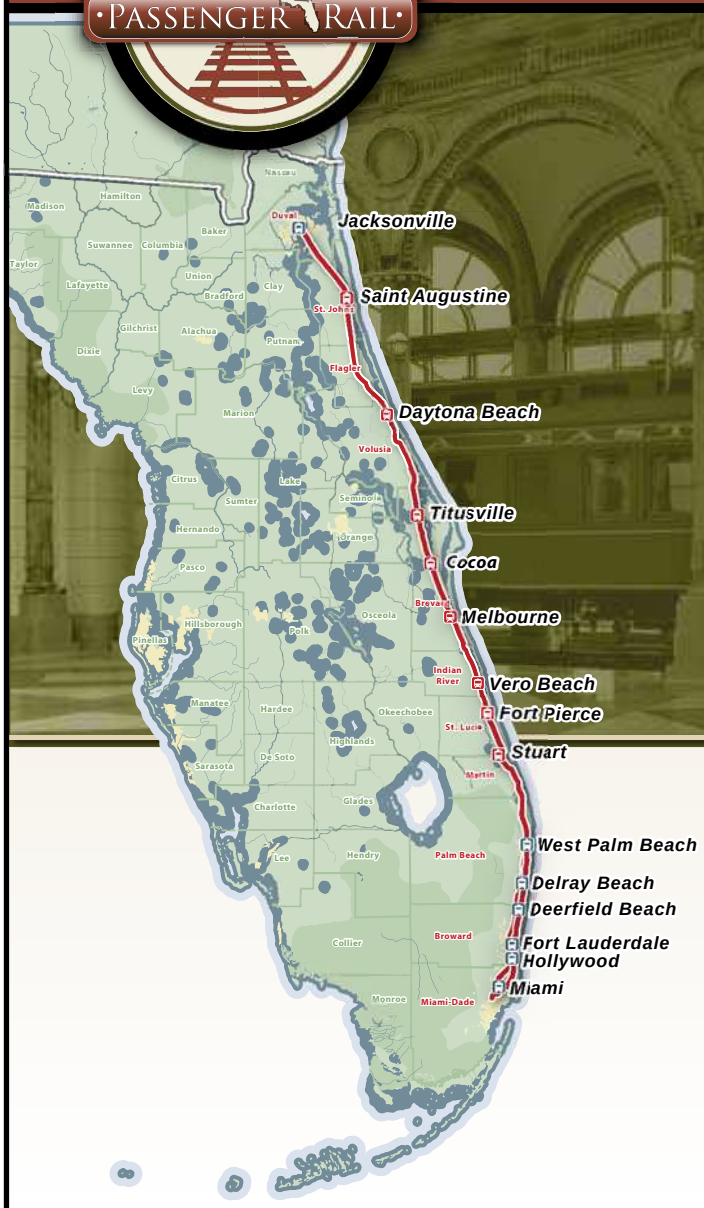
Appendix B

Concept Plans

FEC AMTRAK® Passenger Rail



August 2010

Federal Aid Project Number: FR-HSR-09-003

TBG061410232339ORL

Appendix B
Concept Plans

Preferred Alternative Conceptual Renderings (Proposed Stations)
Preferred Alternative Concept Plans (Proposed Stations)
Preferred Alternative Concept Plans (Northwood Crossover)
Concept Plans (Station Alternatives)
Preferred Alternative (FEC Railway Track Charts)
Typical Station Layouts (Small and Medium Stations)

Preferred Alternative Conceptual Renderings (Proposed Stations)

Preferred Station Location: St. Augustine (Alternative 1: U.S. 1 at San Marco Avenue) – Existing site

VIEW OF PROPOSED AMTRAK STATION, ST. AUGUSTINE, FLORIDA

Preferred Station Location: St. Augustine (Alternative 1: U.S. 1 at San Marco Avenue) – Rendering of Preferred Alternative

Preferred Station Location: Cocoa (Alternative 2: South of Rosa L. Jones Boulevard) – Existing site

Preferred Station Location: Cocoa (Alternative 2: South of Rosa L. Jones Boulevard) – Rendering of Preferred Alternative

Preferred Station Location: Daytona (Alternative 1: Magnolia Avenue) – Existing site

VIEW OF PROPOSED DAYTONA BEACH STATION

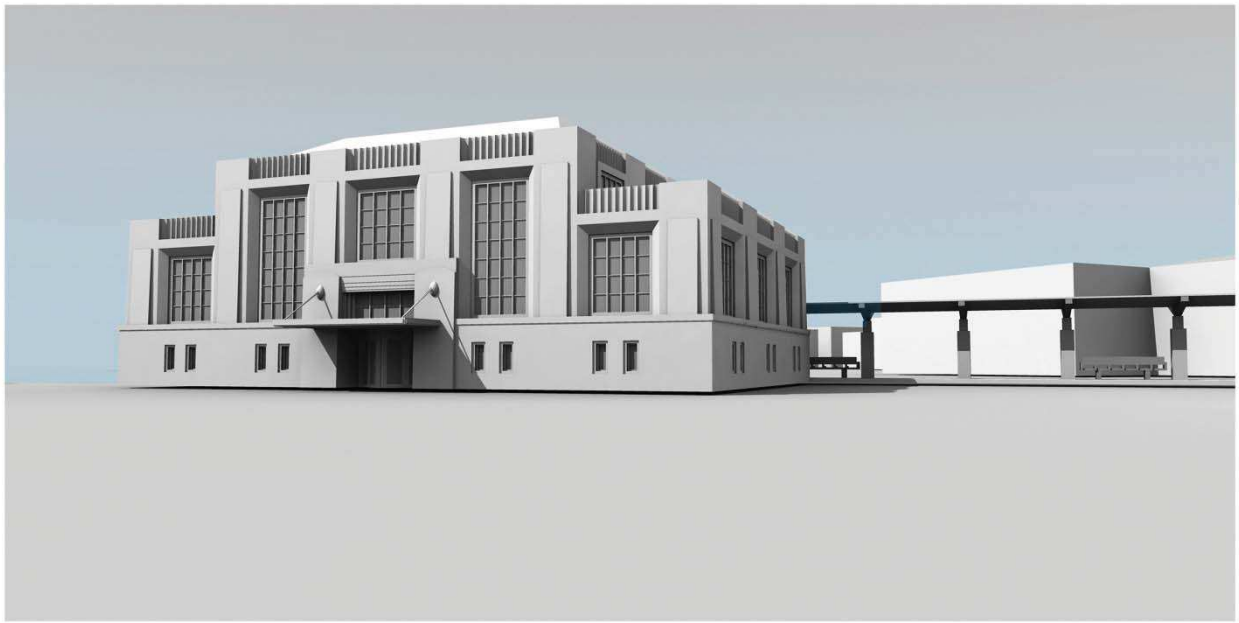
Preferred Station Location: Daytona (Alternative 1: Magnolia Avenue) – Rendering of Preferred Alternative

Preferred Station Location: Fort Pierce (Alternative 1: Orange Avenue) – Existing site

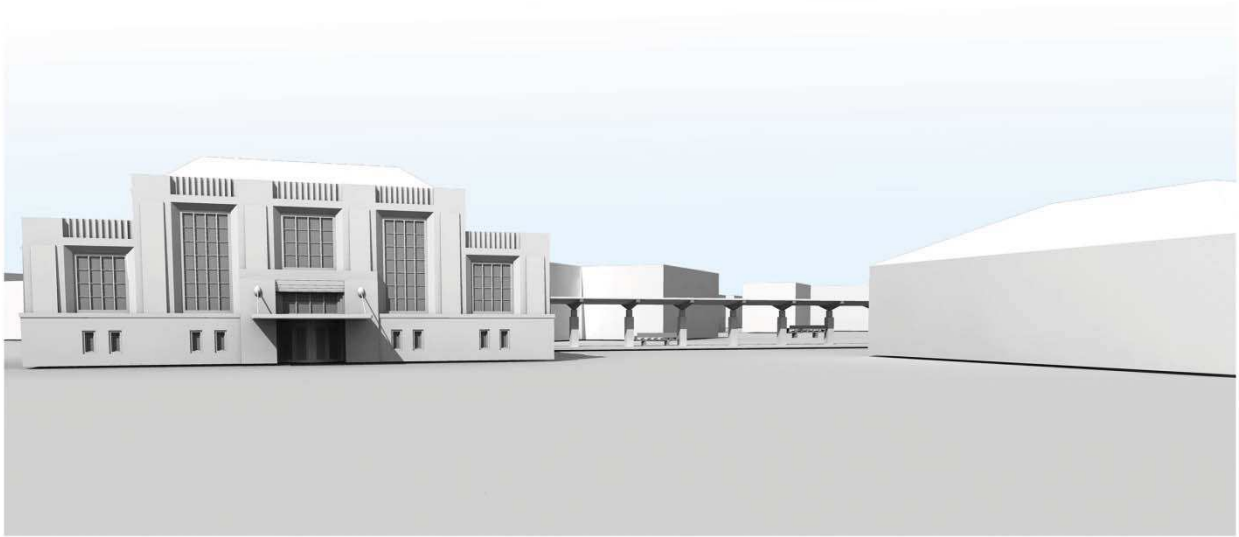
Preferred Station Location: Fort Pierce (Alternative 1: Orange Avenue) – Rendering of Preferred Alternative

Preferred Station Location: Melbourne (Alternative 3: North of U.S. 192) – Existing site

Preferred Station Location: Melbourne (Alternative 3: North of U.S. 192) – Rendering of Preferred Alternative



Preferred Station Location: Stuart (Alternative 3: Stypmann Boulevard) – Rendering of Preferred Alternative



Preferred Station Location: Stuart (Alternative 3: Stypmann Boulevard) – Rendering of Preferred Alternative

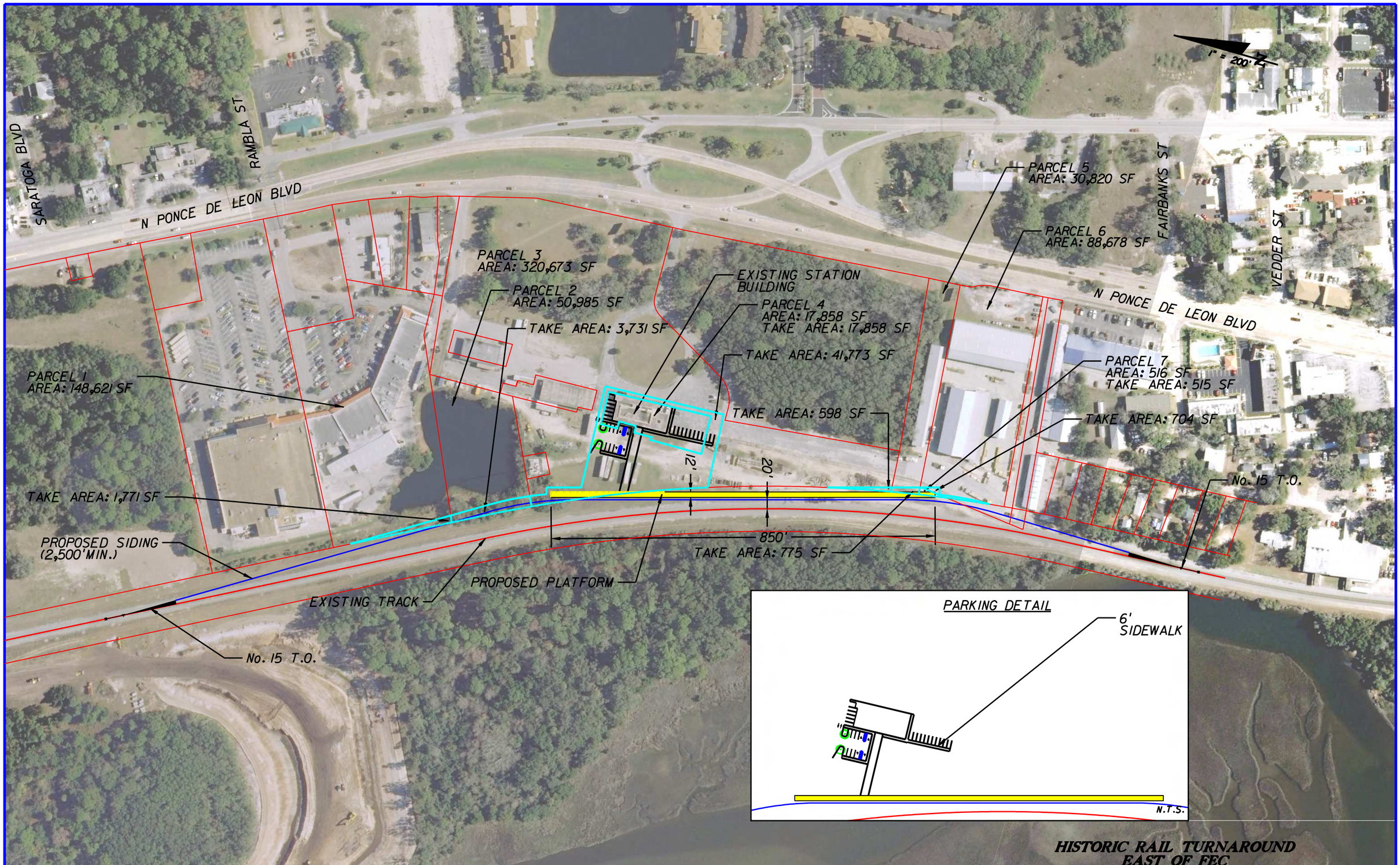
Preferred Station Location: Titusville (Alternative 2: North of Pine Street) – Existing site

Preferred Station Location: Titusville (Alternative 2: North of Pine Street) – Rendering of Preferred Alternative

Preferred Station Location: Vero Beach (Alternative 3: North of 23rd Street) – Existing site

Preferred Station Location: Vero Beach (Alternative 3: North of 23rd Street) – Rendering of Preferred Alternative

Preferred Alternative Concept Plans (Proposed Stations)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ST JOHNS	- - -

CONCEPT PLAN
ST. AUGUSTINE ALTERNATIVE 1:
U.S. 1 AT SAN MARCO AVENUE

SHEET NO.
01

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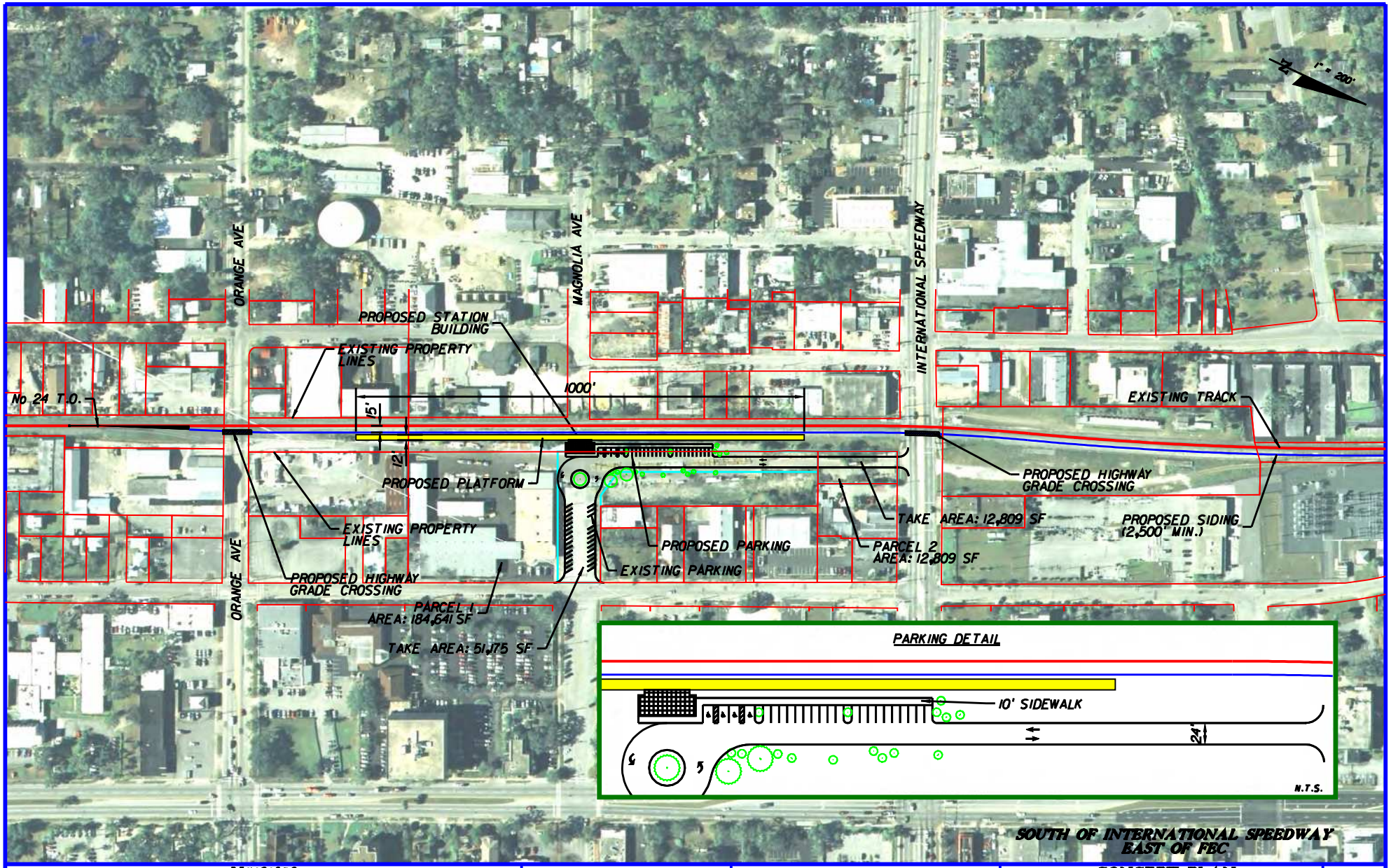

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	VOLUSIA	- - -

CONCEPT PLAN
DAYTONA BEACH ALTERNATIVE 1: SOUTH OF INTERNATIONAL SPEEDWAY BOULEVARD

SHEET NO.
01

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WASHINGON AVE S

1" = 200'

S HOPKINS AVE

JULIA ST

PALM AVE S

EXISTING STATION BUILDING

TAKE AREA: 10,178 SF

PROPOSED SIDING (2,500' MIN)

PROPOSED PLATFORM

No. 24 T.O.

12'

15'

1000'

LEMON AVE

SOUTH ST

No. 24 T.O.

PROPOSED HIGHWAY GRADE CROSSING

PROPOSED HIGHWAY GRADE CROSSING

MAIN ST

TROPIC ST

PINES ST

PALMETTO ST

PARKING DETAIL

N.T.S.

NORTH OF PINES ST
EAST OF FEC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
		- - -

CONCEPT PLAN
TITUSVILLE ALTERNATIVE 2:
NORTH OF PINE STREET

SHEET NO.
02

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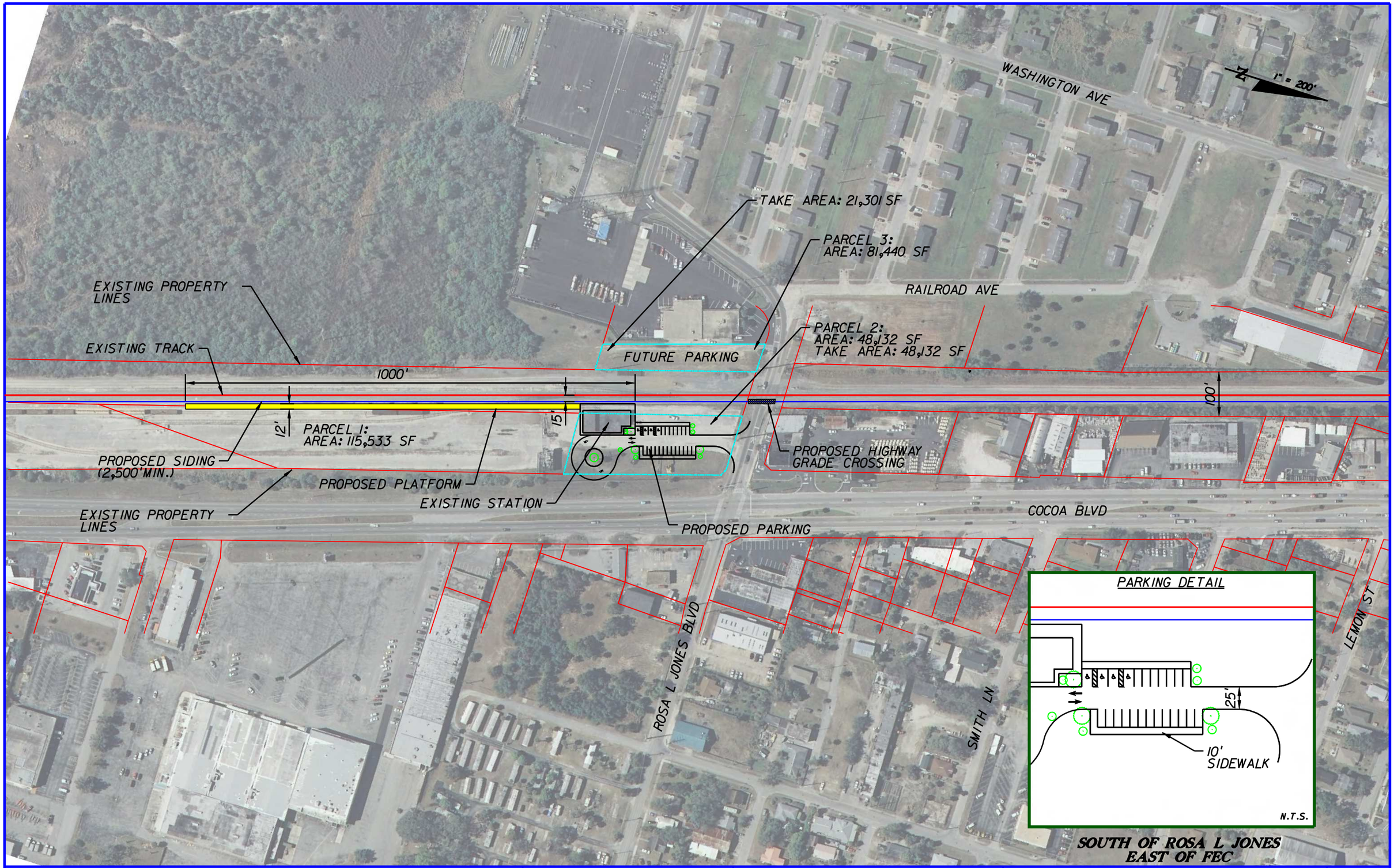

SOUTH OF ROSA L JONES
EAST OF FEC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
COCOA ALTERNATIVE 2:
SOUTH OF ROSA L. JONES BOULEVARD

SHEET NO.
04

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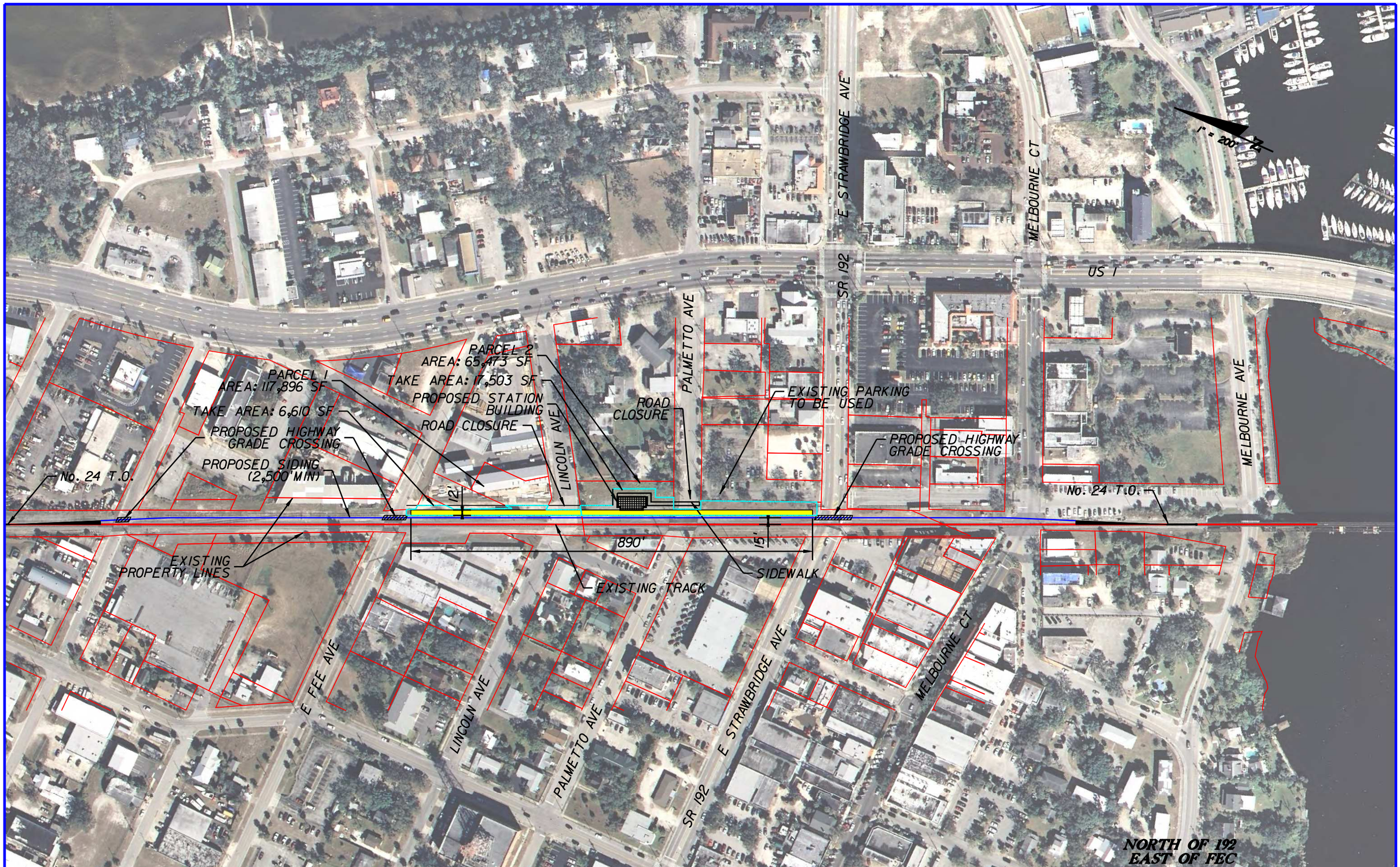

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
MELBOURNE ALTERNATIVE 3: NORTH OF U.S. 192

SHEET NO.
03

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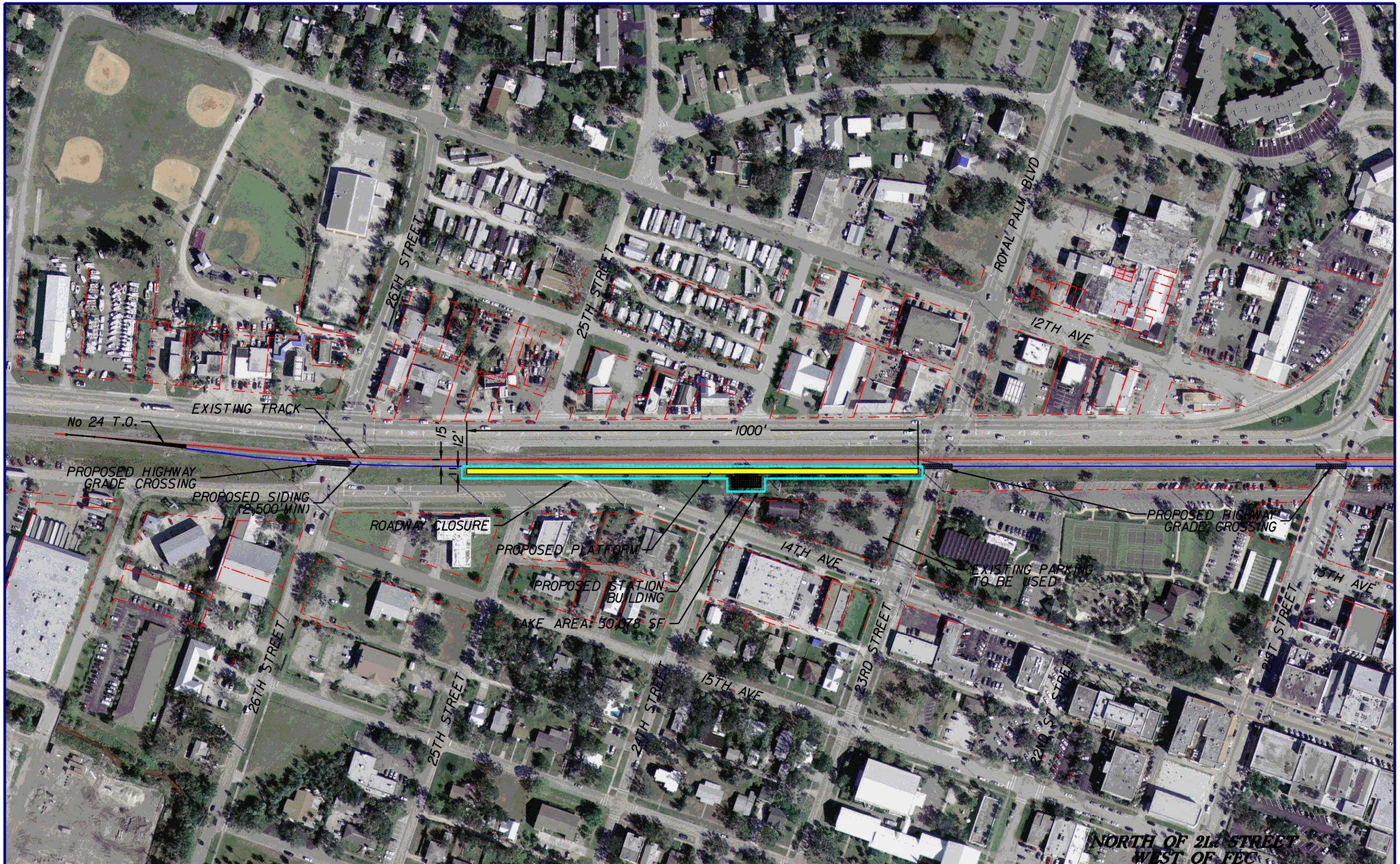

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	INDIAN RIVER	- - -

CONCEPT PLAN
VERO BEACH ALTERNATIVE 3:
NORTH OF 23RD STREET

SHEET NO.
01

$USER$ $DATE$ $TIME$ $FILE$

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ST LUCIE	- - -

CONCEPT PLAN
FORT PIERCE ALTERNATIVE 1: ORANGE AVENUE

SHEET NO.
01

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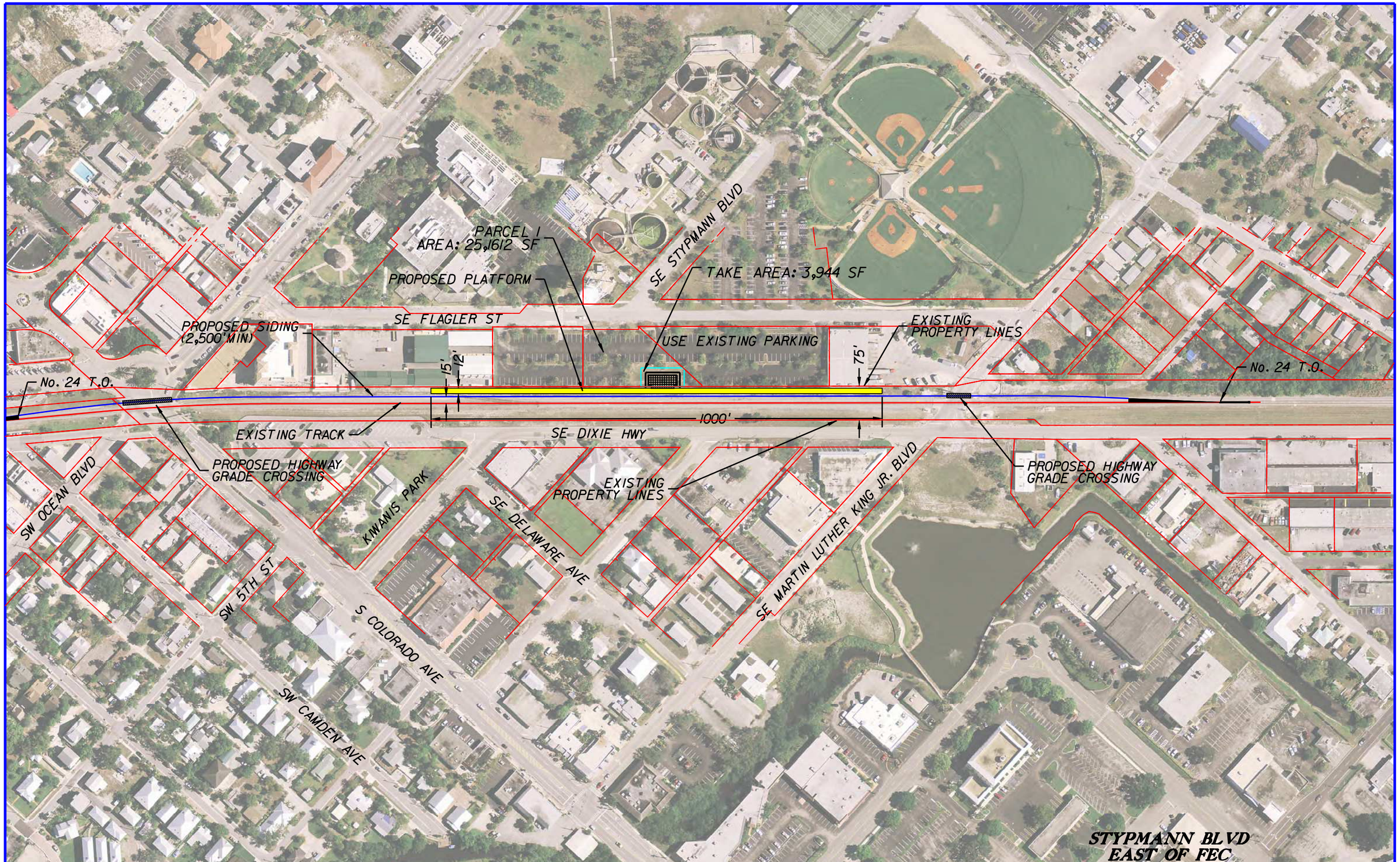

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MARTIN	- - -

CONCEPT PLAN
STUART ALTERNATIVE 1:
STYPMANN BOULEVARD

SHEET NO.
03

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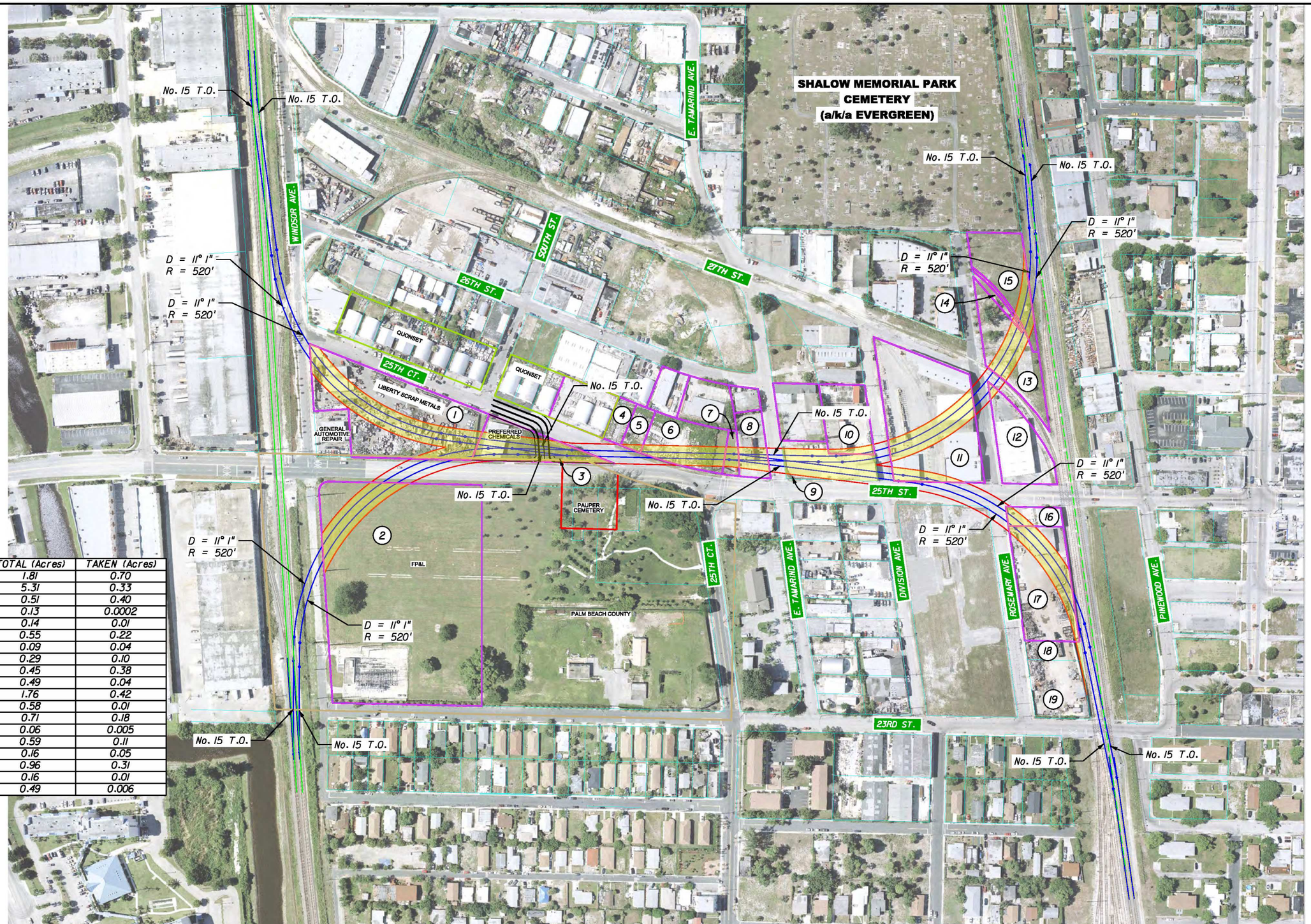
Preferred Alternative Concept Plans (Northwood Crossover)



I.D.	TOTAL (Acres)	TAKEN (Acres)
1	1.81	0.70
2	5.31	0.33
3	0.51	0.40
4	0.13	0.0002
5	0.14	0.01
6	0.55	0.22
7	0.09	0.04
8	0.29	0.10
9	0.45	0.38
10	0.49	0.04
11	1.76	0.42
12	0.58	0.01
13	0.71	0.18
14	0.06	0.005
15	0.59	0.11
16	0.16	0.05
17	0.96	0.31
18	0.16	0.01
19	0.49	0.006

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

T·Y·LIN INTERNATIONAL
1501 NW 49th Street Suite 203
Fort Lauderdale, FL 33309
Phone (954) 491-5556 Fax (954) 491-6117
Certificate of Authorization. No. 00002017

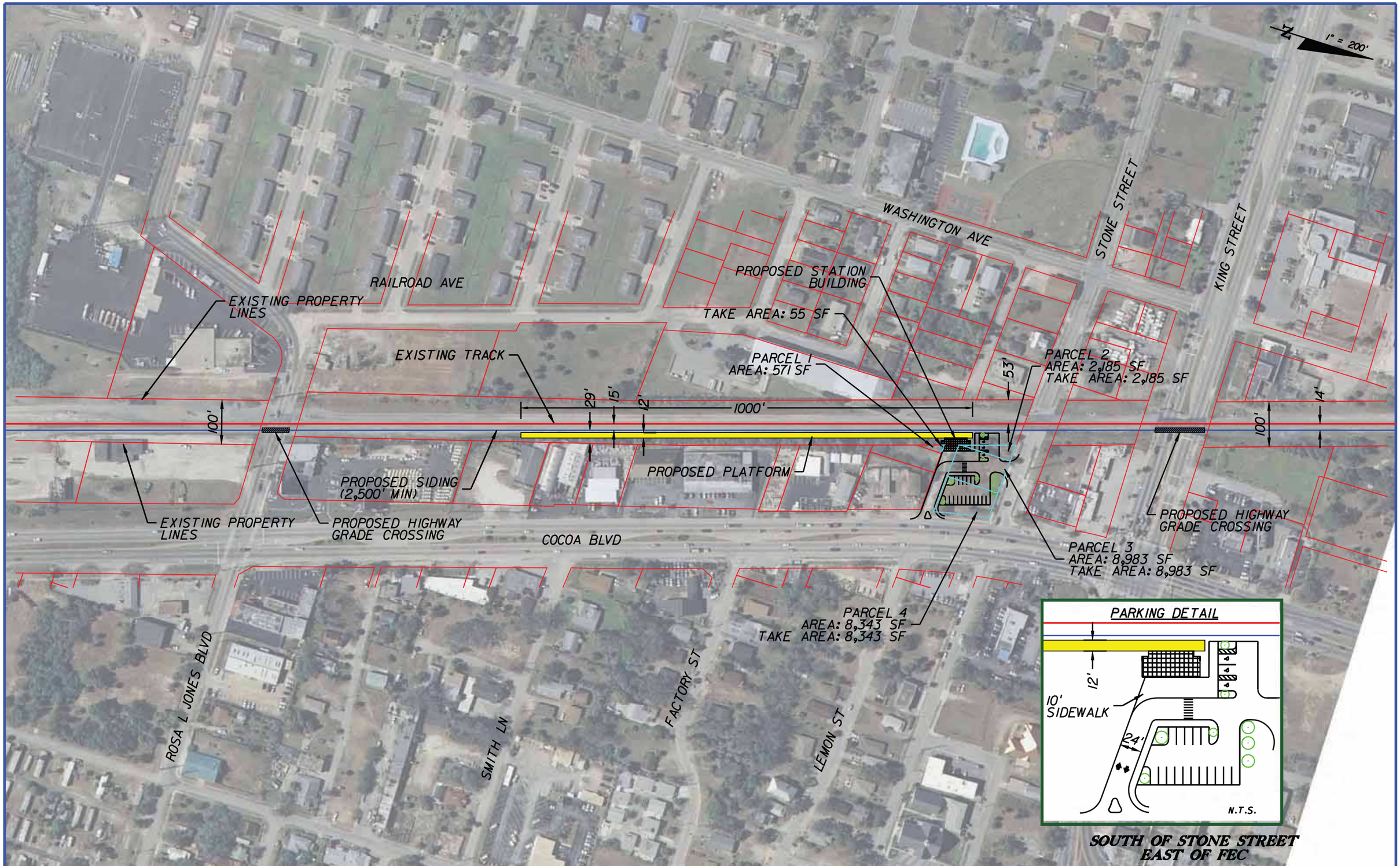
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
		- - -

NORTHWOOD CONNECTION
ALTERNATIVE 1

SHEET NO.

