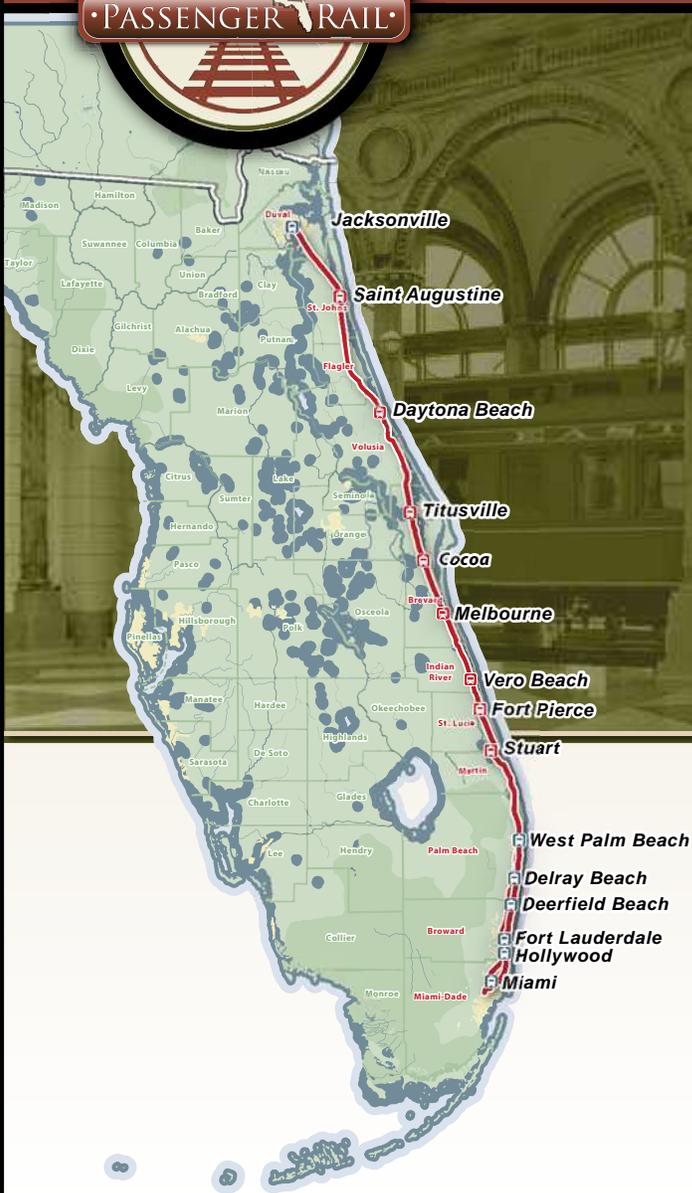


# APPENDIX C

## ADVANCE NOTIFICATION PACKAGE



AUGUST 2010





## Florida Department of Transportation

CHARLIE CRIST  
GOVERNOR

3400 West Commercial Boulevard  
Fort Lauderdale, FL 33309-3421

STEPHANIE C. KOPELOUSOS  
SECRETARY

March 10, 2010

Ms. Lauren P. Milligan  
Environmental Manager  
Florida State Clearinghouse  
Department of Environmental Protection  
3900 Commonwealth Blvd., Mail Station 47  
Tallahassee, Florida 32399-3000

Dear Ms. Milligan:

**SUBJECT: Advance Notification**  
**High Speed Intercity Passenger Rail - Florida East Coast Amtrak Service**  
**ETDM Project Number: (refer to Attachment A)**  
**Federal Aid Project Number: FR-HSR-09-003**  
**Financial Management Project Number: TBD**  
**Jacksonville (Duval County) to Miami (Miami-Dade County), Florida**

We are sending this Advance Notification (AN) Package to your office for distribution to State agencies that conduct Federal consistency reviews (consistency reviewers) in accordance with the Coastal Zone Management Act and Presidential Executive Order 12372. We are also distributing the AN Package to local and federal agencies. Although we will request specific comments during the permitting process, we are asking that permitting and permit reviewing agencies (consistency reviewers) review the attached information and provide us with their comments.

This is a Federal-aid action and the Florida Department of Transportation (FDOT) District IV, in consultation with the Federal Rail Administration, will determine what types of environmental documentation will be necessary for this project and its associated components (*please refer to Attachment A*). All project components will undergo a Programming Screen as part of the Efficient Transportation Decision Making (ETDM) Process and will be submitted by FDOT District IV through the Environmental Screening Tool in coordination with this AN Package.

The determinations will be based upon in-house environmental evaluations and comments from other agencies. Please provide a consistency review for this project, and its various components, in accordance with the State's Coastal Zone Management Program.

In addition, please review the consistency of each project component, to the maximum extent feasible, with the approved Comprehensive Plans of all applicable local governments to comply with Chapter 163 of the Florida Statutes.

Ms. Lauren Milligan  
Page 2  
March 10, 2010

Environmental Technical Advisory Team (ETAT) members should review all of the project components on the ETDM website. Non-ETAT agencies can review the project components through the public access website located at: <http://etdmpub.florida-etat.org/>.

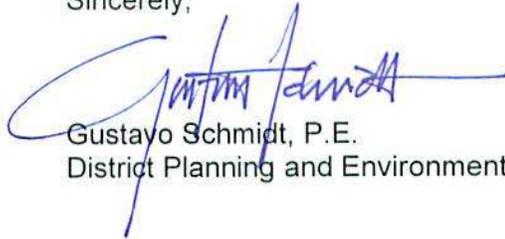
We are looking forward to receiving your comments on this project and its associated components. Consistency reviewers have 45 days from the Programming Screen Notification to provide their comments. Once you have received their comments, please supply a summary and consistency determination for your agency within 60 days of the Programming Screen Notification. If you need more review time, send a written request for an extension to our office within the initial 60-day comment period.

Your comments should be addressed to:

Mr. Gregor Senger  
Florida Department of Transportation, District IV  
3400 West Commercial Boulevard  
Fort Lauderdale, Florida 33309-3421

We appreciate your cooperation pertaining to this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Gustavo Schmidt', with a long horizontal flourish extending to the right.

Gustavo Schmidt, P.E.  
District Planning and Environmental Engineer

GS:gs

Attachments

# Attachment A

## Mainline

**Project Name** FEC Amtrak High Speed Rail: Mainline  
**ETDM Project #** 11860

| Alternative # | From   | To                                 | County       | District |
|---------------|--|------------------------------------|--------------|----------|
| 1             | Jacksonville - Prime F. Osborn III Convention Center | Duval/St. Johns County Line        | Duval        | 2        |
| 2             | Duval/St. Johns County Line                          | St. Johns/Flagler County Line      | St. Johns    | 2        |
| 3             | St. Johns/Flagler County Line                        | Flagler/Volusia County Line        | Flagler      | 5        |
| 4             | Flagler/Volusia County Line                          | Volusia/Brevard County Line        | Volusia      | 5        |
| 5             | Volusia/Brevard County Line                          | Brevard/Indian River County Line   | Brevard      | 5        |
| 6             | Brevard/Indian River County Line                     | Indian River/St. Lucie County Line | Indian River | 4        |
| 7             | Indian River/St. Lucie County Line                   | St. Lucie/Martin County Line       | St. Lucie    | 4        |
| 8             | St. Lucie/Martin County Line                         | Martin/Palm Beach County Line      | Martin       | 4        |
| 9             | Martin/Palm Beach County Line                        | Northwood Crossover                | Palm Beach   | 4        |

## Stations

**Project Name** FEC Amtrak High Speed Rail: St. Augustine Stations  
**ETDM Project #** 12836

| Alternative # | Name                                   | County    | District |
|---------------|--|-----------|----------|
| 1             | US 1 at San Marco Avenue               | St. Johns | 2        |
| 2             | US 1 at Carrera Street                 |           |          |
| 3             | St. Augustine/St. Johns County Airport |           |          |

**Project Name** FEC Amtrak High Speed Rail: Daytona Beach Stations  
**ETDM Project #** 12837

| Alternative # | Name                                      | County  | District |
|---------------|---|---------|----------|
| 1             | South of International Speedway Boulevard | Volusia | 5        |
| 2             | South of Orange Avenue                    |         |          |
| 3             | North of Orange Avenue                    |         |          |
| 4             | South of Live Oak Avenue                  |         |          |
| 5             | North of International Speedway Boulevard |         |          |

**Project Name** FEC Amtrak High Speed Rail: Titusville Stations  
**ETDM Project #** 12838

| Alternative # | Name                           | County  | District |
|---------------|--------------------------------|---------|----------|
| 1             | South of Julia Street          | Brevard | 5        |
| 2             | North of Pine Street           |         |          |
| 3             | Space Center Executive Airport |         |          |
| 4             | North of NASA Causeway         |         |          |

**Project Name** FEC Amtrak High Speed Rail: Cocoa Stations  
**ETDM Project #** 12839

| Alternative # | Name                             | County  | District |
|---------------|----------------------------------|---------|----------|
| 1             | South of Stone Street            | Brevard | 5        |
| 2             | South of Rosa L. Jones Boulevard |         |          |

**Project Name** FEC Amtrak High Speed Rail: Melbourne Stations  
**ETDM Project #** 12840

| Alternative # | Name                            | County  | District |
|---------------|---------------------------------|---------|----------|
| 1             | Melbourne International Airport | Brevard | 5        |
| 2             | Jernigan Avenue                 |         |          |
| 3             | North of SR 192                 |         |          |

**Project Name** FEC Amtrak High Speed Rail: Vero Beach Stations  
**ETDM Project #** 12841

| Alternative # | Name                 | County       | District |
|---------------|----------------------|--------------|----------|
| 1             | South of 19th Place  | Indian River | 4        |
| 2             | North of 21st Street |              |          |
| 3             | North of 23rd Street |              |          |

**Project Name** FEC Amtrak High Speed Rail: Fort Pierce Stations  
**ETDM Project #** 12842

| Alternative # | Name                      | County    | District |
|---------------|---------------------------|-----------|----------|
| 1             | Orange Avenue/East of FEC | St. Lucie | 4        |
| 2             | Orange Avenue/West of FEC |           |          |

**Project Name** FEC Amtrak High Speed Rail: Stuart Station  
**ETDM Project #** 12843

| Alternative # | Name               | County | District |
|---------------|--------------------|--------|----------|
| 1             | Kiwanis Park       | Martin | 4        |
| 2             | East Coast Lumber  |        |          |
| 3             | Stypmann Boulevard |        |          |

## Crossover

**Project Name** FEC Amtrak High Speed Rail: Northwood Crossover  
**ETDM Project #** 12796

| Alternative # | From                                    | To          | County     | District |
|---------------|---|-------------|------------|----------|
| 1             | CSX Railway/South Florida Rail Corridor | FEC Railway | Palm Beach | 4        |

**High-Speed Intercity Passenger Rail on Florida East Coast Amtrak Service  
Official Advance Notification Transmittal List**

| <b>ORGANIZATION</b>   | <b>NAME</b>  |
|---|--|
| Brevard County  | Denninghoff, John  |
| Brevard County  | Raymond, Harriet   |
| Broward MPO   | Al Aschkar, Ossama   |
| Broward MPO   | Sanders II, Buffy  |
| Broward MPO   | Stuart, Gregory  |
| Bureau of Indian Affairs  | *Office of Trust Responsibilities - Environmental Services Staff |
| East Central Florida Regional Planning Council                            | Laurien, Phil  |
| East Central Florida Regional Planning Council                            | Loewen, Kimberly   |
| Federal Aviation Administration, Orlando Airports District Office         | *Mr. Dean Stringer, Manager                                      |
| Federal Emergency Management Agency, Mitigation Division                  | *Mr. Brad Loar, Director   |
| Federal Highway Administration  | *Mr. Martin Knopp, Division Administrator                        |
| Federal Highway Administration  | Anderson, Linda  |
| Federal Highway Administration  | Hall, Greg L.  |
| Federal Highway Administration  | Kendall, Cathy   |
| Federal Railroad Administration - Region III                              | *Mr. L. Fred Dennin, Regional Administrator                      |
| Federal Railroad Administration, Office of Passenger and Freight Programs | *Mr. Paul Nissenbaum, Director                                   |
| Federal Transit Administration  | Immings, Myra  |
| Federal Transit Administration  | Lashore, Tajsha  |
| Federal Transit Administration  | Ramirez, Andres  |
| Flagler County  | Alkhatib, Faith  |
| Florida Department of Agriculture & Consumer Services                     | Hardin, Dennis   |
| Florida Department of Agriculture & Consumer Services                     | Morris, Vince  |
| Florida Department of Agriculture & Consumer Services                     | Pedersen, Charlie  |
| Florida Department of Community Affairs                                   | Donaldson, Gary  |
| Florida Department of Environmental Protection                            | Milligan, Lauren P.  |
| Florida Department of Environmental Protection                            | Stahl, Chris   |
| Florida Department of State   | Kammerer, Laura  |
| Florida Department of State   | McManus, Alyssa  |
| Florida Department of State   | Ross, Jennifer R.  |
| Florida Department of State   | Yates, Brian   |
| Florida Department of Transportation                                      | Jobe, James B.   |
| Florida Department of Transportation                                      | Bixby, Marjorie  |
| Florida Department of Transportation                                      | Broadwell, Ann   |
| Florida Department of Transportation                                      | Southall, Peter D.   |
| Florida Department of Transportation                                      | Walsh, Bill  |
| Florida Fish & Wildlife Service Conservation Commission                   | Poole, Mary Ann  |
| Florida Fish & Wildlife Service Conservation Commission                   | Sanders, Scott   |
| FLORIDA HOUSE, DISTRICT 100   | Representative Evan Jenne  |
| FLORIDA HOUSE, DISTRICT 105   | Representative Joseph A. Gibbons                                 |
| FLORIDA HOUSE, DISTRICT 106   | Representative Richard L. Steinberg                              |
| FLORIDA HOUSE, DISTRICT 108   | Representative Ronald A. Brise                                   |
| FLORIDA HOUSE, DISTRICT 15  | Representative Audrey Gibson                                     |
| FLORIDA HOUSE, DISTRICT 16  | Representative Charles McBurney                                  |
| FLORIDA HOUSE, DISTRICT 18  | Representative Ronald Renuart                                    |
| FLORIDA HOUSE, DISTRICT 19  | Representative Michael B. Weinstein                              |
| FLORIDA HOUSE, DISTRICT 20  | Representative William L. Proctor                                |
| FLORIDA HOUSE, DISTRICT 26  | Representative Pat Patterson                                     |
| FLORIDA HOUSE, DISTRICT 27  | Representative Dwayne L. Taylor                                  |
| FLORIDA HOUSE, DISTRICT 28  | Representative Dorothy L. Hukill                                 |
| FLORIDA HOUSE, DISTRICT 29  | Representative Ralph Poppell                                     |
| FLORIDA HOUSE, DISTRICT 30  | Representative Ritch Workman                                     |
| FLORIDA HOUSE, DISTRICT 31  | Representative John Tobia  |
| FLORIDA HOUSE, DISTRICT 32  | Representative Steve Crisafulli                                  |
| FLORIDA HOUSE, DISTRICT 80  | Representative Debbie Mayfield                                   |
| FLORIDA HOUSE, DISTRICT 81  | Representative Adam M. Fetterman                                 |
| FLORIDA HOUSE, DISTRICT 82  | Representative William D. Snyder                                 |
| FLORIDA HOUSE, DISTRICT 83  | Representative Carl J. Domino                                    |
| FLORIDA HOUSE, DISTRICT 84  | Representative Bernard McKerson                                  |
| FLORIDA HOUSE, DISTRICT 86  | Representative Maria Lorts Sachs                                 |
| FLORIDA HOUSE, DISTRICT 87  | Representative Adam Hasner                                       |
| FLORIDA HOUSE, DISTRICT 89  | Representative Mary Brandenburg                                  |
| FLORIDA HOUSE, DISTRICT 91  | Representative Ellyn Setnor Bogdanoff                            |
| FLORIDA HOUSE, DISTRICT 92  | Representative Gwyndolen Clarke-Reed                             |
| FLORIDA HOUSE, DISTRICT 93  | Representative Perry E. Thurston                                 |

**High-Speed Intercity Passenger Rail on Florida East Coast Amtrak Service  
Official Advance Notification Transmittal List**

|  |  |
|--|--|
| FLORIDA HOUSE, DISTRICT 99   | Representative Elaine J. Schwartz                      |
| Florida Inland Navigation District   | *Mr. David Roach                                       |
| FLORIDA SENATE, DISTRICT 1   | Senator Anthony C.Hill, Sr.                            |
| FLORIDA SENATE, DISTRICT 24  | Senator Thad Altman                                    |
| FLORIDA SENATE, DISTRICT 25  | Senator Jeff Atwater                                   |
| FLORIDA SENATE, DISTRICT 26  | Senator Mike Haridopolos                               |
| FLORIDA SENATE, DISTRICT 28  | Senator Joe Negron                                     |
| FLORIDA SENATE, DISTRICT 29  | Senator Christopher L. Smith                           |
| FLORIDA SENATE, DISTRICT 31  | Senator Eleanor Sobel                                  |
| FLORIDA SENATE, DISTRICT 33  | Senator Frederica S. Wilson                            |
| FLORIDA SENATE, DISTRICT 35  | Senator Dan Gelber                                     |
| FLORIDA SENATE, DISTRICT 5   | Senator Stephen R. Wise                                |
| FLORIDA SENATE, DISTRICT 7   | Senator Evelyn J. Lynn                                 |
| FLORIDA SENATE, DISTRICT 8   | Senator John Thrasher                                  |
| Indian River County MPO  | Keating, Bob   |
| Indian River County MPO  | Matson, Phil   |
| Martin MPO   | Lawrence, Boyd   |
| Martin MPO   | Perrotta, Ann  |
| Melbourne International Airport  | Cloutier, Richard H.                                   |
| Miami-Dade Urbanized Area MPO  | Mesa, Jose Luis  |
| Miccosukee Tribe of Indians of Florida   | *The Honorable Mr. Billy Cypress, Chairman             |
| Miccosukee Tribe of Indians of Florida   | Terry, Steve   |
| Mississippi Band of Choctaw Indians  | *The Honorable Mr. Beasley Denson, Chairman            |
| Muscogee (Creek) Nation  | *The Honorable Mr. A.D. Ellis, Principal Chief         |
| National Marine Fisheries Service  | Howard, Brandon  |
| National Marine Fisheries Service  | Rydene, David A.                                       |
| National Marine Fisheries Service  | Thompson, Mark   |
| National Oceanic and Atmospheric Administration Fisheries Service, Southeast Regional Office | *Dr. Roy Crabtree, Regional Administrator              |
| National Oceanic and Atmospheric Administration Fisheries Service, Southeast Regional Office | *Mr. Miles Croom, Assistant Regional Administrator     |
| National Park Service  | Barnett, Anita   |
| Natural Resources Conservation Service   | Robbins, Rick Allen                                    |
| North Florida Transportation Planning Organization   | Bunnewith, Denise                                      |
| North Florida Transportation Planning Organization   | Forrest, Wanda   |
| North Florida Transportation Planning Organization   | Larson, Marci  |
| Northeast Florida Regional Planning Council  | Lehman, Ed   |
| Northeast Florida Regional Planning Council  | Sayeed, Ameera   |
| Northeast Florida Regional Planning Council  | Teeple, Brian  |
| Palm Beach MPO   | Masterman, Patricia                                    |
| Palm Beach MPO   | Whitfield, Randy                                       |
| Poarch Band of Creek Indians   | *The Honorable Mr. Buford Rolin, Chairman              |
| Seminole Nation of Oklahoma  | * The Honorable Mr. Enoch Kelly Haney, Principal Chief |
| Seminole Tribe of Florida  | *The Honorable Mr. Mitchell Cypress, Chairman          |
| Seminole Tribe of Florida  | Steele, Willard  |
| South Florida Regional Planning Council  | Dekle, Carolyn   |
| South Florida Regional Planning Council  | Hamilton, Karen  |
| South Florida Water Management District  | Burkett, Annette                                       |
| South Florida Water Management District  | Carter, Hugo   |
| South Florida Water Management District  | Golden, Jim  |
| South Florida Water Management District  | Stone, Trisha  |
| Space Coast TPO  | Ditta, Susan   |
| Space Coast TPO  | Kamm, Bob  |
| St Johns River Water Management District   | Miller, Anthony  |
| St. Lucie TPO  | Buchwald, Peter  |
| St. Lucie TPO  | DeFini, Edward   |
| St. Lucie TPO  | Satterlee, Mark  |
| Treasure Coast Regional Planning Council   | Brunot, Marlene  |
| Treasure Coast Regional Planning Council   | Busha, Michael J.                                      |
| Treasure Coast Regional Planning Council   | DeLaney, Kim   |
| U.S. Army Corps of Engineers   | Lips, Garrett  |
| U.S. Army Corps of Engineers   | Turner, Randy  |
| U.S. Coast Guard   | Overton, Randy   |
| U.S. Coast Guard   | Rich, Brodie E.  |
| U.S. Coast Guard   | Smart, Evelyn  |
| U.S. Department of Agriculture   | Cleeland, Teri   |
| U.S. Department of Agriculture, Natural Resources Conservation Service                       | *Mr. Carlos Suarez, State Conservationist              |

**High-Speed Intercity Passenger Rail on Florida East Coast Amtrak Service  
Official Advance Notification Transmittal List**

|   |   |
|---|---|
| U.S. Department of Health and Human Services                                    | *National Center for Environmental Health, Centers for Disease Control and Prevention |
| U.S. Department of Housing and Urban Development                                | *Regional Environmental Officer   |
| U.S. Department of Interior - Bureau of Indian Affairs, Eastern Regional Office | *Mr. Franklin Keel, Regional Director   |
| U.S. Department of Interior - Bureau of Land Management, Eastern States Office  | *Mr. Bruce Dawson, Field Manager  |
| U.S. Environmental Protection Agency  | Budeir, Maher   |
| U.S. Environmental Protection Agency  | Dominy, Madolyn   |
| U.S. Fish & Wildlife Service  | Mecklenborg, Todd Samuel  |
| U.S. Fish & Wildlife Service  | Wrublik, John   |
| U.S. Forest Service   | Lint, Rick  |
| U.S. Forest Service   | O'Bryan, Katherine L.   |
| U.S. Geological Survey Eastern Region - Southeast Area                          | *Mr. Barry Rosen, FISC Director   |
| U.S. Geological Survey, Headquarters  | *Ms. Marcia K. McNutt, USGS Director  |
| U.S. House of Representatives, Florida's 15th Congressional District            | Congressman Bill Posey  |
| U.S. House of Representatives, Florida's 16th Congressional District            | Congressman Thomas J. Rooney  |
| U.S. House of Representatives, Florida's 17th Congressional District            | Congressman Kendrick B. Meek  |
| U.S. House of Representatives, Florida's 18th Congressional District            | Congresswoman Ileana Ros-Lehtinen   |
| U.S. House of Representatives, Florida's 19th Congressional District            | Clerk (Vacant)  |
| U.S. House of Representatives, Florida's 20th Congressional District            | Congresswoman Debbie Wasserman Schultz  |
| U.S. House of Representatives, Florida's 22nd Congressional District            | Congressman Ron Klein   |
| U.S. House of Representatives, Florida's 23rd Congressional District            | Congressman Alcee L. Hastings   |
| U.S. House of Representatives, Florida's 24th Congressional District            | Congresswoman Suzanne Kosmas  |
| U.S. House of Representatives, Florida's 4th Congressional District             | Congressman Ander Crenshaw  |
| U.S. House of Representatives, Florida's 7th Congressional District             | Congressman John Mica   |
| U.S. Senate   | Senator Bill Nelson   |
| U.S. Senate   | Senator George S. LeMieux   |
| Volusia County MPO  | Keeth, Bob  |
| Volusia County MPO  | Welzenbach, Karl  |

