

North East Miami Dade

Traffic Flow Analysis

Friday, the Thirteenth of July, Two Thousand Seven

THE CORRADINO GROUP

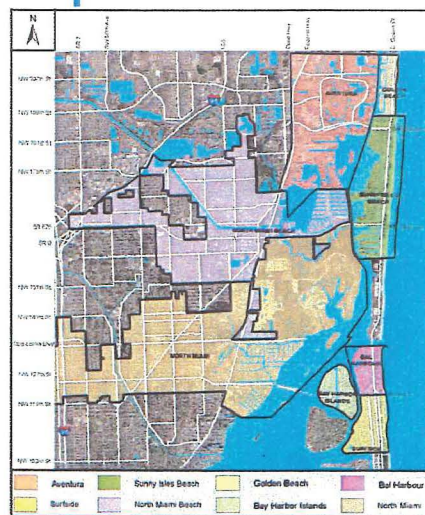
North East Miami Dade

Traffic Flow Analysis

Friday, the Thirteenth of July, Two Thousand Seven

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Study Area Description



Introduction

- ☐ Introduction
- ☐ Objectives
- ☐ Approach
- ☐ Status
- ☐ Tasks
 - ☐ Public Involvement
 - ☐ Data Collection
 - ☐ Analysis
 - ☐ Demographics
 - ☐ MPO Model
 - ☐ Traffic Analysis
 - ☐ Origin/Destination Study
 - ☐ Transit

Introduction

- ☐ We Have a Very Diverse Community
- ☐ Connected by Few Roadways
- ☐ Lack of Alternatives and Physical Capacity
- ☐ Affected by the Gravity of the Barrier Islands
- ☐ And Spatially Diverse Land Use Intensities and Commercial Opportunities
- ☐ Ambient Growth is Worsening Congestion
- ☐ Alternative Modes are Underfunded
- ☐ Neighborhoods and Quality of Life is Suffering

Objectives

- ☐ Examine Existing Conditions
- ☐ Evaluate Issues
- ☐ Develop Multi-Modal Project List
 - ☐ Capacity
 - ☐ Alternative Mode
 - ☐ Policy

Objectives

- ☐ Sub-Regional Transportation Plan
- ☐ Multi-Jurisdictional Cooperation
 - Aventura, Bal Harbour, Bay Harbour Islands, Golden Beach, North Miami, North Miami Beach, Sunny Isles Beach, Surfside, MPO
- ☐ Unified Voice for Transportation Solutions

Objectives

- ☐ Develop Project Costs
- ☐ Prioritize
- ☐ Build Consensus
- ☐ Ultimately Enhance Mobility in Coordinated Manner

Approach

- ☐ Public Involvement
 - One-On-One
 - Group Interaction
 - Consensus
- ☐ Analysis
- ☐ Potential Solutions
 - Conceptual Costs

Status

- ☐ Completed
 - Partial Involvement
 - Data Collection
 - Analysis
 - Needs Assessment
- ☐ Next Steps
 - Workshops
 - Identify Prioritization Criteria
 - Identify Projects
 - Prioritize

Public Involvement

- ☐ Stakeholders Meetings
- ☐ Multiple Interactive Public Workshops
- ☐ Approval

Data Collection

- ☐ Reviewed Multiple Existing Plans
- ☐ Collected Dozens of Traffic Counts and Conducted Traffic Counts to Supplement Existing Data

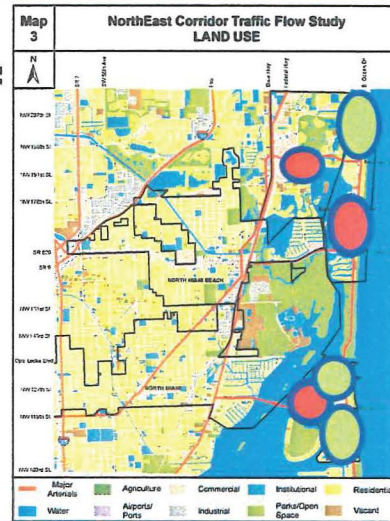
Analysis

- ☐ Plan Review
- ☐ Demographics
- ☐ MPO Model
- ☐ Traffic Analysis
- ☐ Origin/Destination Study
- ☐ Transit

Land use

Diverse
Residential in Various Intensities:

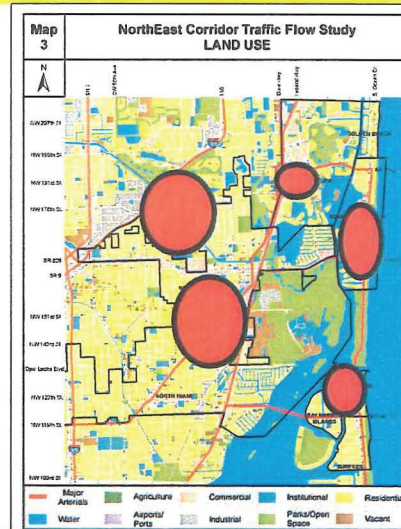
- (checkerboard)
- High
 - Aventura
 - Sunny Isles
 - Bay Harbour Islands
- Low
 - Golden Beach
 - Bal Harbour
 - Surfside



Land use

Employment

- Aventura
- Bal Harbour
- Sunny Isles
- North Miami Beach
- North Miami



Demographics

Diverse

- 160,000 People
- Checkerboard of Diversity
- Cities of 1,000 to 60,000
- Predominantly White to Predominately Minority
- Avg Age from 30's to 50's
- Income Spread up to 4 times
- Geographic Area 0.3 sq miles to 10 sq miles
- Commute times 24 – 34 Minutes
- Differing:
 - Density Goals
 - Definitions of Quality of Life

Demographics

Race

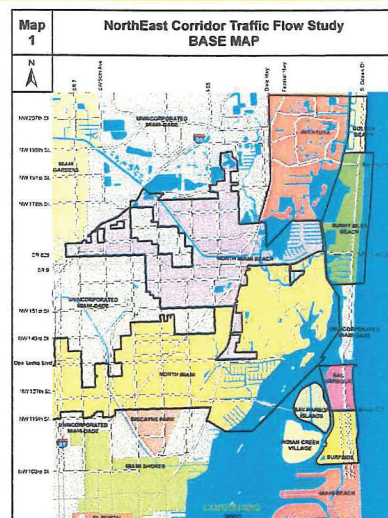
- 69% White
- 26% Hispanic
- 12% Black

Age

- Median Age: 44yrs
- 25yrs – 44yrs: 28%
- 45yrs – 64yrs: 23%
- 65yrs+: 23%

Income

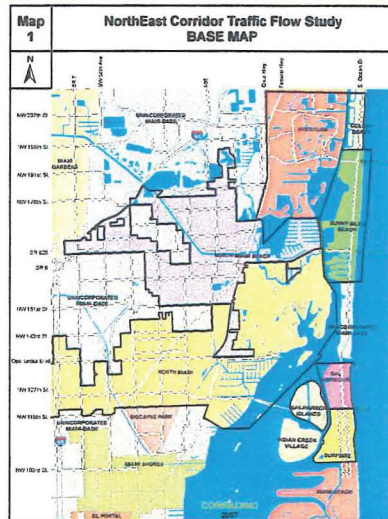
- Median Household Income: \$51,000
- Per Capita Income: \$38,250
- Percent Below Poverty Line: 12.75%
- Commute To Work: 29 min



Demographics

Residential / Commercial

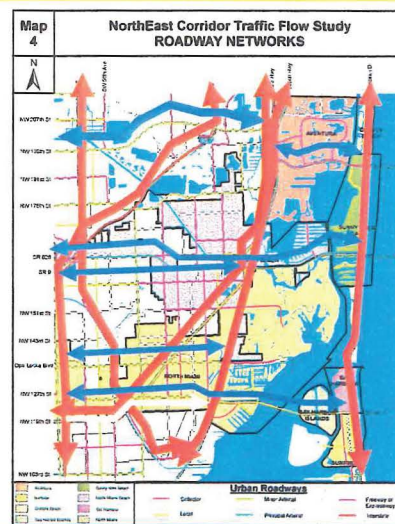
- Relatively Balanced to the East
- Less Balanced to the West



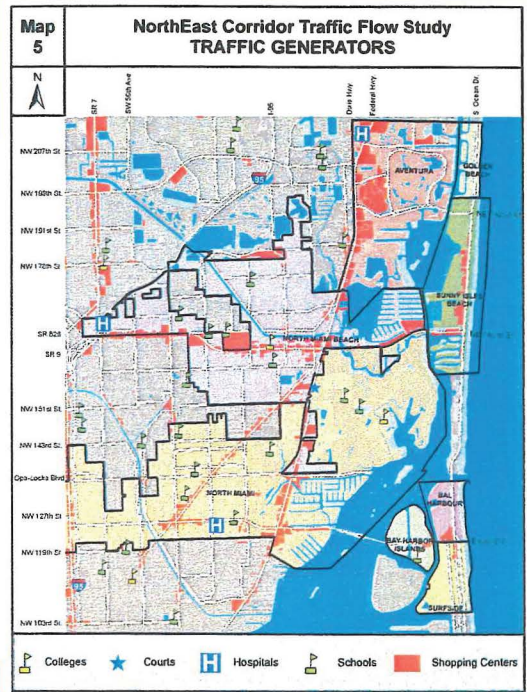
Roads

We Share a Common Transportation Network

Interrupted Grid
Ocean and Bay are Separators
Few East/West and North/South Roads Serve Regional Needs



Generators



MPO Model

East/West

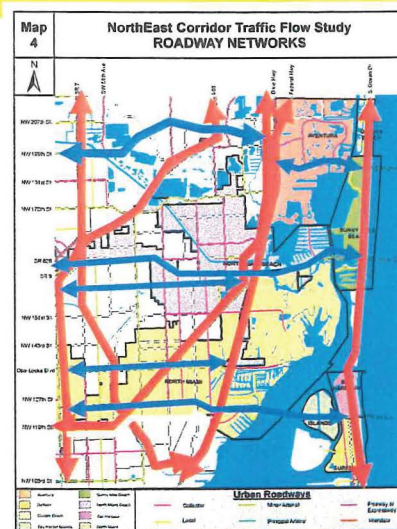
Traffic is Bad – By 2030 it Will Be Much Worse

Sunny Isles Causeway, Most Volume–
Most Capacity

Lehman Causeway, Least Volume – 2nd
Most Capacity – Little Connectivity

JFK, 2nd Highest Volume – 2nd Lowest
Capacity – Very Connective

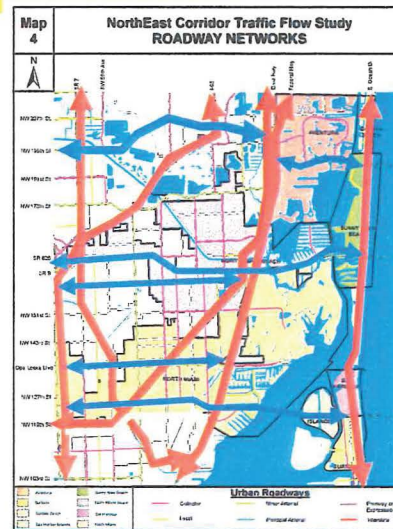
Broad Causeway – 2nd Lowest Capacity –
More Volume than Lehman - Toll



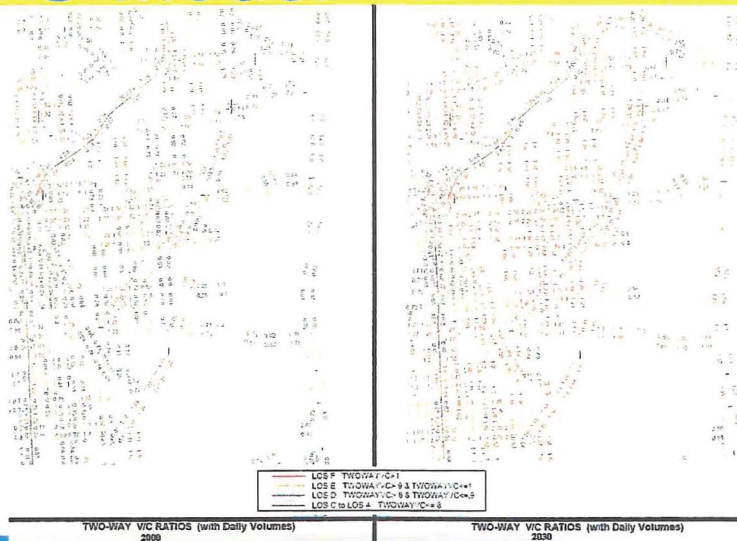
MPO Model

North/ South

AIA: 59 Traffic Signals
 US-1 (Biscayne): 44 Traffic Signals
 I-95: Free Flow, Heavy Vol



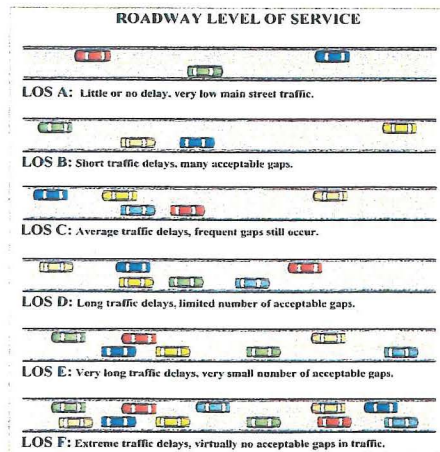
MPO Model



Traffic Analysis

Examined Level of Service in Detail

INTERSECTION LEVEL OF SERVICE		
Level of Service	Seconds Delay/Vehicle	Description
LOS A	≤ 10	Most vehicles do not stop at all
LOS B	> 10 and ≤ 20	More vehicles stop than for LOS A
LOS C	> 20 and ≤ 35	The number of vehicles stopping is significant, although many pass through without stopping
LOS D	> 35 and ≤ 55	Many vehicles stop
LOS E	> 55 and ≤ 80	Considered being the limit of acceptable delay
LOS F	> 80	Unacceptable delay



Traffic Analysis

Analysis

- 11 Intersections
- 77 Roadway Segments (links)
- Evaluated for:
 - Type
 - Classification
 - Growth to 2015 and 2030
 - Current Volume
 - Level of Service
 - Remaining Capacity

Traffic Analysis

Over Time Roadway Conditions Will Deteriorate

Road Segments Generally Acceptable Now and In Future

Surpassing Acceptable Thresholds (LOS E and F):

- West Dixie Hwy,
- Biscayne Blvd,
- NW 17 Ave,
- NE 167 St,
- SR A1A,
- 123/125 St.