Concept Plans (Station Alternatives)



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
COCOA ALTERNATIVE 1:
SOUTH OF STONE STREET

SHEET NO.
01

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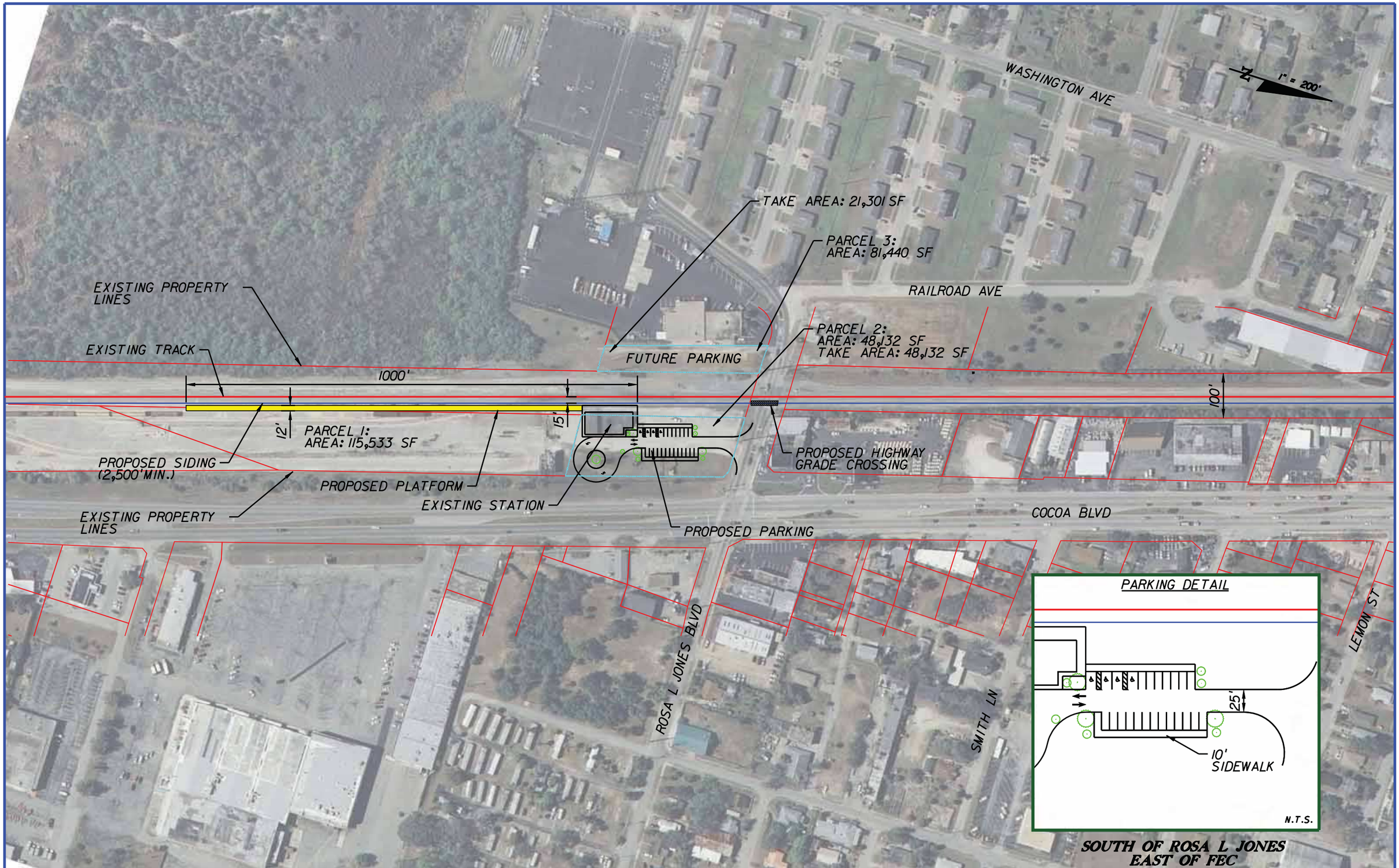

SOUTH OF ROSA L JONES
EAST OF FEC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
COCOA ALTERNATIVE 2:
SOUTH OF ROSA L. JONES BOULEVARD

SHEET NO.
04

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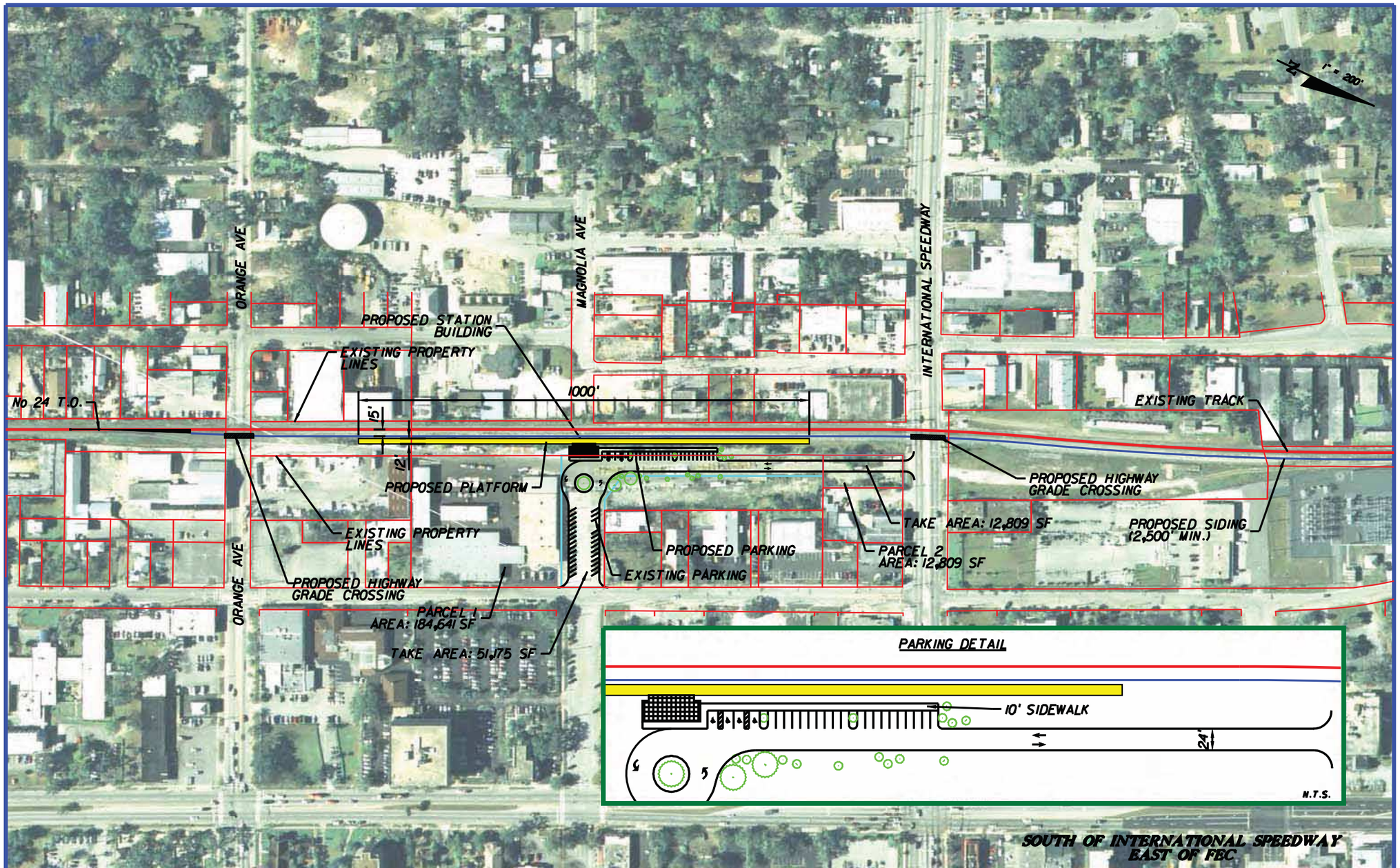

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	VOLUSIA	- - -

CONCEPT PLAN
DAYTONA BEACH ALTERNATIVE 1: SOUTH OF INTERNATIONAL SPEEDWAY BOULEVARD

SHEET NO. 01

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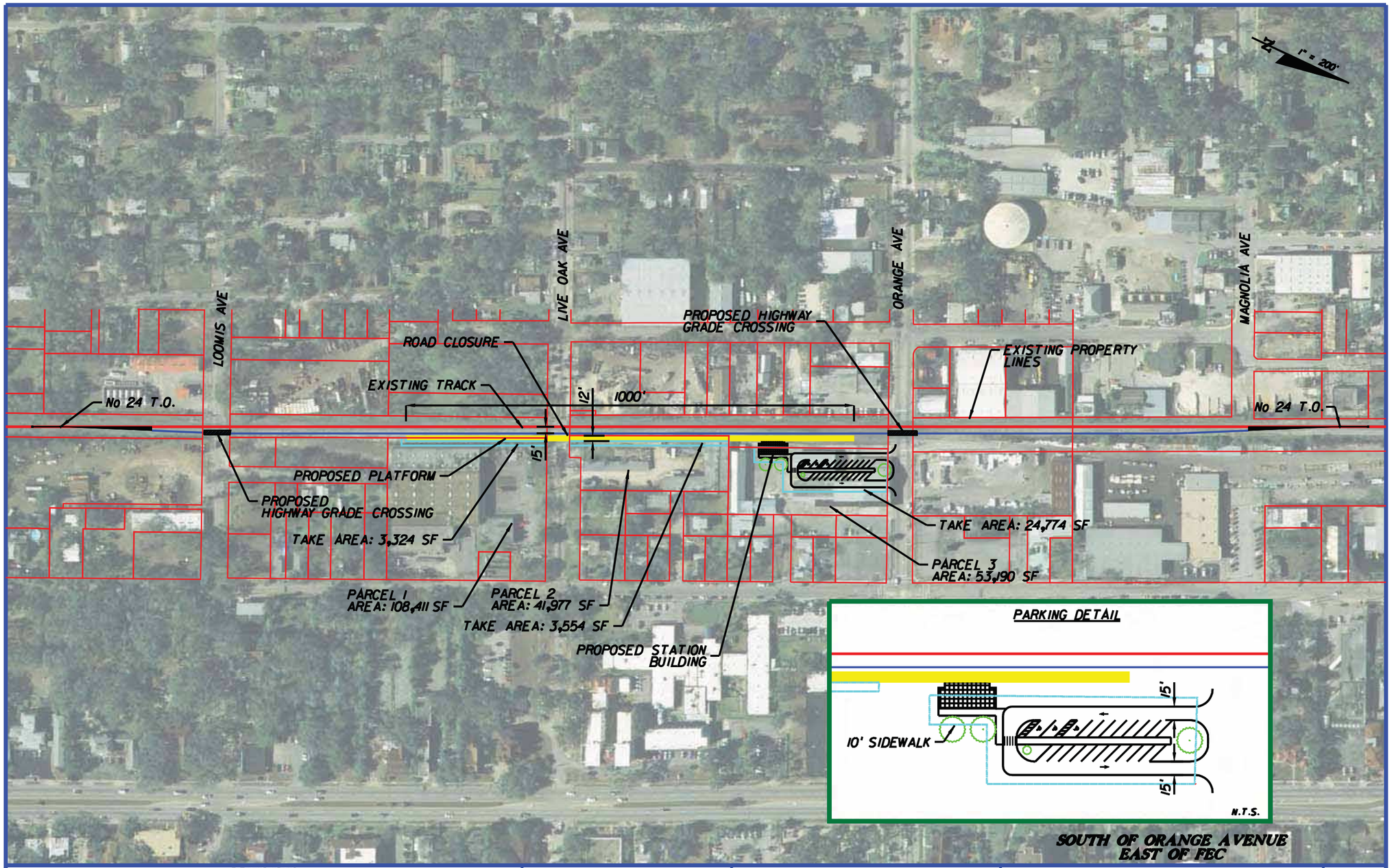

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

CONCEPT PLAN
DAYTONA BEACH ALTERNATIVE 2
SOUTH OF ORANGE AVENUE

SHEET NO. 02

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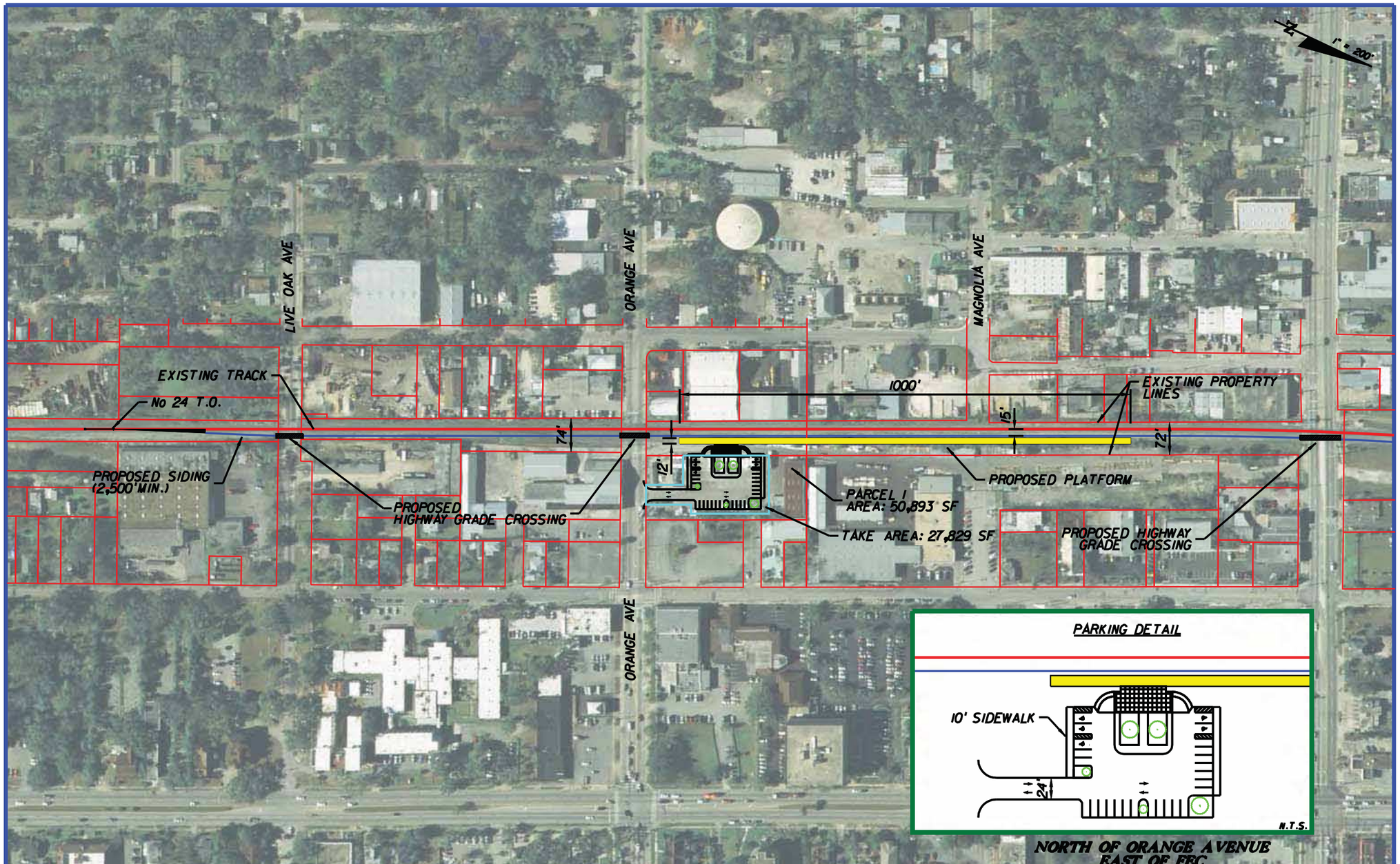

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	VOLUSIA	- - -

CONCEPT PLAN
DAYTONA BEACH ALTERNATIVE & NORTH OF ORANGE AVENUE

SHEET NO. 03

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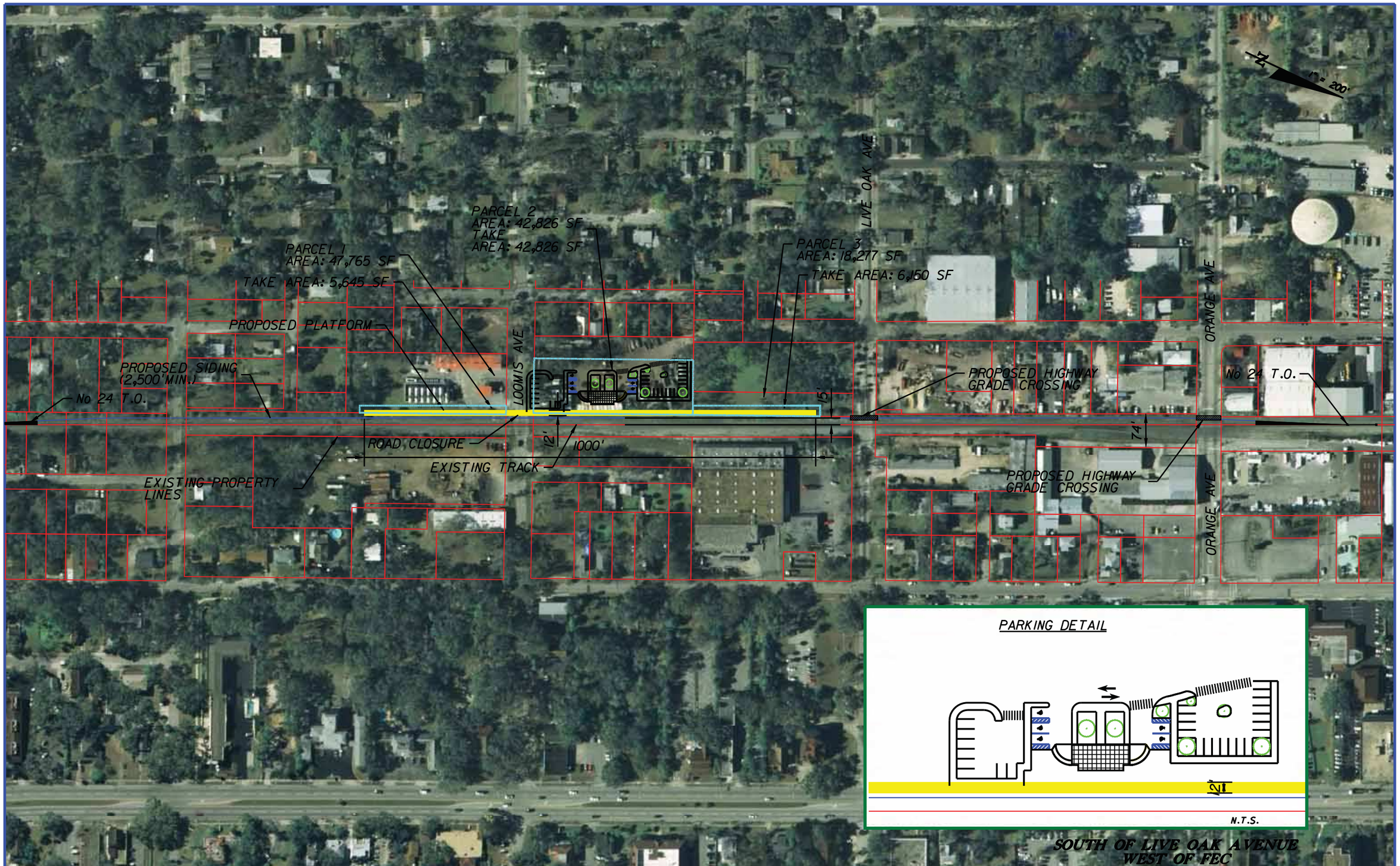

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	VOLUSIA	- - -

CONCEPT PLAN
DAYTONA BEACH ALTERNATIVE 4: SOUTH OF LIVE OAK AVENUE

SHEET NO.
04

$USER$ $DATE$ $TIME$ $FILE$

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ST LUCIE	- - -

CONCEPT PLAN
FORT PIERCE ALTERNATIVE 1: ORANGE AVENUE

SHEET NO.
01

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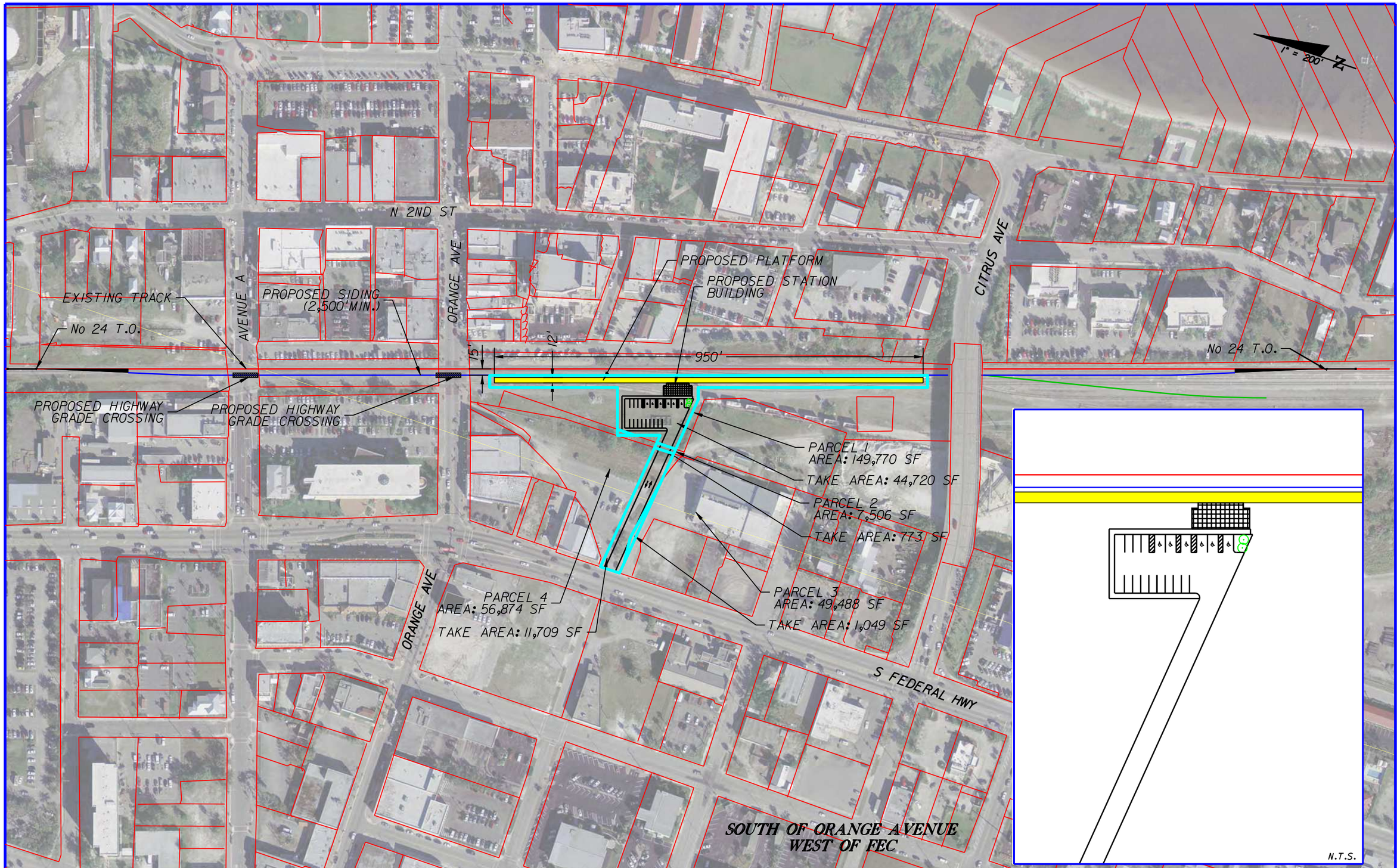

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ST LUCIE	- - -

CONCEPT PLAN
FORT PIERCE ALTERNATIVE 2: ORANGE AVENUE

SHEET NO.
02

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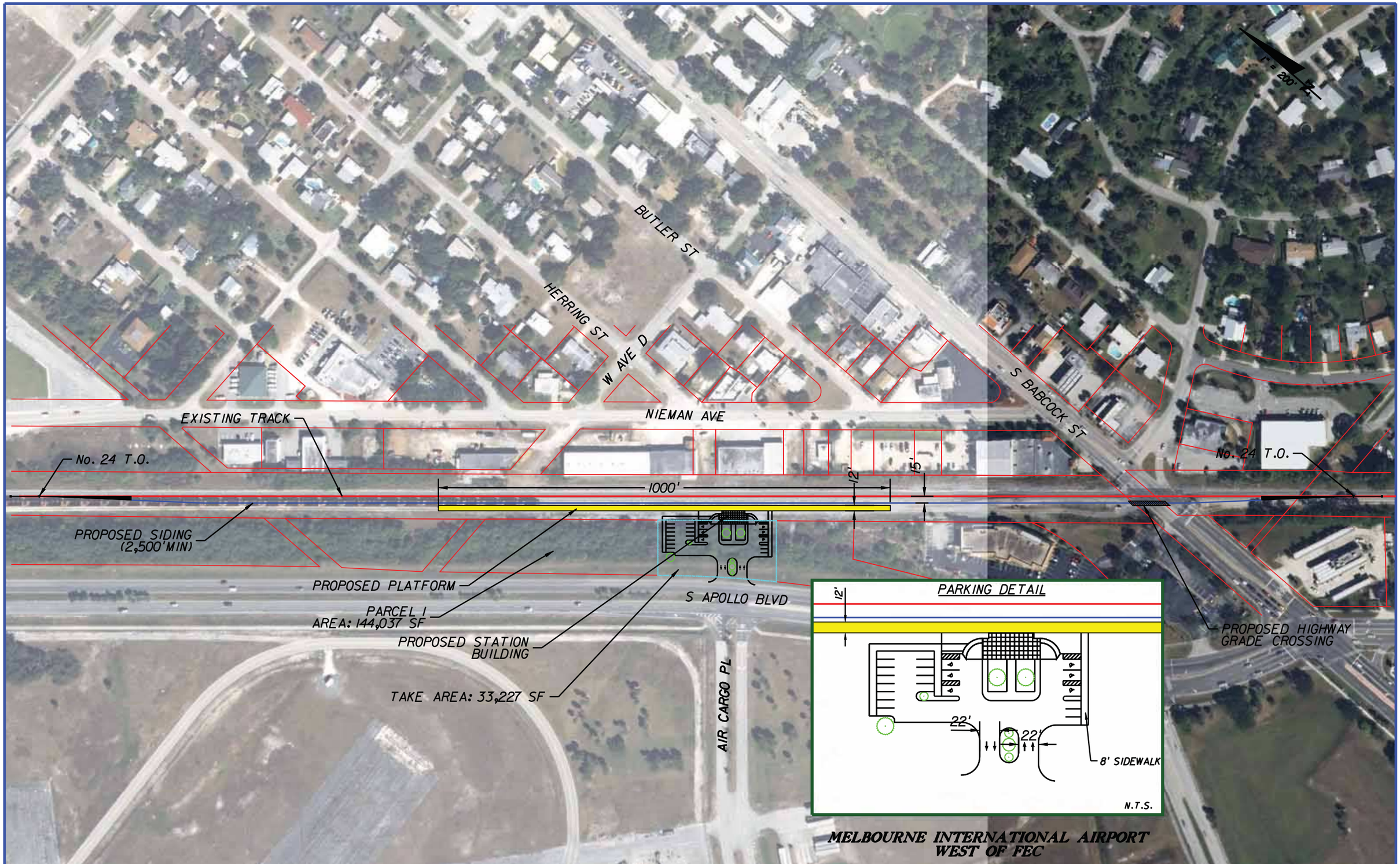

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
MELBOURNE ALTERNATIVE 1: MELBOURNE INTERNATIONAL AIRPORT

SHEET NO.
01

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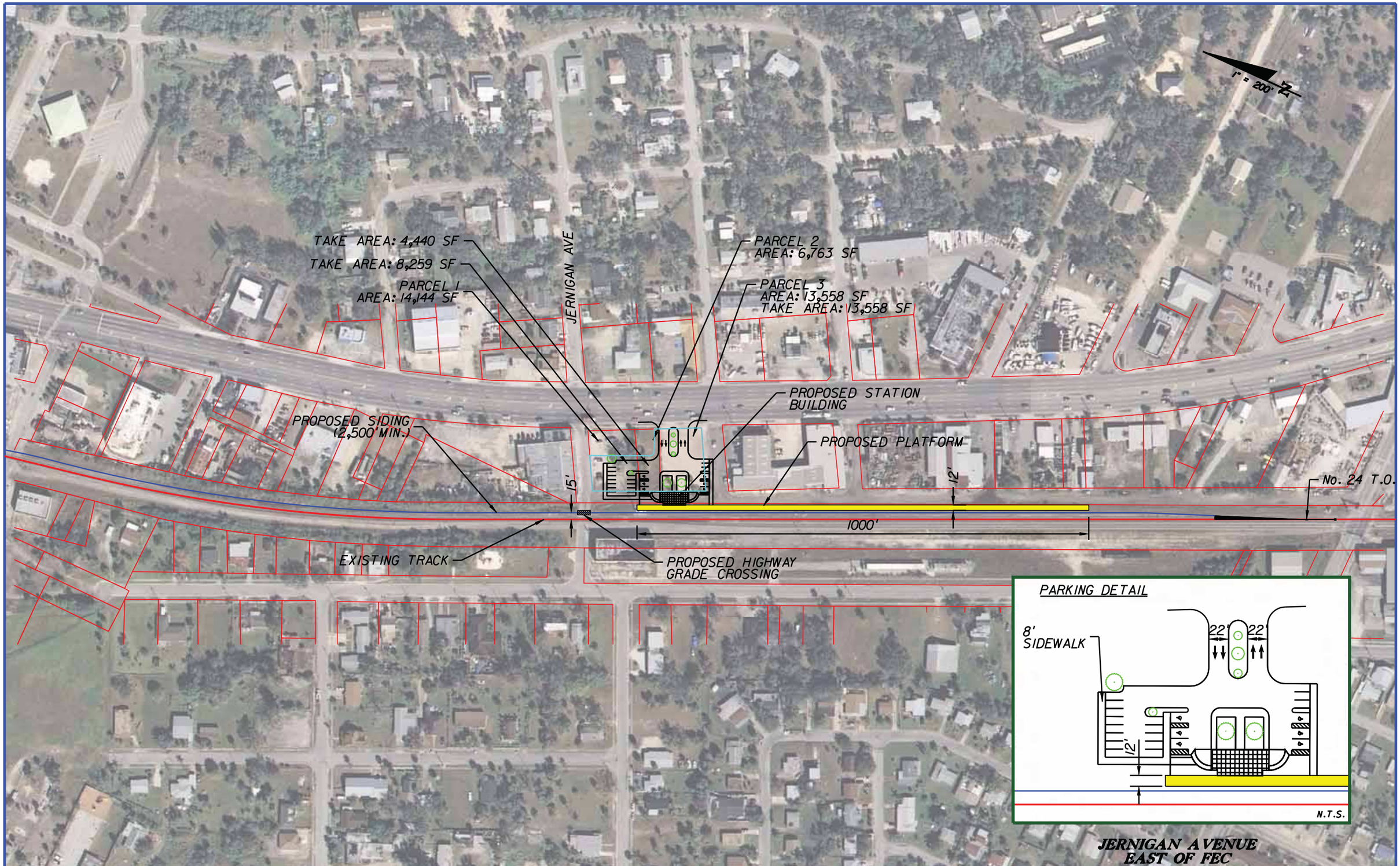

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
MELBOURNE ALTERNATIVE 2:
SOUTH OF JERNIGAN AVENUE

SHEET NO.
02

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
MELBOURNE ALTERNATIVE 3: NORTH OF U.S. 192

SHEET NO.
03

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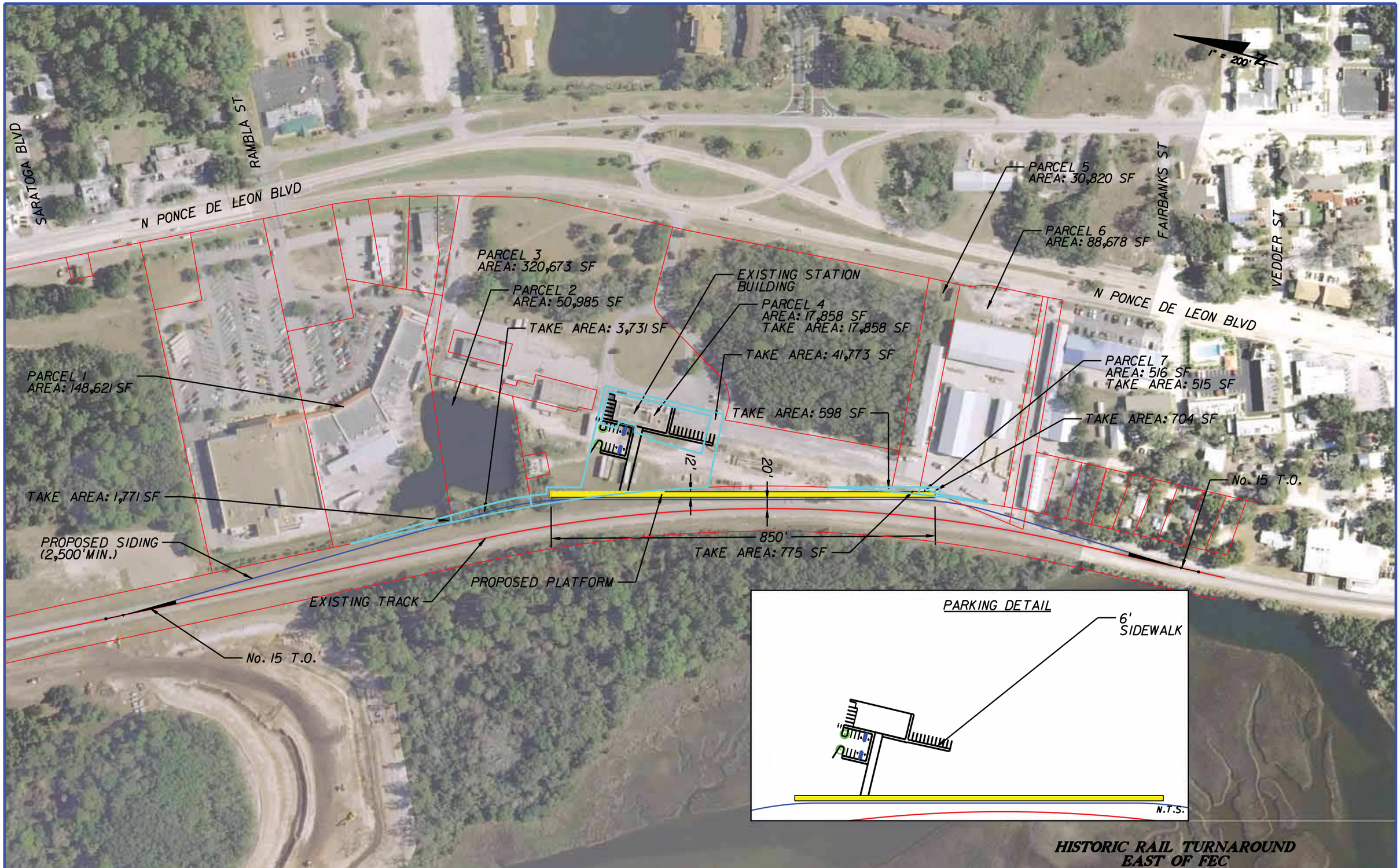


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ST JOHNS	- - -

CONCEPT PLAN
ST. AUGUSTINE ALTERNATIVE 1: U.S. 1 AT SAN MARCO AVENUE

SHEET NO. 01

USER: rhawthorn 6/30/2010 12:09:40 PM I:\projects\5506601\4_task_14_amtrak_fec\dwgs\700 ft platforms\. st augustine\PLANRD01.dgn

1" = 200'

ORANGE ST

LEMON ST

SARAGOSSA ST

ALMERIA ST

CARRERA ST

MALAGA ST

PROPOSED STATION BUILDING

PROPOSED PLATFORM

TAKE AREA: 50,171 SF

PARCEL 2
AREA: 535,895 SF

N PONCE DE LEON BLVD

PARCEL 2
AREA: 566,180 SF

PROPOSED SIDING
(2,500' MIN)

15'

12'

No. 24 T.O.

