



REPORT ON THE “HIGHWAY–RAIL GRADE CROSSING DIAGNOSTICS” MEETING – MARCH 6, 2014

Review of the six at grade crossings in
the City of Fort Pierce

Prepared By:
Fort Pierce Engineering Department

March 10, 2014

Crossing Diagnostics Meeting Summary

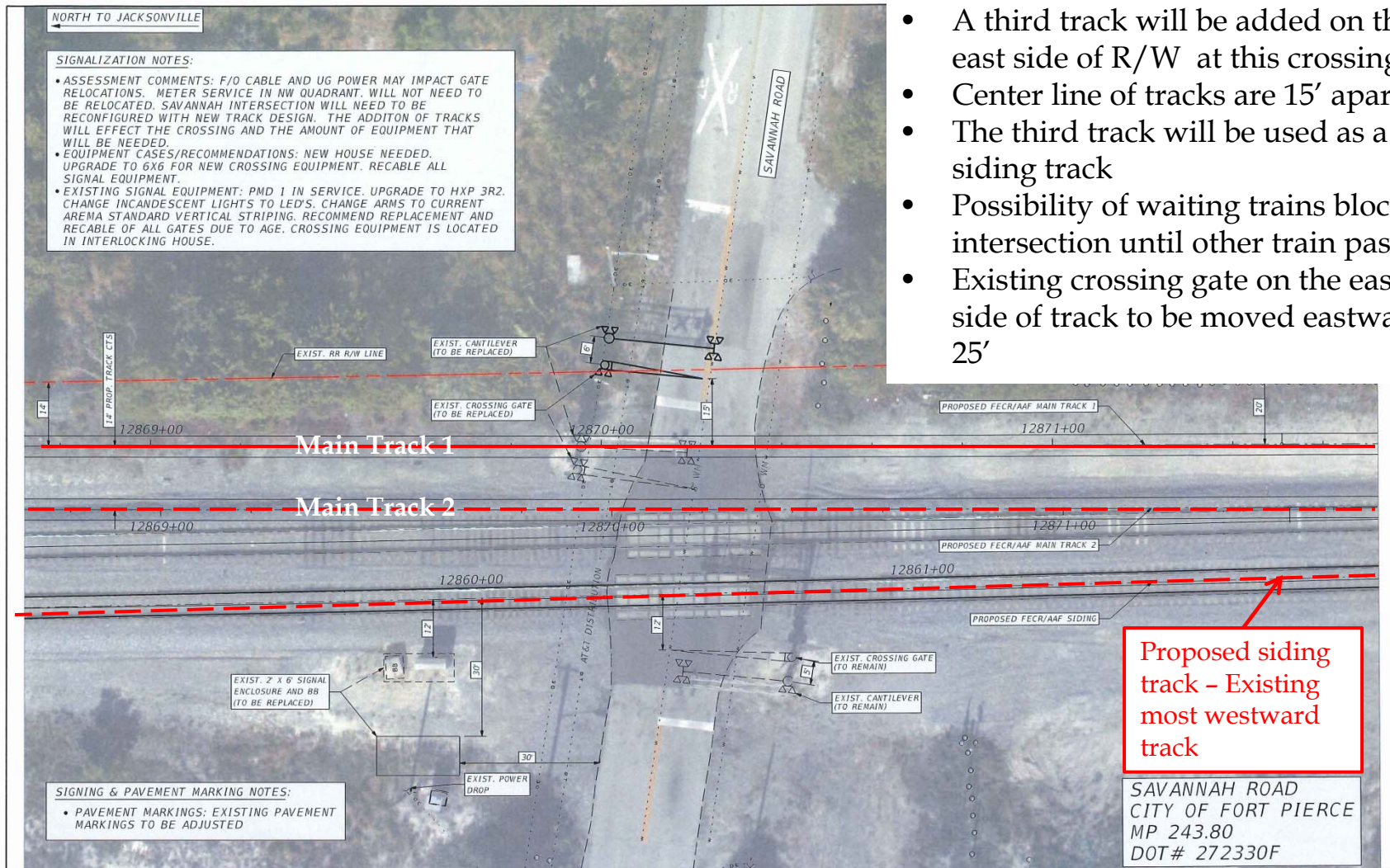
- ▣ The Engineering and Public Works Departments met with representatives from:
 - All Aboard Florida
 - Florida East Coast Railway
 - Florida Department of Transportation
 - Federal Railroad Administration

- ▣ Each crossing was field inspected and notations made to the 30% design plans

- ▣ Following is a brief summary of each crossing.

