	BISCAYNE BD	NE 180 ST
AVT-0016.0000	AVT	BISCAYNE BD	NE 182 ST
AVT-0017.0000	AVT	BISCAYNE BD	NE 183 ST
AVT-0018.0000	AVT	BISCAYNE BB	NE 186 ST
AVT-0019.0000	AVT	BISCAYNE BD	NE 187 ST
AVT-0021.0000	AVT	BISCAYNE BD	NE 191 ST
AVT-0026.0000	AVT	BISCAYNE BD	NE 209 ST
AVT-0027.0000	AVT	BISCAYNE BD	NE 211 ST
AVT-0028.0000	AVT	BISCAYNE BD	NE 213 ST
AVT-0038.0000	AVT	NE 29 PL	AVENTURA BD
AVT-0040.0000	AVT	W COUNTRY CLUB DR	AVENTURA BD
AVT-0053.0000	AVT	W COUNTRY CLUB DR	TURNBERRY ISLE RESOR
AVT-0065.0000	AVT	AVENTURA BD	# 2900(FIRE STATION)
AVT-0067.0000	AVT	AVENTURA BD	199st
AVT-0069.0000	AVT	AVENTURA BD	# 2845
AVT-0069.0500	AVT	AVENTURA BD	BISCAYNE BD
AVT-1000.0000	AVT	AVENTURA MALL	FOOD COURT ENTRANCE
BHA-0004.0000	BHA	COLLINS AV	# 10225
ELP-0001.0000	ELP	NE 2 AV	NE 86 ST
ELP-0002.0000	ELP	NE 2 AV	NE 88 ST
ELP-0003.0000	ELP	NE 2 AV	NE 90 ST
ELP-0005.0000	ELP	NE 2 AV	NE 88 ST
FLC-0002.0000	FLC	NW 6 AV	NW 14 ST
FLC-0004.0100	FLC	NW 6 AV	NW 4 ST
FLC-0009.0000	FLC	NW 6 AV	NW 11 ST
HIA-0011.0000	HIA	E 8 AV	E 9 ST
HIA-0117.0000	HIA	E 1 AV	E 5 ST
HIA-0118.0000	HIA	E 1 AV	E 7 ST
HIA-0120.0000	HIA	E 1 AV	E 8 ST
HIA-0151.0000	HIA	PALM AV	W 8 ST
HIA-0157.0000	HIA	PALM AV	E 25 ST
HIA-0158.0000	HIA	PALM AV	E 27 ST
HIA-0159.0000	HIA	PALM AV	W 29 ST
HIA-0530.0000	HIA	E 9 ST	E 3 AV
HIA-0531.0000	HIA	E 9 ST	E 4 AV
HIA-0533.0000	HIA	E 9 ST	E 6 AV

ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
HIA-0534.0000	HIA	E 9 ST	E 7 AV
HIA-0543.0100	HIA	E 9 ST	E 7 AV
HIA-0546.0000	HIA	E 9 ST	E 4 AV
HIA-0547.0000	HIA	E 9 ST	E 3 AV
HIA-0548.0000	HIA	E 9 ST	E 2 AV
HIA-0572.0000	HIA	E 21 ST	E 1 AV
HIA-0586.0000	HIA	E 25 ST	E 6 AV
HIA-0587.0000	HIA	E 25 ST	E 7 AV
HIA-0588.0000	HIA	E 25 ST	E 8 AV
HIA-0589.0000	HIA	E 25 ST	E 9 AV
HIA-0590.0000	HIA	E 25 ST	E 10 AV
HIA-0593.0000	HIA	E 25 ST	E 10 AV
HIA-0594.0000	HIA	E 25 ST	E 9 AV
HIA-0596.0000	HIA	E 25 ST	E 7 AV
HIA-0597.0000	HIA	E 25 ST	E 6 AV
HIA-0598.0000	HIA	E 25 ST	E 5 AV
HIA-0624.0000	HIA	E 32 ST	PALM AV
HIA-0624.0100	HIA	E 32 ST	E 2 AV
HIA-0625.0000	HIA	E 32 ST	E 4 AV
HOM-0024.0000	HOM	SW 6 AV	SW 4 ST
HOM-0025.0000	HOM	SW 6 AV	SW 6 ST
HOM-0027.0000	HOM	SW 6 AV	SW 6 ST
HOM-0028.0000	HOM	SW 6 AV	SW 4 ST
HOM-0028.0100	HOM	SW 6 AV	W MOWRY DR
MD1-2016.0000	MD1	BUSWAY	SW 112 AV
MGD-0027.0000	MGD	N MIAMI AV	NW 184 TE
MGD-0028.0000	MGD	N MIAMI AV	NW 183 ST
MGD-0057.0000	MGD	NW 2 AV	NW 191 ST
MGD-0090.0000	MGD	NW 7 AV	NW 179 TE
MGD-0126.0000	MGD	NW 12 AV	NW 183 ST
MGD-0128.0000	MGD	NW 12 AV	NW 187 ST
MGD-0129.0000	MGD	NW 12 AV	NW 188 TE
MGD-0130.0000	MGD	NW 12 AV	NW 191 ST
MGD-0134.0000	MGD	NW 12 AV	NW 195 ST
MGD-0139.0000	MGD	NW 12 AV	NW 183 ST
MGD-0153.0000	MGD	NW 13 AV	NW 167 ST
MGD-0154.0000	MGD	NW 13 AV	NW 167 ST
MGD-0155.0000	MGD	NW 13 AV	NW 165 ST
MGD-0157.0000	MGD	NW 13 AV	NW 159 ST
MGD-0220.0000	MGD	NW 22 AV	NW 151 ST
MGD-0221.0000	MGD	NW 22 AV	NW 152 TE
MGD-0222.0000	MGD	NW 22 AV	NW 155 ST
MGD-0223.0000	MGD	NW 22 AV	E BUNCHE PARK DR S
MGD-0224.0000	MGD	NW 22 AV	# 15825
MGD-0230.0000	MGD	NW 22 AV	NW 175 ST
MGD-0232.0000	MGD	NW 22 AV	NW 181 ST
MGD-0233.0000	MGD	NW 22 AV	NW 183 ST
MGD-0236.0000	MGD	NW 22 AV	NW 191 ST

ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MGD-0237.0000	MGD	NW 22 AV	NW 190 TE
MGD-0241.0000	MGD	NW 22 AV	NW 181 ST
MGD-0243.0000	MGD	NW 22 AV	NW 175 ST
MGD-0244.0000	MGD	NW 22 AV	NW 171 ST
MGD-0247.0000	MGD	NW 22 AV	NW 166 ST
MGD-0248.0000	MGD	NW 22 AV	E BUNCHE PARK DR N
MGD-0249.0000	MGD	NW 22 AV	NW 158 ST
MGD-0250.0000	MGD	NW 22 AV	W BUNCHE PARK DR
MGD-0251.0000	MGD	NW 22 AV	NW 154 ST
MGD-0252.0000	MGD	NW 22 AV	NW 151 ST
MGD-0306.0000	MGD	NW 27 AV	NW 165 ST
MGD-0336.0000	MGD	NW 27 AV	NW 159 ST
MGD-0337.0000	MGD	NW 27 AV	NW 156 ST
MGD-0338.0000	MGD	NW 27 AV	NW 154 ST
MGD-0346.0000	MGD	NW 32 AV	NW 154 TE
MGD-0347.0000	MGD	NW 32 AV	NW 157 ST
MGD-0350.0000	MGD	NW 32 AV	NW 163 ST
MGD-0361.0000	MGD	NW 32 AV	NW 165 ST
MGD-0363.0000	MGD	NW 32 AV	NW 161 TE
MGD-0364.0000	MGD	NW 32 AV	NW 159 ST
MGD-0365.0000	MGD	NW 32 AV	NW 157 ST
MGD-0367.0000	MGD	NW 32 AV	NW 151 ST
MGD-0382.0000	MGD	NW 37/42 AV CONNECTO	NW 159 ST
MGD-0395.0000	MGD	NW 37 AV	NW 163 ST
MGD-0396.0000	MGD	NW 37 AV	NW 165 ST
MGD-0398.0000	MGD	NW 37 AV	# 18451
MGD-0399.0000	MGD	NW 37 AV	NW 187 ST
MGD-0400.0000	MGD	NW 37 AV	NW 188 ST
MGD-0401.0000	MGD	NW 37 AV	NW 191 ST
MGD-0403.0000	MGD	NW 37 AV	NW 194 ST
MGD-0404.0000	MGD	NW 37 AV	NW 196 LA
MGD-0405.0000	MGD	NW 37 AV	NW 199 ST
MGD-0412.0000	MGD	NW 37 AV	NW 209 TE
MGD-0414.0000	MGD	NW 37 AV	NW 207 DR
MGD-0416.0000	MGD	NW 37 AV	NW 199 ST
MGD-0417.0000	MGD	NW 37 AV	NW 196 LA
MGD-0418.0000	MGD	NW 37 AV	NW 194 ST
MGD-0421.0000	MGD	NW 37 AV	NW 187 ST
MGD-0422.0000	MGD	NW 37 AV	# 18450
MGD-0423.0000	MGD	NW 37 AV	NW 169 TE
MGD-0424.0000	MGD	NW 37 AV	NW 167 ST
MGD-0425.0000	MGD	NW 37 AV	NW 165 ST
MGD-0426.0000	MGD	NW 37 AV	NW 163 ST
MGD-0440.0000	MGD	NW 42 AV	NW 157 ST
MGD-0441.0000	MGD	NW 42 AV	NW 159 ST
MGD-0442.0000	MGD	NW 42 AV	NW 163 ST

ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MGD-0450.0000	MGD	NW 42 AV	NW 163 ST
MGD-0451.0000	MGD	NW 42 AV	NW 159 ST
MGD-0452.0000	MGD	NW 42 AV	NW 157 ST
MGD-0486.0000	MGD	NW 47 AV	NW 170 ST
MGD-0487.0000	MGD	NW 47 AV	NW 173 DR
MGD-0491.0000	MGD	NW 47 AV	NW 181 TE
MGD-0708.0000	MGD	NW 151 ST	NW 33 CT
MGD-0741.0000	MGD	NW 160 ST	NW 18 PL
MGD-0992.0000	MGD	NW 183 ST	NW 34 CT
MGD-0993.0000	MGD	NW 183 ST	NW 37 AV
MGD-0998.0000	MGD	NW 183 ST	OP # 4500
MGD-1012.0000	MGD	NW 191 ST	NW 43 AV
MGD-1049.0000	MGD	NW 199 ST	NW 11 AV
MGD-1050.0000	MGD	NW 199 ST	NW 9 AV
MGD-1052.0000	MGD	NW 199 ST	NW 6 AV
MGD-1053.0000	MGD	NW 199 ST	NW 5 AV
MGD-1054.0000	MGD	NW 199 ST	NW 2 AV
MGD-1058.0000	MGD	NW 199 ST	NW 3 PL
MGD-1059.0000	MGD	NW 199 ST	NW 7 AV
MGD-1060.0000	MGD	NW 199 ST	NW 9 AV
MGD-1094.0000	MGD	NW 207 ST	NW 27 AV
MGD-1095.0000	MGD	NW 207 ST	NW 29 AV
MGD-1136.0000	MGD	NW 213 ST	NW 37 AV
MLK-0041.0000	MLK	NW 67 AV	WINDMILL GATE RD
MLK-0046.0000	MLK	NW 67 AV	MIAMI LAKEWAY N
MLK-0125.0000	MLK	MIAMI LAKES DR E	NW 67 AV
MLK-0126.0000	MLK	MIAMI LAKES DR E	OP # 15000
MLK-0136.0000	MLK	MIAMI LAKES DR E	NW 60 AV
MSH-0004.0800	MSH	BISCAYNE BD	NE 87 ST
MSH-0019.0000	MSH	BISCAYNE BD	NE 87 ST
MSH-0021.0000	MSH	NE 6 AV	NE 91 ST (CLUB DR)
MSH-0023.0000	MSH	NE 6 AV	NE 96 ST
MSH-0026.0000	MSH	NE 6 AV	NE 103 ST
MSH-0027.0000	MSH	NE 6 AV	NE 105 ST
MSH-0031.0100	MSH	NE 6 AV	NE 96 ST
MSH-0033.0000	MSH	NE 6 AV	NE 92 ST
MSH-0034.0100	MSH	NE 2 AV	NE 92 ST
MSH-0035.0000	MSH	NE 2 AV	NE 94 ST
MSH-0036.0000	MSH	NE 2 AV	NE 96 ST
MSH-0037.0000	MSH	NE 2 AV	NE 100 ST
MSH-0038.0000	MSH	NE 2 AV	NE 103 ST
MSH-0039.0000	MSH	NE 2 AV	NE 105 ST
MSH-0044.0000	MSH	NE 2 AV	NE 114 ST
MSH-0047.0000	MSH	NE 2 AV	NE 107 ST

ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
MSH-0048.0000	MSH	NE 2 AV	NE 105 ST
MSH-0049.0000	MSH	NE 2 AV	NE 103 ST
MSH-0050.0000	MSH	NE 2 AV	NE 101 ST
MSH-0050.0100	MSH	NE 2 AV	NE 98 ST
MSH-0051.0000	MSH	NE 2 AV	NE 95 ST
MSH-0052.0000	MSH	NE 2 AV	NE 93 ST
MSP-0028.0000	MSP	NW 36 ST	FORREST DR
MSP-0029.0000	MSP	NW 36 ST	EAST DR
NMB-0011.0000	NMB	BISCAYNE BD	NE 135 ST
NMB-0012.0000	NMB	BISCAYNE BD	# 13675
NMB-0012.0100	NMB	BISCAYNE BD	OP # 13702
NMB-0013.0000	NMB	BISCAYNE BD	NE 139 ST
NMB-0014.0000	NMB	BISCAYNE BD	NE 140 ST
NMB-0014.0100	NMB	BISCAYNE BD	NE 143 ST
NMB-0016.0000	NMB	BISCAYNE BD	NE 146 ST
NMB-0019.0000	NMB	BISCAYNE BD	NE 172 ST
NMB-0020.0000	NMB	BISCAYNE BD	NE 172 ST
NMB-0023.0000	NMB	BISCAYNE BD	NE 163 ST
NMB-0026.0000	NMB	BISCAYNE BD	NE 146 ST
NMB-0026.0100	NMB	BISCAYNE BD	NE 144 ST
NMB-0027.0000	NMB	BISCAYNE BD	# 14100
NMB-0028.0000	NMB	BISCAYNE BD	# 13700
NMB-0029.0000	NMB	BISCAYNE BD	NE 135 ST
NMB-0031.0000	NMB	NE 19 AV	NE 183 ST
NMB-0032.0000	NMB	NE 19 AV	NE 181 ST
NMB-0033.0000	NMB	NE 19 AV	NE 179 ST
NMB-0037.0000	NMB	NE 19 AV	NE 171 ST
NMB-0047.0000	NMB	NE 19 AV	NE 173 ST
NMB-0049.0000	NMB	NE 19 AV	NE 177 ST
NMB-0051.0000	NMB	NE 19 AV	NE 181 ST
NMB-0052.0150	NMB	NE 18 AV	NE 185 ST
NMB-0058.0000	NMB	NE 16 AV	NE 154 TE
NMB-0059.0000	NMB	NE 16 AV	NE 153 TE
NMB-0091.0000	NMB	NE 10 AV	NE 175 ST
NMB-0092.0000	NMB	NE 10 AV	NE 177 TE
NMB-0095.0100	NMB	NE 10 AV	NE 179 TE
NMB-0096.0000	NMB	NE 10 AV	NE 177 ST
NMB-0099.0300	NMB	NE 6 AV	NE 177 ST
NMB-0100.0000	NMB	NE 6 AV	NE 175 ST
NMB-0102.0000	NMB	NE 6 AV	NE 170 ST
NMB-0102.0100	NMB	NE 6 AV	OP # 16811
NMB-0506.0000	NMB	NE 163 ST	NE 20 AV
NMB-0510.0000	NMB	NE 163 ST	NE 35 AV
NMB-0510.0100	NMB	NE 163 ST	INTERAMA BD
NMB-0510.0150	NMB	NE 163 ST	# 3067
NMB-0510.0200	NMB	NE 163 ST	AT # 2935
NMB-0510.0400	NMB	NE 163 ST	NE 26 AV
NMB-0511.0000	NMB	NE 163 ST	BISCAYNE BD
NMB-0512.0000	NMB	NE 163 ST	NE 23 AV

**ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
NMB-0513.0000	NMB	NE 163 ST	NE 22 AV
NMB-0515.0100	NMB	NE 163 ST	NE 18 AV
NMB-0516.0100	NMB	NE 163 ST	NE 16 AV
NMB-0517.0000	NMB	NE 163 ST	NE 12 AV
NMB-0533.0000	NMB	NE 167 ST	NE 7 AV
NMB-0534.0000	NMB	NE 167 ST	NE 6 AV
NMB-0536.0000	NMB	NE 167 ST	NE 2 AV
NMB-0554.0000	NMB	NE 171 ST	NE 17 AV
NMB-0567.0000	NMB	NE 185 ST	NE 21 AV
NOM-0004.0000	NOM	BISCAYNE BD	NE 127 ST
NOM-0005.0000	NOM	BISCAYNE BD	IXORA LA
NOM-0005.0500	NOM	BISCAYNE BD	NE 135 ST
NOM-0005.0600	NOM	BISCAYNE BLVD	NE 151 ST
NOM-0005.0800	NOM	BISCAYNE BLVD	NE 156 ST
NOM-0005.0900	NOM	BISCAYNE BD	NE 156 ST
NOM-0005.1000	NOM	BISCAYNE BD	NE 151 ST
NOM-0009.0000	NOM	BISCAYNE BD	NE 125 ST
NOM-0010.0000	NOM	BISCAYNE BD	NE 123 ST
NOM-0012.0000	NOM	NE 16 AV	NE 143 ST
NOM-0019.0100	NOM	NE 16 AV	NE 125 ST
NOM-0021.0000	NOM	NE 16 AV	NE 123 TE
NOM-0029.0000	NOM	NE 16 AV	NE 143 ST
NOM-0053.0000	NOM	W DIXIE HY	GRIFFING BD
NOM-0053.0100	NOM	W DIXIE HY	NE 123 ST
NOM-0072.0000	NOM	W DIXIE HY	GRIFFING BD
NOM-0080.0000	NOM	NE 6 AV	NE 125 ST
NOM-0082.0000	NOM	NE 6 AV	NE 128 ST
NOM-0084.0000	NOM	NE 6 AV	APPROX # 13251
NOM-0086.0000	NOM	NE 6 AV	NE 135 ST
NOM-0087.0000	NOM	NE 6 AV	NE 137 ST
NOM-0088.0000	NOM	NE 6 AV	NE 139 ST
NOM-0089.0000	NOM	NE 6 AV	NE 141 ST
NOM-0090.0000	NOM	NE 6 AV	NE 143 ST
NOM-0091.0000	NOM	NE 6 AV	NE 145 ST
NOM-0092.0000	NOM	NE 6 AV	NE 147 ST
NOM-0093.0000	NOM	NE 6 AV	NE 147 ST
NOM-0094.0000	NOM	NE 6 AV	NE 145 ST
NOM-0095.0000	NOM	NE 6 AV	NE 143 ST
NOM-0096.0000	NOM	NE 6 AV	NE 141 ST
NOM-0097.0000	NOM	NE 6 AV	NE 139 ST
NOM-0098.0000	NOM	NE 6 AV	NE 137 ST
NOM-0100.0100	NOM	NE 6 AV	NE 132 TE
NOM-0101.0000	NOM	NE 6 AV	NE 131 ST
NOM-0103.0000	NOM	NE 6 AV	NE 128 ST
NOM-0104.0000	NOM	NE 6 AV	W DIXIE HY
NOM-0123.0000	NOM	NW 7 AV	NW 123 ST
NOM-0124.0000	NOM	NW 7 AV	NW 125 ST
NOM-0126.0000	NOM	NW 7 AV	NW 129 ST
NOM-0128.0000	NOM	NW 7 AV	NW 133 ST

ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
NOM-0130.0000	NOM	NW 7 AV	OPA LOCKA BD
NOM-0131.0000	NOM	NW 7 AV	NW 140 ST
NOM-0132.0000	NOM	NW 7 AV	NW 141 ST
NOM-0133.0000	NOM	NW 7 AV	NW 135 ST
NOM-0134.0000	NOM	NW 7 AV	NW 133 ST
NOM-0135.0000	NOM	NW 7 AV	NW 131 ST
NOM-0136.0000	NOM	NW 7 AV	NW 129 ST
NOM-0138.0000	NOM	NW 7 AV	NW 125 ST
NOM-0139.0000	NOM	NW 7 AV	NW 123 ST
NOM-0541.0100	NOM	NE 125 ST	NE 11 PL
NOM-0545.0100	NOM	NE 125 ST	NE 12 AV
OPL-0000.1000	OPL	NW 22 AV	NW 135 ST
OPL-0001.0000	OPL	NW 22 AV	OPA LOCKA BD
OPL-0003.0000	OPL	NW 22 AV	BURLINGTON ST
OPL-0004.0000	OPL	NW 22 AV	WILMINGTON ST
OPL-0005.0000	OPL	NW 22 AV	ALI BABA AV
OPL-0009.0000	OPL	NW 22 AV	NW 143 ST
OPL-0010.0000	OPL	NW 22 AV	NW 141 ST
OPL-0012.0000	OPL	NW 22 AV	OPA LOCKA BD
OPL-0013.0000	OPL	NW 27 AV	NW 136 ST
OPL-0021.0000	OPL	NW 27 AV	WILMINGTON ST
OPL-0022.0000	OPL	NW 27 AV	YORK ST
OPL-0024.0000	OPL	NW 27 AV	NW 135 ST
OPL-0024.0100	OPL	NW 27 AV	NW 132 ST
OPL-0025.0000	OPL	NW 27 AV	NW 131 ST
OPL-0025.0500	OPL	NW 27 AV	#12940
OPL-0026.0000	OPL	NW 27 AV	NW 127 ST
OPL-0026.0700	OPL	SINBAD AV	NW 135 ST
OPL-0026.0900	OPL	SINBAD AV	OPA LOCKA BD
OPL-0026.1000	OPL	SINBAD AV	OPA LOCKA BD
OPL-0026.1100	OPL	SINBAD AV	SUPERIOR ST
OPL-0029.0100	OPL	PERVIZ AV	SHARAZAD BD
OPL-0030.0000	OPL	OPA LOCKA BD	SHARAZAD BD
OPL-0032.0000	OPL	OPA LOCKA BD	WEST DR
OPL-0034.0000	OPL	OPA LOCKA BD	RUTLAND ST
OPL-0036.0000	OPL	OPA LOCKA BD	CALIPH AV
OPL-0041.0100	OPL	NW 32 AV	NW 131 ST
OPL-0041.0200	OPL	NW 32 AV	NW 132 TE
OPL-0041.0300	OPL	NW 32 AV	NW 135 ST
OPL-0111.0000	OPL	NW 135 ST	SINBAD AV
OPL-0123.0300	OPL	SHARAZAD BD	PERVIZ AV
OPL-0124.0600	OPL	ALI BABA AV	PERVIZ AV
OPL-0125.0070	OPL	NW 151 ST	NW 33 CT
SIB-0006.0000	SIB	COLLINS AV	159 ST-KINGS PT DR
SIB-0007.0000	SIB	COLLINS AV	160 ST
SIB-0008.0000	SIB	COLLINS AV	ATLANTIC AV
SIB-0009.0000	SIB	COLLINS AV	SUNNY ISLES BD
SIB-0010.0000	SIB	COLLINS AV	OP # 16830

**ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
SIB-0011.0000	SIB	COLLINS AV	170 ST
SIB-0012.0000	SIB	COLLINS AV	172 ST
SIB-0013.0000	SIB	COLLINS AV	174 ST
SIB-0019.0000	SIB	COLLINS AV	183 ST
SIB-0020.0000	SIB	COLLINS AV	185 ST
SIB-0023.0000	SIB	COLLINS AV	192 ST
SIB-0029.0000	SIB	COLLINS AV	186 ST
SIB-0031.0000	SIB	COLLINS AV	183 ST
SIB-0032.0000	SIB	COLLINS AV	182 ST
SIB-0033.0000	SIB	COLLINS AV	# 18080
SIB-0034.0000	SIB	COLLINS AV	178 ST
SIB-0035.0000	SIB	COLLINS AV	176 ST
SIB-0036.0000	SIB	COLLINS AV	174 ST
SIB-0037.0000	SIB	COLLINS AV	172 ST
SIB-0039.0000	SIB	COLLINS AV	# 16830
SIB-0039.0100	SIB	COLLINS AV	163 ST
SIB-0041.0000	SIB	COLLINS AV	ATLANTIC AV
SIB-0043.0000	SIB	COLLINS AV	159 ST-KINGS PT DR
SIB-0044.0000	SIB	COLLINS AV	BAYVIEW DR-158 ST
SIB-0060.0000	SIB	NE 163 ST	# 290 (COLONIAL BNK)
SIB-0060.0500	SIB	NE 163 ST	COLLINS AV
SIB-0061.0000	SIB	NE 163 ST	N BAY RD
SIB-0067.0000	SIB	174 ST	# 231
SUR-0003.0000	SUR	COLLINS AV	90 ST
SUR-0005.0000	SUR	COLLINS AV	92 ST
SUR-0012.0000	SUR	HARDING AV	93 ST
SUR-0015.0000	SUR	HARDING AV	90 ST
SWT-0001.0250	SWT	SW 107 AV	SW 3 ST
SWT-0002.0000	SWT	SW 107 AV	SW 7 ST
SWT-0007.0850	SWT	W FLAGLER ST	SW 114 AV
SWT-0010.0000	SWT	W FLAGLER ST	SW 109 AV
SWT-0011.0000	SWT	W FLAGLER ST	SW 107 AV
SWT-0014.0200	SWT	W FLAGLER ST	NW 112 AV
WMI-0005.0000	WMI	SW 8 ST	SW 65 AV
WMI-0006.0000	WMI	SW 8 ST	SW 64 AV
WMI-0007.0000	WMI	SW 8 ST	SW 63 AV
WMI-0010.0000	WMI	SW 8 ST	SW 59 AV
WMI-0011.0000	WMI	SW 8 ST	SW 58 AV
WMI-0012.0000	WMI	SW 8 ST	SW 57 AV
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST
HIA-0529.0000			
HIA-0536.0000			
HIA-0542.0100			