Traffic Analysis

Intersections Are the Main Cause of Concern

These Cause Deteriorated Conditions on Roadway Links

In Future Deteriorated Intersections in AM Peak:

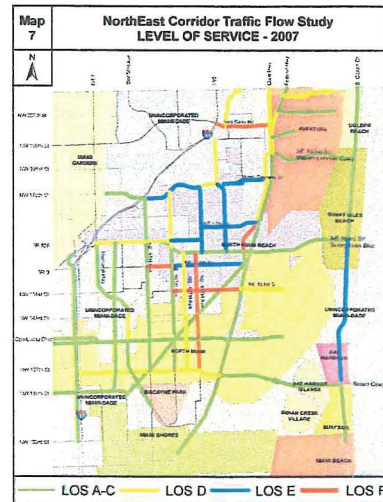
- US-1/W. Lehman Cswy;
- Miami Gardens Dr/West Dixie,
- SR 826/10 Ave; US-1/N. Miami Blvd;
- US-1/NE 135 St;
- NE 135 St/West Dixie
- SR 826/NW 2 Ave

•All Most All Intersections Fail By 2030 in PM Peak

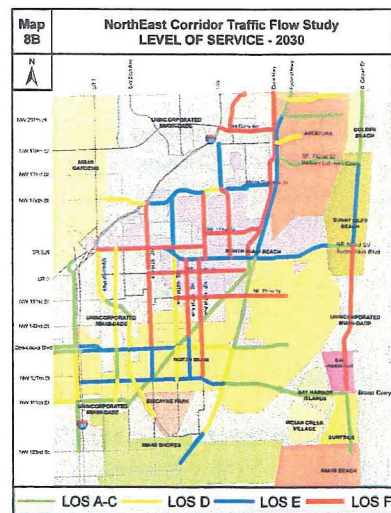
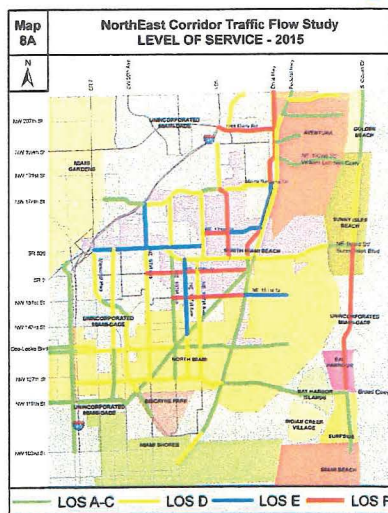
- We lack Physical Capacity To Widen These Intersections
- Signal Timing May Help



Traffic Analysis

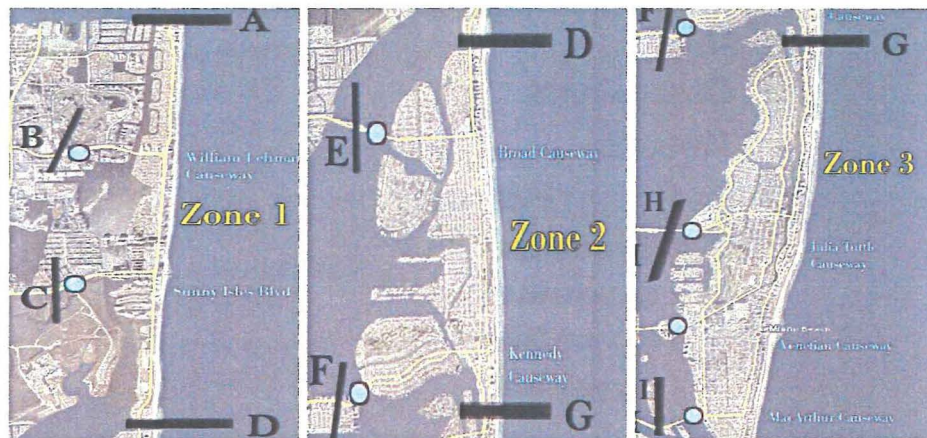


Traffic Analysis



Origin/Destination Study

3 Zones, 9 Screen lines



Origin/Destination Study

Methodology

- ☐ Wednesday in March
(peak hours 6:30am – 12:30pm)
- ☐ Traffic Counts
- ☐ Automated Data Processing

Origin/Destination Study

- ❑ Movements
 - Origins
 - Destinations
 - Through
 - Trips That Passed:
 - 1 Screen line
 - 2 Screen lines
 - 3 Screen lines
 - 4 Screen lines

- Origins
- Destinations
- Through
- Trips That Passed:
 - 1 Screen line
 - 2 Screen lines
 - 3 Screen lines
 - 4 Screen lines

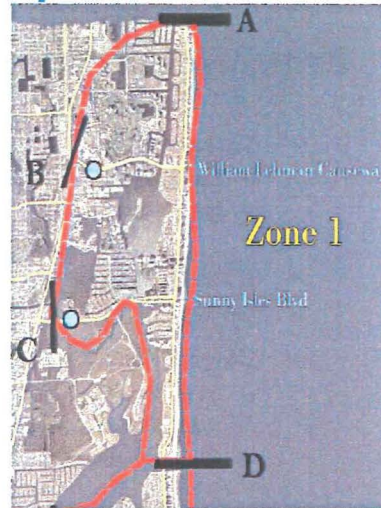
Study Area Description



Study Area Description

Zone 1: Golden Beach, Sunny Isles Beach, Haulover, Aventura

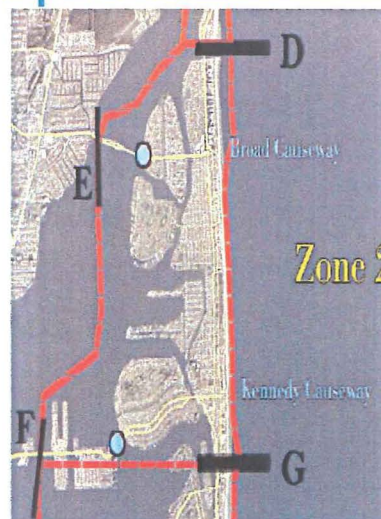
- Connections:
 - AIA (Broward)
 - Lehman Causeway
 - Sunny Isles Blvd
- 51,800 Residents
- 19,300 Jobs
- Major Employment Center:
 - Aventura Mall
 - 12,600 Employees



Study Area Description

Zone 2: Bal Harbour, Bay Harbour Islands, Surfside, North Bay Village, North Beach

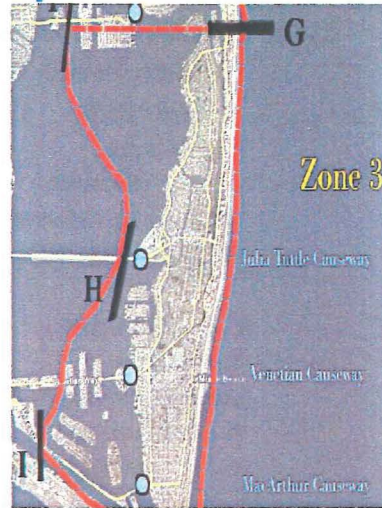
- Connections
 - Broad Causeway
 - Kennedy Causeway
- 55,000 Residents
- 11,700 Jobs
- Major Employment Center:
 - Bal Harbour/Bay Harbor Islands
 - 5,400 Employees



Study Area Description

Zone 3: Middle Beach, South Beach

- Connections
 - Julia Tuttle
 - MacArthur
- 77,000 Residents
- 42,500 Jobs
- Major Employment Centers:
 - 41st Street (14,300 Employees)
 - Lincoln Road (9,900 Employees)
 - Ocean Drive (4,300 Employees)



Origin/Destination

□ Percent of All Trips

- 27 % In Zone 1
- 26 % In Zone 2
- 47 % In Zone 3



Origin/Destination

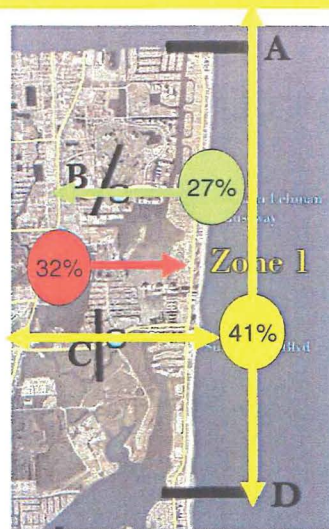
❑ Multiple Screen line Travel Patterns

- + - 175 ,000, Plates Recorded
- 54% Passed Through Only One Line
- 39% Passed Through Only Two Lines
- >7% Passed Through Only Three Lines
- >1% Passed Through Only Four Lines

Origin/Destination

❑ Zone 1

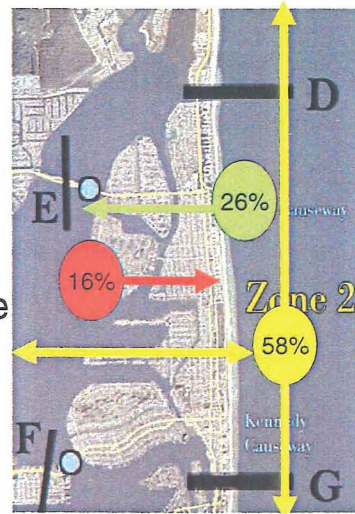
- 27% Originate In Zone
- 32% Are Destined To Zone
- 41 % Pass Through Zone



Origin/Destination

□ Zone 2

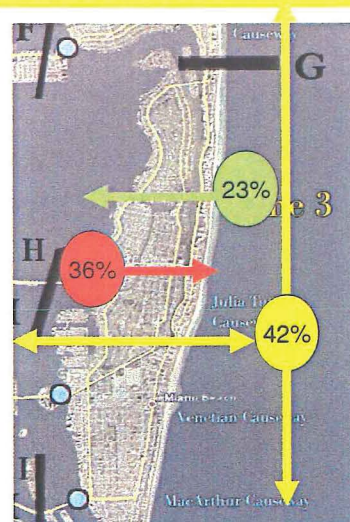
- 26% Originate In Zone
- 16% Are Destined To Zone
- 58% Pass Through Zone



Origin/Destination

□ Zone 3

- 23% Originate In Zone
- 36% Are Destined To Zone
- 42% Pass Through Zone



Origin/Destination

Sub regional trip making in study area is occurring but not the primary cause of congestion

Drivers tend to enter or exit system on the causeway closest to their beach origin or destination

Origin/Destination

East/West movement is most prevalent

Traffic is a product of the existing density, diverse land uses, and well balanced economy

Origin/Destination

Traffic distributes on main land

The roadway network is mature

Origin/Destination

- Origin/Destination Effects Our Study Area
- To Get to Or Through Barrier Islands, Drives Must Use North East Area Roads
- Much in and Out Traffic Over Causeways Getting Out and Trying To Distribute on I-95 or US-1 Creating East West Congestion
- Sunny Isles Blvd / 167-163rd St , Because of its Connectivity is the Major Sub-Regional Connector

Transit

25 Routes
92,500 Boarding's Per Weekday

Best

Route	Boarding's	Headway (min)
H	5050	17
K	5066	15
S	12775	10
3	8554	18
9	5980	12
77	10691	8

Most Efficient Routes Touch Many Cities

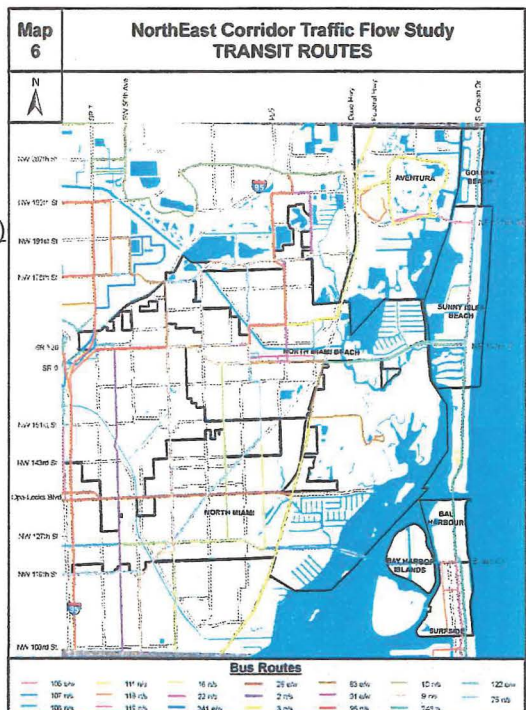


Transit

Worst

Route	Boarding's	Headway (min)
R	687	30
V	335	60
99	932	30
246	447	60

MDT is Consolidating Inefficient and Ineffective Routes



Potential Projects

☐ Phase I 1 - 3 year horizon

- Only the most fundamental route restructuring changes
- Implement A1A Corridor local and express routes with existing bus resources
- Implement circulators to complement A1A Corridor Route
- No additional capital – only existing vehicle and capital resources

☐ Phase II 3 – 5+ year horizon

- Implement minor East-West Route changes
- Initial Capital Improvements:
 - BRT Roadway Improvements – no major ROW requirements
 - Station development for Phase II and Phase III route changes

☐ Phase III 5+ year horizon

- Implement East-West Route changes if contemporarily justifiable
- Implement BRT Roadway Improvements that use dedicated ROW if justified

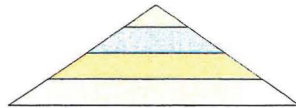
Questions

- ☐ What projects can enhance this or change it to the desired pattern
 - Capacity
 - Alternative Mode
 - Policy



Questions

- ❑ What criteria would we use to prioritize with



Solutions

This Represents A Fresh Agenda Relative To
Transportation Planning

An Incremental / Multi-Modal Approach To
Reaching The Goal

Desired Outcomes May Be To
Move People More Efficiently
Increase Transit Ridership
More Balance The Modal Split



Solutions

Paradigm Shift

From

Roadway for
Cars

To

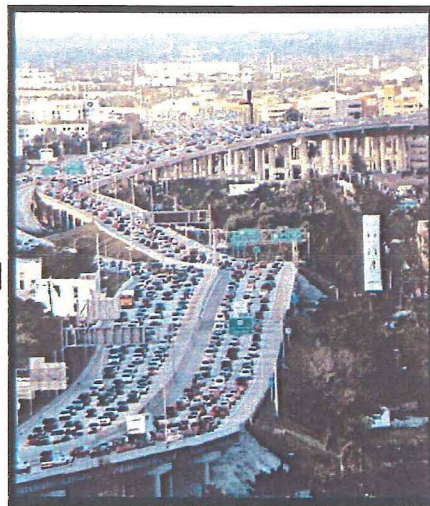
Roadway for
Transit



Solutions

A Single Mode of Travel Can
Not Supply Adequate
Capacity

Few Opportunities Exist To
Implement Greater Physical
Capacity

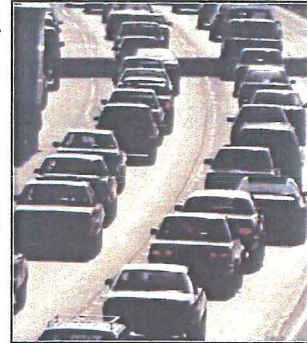


Solutions

No Master Plan Can Successfully
Improve Traffic

Let Congestion Increase at Less of a
Pace Than If Left Unattended

We Notice Congestion More
Because We Are Reaching Critical
Mass



Solutions

Think Of Traffic and Congestion As People Not
Cars



Solutions

Transportation Funding Has
Been Focused On Roadway

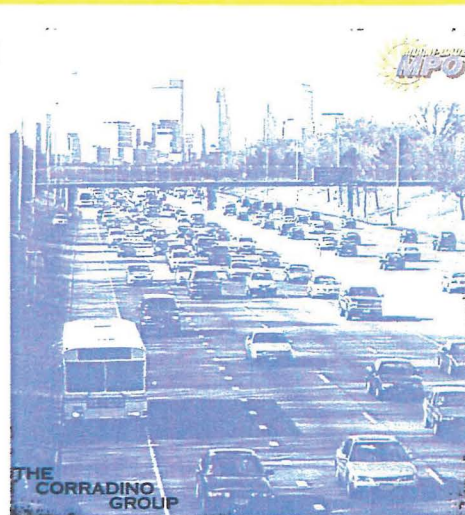
We Can No Longer Build Out Of
The Problem With Out
Alternative Modes