Crossing Diagnostics Meeting Summary

▣ Savannah Road Crossing – (110 mph)



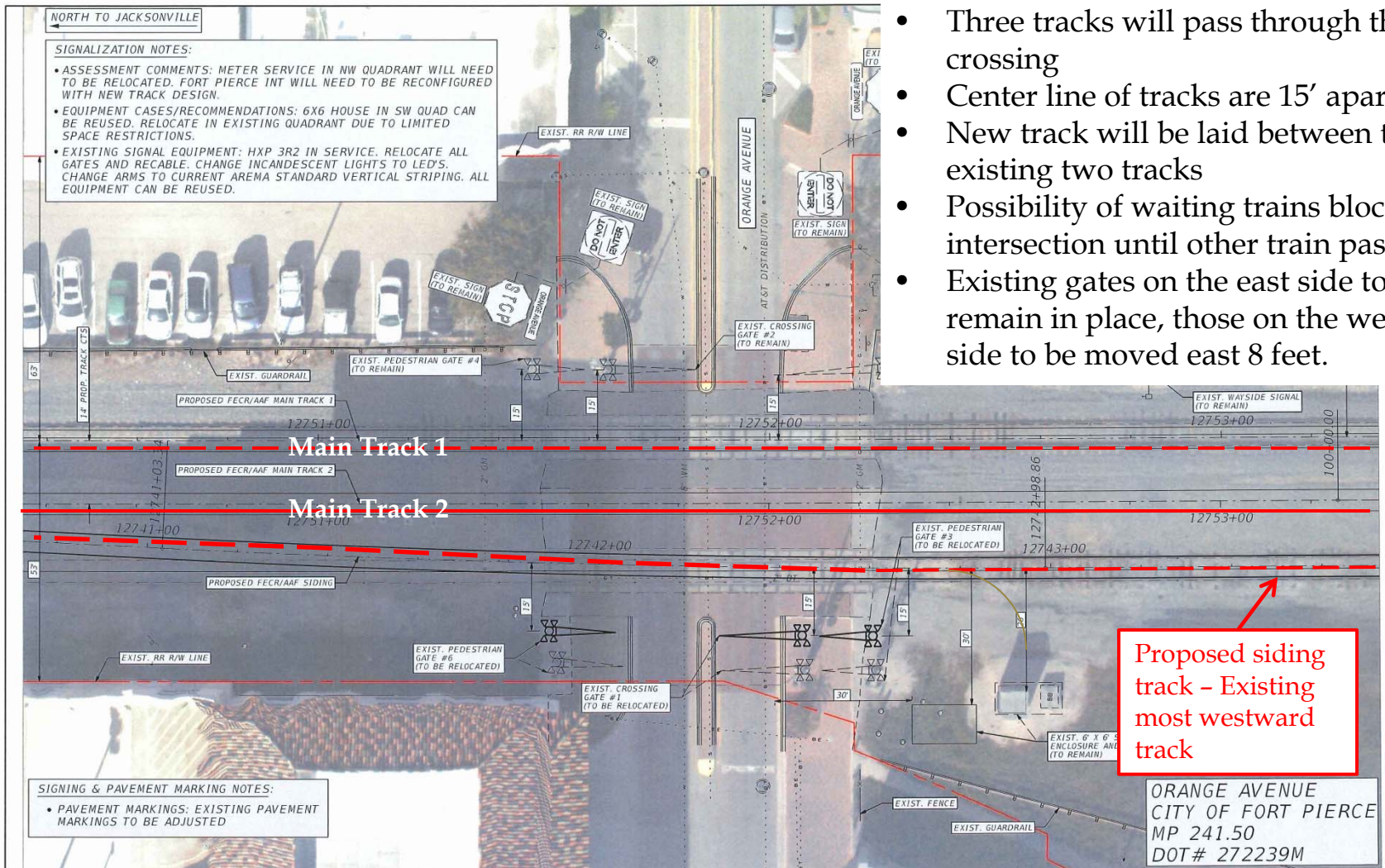
- A third track will be added on the east side of R/W at this crossing
- Center line of tracks are 15' apart
- The third track will be used as a siding track
- Possibility of waiting trains blocking intersection until other train passes
- Existing crossing gate on the east side of track to be moved eastward 25'