\*Hardcopy Recipient

**Application for Federal Assistance SF-424**

Version 02

|  |   |                                  |
|--|---|----------------------------------|
| <b>*1. Type of Submission:</b><br><input type="checkbox"/> Preapplication<br><input checked="" type="checkbox"/> Application<br><input type="checkbox"/> Changed/Corrected Application | <b>*2. Type of Application</b> * If Revision, select appropriate letter(s)<br><input checked="" type="checkbox"/> New<br><input type="checkbox"/> Continuation<br><input type="checkbox"/> Revision | <b>*Other (Specify)</b><br>_____ |
|--|---|----------------------------------|

|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>3. Date Received:</b> _____ | <b>4. Applicant Identifier:</b> _____ |
|--------------------------------|---------------------------------------|

|   |   |
|---|---|
| <b>5a. Federal Entity Identifier:</b> _____ | <b>*5b. Federal Award Identifier:</b> _____ |
|---|---|

**State Use Only:**

|   |   |
|---|---|
| <b>6. Date Received by State:</b> _____ | <b>7. State Application Identifier:</b> _____ |
|---|---|

**8. APPLICANT INFORMATION:**

|   |  |
|---|--|
| <b>*a. Legal Name:</b> Florida Department of Transportation                 |  |
| <b>*b. Employer/Taxpayer Identification Number (EIN/TIN):</b><br>56-6001874 | <b>*c. Organizational DUNS:</b><br>80-939-7102 |

**d. Address:**

|                           |                                   |
|---------------------------|-----------------------------------|
| <b>*Street 1:</b>         | <u>605 Suwannee Street, MS 25</u> |
| <b>Street 2:</b>          | _____                             |
| <b>*City:</b>             | <u>Tallahassee</u>                |
| <b>County:</b>            | <u>Leon</u>                       |
| <b>*State:</b>            | <u>Florida</u>                    |
| <b>Province:</b>          | _____                             |
| <b>*Country:</b>          | <u>USA</u>                        |
| <b>*Zip / Postal Code</b> | <u>32399-0450</u>                 |

**e. Organizational Unit:**

|   |   |
|---|---|
| <b>Department Name:</b><br>Florida Department of Transportation | <b>Division Name:</b><br>Central Office |
|---|---|

**f. Name and contact information of person to be contacted on matters involving this application:**

|                                |                                 |
|--------------------------------|---------------------------------|
| <b>Prefix:</b> <u>Mr.</u>      | <b>*First Name:</b> <u>Fred</u> |
| <b>Middle Name:</b> _____      |                                 |
| <b>*Last Name:</b> <u>Wise</u> |                                 |
| <b>Suffix:</b> _____           |                                 |

|   |
|---|
| <b>Title:</b> <u>State Rail Manager</u> |
|---|

|  |
|--|
| <b>Organizational Affiliation:</b><br>Florida Department of Transportation |
|--|

|  |                                 |
|--|---------------------------------|
| <b>*Telephone Number:</b> 850-414-4550 | <b>Fax Number:</b> 850-414-4508 |
|--|---------------------------------|

|   |
|---|
| <b>*Email:</b> <u>fred.wise@dot.state.fl.us</u> |
|---|

**Application for Federal Assistance SF-424**

Version 02

**\*9. Type of Applicant 1: Select Applicant Type:**

A.State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

\*Other (Specify)

**\*10 Name of Federal Agency:**

**Federal Railroad Administration**

**11. Catalog of Federal Domestic Assistance Number:**

20.317 and 20.319

CFDA Title:

Capital Assistance to States - Intercity Passenger Rail Service, High-Speed Rail Corridors and Intercity Passenger Rail Service - Capital Assistance Grants

**\*12 Funding Opportunity Number:**

FR-HSR-09-003

\*Title:

High-Speed Intercity Passenger Rail (HSIPR) Program: Track 2 - Programs

**13. Competition Identification Number:**

FR-HSR-09-003-010439

Title:

High-Speed Intercity Passenger Rail (HSIPR) Program: Track 2 - Programs

**14. Areas Affected by Project (Cities, Counties, States, etc.):**

**Duval, St. John's Flagler, Volusia, Brevard, Indian River, St. Lucie, Martin, Palm Beach, Broward, and Miami-Dade counties in the state of Florida**

**\*15. Descriptive Title of Applicant's Project:**

The Florida East Coast (FEC) Amtrak Service consist of restoring intercity passenger rail service along nearly 350 miles of Florida's east coast between Jacksonville and Miami via the existing FEC Railway. The FEC Amtrak Service Program would use a phased approach to developing intercity passenger rail and corridor service along the FEC. The first phase would provide the infrastructure, stations/facilities, and equipment to split existing Amtrak Silver Meteor and Silver Star service from Jacksonville to Miami by

October 2012. Ensuing phases would expand passenger rail corridor service between Jacksonville and Miami. Map attached.

OMB Number: 4040-0004

Expiration Date: 01/31/2009

**Application for Federal Assistance SF-424**

Version 02

**16. Congressional Districts Of:**

\*a. Applicant: FL-001; FL-002; FL-003; FL-004; FL-005; FL-006; FL-007; FL-008; FL-009; FL-010; FL-011; FL-012; FL-013; FL-014; FL-015; FL-016; FL-017; FL-018; FL-019; FL-020; FL-021; FL-022; FL-023; FL-024; FL-025

\*b. Program/Project: FL-004; FL-007; FL-015; FL-016; FL-017; FL-018; FL-019; FL-020; FL-022; FL-023; FL-024

**17. Proposed Project:**

\*a. Start Date: 01/2010

\*b. End Date: 10/2012

**18. Estimated Funding (\$):**

|                    |       |                 |
|--------------------|-------|-----------------|
| *a. Federal        | _____ | \$191.6 Million |
| *b. Applicant      | _____ |                 |
| *c. State          | _____ |                 |
| *d. Local          | _____ |                 |
| *e. Other          | _____ |                 |
| *f. Program Income | _____ |                 |
| *g. TOTAL          | _____ | \$191.6 Million |

**\*19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on \_\_\_\_\_
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E. O. 12372

**\*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

Yes       No

21. \*By signing this application, I certify (1) to the statements contained in the list of certifications\*\* and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances\*\* and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)

\*\* I AGREE

\*\* The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions

**Authorized Representative:**

Prefix: Mr.      \*First Name: Fred

Middle Name: \_\_\_\_\_

\*Last Name: Wise

Suffix: \_\_\_\_\_

\*Title: Florida Department of Transportation State Rail Manager

\*Telephone Number: 850-414-4550

Fax Number: 850-414-4508

\* Email: fred.wise@dot.state.fl.us

\*Signature of Authorized Representative:

\*Date Signed:

Authorized for Local Reproduction

Standard Form 424 (Revised 10/2005)

Prescribed by OMB Circular A-102

**Application for Federal Assistance SF-424**

Version 02

**\*Applicant Federal Debt Delinquency Explanation**

The following should contain an explanation if the Applicant organization is delinquent of any Federal Debt.

**INSTRUCTIONS FOR THE SF-424**

Public reporting burden for this collection of information is estimated to average 60 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0043), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

This is a standard form (including the continuation sheet) required for use as a cover sheet for submission of preapplications and applications and related information under discretionary programs. Some of the items are required and some are optional at the discretion of the applicant or the Federal agency (agency). Required items are identified with an asterisk on the form and are specified in the instructions below. In addition to the instructions provided below, applicants must consult agency instructions to determine specific requirements.

| Item | Entry:   | Item | Entry:   |
|------|--|------|--|
| 1.   | <b>Type of Submission:</b> (Required): Select one type of submission in accordance with agency instructions. <ul style="list-style-type: none"> <li>• Preapplication</li> <li>• Application</li> <li>• Changed/Corrected Application – If requested by the agency, check if this submission is to change or correct a previously submitted application. Unless requested by the agency, applicants may not use this to submit changes after the closing date.</li> </ul>   | 10.  | <b>Name Of Federal Agency:</b> (Required) Enter the name of the Federal agency from which assistance is being requested with this application.   |
| 2.   | <b>Type of Application:</b> (Required) Select one type of application in accordance with agency instructions. <ul style="list-style-type: none"> <li>• New – An application that is being submitted to an agency for the first time.</li> <li>• Continuation - An extension for an additional funding/budget period for a project with a projected completion date. This can include renewals.</li> <li>• Revision - Any change in the Federal Government's financial obligation or contingent liability from an existing obligation. If a revision, enter the appropriate letter(s). More than one may be selected. If "Other" is selected, please specify in text box provided. <ul style="list-style-type: none"> <li>A. Increase Award    B. Decrease Award</li> <li>C. Increase Duration    D. Decrease Duration</li> <li>E. Other (specify)</li> </ul> </li> </ul>   | 11.  | <b>Catalog Of Federal Domestic Assistance Number/Title:</b> Enter the Catalog of Federal Domestic Assistance number and title of the program under which assistance is requested, as found in the program announcement, if applicable.   |
|      |  | 12.  | <b>Funding Opportunity Number/Title:</b> (Required) Enter the Funding Opportunity Number and title of the opportunity under which assistance is requested, as found in the program announcement.   |
|      |  | 13.  | <b>Competition Identification Number/Title:</b> Enter the Competition Identification Number and title of the competition under which assistance is requested, if applicable.   |
|      |  | 14.  | <b>Areas Affected By Project:</b> List the areas or entities using the categories (e.g., cities, counties, states, etc.) specified in agency instructions. Use the continuation sheet to enter additional areas, if needed.  |
| 3.   | <b>Date Received:</b> Leave this field blank. This date will be assigned by the Federal agency.  | 15.  | <b>Descriptive Title of Applicant's Project:</b> (Required) Enter a brief descriptive title of the project. If appropriate, attach a map showing project location (e.g., construction or real property projects). For preapplications, attach a summary description of the project.  |
| 4.   | <b>Applicant Identifier:</b> Enter the entity identifier assigned by the Federal agency, if any, or applicant's control number, if applicable.   | 16.  | <b>Congressional Districts Of:</b> (Required) 16a. Enter the applicant's Congressional District, and 16b. Enter all District(s) affected by the program or project. Enter in the format: 2 characters State Abbreviation – 3 characters District Number, e.g., CA-005 for California 5 <sup>th</sup> district, CA-012 for California 12 <sup>th</sup> district, NC-103 for North Carolina's 103 <sup>rd</sup> district. <ul style="list-style-type: none"> <li>• If all congressional districts in a state are affected, enter "all" for the district number, e.g., MD-all for all congressional districts in Maryland.</li> <li>• If nationwide, i.e. all districts within all states are affected, enter US-all.</li> <li>• If the program/project is outside the US, enter 00-000.</li> </ul> |
| 5a.  | <b>Federal Entity Identifier:</b> Enter the number assigned to your organization by the Federal Agency, if any.  |      |  |
| 5b.  | <b>Federal Award Identifier:</b> For new applications leave blank. For a continuation or revision to an existing award, enter the previously assigned Federal award identifier number. If a changed/corrected application, enter the Federal Identifier in accordance with agency instructions.  |      |  |
| 6.   | <b>Date Received by State:</b> Leave this field blank. This date will be assigned by the State, if applicable.   |      |  |
| 7.   | <b>State Application Identifier:</b> Leave this field blank. This identifier will be assigned by the State, if applicable.   |      |  |
| 8.   | <b>Applicant Information:</b> Enter the following in accordance with agency instructions: <ul style="list-style-type: none"> <li>a. <b>Legal Name:</b> (Required): Enter the legal name of applicant that will undertake the assistance activity. This is the name that the organization has registered with the Central Contractor Registry. Information on registering with CCR may be obtained by visiting the Grants.gov website.</li> <li>b. <b>Employer/Taxpayer Number (EIN/TIN):</b> (Required): Enter the Employer or Taxpayer Identification Number (EIN or TIN) as assigned by the Internal Revenue Service. If your organization is not in the US, enter 44-4444444.</li> <li>c. <b>Organizational DUNS:</b> (Required) Enter the organization's DUNS or DUNS+4 number received from Dun and Bradstreet. Information on obtaining a DUNS number may be obtained by visiting the Grants.gov website.</li> <li>d. <b>Address:</b> Enter the complete address as follows: Street address (Line 1 required), City (Required), County, State (Required, if country is US), Province, Country (Required), Zip/Postal Code (Required, if country is US).</li> <li>e. <b>Organizational Unit:</b> Enter the name of the primary organizational unit (and department or division, if applicable) that will undertake the</li> </ul> | 17.  | <b>Proposed Project Start and End Dates:</b> (Required) Enter the proposed start date and end date of the project.   |
|      |  | 18.  | <b>Estimated Funding:</b> (Required) Enter the amount requested or to be contributed during the first funding/budget period by each contributor. Value of in-kind contributions should be included on appropriate lines, as applicable. If the action will result in a dollar change to an existing award, indicate only the amount of the change. For decreases, enclose the amounts in parentheses.  |
|      |  | 19.  | <b>Is Application Subject to Review by State Under Executive Order 12372 Process?</b> Applicants should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the  |

|  |   |  |  |   |
|--|---|--|--|---|
|  | <p>assistance activity, if applicable.</p> <p><b>f. Name and contact information of person to be contacted on matters involving this application:</b> Enter the name (First and last name required), organizational affiliation (if affiliated with an organization other than the applicant organization), telephone number (Required), fax number, and email address (Required) of the person to contact on matters related to this application.</p>  | <p>State intergovernmental review process. Select the appropriate box. If "a." is selected, enter the date the application was submitted to the State</p>  |  |   |
| 20.  |   | <p><b>Is the Applicant Delinquent on any Federal Debt?</b> (Required) Select the appropriate box. This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans and taxes.</p> <p>If yes, include an explanation on the continuation sheet.</p>   |  |   |
| 9.   | <p><b>Type of Applicant: (Required)</b><br/>Select up to three applicant type(s) in accordance with agency instructions.</p> <table border="0" data-bbox="198 436 867 993"> <tr> <td data-bbox="198 436 532 993"> <p>A. State Government</p> <p>B. County Government</p> <p>C. City or Township Government</p> <p>D. Special District Government</p> <p>E. Regional Organization</p> <p>F. U.S. Territory or Possession</p> <p>G. Independent School District</p> <p>H. Public/State Controlled Institution of Higher Education</p> <p>I. Indian/Native American Tribal Government (Federally Recognized)</p> <p>J. Indian/Native American Tribal Government (Other than Federally Recognized)</p> <p>K. Indian/Native American Tribally Designated Organization</p> <p>L. Public/Indian Housing Authority</p> </td> <td data-bbox="532 436 867 993"> <p>M. Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)</p> <p>N. Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)</p> <p>O. Private Institution of Higher Education</p> <p>P. Individual</p> <p>Q. For-Profit Organization (Other than Small Business)</p> <p>R. Small Business</p> <p>S. Hispanic-serving Institution</p> <p>T. Historically Black Colleges and Universities (HBCUs)</p> <p>U. Tribally Controlled Colleges and Universities (TCCUs)</p> <p>V. Alaska Native and Native Hawaiian Serving Institutions</p> <p>W. Non-domestic (non-US) Entity</p> <p>X. Other (specify)</p> </td> </tr> </table> | <p>A. State Government</p> <p>B. County Government</p> <p>C. City or Township Government</p> <p>D. Special District Government</p> <p>E. Regional Organization</p> <p>F. U.S. Territory or Possession</p> <p>G. Independent School District</p> <p>H. Public/State Controlled Institution of Higher Education</p> <p>I. Indian/Native American Tribal Government (Federally Recognized)</p> <p>J. Indian/Native American Tribal Government (Other than Federally Recognized)</p> <p>K. Indian/Native American Tribally Designated Organization</p> <p>L. Public/Indian Housing Authority</p> | <p>M. Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)</p> <p>N. Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)</p> <p>O. Private Institution of Higher Education</p> <p>P. Individual</p> <p>Q. For-Profit Organization (Other than Small Business)</p> <p>R. Small Business</p> <p>S. Hispanic-serving Institution</p> <p>T. Historically Black Colleges and Universities (HBCUs)</p> <p>U. Tribally Controlled Colleges and Universities (TCCUs)</p> <p>V. Alaska Native and Native Hawaiian Serving Institutions</p> <p>W. Non-domestic (non-US) Entity</p> <p>X. Other (specify)</p> | <p>21. <b>Authorized Representative: (Required)</b> To be signed and dated by the authorized representative of the applicant organization. Enter the name (First and last name required) title (Required), telephone number (Required), fax number, and email address (Required) of the person authorized to sign for the applicant.</p> <p>A copy of the governing body's authorization for you to sign this application as the official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application.)</p> |
| <p>A. State Government</p> <p>B. County Government</p> <p>C. City or Township Government</p> <p>D. Special District Government</p> <p>E. Regional Organization</p> <p>F. U.S. Territory or Possession</p> <p>G. Independent School District</p> <p>H. Public/State Controlled Institution of Higher Education</p> <p>I. Indian/Native American Tribal Government (Federally Recognized)</p> <p>J. Indian/Native American Tribal Government (Other than Federally Recognized)</p> <p>K. Indian/Native American Tribally Designated Organization</p> <p>L. Public/Indian Housing Authority</p> | <p>M. Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)</p> <p>N. Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)</p> <p>O. Private Institution of Higher Education</p> <p>P. Individual</p> <p>Q. For-Profit Organization (Other than Small Business)</p> <p>R. Small Business</p> <p>S. Hispanic-serving Institution</p> <p>T. Historically Black Colleges and Universities (HBCUs)</p> <p>U. Tribally Controlled Colleges and Universities (TCCUs)</p> <p>V. Alaska Native and Native Hawaiian Serving Institutions</p> <p>W. Non-domestic (non-US) Entity</p> <p>X. Other (specify)</p>  |  |  |   |

**Project Description/Purpose and Need**  
**High-Speed Intercity Passenger Rail on Florida East Coast Amtrak Service**  
**From Jacksonville (Duval County) to Miami (Miami-Dade County)**  
**ETDM Projects #11860 (Mainline), #12836-#12843 (Stations) & #12796 (Northwood Crossover)**  
**Programming Screens**  
**ETDM District Four**

**PROJECT DESCRIPTION**

The Florida East Coast (FEC) Amtrak Service High-Speed Intercity Passenger Rail project consists of restoring intercity passenger rail service along nearly 350 miles of Florida's east coast between Jacksonville and Miami via the existing FEC Railway and rebuilding the connector track (Northwood Crossover) to the existing South Florida Rail Corridor (SFRC). The northern terminus will be the existing Jacksonville Amtrak station, with an ultimate terminus at the future Jacksonville Regional Transportation Center (JRTC). The southern terminus will be at the Miami Central Station (MCS), which is part of the Miami Intermodal Center (MIC) project at Miami International Airport (MIA) currently under construction and scheduled for completion by 2012. The corridor traverses eleven counties along Florida's east coast: Duval, St. Johns, Flagler, Volusia, Brevard, Indian River, St. Lucie, Martin, Palm Beach, Broward and Miami-Dade. A figure is provided as Attachment 1 in the EST.

The proposed project was jointly developed by FDOT, Amtrak, the FEC Railway and the South Florida Regional Transit Authority (SFRTA) and was submitted as a Track 2 – Corridor Program under the Federal Railroad Administration's (FRA) High-Speed Intercity Passenger Rail (HSIPR) Program in October 2009 for consideration of future federal funding. The total amount applied for through the HSIPR Program was \$268 million (Capital Costs).

As a corridor development program, a phased approach will be implemented to develop the proposed service; the service will initially consist of two southbound and two northbound trains per day, with a total trip time between Jacksonville and Miami at less than seven hours, inclusive of the eight new station stops. The first phase of the plan will provide the infrastructure, stations/facilities and equipment (fleet) to extend Amtrak service south on the FEC Railway from Jacksonville to Miami International Airport by October 2012. The second phase will introduce higher speed corridor service between Jacksonville and Miami and include the extension of the northern terminus into the proposed JRTC. The third phase will expand the corridor service to include Jacksonville-Cocoa and Cocoa-Miami services. In order to accommodate the passenger trains at 90 mph and continue FEC Railway's freight service, construction of the following improvements is required:

- Eight new stations between Jacksonville and Miami;
- New track sidings (2,500 feet) at the new stations;
- Track signal control;
- Twenty-nine (29) curve miles of surface replacement track work of the existing rail line;
- Upgrades at existing highway and pedestrian crossings;
- New railroad crossings at sidings only; and
- Crossover track improvements at the Northwood Crossover in Palm Beach County.

A Programmatic Environmental Assessment (PEA) for the Florida East Coast Amtrak Service project was conducted to perform a Service National Environmental Policy Act (NEPA)-level assessment of project impacts, identify the individual actions to pursue for project-level analysis, and to propose the associated Classes of Action (COA). The PEA was determined as the appropriate COA for NEPA compliance because the impacts from the project (i.e., nominal additional trains to an existing freight corridor, stations in urban settings that are demanding intercity service, limited adverse impacts with opportunities for further avoidance and minimization) had not been fully evaluated and early scoping

efforts suggest that the impacts did not appear to be significant. This study provided a broad collective analysis of each of the project components to determine the potential for significant adverse environmental impacts. The PEA can be found on the project website at <http://www.sfecstudy.com/FDOT/Amtrak.html>.

Subsequent project-level compliance will evaluate site-specific location and design alternatives for the preferred station locations, corridor improvements and the crossover, including avoidance and minimization alternatives, to fully disclose potential environmental impacts not already in the Service NEPA review. Therefore, the ETDM Programming Screens for the entire project will be organized into three separate sub-levels of NEPA documentation: Rail Mainline, Stations and the Northwood Crossover. Each station will have independent utility and require an individual NEPA document. Note that this ETDM screening event only includes the project segment from the Northwood Crossover in Palm Beach County to Jacksonville. FDOT District IV will serve as the lead coordinating agency on the ETDM screening for the entire project, which includes the following projects in the EST:

**ETDM #11860 FEC Amtrak High-Speed Rail: Mainline (One Mainline NEPA)**

Estimated Costs:

FEC Capacity Improvements = \$41,580,000

Equipment (Rolling Stock) = \$124,800,000

Other Costs = \$24,500,000

Unallocated Contingency = \$8,102,000

Finance Charges = \$1,620,000

MIC = \$22,000,000

*Alternative 1 - Duval County:*

Project Limits: Jacksonville to Duval/St. Johns County Line

Estimated Length = 19.48 miles

*Alternative 2 - St Johns County:*

Project Limits: Duval/St. Johns County Line to St. Johns/Flagler County Line

Estimated Length = 35.36 miles

*Alternative 3 - Flagler County:*

Project Limits: St. Johns/Flagler County Line to Flagler/Volusia County Line

Estimated Length = 23.92 miles

*Alternative 4 - Volusia County:*

Project Limits: Flagler/Volusia County Line to Volusia/Brevard County Line

Estimated Length = 44.77 miles

*Alternative 5 - Brevard County:*

Project Limits: Volusia/Brevard County Line to Brevard/Indian River County Line

Estimated Length = 70.70 miles

*Alternative 6 - Indian River County:*

Project Limits: Brevard/Indian River County Line to Indian River/St. Lucie County Line

Estimated Length = 21.37 miles

*Alternative 7 - St. Lucie County:*

Project Limits: Indian River/St. Lucie County Line to St. Lucie/Martin County Line

Estimated Length = 22.04 miles

*Alternative 8 - Martin County:*

Project Limits: St. Lucie/Martin County Line to Martin/Palm Beach County Line

Estimated Length = 25.65 miles

*Alternative 9 - Palm Beach County:*

Project Limits: Martin/Palm Beach County Line to Northwood Crossover

Estimated Length = 16.70 miles

**Station Locations (Eight Station NEPAs, One for Each Location City)**

Estimated Costs:

Right-of-Way/Property = \$9,433,000

Construction = \$10,968,000

***ETDM PROJECT #12836 - FEC Amtrak High Speed Rail: St. Augustine Stations***

*Alternative 1 - US 1 at San Marco Avenue:*

Alternative 1 is located north of downtown, to the west of Route 1 near the intersection with San Marco Avenue. This site is owned by the FEC Railway and serves as a historic former passenger rail station location and turnaround. Although it is not within walking distance from downtown, several shopping centers, offices and residential neighborhoods are within a quarter-mile radius. Transit service is available in the vicinity of the proposed station through the Sunshine Bus Service. A concept plan sheet detailing the station layout is provided as Attachment 2 in the EST.