1000'

TAKE AREA: 226 SF

PROPOSED TRACK

N PONCE DE LEON

No. 15 T.O.

PARKING DETAIL

6' SIDEWALK

12'

N.T.S.

US-1 AT CARRERA STREET
EAST OF FEC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

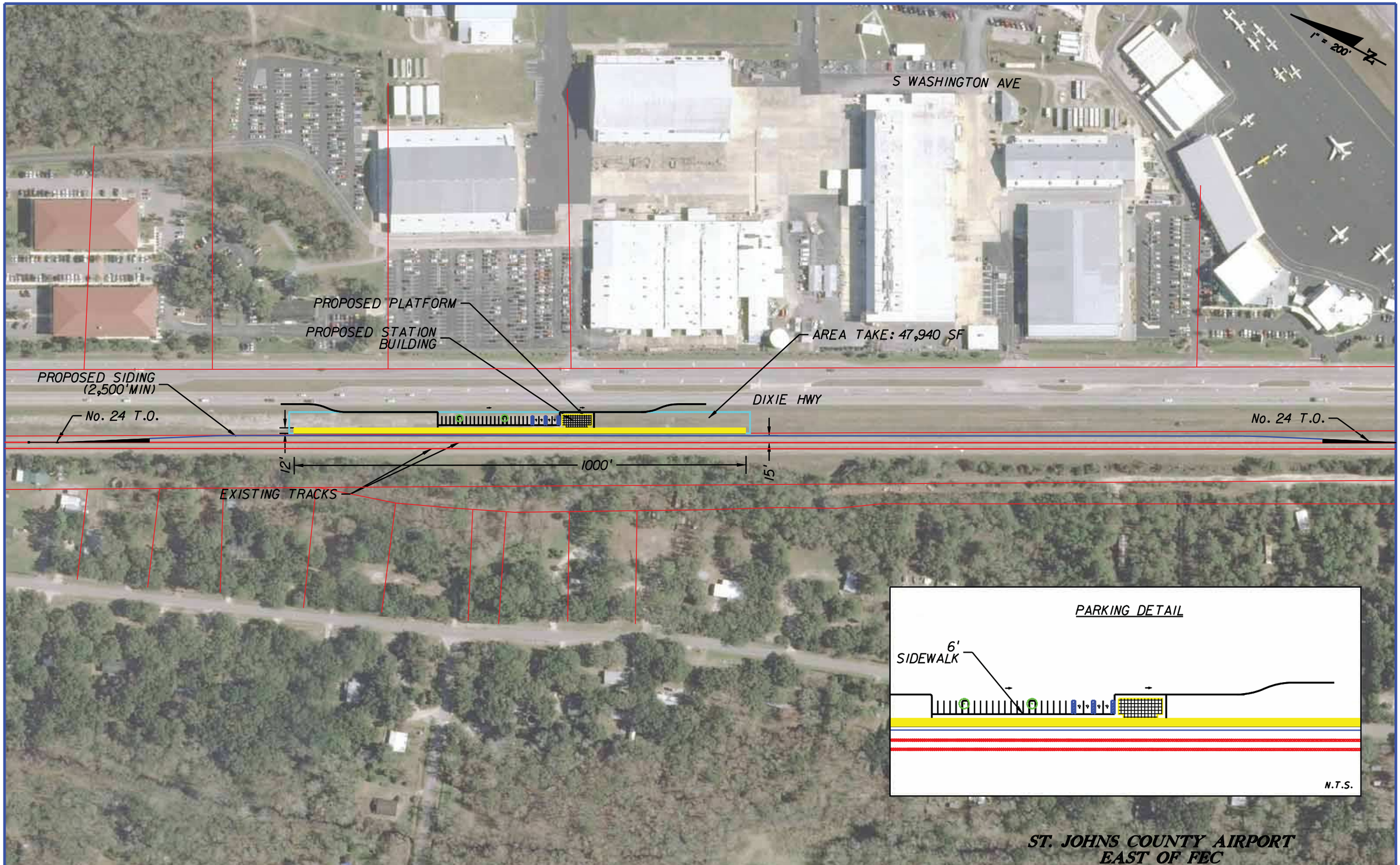
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ST JOHNS	- - -

CONCEPT PLAN
ST. AUGUSTINE ALTERNATIVE 2:
U.S. 1 AT CARRERA STREET

SHEET NO.
02

USER: rhawthorn 6/30/2010 12:09:52 PM I:\projects\55066014_task_14_amtrak_fec\dwgs\00 ft platforms\. st augustine\PLANRD02.dgn



ST. JOHNS COUNTY AIRPORT
EAST OF FEC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ST JOHNS	- - -

CONCEPT PLAN
ST. AUGUSTINE ALTERNATIVE 3:
ST. AUGUSTINE/ST. JOHNS COUNTY AIRPORT

SHEET NO. 03

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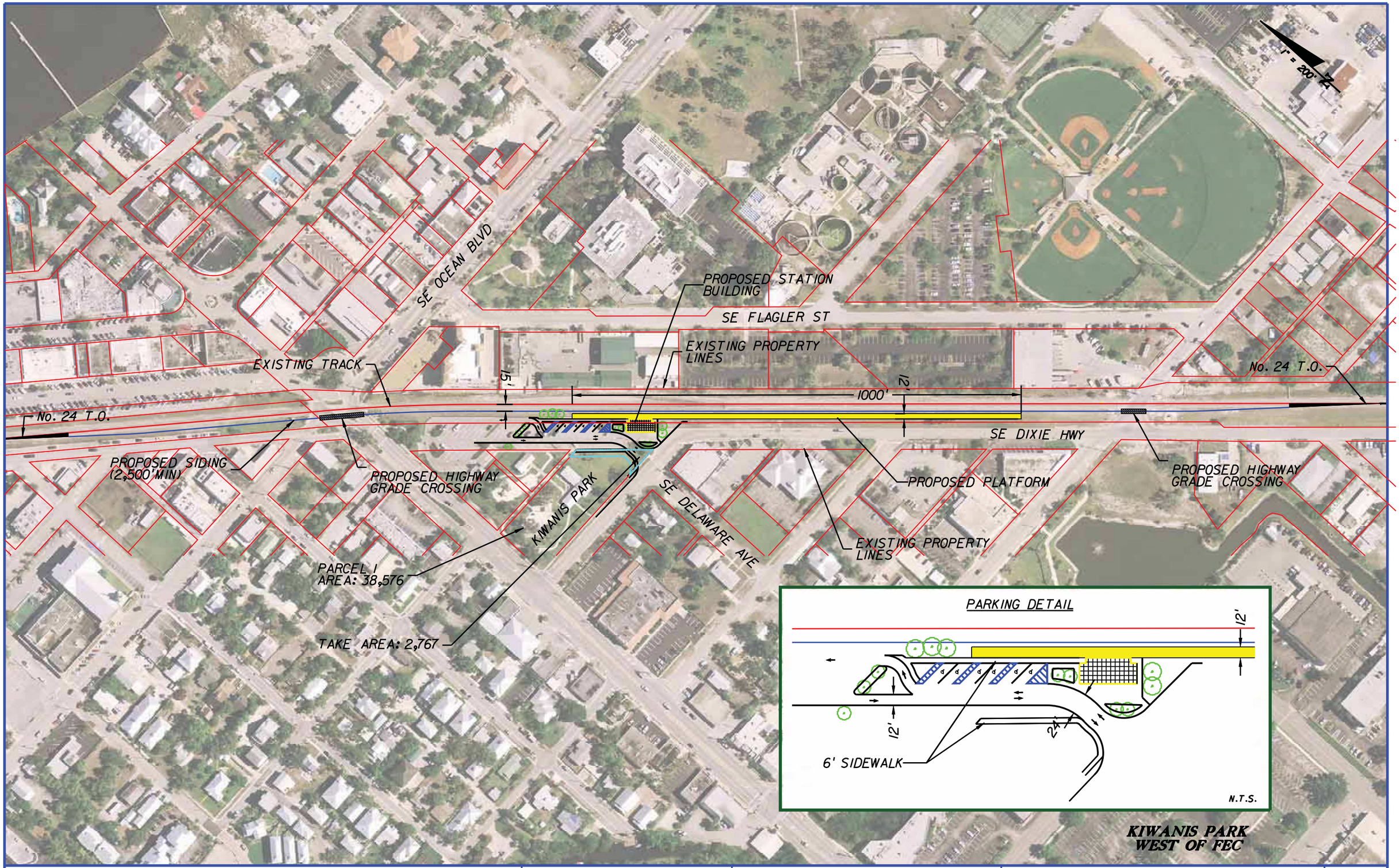

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MARTIN	- - -

CONCEPT PLAN
STUART ALTERNATIVE 1: KIWANIS PARK

SHEET NO.
01

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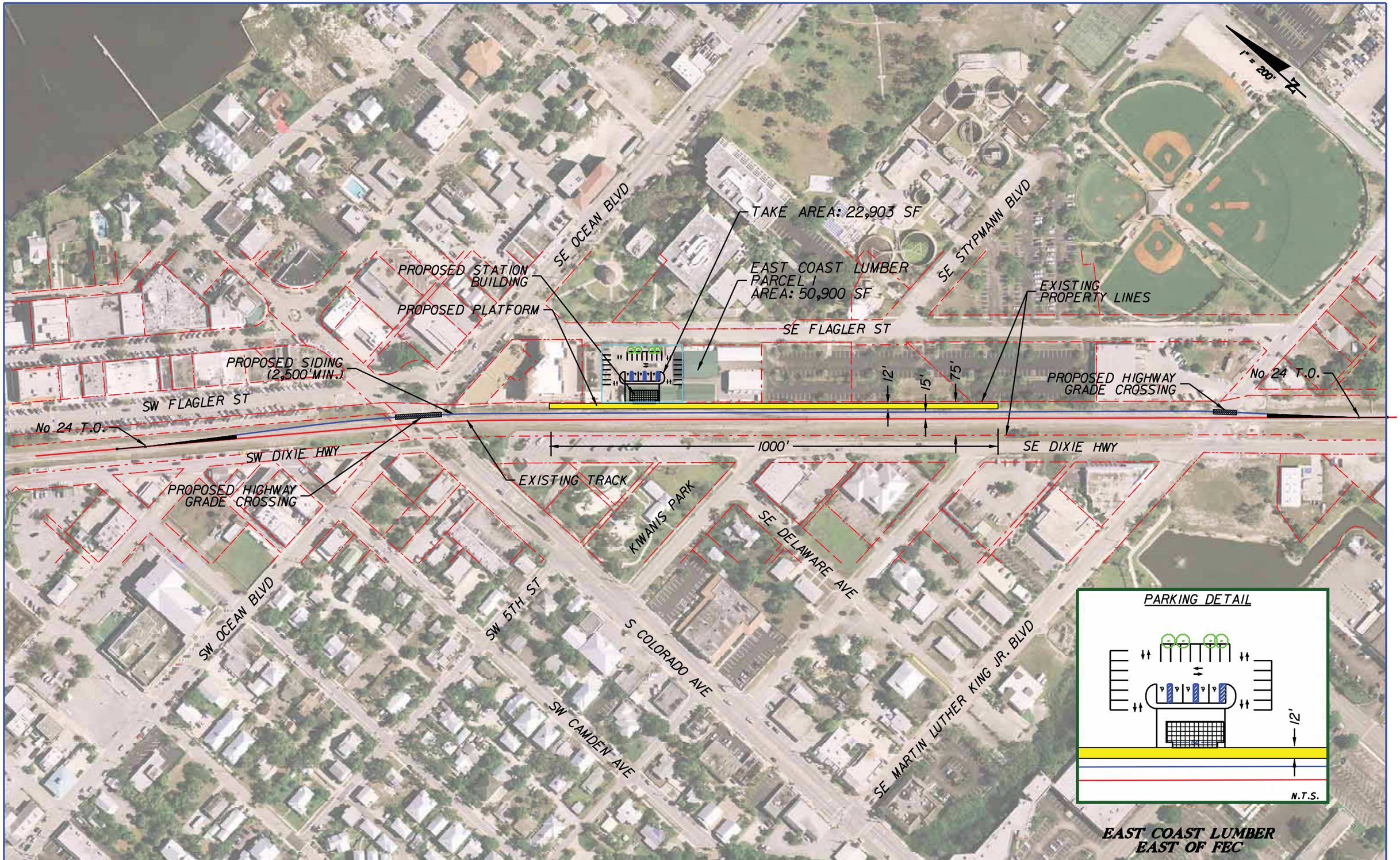


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

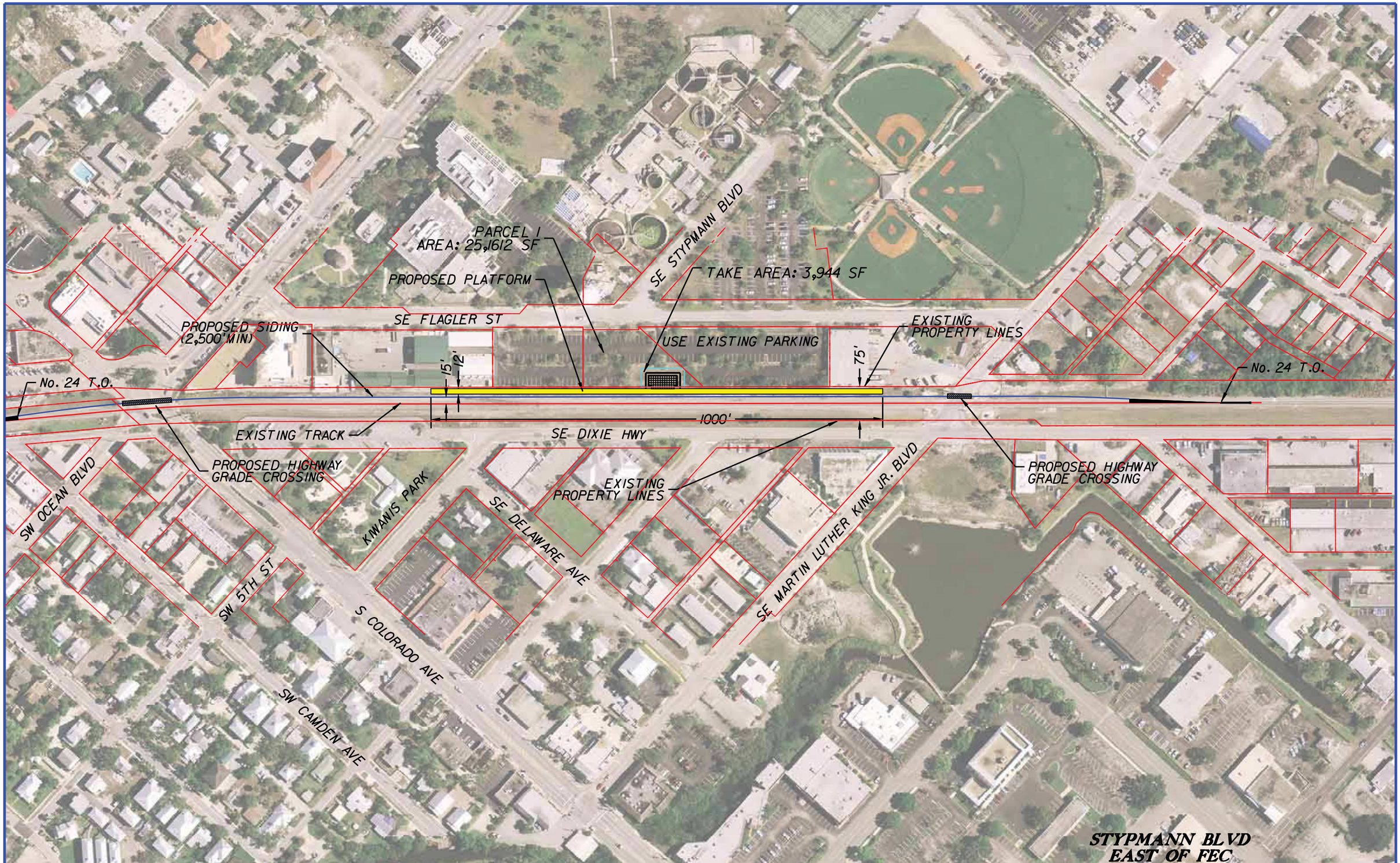
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MARTIN	- - -

CONCEPT PLAN
STUART ALTERNATIVE 2:
EAST COAST LUMBER

SHEET NO.
02

USER: rhawthorn 6/30/2010 2:24:32 PM I:\projects\5506601\4_task_14_amtrak_fec\dwgs\700 ft platforms\8. stuart\PLANRD02.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

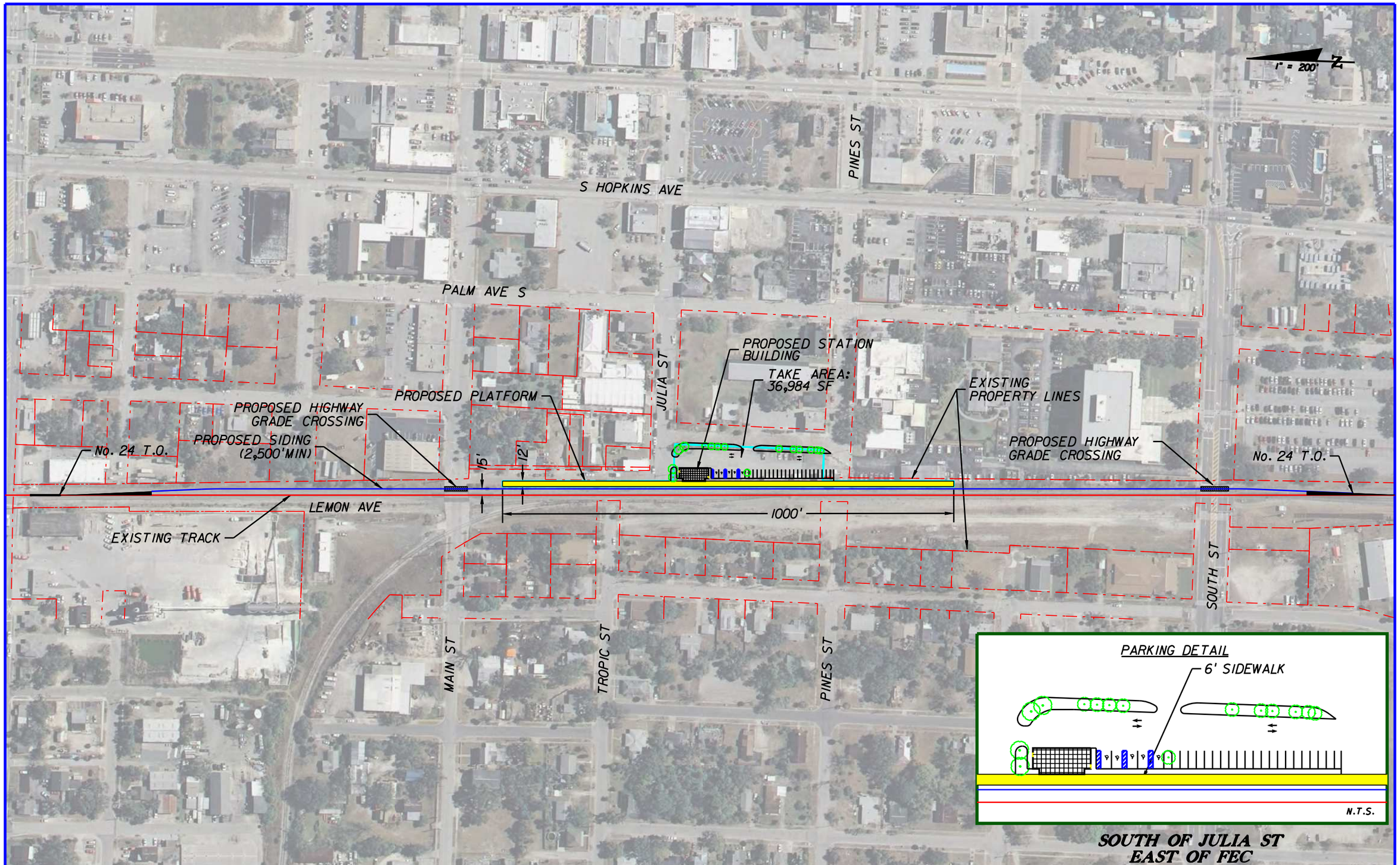
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MARTIN	- - -

CONCEPT PLAN
STUART ALTERNATIVE 1:
STYPMANN BOULEVARD

SHEET NO.
03

USER: rhawthorn 6/30/2010 2:27:37 PM I:\projects\55066014_task_14_amtrak_fec\dwgs\700 ft platforms\8. stuart\PLANRD02-2.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

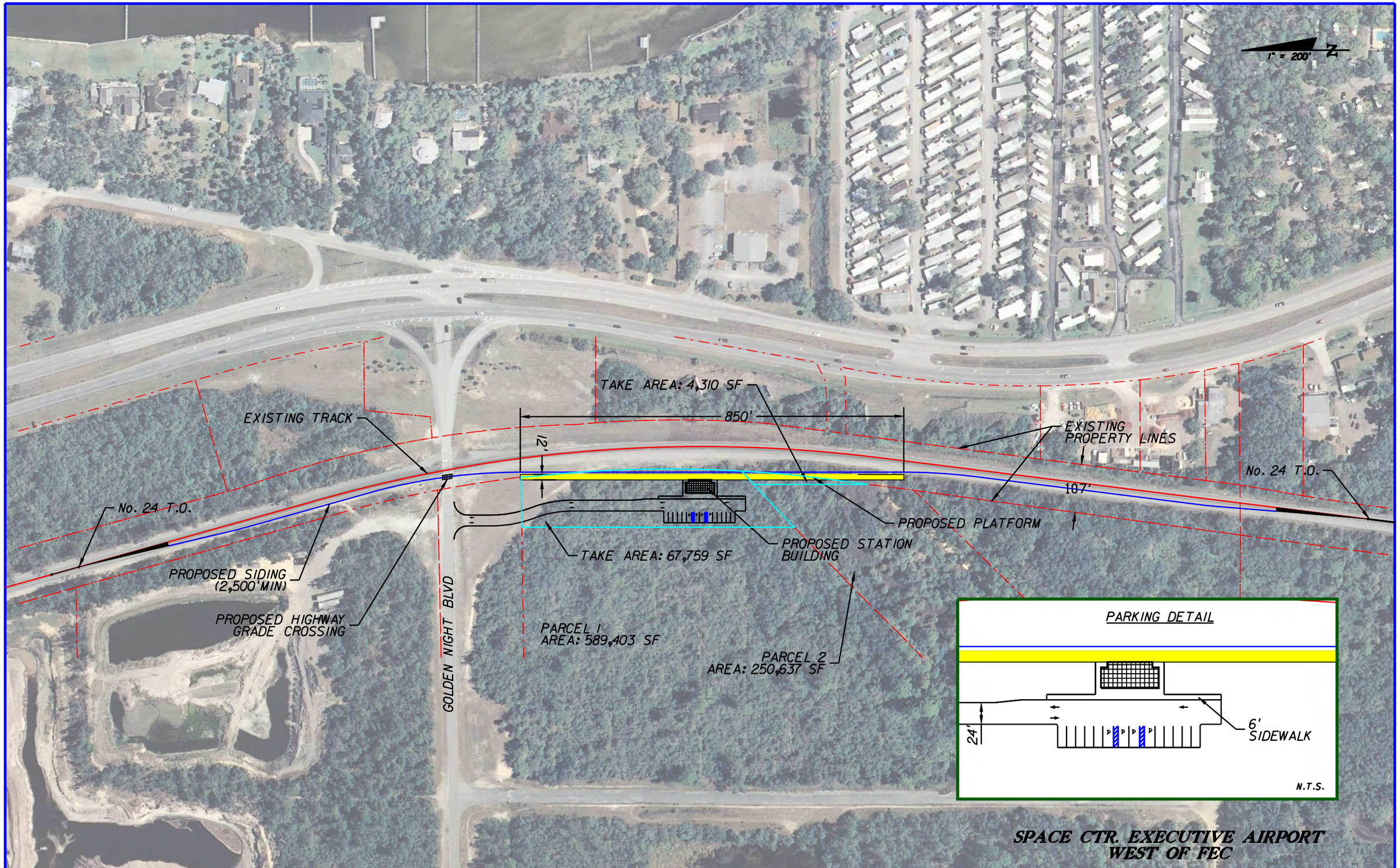
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
TITUSVILLE ALTERNATIVE 1: SOUTH OF JULIA STREET

SHEET NO.
01

$USER$ $DATE$ $TIME$ $FILE$



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

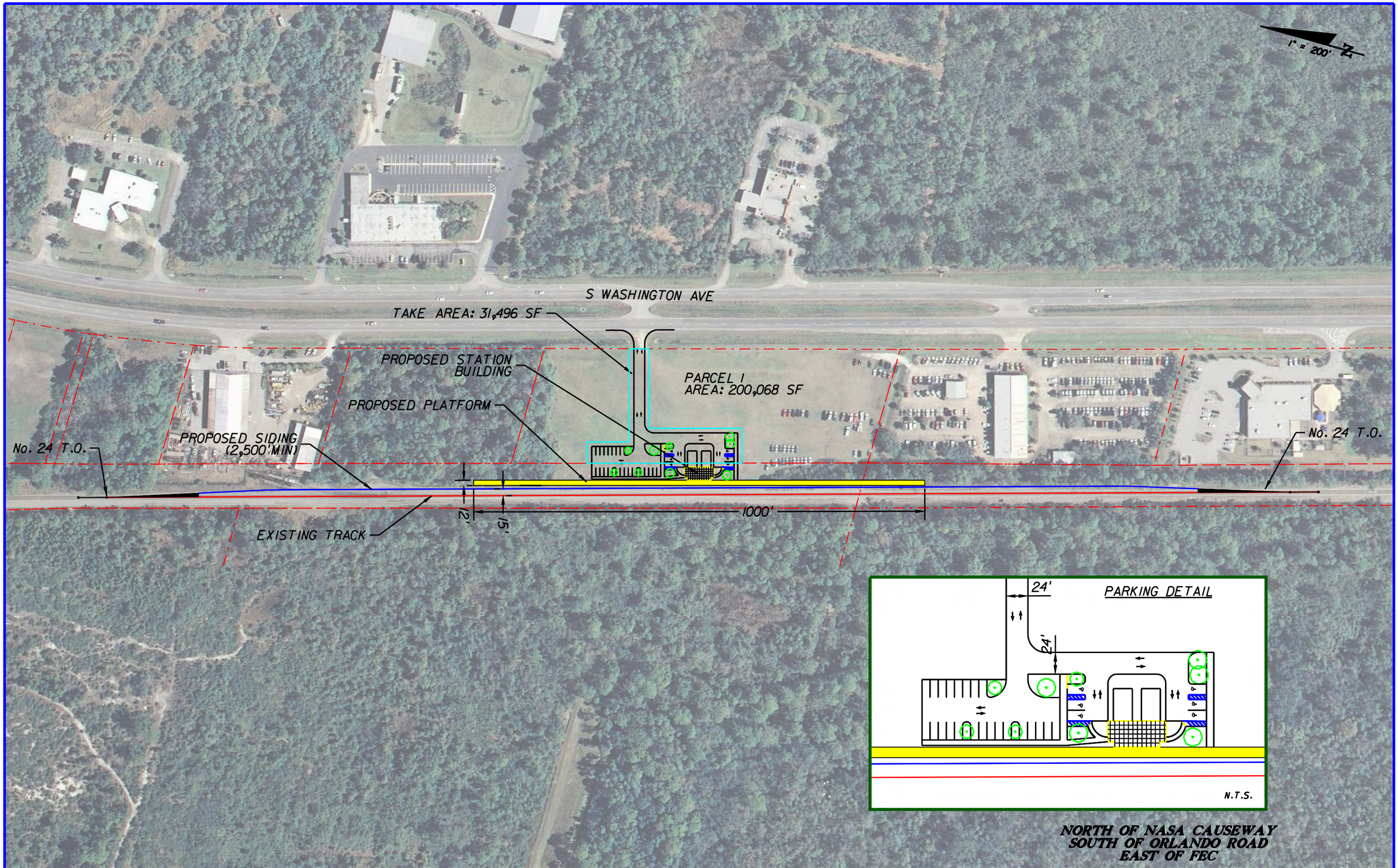
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
TITUSVILLE ALTERNATIVE 3:
SPACE COAST REGIONAL AIRPORT

SHEET NO. 03

USER: rhawthorn 6/30/2010 12:49:32 PM I:\projects\550660\4_task_14_amtrak_fec\dwgs\700 ft platforms\4. titusville\PLANRD02.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
TITUSVILLE ALTERNATIVE 4: SOUTH OF S.R. 50

SHEET NO. 04

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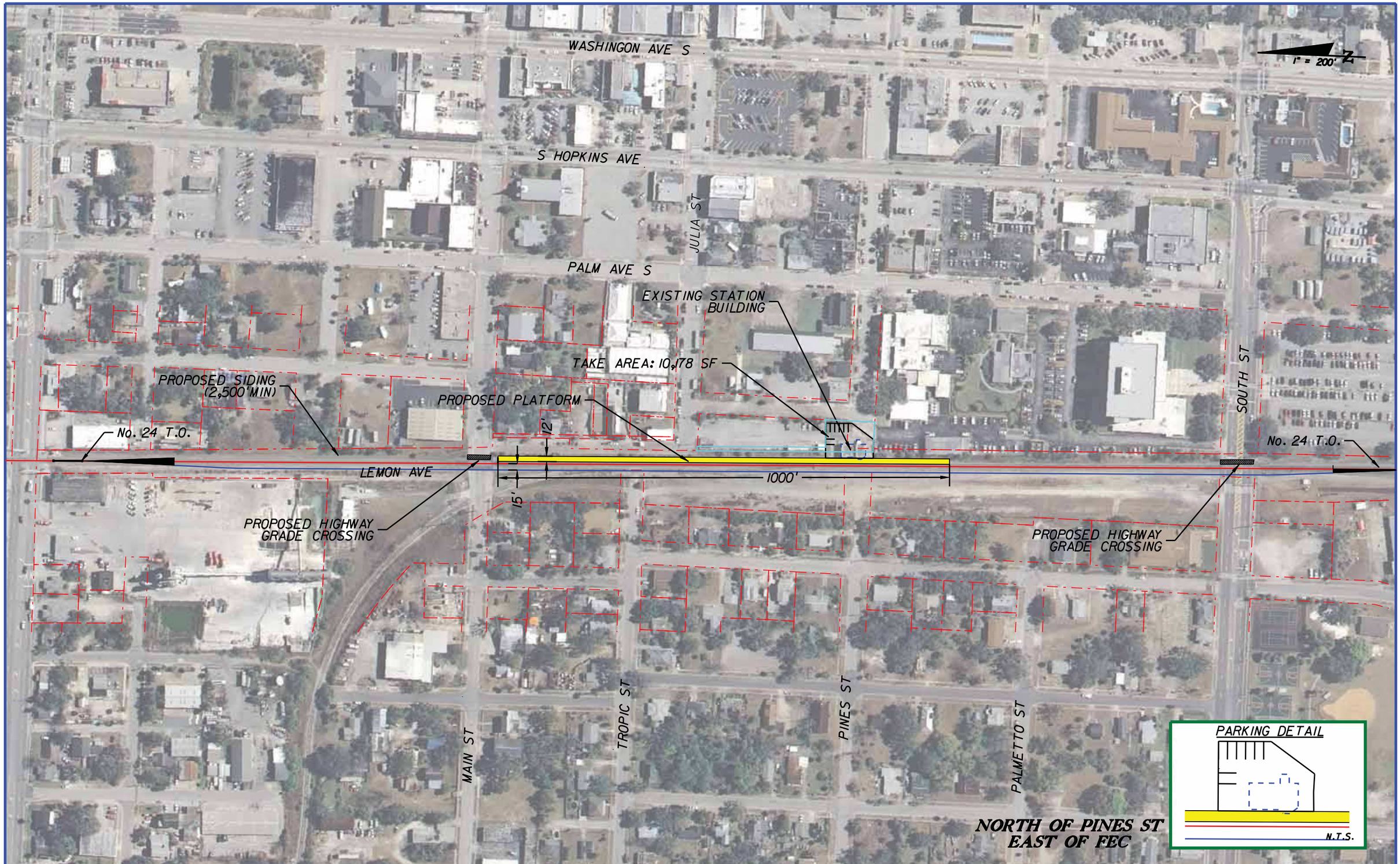

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
		- - -

CONCEPT PLAN
TITUSVILLE ALTERNATIVE 2: NORTH OF PINE STREET

SHEET NO.
02

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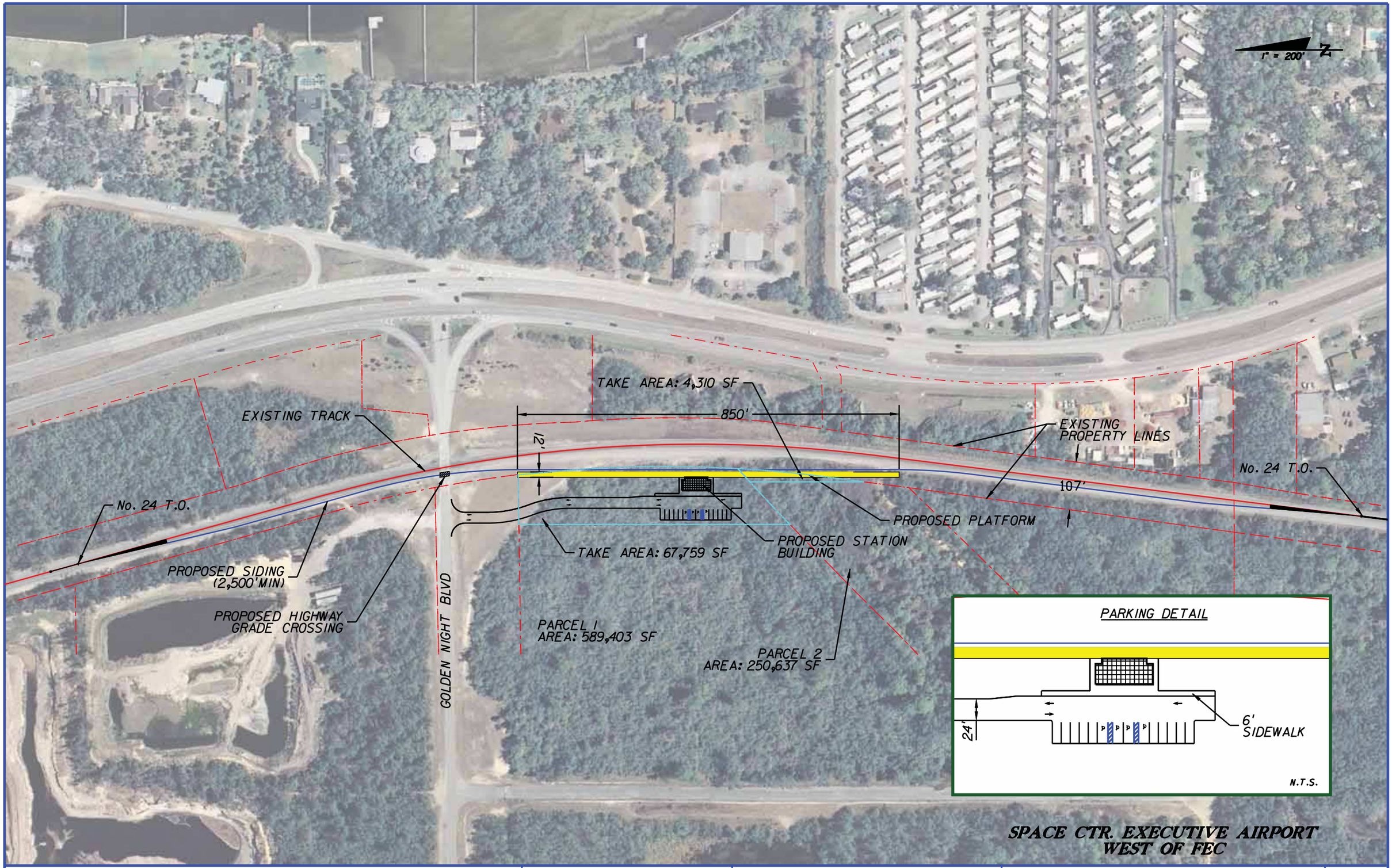