**ALL FILTERS APPLIED
RESULTING LIST OF POTENTIAL SITES**

BUSSTOP_ID	DISTRICT	MAIN_ST	CROSS_ST
HIA-0542.0100			
MGD-0132.0000			
MGD-0136.0000			
MGD-0309.0000			
NMB-0570.0000			
MSP-0014.0000			
OPL-0014.0000			
OPL-0002.0000			
OPL-0011.0000			
OPL-0006.0000			

Appendix E

Selected Site Locations Data & Information Summaries

- **Summary of Field Notes from Site Investigation**
- **Summary from MPO: Municipality List of Federal Stimulus Projects**

**SUMMARY OF FIELD NOTES
FROM SITE INVESTIGATION**

Appendix E
Site Investigation Field Notes

BUSSTOP ID	District	Suitability	Comment/Notes
AVT-0002.0000	AVT	N	Does not clear curb, next to utility pole, private property hedge. Bench and garbage can
AVT-0003.0000	AVT	S	Existing Shelter
AVT-0007.0100	AVT	Y	Space maintained on all three sides. Clears back of curb. Has bench and garbage can
AVT-0017.0000	AVT	N	No room for shelter, no bus sign
AVT-0018.0000	AVT	N	Two utility poles, has a bench and a garbage can
AVT-0019.0000	AVT	N	Does not clear back of curb, 2 feet from utility pole
AVT-0038.0000	AVT	N	Does not clear back of curb, does not have vertical clearance
AVT-0040.0000	AVT	Y	Clear back of curb, plenty of swale space. Has bench and garbage can
AVT-0065.0000	AVT	Y	Clears back of curb, has no poles, plenty of room
AVT-0067.0000	AVT	P	Possible. No vertical clearance, but can be fixed
AVT-0069.0000	AVT	P	Plenty of space. Check if a shelter is there already
AVT-0069.0500	AVT	Y	Plenty of space around it
AVT-1000.0000	AVT	N	In the middle of the mall, it has all-weather protection on both sides of the mall's entrance
FLC-0002.0000	FLC	N	Not suitable. Stop is immediately next to fire hydrant and Utility pole. No space on sidewalk
FLC-0003.0000	FLC	P	Possibly suitable. Has 1 bench. Plenty of space around it. Need to check ridership.
FLC-0003.0000	FLC	P	Possibly suitable. Has 1 bench. Plenty of space around it. Need to check ridership.
FLC-0009.0000	FLC	S	Existing Shelter - It sits right in front of a church
HIA-0118.0000	HIA	P	Possibly suitable, only with agreement with church, as space only in church property. Bus lane provides access. Utility pole nearby
HIA-0120.0000	HIA	N	Stop and bench abuts fenced private parking lot. No space
HIA-0159.0000	HIA	N	Unsuitable, stop is under utility pole stay. Little space, abuts Hialeah race track
HIA-0530.0000	HIA	P	Possible, need to negotiate with private property owner. Abuts a private parking lot. Tree above can be trimmed
HIA-0546.0000	HIA	N	Unsuitable. Bench sits on Sedano's property. Utility Pole
HIA-0547.0000	HIA	N	Not suitable. Too close to private property on back
HIA-0572.0000	HIA	P	Possible site. Across from Metrorail station. 1 bench. Abuts private property fence, negotiate. Utility pole. Faded bus sign 50 yards east.
HIA-0590.0000	HIA	N	Bus stop is a utility pole. No space for shelter
HIA-0596.0000	HIA	N	Stop abuts Hialeah Hospital wall, right next to sidewalk. Utility pole next to it. It has a bench
HOM-0025.0000	HOM	P	Possible. On corner. Close-by utility pole. Appears plenty of space to build a shelter
HOM-0027.0000	HOM	P	Possible. Close to corner. Utility pole nearby. Also walkway. However, land can be reconfigured to fit a shelter
HOM-0028.0000	HOM	N	Abuts train tracks. No space
HOM-0028.0100	HOM	P	Limited distance from back of curb. However, plenty of space in the back. Pedestrian Pathway adequate if property taken from utility easement
MD1-2016.0000	MD1	S	Existing Shelter
MD4-0710.0125	MD4	S	Existing Shelter
MD4-0710.0520	MD4	S	Existing Shelter
MD4-0710.0650	MD4	P	Possible Shelter - Has bench and garbage - Investigate ridership, other suitability factors
MD6-0560.0100	MD6		
MD6-0564.0200	MD6		
MGD-0090.0000	MGD	Y	Plenty of space, no utility poles, residential area
MGD-0129.0000	MGD	N	Too close to the curb, too close to intersection, no space to move stop to accommodate shelter due to residential driveway
MGD-0130.0000	MGD	Y	Plenty of space ahead of the stop, lots of swale
MGD-0134.0000	MGD	N	Does not clear curb, private fence to the back, has bench and garbage can
MGD-0139.0000	MGD	N	Does not clear curb, sidewalk to the back, private property fence directly to the back
MGD-0223.0000	MGD	N	Does not clear curb, sidewalk to the back, private property fence directly to the back
MGD-0233.0000	MGD	N	Does not clear curb, sidewalk to the back, private property fence directly to the back
MGD-0236.0000	MGD	P	If stop is moved about 15 feet, shelter can be built on existing swale
MGD-0243.0000	MGD	N	Does not clear curb, too close to utility pole, sidewalk to the back, private property fence directly to the back
MGD-0248.0000	MGD	N	Does not clear curb, sidewalk to the back, private property fence directly to the back
MGD-0249.0000	MGD	N	Does not clear curb, sidewalk to the back, private property fence directly to the back, has bench and garbage can
MGD-0250.0000	MGD	N	Utility pole close by, too close to intersection, gas station directly behind, has bench and garbage can
MGD-0251.0000	MGD	N	Does not clear curb, sidewalk to the back, private property fence directly to the back
MGD-0252.0000	MGD	Y	Plenty of swale to the back, has bench and garbage can
MGD-0306.0000	MGD	P	Has bench and garbage can, abuts private (commercial mall) parking lot, shelter can be built under agreement with mall
MGD-0336.0000	MGD	Y	Has bench and garbage can, plenty of room in the back
MGD-0337.0000	MGD	N	Private property (storage area) immediately to the back, no space
MGD-0396.0000	MGD	S	Existing Shelter
MGD-0399.0000	MGD	N	Private property fence immediately to the back, does not clear curb, directly next to a telephone utility pole
MGD-0400.0000	MGD	N	Private property fence immediately to the back, does not clear curb, directly next to a telephone utility pole
MGD-0401.0000	MGD	Y	Although next to a pole, shelter can be moved forward, plenty of swale
MGD-0403.0000	MGD	Y	Although next to a pole, shelter can be moved forward, plenty of swale
MGD-0416.0000	MGD	S	Existing Shelter
MGD-0421.0000	MGD	N	Next to a busy intersection, flanked by two poles, commercial parking lot to the immediate back
MGD-0423.0000	MGD	N	Private property fence immediately to the back
MGD-0451.0000	MGD	P	Unlikely candidate, has a fence and garbage can, sits immediately next to private property, shelter could possibly be built on swale, though not comfortably
MGD-0981.0000	MGD	N	Flanked by 2 utility poles, a fire hydrant and a busy intersection, private property immediately to the back
MGD-0993.0000	MGD	Y	Lots of swale space in the back, no utility poles, already has a bench and a garbage can
MGD-1054.0000	MGD	N	Immediately abuts a commercial parking lot, it has two benches and a garbage can
MGD-1058.0000	MGD	Y	Plenty of swale space to the back, no impediments

Appendix E
Site Investigation Field Notes

BUSTOP ID	District	Suitability	Comment/Notes
MGD-1094.0000	MGD	S	Existing Shelter
MGD-1095.0000	MGD	S	Existing Shelter
MGD-1136.0000	MGD	N	Does not clear curb, sidewalk to the back, private property fence directly to the back, has bench and garbage can
MLK-0041.0000	MLK	P	Appears suitable. Right next to commercial, retail, restaurant area. Lots of patronage
MLK-0135.0000	MLK	P	Appears suitable. Need further investigation as to ridership, other suitability factors
MLK-0136.0000	MLK	Y	Highly suitable. Lots of shade already there, though. Park-like environment. No constraints, lots of buses already stop there
MSH-0004.0800	MSH	P	Although close to an intersection, lots of swale to the back, no utility pole
MSH-0019.0000	MSH	N	No swale, close to a pole, close to a driveway, light pole, green area to the back appears private property
MSH-0021.0000	MSH	Y	Plenty of room to all 3 sides, has a bench. Next to a Publix
MSH-0033.0000	MSH	N	Stop located on the sidewalk, building directly behind it, next to a light pole.
MSH-0036.0000	MSH	N	No sign, no space, gas station directly behind it
MSH-0037.0000	MSH	Y	Plenty of room on all sides
MSP-0028.0000	MSP	N	Stops sit underneath a private property roof. No space. Right next to a very busy street.
NMB-0011.0000	NMB	N	On a sidewalk on a busy street, too close to a fire hydrant, has a commercial parking lot to the back
NMB-0012.0000	NMB	N	Too close to a fire hydrant, built on a sidewalk, has private commercial property to the back
NMB-0013.0000	NMB	Y	Although close to a fire hydrant and utility pole, it can be moved back. Plenty of swale space. Two benches and a garbage can
NMB-0014.0000	NMB	S	Existing Shelter
NMB-0016.0000	NMB	N	Very close to an intersection, includes utility and light pole, no vertical clearance, private parking lot to the back. It has 2 benches and a garbage can
NMB-0019.0000	NMB	N	Built on a very busy street, private property fence to the back, has 2 benches
NMB-0023.0000	NMB	Y	Lots of space, two benches and a garbage can
NMB-0026.0000	NMB	N	Not enough room, private parking lot to the back
NMB-0027.0000	NMB	S	Existing Shelter
NMB-0029.0000	NMB	N	No space to the back, stop between fire hydrant and light pole. Two benches and garbage can
NMB-0031.0000	NMB	S	Existing Shelter
NMB-0032.0000	NMB	Y	Plenty of space, bench
NMB-0037.0000	NMB	N	Stop built on private property already
NMB-0047.0000	NMB	P	Lots of swale room, although it has two big palm trees to the back
NMB-0051.0000	NMB	P	Stop currently on sidewalk, needs to be moved forward to the swale
NMB-0052.0150	NMB	S	Existing Shelter
NMB-0095.0100	NMB	Y	Residential area, plenty of space
NMB-0506.0000	NMB	N	No space, abutting commercial (Burger King) property, bench and a garbage can
NMB-0510.0100	NMB	P	Check property issues to the back. It may be private. Bench and garbage can
NMB-0512.0000	NMB	N	No space, private parking lot to the back. 2 benches and a garbage can
NMB-0515.0100	NMB	Y	Plenty of room, clear curb, 2 benches and a garbage can
NMB-0516.0100	NMB	Y	Plenty of room, existing bench and garbage can
NMB-0517.0000	NMB	N	On a sidewalk, abutting private property, 1 bench, garbage can
NMB-0534.0000	NMB	P	Very close to a building and a tree. However, plenty of swale space
NMB-0536.0000	NMB	S	Existing Shelter
NOM-0004.0000	NOM	N	No vertical clearance, trees above, little space to the back, utility pole next to it. Two benches, no garbage can
NOM-0005.0500	NOM	N	Too close to intersection, next to utility pole, next to fire hydrant, little space to the back. Has bench
NOM-0005.0800	NOM	N	Next to 2 utility poles, private property fence to the back, does not clear curb. It has 2 benches
NOM-0009.0000	NOM	N	Utility pole, fire hydrant, next to intersection, immediately to the back is commercial parking lot
NOM-0010.0000	NOM	N	Utility pole, no vertical clearance, does not clear curb, immediately to the back is hotel's parking lot. It has 2 benches
NOM-0012.0000	NOM	N	Too close to telephone pole, private property fence to the back, not enough swale to the front
NOM-0019.0100	NOM	N	No curb, little swale, private property directly to the back
NOM-0053.0100	NOM	N	Utility pole, too close to a residential complex (apartments). It has 1 bench
NOM-0072.0000	NOM	S	Existing Shelter
NOM-0080.0000	NOM	N	Smack in the middle of 2 utility poles, no vertical clearance. No pedestrian pathway. 2 benches, it has lots of shade
NOM-0082.0000	NOM	N	Private parking lot to the immediate back, no swale. 1 bench and a garbage can
NOM-0086.0000	NOM	N	Private property fence immediately to the back, utility poles, too close to intersection. No swales. Has bench
NOM-0087.0000	NOM	P	Plenty of swale in front of apartment building. Shelter could be built under agreement with property owner
NOM-0090.0000	NOM	N	No swale to the front, light pole to the left, private property fence directly behind, bench
NOM-0091.0000	NOM	N	Directly next to a light pole, no swale in the front, private property fence to the back
NOM-0093.0000	NOM	P	If moved forward, shelter can be placed on grass (which may be in private property, therefore requires negotiation
NOM-0094.0000	NOM	N	Next to private driveway, tree in the way, no vertical clearance, little swale to the back
NOM-0095.0000	NOM	N	Directly next to light pole, private property fence to the back. Current stop directly on sidewalk, no swale
NOM-0097.0000	NOM	N	Two feet from intersection, directly next to utility pole, private property fence to the back
NOM-0098.0000	NOM	P	Stop is unmarked, it has a bench, no sign, swale to the back
NOM-0100.0100	NOM	N	Directly next to utility pole, current stop built on private driveway
NOM-0101.0000	NOM	N	Current stop located between private driveway and utility pole
NOM-0103.0000	NOM	P	Swale space to the back narrow, has one bench and a garbage can
NOM-0104.0000	NOM	N	Stop located next to utility pole and commercial building. No space
NOM-0124.0000	NOM	N	On an intersection, next to street light pole and a utility pole. Has bench, little swale
NOM-0130.0000	NOM	N	Commercial parking lot immediately to the back
NOM-0133.0000	NOM	N	There is a tree, no vertical clearing, 4 feet to an intersection, next to a utility pole
NOM-0134.0000	NOM	N	Gas Station immediately to the back