Solutions

Transit Projects Have Been
Noncompetitive

The Economic Costs To
Each Of Us Could Be
Significant



Prioritization Criteria

What Are The Most Important Criteria To You for To Evaluate Projects By:

- Promotes Use of Alternative Modes
- Promotes Transit Related Development
- Potential Cost
- Sub Regional Impact
- Attracts Choice Riders
- Focuses on Enhancing Mobility
- Coordinates Multi-Jurisdictionally
- More Balances Modal Split
- Consistent With Growth Management Policies
- Adds Physical Capacity
- Adds Person Capacity

Projects

What Projects Would You See As Most Important In The Areas of:

- Physical Capacity
- Alternative Modes (Transit)
- Policy

**North East Corridor
Traffic Flow Study**

Current Conditions

Year 2007

Roadway	Limits	Facility Type	Function Classification Jurisdiction	Level-of-Service		LOS Std	Existing LOS	Peak Hr Directional Level Of-Service (vph)			Remaining Volume
				AADT (vpd)	Peak Hr Directional (vph)			C	D	E	
Ocean Blvd. / Collins Ave. / A1A	Miami Dade/ Broward Line to William CSWY	4LD	Principal Arterial / State	25857	1034	E	< C	1360	1710	2160	1126
	William CSWY to Sunny Isles Blvd	6LD	Principal Arterial / State	52221	2089	E	< C	2110	2570	3252	1163
	Sunny Isles Blvd to Broad CSWY/96 St	4LD	Principal Arterial / State	50397	2016	E	E	1360	1710	2160	144
	Broad CSWY/96 St to 77 St	3L One Way	Principal Arterial / State	24288	972	E	< C	2110	2570	3252	2280
Harding Ave / A1A	Broad CSWY/96 St to 77 St	3L One Way	Principal Arterial / State	24336	973	E	< C	2110	2570	3252	2279
Biscayne Blvd. / US 1 / SR 5	NE 213 St to Ives Dairy Rd.	8LD	Principal Arterial / State	51714	2069	E	< C	2790	3330	4200	2131
	NE 203 St to William Lehman CSWY	8LD	Principal Arterial / State	71982	2879	E	D	2790	3330	4200	1321
	William Lehman CSWY to Sunny Isles Blvd	8LD	Principal Arterial / State	65403	2616	E	< C	2790	3330	4200	1584
	Sunny Isles Blvd to NE 135 St	8LD	Principal Arterial / State	54349	2174	E	< C	2790	3330	4200	2026
	NE 135 St to NE 16 Ave	6LD	Principal Arterial / State	46898	1876	E	< C	2110	2570	3252	1376
	NE 16 Ave to NE 108 St	6LD	Principal Arterial / State	51714	2069	E	< C	2110	2570	3252	1183
West Dixie HWY / SR 909	County Line Rd. to Ives Dairy Rd.	2LU	Collector / State	15783	631	E	D	590	810	850	219
	Ives Dairy Rd. to Miami Gardens Dr.	2LU	Minor Arterial / State	18093	724	E	D	590	810	850	86
	Miami Gardens Dr. to NE 171 St	2LU	Minor Arterial / State	19119	765	E	D	590	810	850	85
	NE 171 St to NE 163 St	2LU	Minor Arterial / State	22557	902	E	F	590	810	850	-92
	NE 163 St to NE 151 St	4LD	Minor Arterial / State	18516	741	E	< C	1360	1710	1800	1059
	NE 151 St to NE 125 St	4LD	Minor Arterial / State	25064	1003	E	< C	1360	1710	1800	797
Highland Lakes Blvd	County Line Rd. to Ives Dairy Rd.	2LU	Collector	10263	411	E	D	250	530	660	249
NE 18 Ave	NE 199 St to Miami Gardens Dr.	4LD	Collector	24757	990	E	D	580	1140	1320	330
NE 19 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Collector	30345	1214	E	E	580	1140	1320	106
NE 16 Ave	Sunny Isles Blvd. to West Dixie Hwy	2LU	Collector	8834	353	E	< C	480	760	810	457
	West Dixie HWY to Opa Locka Blvd	2LU	Collector	11684	467	E	< C	480	760	810	343
	Opa Locka Blvd to Biscayne Blvd	2LU	Collector	14049	562	E	D	480	760	810	248
NE 15 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	2LU	Collector	13579	543	E	E	250	530	660	117
NE 14 Ave	Sunny Isles Blvd. to Opa Locka Blvd.	2LU	Local	19561	782	E	F	250	530	660	-122
NE 12 Ave	Sunny Isles Blvd. to West Dixie Hwy	2LU	Collector	12226	489	E	D	250	530	660	171
	West Dixie HWY to NE 125 St	2LU	Collector	8930	357	E	D	250	530	660	303

**North East Corridor
Traffic Flow Study**

Current Conditions

Year 2007

Roadway	Limits	Facility Type	Function Classification Jurisdiction	Level-of-Service		LOS Std	Existing LOS	Peak Hr Directional Level Of-Service (vph)			Remaining Volume
				AADT (vpd)	Peak Hr Directional (vph)			C	D	E	
NE 10 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	2LU	Collector	13918	557	E	D	480	760	810	253
	Sunny Isles Blvd. to West Dixie Hwy	2LU	Collector	7544	302	E	< C	480	760	810	508
	West Dixie HWY to NE 125 St	2LU	Collector	7678	307	E	< C	480	760	810	503
NE 6 Ave / SR 915	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Minor Arterial / State	32025	1281	E	< C	1360	1710	2160	879
	Sunny Isles Blvd. to Opa Locka Blvd.	4LD	Minor Arterial / State	21372	855	E	< C	1360	1710	2160	1305
	Opa Locka Blvd. to NE 125 St	4LD	Minor Arterial / State	20364	815	E	< C	1360	1710	2160	1345
	NE 125 St to Griffing Blvd.	4LD	Minor Arterial / State	21680	867	E	< C	1360	1710	2160	1293
N. Miami Ave	Sunny Isles Blvd. to Memorial HWY.	2LU	Minor Arterial	10904	436	E	< C	480	760	810	374
	Memorial HWY. to Opa Locka Blvd.	2LU	Minor Arterial	8663	347	E	< C	480	760	810	463
	Opa Locka Blvd. to NE 125 St	2LU	Minor Arterial	4988	200	E	< C	480	760	810	610
	NE 125 St to NW 119 St	2LU	Minor Arterial	6862	274	E	< C	480	760	810	536
NW 2 Ave / Griffing Blvd / Memorial HWY	Sunny Isles Blvd. to N. Miami Ave	4LD	Collector	12032	481	E	< C	1120	1620	1720	1239
	N. Miami Ave to NE 135 St	2LU	Collector	12911	516	E	D	480	760	810	294
	NE 135 St to W. Dixie HWY	2LU	Collector	11237	449	E	< C	480	760	810	361
	W. Dixie HWY to NE 6 Ave.	2LU	Collector	10015	401	E	< C	480	760	810	409
NW 7 Ave / US 441 / SR 7	Golden Glades Int. to Opa Locka Blvd.	6LD	Minor Arterial	30450	1218	E	< C	1740	2450	2580	1362
	Opa Locka Blvd. to NW 119 St	6LD	Minor Arterial	33056	1322	E	< C	1740	2450	2580	1258
	NW 119 St to NE 103 St	6LD	Minor Arterial	32281	1291	E	< C	1740	2450	2580	1289
NW 17 Ave	Opa Locka Blvd. to NW 119 St	2LU	Collector	14639	586	E	E	250	530	660	74
	NW 119 St to NW 111 St	4LD	Collector	22343	894	E	D	580	1140	1320	426
Ives Dairy Rd. / NE 203 St	I-95 to Highland Lakes Blvd.	6LD	Minor Arterial	80498	3220	E	F	1740	2450	2580	-640
	Highland Lakes Blvd. to Biscayne Blvd.	6LD	Minor Arterial	65107	2604	E	F	1740	2450	2580	-24
NE 213 St	Biscayne Blvd. to NE 34 Ave	4LD	Local	14943	598	E	D	580	1140	1320	722
Waterway Blvd.	Biscayne Blvd. to NE 34 Ave	4LD	Collector	7834	313	E	< C	580	1140	1320	1007
Aventura Blvd.	Biscayne Blvd. to W Country Club Dr.	4LD	Collector	7423	297	E	< C	580	1140	1320	1023
William Lehman CSWY / SR 856 / NE 192 St	Biscayne Blvd. to Ocean Blvd.	6LD	Urban Principal Arterial Freeways & Expressways	34284	1371	E	< C	4180	5410	7380	6009
Miami Gardens Dr / NE 186 St / SR 860	NW 2 Ave to I-95	6LD	Minor Arterial / State	43283	1731	E	< C	2110	2570	2710	979
	I-95 to NE 15 Ave	4LD	Minor Arterial / State	50921	2037	E	E	1360	1710	2160	123
	NE 15 Ave to NE 18 Ave	4LD	Minor Arterial / State	42703	1708	E	D	1360	1710	2160	452
	NE 18 Ave to Biscayne Blvd.	4LD	Minor Arterial / State	49393	1976	E	E	1360	1710	2160	184
NE 171 St	NE 15 Ave to Biscayne Blvd.	2LU	Collector	14659	586	E	E	250	530	660	74
NE 167 St / SR 826	I-95 to NE 10 Ave	6LD	Principal Arterial / State	62123	2485	E	D	2110	2570	3252	767
	NE 10 Ave to NE 15 Ave	2LU	Collector	13942	558	E	E	250	530	792	234

**North East Corridor
Traffic Flow Study**

Current Conditions

Year 2007

Roadway	Limits	Facility Type	Function Classification Jurisdiction	Level-of-Service		LOS Std	Existing LOS	Peak Hr Directional Level Of-Service (vph)			Remaining Volume
				AADT (vpd)	Peak Hr Directional (vph)			C	D	E	
NE 163 St / Sunny Isles Blvd. / Ocean Beach Blvd. / SR 826	NE 10 Ave to Biscayne Blvd.	6LD	Principal Arterial / State	51703	2068	E	< C	2110	2570	3252	1184
	Biscayne Blvd. to NE 35 Ave.	8LD	Principal Arterial / State	67416	2697	E	< C	2790	3330	4200	1503
	NE 35 Ave. to Ocean Blvd./Collins Ave.	8LD	Principal Arterial / State	42072	1683	E	< C	2790	3330	4200	2517
NE 159 St	NE 6 Ave to NE 10 Ave	2LU	Collector	18409	736	E	F	250	530	660	-76
	NE 10 Ave to W. Dixie HWY	2LU	Collector	13978	559	E	E	250	530	660	101
NE 151 St	NE 10 Ave to Biscayne Blvd.	2LU	Collector	17255	690	E	F	250	530	660	-30
	Biscayne Blvd. to Bay Vista Blvd.	2LU	Collector	10852	434	E	D	250	530	660	226
Opa Locka Blvd. / NE 135 St / SR 916	NW 17 Ave to NW 7 Ave	6LD	Minor Arterial / State	31232	1249	E	< C	2110	2570	2710	1461
	NW 7 Ave to W. Dixie HWY	4LD	Minor Arterial / State	29184	1167	E	< C	1360	1710	1800	633
	W. Dixie HWY to Biscayne Blvd.	4LD	Minor Arterial / State	27136	1085	E	< C	1360	1710	1800	715
	Biscayne Blvd. to Bay Vista Blvd.	2LD	Minor Arterial / State	4209	168	E	< C	590	810	850	682
NW 127 St	NW 22 Ave to NW 7 Ave	2LU	Collector	11014	441	E	D	250	530	660	219
NE 125 St / NE 123 St / Broad CSWY / SR 922	NW 7 Ave to W. Dixie HWY	4LD	Minor Arterial / State	36155	1446	E	D	1360	1710	2160	714
	W. Dixie HWY to Biscayne Blvd.	4LD	Minor Arterial / State	35999	1440	E	D	1360	1710	2160	720
	Biscayne Blvd. to Collins Ave.	4LD	Minor Arterial / State	24104	964	E	< C	1360	1710	2160	1196
NW 119 St / SR 924	NW 22 Ave to NW 7 Ave	6LD	Principal Arterial / State	43232	1729	E	< C	2110	2570	2710	981
	NW 7 Ave to NE 2 Ave	4LD	Principal Arterial / State	20208	808	E	< C	1360	1710	1800	992