*Alternative 2 - US 1 at Carrera Street:*

Alternative 2 is located on the western edge of downtown, to the west of Route 1 across from Lemon Street and Carrera Street. This site is an open field along the east bank of the San Sebastian River and is within walking distance from downtown. Transit service is available in the vicinity of the proposed station through the Sunshine Bus Service, Old Town Trolley and the proposed future local commuter rail service between Jacksonville and St. Augustine. A concept plan sheet detailing the station layout is provided as Attachment 3 in the EST.

*Alternative 3 - St. Augustine/St. Johns County Airport:*

Alternative 3 is located north of St. Augustine, to the west of Route 1 across from the St. Augustine/St. Johns County Airport. This site is a vacant wooded area owned by the Airport Authority; it is not within walking distance from downtown. Transit service is available in the vicinity of the proposed station through the St. Augustine/St. Johns County Airport, a car rental facility at the Airport, Sunshine Bus Service and the proposed future local commuter rail service between Jacksonville and St. Augustine. A concept plan sheet detailing the station layout is provided as Attachment 4 in the EST.

## **ETDM PROJECT #12837 - FEC Amtrak High Speed Rail: Daytona Beach Stations**

### *Alternative 1 - South of International Speedway Boulevard at Magnolia Avenue:*

Alternative 1 is located on the east side of the FEC Railway between International Speedway Boulevard and Magnolia Avenue. This site is currently developed. Although it is not within walking distance from downtown, it is situated near several residential, commercial and industrial areas. Transit service is available in the vicinity of the proposed station through the regional Votran bus service and adjacent Greyhound bus terminal. A concept plan sheet detailing the station layout is provided as Attachment 5 in the EST.

### *Alternative 2 - South of Orange Avenue:*

Alternative 2 is located on the east side of the FEC Railway between Orange Avenue and Live Oak Avenue. This site is currently developed. Although it is not within walking distance from downtown, it is situated near several residential, commercial and industrial areas. Transit service is available in the vicinity of the proposed station through the regional Votran bus service and adjacent Greyhound bus terminal. A concept plan sheet detailing the station layout is provided as Attachment 6 in the EST.

### *Alternative 3 - North of Orange Avenue:*

Alternative 3 is located on the east side of the FEC Railway, north of Orange Avenue. This site is currently developed. Although it is not within walking distance from downtown, it is situated near several residential, commercial and industrial areas. Transit service is available in the vicinity of the proposed station through the regional Votran bus service and adjacent Greyhound bus terminal. A concept plan sheet detailing the station layout is provided as Attachment 7 in the EST.

### *Alternative 4 - South of Live Oak Avenue:*

Alternative 4 is located on the west side of the FEC Railway between Live Oak Avenue and Loomis Avenue. This site is occupied by Live Oak Park. Although it is not within walking distance from downtown, it is situated near several residential, commercial and industrial areas. Transit service is available in the vicinity of the proposed station through the regional Votran bus service. A concept plan sheet detailing the station layout is provided as Attachment 8 in the EST.

### *Alternative 5 - North of International Speedway Boulevard:*

Alternative 5 is located on the east side of the FEC Railway, north of International Speedway Boulevard. This site is currently developed. Although it is not within walking distance from downtown, it is situated near several residential, commercial and industrial areas. Transit service is available in the vicinity of the proposed station through the regional Votran bus service and nearby Greyhound bus terminal. A concept plan sheet detailing the station layout is provided as Attachment 9 in the EST.

## **ETDM PROJECT #12838 - FEC Amtrak High Speed Rail: Titusville Stations**

### *Alternative 1 - South of Julia Street:*

Alternative 1 is located downtown to the east of the FEC Railway, in the vicinity of Julia Street. This site serves as the former passenger rail station location in Titusville and is currently occupied by a FEC Railway storage and maintenance yard. Transit service is available in the vicinity of the proposed station through the local bus service run by Space Coast Area Transit and a private shuttle service to Port Canaveral. A concept plan sheet detailing the station layout is provided as Attachment 10 in the EST.

*Alternative 2 - North of Pine Street:*

Alternative 2 is located downtown to the east of the FEC Railway, north of Pine Street. This site is adjacent to the former passenger rail station location in Titusville and is currently occupied by a FEC Railway storage and maintenance yard. Transit service is available in the vicinity of the proposed station through the local bus service run by Space Coast Area Transit and a private shuttle service to Port Canaveral. A concept plan sheet detailing the station layout is provided as Attachment 11 in the EST.

*Alternative 3 - Space Center Executive Airport:*

Alternative 3 is located at the Space Center Executive Airport, west of Route 1. This site is an undeveloped wooded area and is not within walking distance from downtown. Transit service is available in the vicinity of the proposed station through the Space Center Executive Airport, a car rental facility at the Airport, local bus service run by Space Coast Area Transit and a private shuttle service to Port Canaveral. A concept plan sheet detailing the station layout is provided as Attachment 12 in the EST.

*Alternative 4 - North of NASA Causeway:*

Alternative 4 is located west of Route 1, east of the FEC Railway, and approximately 1.2 miles north of NASA Causeway. This site is a vacant lot immediately north of the existing Chrysler Dealership that is used for automobile storage and is not within walking distance from downtown. Transit service is available in the vicinity of the proposed station through the Space Center Executive Airport, a car rental facility at the Airport, local bus service run by Space Coast Area Transit and a private shuttle service to Port Canaveral. A concept plan sheet detailing the station layout is provided as Attachment 13 in the EST.

**ETDM PROJECT #12839 - FEC Amtrak High Speed Rail: Cocoa Stations**

*Alternative 1 - South of Stone Street:*

Alternative 1 is located downtown to the west of the FEC Railway, south of State Route 520 and east of Washington Avenue. This site is currently developed. Transit service is available in the vicinity of the proposed station through the local bus service run by Space Coast Area Transit and private shuttle service to Port Canaveral. A concept plan sheet detailing the station layout is provided as Attachment 14 in the EST.

*Alternative 2 - South of Rosa L. Jones Boulevard:*

Alternative 2 is located downtown near the intersection of Railroad Boulevard and Rosa L. Jones Boulevard, east of the FEC Railway. This area is predominantly developed and includes the site of the former Cocoa passenger rail station. Transit service is available in the vicinity of the proposed station through the local bus service run by Space Coast Area Transit and private shuttle service to Port Canaveral. A concept plan sheet detailing the station layout is provided as Attachment 15 in the EST.

**ETDM PROJECT #12840 - FEC Amtrak High Speed Rail: Melbourne Stations**

*Alternative 1 - Melbourne International Airport:*

Alternative 1 is located on the west side of the FEC Railway and east of South Apollo Boulevard. This site is partially wooded and partially developed and is not within walking distance from downtown, but is situated near several residential neighborhoods. Transit service is available in the vicinity of the proposed station through the Melbourne International Airport, a car rental facility at the Airport, a Greyhound bus terminal at the Airport, private shuttle service to Port Canaveral and regional bus service provided by Space Coast Area Transit. A concept plan sheet detailing the station layout is provided as Attachment 16 in the EST.

*Alternative 2 - Jernigan Avenue:*

Alternative 2 is located on the east side of the FEC Railway at the southwest corner of US 1 and Jernigan Avenue. This site is partially developed, bounded on the east by a Community Redevelopment Area (CRA) and is not within walking distance from downtown, but is situated near several residential neighborhoods, retail, commercial and light industrial uses. Transit service is available in the vicinity of the proposed station through the Melbourne International Airport, a car rental facility at the Airport, a Greyhound bus terminal at the Airport, private shuttle service to Port Canaveral and regional bus service provided by Space Coast Area Transit. A concept plan sheet detailing the station layout is provided as Attachment 17 in the EST.

*Alternative 3 - North of SR 192:*

Alternative 3 is located on the east side of the FEC Railway, north of SR 192 near Palmetto Avenue. This site is mostly undeveloped, and is situated near approximately fifteen (15) bars and restaurants in a retail area. Transit service is available in the vicinity of the proposed station through the Melbourne International Airport, a car rental facility at the Airport, a Greyhound bus terminal at the Airport, private shuttle service to Port Canaveral and regional bus service provided by Space Coast Area Transit. A concept plan sheet detailing the station layout is provided as Attachment 18 in the EST.

**ETDM PROJECT #12841 - FEC Amtrak High Speed Rail: Vero Beach Stations**

*Alternative 1 - South of 19<sup>th</sup> Place:*

Alternative 1 is located on the west side of the FEC Railway and south of 19<sup>th</sup> Place/20<sup>th</sup> Street. This site is occupied by a former diesel plant and is within walking distance from downtown. Transit service is available in the vicinity of the proposed station through the local GoLine bus service (Indian River County's public transit service). A concept plan sheet detailing the station layout is provided as Attachment 19 in the EST.

*Alternative 2 - North of 21<sup>st</sup> Street:*

Alternative 2 is located on the west side of the FEC Railway between 21<sup>st</sup> Street and 23<sup>rd</sup> Street. This site is occupied by the Vero Beach Community Center and is within walking distance from downtown. Transit service is available in the vicinity of the proposed station through GoLine bus service (Indian River County's public transit service). A concept plan sheet detailing the station layout is provided as Attachment 20 in the EST.

*Alternative 3 - North of 23<sup>rd</sup> Street:*

Alternative 3 is located on the west side of the FEC Railway, north of 23<sup>rd</sup> Street. This site is occupied by the historic Vero Beach train station, which is currently operated as a museum by the Indian River Historical Society and is within walking distance from downtown. Transit service is available in the vicinity of the proposed station through GoLine bus service (Indian River County's public transit service). A concept plan sheet detailing the station layout is provided as Attachment 21 in the EST.

**ETDM PROJECT #12842 - FEC Amtrak High Speed Rail: Fort Pierce Stations**

*Alternative 1 - Orange Avenue/East of FEC:*

Alternative 1 is located south of Orange Avenue, north of Citrus Avenue, east of South Federal Highway, and east of the FEC Railway. This area is currently developed and is within walking distance from downtown. Transit service is available in the vicinity of the proposed station through the Treasure Coast Connector bus service run by Community Transit, a division of Council on Aging of St. Lucie, Inc. A concept plan sheet detailing the station layout is provided as Attachment 22 in the EST.

*Alternative 2 - Orange Avenue/West of FEC:*

Alternative 2 is located south of Orange Avenue, north of Citrus Avenue, east of South Federal Highway, and west of the FEC Railway. This area is currently developed and is within walking distance from downtown. Transit service is available in the vicinity of the proposed station through the Treasure Coast Connector bus service run by Community Transit, a division of Council on Aging of St. Lucie, Inc. A concept plan sheet detailing the station layout is provided as Attachment 23 in the EST.

***ETDM PROJECT #12843 - FEC Amtrak High Speed Rail: Stuart Stations***

*Alternative 1 - Kiwanis Park:*

Alternative 1 is located in downtown Stuart between Ocean Boulevard and SE 6<sup>th</sup> Street. This site is currently occupied by a park and ride lot and a playground. Transit service is available in the vicinity of the proposed station through the Stuart Shuttle run by Community Coach, a service of the Council on Aging of Martin County, the Treasure Coast Connector bus service run by Community Transit, a division of Council on Aging of St. Lucie, Inc., and a park and ride lot. A concept plan sheet detailing the station layout is provided as Attachment 24 in the EST.

*Alternative 2 - East Coast Lumber:*

Alternative 2 is located in downtown Stuart along Ocean Boulevard. This site is currently occupied by a park and ride lot, a playground and East Coast Lumber. Transit service is available in the vicinity of the proposed station through the Stuart Shuttle run by Community Coach, a service of the Council on Aging of Martin County, the Treasure Coast Connector bus service run by Community Transit, a division of Council on Aging of St. Lucie, Inc., and a park and ride lot. A concept plan sheet detailing the station layout is provided as Attachment 25 in the EST.

*Alternative 3 - Stypmann Boulevard:*

Alternative 3 is located in downtown Stuart along Ocean Boulevard, just south of the intersection of SE Flagler Street and Stypmann Boulevard. This site is currently occupied by a park and ride lot. Transit service is available in the vicinity of the proposed station through the Stuart Shuttle run by Community Coach, a service of the Council on Aging of Martin County, the Treasure Coast Connector bus service run by Community Transit, a division of Council on Aging of St. Lucie, Inc., and a park and ride lot. A concept plan sheet detailing the station layout is provided as Attachment 26 in the EST.

**ETDM PROJECT #12796 - Northwood Crossover (One Crossover NEPA)**

Estimated Costs:

Right-of-Way/Property: \$21,325,000

Construction/Other: \$4,081,000

The Northwood Crossover is an existing track connecting the FEC Railway with the SFRC in the Northwood section of West Palm Beach. This is a short connector track as the FEC Railway is located approximately 2,100 feet east of the SFRC. The existing connector runs in a northwest/southeast orientation between the two rail lines, which is not usable in its current configuration due to a missing connection in the northeast quadrant leading to/from the FEC Railway. This would not allow for head-on movement of Amtrak trains. The no-build option would require a compromised operating condition where Amtrak and future corridor trains would need to reverse directions. This would require an additional 20 minutes of travel time plus additional costs for flagmen, which is untenable as a permanent operating condition. The Northwood Crossover would be relocated from its current location to avoid impacts to a cemetery and to better accommodate train traffic to and from points north on the FEC Railway. Acquisition of ten low-quality industrial parcels and associated business relocations would be needed. This would facilitate the redevelopment efforts in the adjacent Old Northwood Historic District to upgrade uses to a mixed-use retail, commercial and entertainment area. The crossover location and layout is provided as Attachment 27 in the EST.

## **PROJECT PURPOSE**

The purpose of the project is to enhance rail mobility and connectivity to Florida's east coast cities, augment on-going revitalization of the historic town centers in these cities, and stimulate immediate and long-term job growth through construction and transit-oriented development. The proposed Amtrak intercity passenger service on the Florida East Coast (FEC) Railway corridor is anticipated to:

- Provide reliable, high-quality rail service between Florida's east coast cities that also connects the Northeast, Mid-Atlantic, Southeast and Midwest United States to major tourist destinations along Florida's east coast.
- Provide greater choices and access to transportation modes, which will ultimately increase mobility along Florida's east coast by integrating existing transportation services (specifically intercity rail and bus lines, commuter rail lines, urban rail transit lines, highways, seaports and airports).
- Augment the on-going redevelopment of compact development patterns in the historic town centers along Florida's east coast.
- Provide for predictable, consistent travel times and interface with airports, seaports, mass transit and Florida's highway network, thereby relieving capacity constraints of the existing transportation system as increases in intercity travel occur in a manner sensitive to and protective of Florida's unique natural resources.

The enhanced passenger rail service will also provide the opportunity to not only move people more efficiently, but will enhance development opportunities at and beyond station areas and strengthen existing communities. The service will encourage increased visitation throughout the corridor service area for tourism, sporting events, business activities and personal visits to family and friends. The program is a strategic investment for the future growth of the region.

The proposed project will additionally provide greater access to and expand choices of transportation modes, which will increase mobility throughout Northern Florida, Central Florida and very congested South Florida by integrating existing transportation networks, particularly intercity rail and bus lines, commuter rail lines, urban rail transit lines, highways, sea and airports.

Estimated economic stimulus benefits from the project include:

| <b>Stimulus Impact</b>             | <b>Corridor</b> | <b>State</b> | <b>Total</b> |
|------------------------------------|-----------------|--------------|--------------|
| Induced Development Value (2021)   | \$2 billion     |              |              |
| Construction Jobs                  | 1,353           | 550          | 1,903        |
| O&M Jobs                           | 201             | 24           | 225          |
| Jobs associated with TOD (in 2012) | 331             |              | 331          |
| Jobs associated with TOD (in 2021) | 3,322           | 6,334        | 9,656        |
| <b>Total Permanent Jobs (2021)</b> | <b>3,523</b>    | <b>6,358</b> | <b>9,881</b> |

This project is consistent with recent federal transportation policy, most notably:

- Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) of 2005 (Public Law 109-59).
- Transportation Equity Act for the 21st Century (TEA-21) of 1998 (Public Law 105-178).
- Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 (Public Law 102-240).

These acts encourage public transportation investment that increases national productivity and domestic and international competition while improving safety, as well as social and environmental conditions. Specifically, these policies encourage investments that:

- Link all major forms of transportation.
- Improve public transportation systems and services.
- Provide better access to seaports and airports.
- Enhance efficient operation of transportation facilities and service.

The objectives of the proposed project are:

- Improve intercity mobility and access to and between Florida's eastern cities by filling a critical gap in the intercity transportation network.
- Provide travel times between city centers and tourist destinations that are comparable with air and automobile travel times.
- Maximize intermodal transportation opportunities by interconnecting with local transit services, airports and seaports.
- Provide efficient, comfortable, safe and reliable intercity rail service.
- Create new employment opportunities in the project area and throughout the State of Florida.
- Preserve environmental quality and protect Florida's sensitive environmental resources by reducing global warming emissions through reductions in vehicle-miles traveled for intercity trips.

Develop a practical and economically viable alternative transportation system that can be implemented by 2014.

## **PROJECT NEED**

The need for the project stems from continued growth in long-distance travel to Florida's east coast cities; an incomplete, inconvenient, and overburdened transportation network; and depressed economic conditions.

### ***1) Future Growth and Demand for Intercity Travel***

The need for the expanded Amtrak service is directly related to the expected growth in population and intercity travel demand to Florida's eastern communities. (Please refer to P&N Statement Attachment A in the EST.)

If Florida utilizes all the density that land-use plans now permit, its population could balloon to five times the current level. The University of Florida estimates that 25 million people will live in the state by 2035, compared to the current population of approximately 17 million. Population in Duval County is projected to increase from 778,000 to 1.2 million residents by 2035. The FEC rail corridor between Miami and Jacksonville has the potential to serve over 8.6 million people by 2035.

Florida's current transportation system has not kept pace with the tremendous increase in population, economic activity, and tourism in the state. The interstate highway system, regional commercial airports and conventional passenger rail system serving the intercity travel market are operating at or near capacity and will require large public investments for maintenance and expansion to meet existing demand and future growth. Moreover, the ability to expand many major highways and strategic airports is uncertain as needed expansions may be impractical or may be constrained by physical, economic and/or other factors.

The influx of new residents is so significant, the state, despite careful planning and strategic investments in infrastructure, simply cannot adequately support transportation demand. This is especially true in its urban areas. In Florida and other high-growth states, highways cannot be constructed fast enough and airports currently operate at or above capacity.

A growing travel market is associated with baby-boomers, retirees and new immigrants who are selecting Florida's east coast communities for second homes. St. Augustine, Vero Beach, Melbourne, Fort Pierce and Stuart are increasingly being selected for second homes for both northerners, who enjoy Florida's mild winter weather, and Floridians, who take respite from the urban stresses of Southeast Florida and Jacksonville.

City-to-city travel is on the rise. One key city pair for intercity travel is Jacksonville and Miami. The stretch between this city pair is densely populated with several major population centers including St. Augustine, Daytona Beach, Titusville, Cocoa, Melbourne, Vero Beach, Fort Pierce and Stuart. There is no passenger rail service along the FEC railway to serve intercity travel between these communities. Instead they depend mainly upon roadway connections. The presence of several airports allows for limited connections for passengers via air. The FEC railway also connects these communities, however, only freight traffic moves on the corridor at this time.

Substantial additional capacity is needed to assist seaports in meeting expected growth in freight and cruise activity. For rail and urban transit systems to serve as viable options for the movement of people and goods within and between urban areas, investments in additional passenger and freight rail capacity will also be needed.

## **2) *Transportation Network***

Florida's historic eastern cities are currently accessed by sparse commercial air service to one regional airport, limited intercity bus service, rental cars from distant major airports, and congested Interstate 95 (I-95). Specifically:

- Daytona Beach is the only airport with commercial air service, coming from either Charlotte or Atlanta. In-state air travelers must connect through these two cities to access project area cities.
- Major airports at Jacksonville, Orlando and West Palm Beach have much higher commercial service, but rental cars and the interstate system must be used to access the project area.
- Greyhound provides limited service to the project area. The cities of Stuart, Fort Pierce and Cocoa are not served by Greyhound. St. Augustine, Titusville and Melbourne are served by two buses northbound and four buses southbound per day. Daytona Beach has the highest service level with five buses per day in each direction. No other communities in the project area are served by Greyhound.

The existing intercity passenger service is limited to two round trip trains per day with limited stops serving an estimated population of 6 million people along the east coast of Florida. The current capacity and connectivity of Florida's transportation system is significantly insufficient to meet existing and especially future demand and mobility.

I-95 in Palm Beach is experiencing annual average daily traffic volumes from approximately 169,200 vehicles per day to almost 202,600 vehicles per day and is expected to experience daily traffic volumes of 290,000-plus vehicles per day by the year 2033. With several large-scale developments recently completed, others under construction, and many more anticipated in both the short- and long-range time frames, it is evident that this over-capacity condition will become an even greater problem.

The current and projected future roadway congestion will continue to result in deteriorating air quality, reduced reliability, and increased travel times on Florida highways. Out-of-town visitors are dependent on car rentals for intercity mobility. The dependence on automobile mobility and fuel cost fluctuations is negatively affecting the economy, quality of life, and air quality in Florida's metropolitan areas as the transportation system becomes less reliable as travel demand increases.

From a passenger rail perspective, public interest in rail alternatives to meet intra-Florida, intercity and regional mobility needs is rising. More than 100 local governments, agencies and other groups have adopted resolutions and letters of support requesting passenger service to be established on the FEC railway along Florida's east coast. Passenger rail will steadily become more important as an alternative to the congestion on Florida's highways, and will increase the mobility of tourists, business travelers, and citizens, especially older Floridians.

### **3) *Economic Conditions and High Unemployment***

Florida's economy has been battered by falling home prices, a spike in the number of foreclosures statewide, the collapse of national financial markets and the subsequent credit freeze, influx of immigrants from disaster areas including Haiti and Chile, retirement of the Space Shuttle program and the effects of a global recession. Florida's unemployment rate continues its upward trend, with the seasonally-adjusted rate for December 2009 hitting 11.8 percent representing the highest level in 35 years. The state's jobless rate is up 4.2 percentage points from last year at this time and almost 2 points higher than the national average of 10 percent.

The official unemployment rate does not include individuals who have stopped looking for work, those who have been forced into part-time work, or those who have accepted jobs far below their skill levels. When those people are added, the percentage of workers who are unemployed or underemployed exceeds 19.5 percent. Since April 2007, Florida has lost over 720,000 jobs across (virtually) all industries. The construction industry has taken the hardest hit. In addition, 23,000 project area jobs are expected to be lost due to the retirement of the Space Shuttle program at Cape Canaveral. (P&N Statement Attachment B in the EST depicts the unemployment rates in the United States and Florida over the last decade).

This project will stimulate job growth in the construction and transportation sectors. In addition to short-term construction jobs, this project will create long-term employment associated with on-going attempts to economically revitalize the historical town centers in the project corridor.