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
TITUSVILLE ALTERNATIVE 3:
SPACE COAST REGIONAL AIRPORT

SHEET NO. 03

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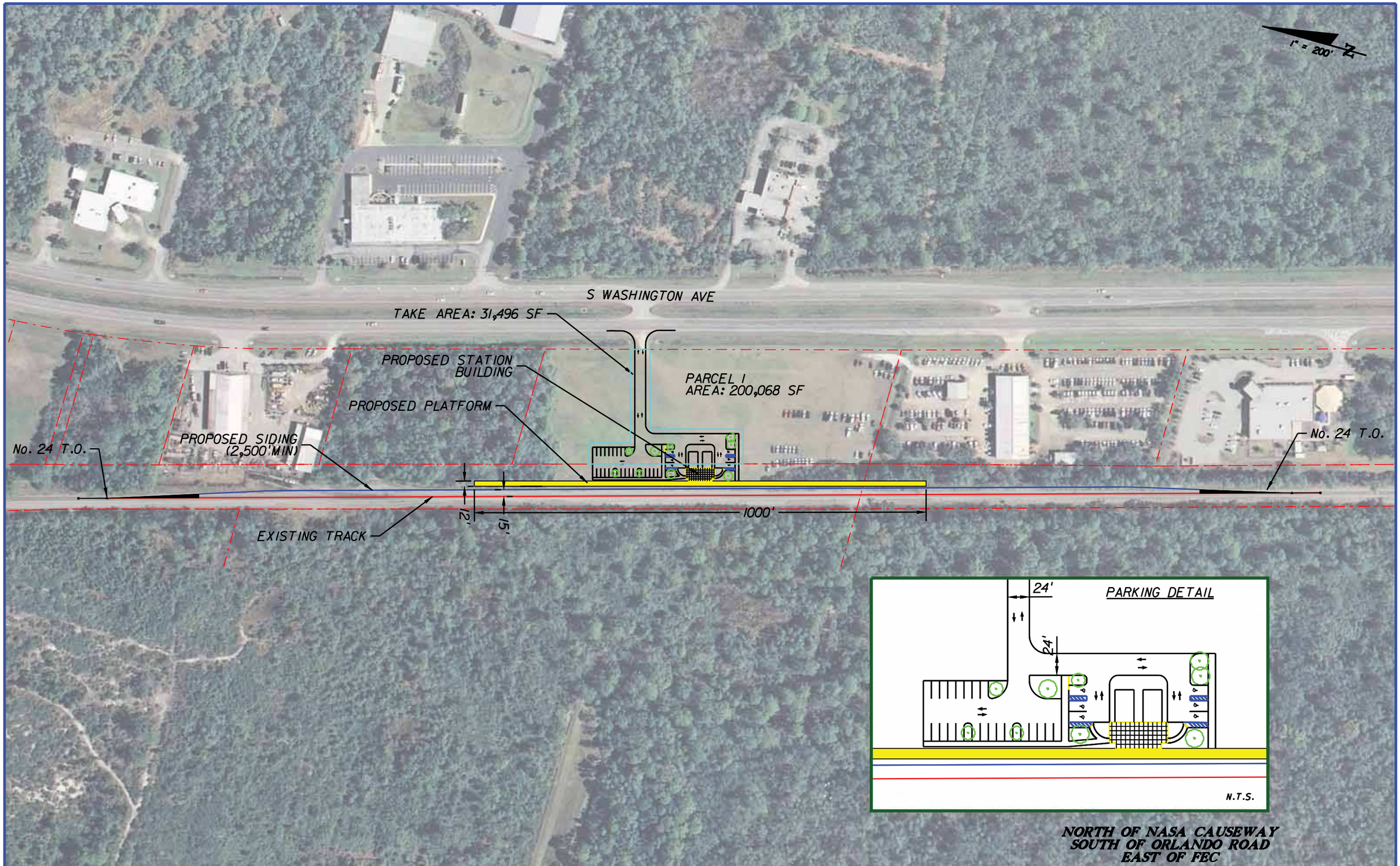

NORTH OF NASA CAUSEWAY
SOUTH OF ORLANDO ROAD
EAST OF FEC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	BREVARD	- - -

CONCEPT PLAN
TITUSVILLE ALTERNATIVE 4: SOUTH OF S.R. 50

SHEET NO. 04

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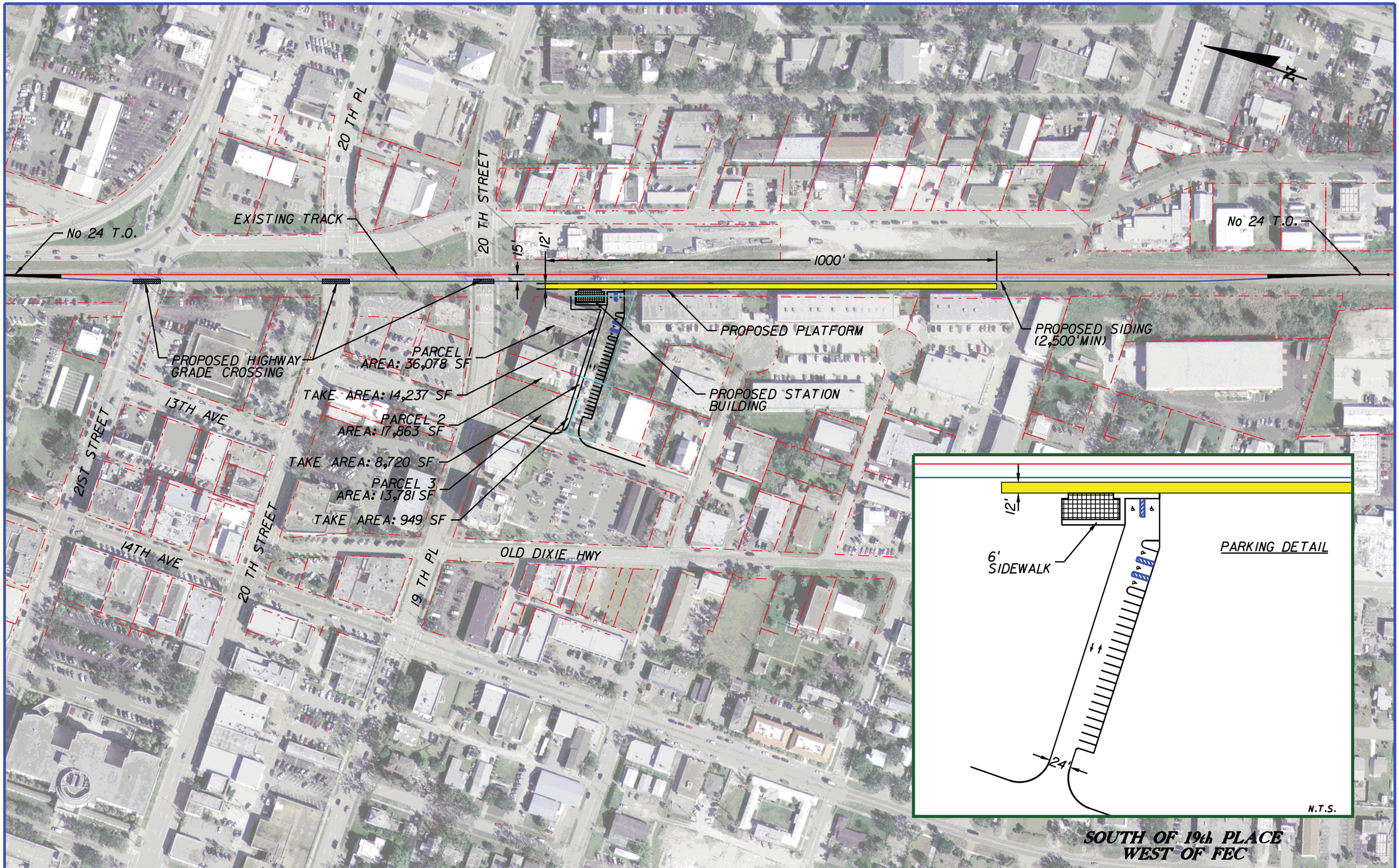


REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

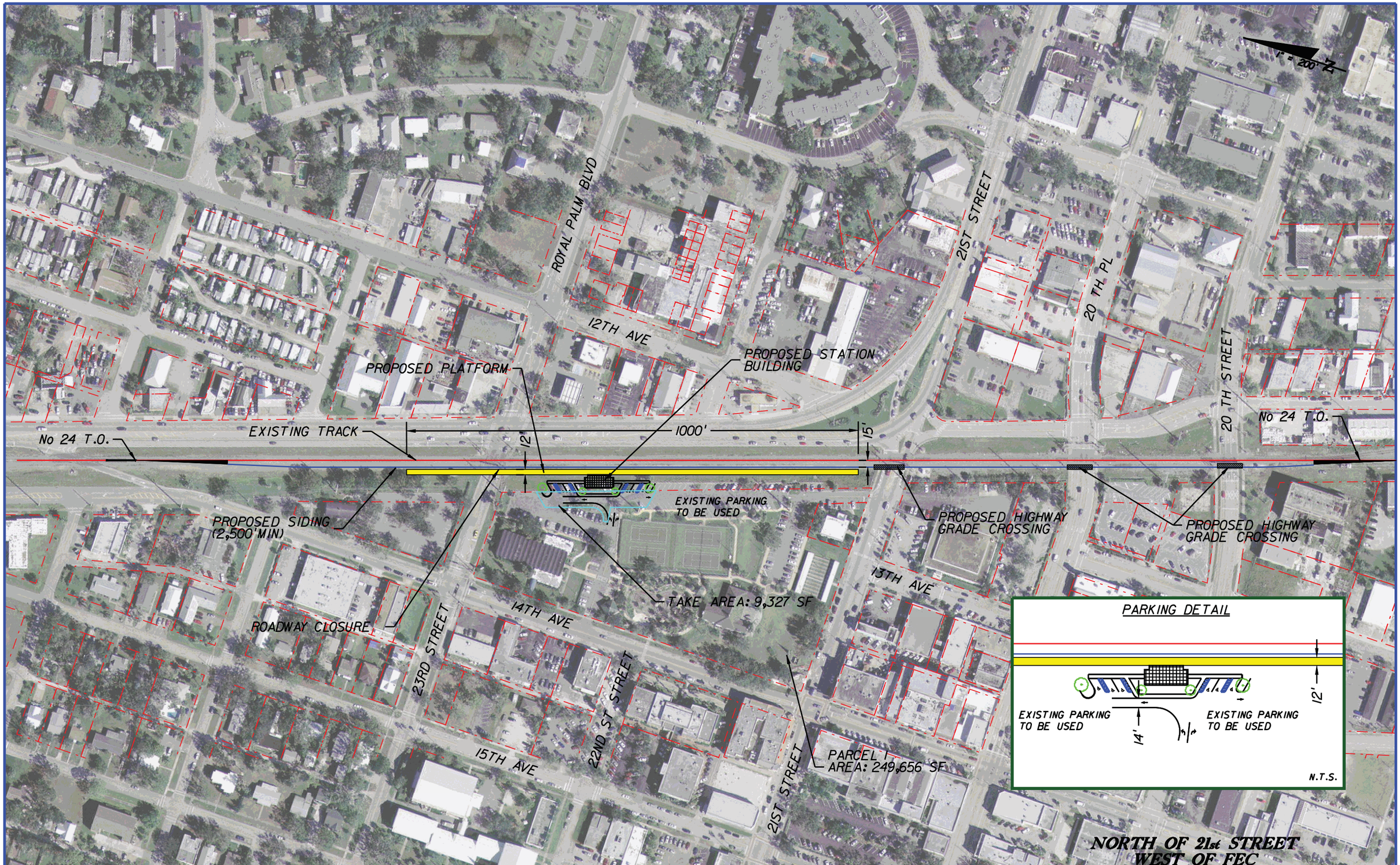
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	INDIAN RIVER	- - -

CONCEPT PLAN
VERO BEACH ALTERNATIVE 1: SOUTH OF 19TH PLACE

SHEET NO.
02

USER: rhawthorn 6/30/2010 1:41:23 PM I:\projects\55066014_task_14_amtrak_fec\dwgs\700 ft platforms\6. vero beach\PLANRD02.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	INDIAN RIVER	- - -

CONCEPT PLAN
VERO BEACH ALTERNATIVE 2: NORTH OF 21ST STREET

SHEET NO. 01

USER: rhawthorn 6/30/2010 1:41:55 PM I:\projects\55066014_task_14_amtrak_fec\dwgs\700 ft platforms\6. vero beach\PLANRD01.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	INDIAN RIVER	- - -

CONCEPT PLAN
VERO BEACH ALTERNATIVE 3:
NORTH OF 23RD STREET

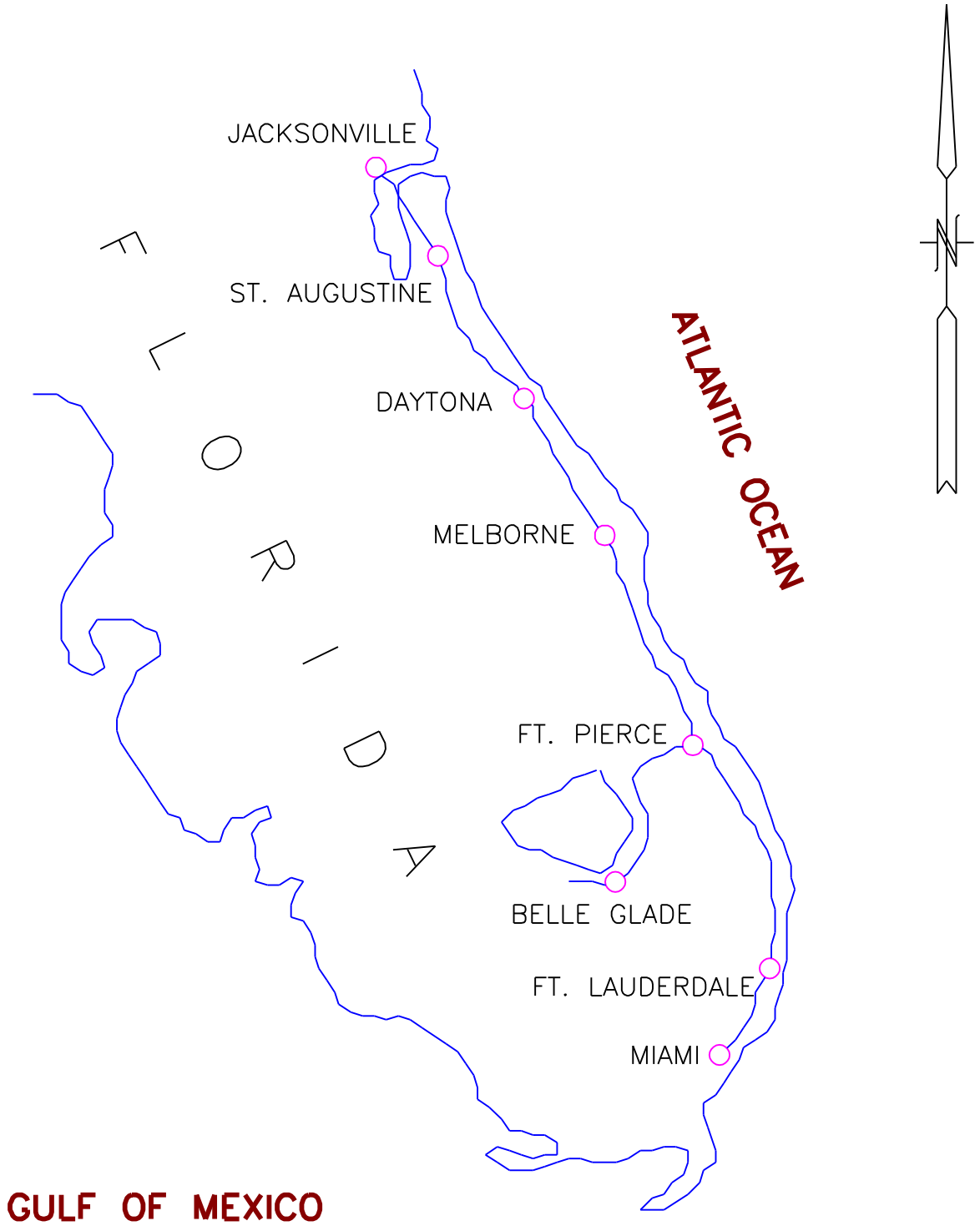
SHEET NO.
01

$USER$ $DATE$ $TIME$ $FILE$

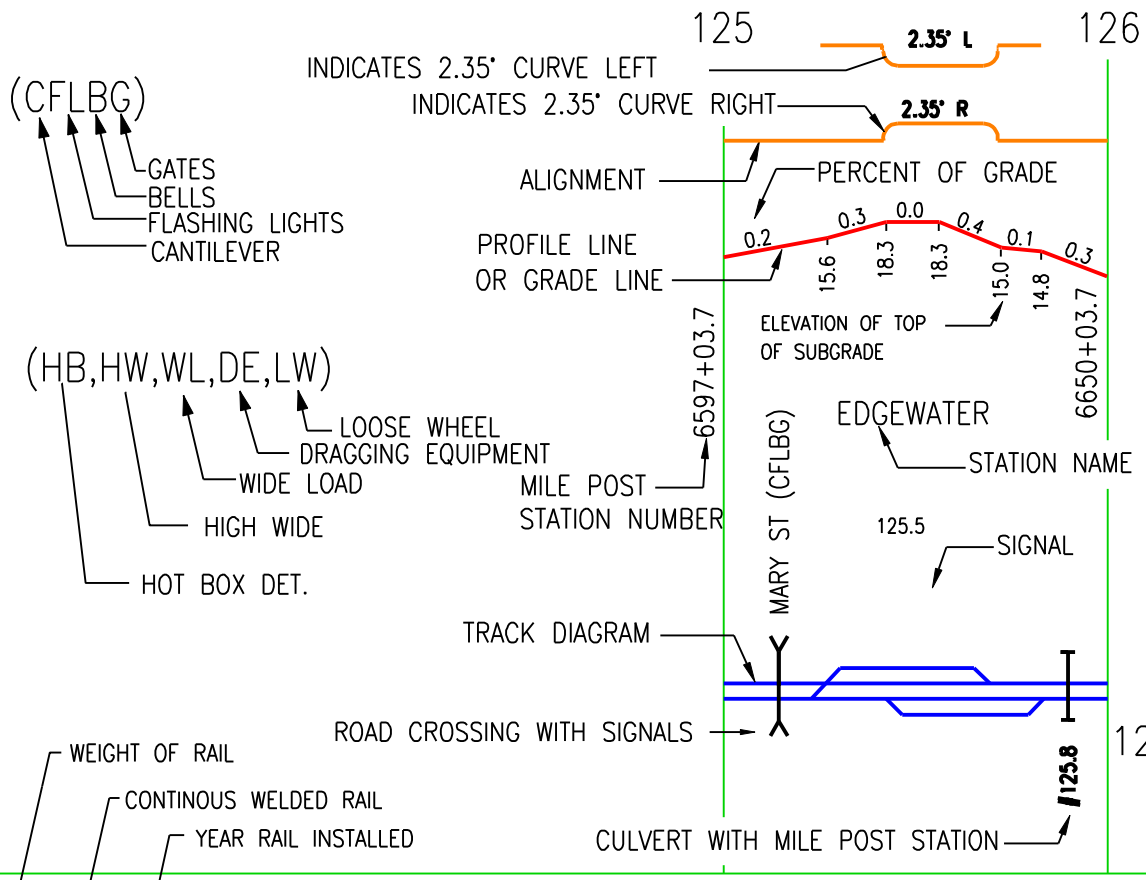
Preferred Alternative
(FEC Railway Track Charts)

FLORIDA EAST COAST RAILWAY
TRACK CHART

OFFICE OF DIRECTOR - ENGINEERING
JACKSONVILLE, FLORIDA


JACKSONVILLE
ST. AUGUSTINE
DAYTONA
MELBORNE
FT. PIERCE
BELLE GLADE
FT. LAUDERDALE
MIAMI
FLORIDA
ATLANTIC OCEAN
GULF OF MEXICO
N

EXPLANATIONS



SYMBOLS

- ROAD CROSSING
- CULVERT (SINGLE)
- CULVERT (DOUBLE)
- RAIL LUBRICATOR
- BOX CULVERT OR SMALL BRIDGE
- BRIDGE
- HOT BOX DETECTOR
- SIGNALS
- SLIP SWITCH

NOTES

1. ELEVATIONS REFER TO NGV DATUM
2. ALL CURVE INFORMATION IS SHOWN IN DEGREE AND DECIMAL OF DEGREE.

125 FOR CHECKING OF LOCOMOTIVE SPEED INDICATORS 126

WEIGHT OF RAIL
CONTINOUS WELDED RAIL
YEAR RAIL INSTALLED

132# CWR (90)

JOINTED RAIL

115# JR (75)

CONCRETE TIES
YEAR TIES INSTALLED

C. T. (90)

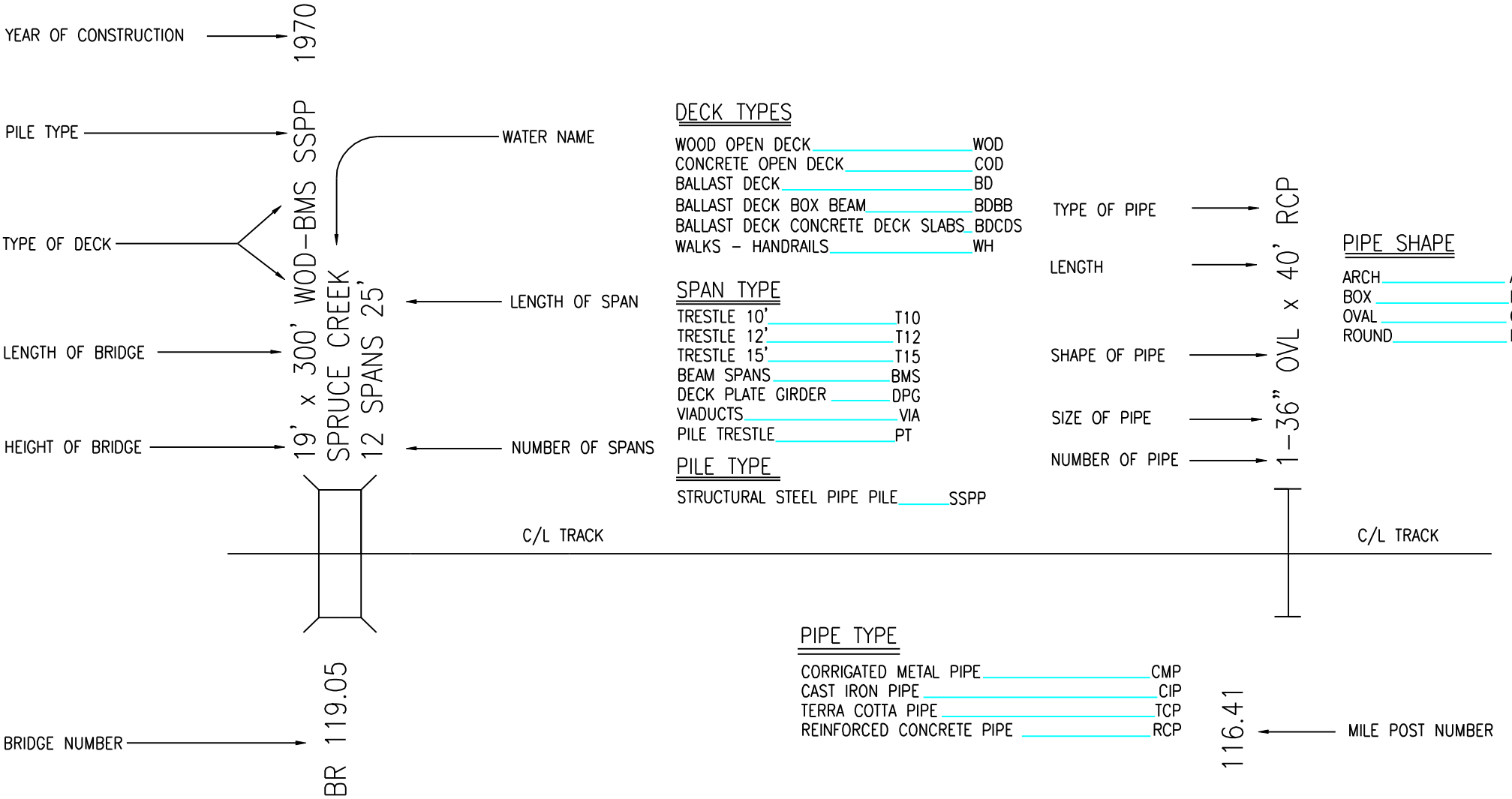
WOOD TIES
YEAR TIES INSTALLED

W. T. (75)

UNDER CUT
YEAR UNDER CUT

U. C. (90)

BRIDGE AND CULVERT PIPE EXPLANATIONS



DECK TYPES

WOOD OPEN DECK	WOD
CONCRETE OPEN DECK	COD
BALLAST DECK	BD
BALLAST DECK BOX BEAM	BDBB
BALLAST DECK CONCRETE DECK SLABS	BDCDS
WALKS – HANDRAILS	WH

SPAN TYPE

TRESTLE 10'	T10
TRESTLE 12'	T12
TRESTLE 15'	T15
BEAM SPANS	BMS
DECK PLATE GIRDER	DPG
VIADUCTS	VIA
PILE TRESTLE	PT

PILE TYPE

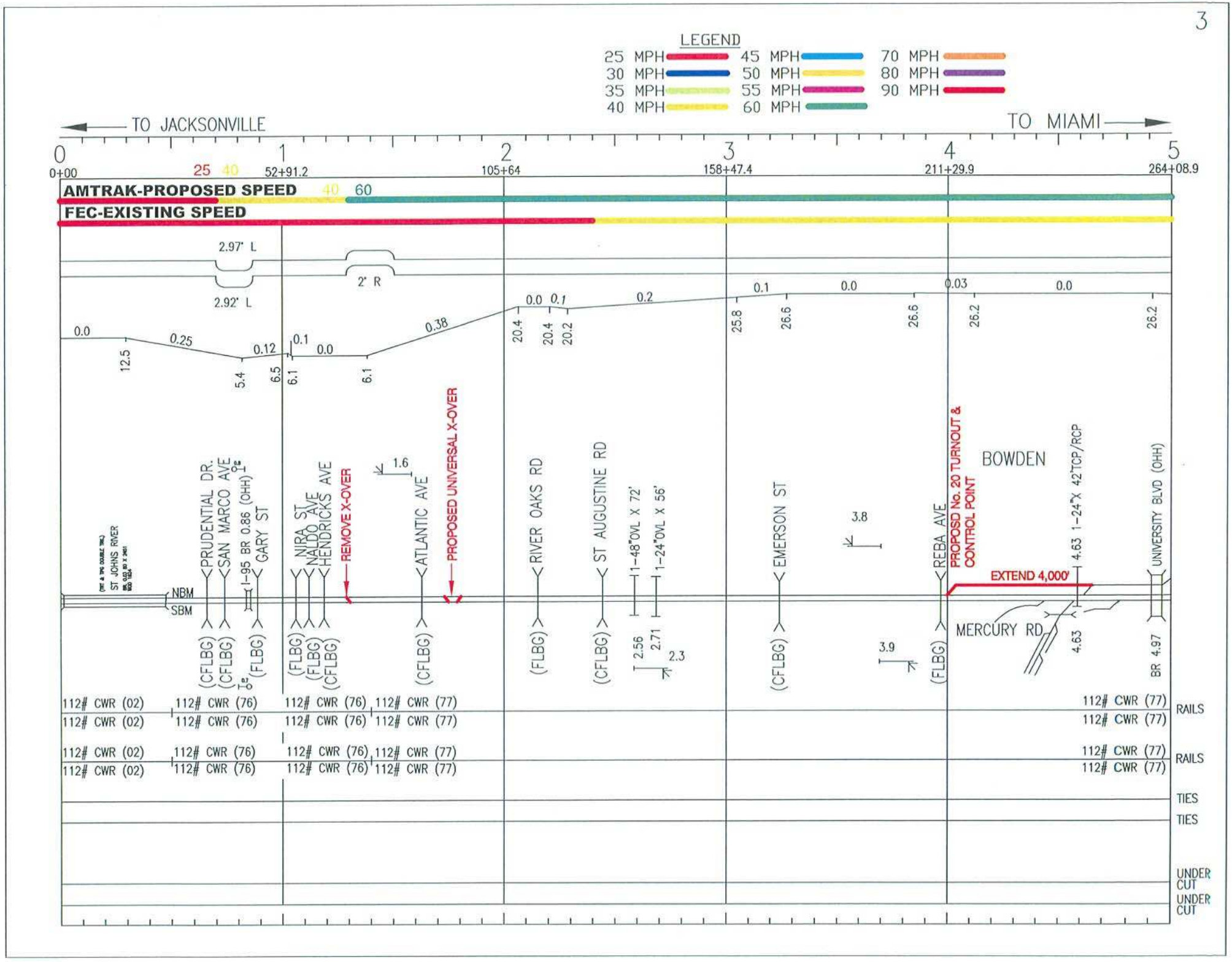
STRUCTURAL STEEL PIPE PILE	SSPP

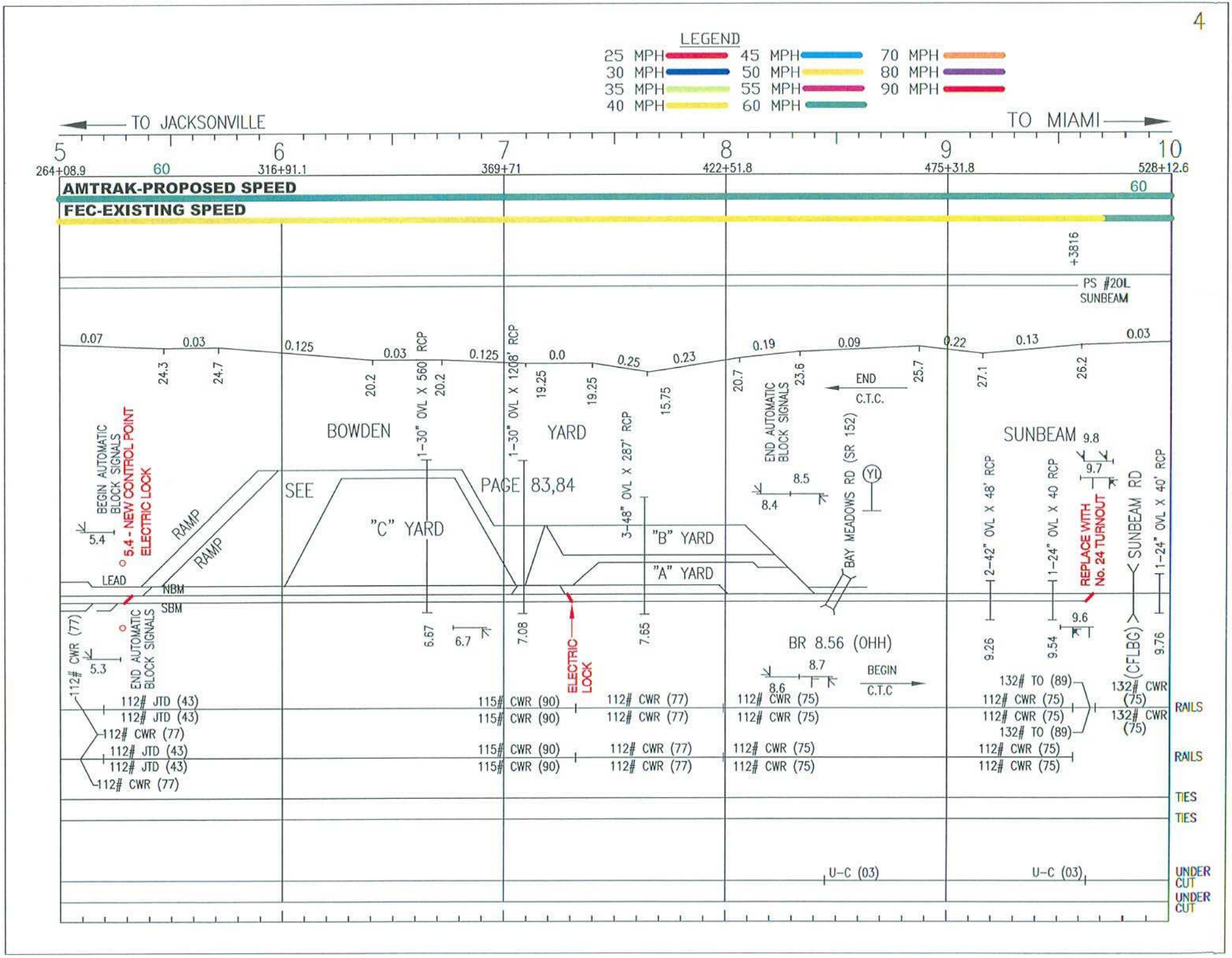
PIPE SHAPE

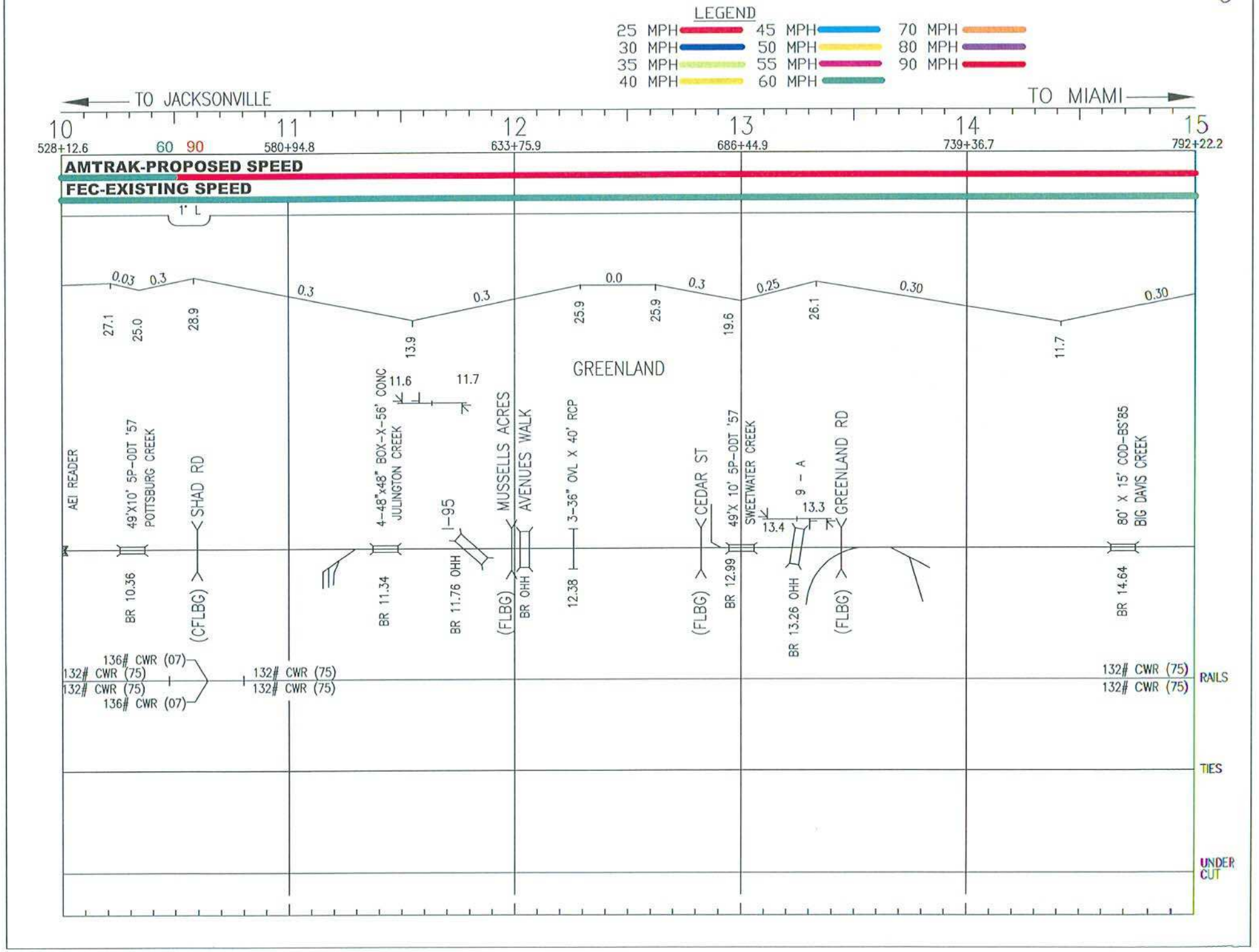
ARCH	ARH
BOX	BOX
OVAL	OVL
ROUND	RND

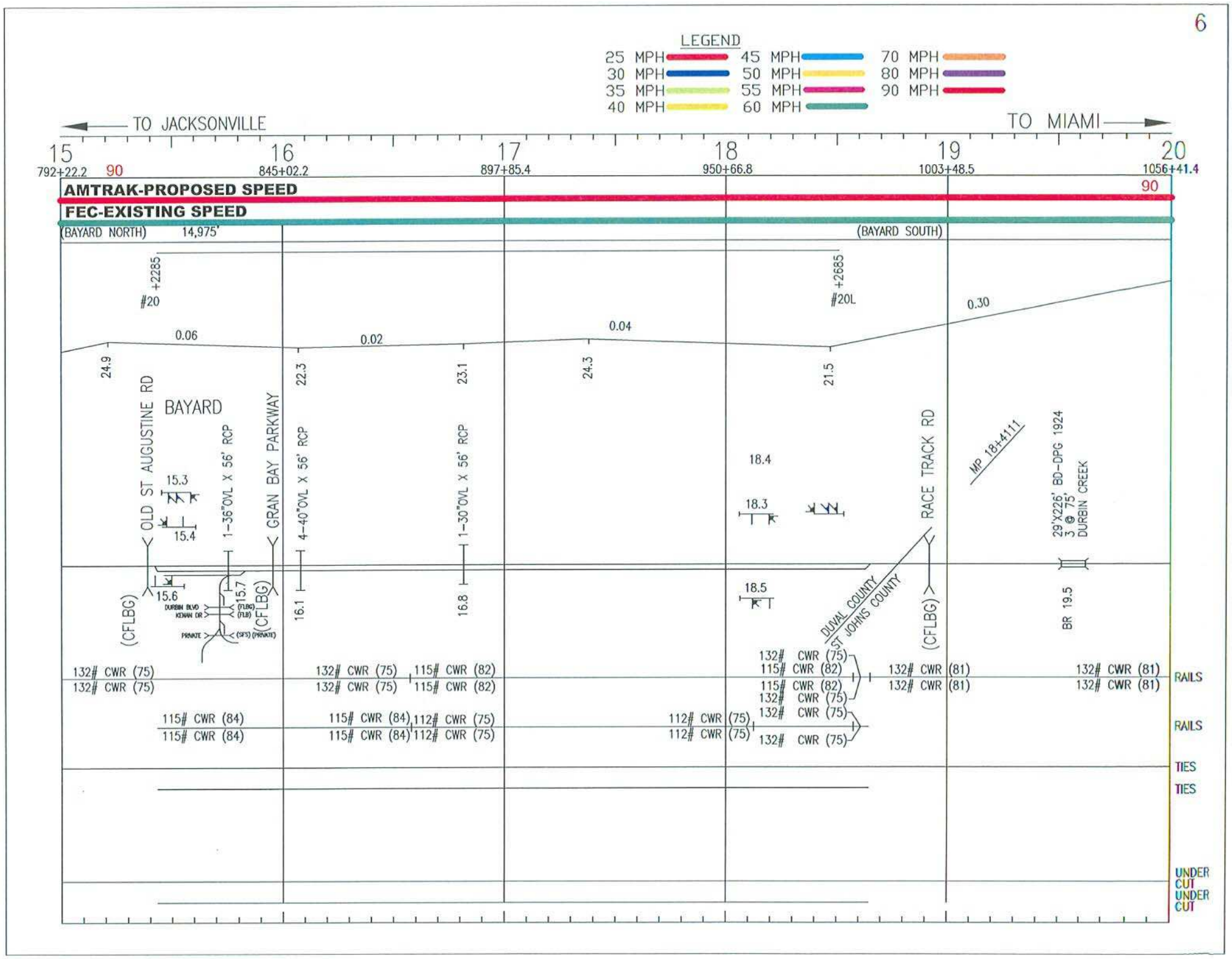
PIPE TYPE

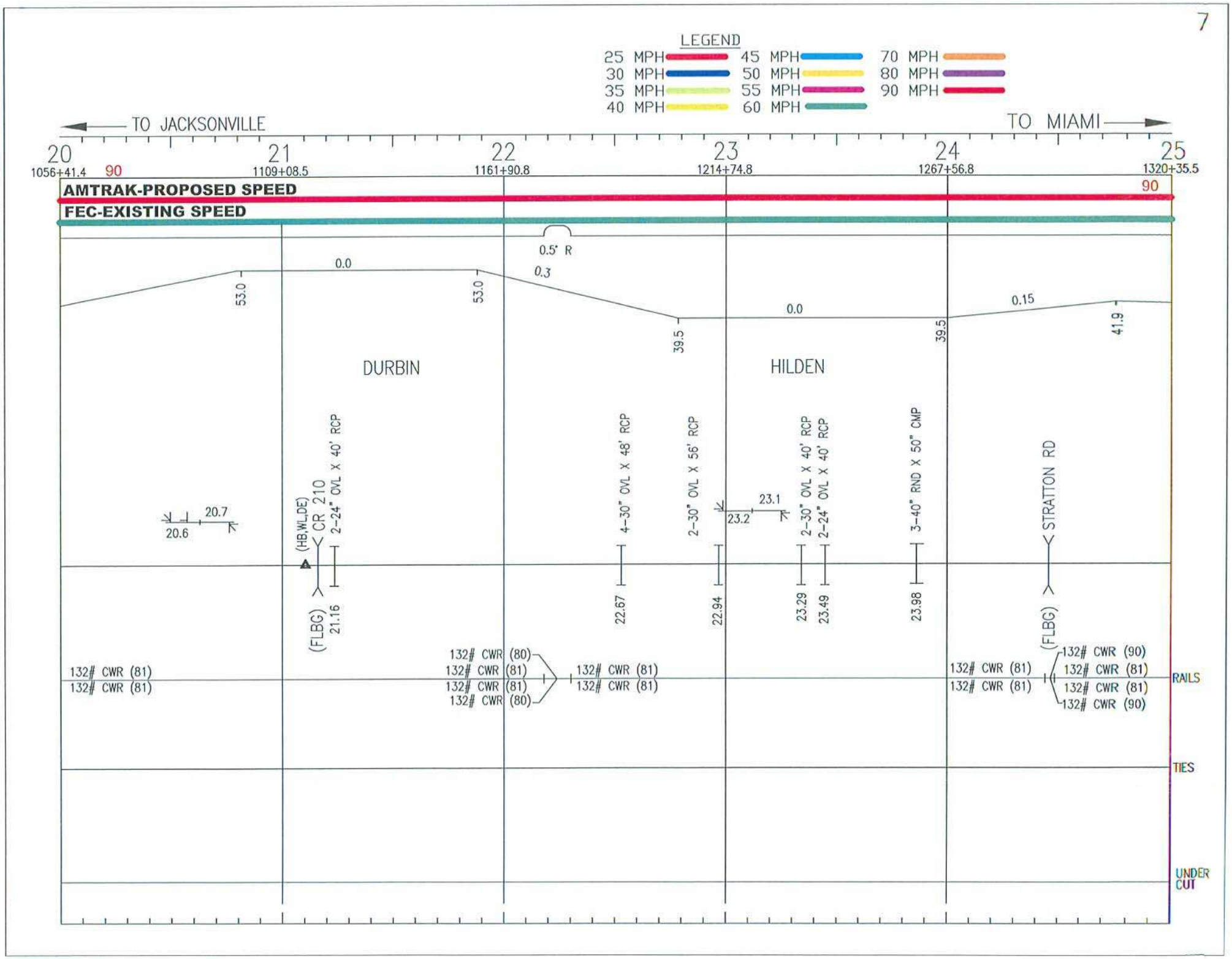
CORRIGATED METAL PIPE	CMP
CAST IRON PIPE	CIP
TERRA COTTA PIPE	TCP
REINFORCED CONCRETE PIPE	RCP