Appendix E
Site Investigation Field Notes

BUSSTOP ID	District	Suitability	Comment/Notes
NOM-0135.0000	NOM	N	Utility pole, street light pole, next to an intersection, commercial parking lot to the back
NOM-0138.0000	NOM	N	Stop located on private property, sandwiched between two commercial driveways
NOM-0139.0000	NOM	N	Located between a utility pole and a tree, and a commercial parking lot and driveway directly to the back
NOM-0545.0100	NOM	N	Stop built on the sidewalk. Commercial fence and parking lot directly to the back. It has a bench
OPL-0004.0000	OPL	N	Private property fence to the back, too close to the intersection, light pole, has a bench and a garbage can
OPL-0012.0000	OPL	N	Private property fence to the back, no swale, no vertical clearance, has a bench
OPL-0013.0000	OPL	N	Commercial driveway to the left, light pole to the right, gas station directly behind, no swale
OPL-0024.0000	OPL	N	Stop built between two private property hedges, commercial parking lot directly to the back
OPL-0024.0100	OPL	N	Commercial property fence to the immediate back, directly next to light pole, very little swale. Has a bench and a garbage can
OPL-0025.0000	OPL	N	Commercial property fence to the immediate back, directly next to light pole, very little swale. Has a bench and a garbage can
OPL-0026.0000	OPL	P	Swale to the back may be private property, can be negotiated. Utility pole to the right
OPL-0026.0900	OPL	N	Private property fence immediately to the back, light pole to the right, very little room. Has a bench and a garbage can
OPL-0029.0100	OPL	Y	Plenty of room everywhere, has a bench and a garbage can
OPL-0032.0000	OPL	N	On a street corner, next to an intersection, surrounded by a light pole and a utility pole, has a private property fence to the back
OPL-0036.0000	OPL	P	Has a bus bay. Abuts commercial parking lot. Has bench and garbage can. Perhaps shelter site can be negotiated with private property owners
OPL-0041.0200	OPL	N	Built on a residential sidewalk on a corner of an intersection, private property fence to the back
OPL-0041.0300	OPL	N	Built on a residential sidewalk on a corner of an intersection, private property fence to the back
OPL-0123.0300	OPL	Y	Plenty of space, large swale, shelter can be moved forward to avoid trees. Has a bench and a garbage can
OPL-0124.0600	OPL	Y	Although on a corner, plenty of space on the swale
OPL-0125.0070	OPL	N	Stop located on a busy street, built on a residential sidewalk between two residential driveways
SIB-0006.0000	SIB	P	Plenty of green immediately to the back. It could be private property, but other shelters were built on same
SIB-0007.0000	SIB	N	Stop too close to utility pole and fire hydrant, no room to the back
SIB-0010.0000	SIB	Y	Plenty of room to all sides. Commercial property to the back. It has a bench and a garbage can
SIB-0011.0000	SIB	P	Plenty of green immediately to the back. It could be private property, but other shelters were built on same
SIB-0013.0000	SIB	P	Plenty of green immediately to the back. It could be private property, but other shelters were built on same
SIB-0020.0000	SIB	S	Existing Shelter
SIB-0023.0000	SIB	S	Existing Shelter
SIB-0031.0000	SIB	S	Existing Shelter
SIB-0032.0000	SIB	S	Existing Shelter
SIB-0033.0000	SIB	S	Existing Shelter
SIB-0034.0000	SIB	S	Existing Shelter
SIB-0035.0000	SIB	S	Existing Shelter
SIB-0036.0000	SIB	S	Existing Shelter
SIB-0039.0000	SIB	P	Plenty of green immediately to the back. It could be private property, but other shelters were built on same
SIB-0039.0100	SIB	N	Stop built on a bridge, no room to either side
SIB-0060.0000	SIB	S	Existing Shelter
SIB-0060.0500	SIB	S	Existing Shelter
SIB-0061.0000	SIB	S	Existing Shelter
SUR-0012.0000	SUR		
SWT-0001.0250	SWT	N	Has a bench - Unsuitable, no space for shelter as it abuts shopping center parking lot
SWT-0007.0850	SWT	S	Existing Shelter
SWT-0010.0000	SWT	S	Existing Shelter
SWT-0011.0000	SWT	S	Existing Shelter
SWT-0014.0200	SWT	P	Possibly suitable. Has 2 benches. No problem with distance from back of curb. Possible problem with utility pole (2 poles actually) -
SWT-0014.0250	SWT	P	Possible Candidate. Check this stop for patronage, other suitability factors.
SWT-0014.0300	SWT	P	Possible Candidate. Check this stop for patronage, other suitability factors.
WMI-0011.0000	WMI	P	Abuts Private Property; however, it could be negotiated with Property Owner - Religious Book Store
WMI-0012.0000	WMI	N	Edge right on bank's parking lot. Unlikely bank will agree to transfer. Utility Pole right next to it.

**SUMMARY FROM MPO W MUNICIPALITY LIST OF
FEDERAL STIMULUS PROJECTS**

MIAMI-DADE COUNTY (Distribution excluding UMSA)
PROPOSED CITY TRANSIT PROJECTS LIST FOR FEDERAL STIMULUS PACKAGE

Number of Shelters on MPO Sites List				Project Sponsor	Project Title/Description/Limits	Type of Project	Funds Requested Total All Phases	Estimated Jobs Created	FTA Eligible	NEPA Ready	Project in TIP	Can project be obligated	Can sponsor commit to front money pending	Comments
suitable	potentially suitable	additional site (no field data)												
4	2	7	City of Aventura	Install 2 bus shelters.	Transit Infrastructure	\$ 312,111	35	Yes	Yes	No	Yes	Yes		
			City of Bal Harbor	Replace Shuttle Bus for local circulator	Replacement Vehicle	\$ 33,168	1	Yes	Yes	No	Yes	Yes		City funding remainder of cost -Total cost \$70,000.
N/A	N/A	N/A	City of Bay Harbor Island	Install 6 new shelters along 96th Street.	Transit infrastructure	\$ 51,626		yes	Yes	No	Yes	Yes		
			Coral Gables	Purchase 3 heavy duty low floor shuttle buses with a vintage trolley configuration	Procure vehicles	\$ 460,445	18	Yes	Yes	No	Yes	Yes		local funding brings total to \$1,095,000
N/A	N/A	N/A	Cutler Bay	Purchase of 25-passenger low floor ADA compliant bus for circulator service, bus stop signs and ADA compliant bus shelters	Transit vehicles Transit Infrastructure	\$ 418,028		Yes	Yes	No	Yes	Yes		
			City of Doral	Purchase up to 4 low emissions trolley buses plus data collection and information enhancements to track passenger boardings and trolley location.	Transit vehicles	\$ 345,067	10	Yes	Yes	No	Yes	Yes		
	2		City of El Portal	Purchase a 25-passenger bus for community shuttle	Procure vehicle	\$ 25,155		Yes	Yes	No	Yes	Yes		
N/A	1	1	City of Florida City	Construction and installation of 5 Bus Shelters	Transit Infrastructure	\$ 102,500	15	Yes	Yes	No	Yes	Yes		
	3	6	City of Hialeah	Procure 8 buses with electronic fare system	Procure Vehicles	\$ 2,293,848	8	Yes	Yes	No	Yes	Yes		The Cities of Hialeah and Hialeah Gardens propose to merge their funds
			City of Hialeah Gardens	Procure equipment for new buses	Transit Equipment	\$ 210,517								
N/A	3	1	City of Homestead	Purchase 1 trolley bus for circulator route and procure and install 40 bus shelters.	Transit Infrastructure	\$ 597,347	16	Yes	Yes	No	Yes	Yes		
			City of Indian Creek Village	Install 2 Bus Benches at Bus Stops	Transit Infrastructure	\$ 583	1	Yes	Yes	No	Yes	Yes		
			Town of Medley	Install bus parking canopy	Transit infrastructure	\$ 11,321	4	Yes	Yes	No	Yes	Yes		
N/A	N/A	N/A	City of Miami	Procure trolley buses and shelters and signs to provide transit circulator service to Brickell, Downtown, Health District, Overtown, Allapattah, and Coral Way	Transit vehicles Transit Infrastructure	\$ 4,084,282		Yes	Yes	No	Yes	Yes		
			City of Miami Beach	First Priority: The West Avenue Bridge with sidewalks, and bike lanes.	Bridge Construction		210	No		No		Yes		City want to flex funds to STP account
			City of Miami Beach	Second Priority: Construction of 17 bus bulbs throughout the city to improve transit operations and provide better waiting areas at stops	Transit infrastructure	\$ 945,461		Yes	Yes	No	Yes	Yes		
8	3	22	City of Miami Gardens	55 full size shelters, ADA access to shelters and street furniture for 75 bus stops.	Transit Infrastructure	\$ 1,117,693	45	Yes	Yes	No	Yes	Yes		
1	2	1	City of Miami Lakes	Install 9 shelters and provide ADA accessible routes to 13 existing bus shelters and 7 bus stops	Transit Infrastructure, ADA Access	\$ 271,765	8	Yes	Yes	No	Yes	Yes		
			City of Miami Springs	Provision of benches and signing to support new CITT funded shuttle plus materials	Transit Infrastructure	\$ 136,300	30	Yes	Yes	No	Yes	Yes		
N/A	4	14	City of North Miami	Purchase 4 ADA compliant minibuses with bike racks, install 12 slim line shelters and construct transit hub	Transit vehicles Transit Infrastructure	\$ 600,092		Yes	Yes	No	Yes	Yes		
			City of North Miami Beach	Procure 3 hybrid alternative fuel shuttles, install 2 new shelters, communication equipment for dispatch and drivers, hydraulic lift, and ADA access to bus shelter	Transit vehicles Transit Infrastructure	\$ 410,990	26	Yes	Yes	No	Yes	Yes		
3	2	11	City of Opa-locka	Install signing, street furniture and lighting at bus stops and upgrade ADA access to bus stops for the approved Opa-locka circulator	Transit Infrastructure, ADA Access	\$ 152,275	12	Yes	Yes	No	Yes	Yes		
			Village of Palmetto Bay	Construct asphalt storage lot to park and maintain Village shuttle buses. Provide ADA accessibility to bus stops and new signs at stops for village shuttle.	Transit Infrastructure	\$ 253,055	20	Yes	Yes	No	Yes	Yes		
			City of Pincrest											Not submitting a project
N/A	N/A	N/A	City of South Miami	Construction of bus shelters on city owned right of way on Sunset Drive.	Transit Infrastructure	\$ 112,432	20	Yes	Yes	No	Yes	Yes		
1	4	9	City of Sunny Isles Beach	Purchase 2 alternative fuel buses to expand local circulator bus program	Procure Vehicle	\$ 202,795	4	Yes	Yes	No	Yes	Yes		
		1	City of Surfside	Improve ADA accessibility to transit stops along Collins and Harding Avenue	ADA Accessibility	\$ 58,200	2	Yes	Yes	No	Yes	Yes		
N/A	N/A	N/A	City of Virginia Gardens	Installation of bus shelter at village hall.	Transit infrastructure	\$ 23,104	5	Yes	Yes	No	Yes	Yes		
	1	3	City of West Miami	Purchase of bus for circulator loop and signing and benches	Transit vehicles Transit Infrastructure	\$ 57,206	3	Yes	Yes	No	1-Year	Yes		
	1		City of Miami Lakes											City not included on list
	8		City of Miami Shores											City not included on list