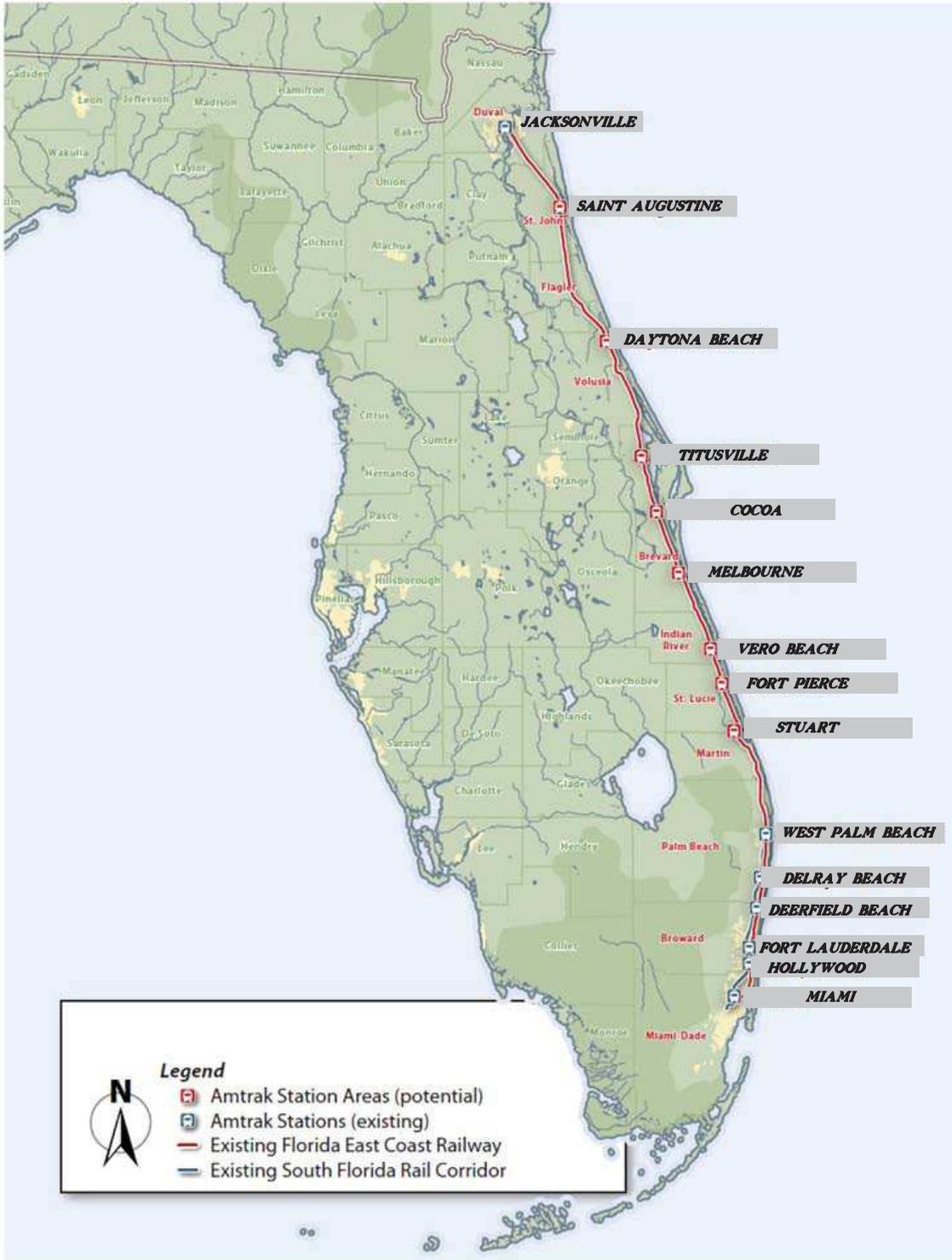
Simply stated, the need for improvements serving intercity travel in Florida relates to the following issues:

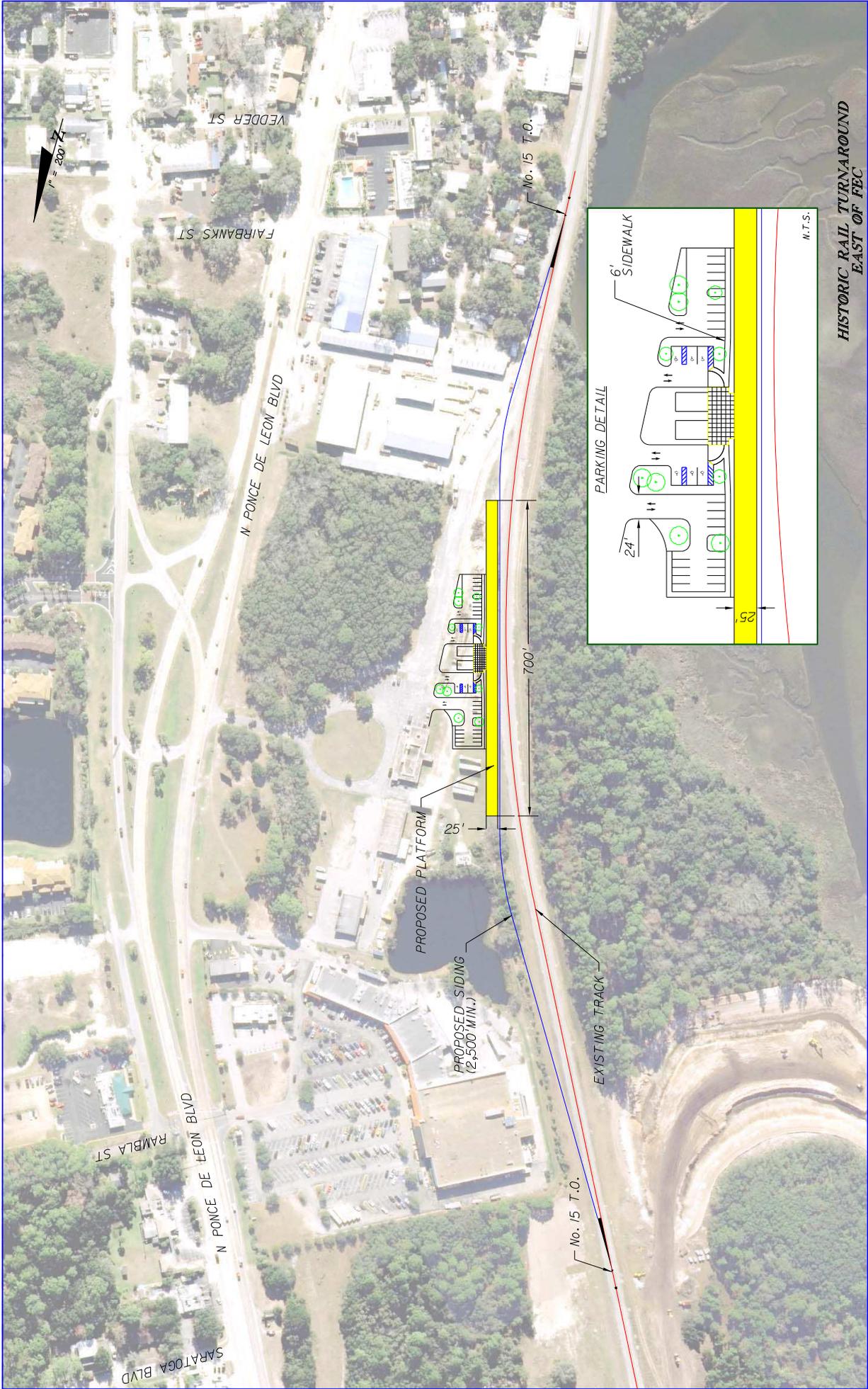
- Limited mobility options.
- Future growth and demand for intercity travel.

- Capacity constraints that will result in increasing congestion and travel delays.
- Unreliability of travel stemming from congestion and delays, weather conditions, accidents and other factors that affect the quality of life and economic well-being of residents, businesses and tourism in Florida.
- Reduced mobility as a result of increasing demand on limited modal connections between major sea and airports, transit systems and passenger rail in the state.
- Poor and deteriorating air quality and pressure on natural resources as a result of expanded highways and airports.
- Lack of economic stimulus to revitalize historical city centers along the FEC rail corridor.

# Attachment 1

## Florida East Coast Amtrak Service Corridor





**HISTORIC RAIL TURNAROUND  
EAST OF FEC**

SHEET  
NO.  
01

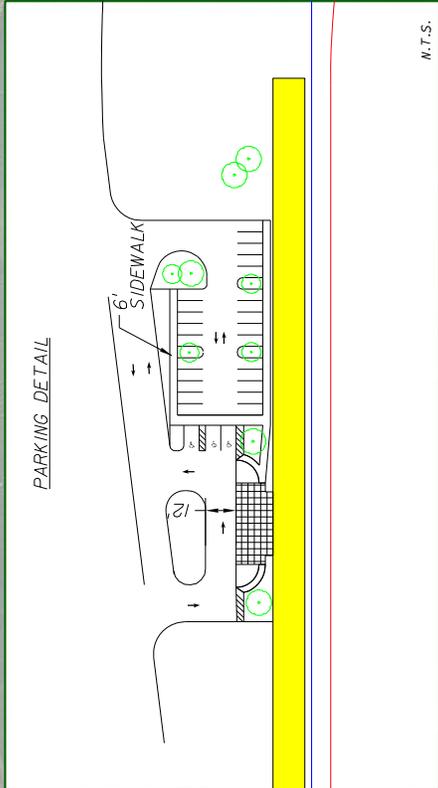
**CONCEPT PLAN  
ST. AUGUSTINE AMTRAK STATION  
ALTERNATE SITE 1**

|                              |                      |
|------------------------------|----------------------|
| STATE OF FLORIDA             |                      |
| DEPARTMENT OF TRANSPORTATION |                      |
| ROAD NO.                     | FINANCIAL PROJECT ID |
| COUNTY                       |                      |
| ST. JOHNS                    |                      |
| 2/2/200                      | 5:00:00 PM           |

K:\Amtrak Stations /19-2010\ ST AUGUSTINE\PLANR001.dgn

emlyw@tc.dgs.gov

| REVISIONS |             |
|-----------|-------------|
| DATE      | DESCRIPTION |
|           |             |
|           |             |



| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
|      |             |           |      |             |

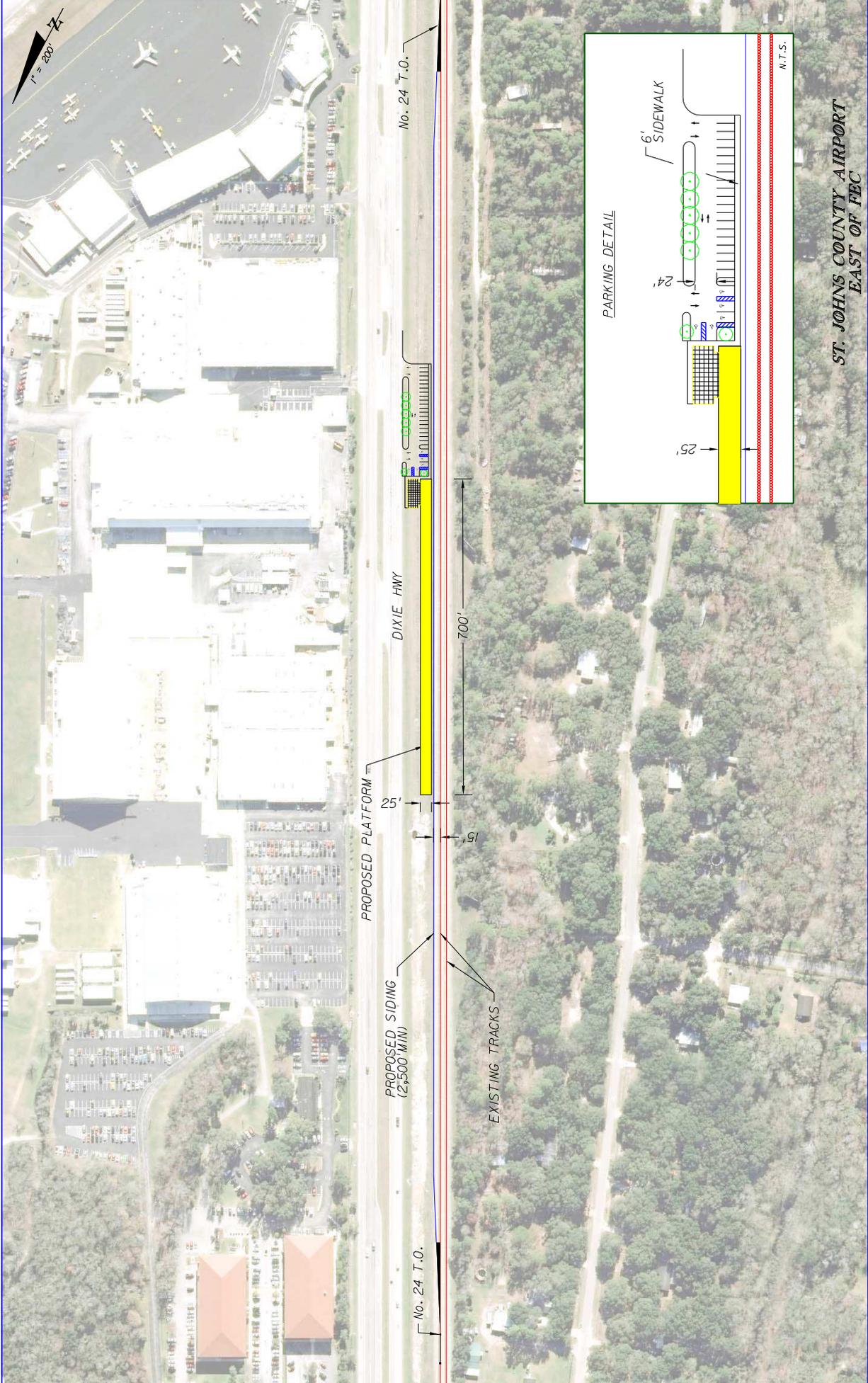
  

|                  |            |                              |  |
|------------------|------------|------------------------------|--|
| STATE OF FLORIDA |            | DEPARTMENT OF TRANSPORTATION |  |
| ROAD NO.         | COUNTY     | FINANCIAL PROJECT ID         |  |
|                  | ST JOHNS   |                              |  |
|                  | 7/24/17 AM |                              |  |

|                              |  |           |  |
|------------------------------|--|-----------|--|
| CONCEPT PLAN                 |  | SHEET NO. |  |
| ST. AUGUSTINE AMTRAK STATION |  | 02        |  |
| ALTERNATE SITE 2             |  |           |  |

K:\Amtrak Stations 1-19-2010\ST AUGUSTINE\PLANR002.dgn



**ST. JOHNS COUNTY AIRPORT  
EAST OF FEC**

| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

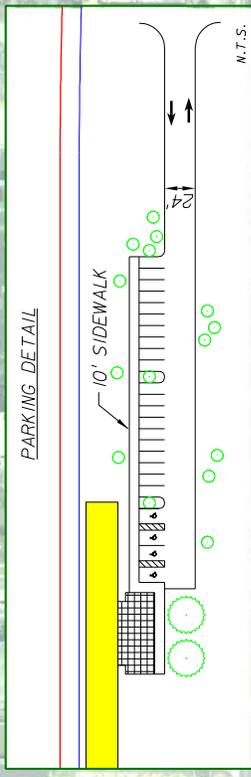
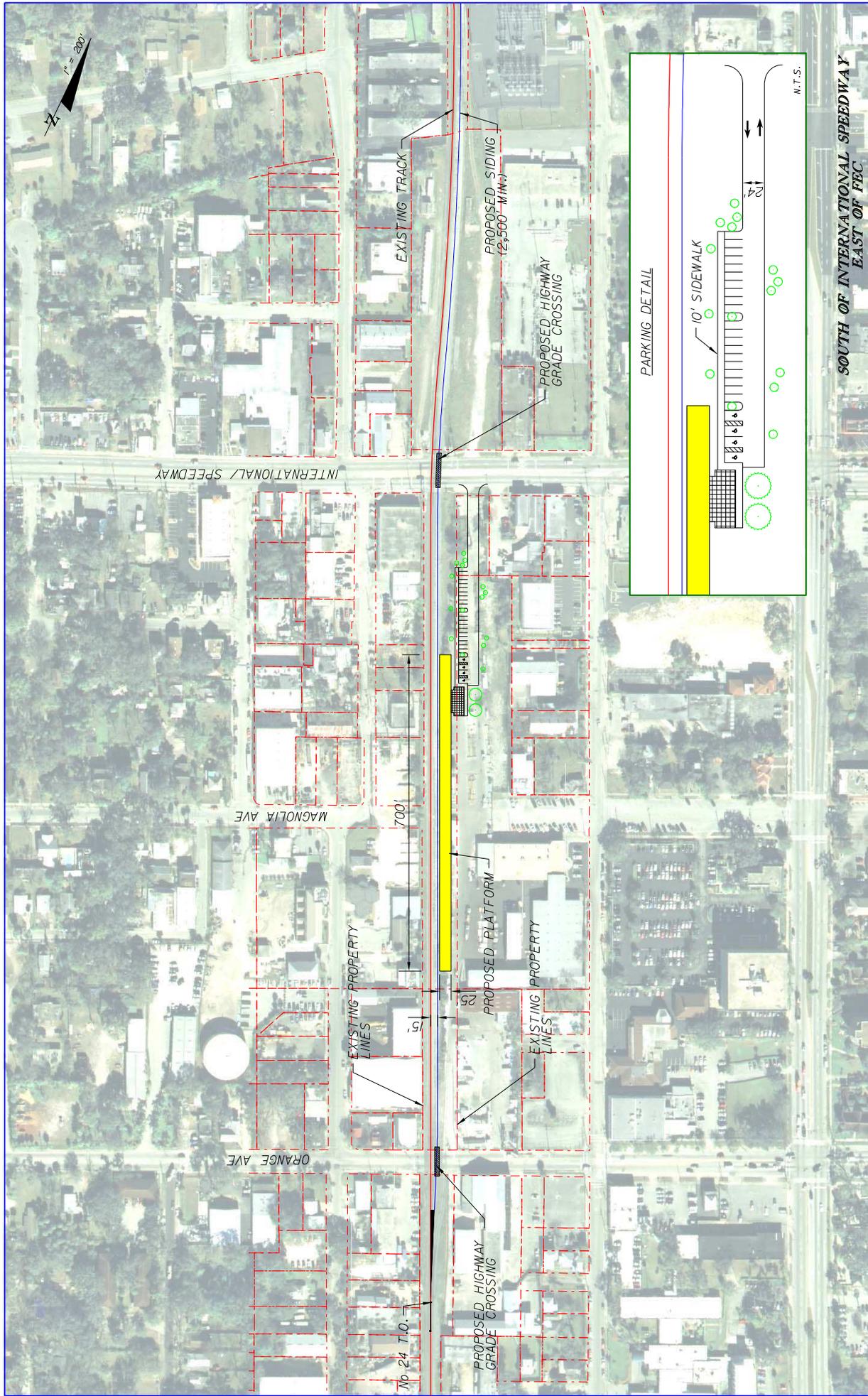
|                  |            |                              |  |
|------------------|------------|------------------------------|--|
| STATE OF FLORIDA |            | DEPARTMENT OF TRANSPORTATION |  |
| COUNTY           |            | FINANCIAL PROJECT ID         |  |
| ST JOHNS         |            |                              |  |
| 2/1/200          | 7:53:37 AM |                              |  |

|  |    |
|--|----|
| SHEET NO.  | 03 |
| CONCEPT PLAN<br>ST. AUGUSTINE AMTRAK STATION<br>ALTERNATE SITE 3 |    |

K:\Amtrak Stations 1-19-2010\1. ST AUGUSTINE\PLANR003.dgn

emh/rtc/agostino

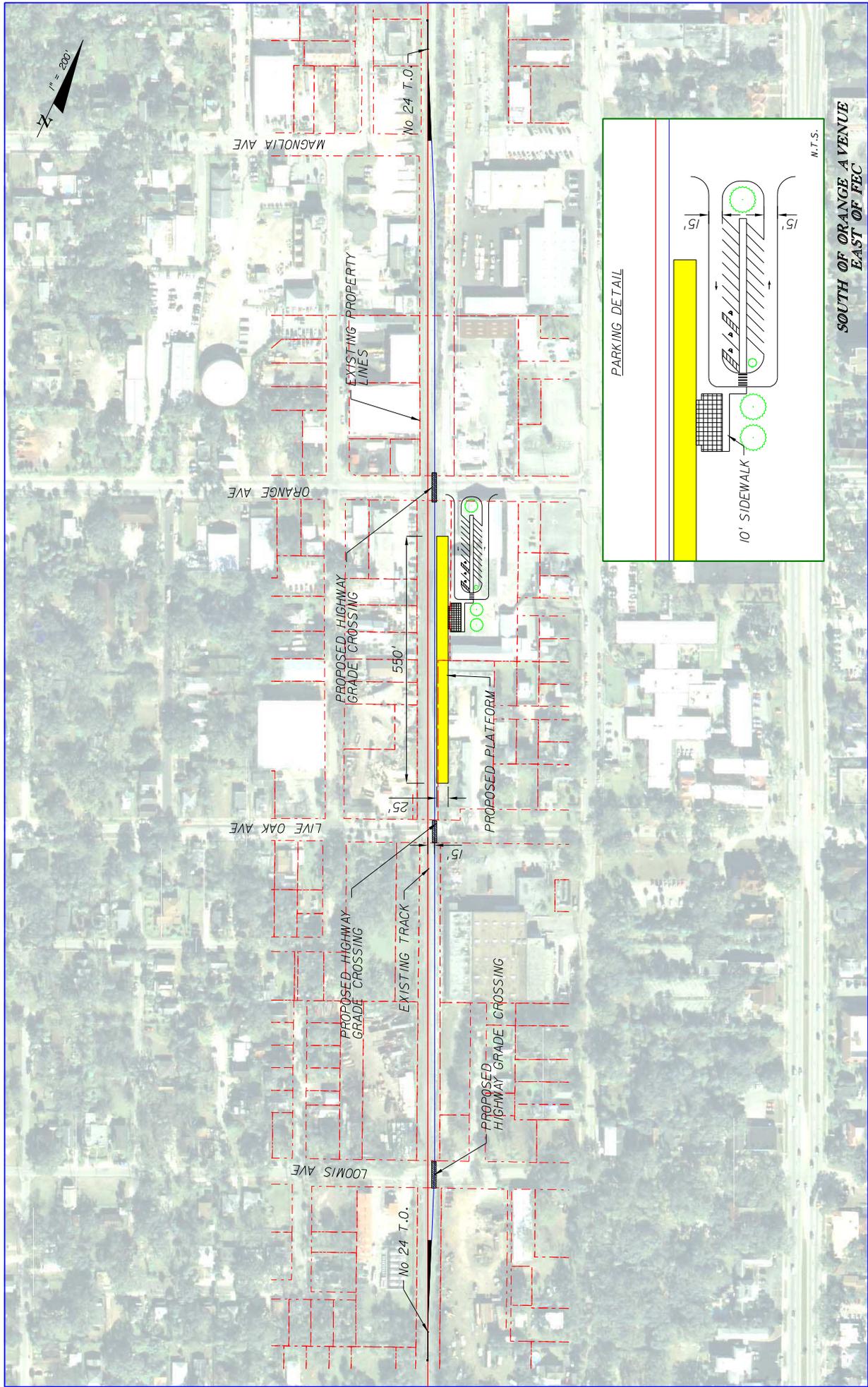


**SOUTH OF INTERNATIONAL SPEEDWAY  
EAST OF FEC**

| REVISIONS |             | STATE OF FLORIDA                                    |         | SHEET NO.            |     |
|-----------|-------------|---|---------|----------------------|-----|
| DATE      | DESCRIPTION | DEPARTMENT OF TRANSPORTATION                        | COUNTY  | FINANCIAL PROJECT ID | NO. |
|           |             | ROAD NO.  | VOLUSIA | - - - -              | 01  |
|           |             | 2/1/200   |         | 9:23:57 AM           |     |
|           |             | K:\Amtrak Stations 1-19-2010\2_Daytona\PLANR001.dgn |         |                      |     |