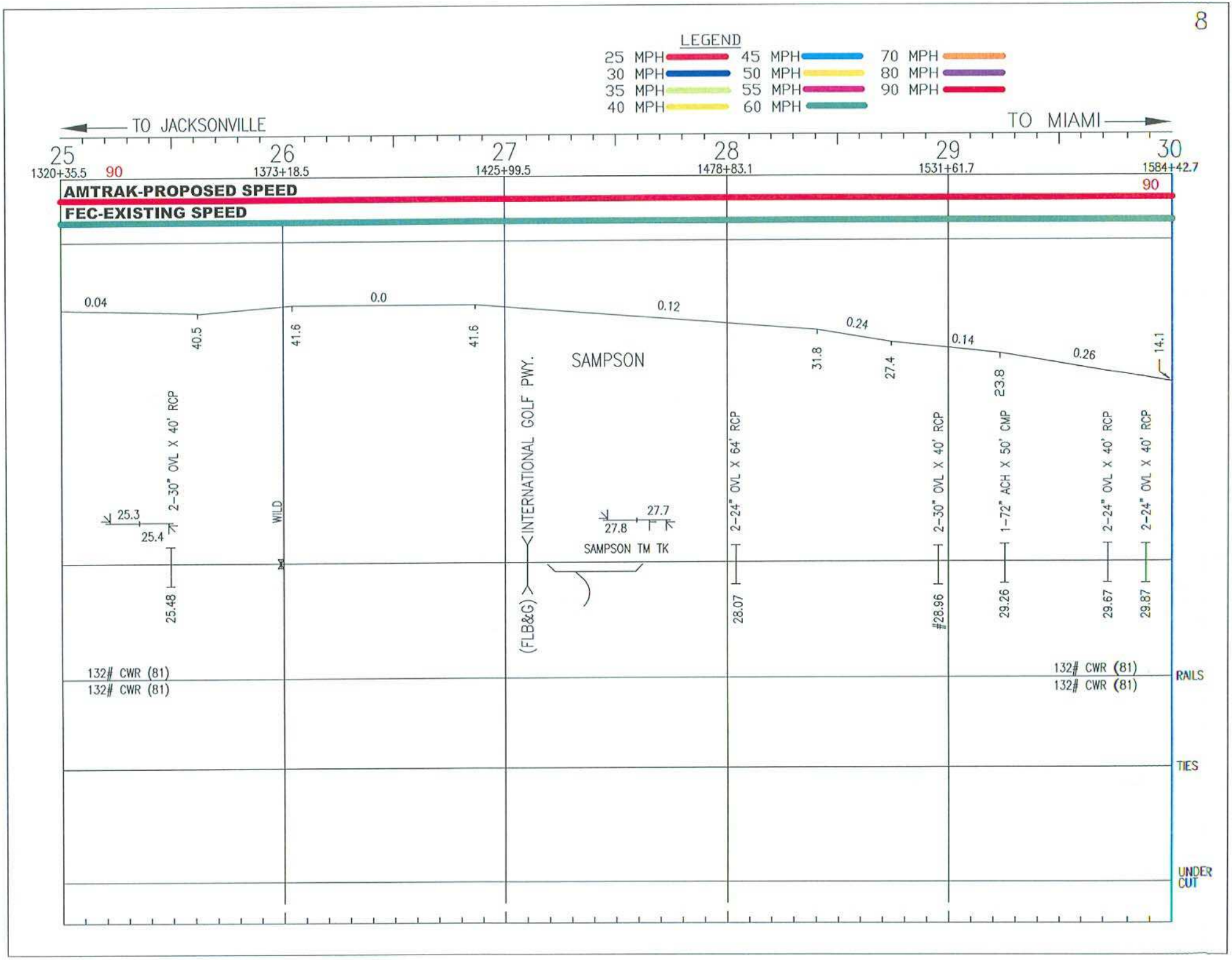

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
0
1
2
3
4
5
0+00
52+91.2
105+64
158+47.4
211+29.9
264+08.9
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
25 40
40 60
2.97° L
2.92° L
2° R
0.0
0.25
0.12
0.1
0.0
0.38
0.0 0.1
0.2
0.1
0.0
0.03
0.0
12.5
5.4
6.5
6.1
6.1
20.4
20.4
20.2
25.8
26.6
26.6
26.2
26.2
ST JOHNS RIVER
NBM
SBM
PRUDENTIAL DR.
SAN MARCO AVE
I-95 BR 0.86 (OHH)
GARY ST
NIRA ST
NALDO AVE
HENDRICKS AVE
REMOVE X-OVER
1.6
ATLANTIC AVE
PROPOSED UNIVERSAL X-OVER
RIVER OAKS RD
ST AUGUSTINE RD
1-48"OVL X 72'
1-24"OVL X 56'
EMERSON ST
3.8
REBA AVE
PROPOSD No. 20 TURNOUT &
CONTROL POINT
BOWDEN
4.63 1-24"X 42"TCP/RCP
UNIVERSITY BLVD (OHH)
EXTEND 4,000'
MERCURY RD
4.63
BR 4.97
(CFLBG)
(CFLBG)
(FLBG)
(FLBG)
(FLBG)
(CFLBG)
(CFLBG)
(FLBG)
(CFLBG)
2.56
2.71
2.3
(CFLBG)
3.9
(FLBG)
112# CWR (02)
112# CWR (76)
112# CWR (77)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

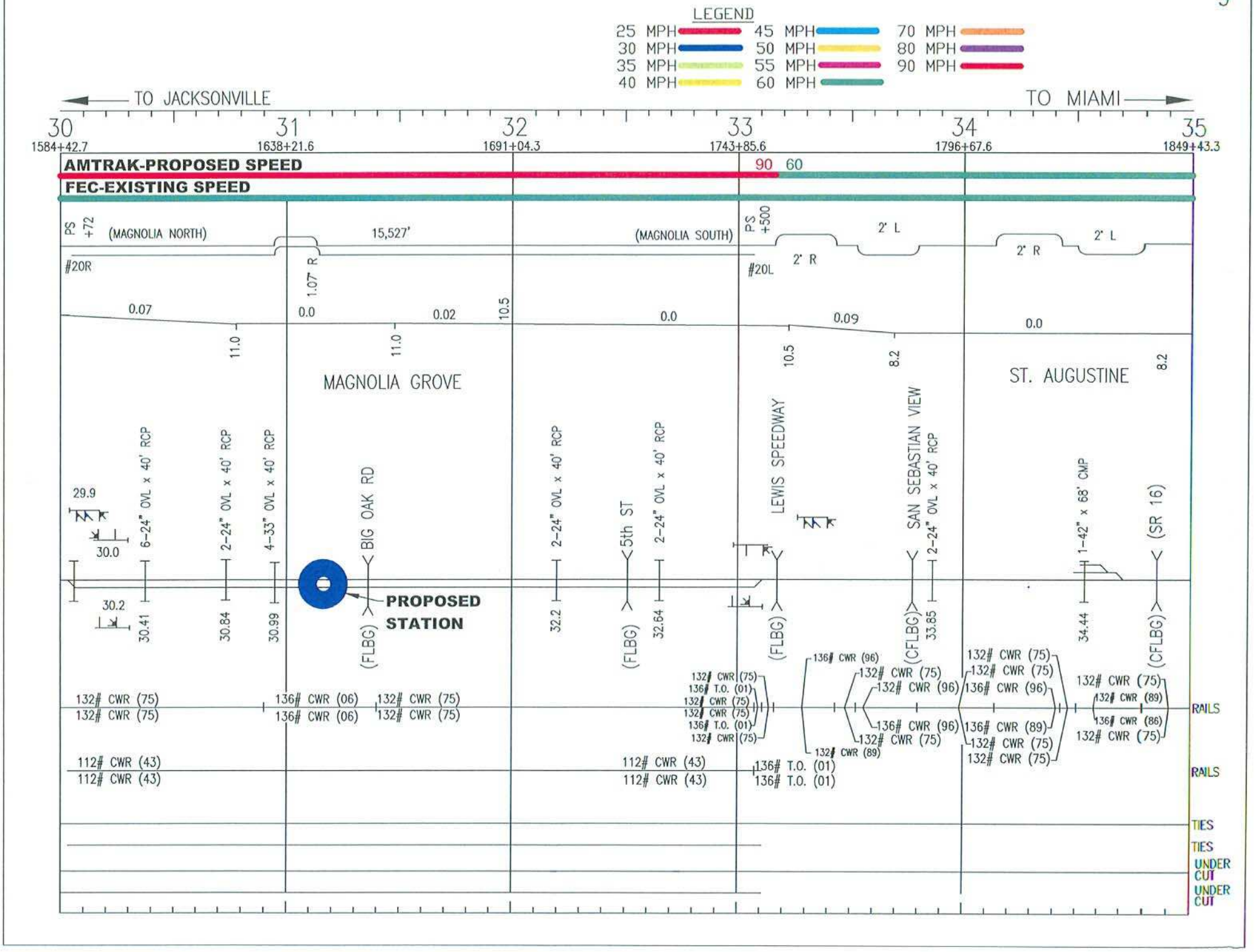

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
5
6
7
8
9
10
264+08.9
316+91.1
369+71
422+51.8
475+31.8
528+12.6
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
60
+3816
PS #20L
SUNBEAM
BEGIN AUTOMATIC BLOCK SIGNALS
5.4 - NEW CONTROL POINT
ELECTRIC LOCK
RAMP
RAMP
LEAD
NBM
SBM
END AUTOMATIC BLOCK SIGNALS
BOWDEN
YARD
SEE
PAGE 83,84
"C" YARD
"B" YARD
"A" YARD
1-30" OVL X 560' RCP
1-30" OVL X 1208' RCP
3-48" OVL X 287' RCP
END AUTOMATIC BLOCK SIGNALS
BAY MEADOWS RD (SR 152)
END
C.T.C.
SUNBEAM
2-42" OVL X 48' RCP
1-24" OVL X 40 RCP
REPLACE WITH No. 24 TURNOUT
SUNBEAM RD
1-24" OVL X 40' RCP
(CFLBG)
BR 8.56 (OHH)
BEGIN
C.T.C
ELECTRIC LOCK
112# CWR (77)
112# JTD (43)
112# JTD (43)
112# CWR (77)
112# JTD (43)
112# JTD (43)
112# CWR (77)
115# CWR (90)
115# CWR (90)
115# CWR (90)
115# CWR (90)
112# CWR (77)
112# CWR (77)
112# CWR (77)
112# CWR (77)
112# CWR (75)
112# CWR (75)
112# CWR (75)
112# CWR (75)
132# TO (89)
112# CWR (75)
112# CWR (75)
132# TO (89)
112# CWR (75)
112# CWR (75)
132# CWR (75)
132# CWR (75)
RAILS
RAILS
TIES
TIES
U-C (03)
U-C (03)
UNDER CUT
UNDER CUT

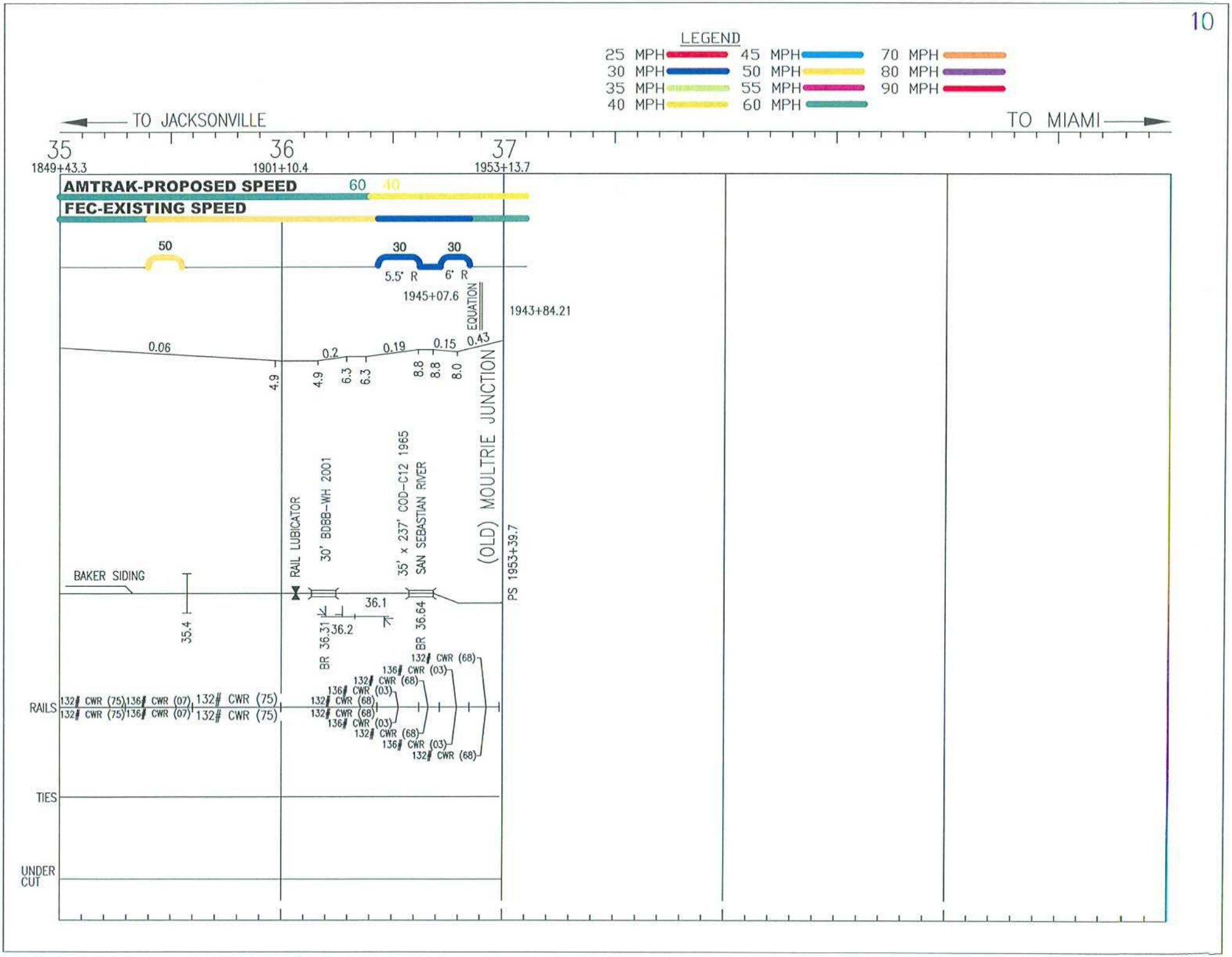

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
10
528+12.6
60 90
11
580+94.8
12
633+75.9
13
686+44.9
14
739+36.7
15
792+22.2
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
1° L
0.03 0.3 0.3 0.3 0.0 0.3 0.25 0.30 0.30
27.1 25.0 28.9 13.9 25.9 25.9 19.6 26.1 11.7
GREENLAND
AEI READER
49'X10' 5P-ODT '57
POTTSBURG CREEK
SHAD RD
4-48"x48" BOX-X-56' CONC
JULINGTON CREEK
11.6 11.7
I-95
MUSSELLS ACRES
AVENUES WALK
3-36" OVL X 40' RCP
CEDAR ST
49'X 10' 5P-ODT '57
SWEETWATER CREEK
9 - A
13.4 13.3
GREENLAND RD
80' X 15' COD-BS'85
BIG DAVIS CREEK
BR 10.36
(CFLBG)
BR 11.34
BR 11.76 OHH
(FLBG)
BR OHH
12.38
(FLBG)
BR 12.99
BR 13.26 OHH
(FLBG)
BR 14.64
136# CWR (07)
132# CWR (75)
132# CWR (75)
136# CWR (07)
132# CWR (75)
132# CWR (75)
132# CWR (75)
132# CWR (75)
RAILS
TIES
UNDER CUT

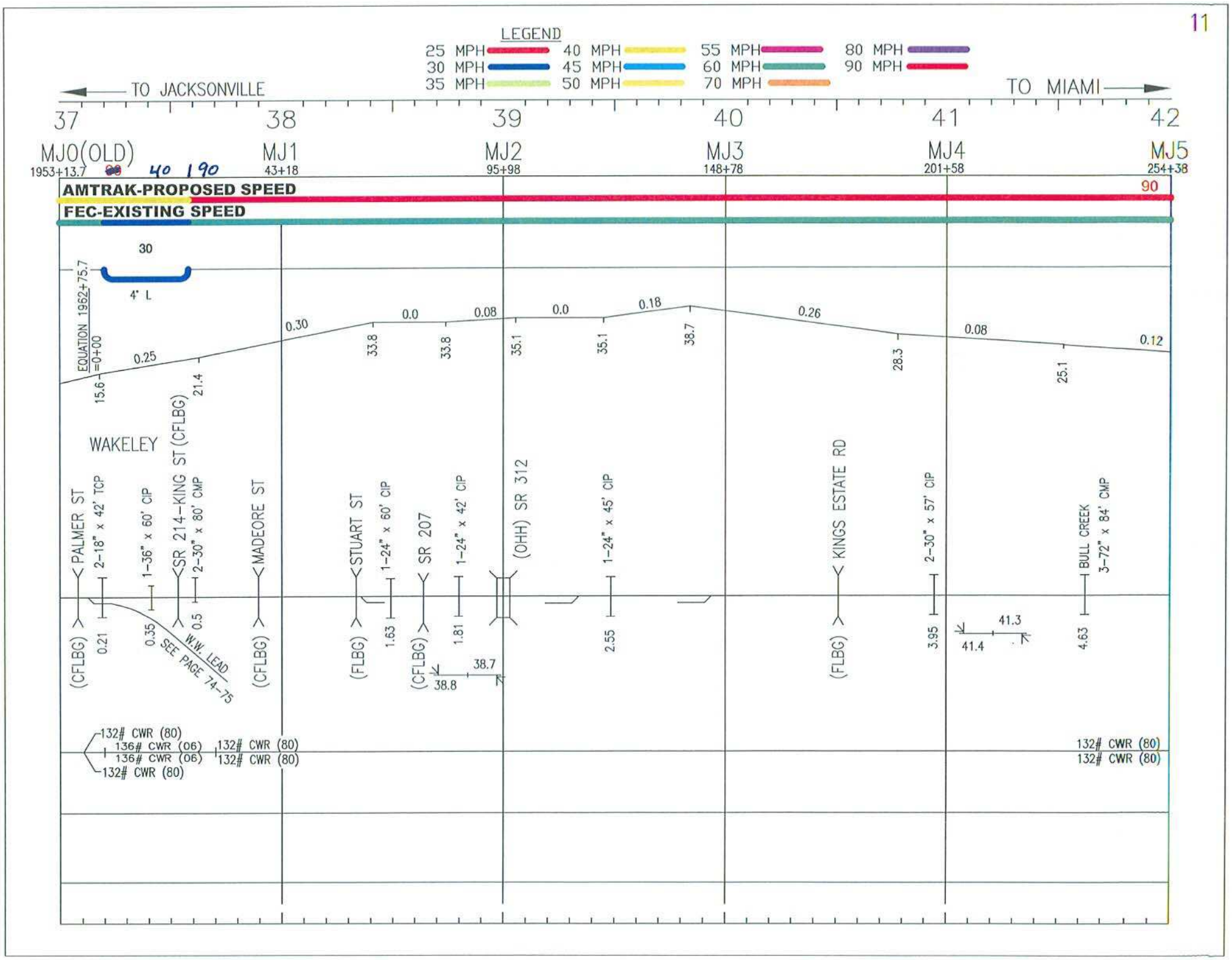

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
15
16
17
18
19
20
792+22.2
845+02.2
897+85.4
950+66.8
1003+48.5
1056+41.4
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
(BAYARD NORTH)
14,975'
(BAYARD SOUTH)
+2285
#20
+2685
#20L
0.06
0.02
0.04
0.30
24.9
22.3
23.1
24.3
21.5
BAYARD
OLD ST AUGUSTINE RD
GRAN BAY PARKWAY
RACE TRACK RD
MP 18+4111
1-36"OVL X 56' RCP
4-40"OVL X 56' RCP
1-30"OVL X 56' RCP
29'X226' BD-DPG 1924
3 @ 75'
DURBIN CREEK
15.3
15.4
15.6
15.7
16.1
16.8
18.4
18.3
18.5
BR 19.5
DURBIN BLVD
KENAN DR
PRIVATE
(FLBG)
(FLB)
(SFS) (PRIVATE)
(CFLBG)
DUVAL COUNTY
ST JOHNS COUNTY
132# CWR (75)
132# CWR (75)
115# CWR (82)
115# CWR (82)
132# CWR (81)
132# CWR (81)
115# CWR (84)
115# CWR (84)
112# CWR (75)
112# CWR (75)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

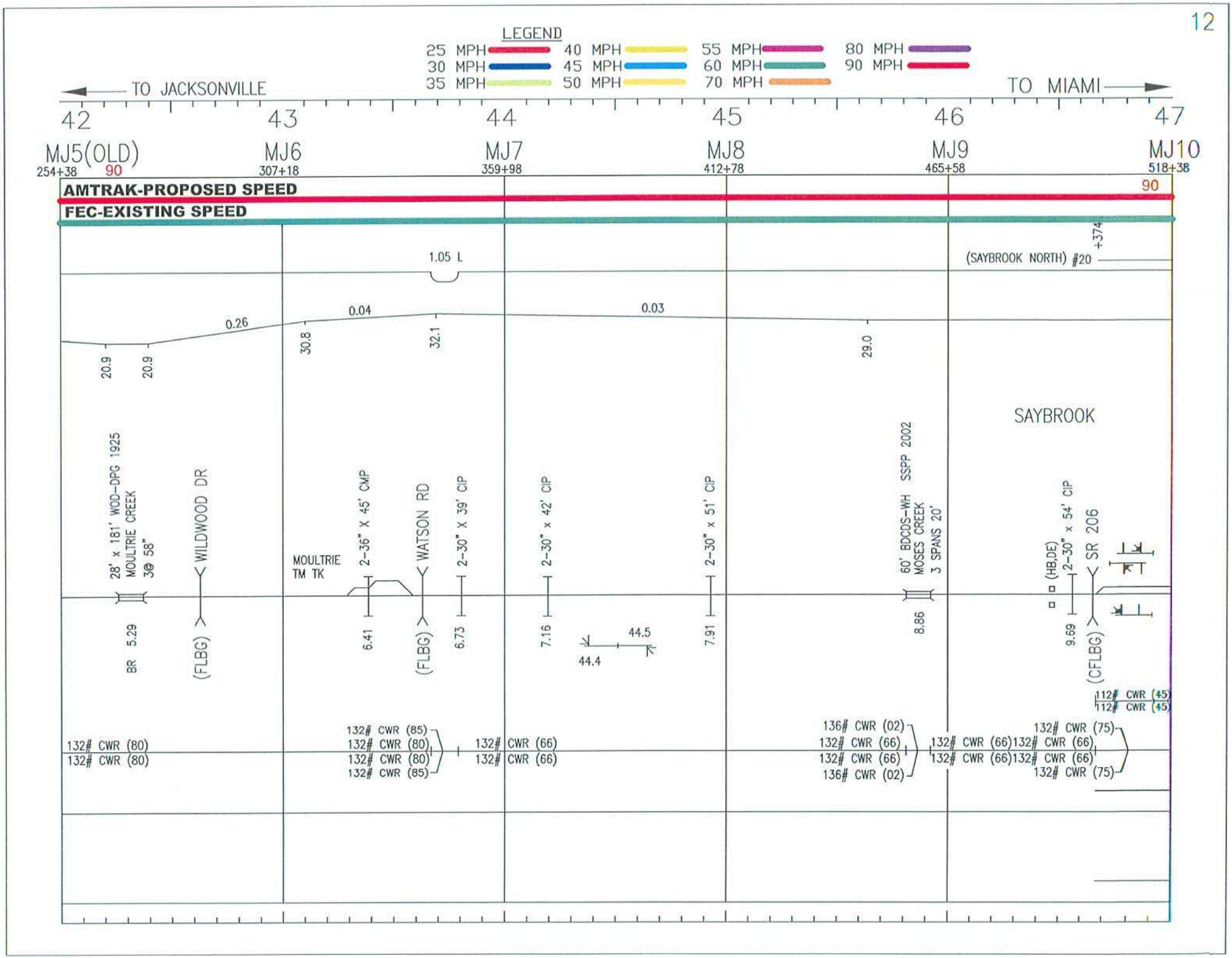

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
20
21
22
23
24
25
1056+41.4
1109+08.5
1161+90.8
1214+74.8
1267+56.8
1320+35.5
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
0.5° R
0.0
0.3
53.0
53.0
39.5
0.0
39.5
0.15
41.9
DURBIN
HILDEN
20.7
20.6
(HB,WL,DE)
CR 210
2-24" OVL X 40' RCP
(FLBG)
21.16
4-30" OVL X 48' RCP
22.67
2-30" OVL X 56' RCP
22.94
23.1
23.2
2-30" OVL X 40' RCP
2-24" OVL X 40' RCP
23.29
23.49
3-40" RND X 50" CMP
23.98
STRATTON RD
(FLBG)
132# CWR (81)
132# CWR (81)
132# CWR (80)
132# CWR (81)
132# CWR (81)
132# CWR (80)
132# CWR (81)
132# CWR (81)
132# CWR (81)
132# CWR (81)
132# CWR (90)
132# CWR (81)
132# CWR (81)
132# CWR (90)
RAILS
TIES
UNDER CUT

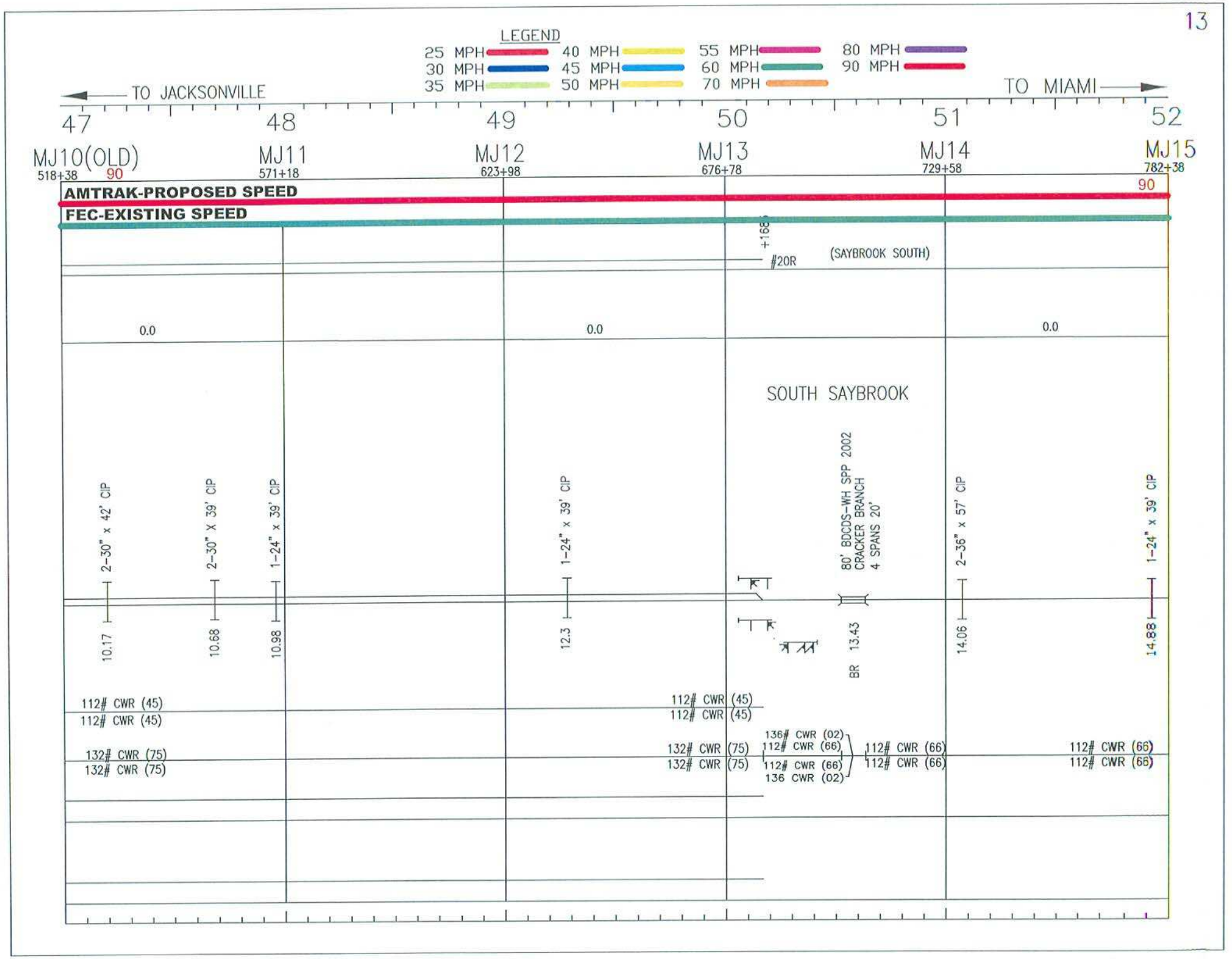

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
25
1320+35.5
90
26
1373+18.5
27
1425+99.5
28
1478+83.1
29
1531+61.7
30
1584+42.7
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
0.04
0.0
0.12
0.24
0.14
0.26
40.5
41.6
41.6
31.8
27.4
23.8
14.1
2-30" OVL X 40' RCP
WILD
INTERNATIONAL GOLF PWY.
(FLB&G)
SAMPSON
SAMPSON TM TK
2-24" OVL X 64' RCP
2-30" OVL X 40' RCP
1-72" ACH X 50' CMP
2-24" OVL X 40' RCP
2-24" OVL X 40' RCP
25.3
25.4
27.8
27.7
25.48
28.07
#28.96
29.26
29.67
29.87
132# CWR (81)
132# CWR (81)
132# CWR (81)
132# CWR (81)
RAILS
TIES
UNDER CUT

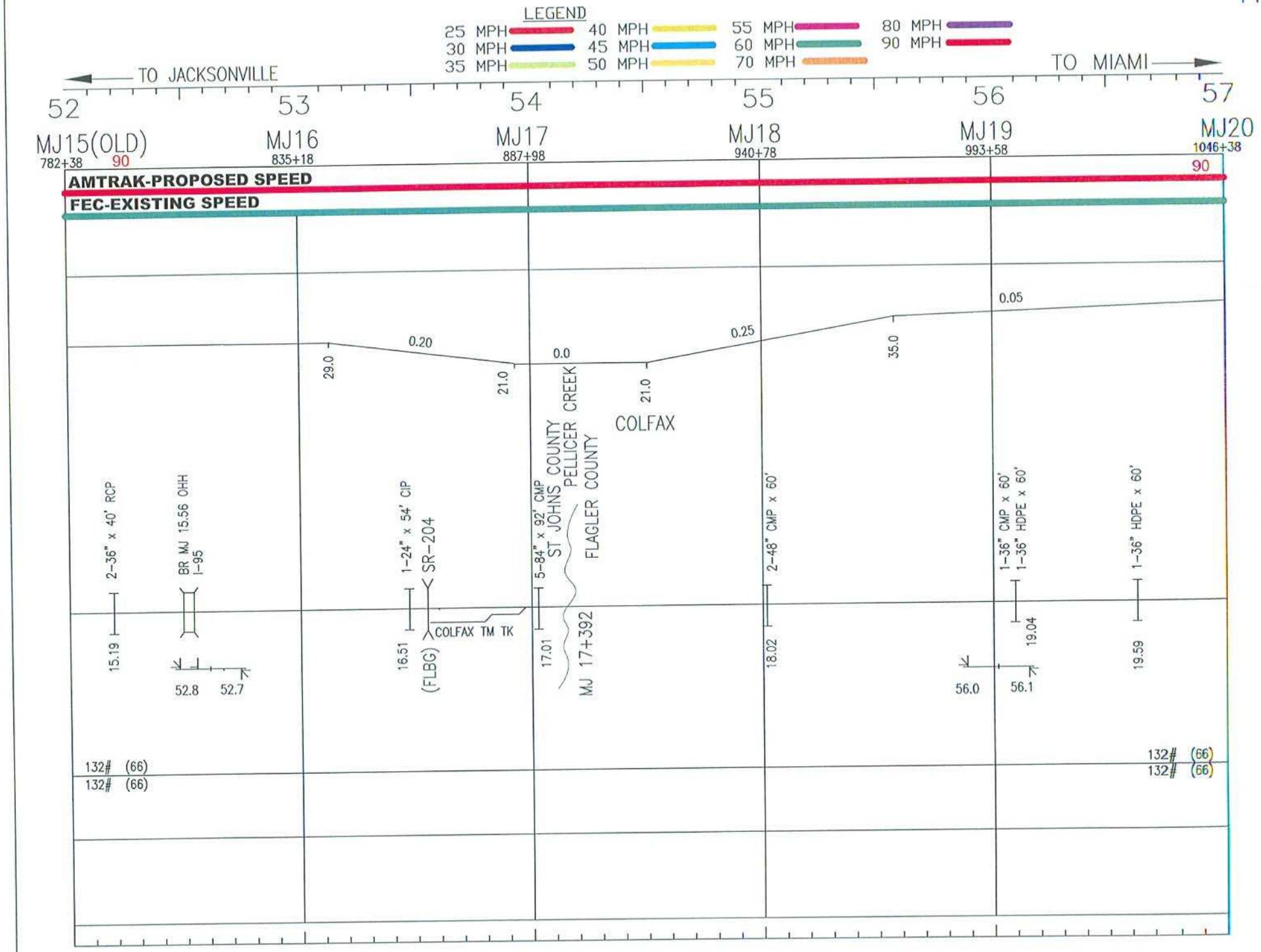

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
30
31
32
33
34
35
1584+42.7
1638+21.6
1691+04.3
1743+85.6
1796+67.6
1849+43.3
AMTRAK-PROPOSED SPEED
90
60
FEC-EXISTING SPEED
PS +72
(MAGNOLIA NORTH)
15,527'
(MAGNOLIA SOUTH)
PS +500
2° L
2° R
2° R
2° L
#20R
#20L
1.07 R
0.07
0.0
0.02
10.5
0.0
0.09
0.0
11.0
11.0
10.5
8.2
8.2
MAGNOLIA GROVE
ST. AUGUSTINE
LEWIS SPEEDWAY
SAN SEBASTIAN VIEW
29.9
30.0
30.2
6-24" OVL x 40' RCP
2-24" OVL x 40' RCP
4-33" OVL x 40' RCP
BIG OAK RD
2-24" OVL x 40' RCP
5th ST
2-24" OVL x 40' RCP
2-24" OVL x 40' RCP
1-42" x 68' CMP
(SR 16)
PROPOSED STATION
30.41
30.84
30.99
(FLBG)
32.2
(FLBG)
32.64
(FLBG)
(CFLBG)
33.85
34.44
(CFLBG)
132# CWR (75)
132# CWR (75)
136# CWR (06)
136# CWR (06)
132# CWR (75)
132# CWR (75)
132# CWR (75)
136# T.O. (01)
132# CWR (75)
132# CWR (75)
136# T.O. (01)
132# CWR (75)
136# CWR (96)
132# CWR (75)
132# CWR (96)
136# CWR (96)
132# CWR (75)
132# CWR (89)
132# CWR (75)
132# CWR (75)
136# CWR (96)
136# CWR (89)
132# CWR (75)
132# CWR (75)
132# CWR (75)
132# CWR (89)
136# CWR (86)
132# CWR (75)
112# CWR (43)
112# CWR (43)
112# CWR (43)
112# CWR (43)
136# T.O. (01)
136# T.O. (01)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