DATE		REVISIONS		DESCRIPTION	

URS CORPORATION SOUTHERN 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION EB 00000002					SIGNING & PAVEMENT MARKING / SIGNALIZATION PLAN	SCALE: 1"=20' 2/27/2014	SHEET NO. 20-D
AAAF CONTRACT	SECTION	COUNTY	SAVANNAH	ST. LUCIE	3/27/2014 2:07:24 PM ...CADD\PLANS\PLANS0272330F.DWG		

Crossing Diagnostics Meeting Summary

Orange Avenue Crossing - (40 to 50 mph)

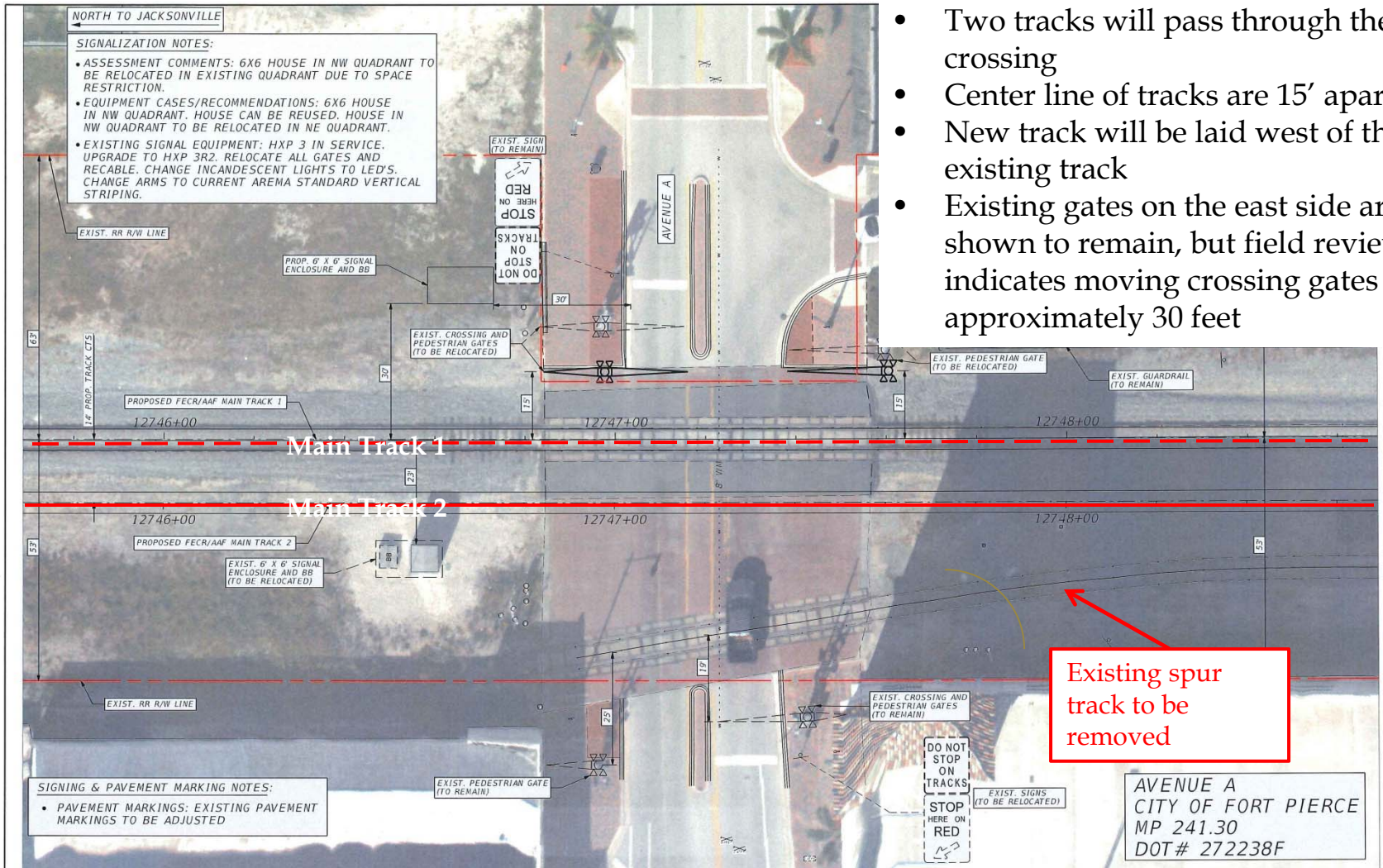


- Three tracks will pass through the crossing
- Center line of tracks are 15' apart
- New track will be laid between the existing two tracks
- Possibility of waiting trains blocking intersection until other train passes
- Existing gates on the east side to remain in place, those on the west side to be moved east 8 feet.