Appendix F

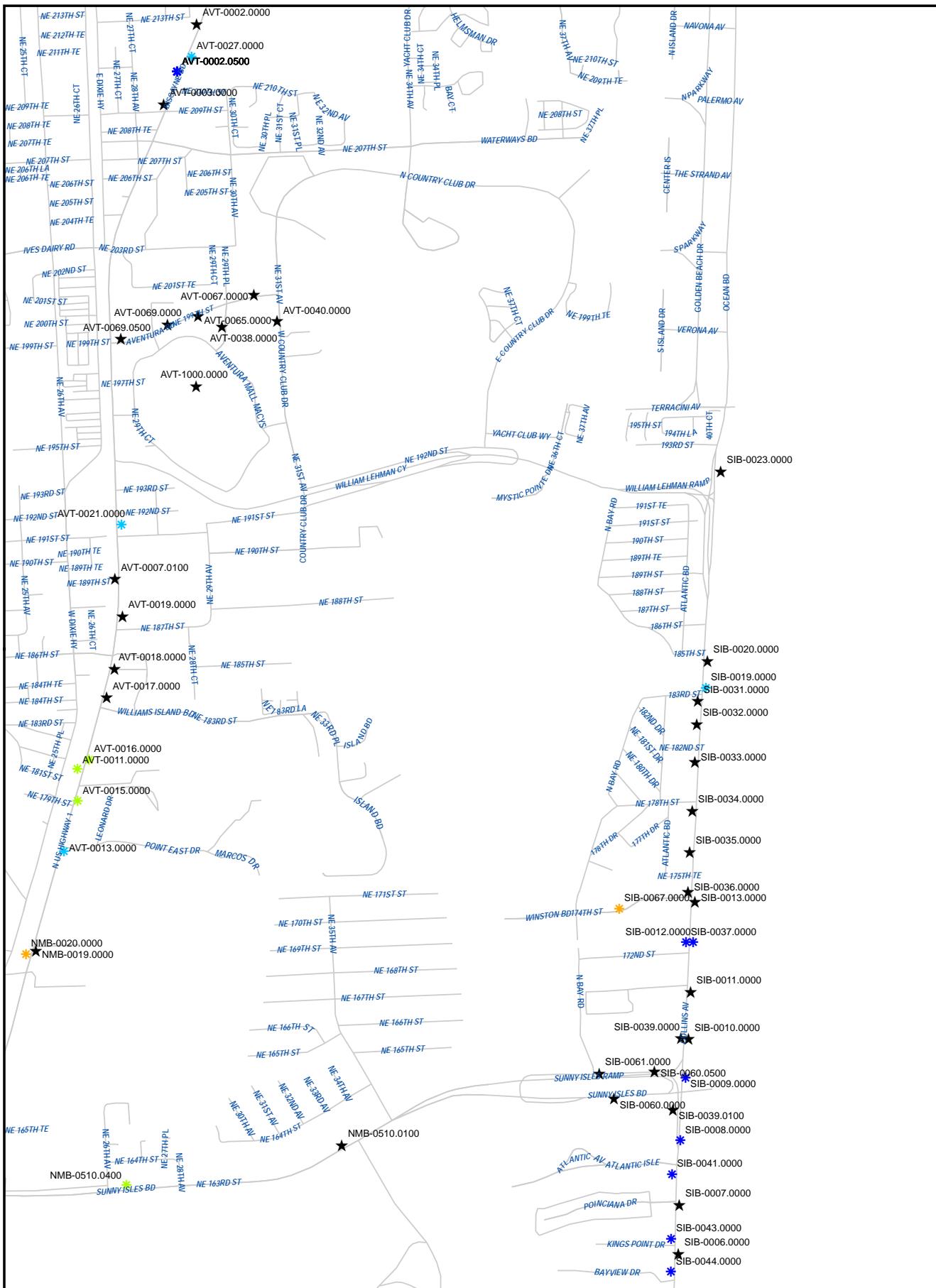
Modified Bus Stop Activity Thresholds

Additional Sites

**AVENTURA – NORTH MIAMI BEACH – NORTH MIAMI-
SUNNY ISLES BEACH - SURFSIDE**

Appendix F-1

Additional Sites from Modified Thresholds



LEGEND

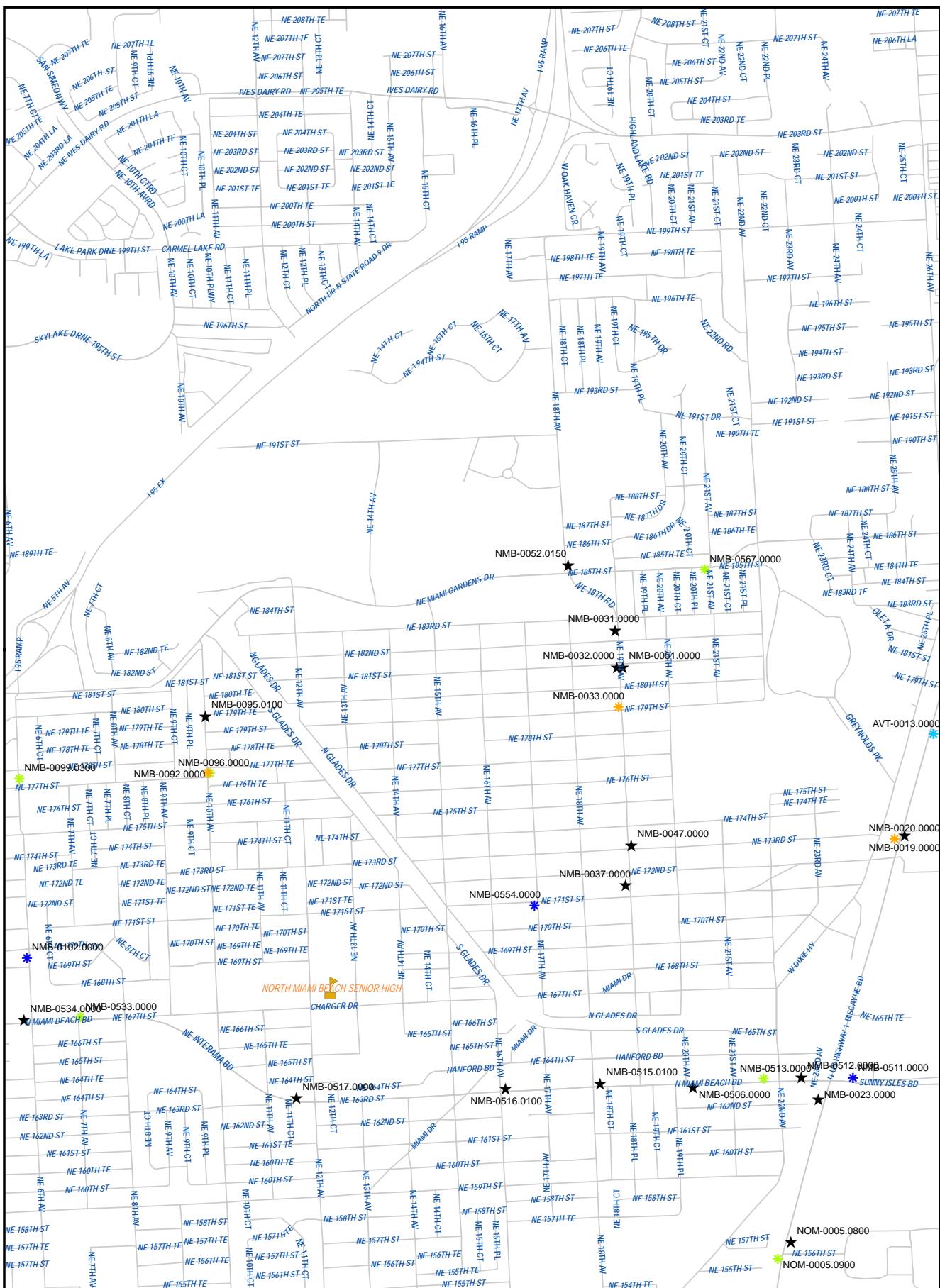
WEIGHTED AVG OF BOARDINGS (ONS)	*	1.35 - 1.45
* <1.25	*	1.45 - 1.55
* 1.25 - 1.35		★ >1.55 (PART OF DATA COLLECTION)

*Based on Database provided by Miami Date Transit



Appendix F-2

Additional Sites from Modified Thresholds



LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* 1.35 - 1.45

* 1.45 - 1.55

* 1.25 - 1.35

★ >1.55 (PART OF DATA COLLECTION)