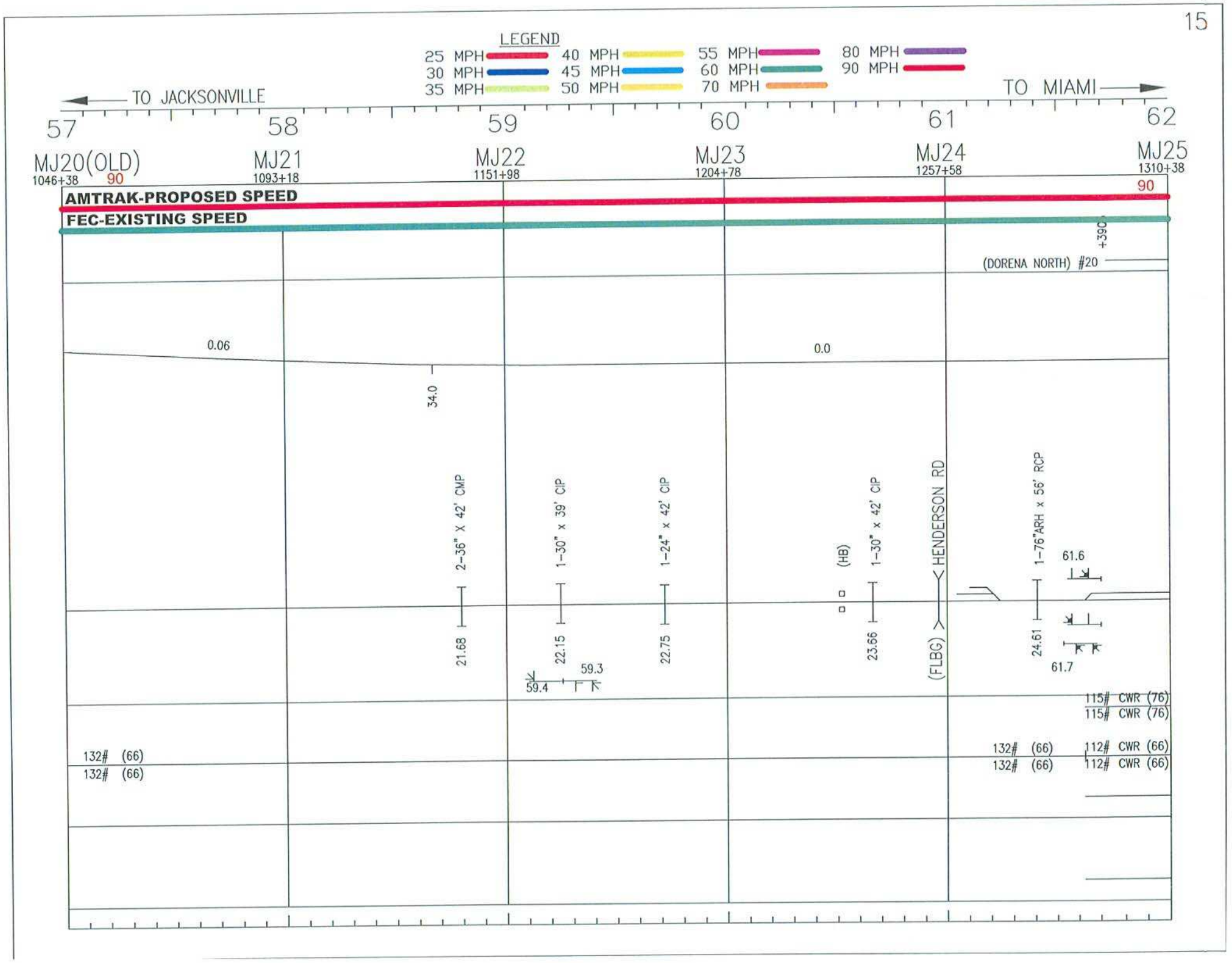

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
35
1849+43.3
36
1901+10.4
37
1953+13.7
AMTRAK-PROPOSED SPEED
60
40
FEC-EXISTING SPEED
50
30
30
5.5° R
6° R
1945+07.6
EQUATION
1943+84.21
0.06
0.2
0.19
0.15
0.43
4.9
4.9
6.3
6.3
8.8
8.8
8.0
(OLD) MOULTRIE JUNCTION
RAIL LUBICATOR
30' BDBB-WH 2001
35' x 237' COD-C12 1965
SAN SEBASTIAN RIVER
PS 1953+39.7
BAKER SIDING
35.4
36.1
36.2
BR 36.31
BR 36.64
RAILS
132# CWR (75)
136# CWR (07)
132# CWR (75)
132# CWR (68)
136# CWR (03)
TIES
UNDER CUT

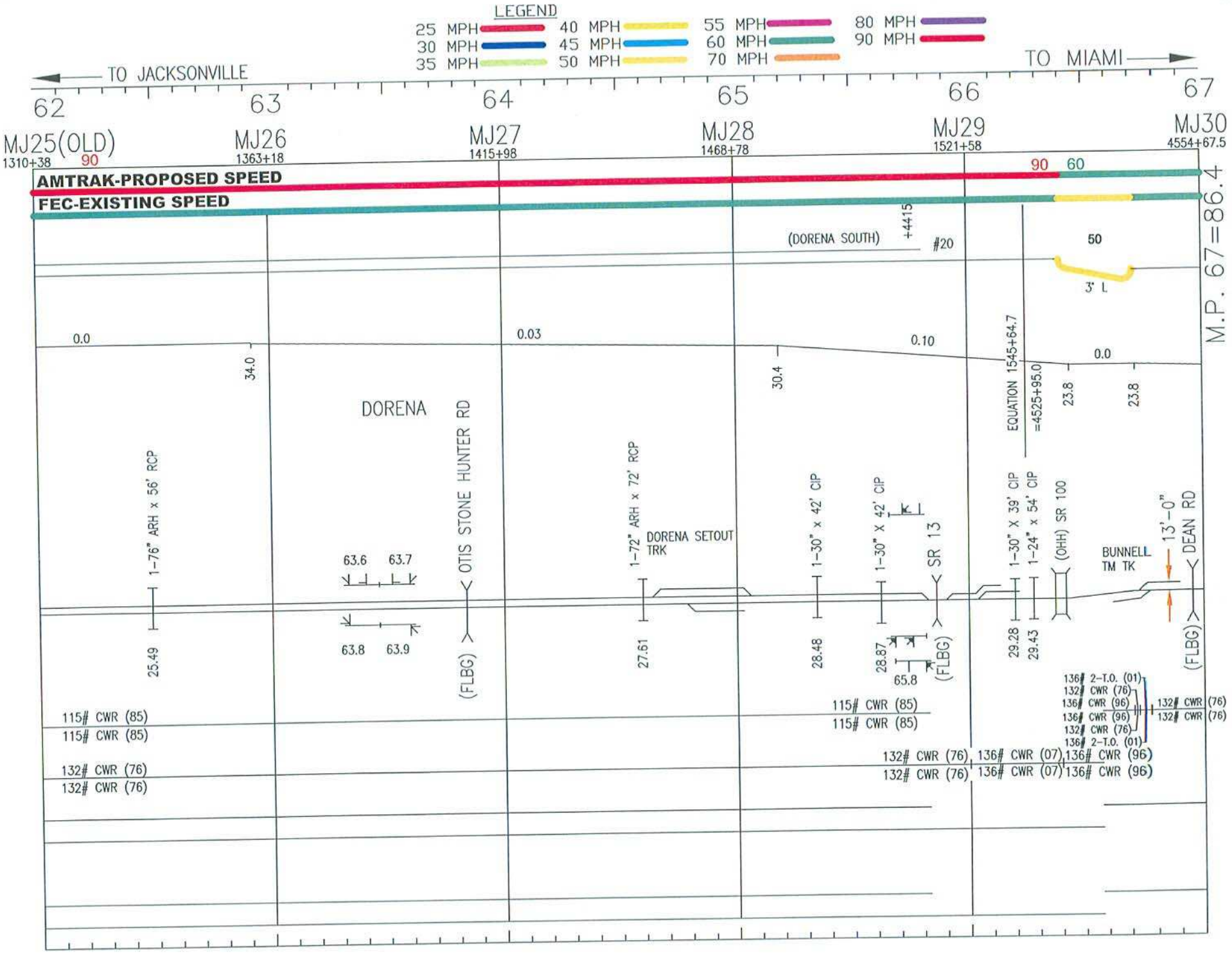

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
37
38
39
40
41
42
MJ0(OLD)
1953+13.7
40 190
MJ1
43+18
MJ2
95+98
MJ3
148+78
MJ4
201+58
MJ5
254+38
AMTRAK-PROPOSED SPEED
90
FEC-EXISTING SPEED
30
4° L
EQUATION 1962+75.7 =0+00
0.25
0.30
0.0
0.08
0.0
0.18
0.26
0.08
0.12
15.6
21.4
33.8
33.8
35.1
35.1
38.7
28.3
25.1
WAKELEY
PALMER ST
2-18" x 42' TCP
1-36" x 60' CIP
SR 214-KING ST (CFLBG)
2-30" x 80' CMP
MADEORE ST
STUART ST
1-24" x 60' CIP
SR 207
1-24" x 42' CIP
(OHH) SR 312
1-24" x 45' CIP
KINGS ESTATE RD
2-30" x 57' CIP
BULL CREEK
3-72" x 84' CMP
(CFLBG)
0.21
0.35
0.5
W.W. LEAD
SEE PAGE 74-75
(CFLBG)
(FLBG)
1.63
(CFLBG)
1.81
38.8
38.7
2.55
(FLBG)
3.95
41.4
41.3
4.63
132# CWR (80)
136# CWR (06)
136# CWR (06)
132# CWR (80)
132# CWR (80)
132# CWR (80)
132# CWR (80)
132# CWR (80)

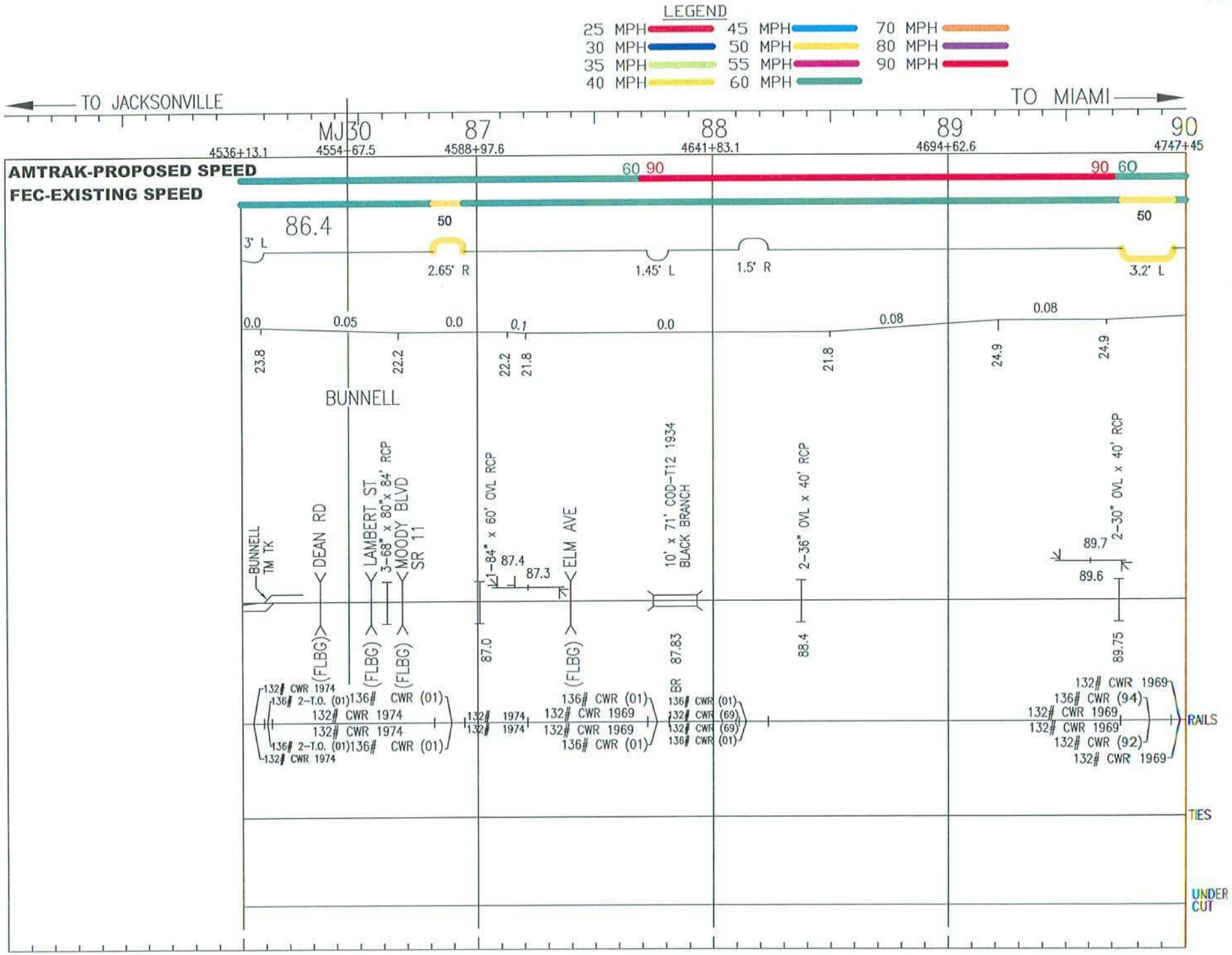

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
42
43
44
45
46
47
MJ5(OLD)
254+38
90
MJ6
307+18
MJ7
359+98
MJ8
412+78
MJ9
465+58
MJ10
518+38
AMTRAK-PROPOSED SPEED
90
FEC-EXISTING SPEED
1.05 L
(SAYBROOK NORTH) #20
+374
0.26
0.04
0.03
20.9
20.9
30.8
32.1
29.0
SAYBROOK
28' x 181' WOD-DPG 1925
MOULTRIE CREEK
3@ 58"
BR 5.29
WILDWOOD DR
(FLBG)
MOULTRIE
TM TK
2-36" X 45' CMP
6.41
WATSON RD
(FLBG)
2-30" X 39' CIP
6.73
2-30" x 42' CIP
7.16
44.4
44.5
2-30" x 51' CIP
7.91
60' BDCDS-WH SSPP 2002
MOSES CREEK
3 SPANS 20'
8.86
(HB,DE)
2-30" x 54' CIP
9.69
SR 206
(CFLBG)
112# CWR (45)
112# CWR (45)
132# CWR (80)
132# CWR (80)
132# CWR (85)
132# CWR (80)
132# CWR (80)
132# CWR (85)
132# CWR (66)
132# CWR (66)
136# CWR (02)
132# CWR (66)
132# CWR (66)
136# CWR (02)
132# CWR (66)
132# CWR (66)
132# CWR (66)
132# CWR (66)
132# CWR (75)
132# CWR (75)

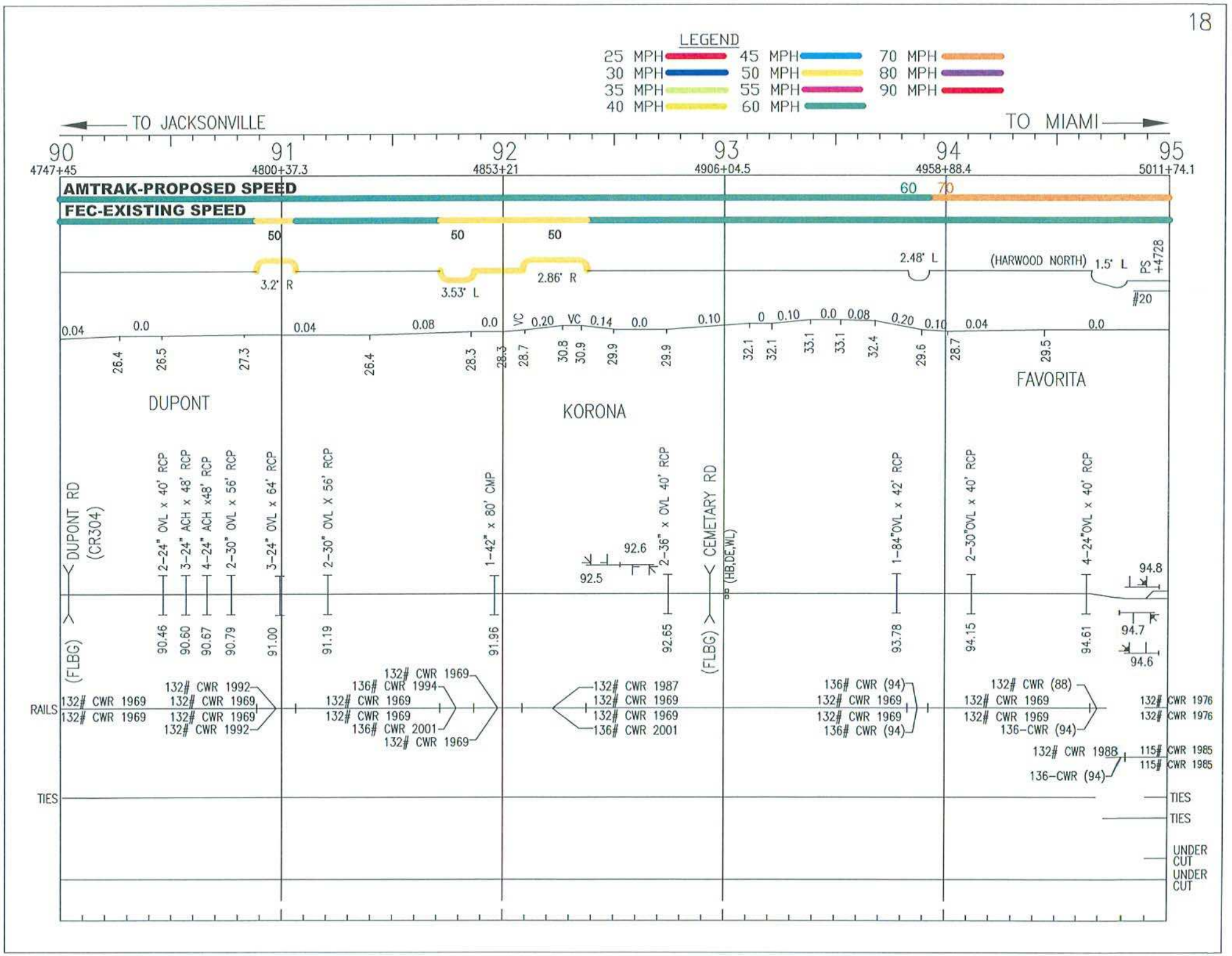

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
47
48
49
50
51
52
MJ10(OLD)
518+38
90
MJ11
571+18
MJ12
623+98
MJ13
676+78
MJ14
729+58
MJ15
782+38
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
+168
#20R
(SAYBROOK SOUTH)
0.0
0.0
0.0
SOUTH SAYBROOK
2-30" x 42' CIP
2-30" X 39' CIP
1-24" x 39' CIP
1-24" x 39' CIP
80' BDCDS-WH SPP 2002
CRACKER BRANCH
4 SPANS 20'
2-36" x 57' CIP
1-24" x 39' CIP
10.17
10.68
10.98
12.3
BR 13.43
14.06
14.88
112# CWR (45)
112# CWR (45)
112# CWR (45)
112# CWR (45)
132# CWR (75)
132# CWR (75)
132# CWR (75)
132# CWR (75)
136# CWR (02)
112# CWR (66)
112# CWR (66)
136 CWR (02)
112# CWR (66)
112# CWR (66)
112# CWR (66)
112# CWR (66)

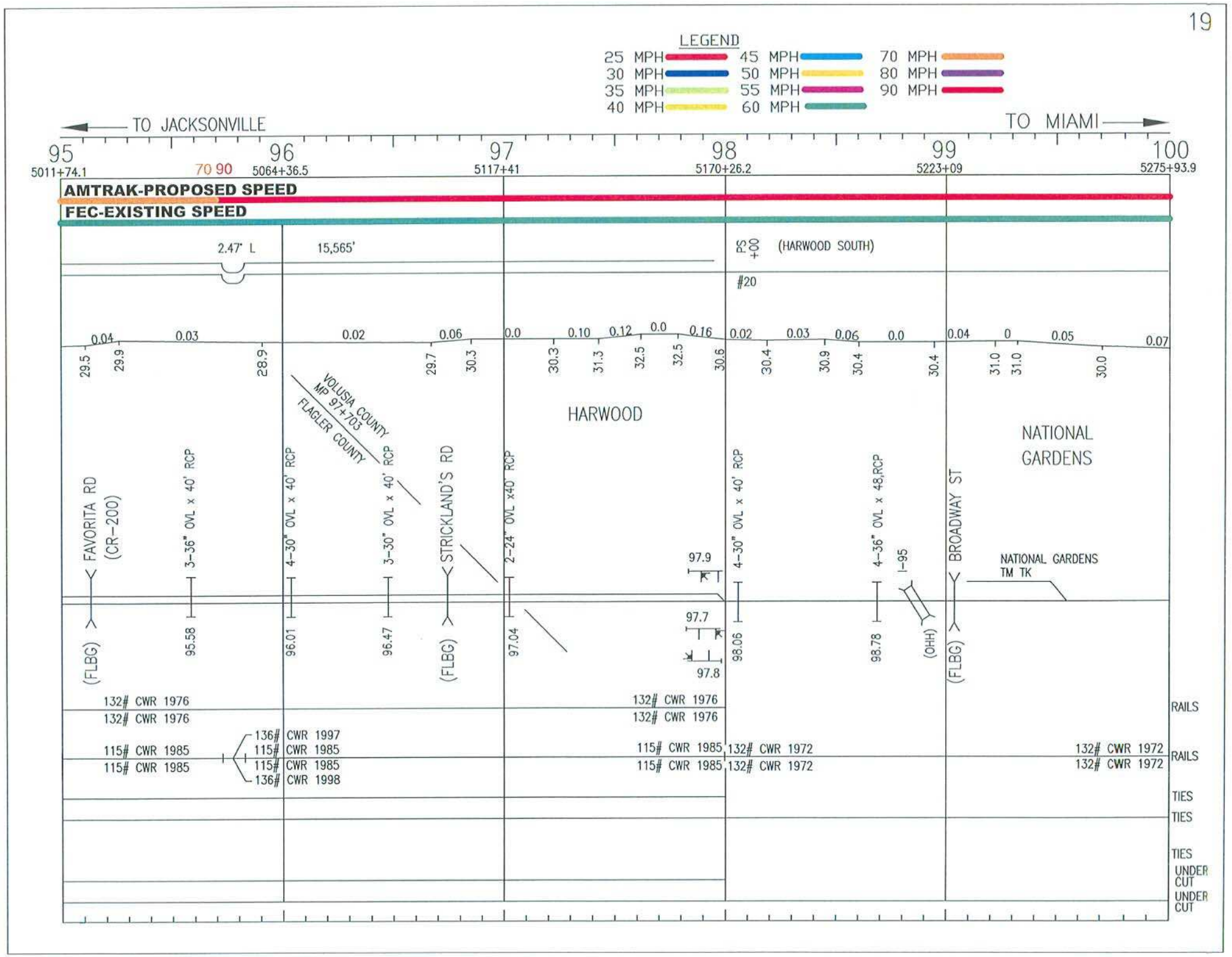

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
52
53
54
55
56
57
MJ15(OLD)
782+38
90
MJ16
835+18
MJ17
887+98
MJ18
940+78
MJ19
993+58
MJ20
1046+38
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
0.20
0.0
0.25
0.05
29.0
21.0
21.0
35.0
COLFAX
ST JOHNS COUNTY
PELLICER CREEK
FLAGLER COUNTY
2-36" x 40' RCP
BR MJ 15.56 OHH
I-95
1-24" x 54' CIP
SR-204
COLFAX TM TK
(FLBG)
5-84" x 92' CMP
MJ 17+392
2-48" CMP x 60'
1-36" CMP x 60'
1-36" HDPE x 60'
1-36" HDPE x 60'
15.19
52.8
52.7
16.51
17.01
18.02
56.0
56.1
19.04
19.59
132# (66)
132# (66)
132# (66)
132# (66)

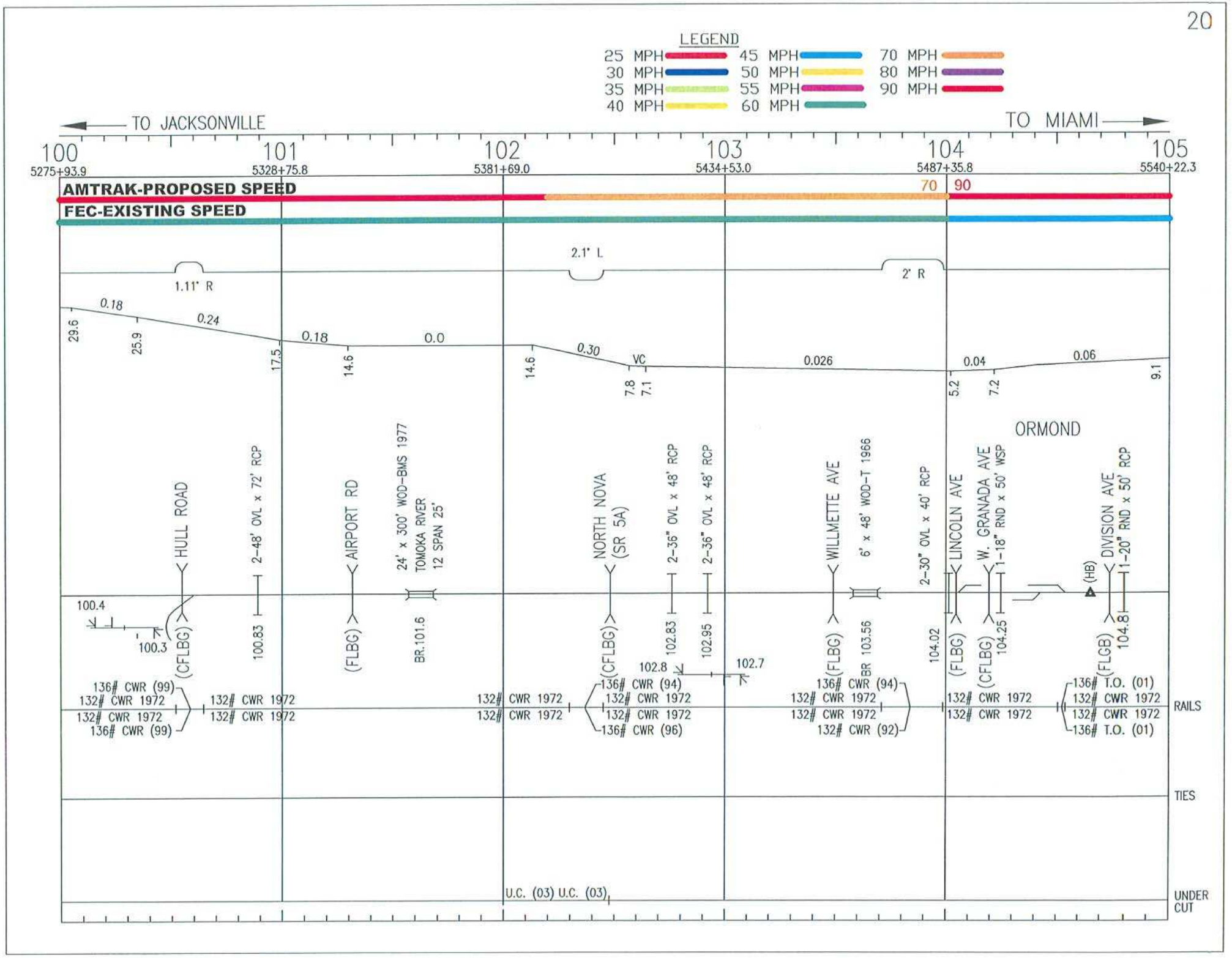

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
57
58
59
60
61
62
MJ20(OLD)
1046+38
90
MJ21
1093+18
MJ22
1151+98
MJ23
1204+78
MJ24
1257+58
MJ25
1310+38
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
+39
(DORENA NORTH) #20
0.06
0.0
34.0
2-36" X 42' CMP
1-30" x 39' CIP
1-24" x 42' CIP
(HB)
1-30" x 42' CIP
HENDERSON RD
1-76"ARH x 56' RCP
61.6
21.68
22.15
59.3
59.4
22.75
23.66
(FLBG)
24.61
61.7
115# CWR (76)
115# CWR (76)
132# (66)
132# (66)
132# (66)
132# (66)
112# CWR (66)
112# CWR (66)

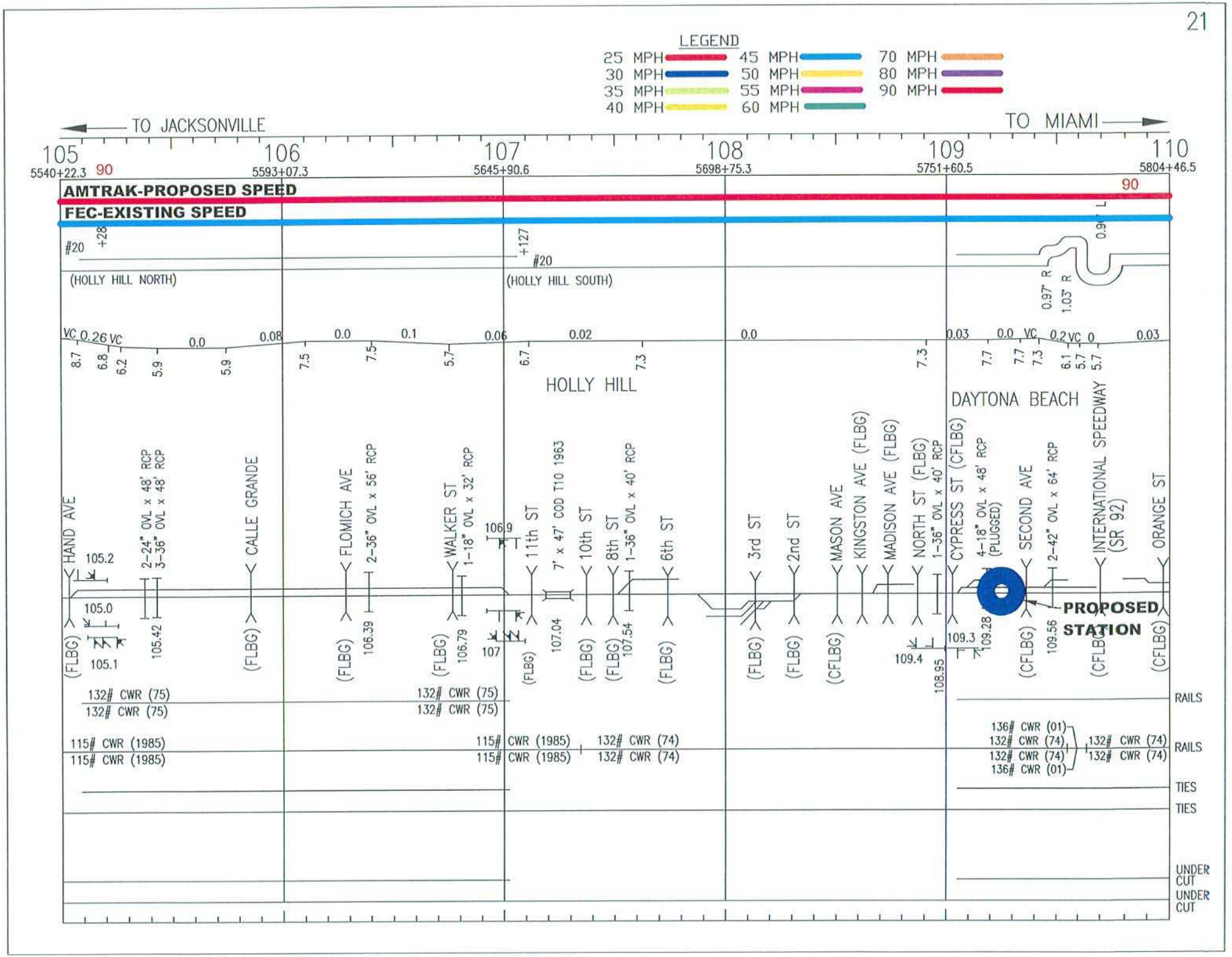

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
62
63
64
65
66
67
MJ25(OLD)
1310+38
MJ26
1363+18
MJ27
1415+98
MJ28
1468+78
MJ29
1521+58
MJ30
4554+67.5
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90
90
60
50
3' L
M.P. 67=86.4
(DORENA SOUTH)
+4415
#20
0.0
0.03
0.10
0.0
34.0
30.4
EQUATION 1545+64.7
=4525+95.0
23.8
23.8
DORENA
OTIS STONE HUNTER RD
1-76" ARH x 56' RCP
1-72" ARH x 72' RCP
DORENA SETOUT TRK
1-30" x 42' CIP
1-30" X 42' CIP
SR 13
1-30" X 39' CIP
1-24" x 54' CIP
(OHH) SR 100
BUNNELL TM TK
13'-0"
DEAN RD
63.6
63.7
63.8
63.9
25.49
27.61
28.48
28.87
65.8
29.28
29.43
(FLBG)
(FLBG)
(FLBG)
115# CWR (85)
115# CWR (85)
115# CWR (85)
115# CWR (85)
132# CWR (76)
132# CWR (76)
132# CWR (76) 136# CWR (07) 136# CWR (96)
132# CWR (76) 136# CWR (07) 136# CWR (96)
136# 2-T.O. (01)
132# CWR (76)
136# CWR (96)
136# CWR (96)
132# CWR (76)
136# 2-T.O. (01)
132# CWR (76)
132# CWR (76)

