

Table of Contents

Executive Summary	ES-1
1.0 Introduction.....	1-1
1.1 The Purpose and Role of the Florida Rail System Plan: Overview	1-1
1.2 Elements of the 2010 Florida Rail System Plan	1-2
1.3 Florida Rail System Plan Investment Element Outline	1-4
2.0 Current Freight Rail System and Services in Florida.....	2-1
2.1 Overview	2-1
2.2 Railroad Profiles	2-2
2.3 Traffic Description	2-19
2.4 Safety Record	2-30
2.5 Positive Train Control Legislation.....	2-39
2.6 Abandonment History.....	2-45
3.0 Passenger Rail Services and Initiatives in Florida.....	3-1
3.1 Overview	3-1
3.2 Current Passenger Rail Systems.....	3-3
3.3 Proposed Passenger Rail Systems.....	3-21
3.4 Legislative Changes Affecting Passenger Railroads	3-44
3.5 Passenger Rail Policy Direction and Priorities for Florida	3-49
4.0 Rail Needs.....	4-1
4.1 Overview	4-1
4.2 Purpose	4-2
4.3 Methodology.....	4-2
4.4 Rail Needs Overview	4-4
4.5 Detailed Needs Table.....	4-17
5.0 Rail Needs Prioritization	5-1
5.1 Overview	5-1
5.2 Purpose	5-2
5.3 Methodology.....	5-2
5.4 Priority Rail Needs Overview	5-24
5.5 Detailed Prioritized Needs Table.....	5-30
6.0 Financing Florida’s Rail System.....	6-1
6.1 Overview	6-1
6.2 Federal Rail Programs	6-6
6.3 State Rail Programs.....	6-33
6.4 Florida New Starts Program.....	6-37

6.5 Other Funding Sources.....	6-38
6.6 Findings.....	6-40
Appendix A	A-1
A.1 Compliance with the Passenger Rail Investment and Improvement Act (PRIIA) of 2008	A-1
Appendix B.....	B-1
B.1 Approach to Calculating Florida Rail Plan Performance Measures	B-1
Appendix C	C-1
C.1 Glossary and Acronym Guide to Commonly Used Terms.....	C-1
Appendix D	D-1
D.1 The 2009 Florida Statutes	D-1

List of Tables

2.1 Freight Railroads Operating in Florida	2-2
2.2 Summary of Railroad Miles in Florida	2-4
2.3 Florida Railroad Safety Incidents	2-31
2.4 Florida Train Incidents by Cause	2-32
2.5 Florida Highway-Rail Incidents by Highway User Type	2-34
2.6 Florida Injuries and Fatalities by Incident Type	2-36
2.7 Railroad Abandonments since 2004	2-46
3.1 Summary of Florida Amtrak Passenger Rail Service	3-7
3.2 Top Amtrak Ridership States	3-9
3.3 Florida Amtrak Ridership by Station	3-9
3.4 Comparison of Modal Travel Time for Select Florida Cities	3-11
3.5 Tri-Rail Timeline of Major Events	3-12
3.6 Rail Line Characteristics for Selected Commuter Operations	3-15
3.7 Rail Performance Measures for Selected Commuter Operations	3-16
3.8 Amtrak Gulf Coast Service Options - Key Metrics	3-32
3.9 Amtrak ARRA Projects in Florida	3-46
4.1 Procedure for Completing the FDOT Rail Needs On-Line Survey	4-3
4.2 Procedure for Identifying Freight and Passenger Rail Needs	4-4
4.3 Railroad Needs by Category	4-5
4.4 Railroad Needs by Timeframe	4-6
4.5 Railroad Needs by Type of Service	4-6
4.6 Summary of Needs for New Freight and Passenger Rail Service	4-8
4.7 Summary of Needs by Railroad and Type	4-11

4.8	Summary of Needs by Port and Type	4-15
4.9	Summary of Needs by District and Type	4-19
4.10	Detailed Projects and Needs by Railroad	4-21
5.1	Procedure for Developing Rail Needs Prioritization Criteria.....	5-3
5.2	Proposed FDOT Rail Performance Measures by Goal.....	5-4
5.3	Detailed Project Prioritization Criteria.....	5-5
5.4	Criteria Used for Prioritizing FDOT Rail Needs Projects	5-22
5.5	Railroad Needs by Priority	5-24
5.6	Railroad Priorities by Type of Service.....	5-25
5.7	Summary of Priorities for New Freight and Passenger Rail Service	5-25
5.8	Railroad Priorities by Timeframe.....	5-26
5.9	Summary of Priorities by Project Type	5-27
5.10	Summary of Priorities by Railroad	5-28
5.11	Summary of Priorities by Port.....	5-29
5.12	Summary of Priorities by District	5-29
5.13	Project Timeframe and Priority Color Coding Scheme	5-31
5.14	Detailed Projects Needs by Priority.....	5-33
6.1	Overview of Federal Highway User Taxes.....	6-3
6.2	Summary of State Taxes	6-6
6.3	Federal Grant Sources.....	6-9
6.4	Federal Loans and Tax Credits.....	6-26
6.5	Florida Rail Work Program Funds (FY 2011-15).....	6-34
A.1	How and Where Minimum Requirements Are Addressed in the 2010 Florida Rail System Plan	A-1
B.1	Florida Rail System Plan Performance Measures	B-3

List of Figures

2.1	Florida Freight Rail Tonnage by Direction	2-20
2.2	Florida Rail Carload and Intermodal Movements by Direction.....	2-20
2.3	Florida Rail Traffic Origins by District.....	2-22
2.4	Florida Rail Traffic Origins by District.....	2-23
2.5	Florida Rail Traffic Terminations by District	2-24
2.6	Florida Rail Terminations by District	2-25
2.7	Florida Rail Originations by Commodity	2-26
2.8	Florida Rail Terminations by Commodity	2-27
2.9	Inbound Florida Rail Tonnage by Origin State	2-28
2.10	Outbound Florida Rail Tonnage by Termination State	2-29
2.11	Train Incidents and Damage Costs in Florida.....	2-33
2.12	Florida Fatalities and Injuries by Incident Type	2-37
2.13	National Incidents and Rate per Mile by Year	2-39
3.1	Amtrak Routes and Stations in Florida.....	3-8
3.2	Tri-Rail Commuter Rail System Map	3-13
3.3	Annual Tri-Rail Ridership.....	3-14
3.4	Metrorail System Map	3-18
3.5	Metromover System Map.....	3-19
3.6	TECO Line Streetcar System Map.....	3-20
3.7	JTA Skyway System Map	3-21
3.8	Florida High-Speed Rail Long-Term Vision Plan.....	3-23
3.9	Designated National High-Speed Rail Network	3-24

3.10 Tampa-Orlando-Miami High-Speed Rail Corridor.....	3-25
3.11 Planned Stations along Tampa-Orlando Corridor	3-26
3.12 Jacksonville Regional Transportation Center Site Plan	3-30
3.13 Miami Intermodal Center Overview	3-32
3.14 South Florida East Coast Corridor Study Area.....	3-34
3.15 SunRail (South Florida Commuter Rail)	3-38
3.16 Proposed Tampa Bay Long-Term Regional Network.....	3-40
3.17 Metrorail's Orange Line	3-42
3.18 Jacksonville Potential Commuter Rail Corridors	3-43