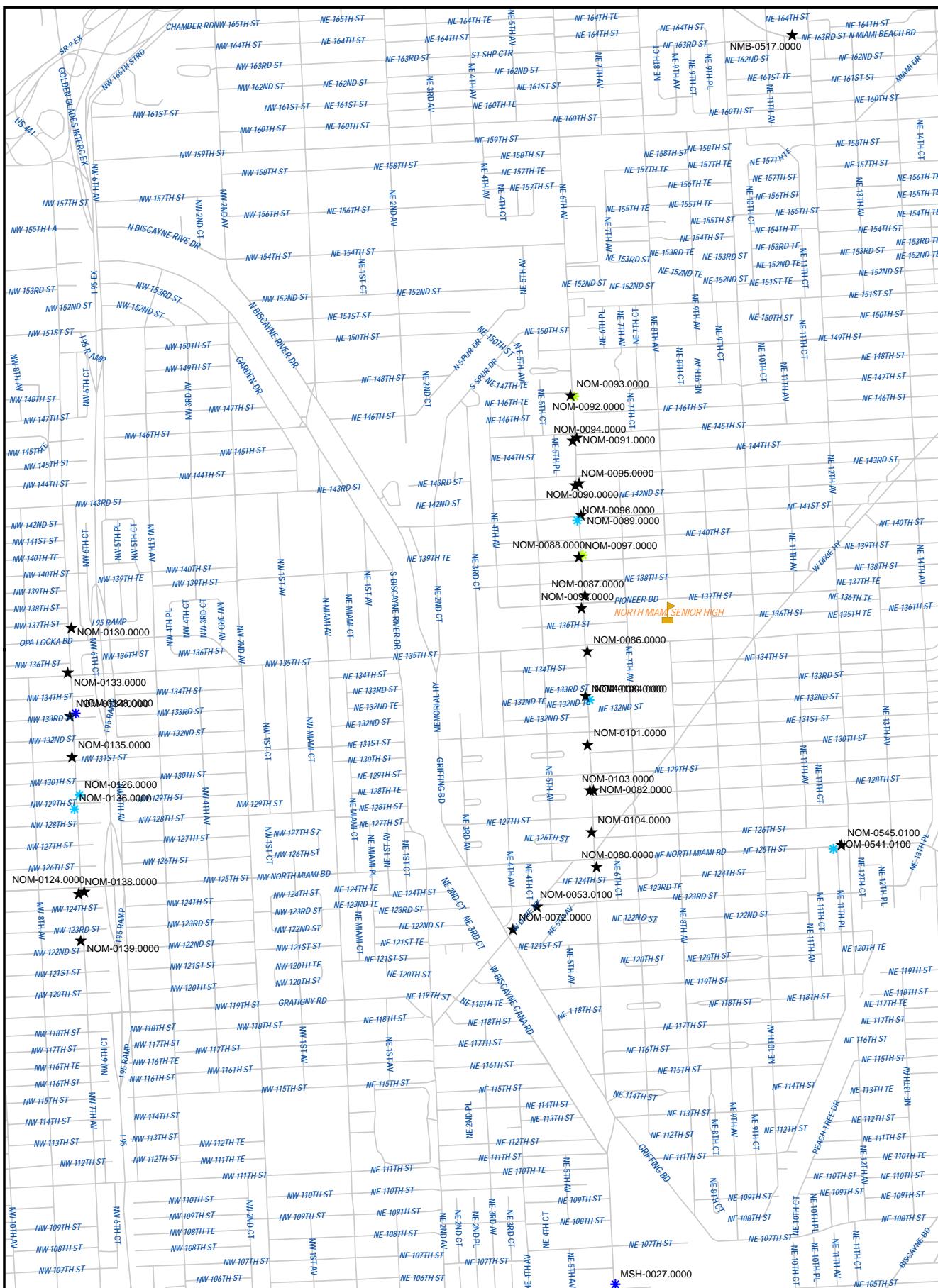
Appendix F-3

Additional Sites from Modified Thresholds



Appendix F-4

Additional Sites from Modified Thresholds



Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)							
>1.55 (w field data)	<1.55	>1.45	<1.45	>1.35	<1.35	>1.25	<1.25
Quantity by District	BUSSTOP ID	DISTRICT	MAIN ST	CROSS ST			
1	AVT-0002.0000	AVT	BISCAYNE BD	# 21280			
2	AVT-0002.0500	AVT	BISCAYNE BD	NE 211 ST			
3	AVT-0003.0000	AVT	BISCAYNE BD	NE 209 ST			
4	AVT-0007.0100	AVT	BISCAYNE BD	# 19000			
5	AVT-0011.0000	AVT	BISCAYNE BD	NE 180 ST			
6	AVT-0013.0000	AVT	BISCAYNE BD	NE 178 ST(POINT EAST)			
7	AVT-0015.0000	AVT	BISCAYNE BD	NE 180 ST			
8	AVT-0016.0000	AVT	BISCAYNE BD	NE 182 ST			
9	AVT-0017.0000	AVT	BISCAYNE BD	NE 183 ST			
10	AVT-0018.0000	AVT	BISCAYNE BB	NE 186 ST			
11	AVT-0019.0000	AVT	BISCAYNE BD	NE 187 ST			
12	AVT-0021.0000	AVT	BISCAYNE BD	NE 191 ST			
13	AVT-0027.0000	AVT	BISCAYNE BD	NE 211 ST			
14	AVT-0038.0000	AVT	NE 29 PL	AVENTURA BD			
15	AVT-0040.0000	AVT	W COUNTRY CLUB DR	AVENTURA BD			
16	AVT-0065.0000	AVT	AVENTURA BD	# 2900(FIRE STATION)			
17	AVT-0067.0000	AVT	AVENTURA BD	199st			
18	AVT-0069.0000	AVT	AVENTURA BD	# 2845			
19	AVT-0069.0500	AVT	AVENTURA BD	BISCAYNE BD			
20	AVT-1000.0000	AVT	AVENTURA MALL	FOOD COURT ENTRANCE			
1	NMB-0011.0000	NMB	BISCAYNE BD	NE 135 ST			
2	NMB-0012.0000	NMB	BISCAYNE BD	# 13675			
3	NMB-0013.0000	NMB	BISCAYNE BD	NE 139 ST			
4	NMB-0014.0000	NMB	BISCAYNE BD	NE 140 ST			
5	NMB-0014.0100	NMB	BISCAYNE BD	NE 143 ST			
6	NMB-0016.0000	NMB	BISCAYNE BD	NE 146 ST			
7	NMB-0019.0000	NMB	BISCAYNE BD	NE 172 ST			
8	NMB-0020.0000	NMB	BISCAYNE BD	NE 172 ST			
9	NMB-0023.0000	NMB	BISCAYNE BD	NE 163 ST			
10	NMB-0026.0000	NMB	BISCAYNE BD	NE 146 ST			
11	NMB-0026.0100	NMB	BISCAYNE BD	NE 144 ST			
12	NMB-0027.0000	NMB	BISCAYNE BD	# 14100			
13	NMB-0028.0000	NMB	BISCAYNE BD	# 13700			
14	NMB-0029.0000	NMB	BISCAYNE BD	NE 135 ST			
15	NMB-0031.0000	NMB	NE 19 AV	NE 183 ST			
16	NMB-0032.0000	NMB	NE 19 AV	NE 181 ST			
17	NMB-0033.0000	NMB	NE 19 AV	NE 179 ST			
18	NMB-0037.0000	NMB	NE 19 AV	NE 171 ST			
19	NMB-0047.0000	NMB	NE 19 AV	NE 173 ST			
20	NMB-0051.0000	NMB	NE 19 AV	NE 181 ST			
21	NMB-0052.0150	NMB	NE 18 AV	NE 185 ST			
22	NMB-0058.0000	NMB	NE 16 AV	NE 154 TE			
23	NMB-0059.0000	NMB	NE 16 AV	NE 153 TE			
24	NMB-0092.0000	NMB	NE 10 AV	NE 177 TE			
25	NMB-0095.0100	NMB	NE 10 AV	NE 179 TE			
26	NMB-0096.0000	NMB	NE 10 AV	NE 177 ST			
27	NMB-0099.0300	NMB	NE 6 AV	NE 177 ST			
28	NMB-0102.0000	NMB	NE 6 AV	NE 170 ST			
29	NMB-0506.0000	NMB	NE 163 ST	NE 20 AV			
30	NMB-0510.0100	NMB	NE 163 ST	INTERAMA BD			

Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)				
>1.55 (w field data)	<1.55 >1.45	<1.45 >1.35	<1.35 >1.25	<1.25
Quantity by District	BUSSTOP ID	DISTRICT	MAIN_ST	CROSS_ST
31	NMB-0510.0400	NMB	NE 163 ST	NE 26 AV
32	NMB-0511.0000	NMB	NE 163 ST	BISCAYNE BD
33	NMB-0512.0000	NMB	NE 163 ST	NE 23 AV
34	NMB-0513.0000	NMB	NE 163 ST	NE 22 AV
35	NMB-0515.0100	NMB	NE 163 ST	NE 18 AV
36	NMB-0516.0100	NMB	NE 163 ST	NE 16 AV
37	NMB-0517.0000	NMB	NE 163 ST	NE 12 AV
38	NMB-0533.0000	NMB	NE 167 ST	NE 7 AV
39	NMB-0534.0000	NMB	NE 167 ST	NE 6 AV
40	NMB-0536.0000	NMB	NE 167 ST	NE 2 AV
41	NMB-0554.0000	NMB	NE 171 ST	NE 17 AV
42	NMB-0567.0000	NMB	NE 185 ST	NE 21 AV
1	NOM-0004.0000	NOM	BISCAYNE BD	NE 127 ST
2	NOM-0005.0000	NOM	BISCAYNE BD	IXORA LA
3	NOM-0005.0500	NOM	BISCAYNE BD	NE 135 ST
4	NOM-0005.0600	NOM	BISCAYNE BLVD	NE 151 ST
5	NOM-0005.0800	NOM	BISCAYNE BLVD	NE 156 ST
6	NOM-0005.0900	NOM	BISCAYNE BD	NE 156 ST
7	NOM-0005.1000	NOM	BISCAYNE BD	NE 151 ST
8	NOM-0009.0000	NOM	BISCAYNE BD	NE 125 ST
9	NOM-0010.0000	NOM	BISCAYNE BD	NE 123 ST
10	NOM-0012.0000	NOM	NE 16 AV	NE 143 ST
11	NOM-0019.0100	NOM	NE 16 AV	NE 125 ST
12	NOM-0021.0000	NOM	NE 16 AV	NE 123 TE
13	NOM-0029.0000	NOM	NE 16 AV	NE 143 ST
14	NOM-0053.0100	NOM	W DIXIE HY	NE 123 ST
15	NOM-0072.0000	NOM	W DIXIE HY	GRIFFING BD
16	NOM-0080.0000	NOM	NE 6 AV	NE 125 ST
17	NOM-0082.0000	NOM	NE 6 AV	NE 128 ST
18	NOM-0084.0000	NOM	NE 6 AV	APPROX # 13251
19	NOM-0086.0000	NOM	NE 6 AV	NE 135 ST
20	NOM-0087.0000	NOM	NE 6 AV	NE 137 ST
21	NOM-0088.0000	NOM	NE 6 AV	NE 139 ST
22	NOM-0089.0000	NOM	NE 6 AV	NE 141 ST
23	NOM-0090.0000	NOM	NE 6 AV	NE 143 ST
24	NOM-0091.0000	NOM	NE 6 AV	NE 145 ST
25	NOM-0092.0000	NOM	NE 6 AV	NE 147 ST
26	NOM-0093.0000	NOM	NE 6 AV	NE 147 ST
27	NOM-0094.0000	NOM	NE 6 AV	NE 145 ST
28	NOM-0095.0000	NOM	NE 6 AV	NE 143 ST
29	NOM-0096.0000	NOM	NE 6 AV	NE 141 ST
30	NOM-0097.0000	NOM	NE 6 AV	NE 139 ST
31	NOM-0098.0000	NOM	NE 6 AV	NE 137 ST
32	NOM-0100.0100	NOM	NE 6 AV	NE 132 TE
33	NOM-0101.0000	NOM	NE 6 AV	NE 131 ST
34	NOM-0103.0000	NOM	NE 6 AV	NE 128 ST
35	NOM-0104.0000	NOM	NE 6 AV	W DIXIE HY
36	NOM-0124.0000	NOM	NW 7 AV	NW 125 ST
37	NOM-0126.0000	NOM	NW 7 AV	NW 129 ST
38	NOM-0128.0000	NOM	NW 7 AV	NW 133 ST

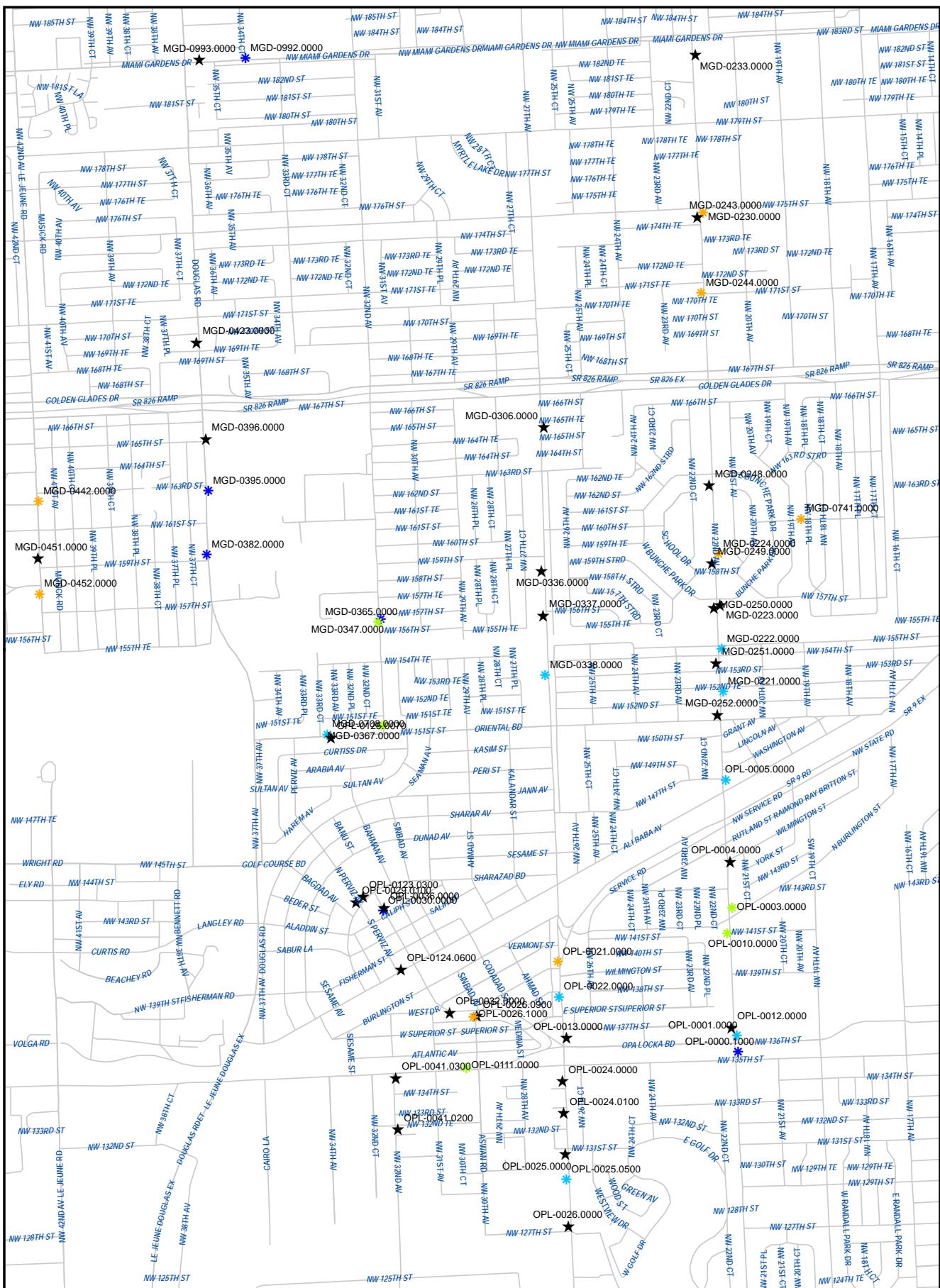
Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)				
>1.55 (w field data)	<1.55 >1.45	<1.45 >1.35	<1.35 >1.25	<1.25
Quantity by District	BUSSTOP ID	DISTRICT	MAIN_ST	CROSS_ST
39	NOM-0130.0000	NOM	NW 7 AV	OPA LOCKA BD
40	NOM-0133.0000	NOM	NW 7 AV	NW 135 ST
41	NOM-0134.0000	NOM	NW 7 AV	NW 133 ST
42	NOM-0135.0000	NOM	NW 7 AV	NW 131 ST
43	NOM-0136.0000	NOM	NW 7 AV	NW 129 ST
44	NOM-0138.0000	NOM	NW 7 AV	NW 125 ST
45	NOM-0139.0000	NOM	NW 7 AV	NW 123 ST
46	NOM-0541.0100	NOM	NE 125 ST	NE 11 PL
47	NOM-0545.0100	NOM	NE 125 ST	NE 12 AV
1	SIB-0006.0000	SIB	COLLINS AV	159 ST-KINGS PT DR
2	SIB-0007.0000	SIB	COLLINS AV	160 ST
3	SIB-0008.0000	SIB	COLLINS AV	ATLANTIC AV
4	SIB-0009.0000	SIB	COLLINS AV	SUNNY ISLES BD
5	SIB-0010.0000	SIB	COLLINS AV	OP # 16830
6	SIB-0011.0000	SIB	COLLINS AV	170 ST
7	SIB-0012.0000	SIB	COLLINS AV	172 ST
8	SIB-0013.0000	SIB	COLLINS AV	174 ST
9	SIB-0019.0000	SIB	COLLINS AV	183 ST
10	SIB-0020.0000	SIB	COLLINS AV	185 ST
11	SIB-0023.0000	SIB	COLLINS AV	192 ST
12	SIB-0031.0000	SIB	COLLINS AV	183 ST
13	SIB-0032.0000	SIB	COLLINS AV	182 ST
14	SIB-0033.0000	SIB	COLLINS AV	# 18080
15	SIB-0034.0000	SIB	COLLINS AV	178 ST
16	SIB-0035.0000	SIB	COLLINS AV	176 ST
17	SIB-0036.0000	SIB	COLLINS AV	174 ST
18	SIB-0037.0000	SIB	COLLINS AV	172 ST
19	SIB-0039.0000	SIB	COLLINS AV	# 16830
20	SIB-0039.0100	SIB	COLLINS AV	163 ST
21	SIB-0041.0000	SIB	COLLINS AV	ATLANTIC AV
22	SIB-0043.0000	SIB	COLLINS AV	159 ST-KINGS PT DR
23	SIB-0044.0000	SIB	COLLINS AV	BAYVIEW DR-158 ST
24	SIB-0060.0000	SIB	NE 163 ST	# 290 (COLONIAL BNK)
25	SIB-0060.0500	SIB	NE 163 ST	COLLINS AV
26	SIB-0061.0000	SIB	NE 163 ST	N BAY RD
27	SIB-0067.0000	SIB	174 ST	# 231
1	SUR-0005.0000	SUR	COLLINS AV	92 ST
2	SUR-0012.0000	SUR	HARDING AV	93 ST