**North East Corridor
Traffic Flow Study**

2015 Conditions

Roadway	Limit	Facility Type	Functional Classification Jurisdiction	Existing AADT (vpd)	Existing Peak Hr (vph)	Growth Factor	Year 2015 Volumes		LOS Std	2015 LOS	Peak Hr Directional Level-Of-SERVICE (vph)			Remaining Volume
							AADT (vpd)	Peak Hr (vph)			C	D	E	
Ocean Blvd. / Collins Ave. / A1A	Miami Dade/ Broward Line to William CSWY	4LD	Principal Arterial / State	25857	1034	1.014	28899	1156	E	< C	1360	1710	2160	1004
	William CSWY to Sunny Isles Blvd	6LD	Principal Arterial / State	52221	2089	1.014	58365	2335	E	D	2110	2570	3252	917
	Sunny Isles Blvd to Broad CSWY/96 St	4LD	Principal Arterial / State	50397	2016	1.013	55883	2235	E	F	1360	1710	2160	-75
	Broad CSWY/96 St to 77 St	3L One Way	Principal Arterial / State	24288	972	1.012	26720	1069	E	< C	2110	2570	3252	2183
Harding Ave / A1A	Broad CSWY/96 St to 77 St	3L One Way	Principal Arterial / State	24336	973	1.014	27199	1088	E	< C	2110	2570	3252	2164
Biscayne Blvd. / US 1 / SR 5	NE 213 St to Ives Dairy Rd.	8LD	Principal Arterial / State	51714	2069	1.014	57798	2312	E	< C	2790	3330	4200	1888
	NE 203 St to William Lehman CSWY	8LD	Principal Arterial / State	71982	2879	1.014	80455	3218	E	D	2790	3330	4200	982
	William Lehman CSWY to Sunny Isles Blvd	8LD	Principal Arterial / State	65403	2616	1.014	73097	2924	E	D	2790	3330	4200	1276
	Sunny Isles Blvd to NE 135 St	8LD	Principal Arterial / State	54349	2174	1.014	60743	2430	E	< C	2790	3330	4200	1770
	NE 135 St to NE 16 Ave	6LD	Principal Arterial / State	46898	1876	1.014	52415	2097	E	< C	2110	2570	3252	1155
	NE 16 Ave to NE 108 St	6LD	Principal Arterial / State	51714	2069	1.014	57798	2312	E	D	2110	2570	3252	940
West Dixie HWY / SR 909	County Line Rd. to Ives Dairy Rd.	2LU	Collector / State	15783	631	1.043	22113	885	E	F	590	810	850	-35
	Ives Dairy Rd. to Miami Gardens Dr.	2LU	Minor Arterial / State	18093	724	1.024	21930	877	E	F	590	810	850	-27
	Miami Gardens Dr. to NE 171 St	2LU	Minor Arterial / State	19119	765	1.013	21178	847	E	E	590	810	850	3
	NE 171 St to NE 163 St	2LU	Minor Arterial / State	22557	902	1.030	28476	1139	E	F	590	810	850	-289
	NE 163 St to NE 151 St	4LD	Minor Arterial / State	18516	741	1.023	22211	888	E	< C	1360	1710	1800	912
	NE 151 St to NE 125 St	4LD	Minor Arterial / State	25064	1003	1.023	30064	1203	E	< C	1360	1710	1800	597
Highland Lakes Blvd	County Line Rd. to Ives Dairy Rd.	2LU	Collector	10263	411	1.026	12622	505	E	D	250	530	660	155
NE 18 Ave	NE 199 St to Miami Gardens Dr.	4LD	Collector	24757	990	1.006	25884	1035	E	D	580	1140	1320	285
NE 19 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Collector	30345	1214	1.020	35651	1426	E	F	580	1140	1320	-106
NE 16 Ave	Sunny Isles Blvd. to West Dixie Hwy	2LU	Collector	8834	353	1.023	10558	422	E	< C	480	760	810	388
	West Dixie HWY to Opa Locka Blvd	2LU	Collector	11684	467	1.023	14061	562	E	D	480	760	810	248
	Opa Locka Blvd to Biscayne Blvd	2LU	Collector	14049	562	1.019	16397	656	E	D	480	760	810	154
NE 15 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Collector	13579	543	1.037	18097	724	E	D	580	1140	1320	596
NE 14 Ave	Sunny Isles Blvd. to Opa Locka Blvd.	4LD	Local	19561	782	1.017	22385	895	E	D	580	1140	1320	425
NE 12 Ave	Sunny Isles Blvd. to West Dixie Hwy	2LD	Collector	12226	489	1.017	13958	558	E	E	250	530	660	102
	West Dixie HWY to NE 125 St	2LU	Collector	8930	357	1.035	11789	472	E	D	250	530	660	188

**North East Corridor
Traffic Flow Study**

2015 Conditions

Roadway	Limit	Facility Type	Functional Classification Jurisdiction	Existing AADT (vpd)	Existing Peak Hr (vph)	Growth Factor	Year 2015 Volumes		LOS Std	2015 LOS	Peak Hr Directional Level-Of-SERVICE (vph)			Remaining Volume
							AADT (vpd)	Peak Hr (vph)			C	D	E	
NE 10 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	2LU	Collector	13918	557	1.017	15987	639	E	D	480	760	810	171
	Sunny Isles Blvd. to West Dixie Hwy	2LU	Collector	7544	302	1.029	9506	380	E	< C	480	760	810	430
	West Dixie HWY to NE 125 St	2LU	Collector	7678	307	1.048	11208	448	E	< C	480	760	810	362
NE 6 Ave / SR 915	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Minor Arterial / State	32025	1281	1.050	47316	1893	E	E	1360	1710	2160	267
	Sunny Isles Blvd. to Opa Locka Blvd.	4LD	Minor Arterial / State	21372	855	1.084	40746	1630	E	D	1360	1710	2160	530
	Opa Locka Blvd. to NE 125 St	4LD	Minor Arterial / State	20364	815	1.084	38824	1553	E	D	1360	1710	2160	607
	NE 125 St to Griffing Blvd.	4LD	Minor Arterial / State	21680	867	1.084	41333	1653	E	D	1360	1710	2160	507
N. Miami Ave	Sunny Isles Blvd. to Memorial HWY.	2LU	Minor Arterial	10904	436	1.017	12432	497	E	D	480	760	810	313
	Memorial HWY. to Opa Locka Blvd.	2LU	Minor Arterial	8663	347	1.055	13254	530	E	D	480	760	810	280
	Opa Locka Blvd. to NE 125 St	2LU	Minor Arterial	4988	200	1.055	7654	306	E	< C	480	760	810	504
	NE 125 St to NW 119 St	2LU	Minor Arterial	6862	274	1.055	10531	421	E	< C	480	760	810	389
NW 2 Ave / Griffing Blvd / Memorial HWY	Sunny Isles Blvd. to N. Miami Ave	4LD	Collector	12032	481	1.050	17769	711	E	< C	1120	1620	1720	1009
	N. Miami Ave to NE 135 St	2LU	Collector	12911	516	1.011	14053	562	E	D	480	760	810	248
	NE 135 St to W. Dixie HWY	2LU	Collector	11237	449	1.019	13091	524	E	D	480	760	810	286
	W. Dixie HWY to NE 6 Ave.	2LU	Collector	10015	401	1.017	11426	457	E	< C	480	760	810	353
NW 7 Ave / US 441 / SR 7	Golden Glades Int. to Opa Locka Blvd.	6LD	Minor Arterial	30450	1218	1.015	34302	1372	E	< C	2110	2570	3252	1880
	Opa Locka Blvd. to NW 119 St	6LD	Minor Arterial	33056	1322	1.033	42860	1714	E	< C	2110	2570	3252	1538
	NW 119 St to NE 103 St	6LD	Minor Arterial	32281	1291	1.033	41856	1674	E	< C	2110	2570	3252	1578
NW 17 Ave	Opa Locka Blvd. to NW 119 St	2LU	Collector	14639	586	1.015	16437	657	E	E	250	530	660	3
	NW 119 St to NW 111 St	4LD	Collector	22343	894	1.033	28895	1156	E	E	580	1140	1320	164
Ives Dairy Rd. / NE 203 St	I-95 to Highland Lakes Blvd.	6LD	Minor Arterial	80498	3220	1.016	91533	3661	E	F	1740	2450	2580	-1081
	Highland Lakes Blvd. to Biscayne Blvd.	6LD	Minor Arterial	65107	2604	1.000	65107	2604	E	F	1740	2450	2580	-24
NE 213 St	Biscayne Blvd. to NE 34 Ave	4LD	Local	14943	598	1.010	16220	649	E	D	580	1140	1320	671
Waterway Blvd.	Biscayne Blvd. to NE 34 Ave	4LD	Collector	7834	313	1.036	10410	416	E	< C	580	1140	1320	904
Aventura Blvd.	Biscayne Blvd. to W Country Club Dr.	4LD	Collector	7423	297	1.076	13323	533	E	< C	580	1140	1320	787
William Lehman CSWY / SR 856 / NE 192 St	Biscayne Blvd. to Ocean Blvd.	6LD	Urban Principal Arterial Freeways & Expressways	34284	1371	1.008	36640	1466	E	< C	4180	5410	7380	5914
Miami Gardens Dr / NE 186 St / SR 860	NW 2 Ave to I-95	6LD	Minor Arterial / State	43283	1731	1.018	50088	2004	E	< C	2110	2570	3252	1248
	I-95 to NE 15 Ave	6LD	Minor Arterial / State	50921	2037	1.018	58927	2357	E	D	2110	2570	3252	895
	NE 15 Ave to NE 18 Ave	6LD	Minor Arterial / State	42703	1708	1.018	49254	1970	E	< C	2110	2570	3252	1282
	NE 18 Ave to Biscayne Blvd.	6LD	Minor Arterial / State	49393	1976	1.018	57159	2286	E	D	2110	2570	3252	966
NE 171 St	NE 15 Ave to Biscayne Blvd.	2LU	Collector	14659	586	1.017	16732	669	E	F	250	530	660	-9
NE 167 St / SR 826	I-95 to NE 10 Ave	6LD	Principal Arterial / State	62123	2485	1.010	67206	2688	E	E	1740	2450	3096	408
	NE 10 Ave to NE 15 Ave	2LU	Collector	13942	558	1.014	15573	623	E	E	250	530	792	169

**North East Corridor
Traffic Flow Study**

2015 Conditions

Roadway	Limit	Facility Type	Functional Classification Jurisdiction	Existing AADT (vpd)	Existing Peak Hr (vph)	Growth Factor	Year 2015 Volumes		LOS Std	2015 LOS	Peak Hr Directional Level-Of-Service (vph)			Remaining Volume
							AADT (vpd)	Peak Hr (vph)			C	D	E	
NE 163 St / Sunny Isles Blvd. / Ocean Beach Blvd. / SR 826	NE 10 Ave to Biscayne Blvd.	6LD	Principal Arterial / State	51703	2068	1.014	57686	2307	E	D	2110	2570	3252	945
	Biscayne Blvd. to NE 35 Ave.	8LD	Principal Arterial / State	67416	2697	1.014	75218	3009	E	D	2790	3330	4200	1191
	NE 35 Ave. to Ocean Blvd./Collins Ave.	8LD	Principal Arterial / State	42072	1683	1.014	46941	1878	E	< C	2790	3330	4200	2322
NE 159 St	NE 6 Ave to NE 10 Ave	2LU	Collector	18409	736	1.027	22782	911	E	F	250	530	660	-251
	NE 10 Ave to W. Dixie HWY	2LU	Collector	13978	559	1.027	17298	692	E	F	250	530	660	-32
NE 151 St	NE 10 Ave to Biscayne Blvd.	2LU	Collector	17255	690	1.027	21371	855	E	F	250	530	660	-195
	Biscayne Blvd. to Bay Vista Blvd.	2LU	Collector	10852	434	1.027	13430	537	E	E	250	530	660	123
Opa Locka Blvd. / NE 135 St / SR 916	NW 17 Ave to NW 7 Ave	6LD	Minor Arterial / State	31232	1249	1.024	37757	1510	E	< C	2110	2570	2710	1200
	NW 7 Ave to W. Dixie HWY	4LD	Minor Arterial / State	29184	1167	1.024	35281	1411	E	D	1360	1710	1800	389
	W. Dixie HWY to Biscayne Blvd.	4LD	Minor Arterial / State	27136	1085	1.024	32805	1312	E	< C	1360	1710	1800	488
	Biscayne Blvd. to Bay Vista Blvd.	2LD	Minor Arterial / State	4209	168	1.024	5094	204	E	< C	590	810	850	646
NW 127 St	NW 22 Ave to NW 7 Ave	2LU	Collector	11014	441	1.007	11684	467	E	D	250	530	660	193
NE 125 St / NE 123 St / Broad CSWY / SR 922	NW 7 Ave to W. Dixie HWY	4LD	Minor Arterial / State	36155	1446	1.004	37423	1497	E	D	1360	1710	2160	663
	W. Dixie HWY to Biscayne Blvd.	4LD	Minor Arterial / State	35999	1440	1.004	37261	1490	E	D	1360	1710	2160	670
	Biscayne Blvd. to Collins Ave.	4LD	Minor Arterial / State	24104	964	1.004	24948	998	E	< C	1360	1710	2160	1162
NW 119 St / SR 924	NW 22 Ave to NW 7 Ave	6LD	Principal Arterial / State	43232	1729	1.005	45134	1805	E	< C	2110	2570	2710	905
	NW 7 Ave to NE 2 Ave	4LD	Principal Arterial / State	20208	808	1.005	21098	844	E	< C	1360	1710	1800	956

**North East Corridor
Traffic Flow Study**

2030 Conditions

Roadway	Limit	Facility Type	Functional Classification Justification	2015 AADT (vpd)	2015 Peak Hr (vph)	Growth Factor	Year 2030 Volumes		LOS Std	2030 LOS	Peak Hr Directional Level-Of-Serivce (vph)			Remaining Volume
							AADT (vpd)	Peak Hr (vph)			C	D	E	
Ocean Blvd. / Collins Ave. / A1A	Miami Dade/ Broward Line to William CSWY	4LD	Principal Arterial / State	28899	1156	1.009	33056	1322	E	< C	1360	1710	2160	838
	William CSWY to Sunny Isles Blvd	6LD	Principal Arterial / State	58365	2335	1.009	66760	2670	E	E	2110	2570	3252	582
	Sunny Isles Blvd to Broad CSWY/96 St	4LD	Principal Arterial / State	55883	2235	1.012	66832	2673	E	F	1360	1710	2160	-513
	Broad CSWY/96 St to 77 St	3L One Way	Principal Arterial / State	26720	1069	1.007	29667	1187	E	< C	2110	2570	3252	2065
Harding Ave / A1A	Broad CSWY/96 St to 77 St	3L One Way	Principal Arterial / State	27199	1088	1.009	31111	1244	E	< C	2110	2570	3252	2008
Biscayne Blvd. / US 1 / SR 5	NE 213 St to Ives Dairy Rd.	8LD	Principal Arterial / State	57798	2312	1.009	66112	2644	E	< C	2790	3330	4200	1556
	NE 203 St to William Lehman CSWY	8LD	Principal Arterial / State	80455	3218	1.009	92326	3693	E	E	2790	3330	4200	507
	William Lehman CSWY to Sunny Isles Blvd	8LD	Principal Arterial / State	73097	2924	1.009	83612	3344	E	E	2790	3330	4200	856
	Sunny Isles Blvd to NE 135 St	8LD	Principal Arterial / State	60743	2430	1.009	69481	2779	E	< C	2790	3330	4200	1421
	NE 135 St to NE 16 Ave	6LD	Principal Arterial / State	52415	2097	1.009	59954	2398	E	D	2110	2570	3252	854
	NE 16 Ave to NE 108 St	6LD	Principal Arterial / State	57798	2312	1.009	66112	2644	E	E	2110	2570	3252	608
West Dixie HWY / SR 909	County Line Rd. to Ives Dairy Rd.	2LU	Collector / State	22113	885	1.011	26056	1042	E	F	590	810	850	-192
	Ives Dairy Rd. to Miami Gardens Dr.	2LU	Minor Arterial / State	21930	877	1.007	24496	980	E	F	590	810	850	-130
	Miami Gardens Dr. to NE 171 St	2LU	Minor Arterial / State	21178	847	1.011	24910	996	E	F	590	810	850	-146
	NE 171 St to NE 163 St	2LU	Minor Arterial / State	28476	1139	1.014	34834	1393	E	F	590	810	850	-543
	NE 163 St to NE 151 St	6LD	Minor Arterial / State	22211	888	1.011	26171	1047	E	< C	2110	2570	2710	1663
	NE 151 St to NE 125 St	6LD	Minor Arterial / State	30064	1203	1.011	35425	1417	E	< C	2110	2570	2710	1293
Highland Lakes Blvd	County Line Rd. to Ives Dairy Rd.	2LU	Collector	12622	505	1.019	16779	671	E	F	250	530	660	-11
NE 18 Ave	NE 199 St to Miami Gardens Dr.	4LD	Collector	25884	1035	1.012	31021	1241	E	E	580	1140	1320	79
NE 19 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Collector	35651	1426	1.012	42851	1714	E	F	580	1140	1320	-394
NE 16 Ave	Sunny Isles Blvd. to West Dixie Hwy	2LU	Collector	10558	422	1.015	13221	529	E	D	480	760	810	281
	West Dixie HWY to Opa Locka Blvd	2LU	Collector	14061	562	1.011	16648	666	E	D	480	760	810	144
	Opa Locka Blvd to Biscayne Blvd	2LU	Collector	16397	656	1.016	20682	827	E	F	480	760	810	-17
NE 15 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Collector	18097	724	1.021	24562	982	E	F	250	530	660	-322
NE 14 Ave	Sunny Isles Blvd. to Opa Locka Blvd.	4LD	Local	22385	895	1.016	28403	1136	E	F	250	530	660	-476
NE 12 Ave	Sunny Isles Blvd. to West Dixie Hwy	2LD	Collector	13958	558	1.016	17822	713	E	F	250	530	660	-53
	West Dixie HWY to NE 125 St	2LU	Collector	11789	472	1.016	15053	602	E	E	250	530	660	58