**CONPET PLAN  
DAYTONA AMTRAK STATION  
ALTERNATE SITE 1**

emlyw@tc.com

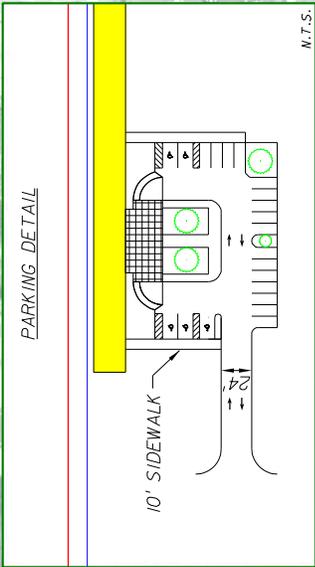
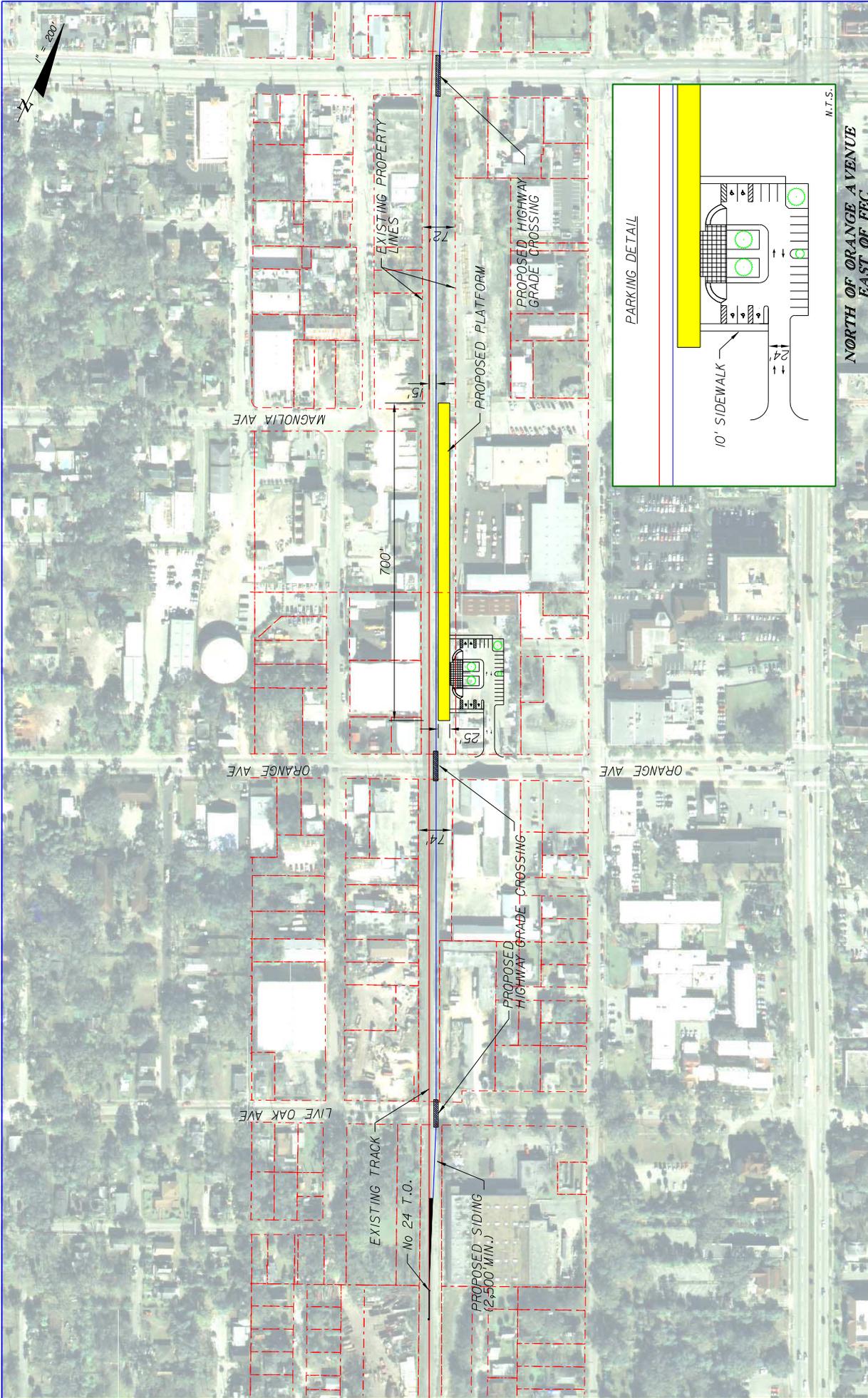


**SOUTH OF ORANGE AVENUE  
EAST OF FEC**

| REVISIONS |             | STATE OF FLORIDA                                   |          | SHEET NO.  |                      |
|-----------|-------------|--|----------|------------|----------------------|
| DATE      | DESCRIPTION | DEPARTMENT OF TRANSPORTATION                       | ROAD NO. | COUNTY     | FINANCIAL PROJECT ID |
|           |             | FLORIDA  |          | VOLUSIA    |                      |
|           |             | 2/1/200  |          | 9:57:34 AM |                      |
|           |             | K:\Amtrak Stations 1-9-2002-Dartona\PLANR002-1.dwg |          | 02         |                      |

**CONCEPT PLAN  
DAYTONA AMTRAK STATION  
ALTERNATE SITE 2 (Option 1)**

emlyw@tc.com



NORTH OF ORANGE A VENUE  
EAST OF FEC

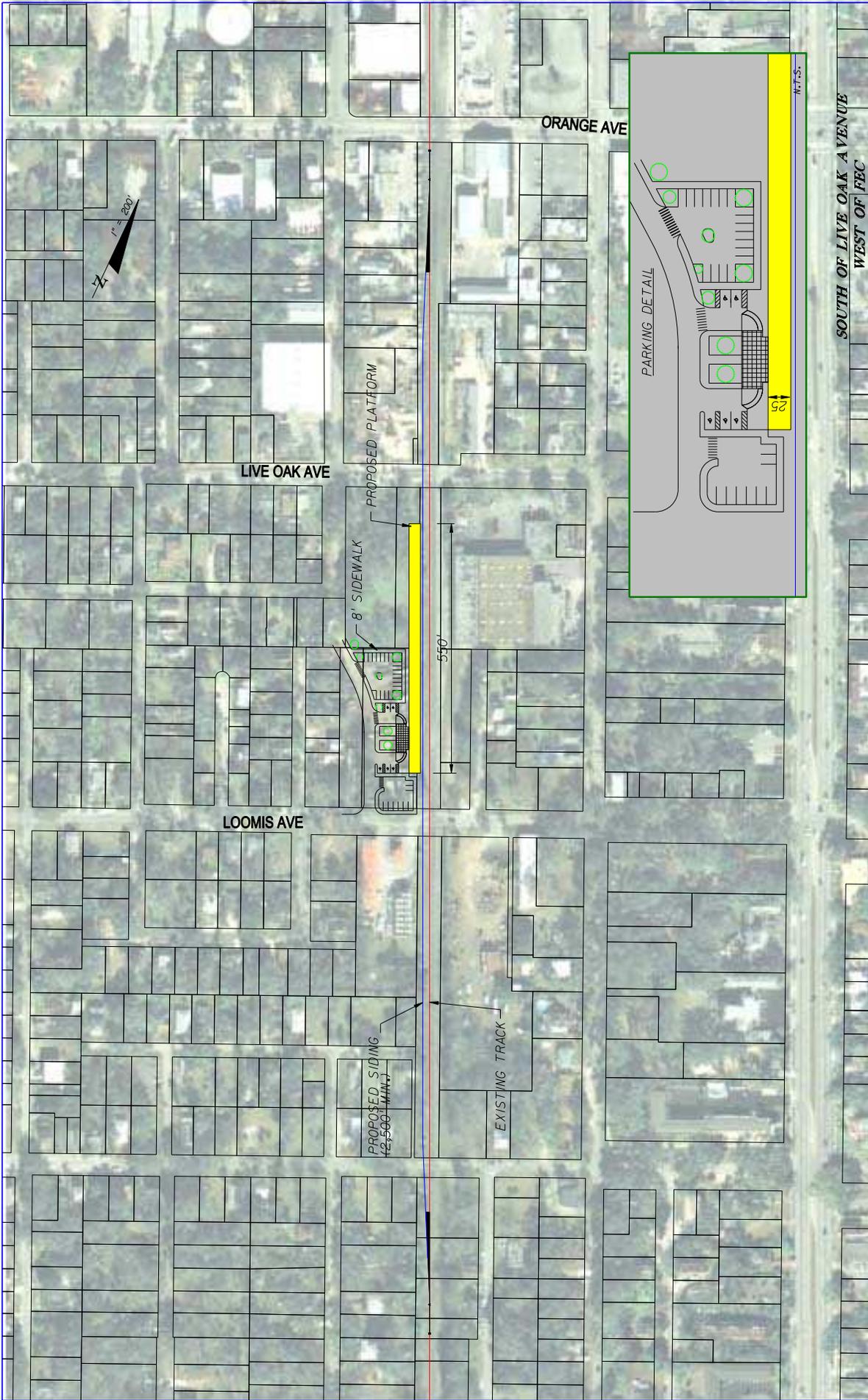
| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

|                  |  |                              |  |
|------------------|--|------------------------------|--|
| STATE OF FLORIDA |  | DEPARTMENT OF TRANSPORTATION |  |
| COUNTY VOLUSIA   |  | FINANCIAL PROJECT ID         |  |
| 2/1/200          |  | 9:59:57 AM                   |  |

|                             |  |              |  |
|-----------------------------|--|--------------|--|
| CONCEPT PLAN                |  | SHEET NO. 03 |  |
| DAYTONA AMTRAK STATION      |  |              |  |
| ALTERNATE SITE 2 (Option 2) |  |              |  |



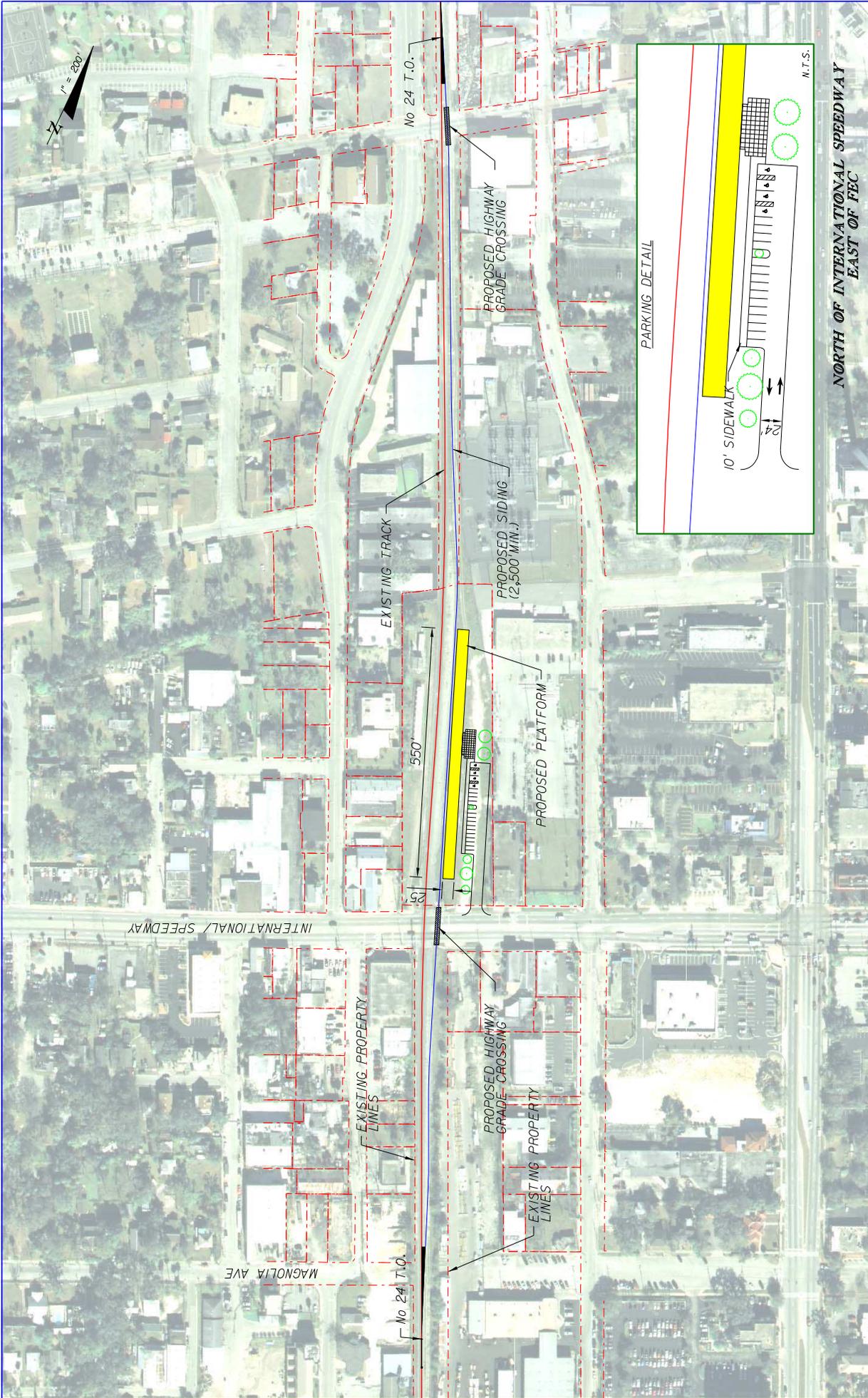
| DATE | DESCRIPTION | DATE | DESCRIPTION |
|------|-------------|------|-------------|
|      |             |      |             |

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

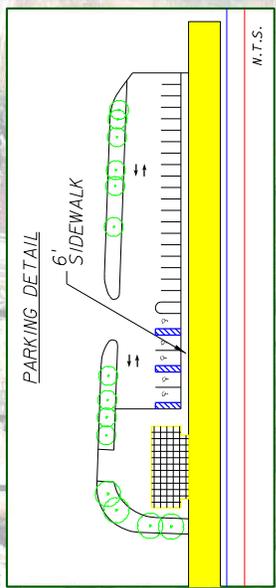
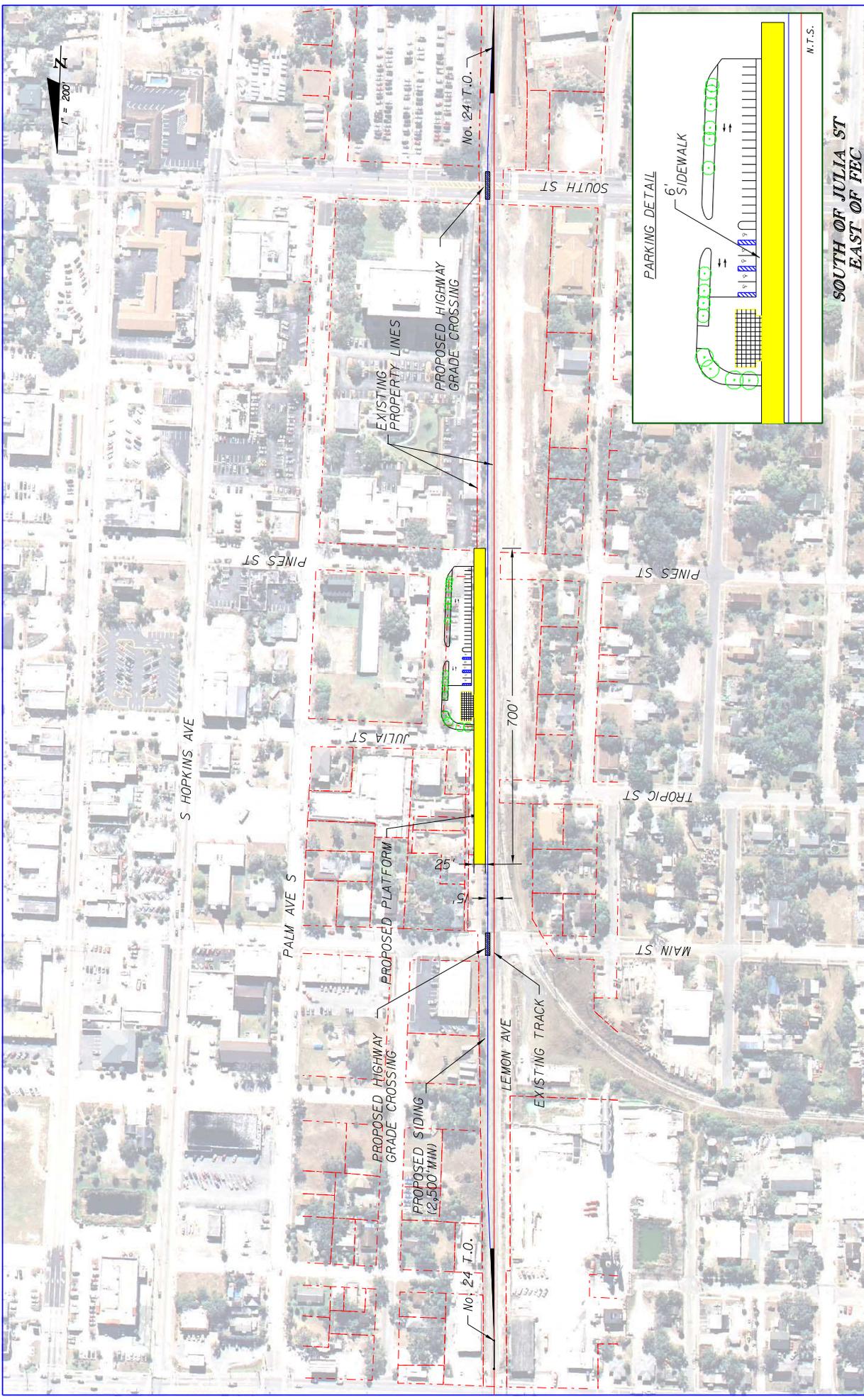
  

|                        |  |           |
|------------------------|--|-----------|
| CONPET PLAN            |  | SHEET NO. |
| DAYTONA AMTRAK STATION |  | 01        |
| ALTERNATE SITE 3       |  |           |



| REVISIONS |             | STATE OF FLORIDA   |                      |
|-----------|-------------|--|----------------------|
| DATE      | DESCRIPTION | DEPARTMENT OF TRANSPORTATION                               | ROAD NO.             |
|           |             | COUNTY   | FINANCIAL PROJECT ID |
|           |             | VOLUSIA  | - - - -              |
|           |             | 2/1/200  | 9:36:09 AM           |
|           |             | K:\Amtrak Stations 1-19-2010\2. Daytona\PLANR004.dgn       |                      |
|           |             | CONCEPT PLAN<br>DAYTONA AMTRAK STATION<br>ALTERNATE SITE 4 |                      |
|           |             | SHEET NO. 05   |                      |

1" = 200'



**SOUTH OF JULIA ST  
EAST OF FEC**

| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

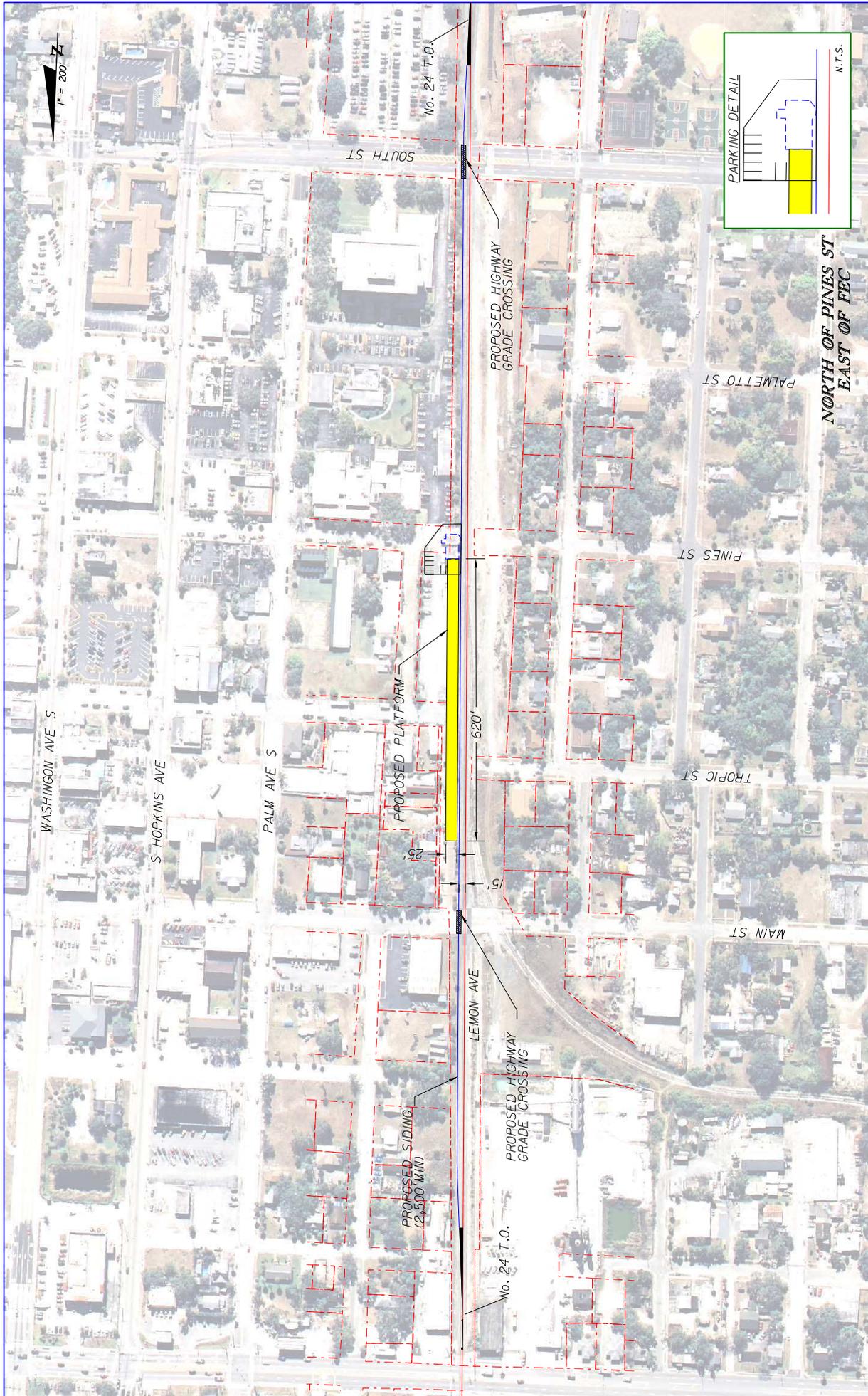
  

|                  |         |                              |  |
|------------------|---------|------------------------------|--|
| STATE OF FLORIDA |         | DEPARTMENT OF TRANSPORTATION |  |
| ROAD NO.         | COUNTY  | FINANCIAL PROJECT ID         |  |
|                  | BREVARD |          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