MIAMI GARDENS – OPA-LOCKA

Appendix F-5

Additional Sites from Modified Thresholds



*Based on Database provided by Miami Date Transit

LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

- | | | | |
|---------------------------------------|---------------------------------|--|-------------|
| * | <1.25 | * | 1.35 - 1.45 |
| * | 1.25 - 1.35 | * | 1.45 - 1.55 |
| ★ | >1.55 (PART OF DATA COLLECTION) | | |



Appendix F-6

Additional Sites from Modified Thresholds



*Based on Database provided by Miami Date Transit

LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* 1.35 - 1.45

* <1.25

* 1.25 - 1.35

* 1.45 - 1.55

★ >1.55 (PAR)



Appendix F-7

Additional Sites from Modified Thresholds



LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* <1.25

** 1.25 - 1.35

* 1.35 - 1.45

** 1.45 - 1.55

★ >1.55 (PART OF DATA COLLECTION)

*Based on Database provided by Miami Date Transit



Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)				
>1.55 (w field data)	<1.55 >1.45	<1.45 >1.35	<1.35 >1.25	<1.25
Quantity by District	BUSSTOP ID	DISTRICT	MAIN ST	CROSS ST
1	MGD-0028.0000	MGD	N MIAMI AV	NW 183 ST
2	MGD-0090.0000	MGD	NW 7 AV	NW 179 TE
3	MGD-0129.0000	MGD	NW 12 AV	NW 188 TE
4	MGD-0130.0000	MGD	NW 12 AV	NW 191 ST
5	MGD-0134.0000	MGD	NW 12 AV	NW 195 ST
6	MGD-0139.0000	MGD	NW 12 AV	NW 183 ST
7	MGD-0154.0000	MGD	NW 13 AV	NW 167 ST
8	MGD-0157.0000	MGD	NW 13 AV	NW 159 ST
9	MGD-0221.0000	MGD	NW 22 AV	NW 152 TE
10	MGD-0222.0000	MGD	NW 22 AV	NW 155 ST
11	MGD-0223.0000	MGD	NW 22 AV	E BUNCHE PARK DR S
12	MGD-0224.0000	MGD	NW 22 AV	# 15825
13	MGD-0230.0000	MGD	NW 22 AV	NW 175 ST
14	MGD-0233.0000	MGD	NW 22 AV	NW 183 ST
15	MGD-0236.0000	MGD	NW 22 AV	NW 191 ST
16	MGD-0237.0000	MGD	NW 22 AV	NW 190 TE
17	MGD-0243.0000	MGD	NW 22 AV	NW 175 ST
18	MGD-0244.0000	MGD	NW 22 AV	NW 171 ST
19	MGD-0248.0000	MGD	NW 22 AV	E BUNCHE PARK DR N
20	MGD-0249.0000	MGD	NW 22 AV	NW 158 ST
21	MGD-0250.0000	MGD	NW 22 AV	W BUNCHE PARK DR
22	MGD-0251.0000	MGD	NW 22 AV	NW 154 ST
23	MGD-0252.0000	MGD	NW 22 AV	NW 151 ST
24	MGD-0306.0000	MGD	NW 27 AV	NW 165 ST
25	MGD-0336.0000	MGD	NW 27 AV	NW 159 ST
26	MGD-0337.0000	MGD	NW 27 AV	NW 156 ST
27	MGD-0338.0000	MGD	NW 27 AV	NW 154 ST
28	MGD-0347.0000	MGD	NW 32 AV	NW 157 ST
29	MGD-0365.0000	MGD	NW 32 AV	NW 157 ST
30	MGD-0367.0000	MGD	NW 32 AV	NW 151 ST
31	MGD-0382.0000	MGD	NW 37/42 AV CONNECT	NW 159 ST
32	MGD-0395.0000	MGD	NW 37 AV	NW 163 ST
33	MGD-0396.0000	MGD	NW 37 AV	NW 165 ST
34	MGD-0399.0000	MGD	NW 37 AV	NW 187 ST
35	MGD-0400.0000	MGD	NW 37 AV	NW 188 ST
36	MGD-0401.0000	MGD	NW 37 AV	NW 191 ST
37	MGD-0403.0000	MGD	NW 37 AV	NW 194 ST
38	MGD-0416.0000	MGD	NW 37 AV	NW 199 ST
39	MGD-0417.0000	MGD	NW 37 AV	NW 196 LA
40	MGD-0418.0000	MGD	NW 37 AV	NW 194 ST
41	MGD-0421.0000	MGD	NW 37 AV	NW 187 ST
42	MGD-0423.0000	MGD	NW 37 AV	NW 169 TE
43	MGD-0442.0000	MGD	NW 42 AV	NW 163 ST
44	MGD-0451.0000	MGD	NW 42 AV	NW 159 ST
45	MGD-0452.0000	MGD	NW 42 AV	NW 157 ST
46	MGD-0708.0000	MGD	NW 151 ST	NW 33 CT
47	MGD-0741.0000	MGD	NW 160 ST	NW 18 PL
48	MGD-0981.0000	MGD	NW 183 ST	NW 18 AV
49	MGD-0992.0000	MGD	NW 183 ST	NW 34 CT
50	MGD-0993.0000	MGD	NW 183 ST	NW 37 AV

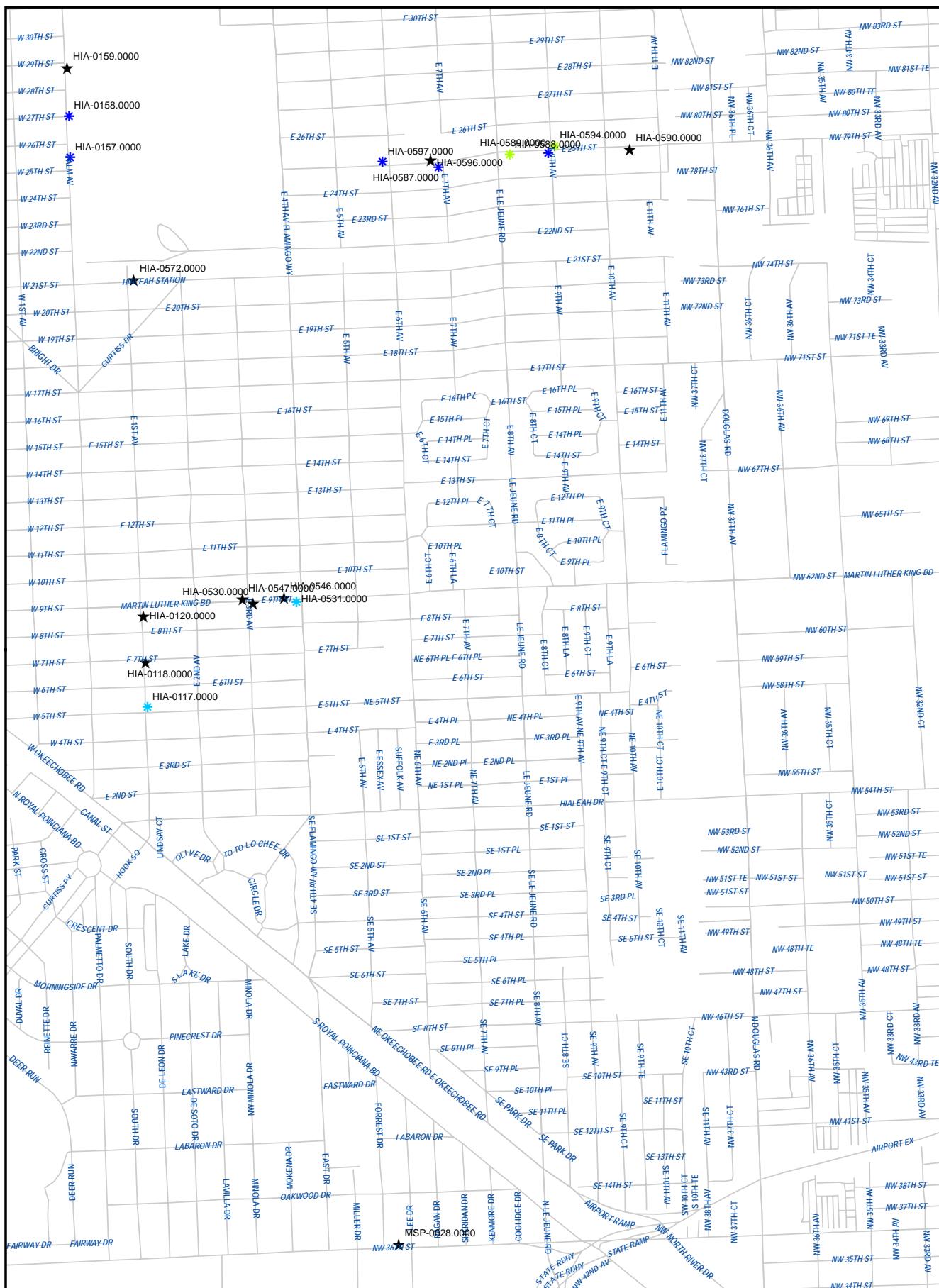
Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)				
>1.55 (w field data)	<1.55 >1.45	<1.45 >1.35	<1.35 >1.25	<1.25
Quantity by District	BUSSTOP ID	DISTRICT	MAIN_ST	CROSS_ST
51	MGD-1054.0000	MGD	NW 199 ST	NW 2 AV
52	MGD-1058.0000	MGD	NW 199 ST	NW 3 PL
53	MGD-1094.0000	MGD	NW 207 ST	NW 27 AV
54	MGD-1095.0000	MGD	NW 207 ST	NW 29 AV
55	MGD-1136.0000	MGD	NW 213 ST	NW 37 AV
1	OPL-0000.1000	OPL	NW 22 AV	NW 135 ST
2	OPL-0001.0000	OPL	NW 22 AV	OPA LOCKA BD
3	OPL-0003.0000	OPL	NW 22 AV	BURLINGTON ST
4	OPL-0004.0000	OPL	NW 22 AV	WILMINGTON ST
5	OPL-0005.0000	OPL	NW 22 AV	ALI BABA AV
6	OPL-0010.0000	OPL	NW 22 AV	NW 141 ST
7	OPL-0012.0000	OPL	NW 22 AV	OPA LOCKA BD
8	OPL-0013.0000	OPL	NW 27 AV	NW 136 ST
9	OPL-0021.0000	OPL	NW 27 AV	WILMINGTON ST
10	OPL-0022.0000	OPL	NW 27 AV	YORK ST
11	OPL-0024.0000	OPL	NW 27 AV	NW 135 ST
12	OPL-0024.0100	OPL	NW 27 AV	NW 132 ST
13	OPL-0025.0000	OPL	NW 27 AV	NW 131 ST
14	OPL-0025.0500	OPL	NW 27 AV	#12940
15	OPL-0026.0000	OPL	NW 27 AV	NW 127 ST
16	OPL-0026.0900	OPL	SINBAD AV	OPA LOCKA BD
17	OPL-0026.1000	OPL	SINBAD AV	OPA LOCKA BD
18	OPL-0029.0100	OPL	PERVIZ AV	SHARAZAD BD
19	OPL-0030.0000	OPL	OPA LOCKA BD	SHARAZAD BD
20	OPL-0032.0000	OPL	OPA LOCKA BD	WEST DR
21	OPL-0036.0000	OPL	OPA LOCKA BD	CALIPH AV
22	OPL-0041.0200	OPL	NW 32 AV	NW 132 TE
23	OPL-0041.0300	OPL	NW 32 AV	NW 135 ST
24	OPL-0111.0000	OPL	NW 135 ST	SINBAD AV
25	OPL-0123.0300	OPL	SHARAZAD BD	PERVIZ AV
26	OPL-0124.0600	OPL	ALI BABA AV	PERVIZ AV
27	OPL-0125.0070	OPL	NW 151 ST	NW 33 CT