**North East Corridor
Traffic Flow Study**

2030 Conditions

Roadway	Limit	Facility Type	Functional Classification Justification	2015 AADT (vpd)	2015 Peak Hr (vph)	Growth Factor	Year 2030 Volumes		LOS Std	2030 LOS	Peak Hr Directional Level-Of-Service (vph)			Remaining Volume
							AADT (vpd)	Peak Hr (vph)			C	D	E	
NE 10 Ave	Miami Gardens Dr. to Sunny Isles Blvd.	2LU	Collector	15987	639	1.015	20134	805	E	E	480	760	810	5
	Sunny Isles Blvd. to West Dixie Hwy	2LU	Collector	9506	380	1.020	12725	509	E	D	480	760	810	301
	West Dixie HWY to NE 125 St	2LU	Collector	11208	448	1.014	13725	549	E	D	480	760	810	261
NE 6 Ave / SR 915	Miami Gardens Dr. to Sunny Isles Blvd.	4LD	Minor Arterial / State	47316	1893	1.019	62750	2510	E	F	1360	1710	2160	-350
	Sunny Isles Blvd. to Opa Locka Blvd.	4LD	Minor Arterial / State	40746	1630	1.019	54038	2162	E	F	1360	1710	2160	-2
	Opa Locka Blvd. to NE 125 St	4LD	Minor Arterial / State	38824	1553	1.019	51489	2060	E	E	1360	1710	2160	100
	NE 125 St to Griffing Blvd.	4LD	Minor Arterial / State	41333	1653	1.011	48704	1948	E	E	1360	1710	2160	212
N. Miami Ave	Sunny Isles Blvd. to Memorial HWY.	2LU	Minor Arterial	12432	497	1.014	15419	617	E	D	480	760	810	193
	Memorial HWY. to Opa Locka Blvd.	2LU	Minor Arterial	13254	530	1.014	16438	658	E	D	480	760	810	152
	Opa Locka Blvd. to NE 125 St	2LU	Minor Arterial	7654	306	1.019	10216	409	E	< C	480	760	810	401
	NE 125 St to NW 119 St	2LU	Minor Arterial	10531	421	1.011	12368	495	E	D	480	760	810	315
NW 2 Ave / Griffing Blvd / Memorial HWY	Sunny Isles Blvd. to N. Miami Ave	4LD	Collector	17769	711	1.016	22488	900	E	< C	1120	1620	1720	820
	N. Miami Ave to NE 135 St	2LU	Collector	14053	562	1.016	17785	711	E	D	480	760	810	99
	NE 135 St to W. Dixie HWY	2LU	Collector	13091	524	1.005	14089	564	E	D	480	760	810	246
	W. Dixie HWY to NE 6 Ave.	2LU	Collector	11426	457	1.005	12297	492	E	D	480	760	810	318
NW 7 Ave / US 441 / SR 7	Golden Glades Int. to Opa Locka Blvd.	6LD	Minor Arterial	34302	1372	1.012	41023	1641	E	< C	2110	2570	3252	1611
	Opa Locka Blvd. to NW 119 St	6LD	Minor Arterial	42860	1714	1.015	53585	2143	E	D	2110	2570	3252	1109
	NW 119 St to NE 103 St	6LD	Minor Arterial	41856	1674	1.015	52329	2093	E	< C	2110	2570	3252	1159
NW 17 Ave	Opa Locka Blvd. to NW 119 St	2LU	Collector	16437	657	1.012	19732	789	E	F	250	530	660	-129
	NW 119 St to NW 111 St	4LD	Collector	28895	1156	1.015	35948	1438	E	F	580	1140	1320	-118
Ives Dairy Rd. / NE 203 St	I-95 to Highland Lakes Blvd.	6LD	Minor Arterial	91533	3661	1.011	107320	4293	E	F	1740	2450	2580	-1713
	Highland Lakes Blvd. to Biscayne Blvd.	6LD	Minor Arterial	65107	2604	1.011	76717	3069	E	F	1740	2450	2580	-489
NE 213 St	Biscayne Blvd. to NE 34 Ave	4LD	Local	16220	649	1.016	20581	823	E	D	580	1140	1320	497
Waterway Blvd.	Biscayne Blvd. to NE 34 Ave	4LD	Collector	10410	416	1.015	13015	521	E	< C	580	1140	1320	799
Aventura Blvd.	Biscayne Blvd. to W Country Club Dr.	4LD	Collector	13323	533	1.015	16657	666	E	D	580	1140	1320	654
William Lehman CSWY / SR 856 / NE 192 St	Biscayne Blvd. to Ocean Blvd.	6LD	Urban Principal Arterial Freeways & Expressways	36640	1466	1.026	53818	2153	E	< C	4180	5410	7380	5227
Miami Gardens Dr / NE 186 St / SR 860	NW 2 Ave to I-95	6LD	Minor Arterial / State	50088	2004	1.015	62744	2510	E	D	2110	2570	3252	742
	I-95 to NE 15 Ave	6LD	Minor Arterial / State	58927	2357	1.015	73817	2953	E	E	2110	2570	3252	299
	NE 15 Ave to NE 18 Ave	6LD	Minor Arterial / State	49254	1970	1.015	61700	2468	E	D	2110	2570	3252	784
	NE 18 Ave to Biscayne Blvd.	6LD	Minor Arterial / State	57159	2286	1.015	71602	2864	E	E	2110	2570	3252	388
NE 171 St	NE 15 Ave to Biscayne Blvd.	2LU	Collector	16732	669	1.011	19758	790	E	F	250	530	660	-130
NE 167 St / SR 826	I-95 to NE 10 Ave	6LD	Principal Arterial / State	67206	2688	1.013	81313	3253	E	F	1740	2450	3096	-157
	NE 10 Ave to NE 15 Ave	2LU	Collector	15573	623	1.024	22261	890	E	F	250	530	792	-98

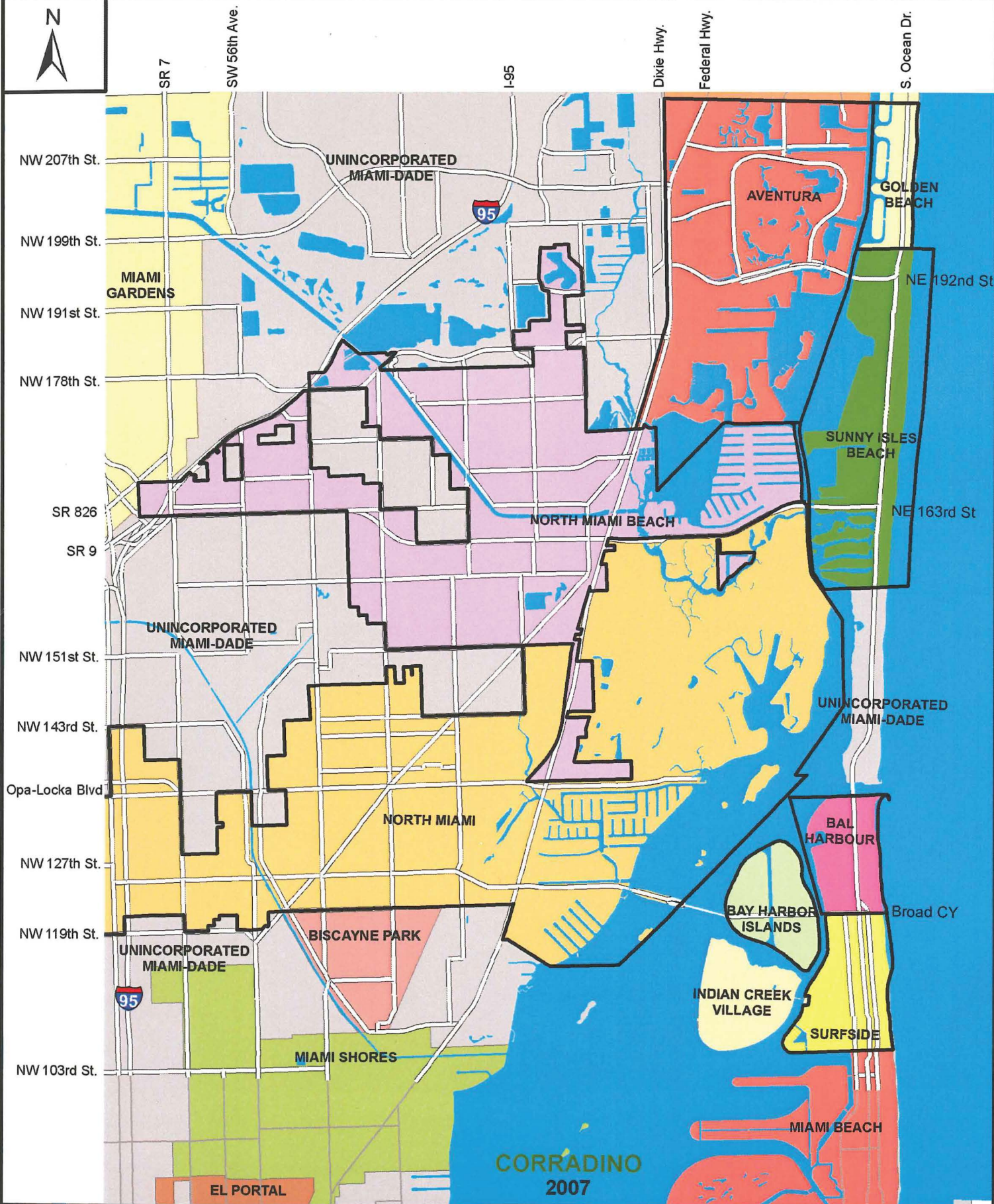
**North East Corridor
Traffic Flow Study**

2030 Conditions

Roadway	Limit	Facility Type	Functional Classification	2015 AADT (vpd)	2015 Peak Hr (vph)	Growth Factor	Year 2030 Volumes		LOS Std	2030 LOS	Peak Hr Directional Level-Of-Service (vph)			Remaining Volume
							AADT (vpd)	Peak Hr (vph)			C	D	E	
NE 163 St / Sunny Isles Blvd. / Ocean Beach Blvd. / SR 826	NE 10 Ave to Biscayne Blvd.	6LD	Principal Arterial / State	57686	2307	1.013	70375	2815	E	E	2110	2570	3252	437
	Biscayne Blvd. to NE 35 Ave.	8LD	Principal Arterial / State	75218	3009	1.013	91763	3671	E	E	2790	3330	4200	529
	NE 35 Ave. to Ocean Blvd./Collins Ave.	8LD	Principal Arterial / State	46941	1878	1.013	57266	2291	E	< C	2790	3330	4200	1909
NE 159 St	NE 6 Ave to NE 10 Ave	2LU	Collector	22782	911	1.006	24920	997	E	F	250	530	660	-337
	NE 10 Ave to W. Dixie HWY	2LU	Collector	17298	692	1.006	18872	755	E	F	250	530	660	-95
NE 151 St	NE 10 Ave to Biscayne Blvd.	2LU	Collector	21371	855	1.008	24092	964	E	F	250	530	660	-304
	Biscayne Blvd. to Bay Vista Blvd.	2LU	Collector	13430	537	1.016	17129	685	E	F	250	530	660	-25
Opa Locka Blvd. / NE 135 St / SR 916	NW 17 Ave to NW 7 Ave	6LD	Minor Arterial / State	37757	1510	1.016	47908	1916	E	< C	2110	2570	2710	794
	NW 7 Ave to W. Dixie HWY	4LD	Minor Arterial / State	35281	1411	1.016	44766	1791	E	E	1360	1710	1800	9
	W. Dixie HWY to Biscayne Blvd.	4LD	Minor Arterial / State	32805	1312	1.016	41625	1665	E	D	1360	1710	1800	135
	Biscayne Blvd. to Bay Vista Blvd.	2LD	Minor Arterial / State	5094	204	1.016	6494	260	E	< C	590	810	850	590
NW 127 St	NW 22 Ave to NW 7 Ave	2LU	Collector	11684	467	1.011	13718	549	E	E	250	530	660	111
NE 125 St / NE 123 St / Broad CSWY / SR 922	NW 7 Ave to W. Dixie HWY	4LD	Minor Arterial / State	37423	1497	1.015	46517	1861	E	E	1360	1710	2160	299
	W. Dixie HWY to Biscayne Blvd.	4LD	Minor Arterial / State	37261	1490	1.015	46316	1853	E	E	1360	1710	2160	307
	Biscayne Blvd. to Collins Ave.	4LD	Minor Arterial / State	24948	998	1.015	31011	1240	E	< C	1360	1710	2160	920
NW 119 St / SR 924	NW 22 Ave to NW 7 Ave	6LD	Principal Arterial / State	45134	1805	1.014	55359	2214	E	D	2110	2570	2710	496
	NW 7 Ave to NE 2 Ave	4LD	Principal Arterial / State	21098	844	1.014	25877	1035	E	< C	1360	1710	1800	765