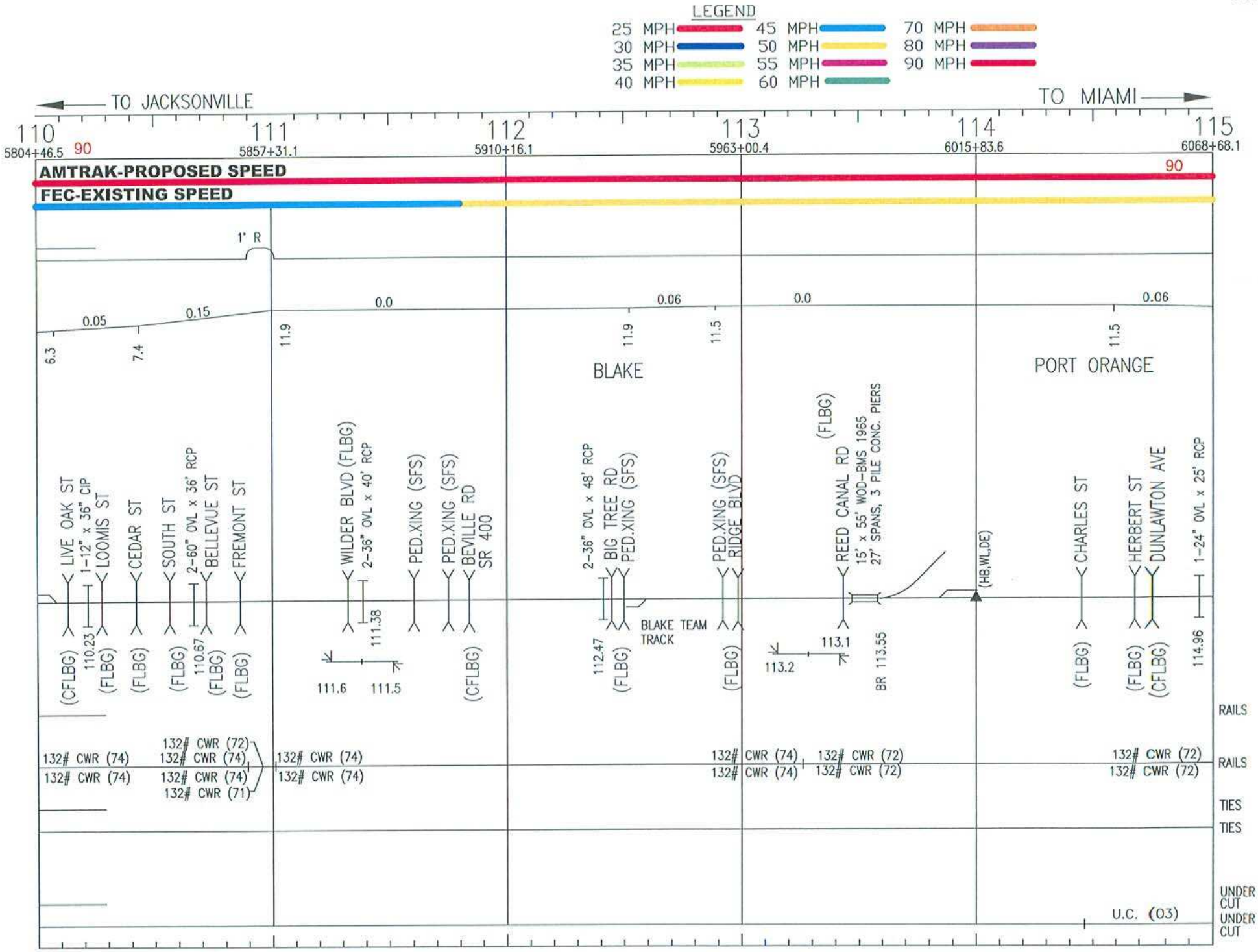

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
MJ30
87
88
89
90
4536+13.1
4554+67.5
4588+97.6
4641+83.1
4694+62.6
4747+45
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
60 90
90 60
86.4
50
50
3° L
2.65° R
1.45° L
1.5° R
3.2° L
0.0
0.05
0.0
0.1
0.0
0.08
0.08
23.8
22.2
22.2
21.8
21.8
24.9
24.9
BUNNELL
BUNNELL TM TK
DEAN RD
LAMBERT ST
3-68" x 80" x 84' RCP
MOODY BLVD
SR 11
1-84" x 60' OVL RCP
87.4
87.3
ELM AVE
10' x 71' COD-T12 1934
BLACK BRANCH
2-36" OVL x 40' RCP
2-30" OVL x 40' RCP
89.7
89.6
(FLBG)
(FLBG)
(FLBG)
(FLBG)
87.0
87.83
BR
88.4
89.75
132# CWR 1974
136# 2-T.O. (01)
136# CWR (01)
132# CWR 1974
132# CWR 1974
136# 2-T.O. (01)
136# CWR (01)
132# CWR 1974
132# 1974
132# 1974
136# CWR (01)
132# CWR 1969
132# CWR 1969
136# CWR (01)
136# CWR (01)
132# CWR (69)
132# CWR (69)
136# CWR (01)
132# CWR 1969
136# CWR (94)
132# CWR 1969
132# CWR 1969
132# CWR (92)
132# CWR 1969
RAILS
TIES
UNDER CUT

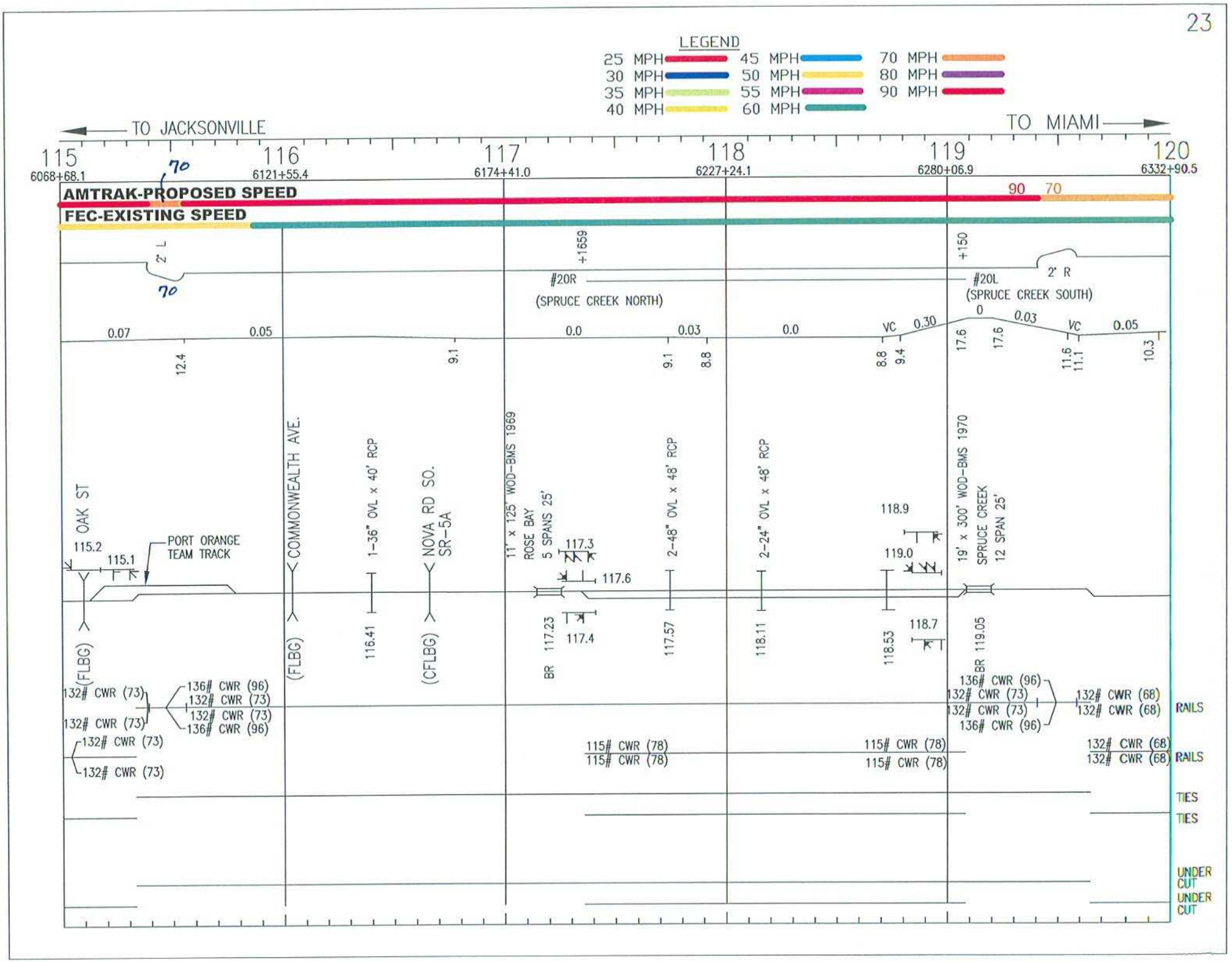

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
90
91
92
93
94
95
4747+45
4800+37.3
4853+21
4906+04.5
4958+88.4
5011+74.1
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
60
70
50
50
50
3.2° R
3.53° L
2.86° R
2.48° L
(HARWOOD NORTH)
1.5° L
PS +4728
#20
0.04
0.0
0.04
0.08
0.0
VC
0.20
VC
0.14
0.0
0.10
0
0.10
0.0
0.08
0.20
0.10
0.04
0.0
26.4
26.5
27.3
26.4
28.3
28.3
28.7
30.8
30.9
29.9
29.9
32.1
32.1
33.1
33.1
32.4
29.6
28.7
29.5
DUPONT
KORONA
FAVORITA
DUPONT RD (CR304)
(FLBG)
2-24" OVL x 40' RCP
3-24" ACH x 48' RCP
4-24" ACH x48' RCP
2-30" OVL x 56' RCP
3-24" OVL x 64' RCP
2-30" OVL X 56' RCP
1-42" x 80' CMP
92.6
92.5
2-36" x OVL 40' RCP
CEMETARY RD
(HB,DE,WL)
(FLBG)
1-84"OVL x 42' RCP
2-30"OVL x 40' RCP
4-24"OVL x 40' RCP
94.8
94.7
94.6
90.46
90.60
90.67
90.79
91.00
91.19
91.96
92.65
93.78
94.15
94.61
RAILS
132# CWR 1969
132# CWR 1969
132# CWR 1992
132# CWR 1969
132# CWR 1969
132# CWR 1992
132# CWR 1969
136# CWR 1994
132# CWR 1969
132# CWR 1969
136# CWR 2001
132# CWR 1969
132# CWR 1987
132# CWR 1969
132# CWR 1969
136# CWR 2001
136# CWR (94)
132# CWR 1969
132# CWR 1969
136# CWR (94)
132# CWR (88)
132# CWR 1969
132# CWR 1969
136-CWR (94)
132# CWR 1976
132# CWR 1976
132# CWR 1988
136-CWR (94)
115# CWR 1985
115# CWR 1985
TIES
TIES
TIES
UNDER CUT
UNDER CUT

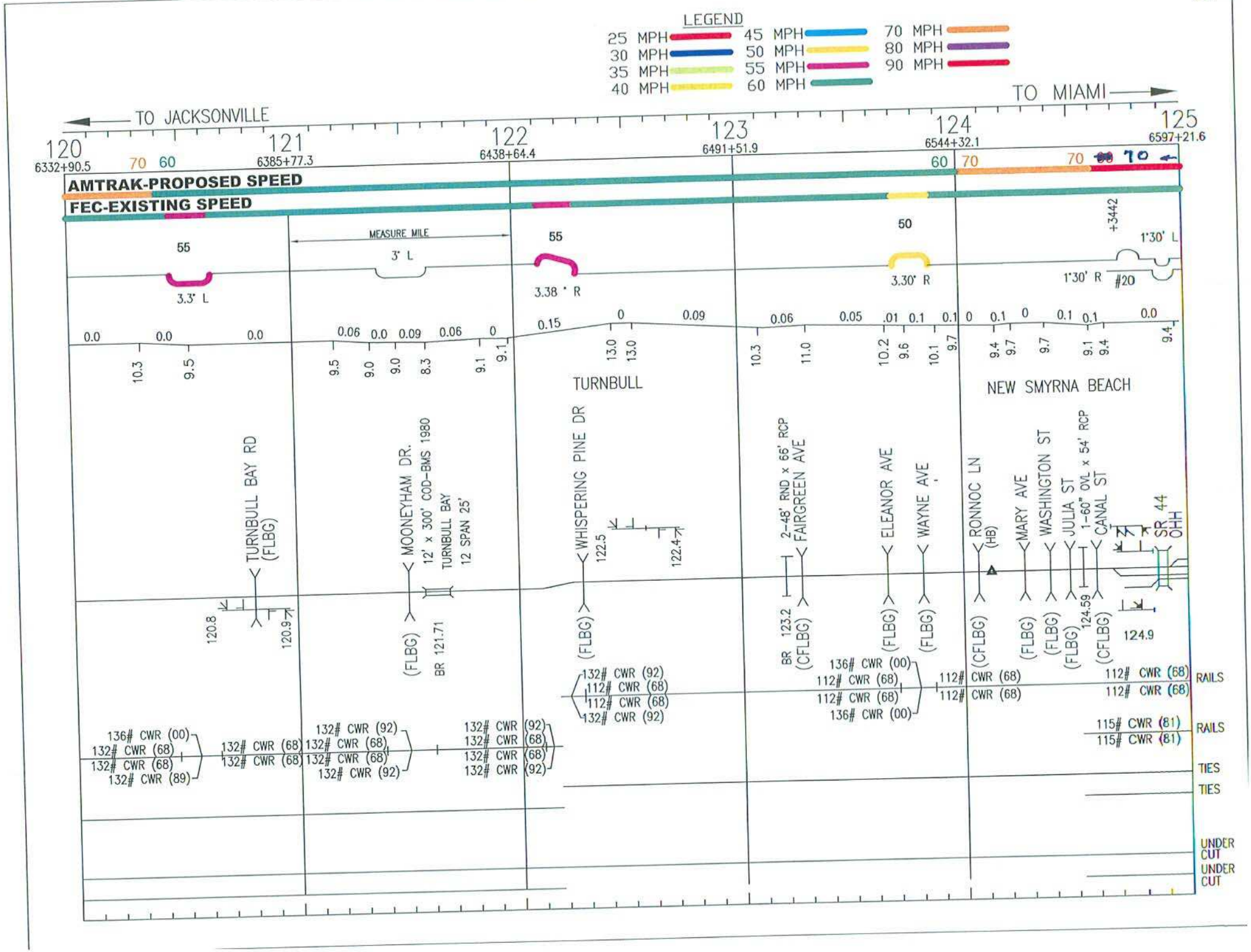

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
95
96
97
98
99
100
5011+74.1
70 90
5064+36.5
5117+41
5170+26.2
5223+09
5275+93.9
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
2.47' L
15,565'
PS +00 (HARWOOD SOUTH)
#20
0.04
0.03
0.02
0.06
0.0
0.10
0.12
0.0
0.16
0.02
0.03
0.06
0.0
0.04
0
0.05
0.07
29.5
29.9
28.9
29.7
30.3
30.3
31.3
32.5
32.5
30.6
30.4
30.9
30.4
30.4
31.0
31.0
30.0
VOLUSIA COUNTY
MP 97+703
FLAGLER COUNTY
HARWOOD
NATIONAL GARDENS
FAVORITA RD (CR-200)
3-36" OVL x 40' RCP
4-30" OVL x 40' RCP
3-30" OVL x 40' RCP
STRICKLAND'S RD
2-24" OVL x40' RCP
4-30" OVL x 40' RCP
4-36" OVL x 48,RCP
I-95
BROADWAY ST
NATIONAL GARDENS TM TK
97.9
97.7
97.8
(FLBG)
95.58
96.01
96.47
(FLBG)
97.04
98.06
98.78
(OHH)
(FLBG)
132# CWR 1976
132# CWR 1976
115# CWR 1985
115# CWR 1985
136# CWR 1997
115# CWR 1985
115# CWR 1985
136# CWR 1998
132# CWR 1976
132# CWR 1976
115# CWR 1985
115# CWR 1985
132# CWR 1972
132# CWR 1972
132# CWR 1972
132# CWR 1972
RAILS
RAILS
TIES
TIES
TIES
UNDER CUT
UNDER CUT

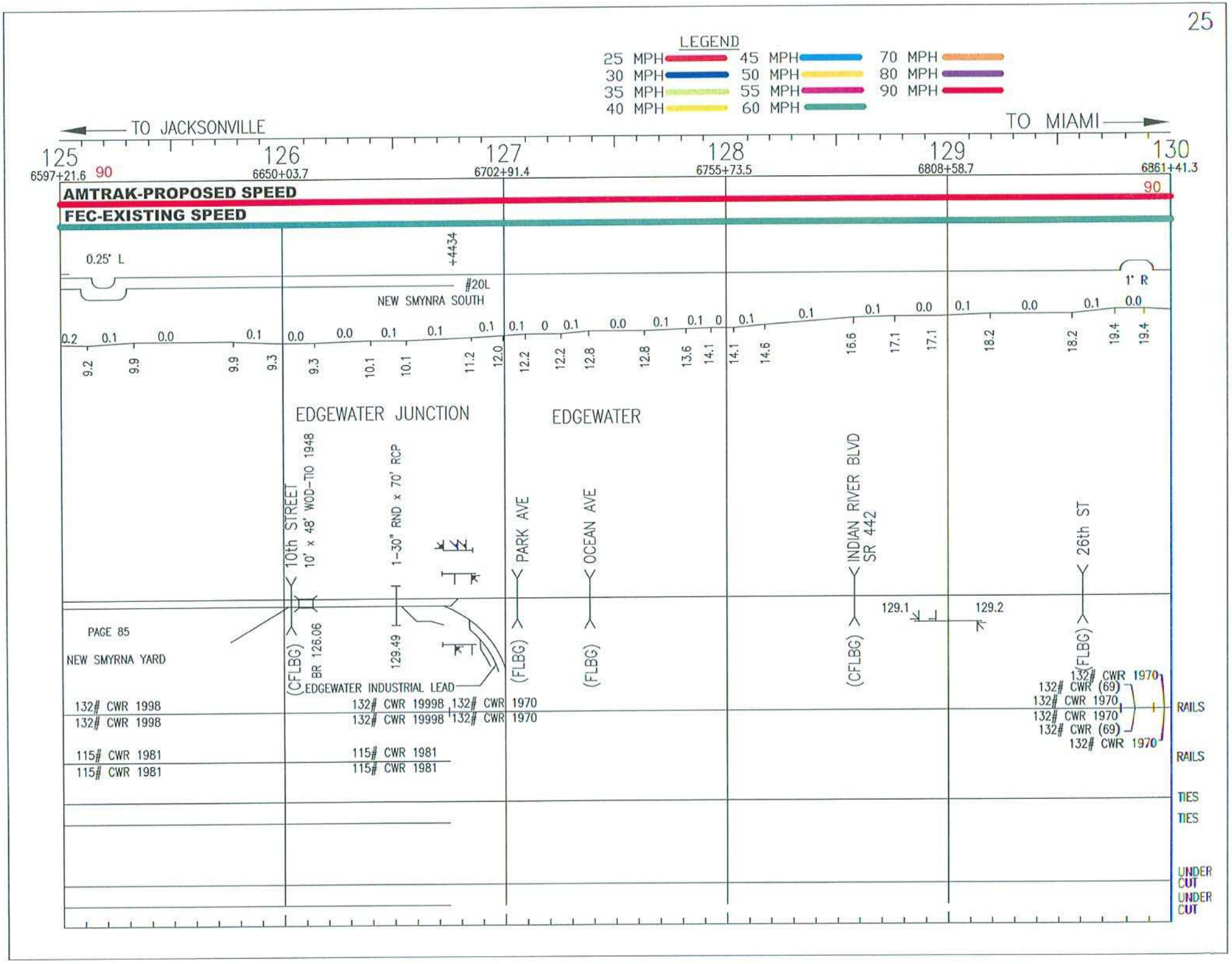

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
100
5275+93.9
101
5328+75.8
102
5381+69.0
103
5434+53.0
104
5487+35.8
105
5540+22.3
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
70
90
1.11° R
2.1° L
2° R
0.18
0.24
0.18
0.0
0.30
VC
0.026
0.04
0.06
29.6
25.9
17.5
14.6
14.6
7.8
7.1
5.2
7.2
9.1
HULL ROAD
2-48' OVL x 72' RCP
AIRPORT RD
24' x 300' WOD-BMS 1977
TOMOKA RIVER
12 SPAN 25'
NORTH NOVA
(SR 5A)
2-36" OVL x 48' RCP
2-36" OVL x 48' RCP
WILLMETTE AVE
6' x 48' WOD-T 1966
2-30" OVL x 40' RCP
LINCOLN AVE
W. GRANADA AVE
1-18" RND x 50' WSP
ORMOND
(HB)
DIVISION AVE
1-20" RND x 50' RCP
100.4
100.3
(CFLBG)
100.83
(FLBG)
BR.101.6
(CFLBG)
102.83
102.95
102.8
102.7
(FLBG)
BR 103.56
104.02
(FLBG)
(CFLBG)
104.25
(FLGB)
104.8
136# CWR (99)
132# CWR 1972
132# CWR 1972
136# CWR (99)
132# CWR 1972
132# CWR 1972
132# CWR 1972
132# CWR 1972
136# CWR (94)
132# CWR 1972
132# CWR 1972
136# CWR (96)
136# CWR (94)
132# CWR 1972
132# CWR 1972
132# CWR (92)
132# CWR 1972
132# CWR 1972
136# T.O. (01)
132# CWR 1972
132# CWR 1972
136# T.O. (01)
RAILS
TIES
U.C. (03) U.C. (03)
UNDER CUT

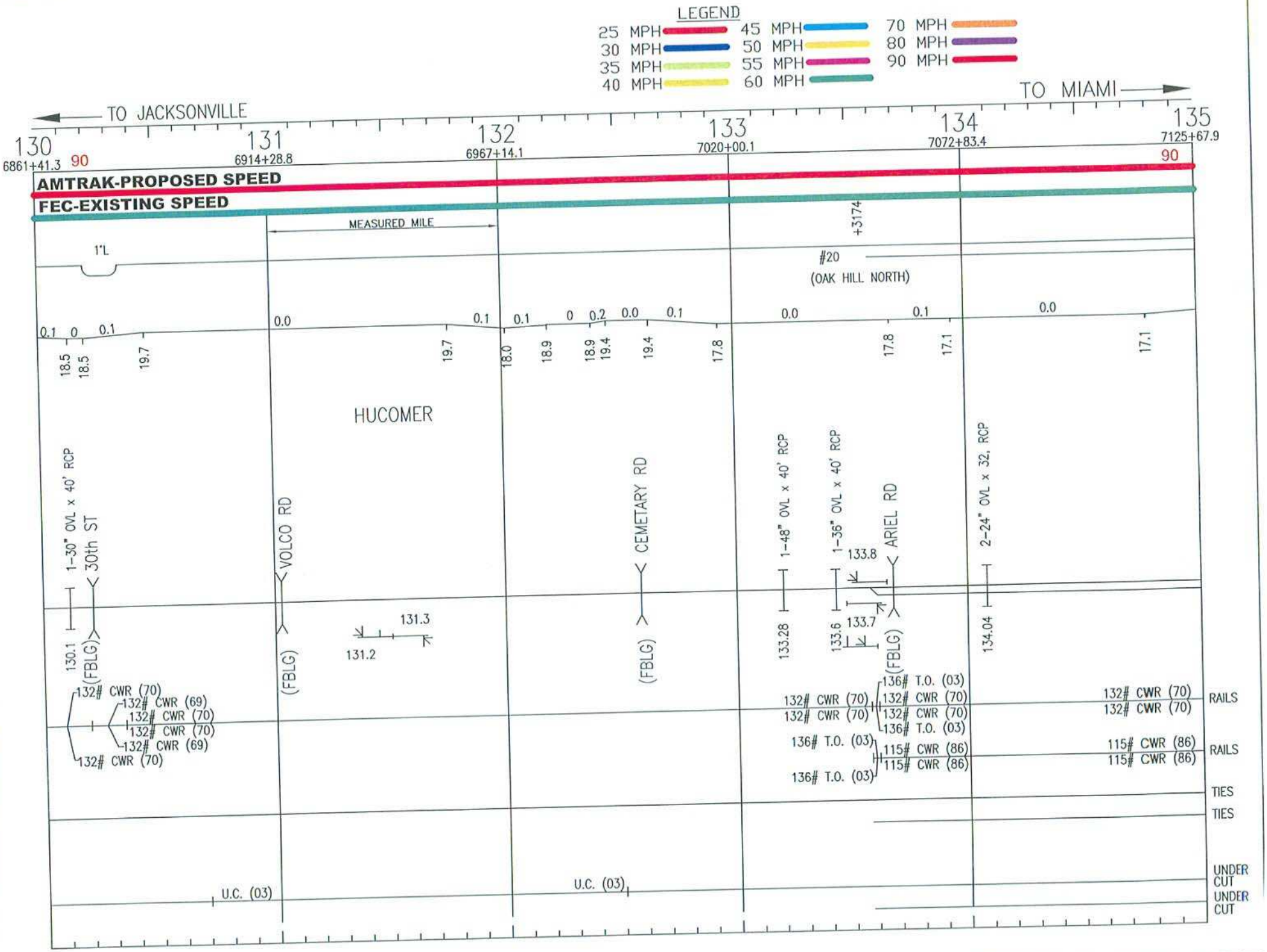

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
105
106
107
108
109
110
5540+22.3
5593+07.3
5645+90.6
5698+75.3
5751+60.5
5804+46.5
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
(HOLLY HILL NORTH)
(HOLLY HILL SOUTH)
HOLLY HILL
DAYTONA BEACH
HAND AVE
2-24" OVL x 48' RCP
3-36" OVL x 48' RCP
CALLE GRANDE
FLOMICH AVE
2-36" OVL x 56' RCP
WALKER ST
1-18" OVL x 32' RCP
11th ST
7' x 47' COD T10 1963
10th ST
8th ST
1-36" OVL x 40' RCP
6th ST
3rd ST
2nd ST
MASON AVE
KINGSTON AVE (FLBG)
MADISON AVE (FLBG)
NORTH ST (FLBG)
1-36" OVL x 40' RCP
CYPRESS ST (CFLBG)
4-18" OVL x 48' RCP (PLUGGED)
SECOND AVE
2-42" OVL x 64' RCP
INTERNATIONAL SPEEDWAY (SR 92)
ORANGE ST
PROPOSED STATION
132# CWR (75)
115# CWR (1985)
132# CWR (74)
136# CWR (01)
RAILS
TIES
UNDER CUT

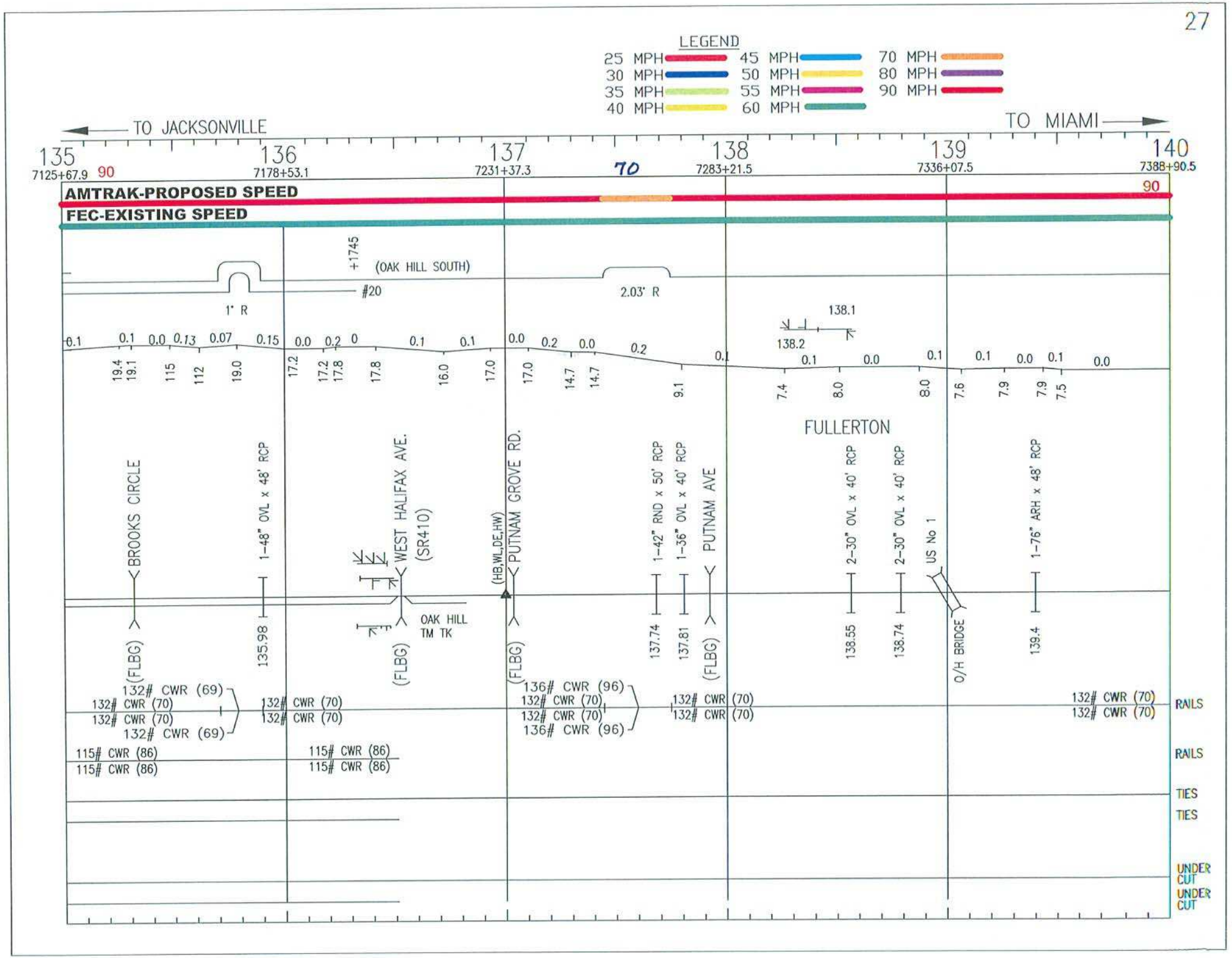

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
110
5804+46.5
111
5857+31.1
112
5910+16.1
113
5963+00.4
114
6015+83.6
115
6068+68.1
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90
1' R
0.05
0.15
0.0
0.06
0.0
0.06
6.3
7.4
11.9
11.9
11.5
11.5
BLAKE
PORT ORANGE
LIVE OAK ST
1-12" x 36" CIP
LOOMIS ST
CEDAR ST
SOUTH ST
2-60" OVL x 36' RCP
BELLEVUE ST
FREMONT ST
WILDER BLVD (FLBG)
2-36" OVL x 40' RCP
PED.XING (SFS)
PED.XING (SFS)
BEVILLE RD
SR 400
2-36" OVL x 48' RCP
BIG TREE RD
PED.XING (SFS)
PED.XING (SFS)
RIDGE BLVD
REED CANAL RD
15' x 55' WOD-BMS 1965
27' SPANS, 3 PILE CONC. PIERS
(HB,WL,DE)
CHARLES ST
HERBERT ST
DUNLAWTON AVE
1-24" OVL x 25' RCP
(CFLBG)
110.23
(FLBG)
(FLBG)
(FLBG)
110.67
(FLBG)
(FLBG)
111.38
111.6
111.5
(CFLBG)
112.47
(FLBG)
BLAKE TEAM TRACK
(FLBG)
113.2
113.1
BR 113.55
(FLBG)
(FLBG)
(CFLBG)
114.96
RAILS
132# CWR (74)
132# CWR (74)
132# CWR (72)
132# CWR (74)
132# CWR (74)
132# CWR (71)
132# CWR (74)
132# CWR (74)
132# CWR (74)
132# CWR (74)
132# CWR (72)
132# CWR (72)
132# CWR (72)
132# CWR (72)
RAILS
TIES
TIES
UNDER CUT
UNDER CUT
U.C. (03)

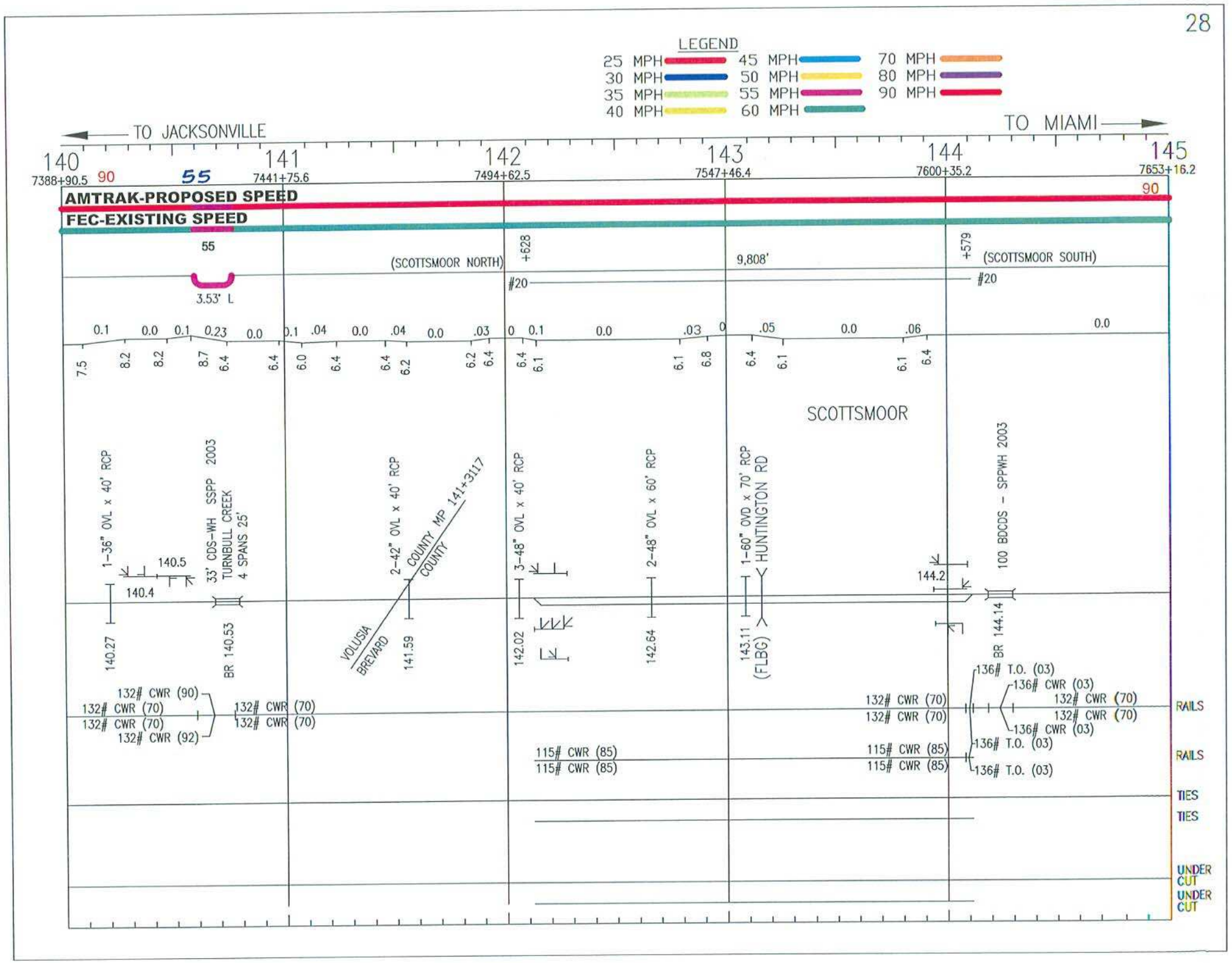

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
115
116
117
118
119
120
6068+68.1
6121+55.4
6174+41.0
6227+24.1
6280+06.9
6332+90.5
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
70
90
70
2° L
70
+1659
#20R
(SPRUCE CREEK NORTH)
+150
2° R
#20L
(SPRUCE CREEK SOUTH)
0.07
0.05
0.0
0.03
0.0
VC
0.30
0
0.03
VC
0.05
12.4
9.1
9.1
8.8
8.8
9.4
17.6
17.6
11.6
11.1
10.3
OAK ST
115.2
115.1
PORT ORANGE TEAM TRACK
(FLBG)
COMMONWEALTH AVE.
(FLBG)
1-36" OVL x 40' RCP
116.41
NOVA RD SO.
SR-5A
(CFLBG)
11' x 125' WOD-BMS 1969
ROSE BAY
5 SPANS 25'
117.3
117.6
117.23
117.4
BR
2-48" OVL x 48' RCP
117.57
2-24" OVL x 48' RCP
118.11
118.9
119.0
118.53
118.7
19' x 300' WOD-BMS 1970
SPRUCE CREEK
12 SPAN 25'
BR 119.05
132# CWR (73)
132# CWR (73)
132# CWR (73)
132# CWR (73)
136# CWR (96)
132# CWR (73)
132# CWR (73)
136# CWR (96)
115# CWR (78)
115# CWR (78)
115# CWR (78)
115# CWR (78)
136# CWR (96)
132# CWR (73)
132# CWR (73)
136# CWR (96)
132# CWR (68)
132# CWR (68)
132# CWR (68)
132# CWR (68)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

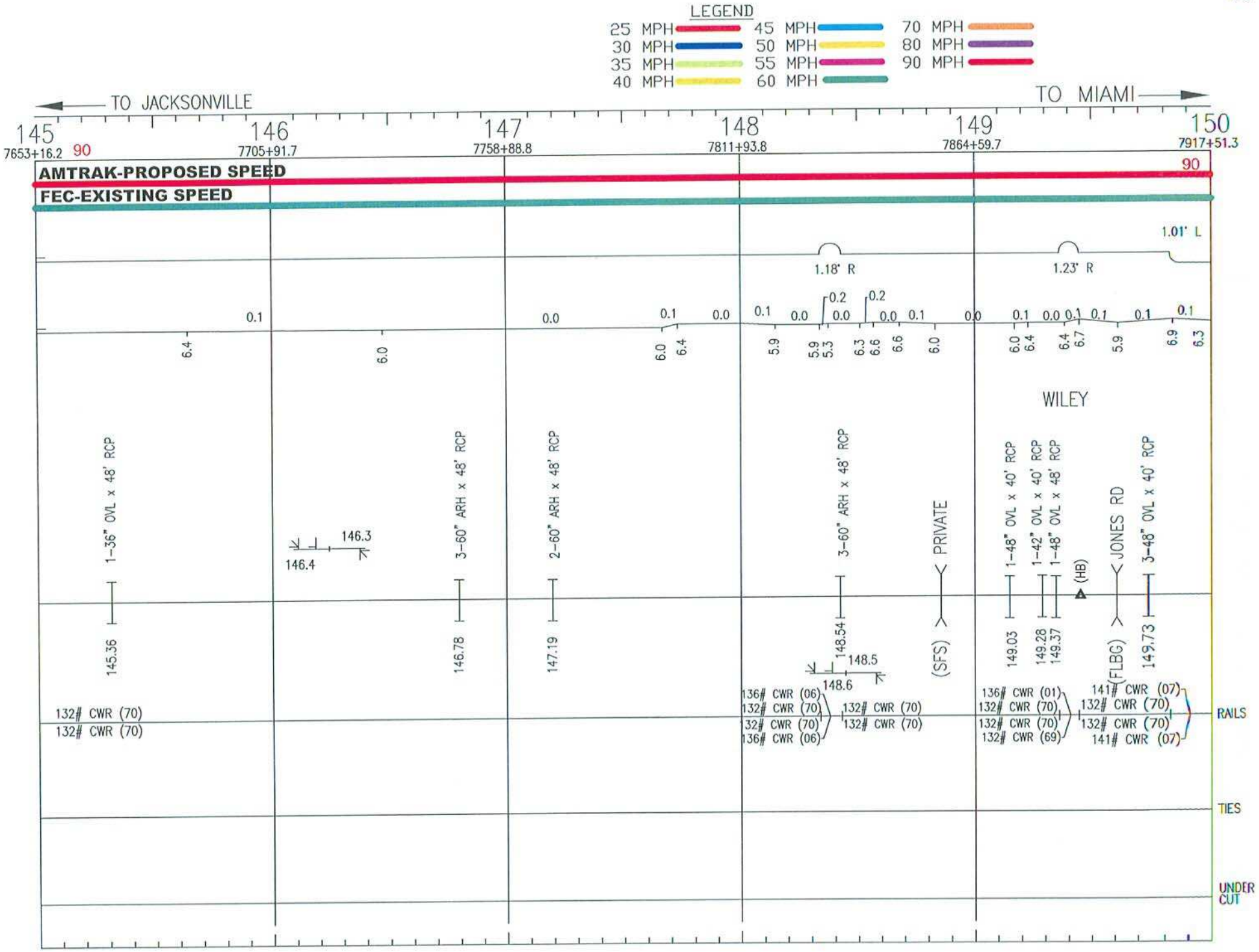

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
120
6332+90.5
121
6385+77.3
122
6438+64.4
123
6491+51.9
124
6544+32.1
125
6597+21.6
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
MEASURE MILE
TURNBULL
NEW SMYRNA BEACH
TURNBULL BAY RD (FLBG)
MOONEYHAM DR. 12' x 300' COD-BMS 1980 TURNBULL BAY 12 SPAN 25'
WHISPERING PINE DR
2-48' RND x 66' RCP FAIRGREEN AVE
ELEANOR AVE
WAYNE AVE
RONNOC LN (HB)
MARY AVE
WASHINGTON ST
JULIA ST 1-60" OVL x 54' RCP
CANAL ST
SR 44 OHH
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