DATE		REVISIONS		DESCRIPTION		ALL ABOARD FLORIDA			SIGNING & PAVEMENT MARKING / SIGNALIZATION PLAN		SCALE: T=20'	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	AAFC CONTRACT	SECTION	COUNTY	ORANGE	ST. LUCIE			2/27/2014	19-D
				URS CORPORATION SOUTHERN 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION EB 00000002								

Crossing Diagnostics Meeting Summary

□ Avenue A Crossing- (40 to 50 mph)



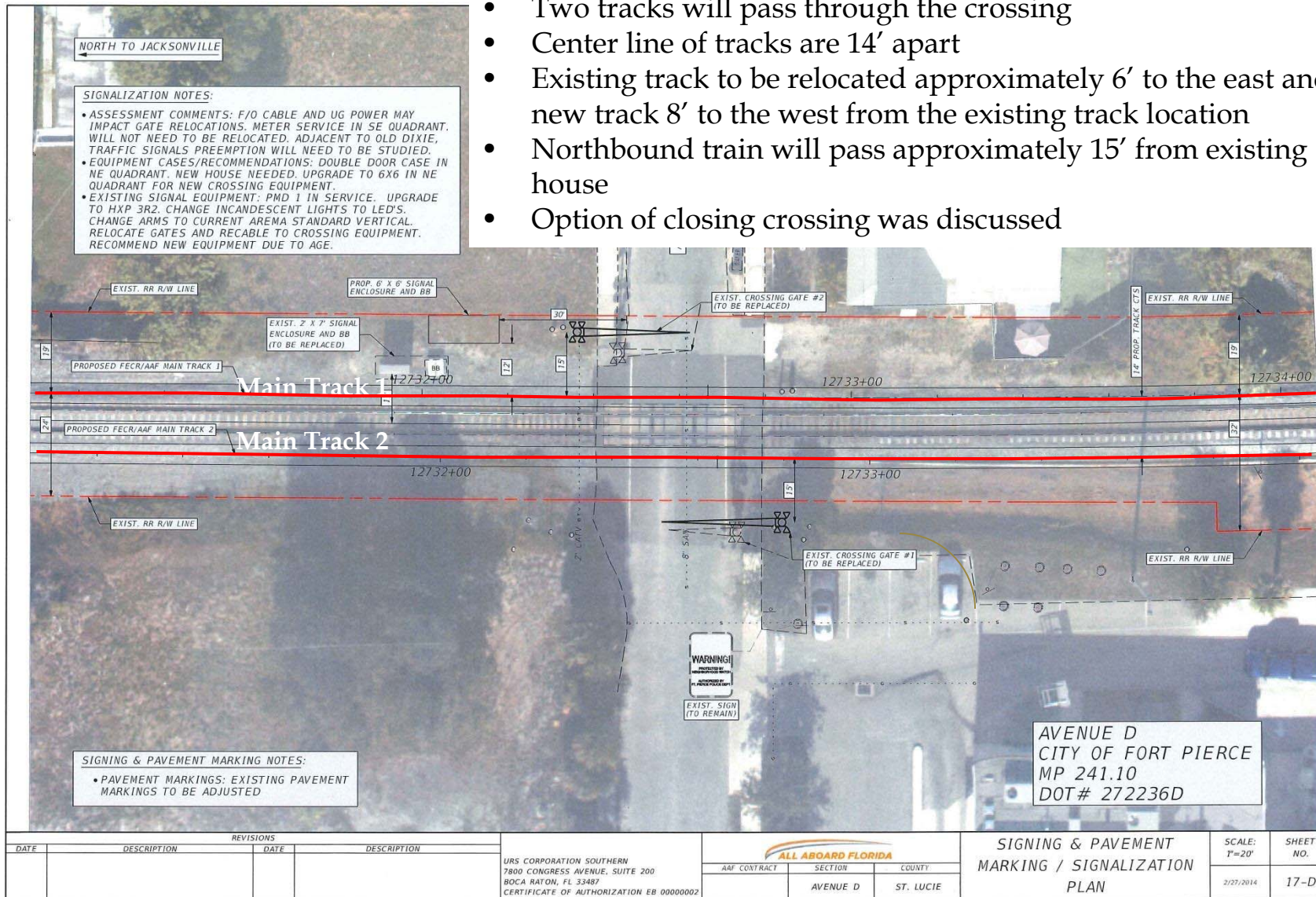
- Two tracks will pass through the crossing
- Center line of tracks are 15' apart
- New track will be laid west of the existing track
- Existing gates on the east side are shown to remain, but field review indicates moving crossing gates east approximately 30 feet