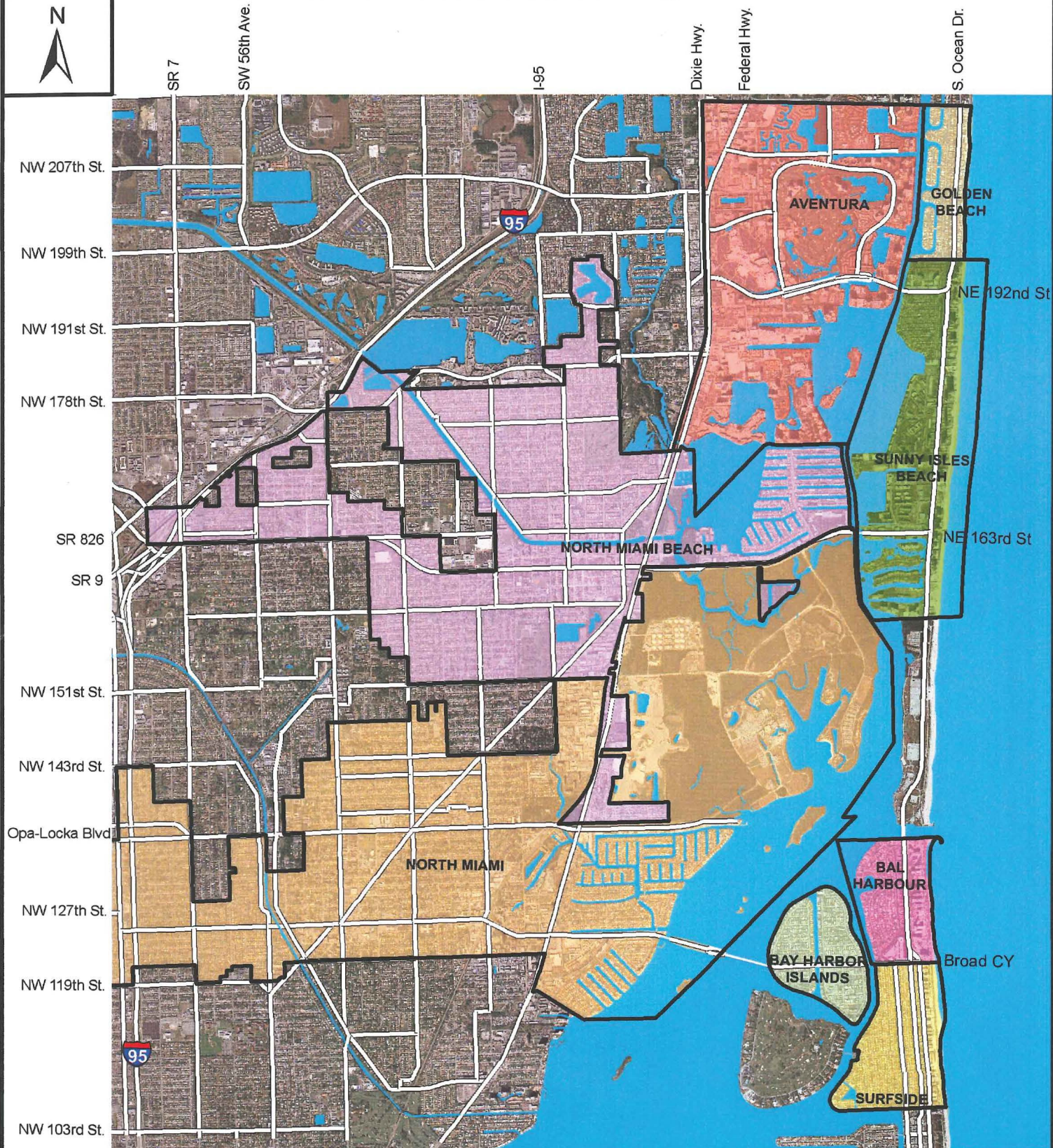
**Map
1**

**NorthEast Corridor Traffic Flow Study
BASE MAP**



Map 2

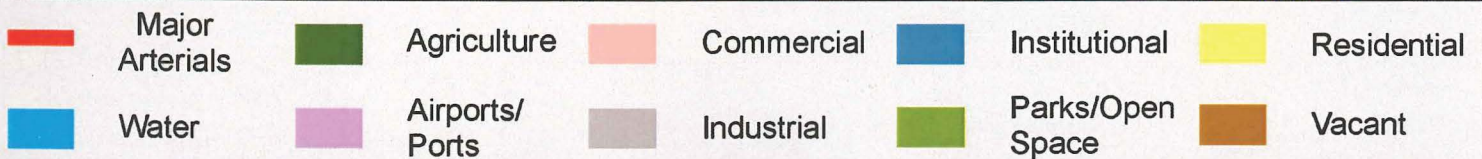
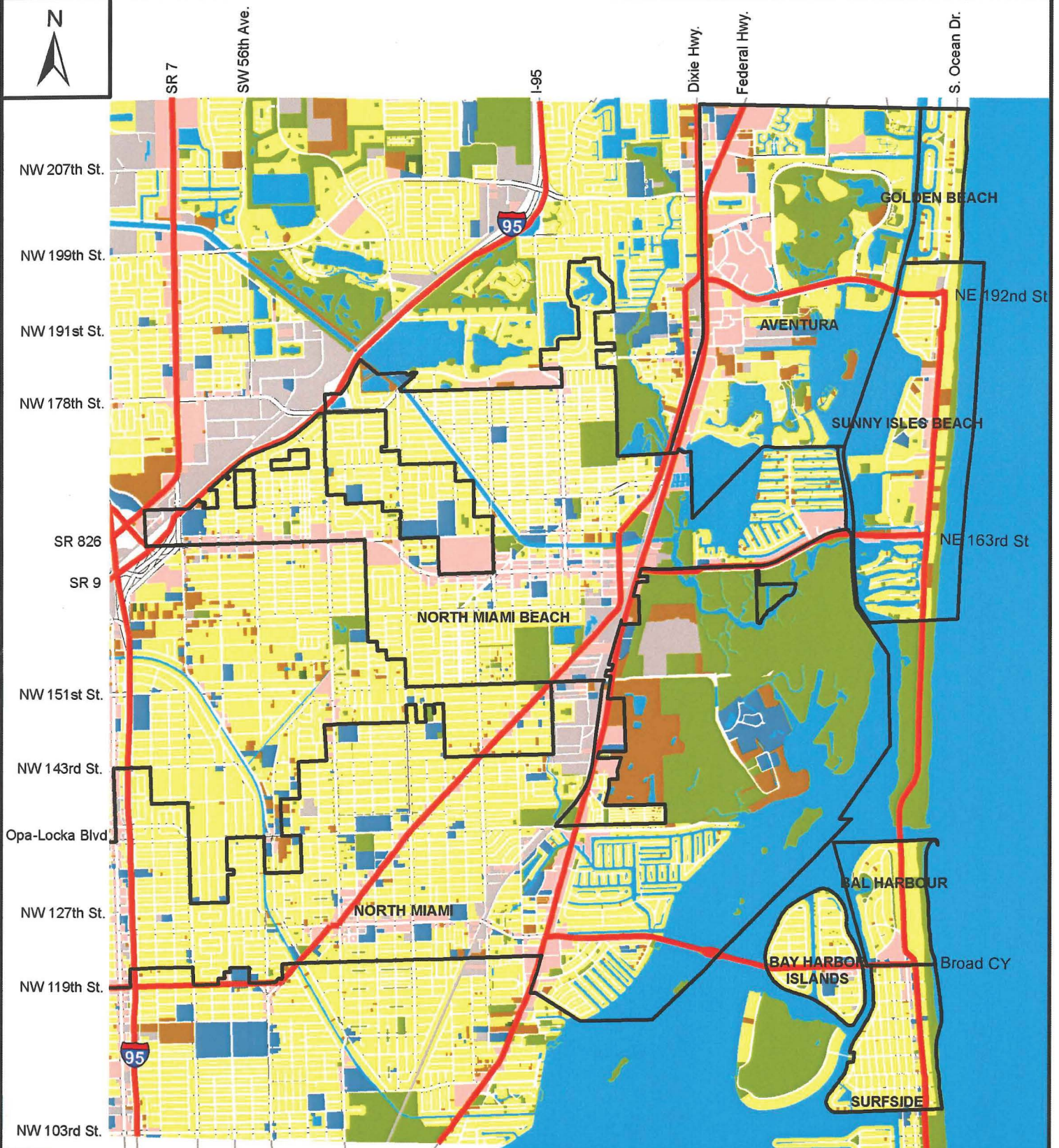
NorthEast Corridor Traffic Flow Study STUDY AREA BOUNDARY



	Aventura		Sunny Isles Beach		Golden Beach		Bal Harbour
	Surfside		North Miami Beach		Bay Harbor Islands		North Miami

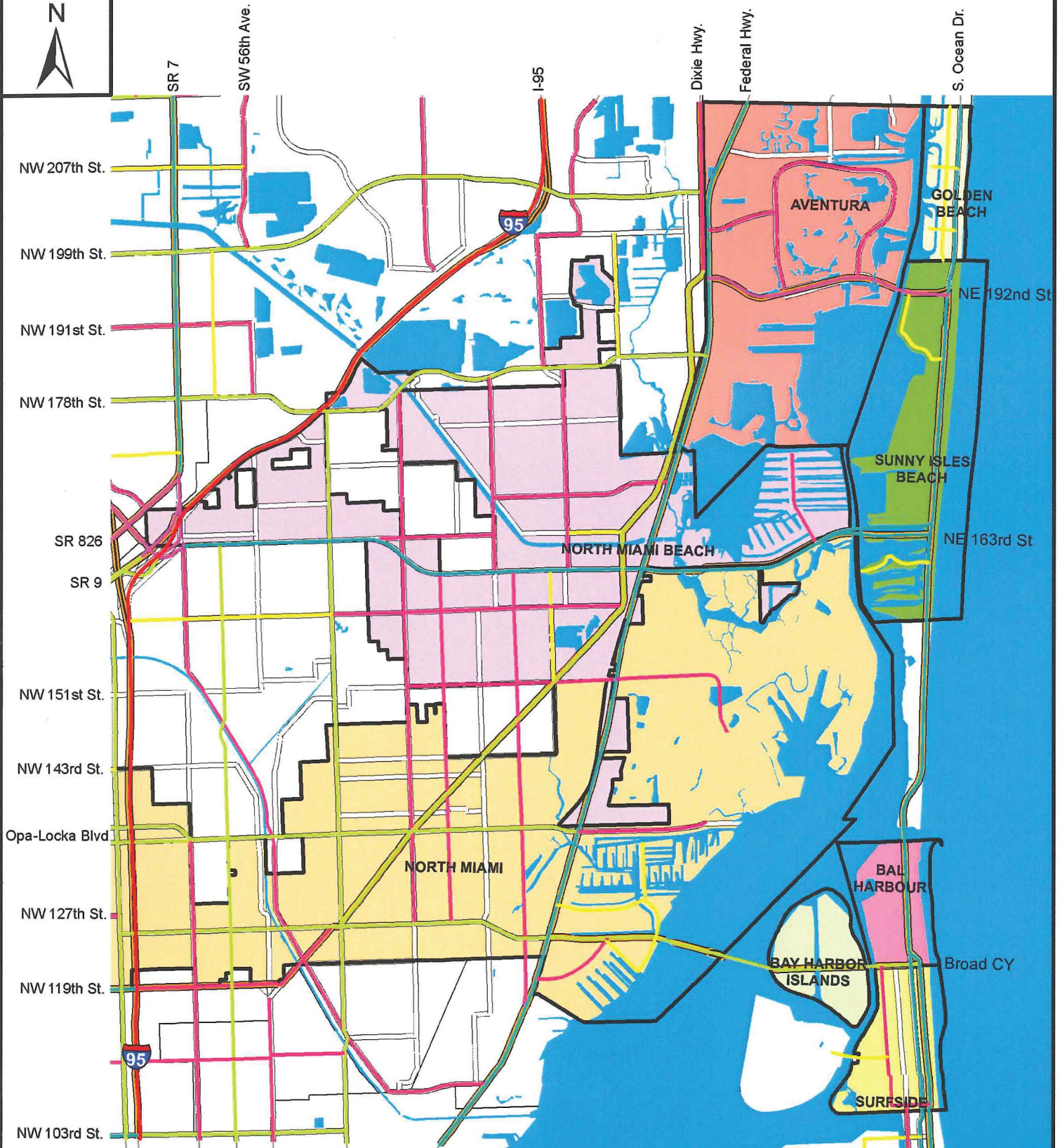
Map 3

NorthEast Corridor Traffic Flow Study LAND USE



Map 4

NorthEast Corridor Traffic Flow Study ROADWAY NETWORKS



	Aventura		Sunny Isles Beach
	Surfside		North Miami Beach
	Golden Beach		Bal Harbour
	Bay Harbor Islands		North Miami