|           |    |
|-----------|----|
| SHEET NO. | 01 |
|-----------|----|

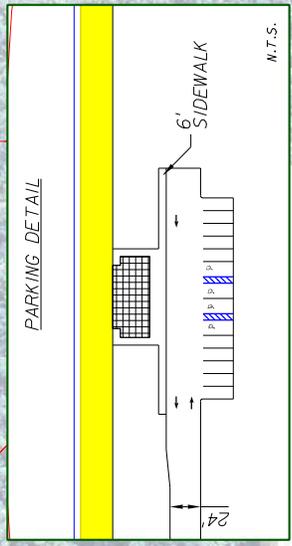
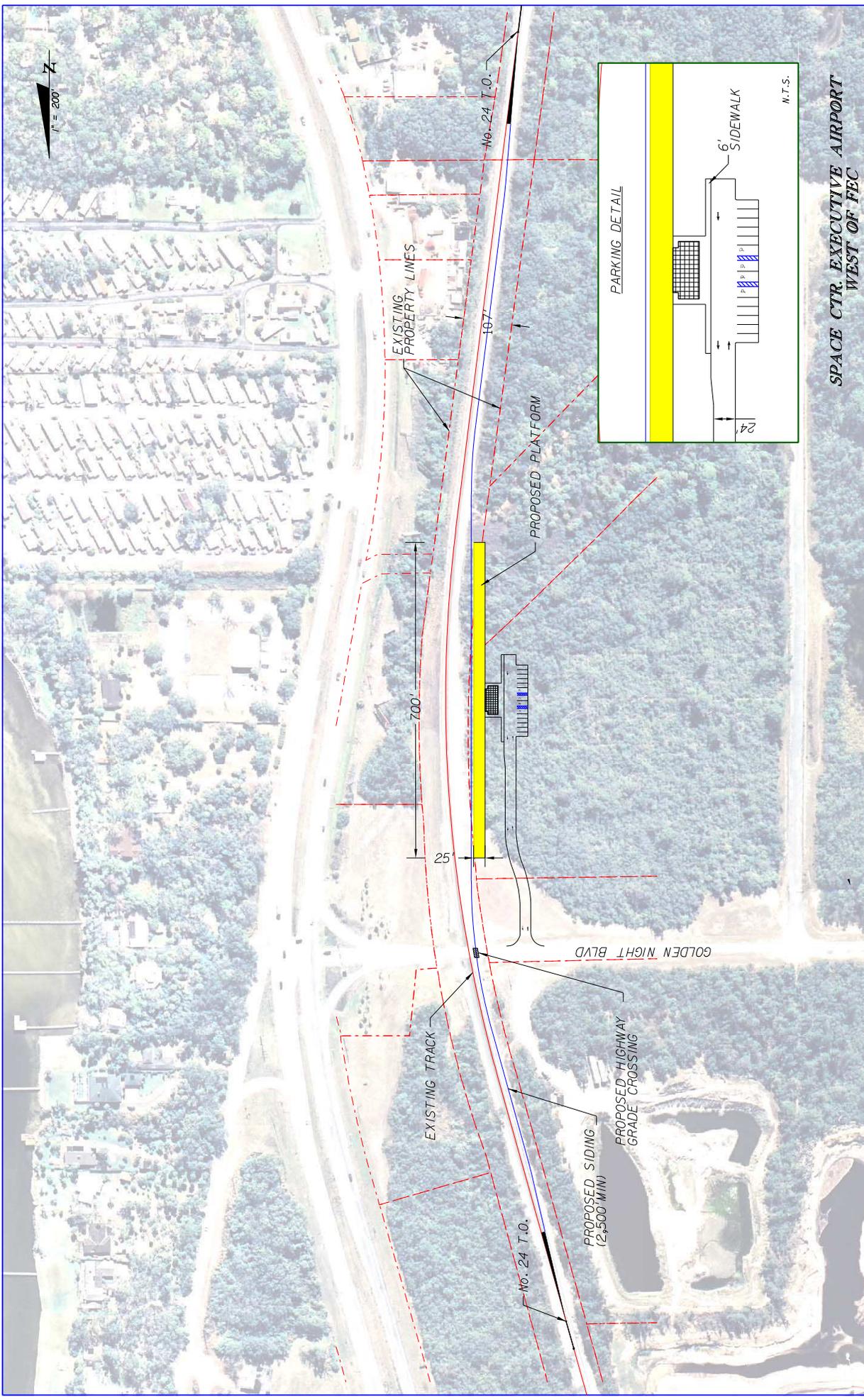
**CONCEPT PLAN  
TITUSVILLE AMTRAK STATION  
ALTERNATE SITE 1 (OPTION 1)**



| REVISIONS |             | STATE OF FLORIDA  |          | SHEET NO. |                      |
|-----------|-------------|---|----------|-----------|----------------------|
| DATE      | DESCRIPTION | DEPARTMENT OF TRANSPORTATION  | ROAD NO. | COUNTY    | FINANCIAL PROJECT ID |
|           |             |   |          |           |                      |
|           |             | <b>CONCEPT PLAN</b><br><b>TITUSVILLE AMTRAK STATION</b><br><b>ALTERNATE SITE 1 (OPTION 2)</b> |          |           |                      |
|           |             | K:\Amtrak Stations 1-19-2010\4_Titusville\PLANR001B.dgn<br>0:22:38 AM<br>2/3/200              |          |           |                      |
|           |             | 02<br>02  |          |           |                      |

emlywtrc.dgs0200

1" = 200'



**SPACE CTR. EXECUTIVE AIRPORT  
WEST OF FEC**

**CONCEPT PLAN  
TITUSVILLE AMTRAK STATION  
ALTERNATE SITE 2**

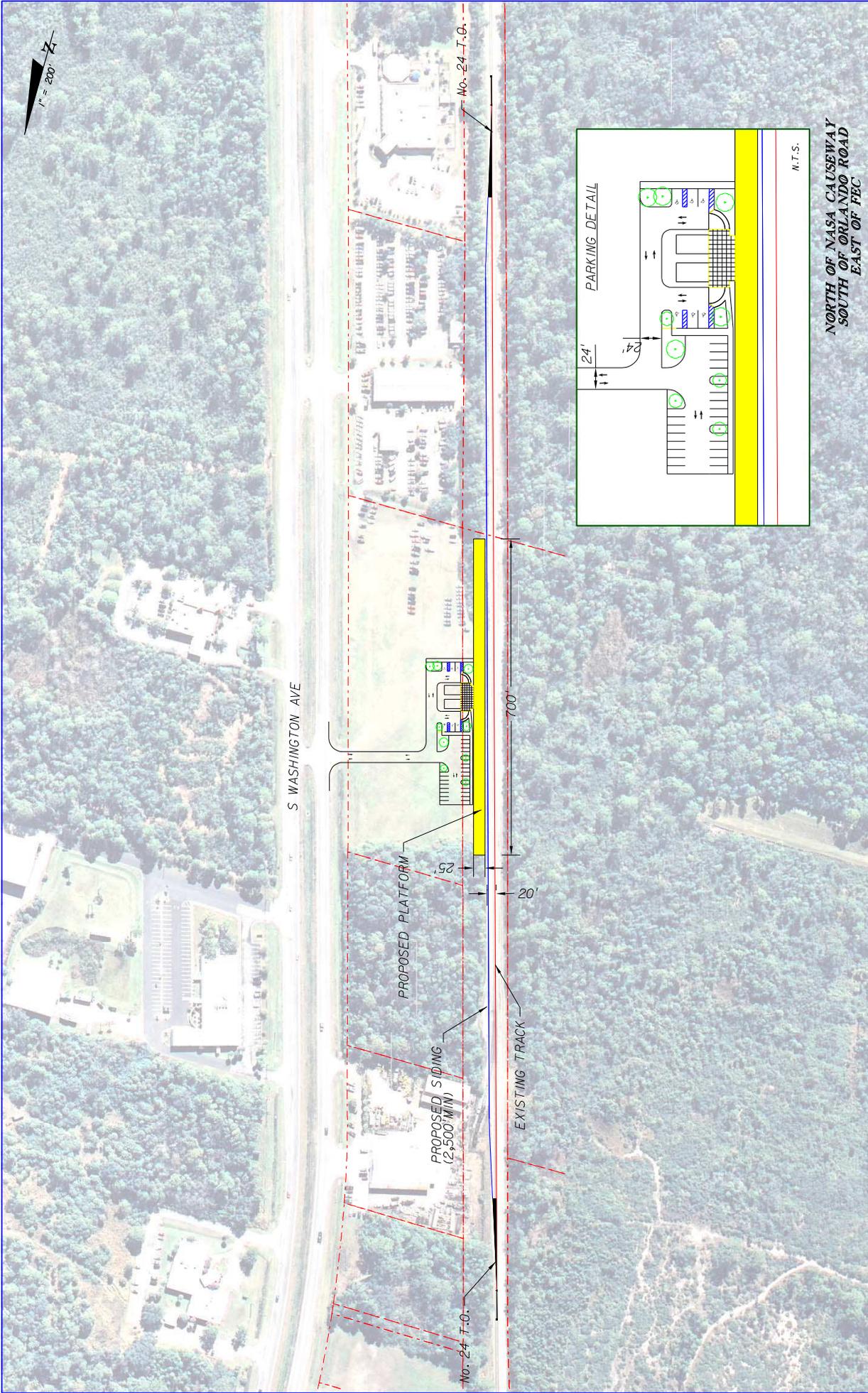
SHEET NO. 03

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

2/1/200 0:23:47 AM  
K:\Amtrak Stations 1-19-2004\Titusville\PLANR002.dgn

| REVISIONS |             |
|-----------|-------------|
| DATE      | DESCRIPTION |
|           |             |
|           |             |

emlywrtc.dgs@fla.gov



| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

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

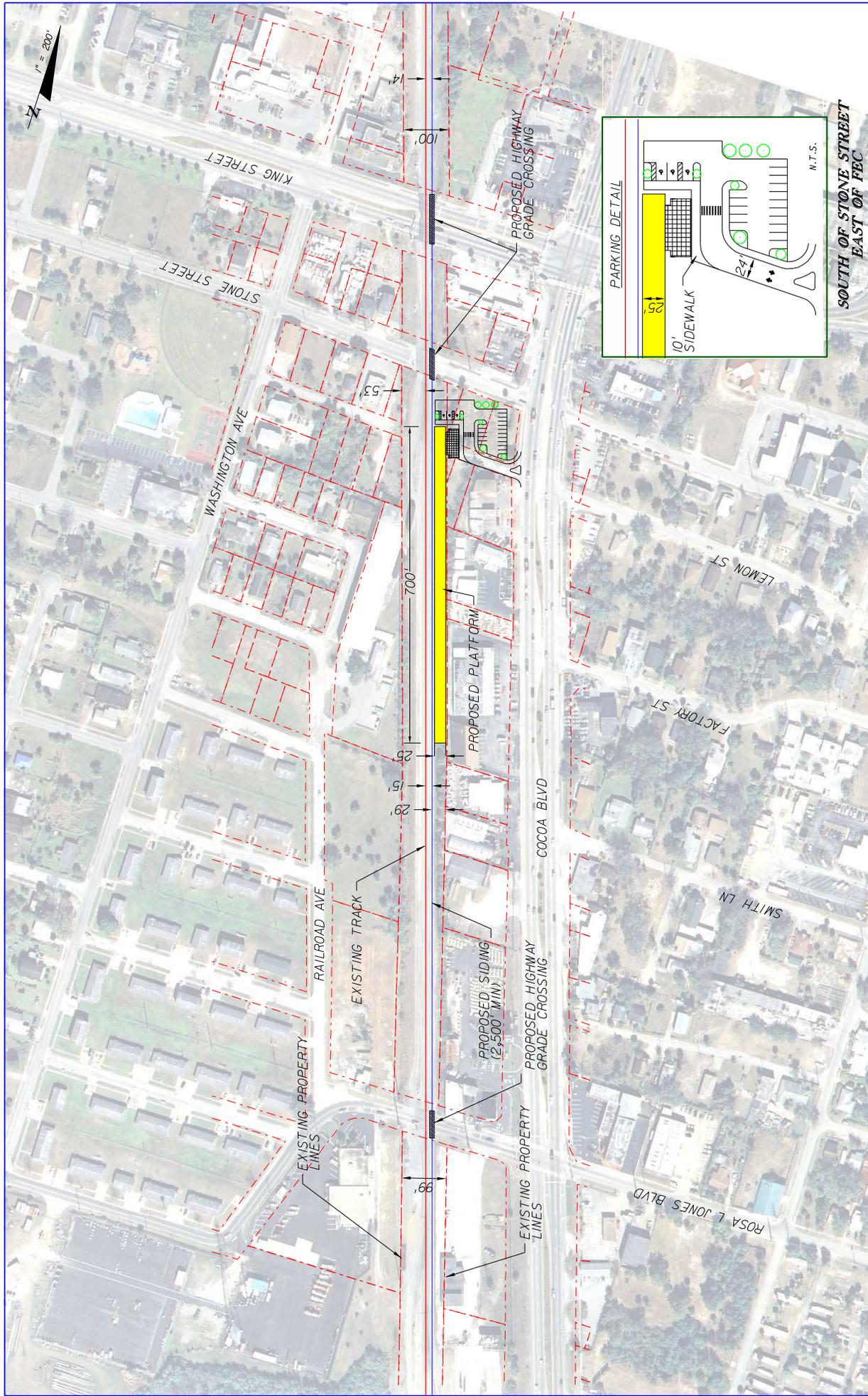
|         |            |  |  |
|---------|------------|--|--|
| 2/1/200 | 0:24:49 AM |  |  |
|---------|------------|--|--|

|  |  |   |  |
|--|--|---|--|
| NORTH OF NASA CAUSEWAY<br>SOUTH OF ORLANDO ROAD<br>EAST OF FEC |  | CONCEPT PLAN<br>TITUSVILLE AMTRAK STATION<br>ALTERNATE SITE 3 |  |
|  |  | SHEET NO. 04  |  |

K:\Amtrak Stations 1-19-2010\4. Titusville\PLANR003.dgn

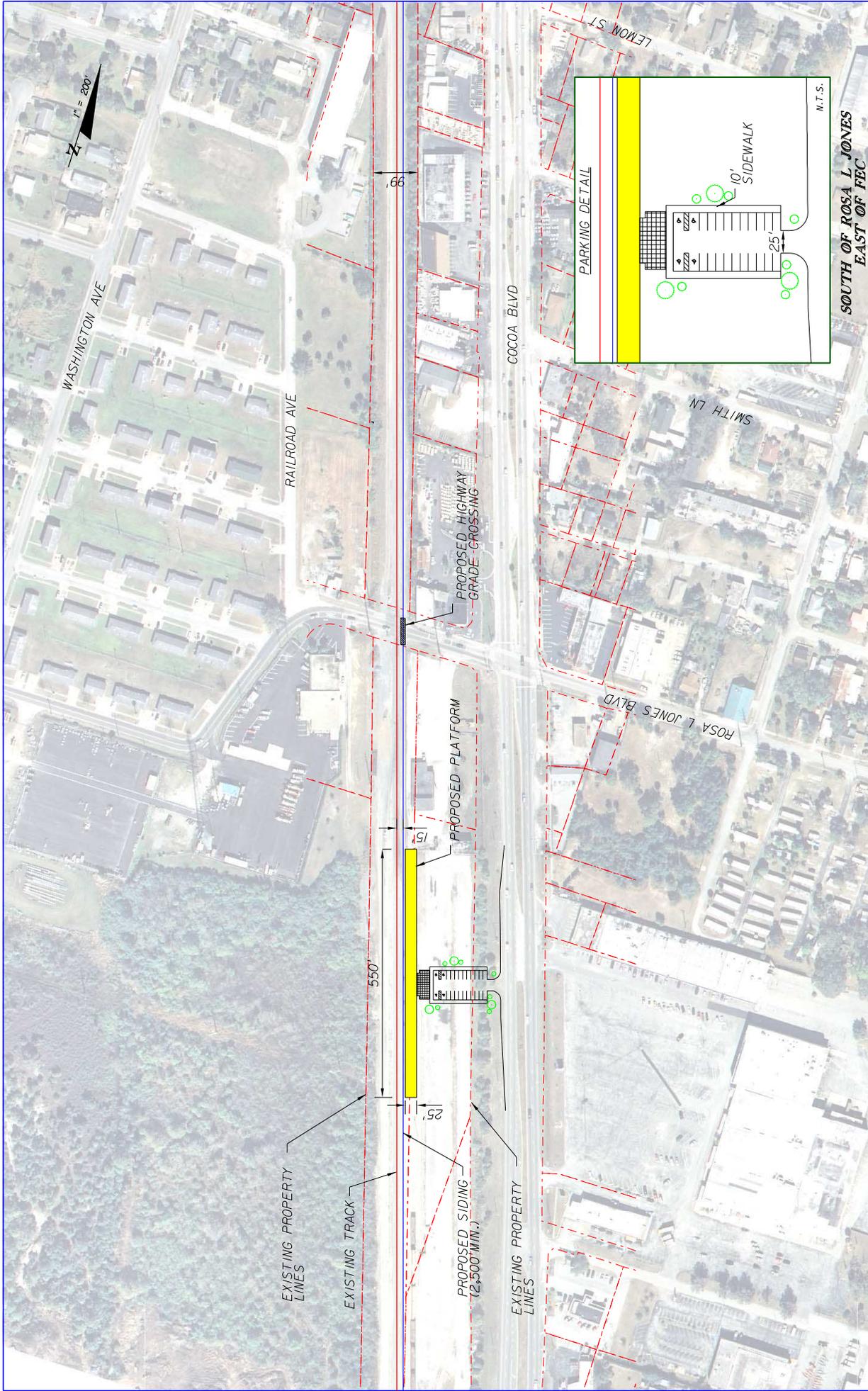
emlyw@tc.dgs.gov



| REVISIONS |             | STATE OF FLORIDA |                              | CONCEPT PLAN         |                      | SHEET            |     |
|-----------|-------------|------------------|------------------------------|----------------------|----------------------|------------------|-----|
| DATE      | DESCRIPTION | DESCRIPTION      | DEPARTMENT OF TRANSPORTATION | COCOA AMTRAK STATION | NO.                  | ALTERNATE SITE I | NO. |
|           |             |                  | ROAD NO.                     | COUNTY               | FINANCIAL PROJECT ID |                  |     |
|           |             |                  | BREVARD                      | BREVARD              |                      |                  | 01  |

SOUTH OF STONE STREET  
 EAST OF FEC

K:\Amtrak Stations 1-9-2003\_Cocoa\PLA\PRD01.dwg  
 2/1/200 9:58:19 AM  
 emlyw@fc.digitone



SOUTH OF ROSA L JONES  
EAST OF FEC

SHEET NO. 04

**CONCEPT PLAN  
COCOA AMTRAK STATION  
ALTERNATE SITE 3 (Option 2)**

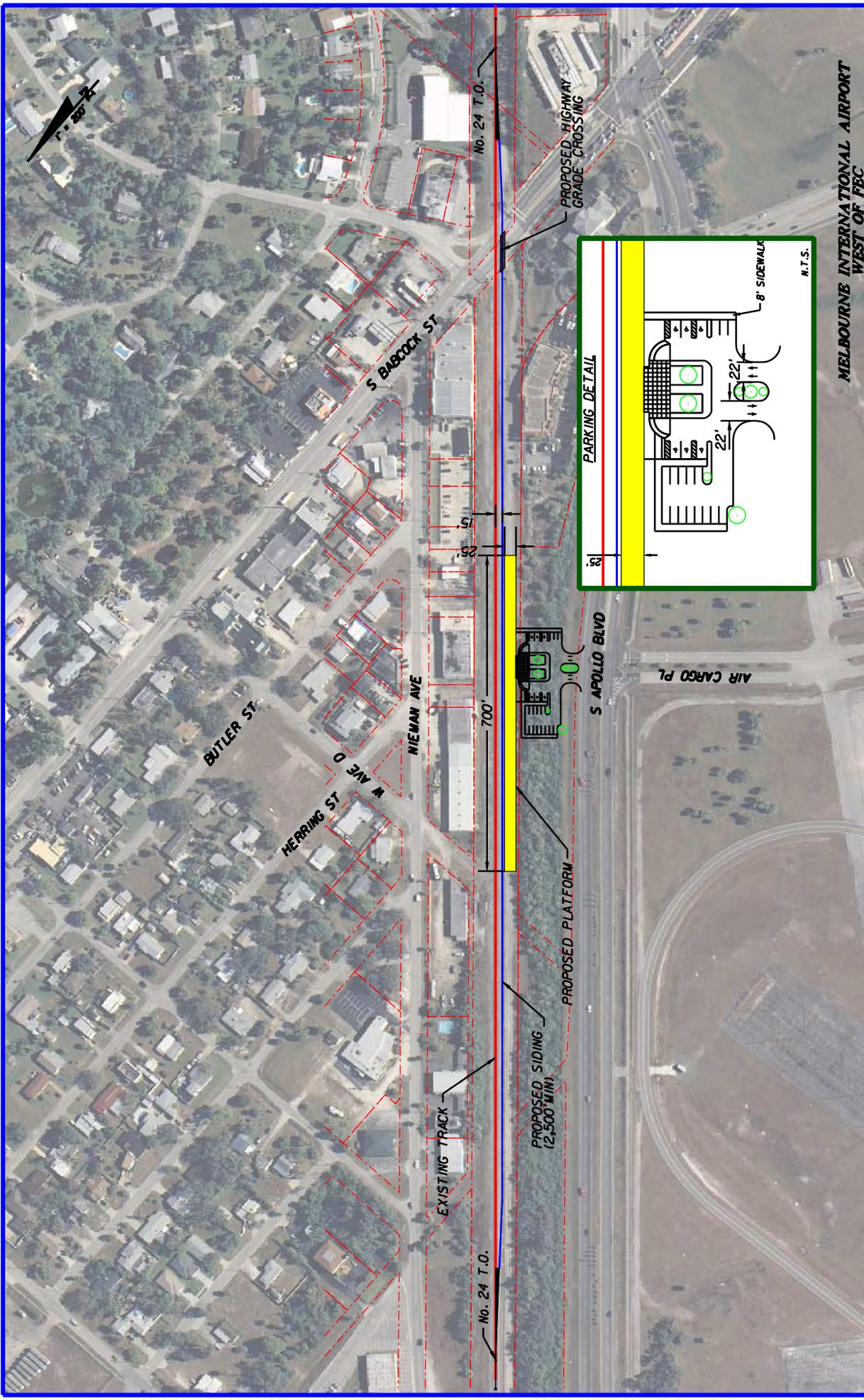
|                              |                      |
|------------------------------|----------------------|
| STATE OF FLORIDA             |                      |
| DEPARTMENT OF TRANSPORTATION |                      |
| ROAD NO.                     | FINANCIAL PROJECT ID |
| BREVARD                      |                      |

2/1/2010 05:28:03 AM

| REVISIONS |             |
|-----------|-------------|
| DATE      | DESCRIPTION |
|           |             |
|           |             |