DATE		REVISIONS		DESCRIPTION	AAAF CONTRACT	SECTION	COUNTY	SIGNING & PAVEMENT MARKING / SIGNALIZATION PLAN	SCALE: 1"=20'	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION							
				URS CORPORATION SOUTHERN 7800 CONGRESS AVENUE, SUITE 200 BOCA RATON, FL 33487 CERTIFICATE OF AUTHORIZATION EB 00000002	AAAF CONTRACT	SECTION	COUNTY			
					AVENUE A		ST. LUCIE		2/27/2014	18-D

Crossing Diagnostics Meeting Summary

□ Avenue D – (Begin acceleration)

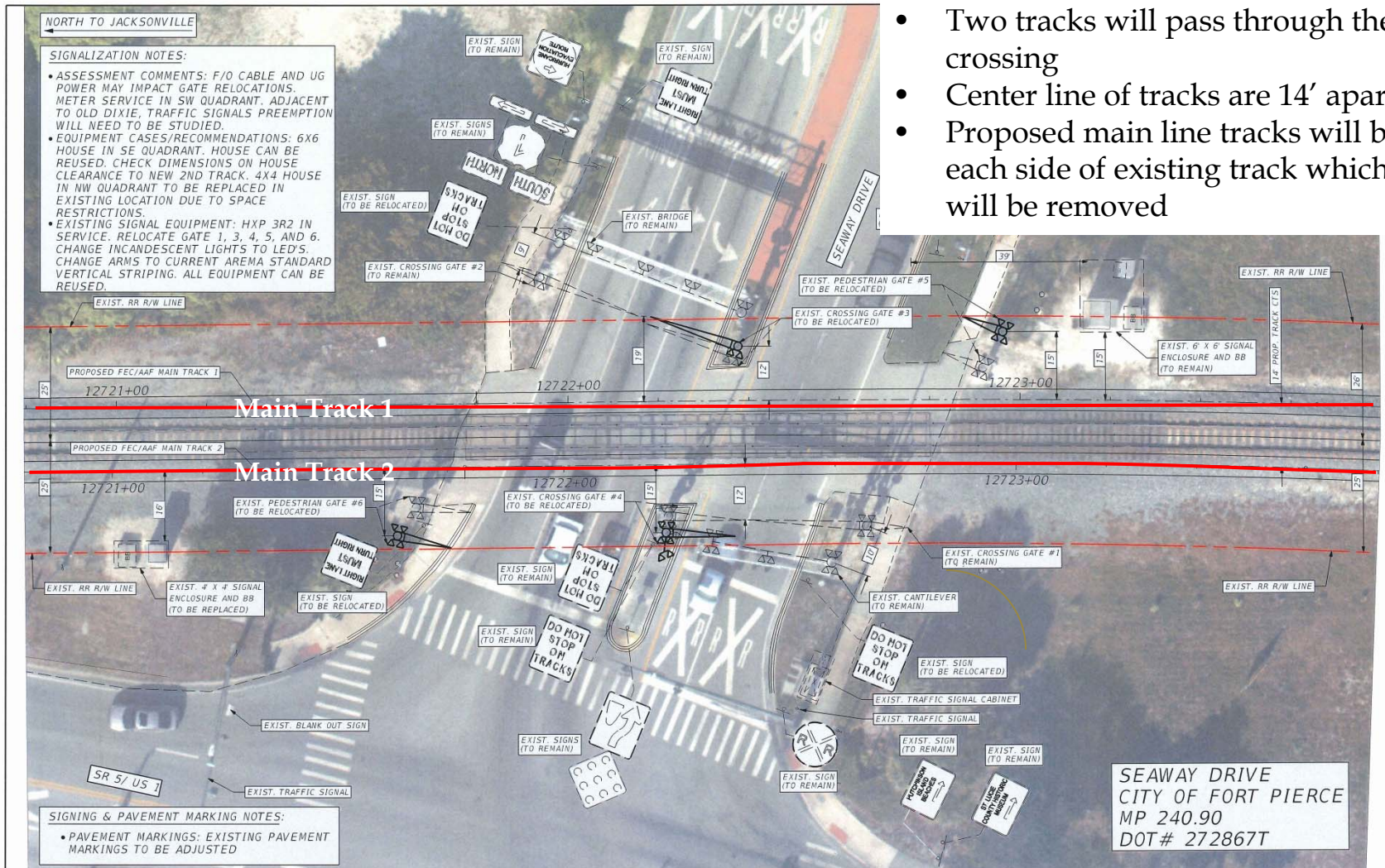
- Two tracks will pass through the crossing
- Center line of tracks are 14' apart
- Existing track to be relocated approximately 6' to the east and the new track 8' to the west from the existing track location
- Northbound train will pass approximately 15' from existing house
- Option of closing crossing was discussed



Crossing Diagnostics Meeting Summary

Seaway Drive - (50 to 60 mph)

- Two tracks will pass through the crossing
- Center line of tracks are 14' apart
- Proposed main line tracks will be on each side of existing track which will be removed