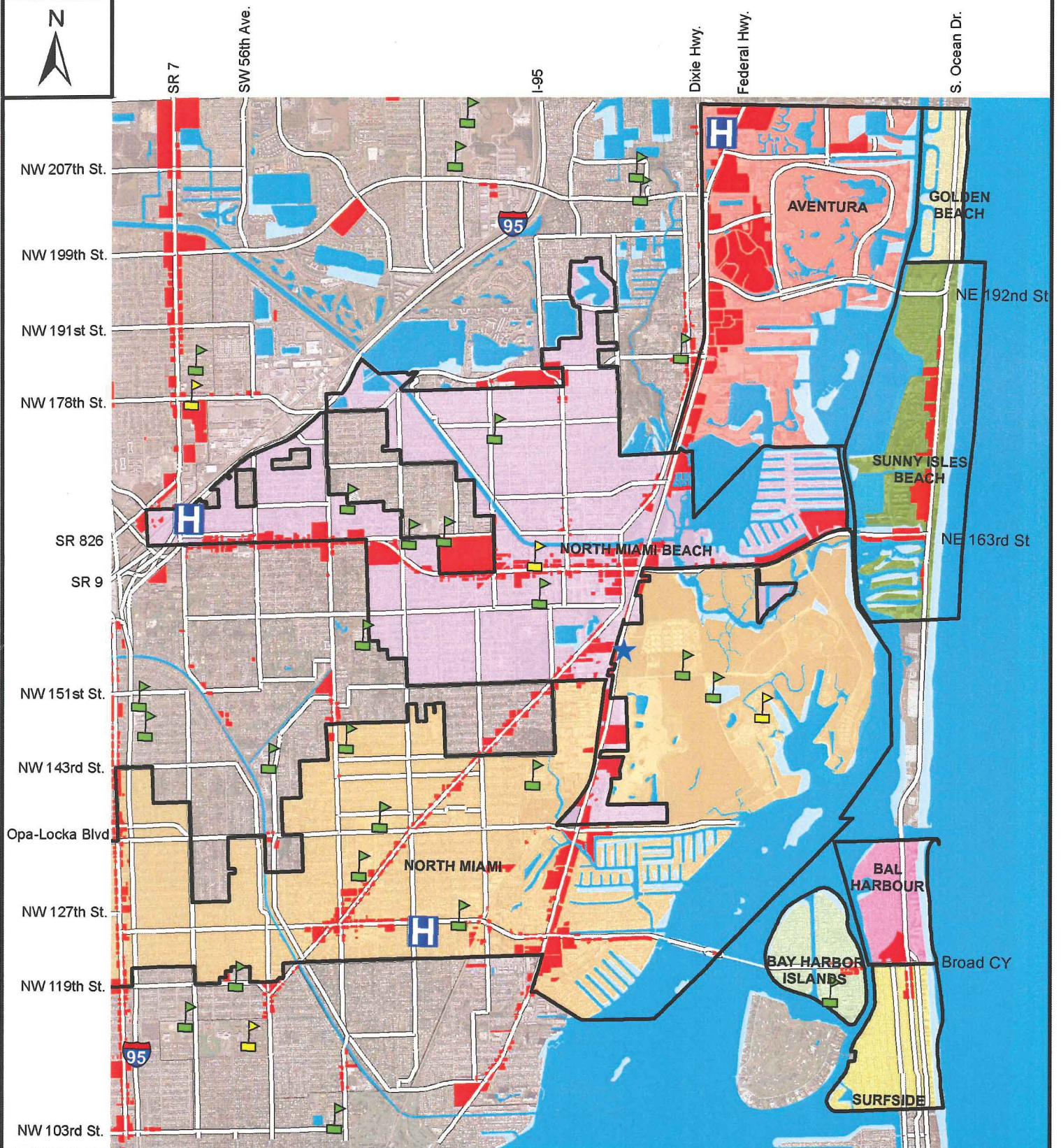
	Collector
	Local

Urban Roadways

	Minor Arterial		Freeway or Expressway
	Principal Arterial		Interstate

Map 5

NorthEast Corridor Traffic Flow Study TRAFFIC GENERATORS



Colleges



Courts



Hospitals



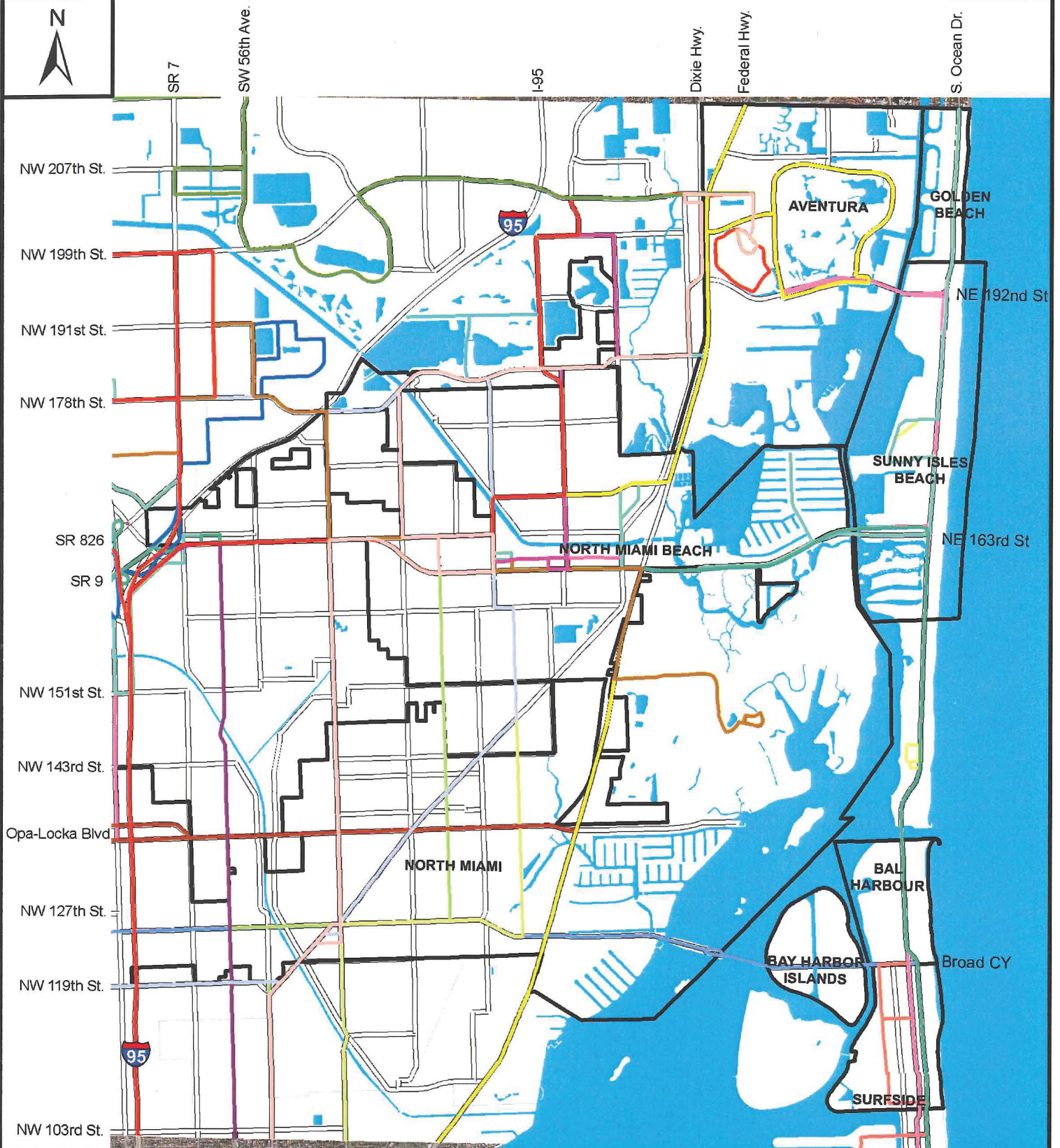
Schools



Shopping Centers

Map 6

NorthEast Corridor Traffic Flow Study TRANSIT ROUTES

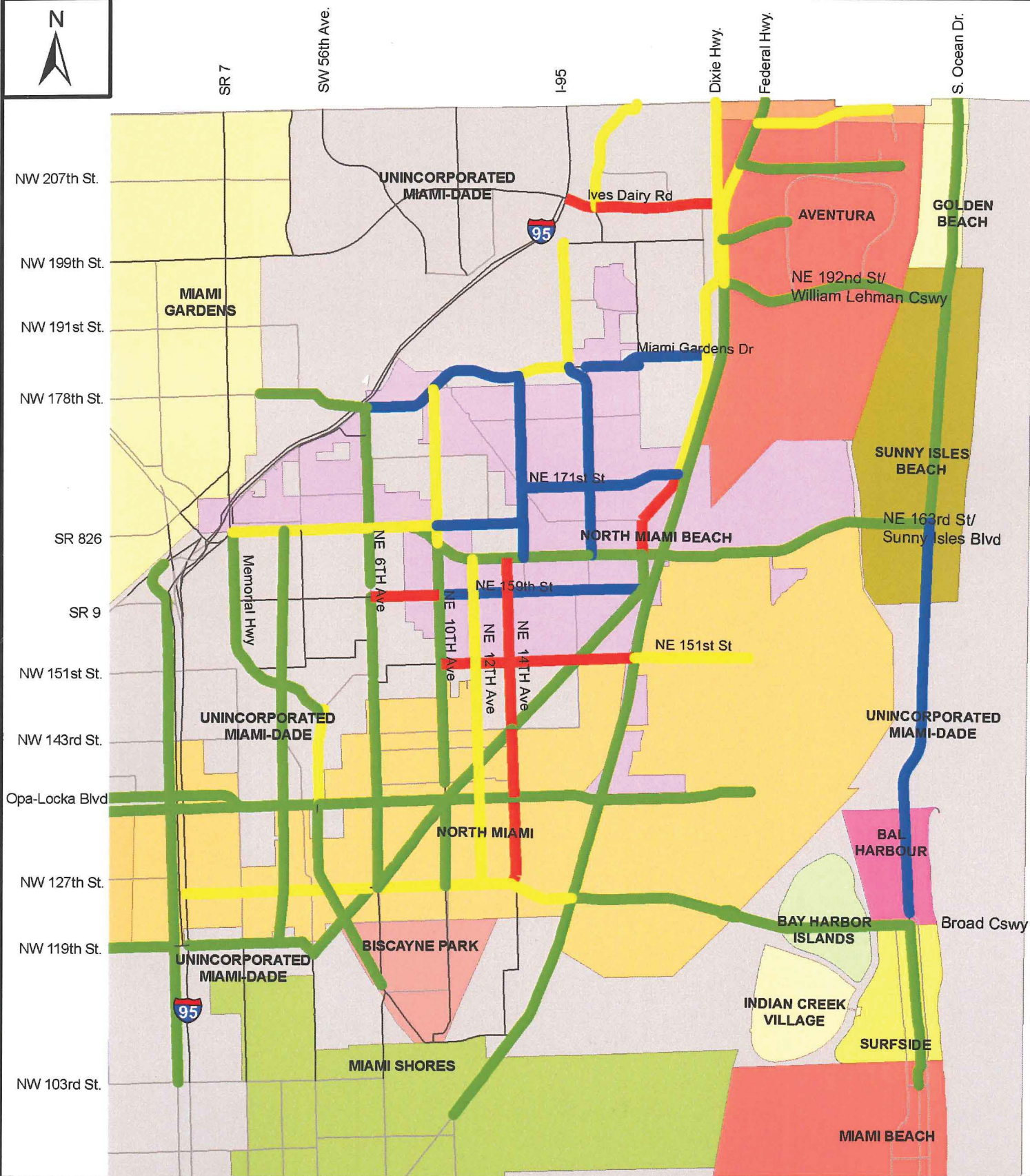


Bus Routes

105 e/w	111 n/s	16 n/s	28 e/w	83 e/w	10 n/s	122 e/w
107 n/s	118 n/s	22 n/s	2 n/s	91 e/w	9 n/s	75 n/s
108 n/s	119 n/s	241 e/w	3 n/s	95 n/s	246 w	

Map 7

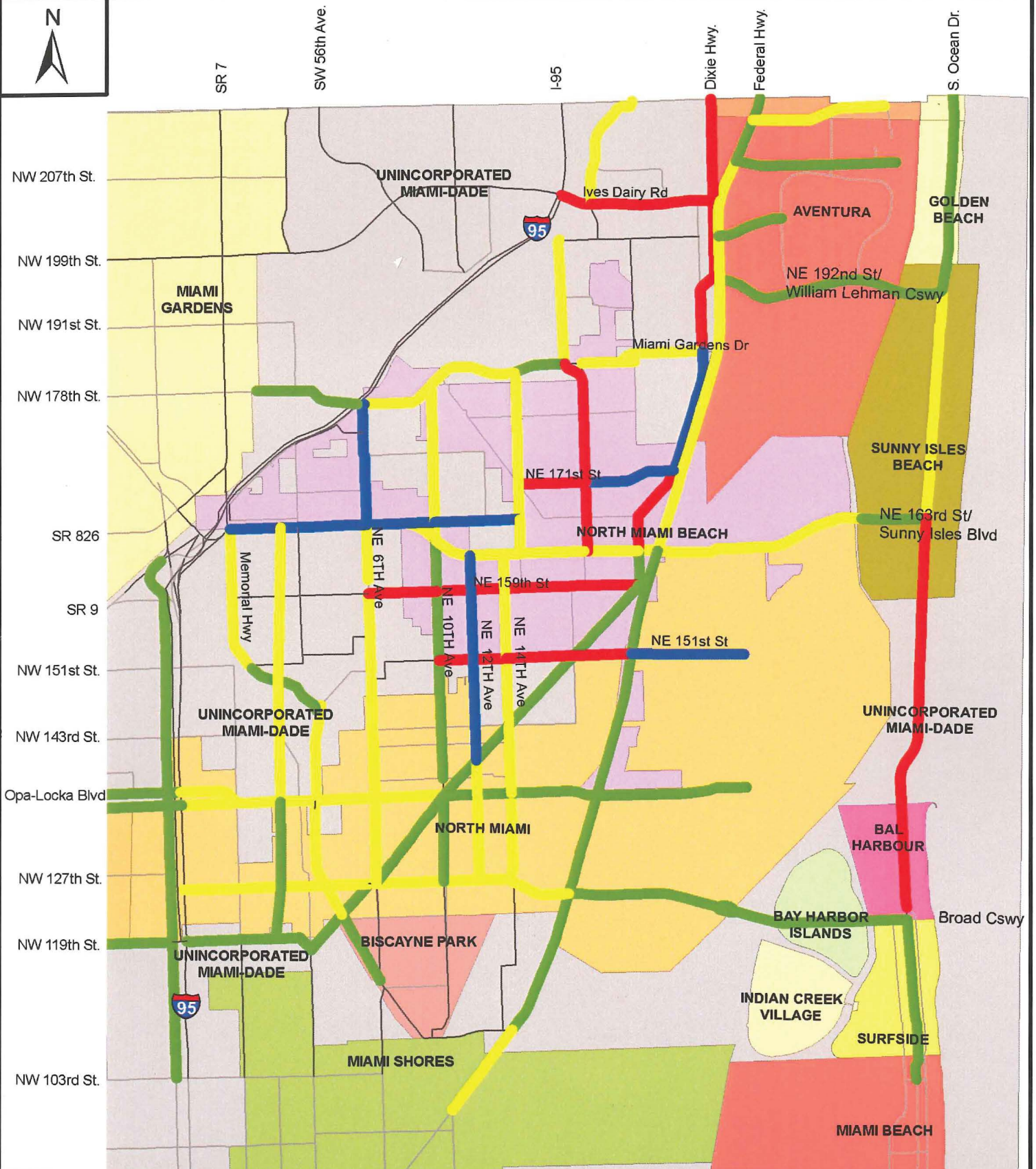
NorthEast Corridor Traffic Flow Study LEVEL OF SERVICE - 2007