K:\Amtrak Stations 1-19-2010\3. Cocoa\PLANR003-2.dwg

emlyw@fl.aegistone



MELBOURNE INTERNATIONAL AIRPORT  
WEST OF FBC

| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

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

|           |            |
|-----------|------------|
| 9/30/2009 | 8:05:53 PM |
|-----------|------------|

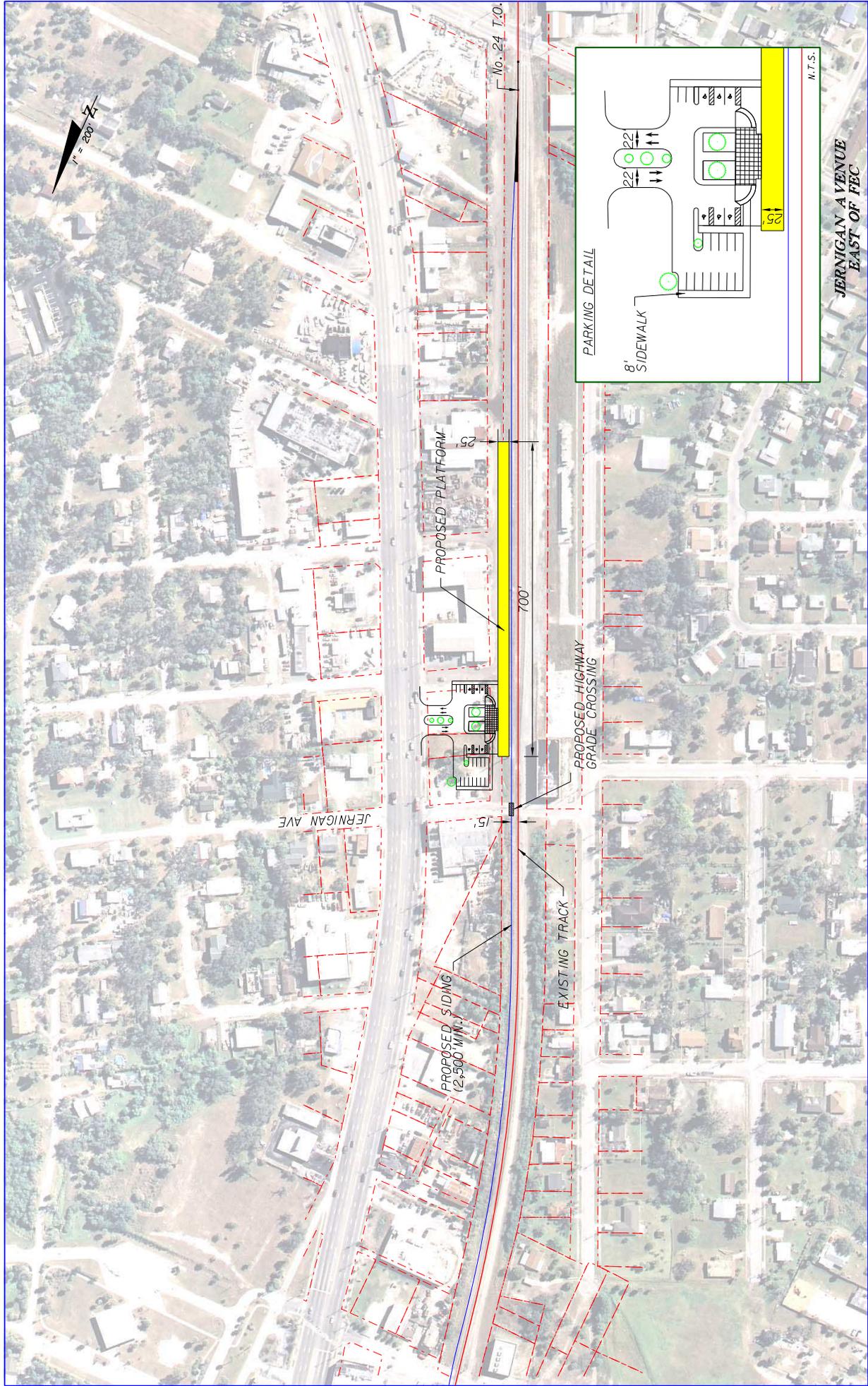
  

0610006

K:\V5153\_1.ec\amtrak stations\0011\plan\mvs\melbourne\p\LAHMD01.dgn

CONCEPT PLAN  
MELBOURNE AMTRAK STATION  
ALTERNATE SITE 1

SHEET NO. 01



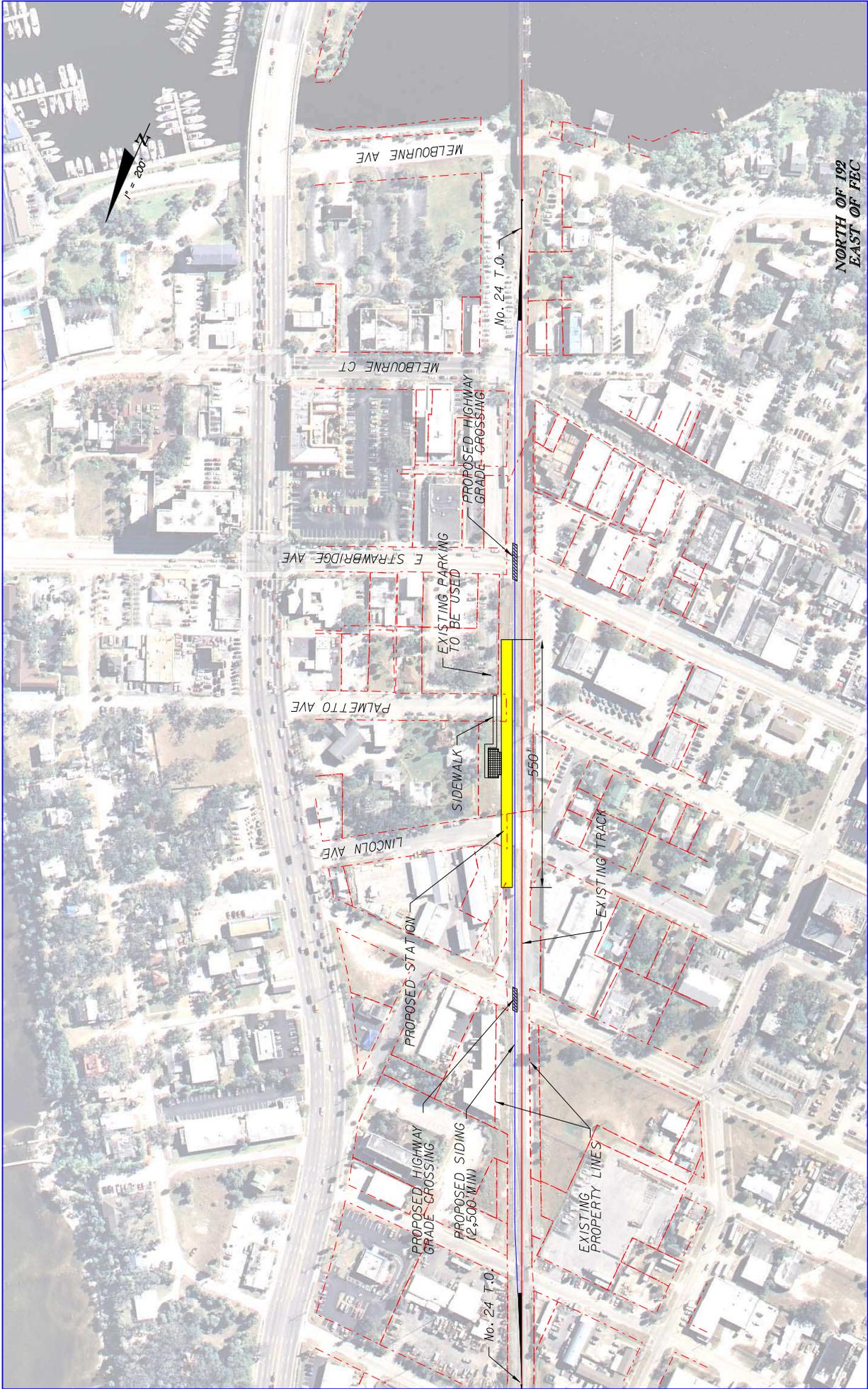
| DATE | DESCRIPTION | REVISIONS | DESCRIPTION | DATE |
|------|-------------|-----------|-------------|------|
|      |             |           |             |      |

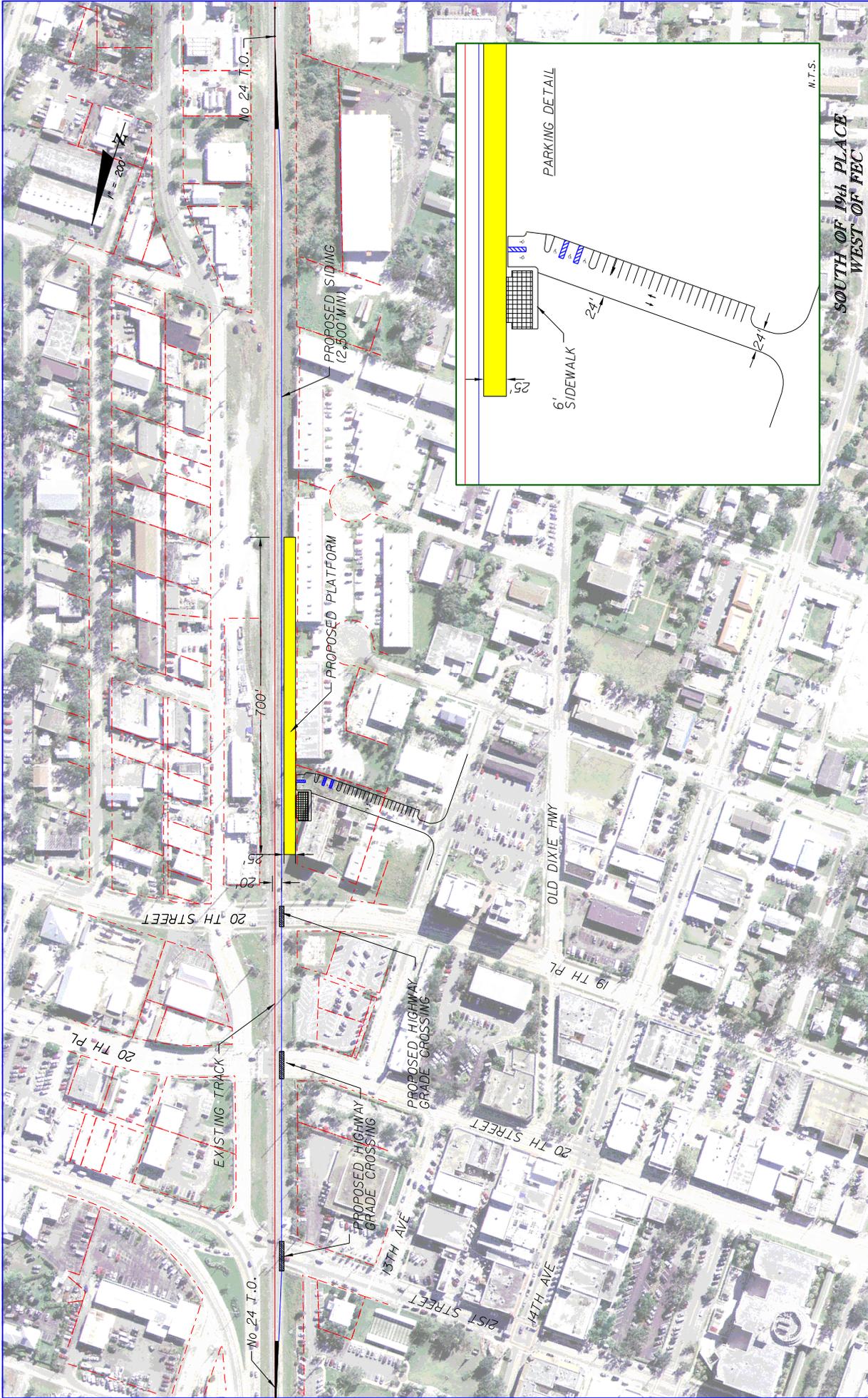
|                  |         |                              |  |
|------------------|---------|------------------------------|--|
| STATE OF FLORIDA |         | DEPARTMENT OF TRANSPORTATION |  |
| ROAD NO.         | COUNTY  | FINANCIAL PROJECT ID         |  |
|                  | BREVARD |          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

|           |    |
|-----------|----|
| SHEET NO. | 02 |
|-----------|----|



| REVISIONS |             | STATE OF FLORIDA   |          | SHEET NO. |                      |
|-----------|-------------|--|----------|-----------|----------------------|
| DATE      | DESCRIPTION | DEPARTMENT OF TRANSPORTATION                                 | ROAD NO. | COUNTY    | FINANCIAL PROJECT ID |
|           |             | BREVARD  |          |           |                      |
|           |             | #0506 14   |          | 2/3/200   |                      |
|           |             | K:\Amtrak Stations 1-19-2010\5. Melbourne\PLANR003.dgn       |          |           |                      |
|           |             | Melbourne, Florida   |          |           |                      |
|           |             | CONCEPT PLAN<br>MELBOURNE AMTRAK STATION<br>ALTERNATE SITE 3 |          |           |                      |
|           |             | NORTH OF 192<br>EAST OF FEC                                  |          |           |                      |
|           |             | No. 24 T.O.  |          |           |                      |
|           |             | No. 24 T.O.  |          |           |                      |

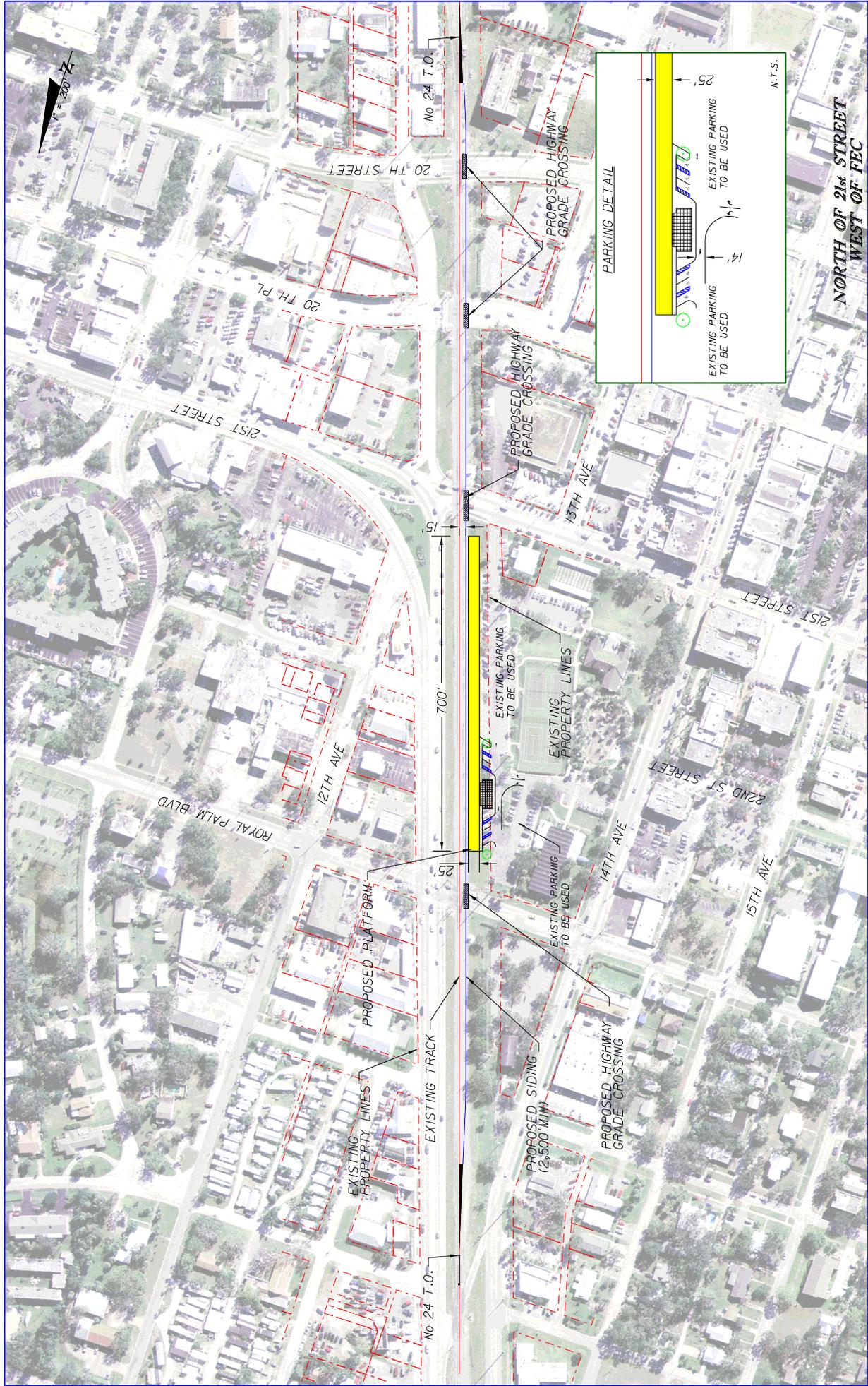


| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
 ROAD NO. \_\_\_\_\_ COUNTY \_\_\_\_\_ FINANCIAL PROJECT ID \_\_\_\_\_  
 INDIAN RIVER \_\_\_\_\_

**CONCEP PLAN  
 VERO BEACH AMTRAK STATION  
 ALTERNATE SITE 2**

SHEET NO. 02

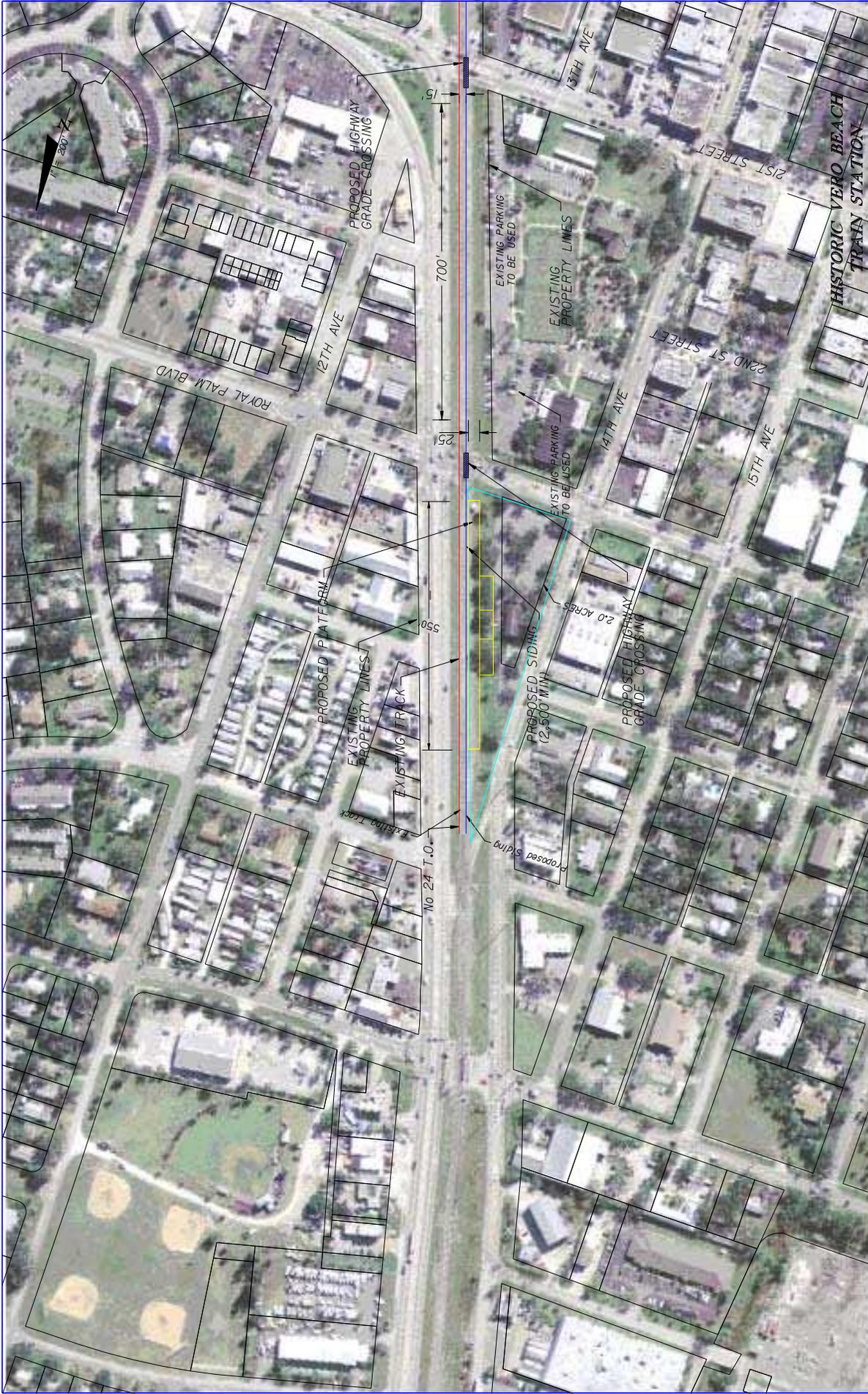


| REVISIONS |             | STATE OF FLORIDA             |              | SHEET NO.            |    |
|-----------|-------------|------------------------------|--------------|----------------------|----|
| DATE      | DESCRIPTION | DEPARTMENT OF TRANSPORTATION |              | NO.                  |    |
|           |             | ROAD NO.                     | COUNTY       | FINANCIAL PROJECT ID |    |
|           |             |                              | INDIAN RIVER |                      | 01 |
|           |             |                              |              |                      |    |

**CONCEPT PLAN  
VERO BEACH AMTRAK STATION  
ALTERNATE SITE 1**

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
INDIAN RIVER COUNTY

2/3/2006  
11:40:32 AM  
K:\amtrak\stations\1-19-2010\6\_Vero Beach\PLANR001.dgn



| DATE | DESCRIPTION | DATE | DESCRIPTION |
|------|-------------|------|-------------|
|      |             |      |             |

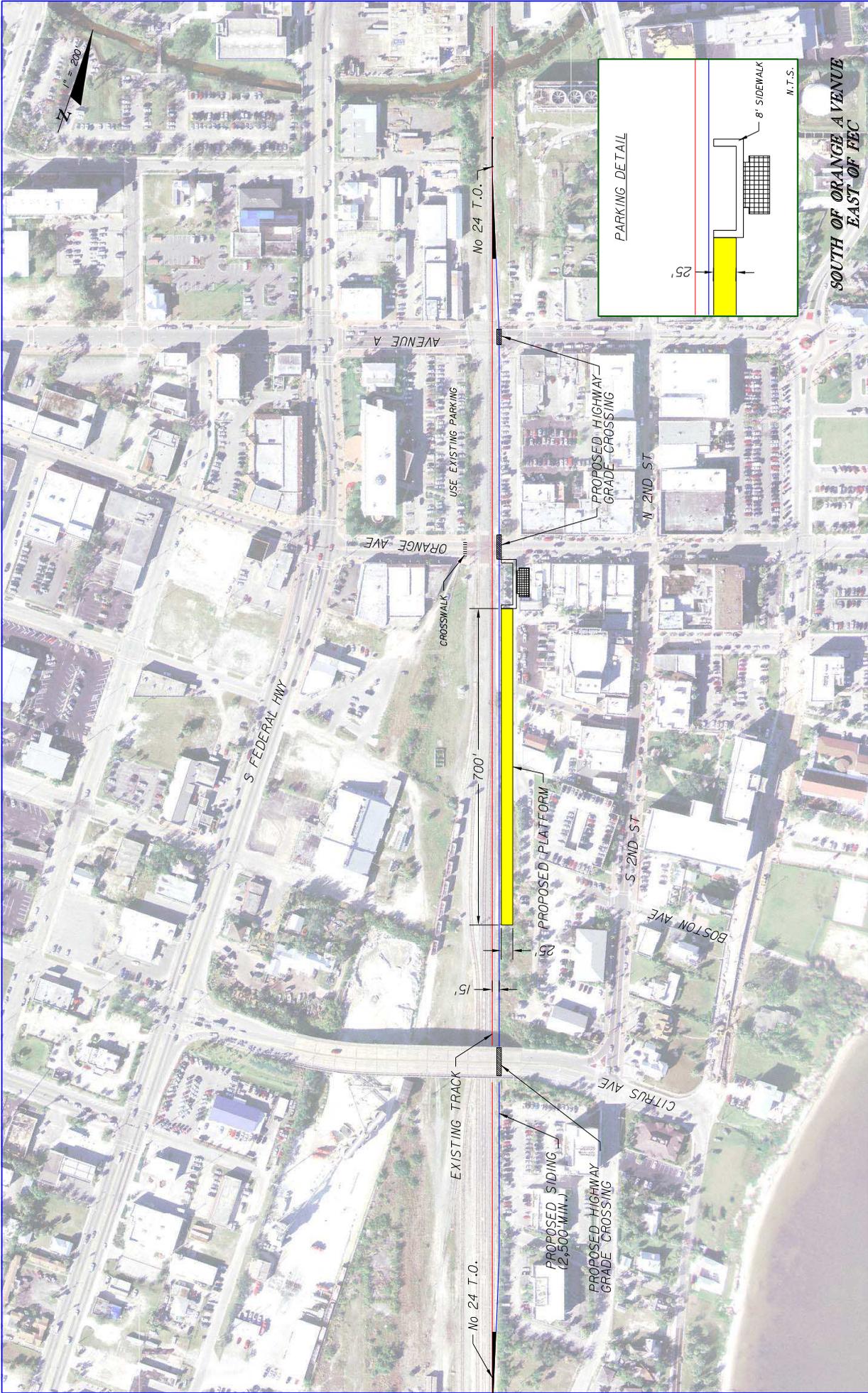
|                  |        |                              |  |
|------------------|--------|------------------------------|--|
| STATE OF FLORIDA |        | DEPARTMENT OF TRANSPORTATION |  |
| ROAD NO.         | COUNTY | FINANCIAL PROJECT ID         |  |
|                  |        |               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

|   |  |           |    |
|---|--|-----------|----|
| CONCEPT PLAN<br>VERO BEACH AMTRAK STATION<br>ALTERNATE SITE I |  | SHEET NO. | 01 |
|---|--|-----------|----|