REVISIONS		DESCRIPTION		DATE	DESCRIPTION	ALL ABOARD FLORIDA			SIGNING & PAVEMENT MARKING / SIGNALIZATION PLAN	SCALE: 1"=20'	SHEET NO. 16-D
DATE	DESCRIPTION	DATE	DESCRIPTION			AAAF CONTRACT	SECTION	COUNTY			
						SEAWAY	ST. LUCIE				

URS CORPORATION SOUTHERN
7800 CONGRESS AVENUE, SUITE 200
BOCA RATON, FL 33487
CERTIFICATE OF AUTHORIZATION EB 00000002

Crossing Diagnostics Meeting Summary

- ▣ “Quiet Zones” were discussed with representatives from the Federal Railroad Administration
 - Criteria for crossings in “Quiet Zones”
 - All four quadrants will have crossing gates
 - Non-mountable median must extend 100’ from tracks
 - “Quiet Zone” Costs:
 - Estimated design and construction cost per crossing is \$300,000 to \$500,000
 - Annual maintenance cost per intersection (responsibility of municipality) is \$4,000 to \$10,000
 - “Quiet Zones” at intersections such as Orange Avenue and Avenue A would result in blocking entrances to the parking garage, Depot Drive and private parking lots
 - No funding has been appropriated by the project for the construction of “Quiet Zones”