LOS A-C LOS D LOS E LOS F

Map 8A

NorthEast Corridor Traffic Flow Study LEVEL OF SERVICE - 2015



LOS A-C

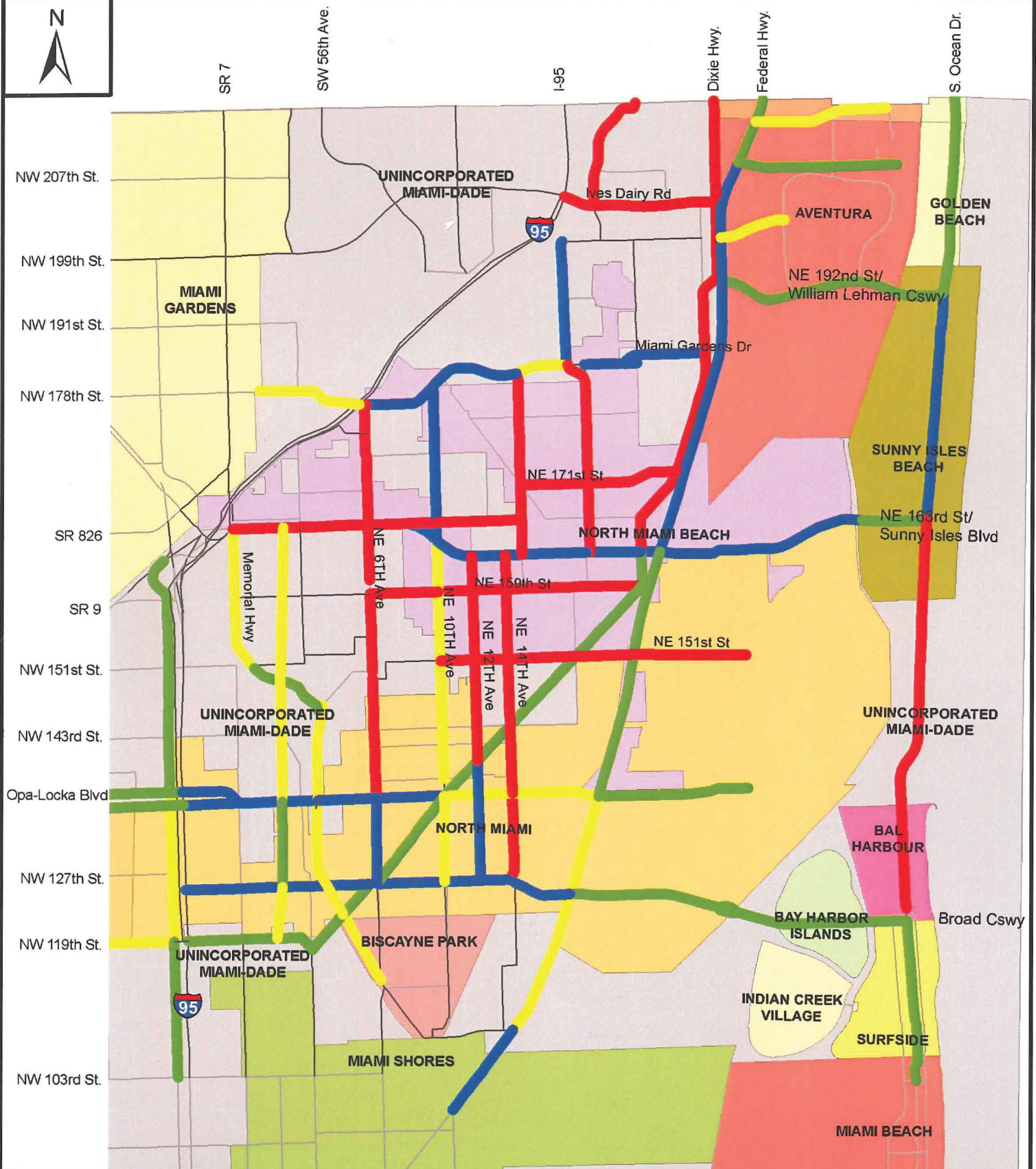
LOS D

LOS E

LOS F

Map 8B

NorthEast Corridor Traffic Flow Study LEVEL OF SERVICE - 2030



LOS A-C

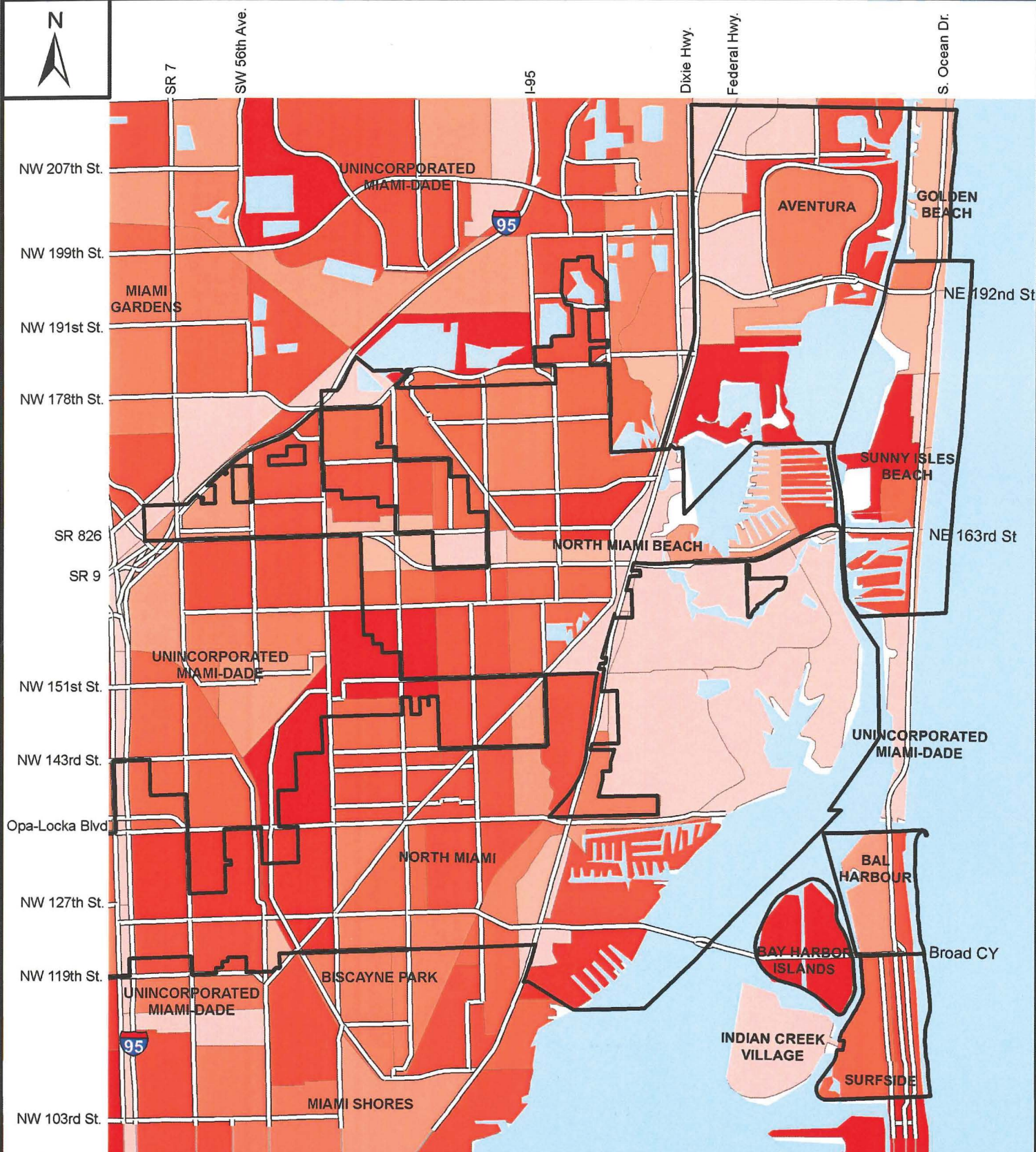
LOS D

LOS E

LOS F

Map 9

NorthEast Corridor Traffic Flow Study POPULATION BY TAZ



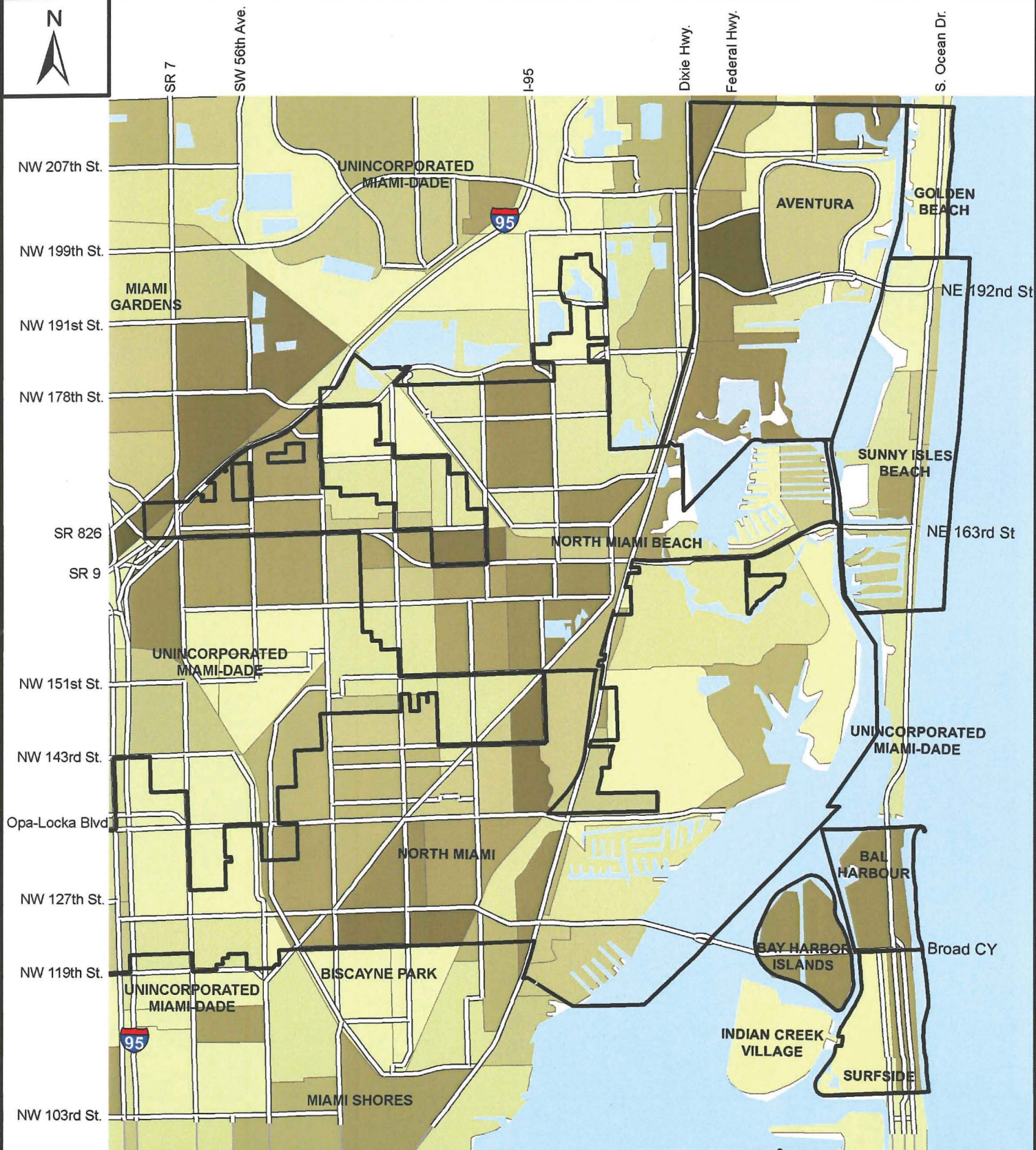
Population by TAZ

0 - 323	860 - 1346	1833 - 2417	3056 - 4184
324 - 859	1347 - 1832	2418 - 3055	4185 - 7330

CORRADINO
2007

Map 10

NorthEast Corridor Traffic Flow Study EMPLOYMENT BY TAZ



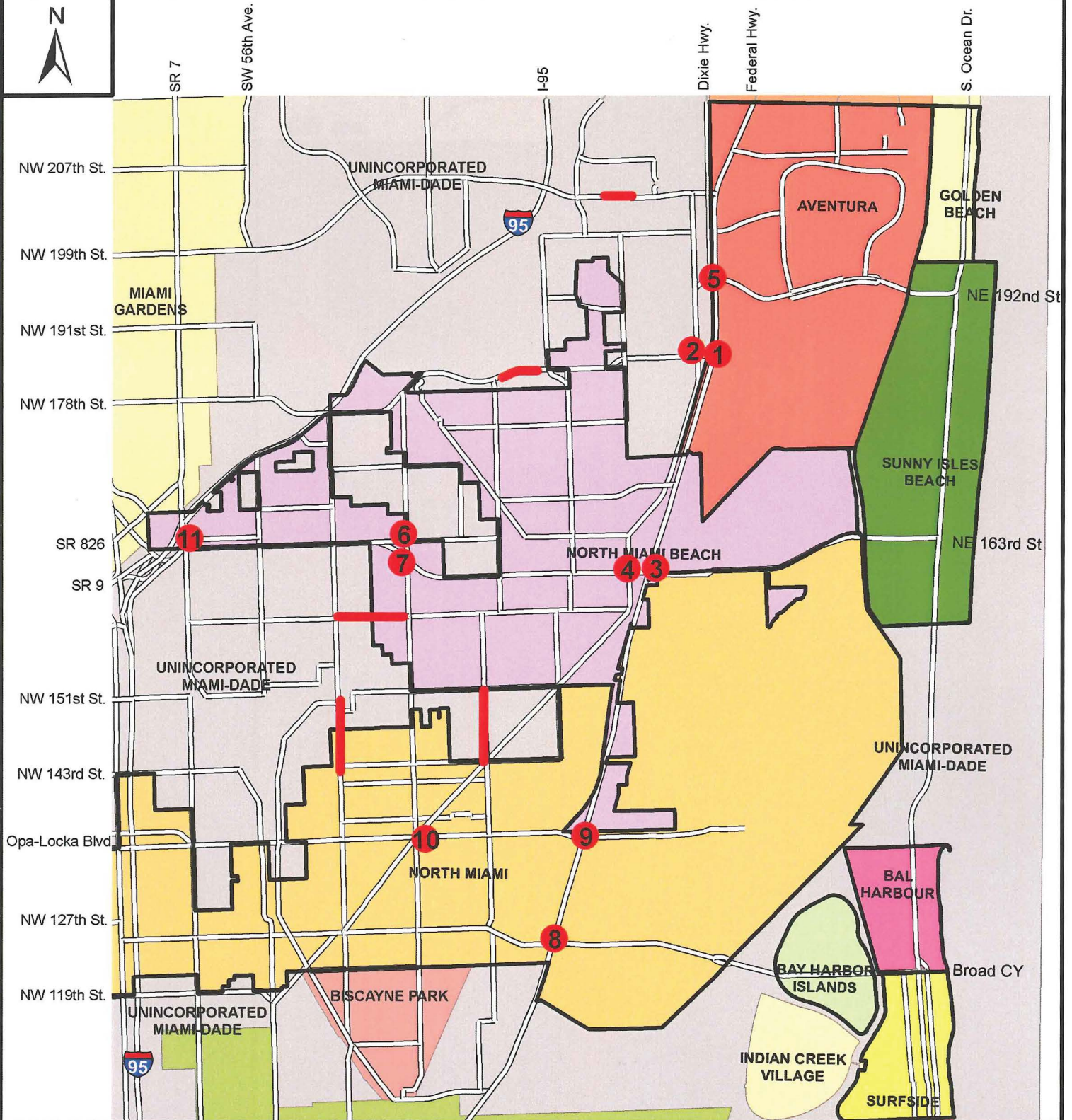
Employment by TAZ

0 - 157	361 - 610	911 - 1461	2140 - 3035
158 - 360	611 - 910	1462 - 2139	3036 - 6470

CORRADINO
2007

Map 11

NorthEast Corridor Traffic Flow Study TRAFFIC COUNT LOCATIONS



Cities

	Aventura		Bay Harbor Islands		North Miami		Sunny Isles Beach
	Bal Harbour		Golden Beach		North Miami Beach		Surfside

Map
12

NorthEast Corridor Traffic Flow Study URBAN INFILL AREA



Okeechobee Rd

Florida Trpk

Federal Hwy.

S. Ocean Dr.

I-95

Krome Ave

Tamiami Trail

 Study Area Boundary

 Urban Infill Area

CORRADINO
2007