T:\ETDM\District 4\ETDM Projects\Amtrak Project\VEC Amtrak - Stations\From\_email 02-19-10\PLAN\RD01 New.dwg.dgn

PAW/JPW 2/22/2000 2:59:02 PM



| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
|      |             |           |      |             |

|                  |        |                              |  |
|------------------|--------|------------------------------|--|
| STATE OF FLORIDA |        | DEPARTMENT OF TRANSPORTATION |  |
| ROAD NO.         | COUNTY | FINANCIAL PROJECT ID         |  |
| ST LUCIE         |        |                              |  |

|                             |  |
|-----------------------------|--|
| CONCEPT PLAN                |  |
| FORT PIERCE AMTRAK STATION  |  |
| ALTERNATE SITE 1 (Option D) |  |

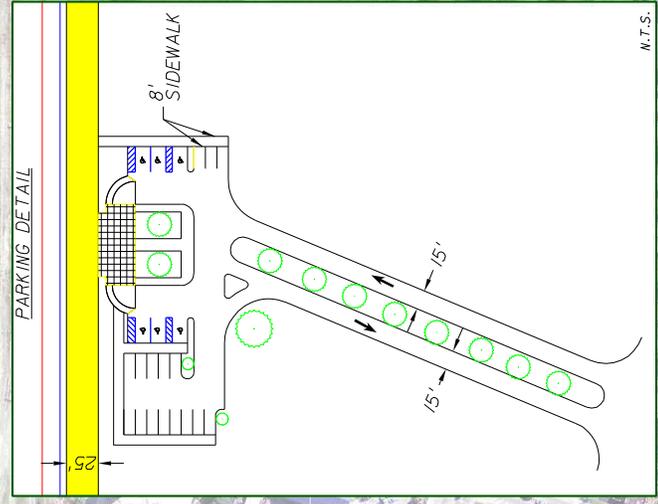
  

|           |    |
|-----------|----|
| SHEET NO. | 01 |
|-----------|----|

K:\Amtrak Stations\1-9-2010\VT.FortPierce\PLANRD01-1.dgn

2/3/200 #15515.W

emlyw@tda.com



| DATE | DESCRIPTION | REVISIONS | DATE | DESCRIPTION |
|------|-------------|-----------|------|-------------|
|      |             |           |      |             |

|                  |  |                              |  |
|------------------|--|------------------------------|--|
| STATE OF FLORIDA |  | DEPARTMENT OF TRANSPORTATION |  |
| COUNTY           |  | FINANCIAL PROJECT ID         |  |
| ST LUCIE         |  |                              |  |
|                  |  |                              |  |

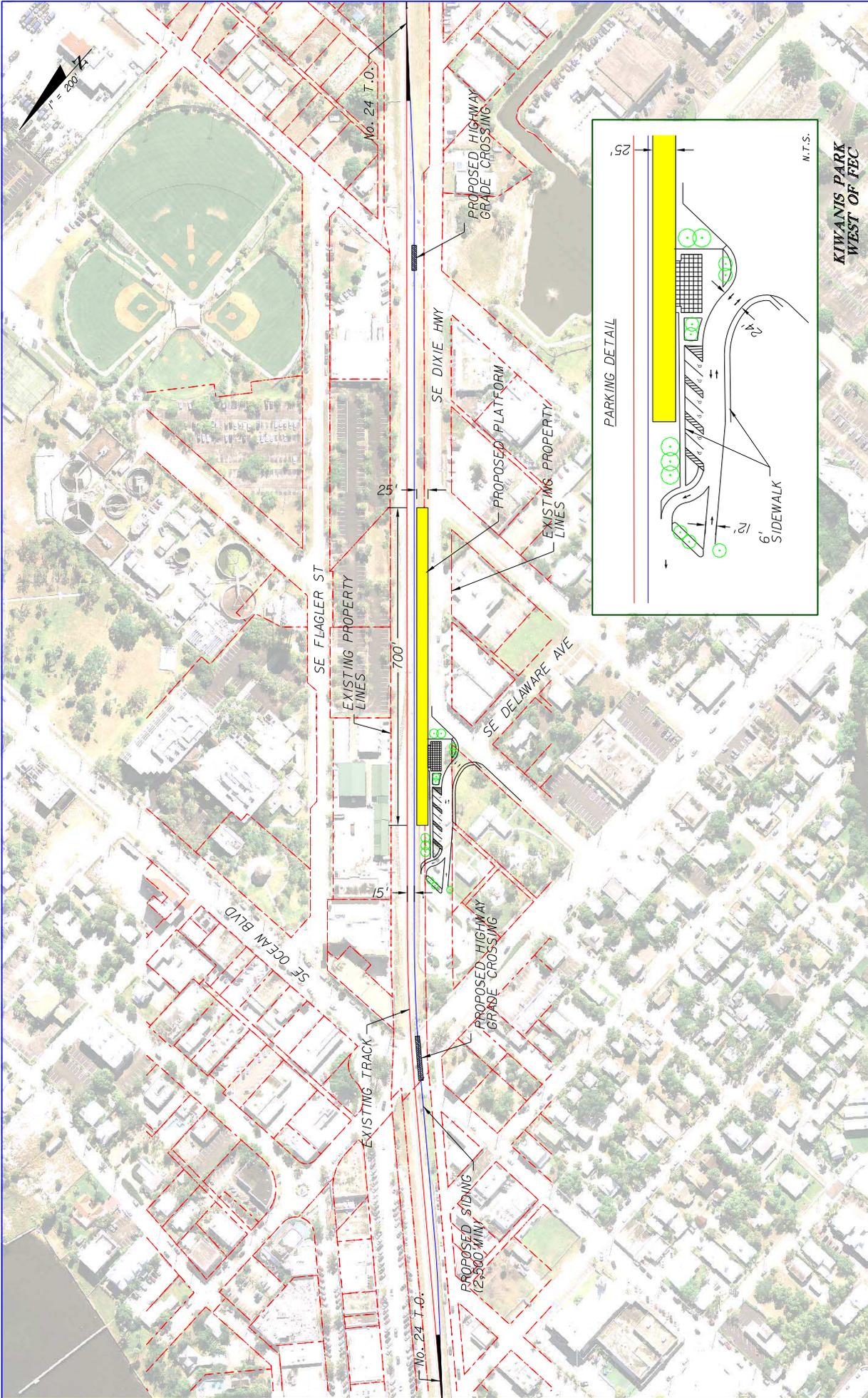
|           |    |
|-----------|----|
| SHEET NO. | 02 |
|-----------|----|

**CONCEPT PLAN  
FORT PIERCE AMTRAK STATION  
ALTERNATE SITE 1 (Option 2)**

K:\Amtrak Stations 1-9-2007 - Fort Pierce\PLANR001-2.dgn

2/1/2008 11:56:52 AM

emh@flra.gov



KIWANIS PARK  
WEST OF FEC

| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

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

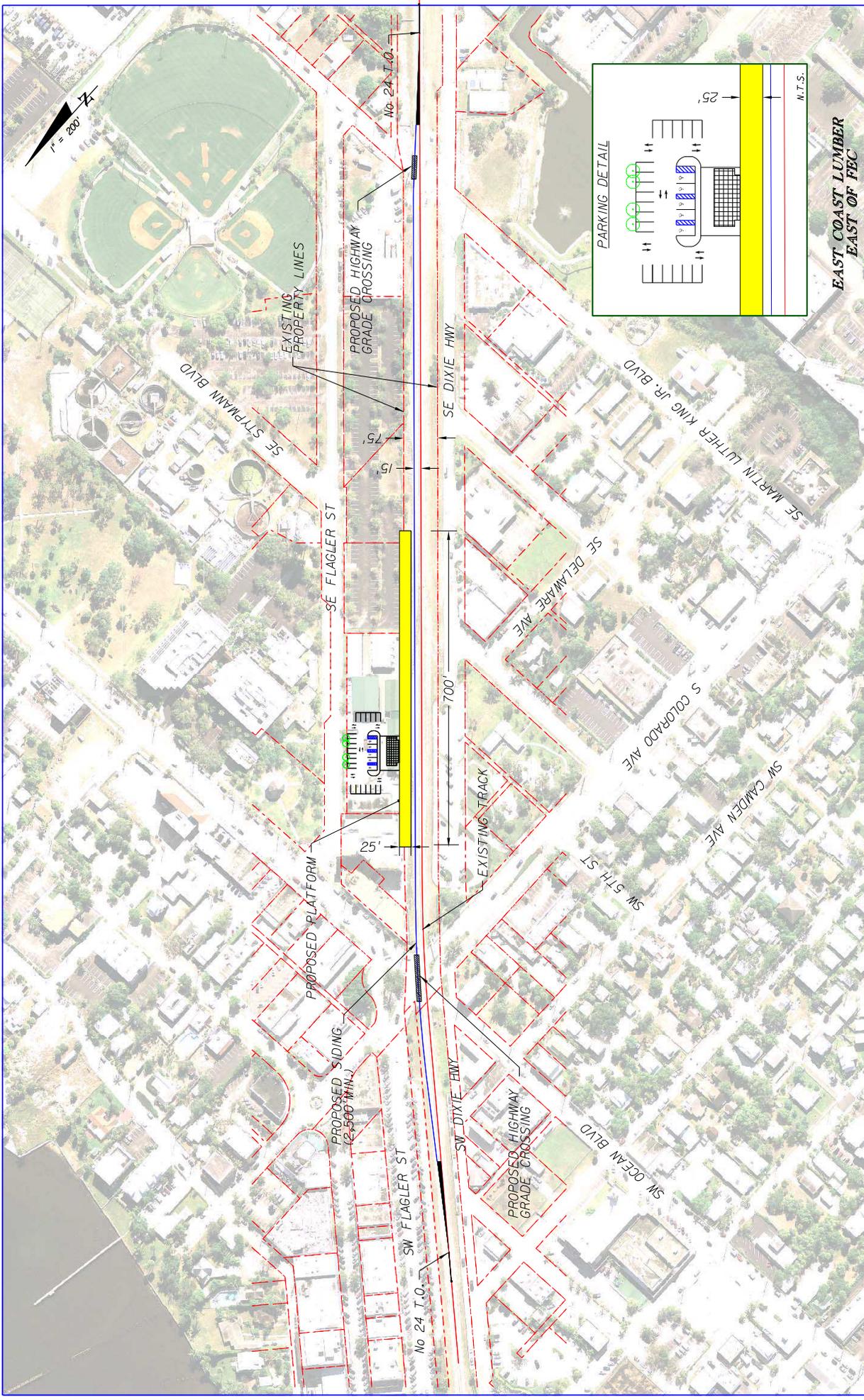
|           |    |
|-----------|----|
| SHEET NO. | 01 |
|-----------|----|

**CONCEPT PLAN  
STUART AMTRAK STATION  
ALTERNATE SITE 1**

K:\Amtrak Stations 1-19-2010\8\_Stuart\PLANR001.dgn

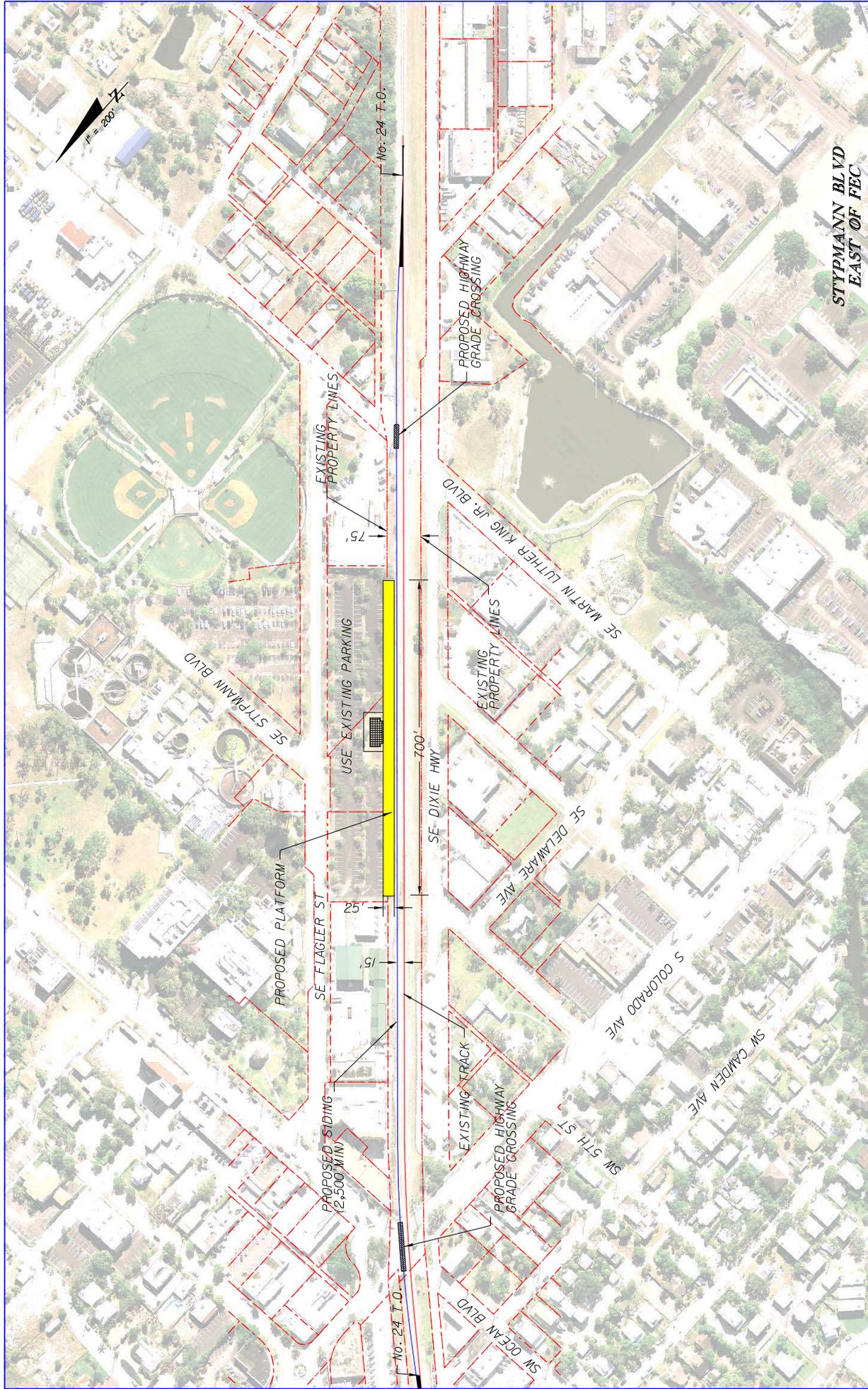
2/1/2010 11:08 PM

emlyw@fc.com



| REVISIONS |             | STATE OF FLORIDA             |              | SHEET NO.   |    |
|-----------|-------------|------------------------------|--------------|---|----|
| DATE      | DESCRIPTION | DEPARTMENT OF TRANSPORTATION | CONCEPT PLAN |   | 02 |
| DATE      | DESCRIPTION | ROAD NO.                     | COUNTY       | FINANCIAL PROJECT ID                                |    |
|           |             |                              | MARTIN       |   |    |
|           |             | 2/3/2008                     |              | K:\Amtrak Stations 1-19-2010\8 - Stuart\PLANR02.dgn |    |

EAST COAST LUMBER  
 EAST OF FEC



| DATE | DESCRIPTION | REVISIONS | DESCRIPTION |
|------|-------------|-----------|-------------|
| DATE | DESCRIPTION | DATE      | DESCRIPTION |
|      |             |           |             |
|      |             |           |             |

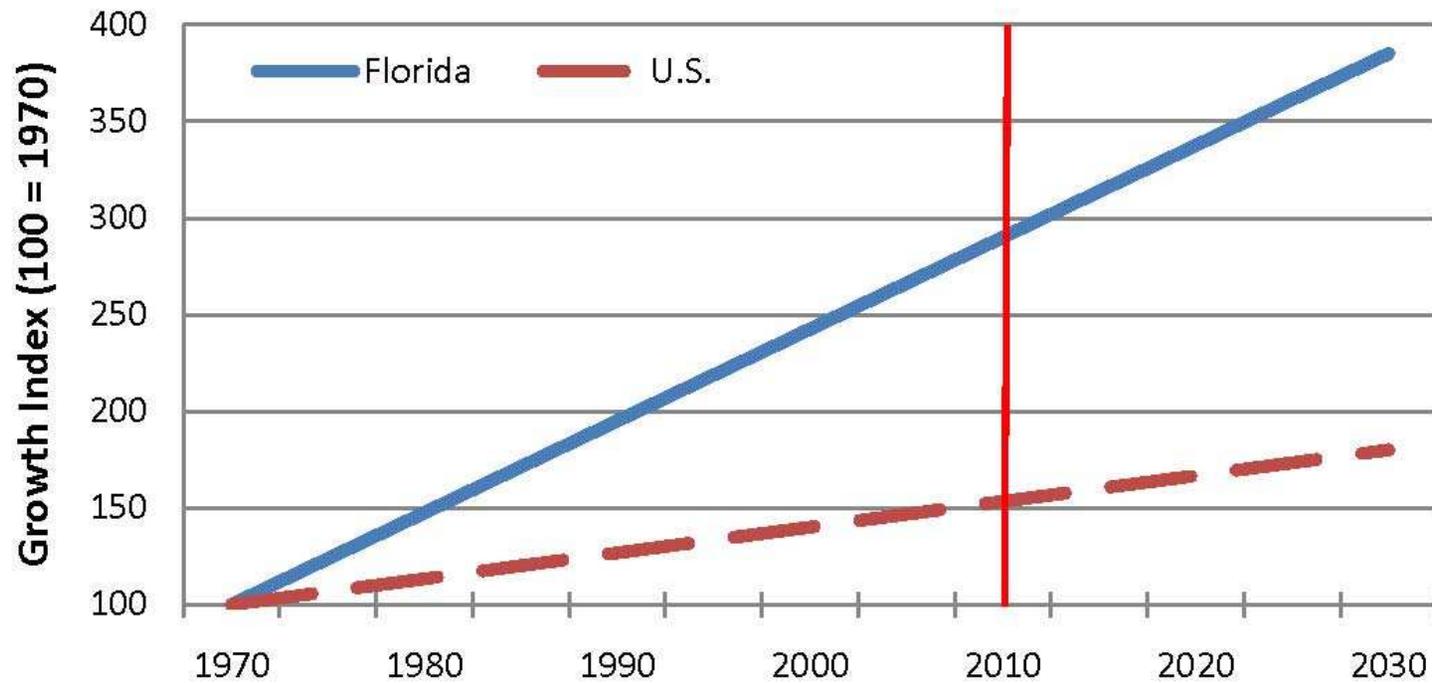
|                  |        |                              |  |
|------------------|--------|------------------------------|--|
| STATE OF FLORIDA |        | DEPARTMENT OF TRANSPORTATION |  |
| ROAD NO.         | COUNTY | FINANCIAL PROJECT ID         |  |
|                  | MARTIN |               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

|  |    |
|--|----|
| SHEET NO.  | 03 |
| CONCPET PLAN<br>STUART AMTRAK STATION<br>ALTERNATE SITE 2 (option 2) |    |

## P&N Statement Attachment A

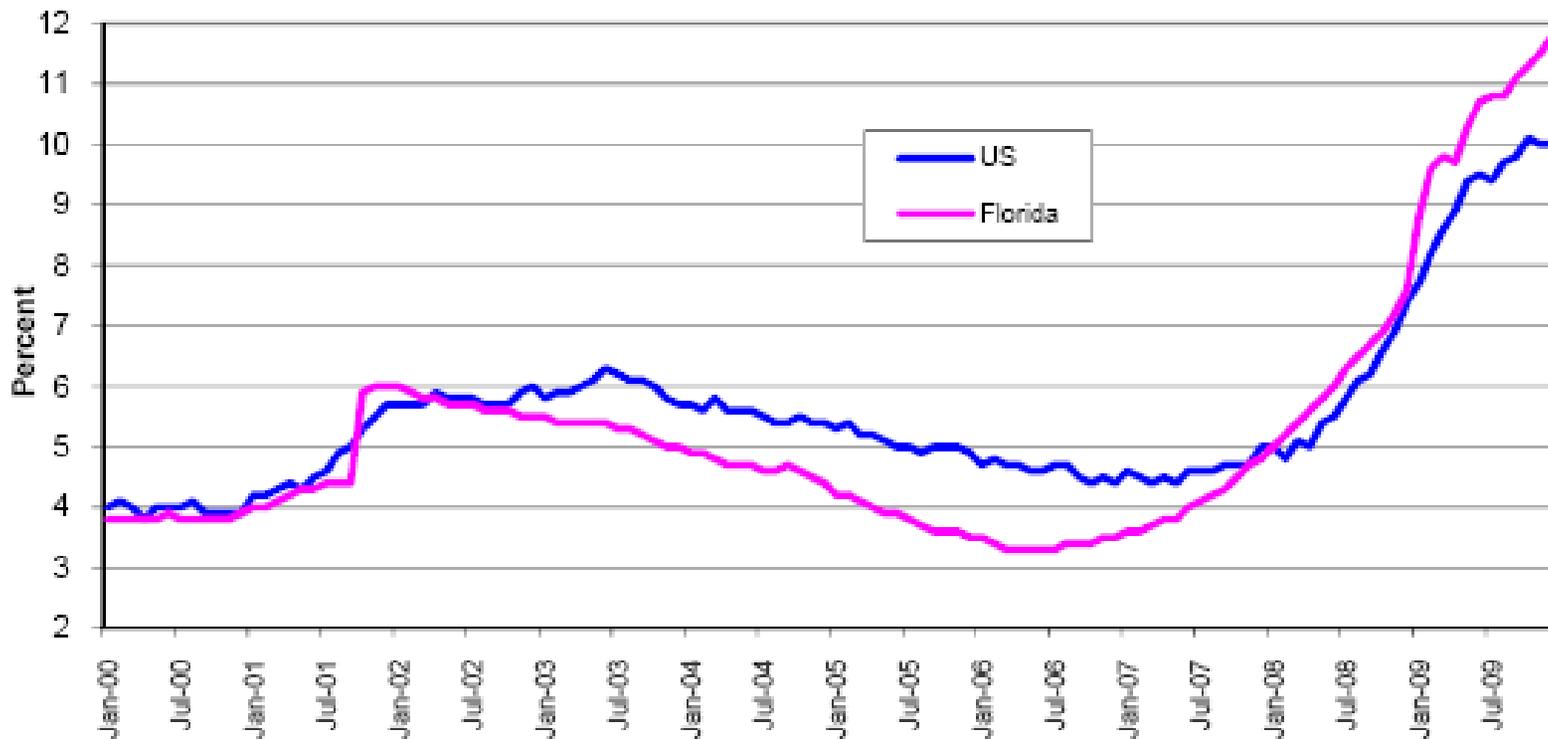
### Projected Population Growth, Florida vs. US



Source: U.S. Census Bureau and Florida Office of Economic and Demographic Research.

## P&N Statement Attachment B

United States and Florida Unemployment Rates (seasonally adjusted)



Source: Florida Agency for Workforce Innovation, Labor Market Statistics Center, Local Area Unemployment Statistics Program, in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.