HIALEAH – MIAMI SHORES – EL PORTAL

Appendix F-8

Additional Sites from Modified Thresholds



LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* 1.35 - 1.45

* <1.25

* 1.45 - 1.55

* 1.25 - 1.35

★ >1.55 (PART OF DATA COLLECTION)

*Based on Database provided by Miami Date Transit



Appendix F-9

Additional Sites from Modified Thresholds



*Based on Database provided by Miami Date Transit

LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* 1.35 - 1.45

* <1.25

* 145 - 155

* 1.25 - 1.35

★ >1.55 (PART OF DATA COLLECTION)



Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)							
>1.55 (w field data)	<1.55	>1.45	<1.45	>1.35	<1.35	>1.25	<1.25
Quantity by District	BUSTOP ID	DISTRICT	MAIN_ST	CROSS_ST			
1	ELP-0002.0000	ELP	NE 2 AV	NE 88 ST			
2	ELP-0005.0000	ELP	NE 2 AV	NE 88 ST			
1	HIA-0117.0000	HIA	E 1 AV	E 5 ST			
2	HIA-0118.0000	HIA	E 1 AV	E 7 ST			
3	HIA-0120.0000	HIA	E 1 AV	E 8 ST			
4	HIA-0157.0000	HIA	PALM AV	E 25 ST			
5	HIA-0158.0000	HIA	PALM AV	E 27 ST			
6	HIA-0159.0000	HIA	PALM AV	W 29 ST			
7	HIA-0530.0000	HIA	E 9 ST	E 3 AV			
8	HIA-0531.0000	HIA	E 9 ST	E 4 AV			
9	HIA-0546.0000	HIA	E 9 ST	E 4 AV			
10	HIA-0547.0000	HIA	E 9 ST	E 3 AV			
11	HIA-0572.0000	HIA	E 21 ST	E 1 AV			
12	HIA-0587.0000	HIA	E 25 ST	E 7 AV			
13	HIA-0588.0000	HIA	E 25 ST	E 8 AV			
14	HIA-0589.0000	HIA	E 25 ST	E 9 AV			
15	HIA-0590.0000	HIA	E 25 ST	E 10 AV			
16	HIA-0594.0000	HIA	E 25 ST	E 9 AV			
17	HIA-0596.0000	HIA	E 25 ST	E 7 AV			
18	HIA-0597.0000	HIA	E 25 ST	E 6 AV			
1	MSH-0004.0800	MSH	BISCAYNE BD	NE 87 ST			
2	MSH-0019.0000	MSH	BISCAYNE BD	NE 87 ST			
3	MSH-0021.0000	MSH	NE 6 AV	NE 91 ST (CLUB DR)			
4	MSH-0026.0000	MSH	NE 6 AV	NE 103 ST			
5	MSH-0027.0000	MSH	NE 6 AV	NE 105 ST			
6	MSH-0033.0000	MSH	NE 6 AV	NE 92 ST			
7	MSH-0036.0000	MSH	NE 2 AV	NE 96 ST			
8	MSH-0037.0000	MSH	NE 2 AV	NE 100 ST			
9	MSH-0038.0000	MSH	NE 2 AV	NE 103 ST			
10	MSH-0049.0000	MSH	NE 2 AV	NE 103 ST			
11	MSH-0050.0000	MSH	NE 2 AV	NE 101 ST			
12	MSH-0050.0100	MSH	NE 2 AV	NE 98 ST			
13	MSH-0051.0000	MSH	NE 2 AV	NE 95 ST			
14	MSH-0052.0000	MSH	NE 2 AV	NE 93 ST			

FLORIDA CITY - HOMESTEAD

Appendix F-10

Additional Sites from Modified Thresholds



LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* <1.25

* 1.25 - 1.35

* 1.35 - 1.45

* 1.45 - 1.55

★ >1.55 (PART OF DATA COLLECTION)

*Based on Database provided by Miami Date Transit



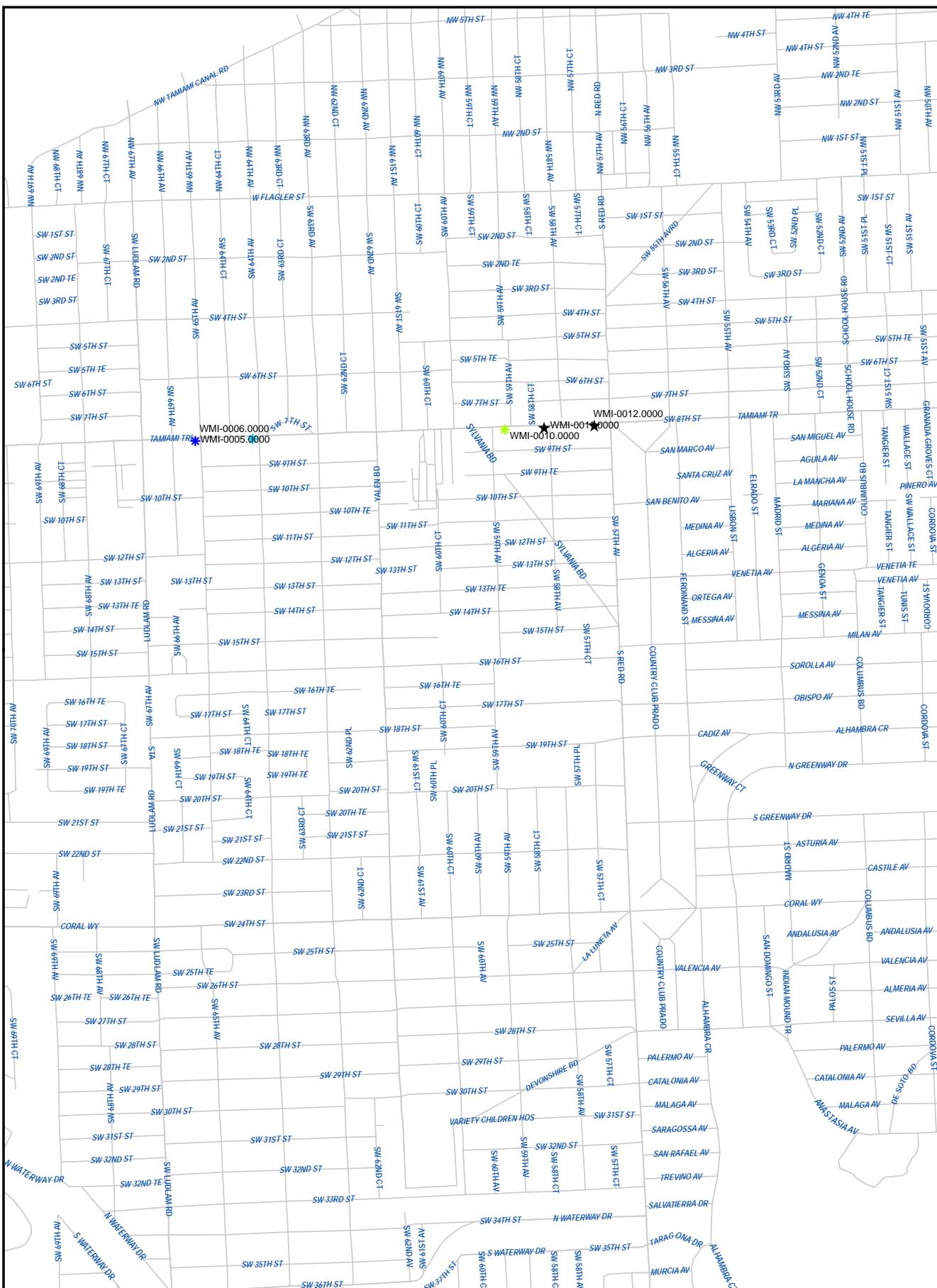
Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)				
>1.55 (w field data)	<1.55 >1.45	<1.45 >1.35	<1.35 >1.25	<1.25
Quantity by District	BUSSTOP ID	DISTRICT	MAIN_ST	CROSS_ST
1	FLC-0002.0000	FLC	NW 6 AV	NW 14 ST
2	FLC-0003.0000	FLC	Possibly Suitable -	not ADA access nor compliant
3	FLC-0004.0100	FLC	NW 6 AV	NW 4 ST
4	FLC-0009.0000	FLC	NW 6 AV	NW 11 ST
1	HOM-0024.0000	HOM	SW 6 AV	SW 4 ST
2	HOM-0025.0000	HOM	SW 6 AV	SW 6 ST
3	HOM-0027.0000	HOM	SW 6 AV	SW 6 ST
4	HOM-0028.0000	HOM	SW 6 AV	SW 4 ST
5	HOM-0028.0100	HOM	SW 6 AV	W MOWRY DR

MIAMI LAKES – SWEETWATER – WEST MIAMI

Appendix F-11

Additional Sites from Modified Thresholds



LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* 1.35 - 1.45

* <1.25

* 145 - 155

* 1.25 - 1.35

★ >1.55 (PART OF DATA COLLECTION)

*Based on Database provided by Miami Date Transit



Appendix F-12

Additional Sites from Modified Thresholds



*Based on Database provided by Miami Date Transit

LEGEND

WEIGHTED AVG OF BOARDINGS (ONS)

* 1.35 - 1.45

* <1.25

* 145 - 155

* 1.25 - 1.35

★ >1.55 (PART OF DATA COLLECTION)



Appendix F

WEIGHTED AVERAGE OF BOARDINGS (AVG ONS)							
>1.55 (w field data)	<1.55	>1.45	<1.45	>1.35	<1.35	>1.25	<1.25
Quantity by District	BUSTOP ID	DISTRICT	MAIN ST	CROSS ST			
1	MLK-0041.0000	MLK	NW 67 AV	WINDMILL GATE RD			
2	MLK-0125.0000	MLK	MIAMI LAKES DR E	NW 67 AV			
3	MLK-0135.0000	MLK	Possibly Suitable -	not ADA access nor compliant			
4	MLK-0136.0000	MLK	MIAMI LAKES DR E	NW 60 AV			
1	SWT-0001.0250	SWT	SW 107 AV	SW 3 ST			
2	SWT-0007.0850	SWT	W FLAGLER ST	SW 114 AV			
3	SWT-0010.0000	SWT	W FLAGLER ST	SW 109 AV			
4	SWT-0011.0000	SWT	W FLAGLER ST	SW 107 AV			
5	SWT-0014.0200	SWT	W FLAGLER ST	NW 112 AV			
6	SWT-0014.0250	SWT	Possibly Suitable -	not ADA access nor compliant			
7	SWT-0014.0300	SWT	Possibly Suitable -	not ADA access nor compliant			
1	WMI-0005.0000	WMI	SW 8 ST	SW 65 AV			
2	WMI-0006.0000	WMI	SW 8 ST	SW 64 AV			
3	WMI-0010.0000	WMI	SW 8 ST	SW 59 AV			
4	WMI-0011.0000	WMI	SW 8 ST	SW 58 AV			
5	WMI-0012.0000	WMI	SW 8 ST	SW 57 AV			



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