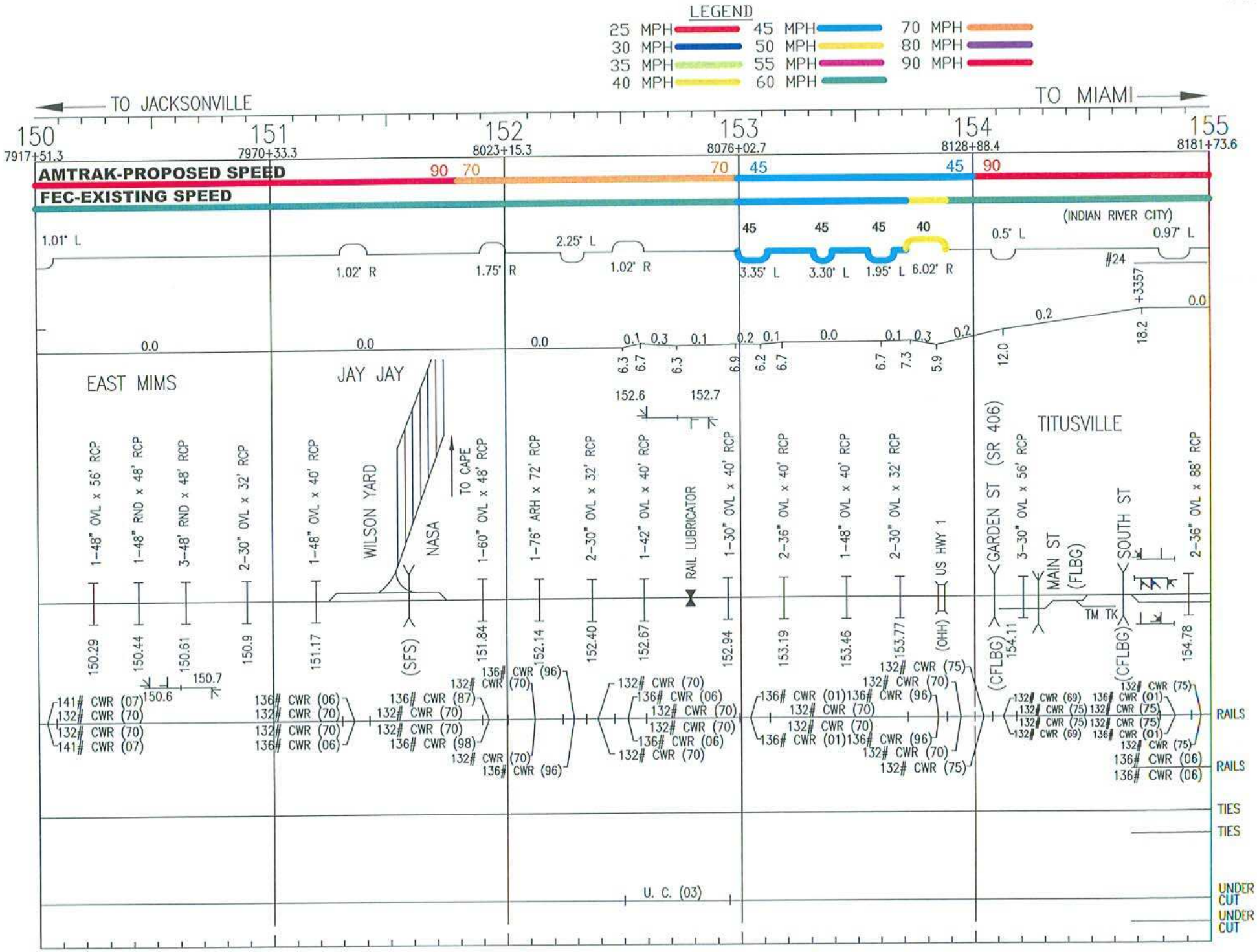

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
125
6597+21.6
126
6650+03.7
127
6702+91.4
128
6755+73.5
129
6808+58.7
130
6861+41.3
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90
0.25° L
+4434
#20L
NEW SMYNRA SOUTH
1° R
EDGEWATER JUNCTION
EDGEWATER
10th STREET
10' x 48' WOD-TIO 1948
1-30" RND x 70' RCP
PARK AVE
OCEAN AVE
INDIAN RIVER BLVD
SR 442
26th ST
(CFLBG)
BR 126.06
129.49
(FLBG)
(FLBG)
(CFLBG)
(FLBG)
129.1
129.2
PAGE 85
NEW SMYRNA YARD
EDGEWATER INDUSTRIAL LEAD
132# CWR 1998
132# CWR 1998
115# CWR 1981
115# CWR 1981
132# CWR 19998
132# CWR 19998
132# CWR 1970
132# CWR 1970
115# CWR 1981
115# CWR 1981
132# CWR 1970
132# CWR (69)
132# CWR 1970
132# CWR 1970
132# CWR (69)
132# CWR 1970
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

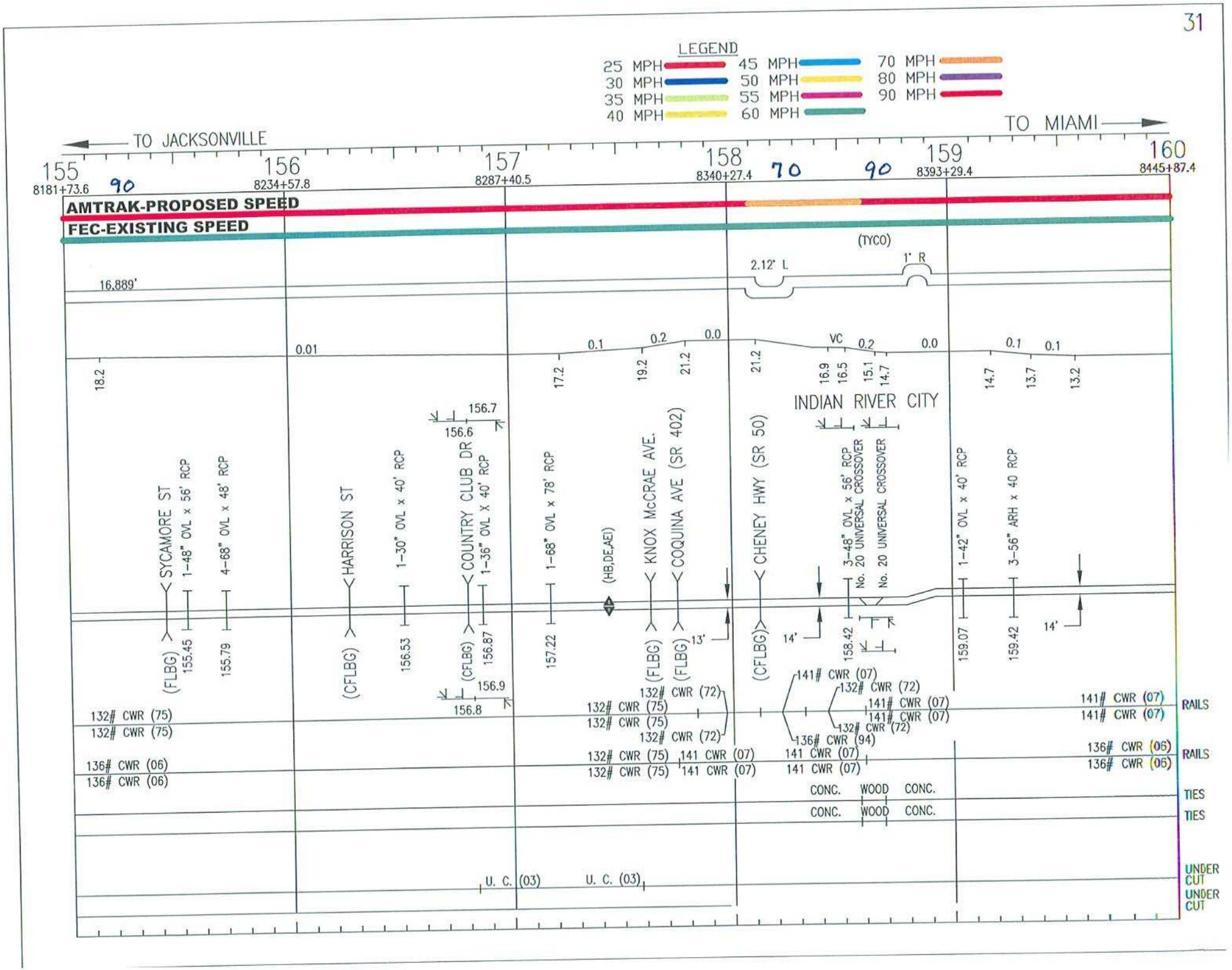

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
130
6861+41.3
131
6914+28.8
132
6967+14.1
133
7020+00.1
134
7072+83.4
135
7125+67.9
90
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
MEASURED MILE
1°L
+3174
#20
(OAK HILL NORTH)
HUCOMER
1-30" OVL x 40' RCP
30th ST
VOLCO RD
CEMETARY RD
1-48" OVL x 40' RCP
1-36" OVL x 40' RCP
ARIEL RD
2-24" OVL x 32, RCP
(FBLG)
132# CWR (70)
132# CWR (69)
136# T.O. (03)
115# CWR (86)
RAILS
TIES
UNDER CUT
U.C. (03)

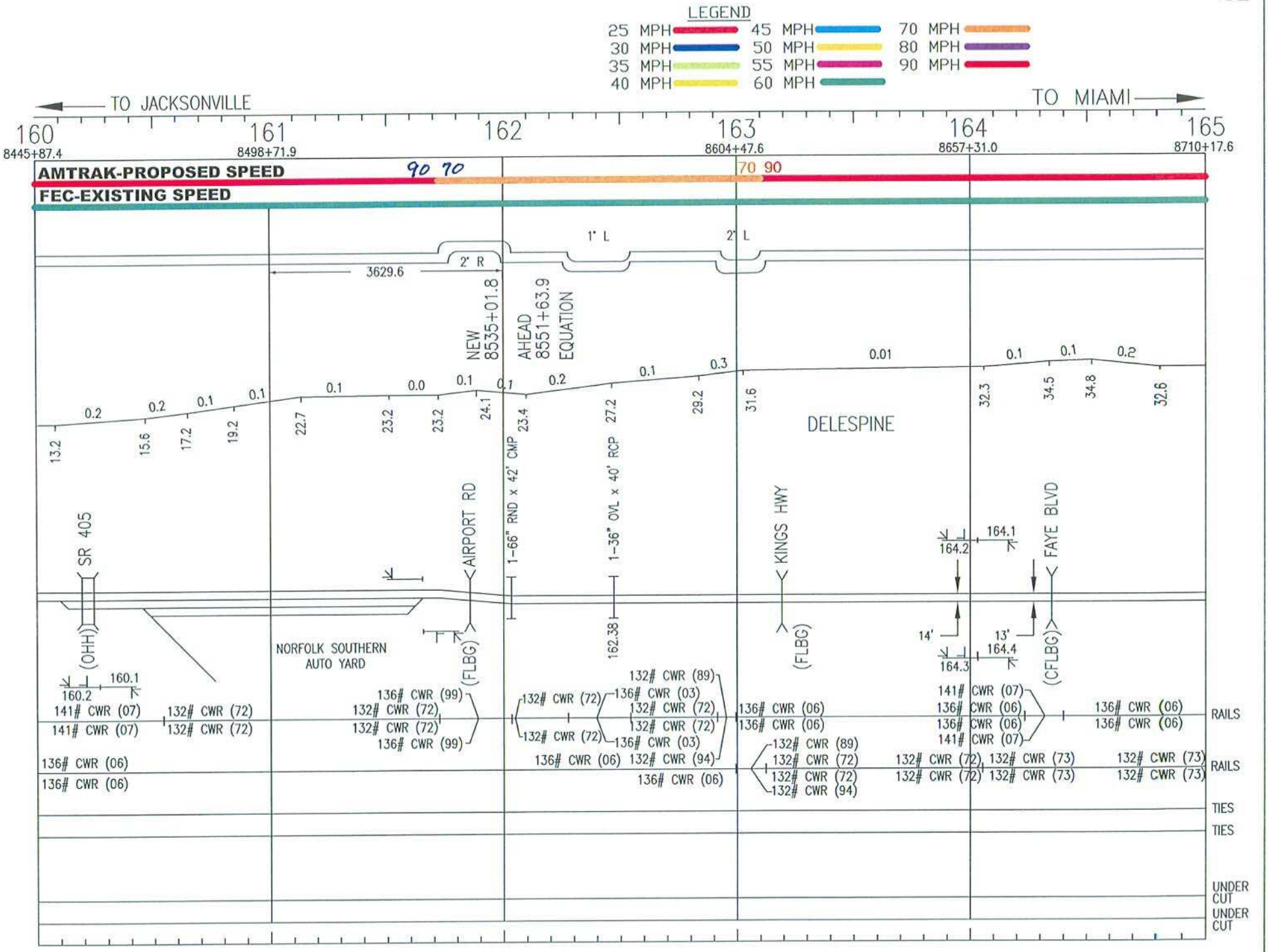

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
135
136
137
138
139
140
7125+67.9
7178+53.1
7231+37.3
7283+21.5
7336+07.5
7388+90.5
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
(OAK HILL SOUTH)
+1745
#20
1° R
2.03° R
138.1
138.2
FULLERTON
BROOKS CIRCLE
1-48" OVL x 48' RCP
WEST HALIFAX AVE. (SR410)
OAK HILL TM TK
(HB,WL,DE,HW)
PUTNAM GROVE RD.
1-42" RND x 50' RCP
1-36" OVL x 40' RCP
PUTNAM AVE
2-30" OVL x 40' RCP
2-30" OVL x 40' RCP
US No 1
O/H BRIDGE
1-76" ARH x 48' RCP
(FLBG)
135.98
137.74
137.81
138.55
138.74
139.4
132# CWR (69)
132# CWR (70)
132# CWR (70)
132# CWR (69)
132# CWR (70)
132# CWR (70)
136# CWR (96)
132# CWR (70)
132# CWR (70)
136# CWR (96)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
115# CWR (86)
115# CWR (86)
115# CWR (86)
115# CWR (86)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

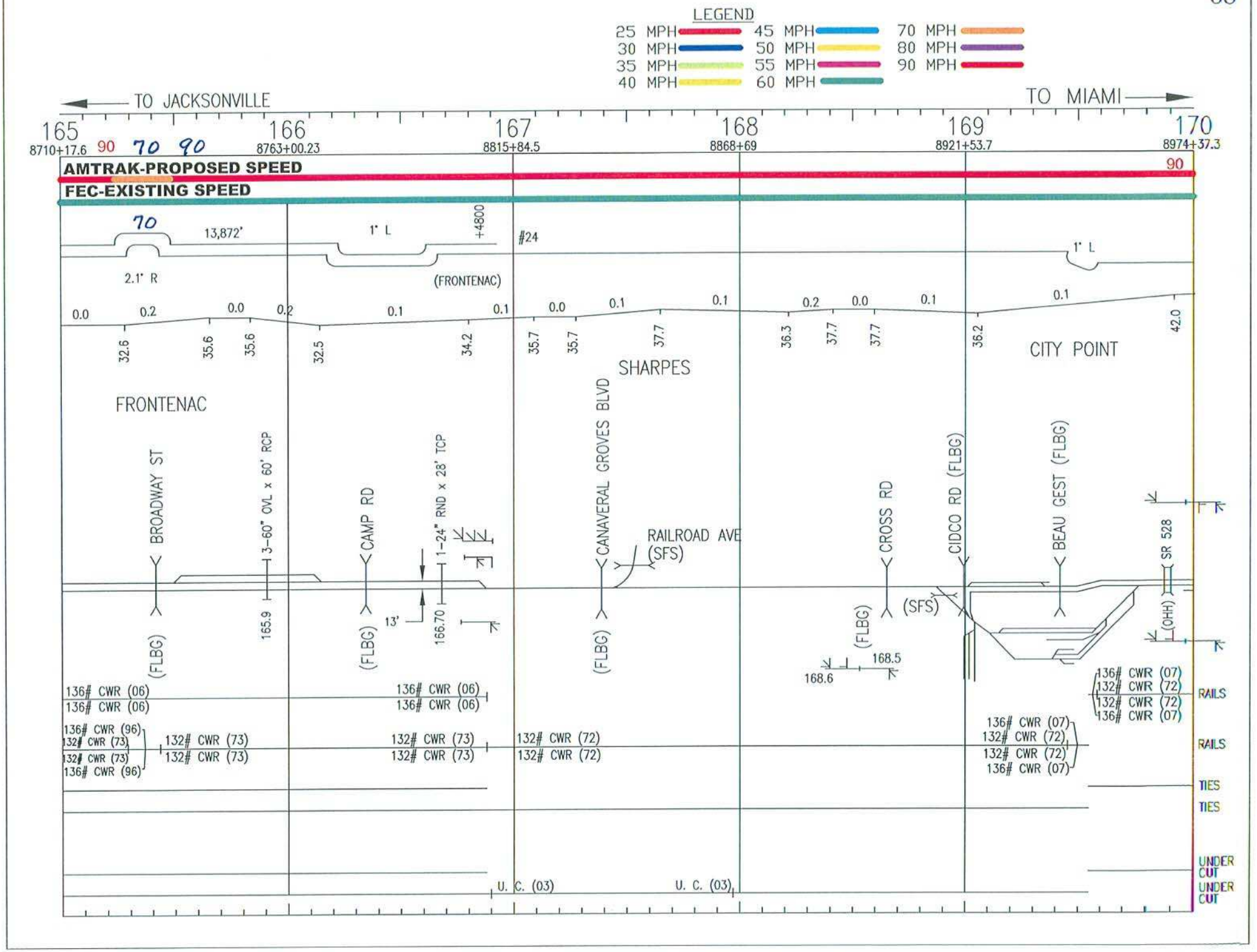

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
140
7388+90.5
141
7441+75.6
142
7494+62.5
143
7547+46.4
144
7600+35.2
145
7653+16.2
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90
55
3.53' L
(SCOTTSMOOR NORTH)
+628
9,808'
+579
(SCOTTSMOOR SOUTH)
#20
SCOTTSMOOR
1-36" OVL x 40' RCP
140.5
140.4
140.27
33' CDS-WH SSPP 2003
TURNBULL CREEK
4 SPANS 25'
BR 140.53
2-42" OVL x 40' RCP
COUNTY MP 141+3117
VOLUSIA
BREVARD
141.59
3-48" OVL x 40' RCP
142.02
2-48" OVL x 60' RCP
142.64
1-60" OVD x 70' RCP
HUNTINGTON RD
143.11
(FLBG)
144.2
100 BDCDS - SPPWH 2003
BR 144.14
132# CWR (90)
132# CWR (70)
132# CWR (92)
136# T.O. (03)
136# CWR (03)
115# CWR (85)
RAILS
TIES
UNDER CUT

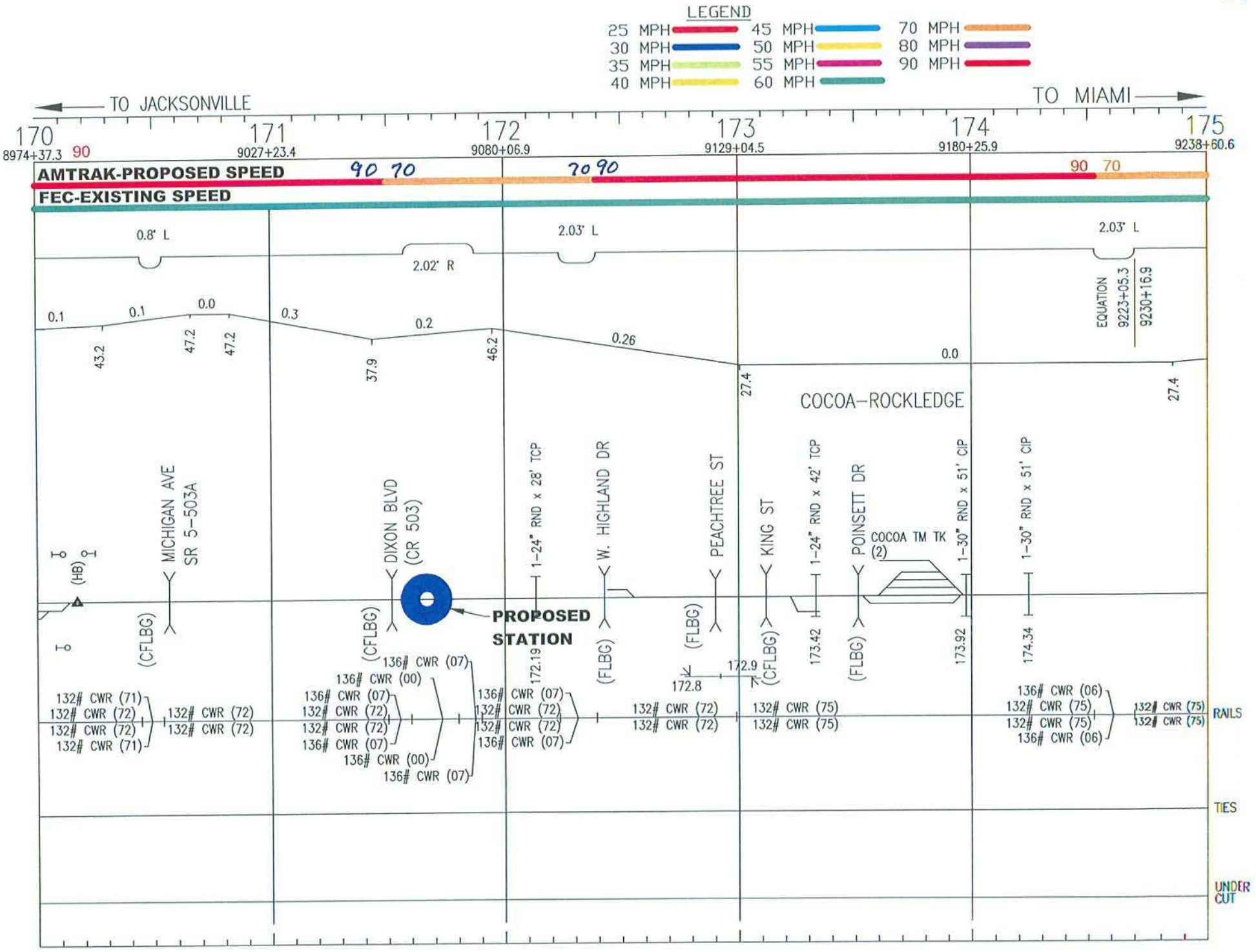

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
145
7653+16.2
146
7705+91.7
147
7758+88.8
148
7811+93.8
149
7864+59.7
150
7917+51.3
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
1.01° L
1.18° R
1.23° R
WILEY
1-36" OVL x 48' RCP
145.36
132# CWR (70)
132# CWR (70)
146.3
146.4
3-60" ARH x 48' RCP
146.78
2-60" ARH x 48' RCP
147.19
3-60" ARH x 48' RCP
148.54
148.5
148.6
136# CWR (06)
132# CWR (70)
132# CWR (70)
136# CWR (06)
132# CWR (70)
132# CWR (70)
PRIVATE
(SFS)
1-48" OVL x 40' RCP
149.03
1-42" OVL x 40' RCP
1-48" OVL x 48' RCP
149.28
149.37
(HB)
136# CWR (01)
132# CWR (70)
132# CWR (70)
132# CWR (69)
JONES RD
(FLBG)
3-48" OVL x 40' RCP
149.73
141# CWR (07)
132# CWR (70)
132# CWR (70)
141# CWR (07)
RAILS
TIES
UNDER CUT

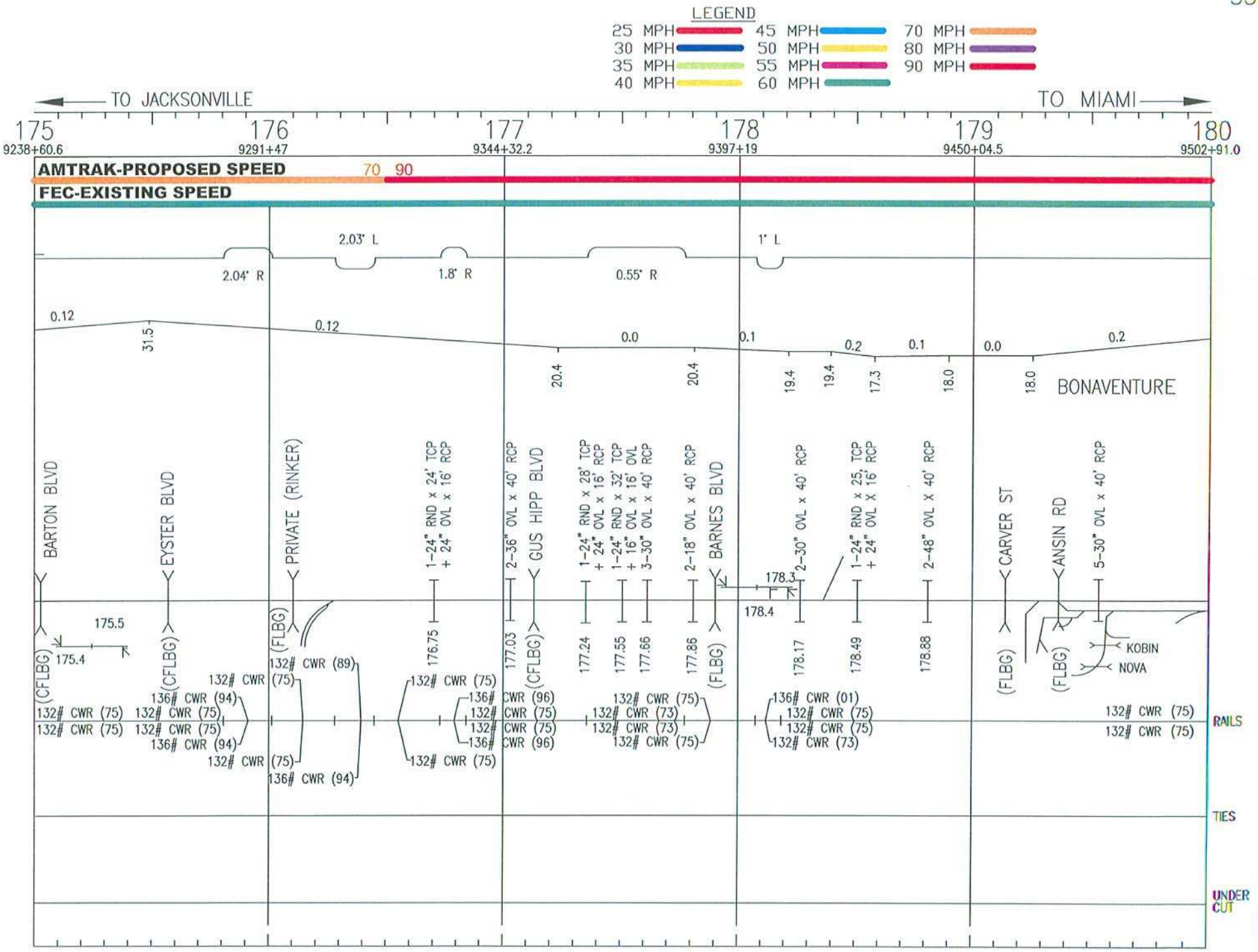

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
150
7917+51.3
151
7970+33.3
152
8023+15.3
153
8076+02.7
154
8128+88.4
155
8181+73.6
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
(INDIAN RIVER CITY)
EAST MIMS
JAY JAY
WILSON YARD
NASA
TO CAPE
TITUSVILLE
GARDEN ST (SR 406)
MAIN ST (FLBG)
SOUTH ST
RAIL LUBRICATOR
US HWY 1
TM TK
U. C. (03)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

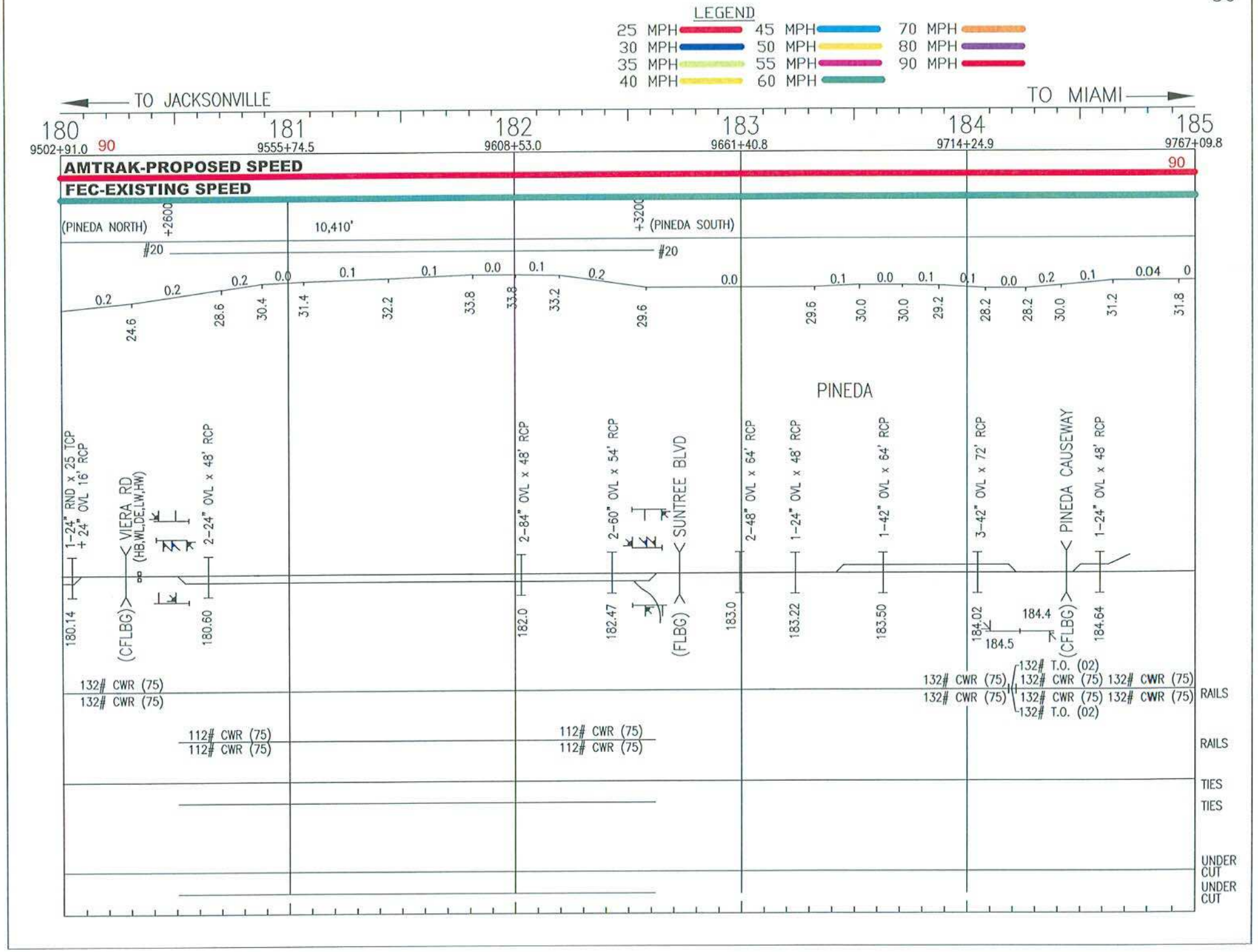

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
155
8181+73.6
156
8234+57.8
157
8287+40.5
158
8340+27.4
159
8393+29.4
160
8445+87.4
90
70
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
(TYCO)
2.12° L
1° R
16,889'
0.01
0.1
0.2
0.0
VC
0.2
0.0
0.1
0.1
18.2
17.2
19.2
21.2
21.2
16.9
16.5
15.1
14.7
14.7
13.7
13.2
INDIAN RIVER CITY
SYCAMORE ST
1-48" OVL x 56' RCP
4-68" OVL x 48' RCP
HARRISON ST
1-30" OVL x 40' RCP
COUNTRY CLUB DR
1-36" OVL X 40' RCP
1-68" OVL x 78' RCP
(HB,DE,AEI)
KNOX McCRAE AVE.
COQUINA AVE (SR 402)
CHENEY HWY (SR 50)
3-48" OVL x 56' RCP
No. 20 UNIVERSAL CROSSOVER
No. 20 UNIVERSAL CROSSOVER
1-42" OVL x 40' RCP
3-56" ARH x 40 RCP
(FLBG)
155.45
155.79
(CFLBG)
156.53
(CFLBG)
156.87
157.22
(FLBG)
(FLBG)
(CFLBG)
158.42
159.07
159.42
156.7
156.6
156.9
156.8
13'
14'
14'
132# CWR (75)
132# CWR (75)
136# CWR (06)
136# CWR (06)
132# CWR (72)
132# CWR (75)
132# CWR (75)
132# CWR (72)
132# CWR (75)
141 CWR (07)
132# CWR (75)
141 CWR (07)
141# CWR (07)
132# CWR (72)
141# CWR (07)
141# CWR (07)
132# CWR (72)
136# CWR (94)
141 CWR (07)
141 CWR (07)
141# CWR (07)
141# CWR (07)
136# CWR (06)
136# CWR (06)
RAILS
RAILS
CONC.
WOOD
CONC.
CONC.
WOOD
CONC.
TIES
TIES
U. C. (03)
U. C. (03)
UNDER CUT
UNDER CUT

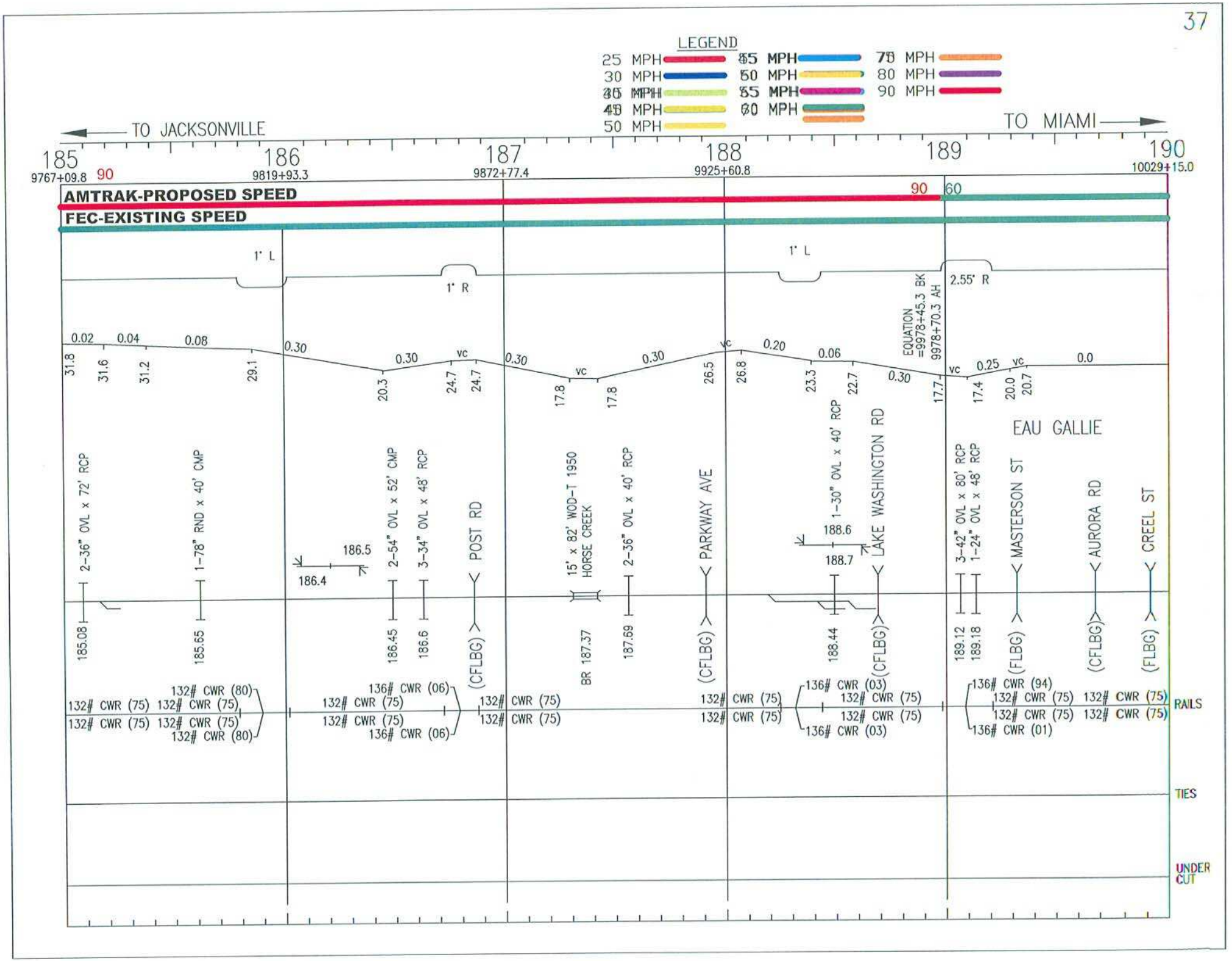

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
160
8445+87.4
161
8498+71.9
162
163
8604+47.6
164
8657+31.0
165
8710+17.6
AMTRAK-PROPOSED SPEED
90 70
70 90
FEC-EXISTING SPEED
1° L
2° L
2° R
3629.6
NEW 8535+01.8
AHEAD 8551+63.9 EQUATION
DELESPINE
SR 405
(OHH)
AIRPORT RD
(FLBG)
1-66" RND x 42' CMP
1-36" OVL x 40' RCP
162.38
KINGS HWY
(FLBG)
FAYE BLVD
(CFLBG)
NORFOLK SOUTHERN AUTO YARD
160.2
160.1
141# CWR (07)
132# CWR (72)
136# CWR (99)
136# CWR (06)
132# CWR (89)
136# CWR (03)
132# CWR (94)
164.2
164.1
164.3
164.4
14'
13'
132# CWR (73)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

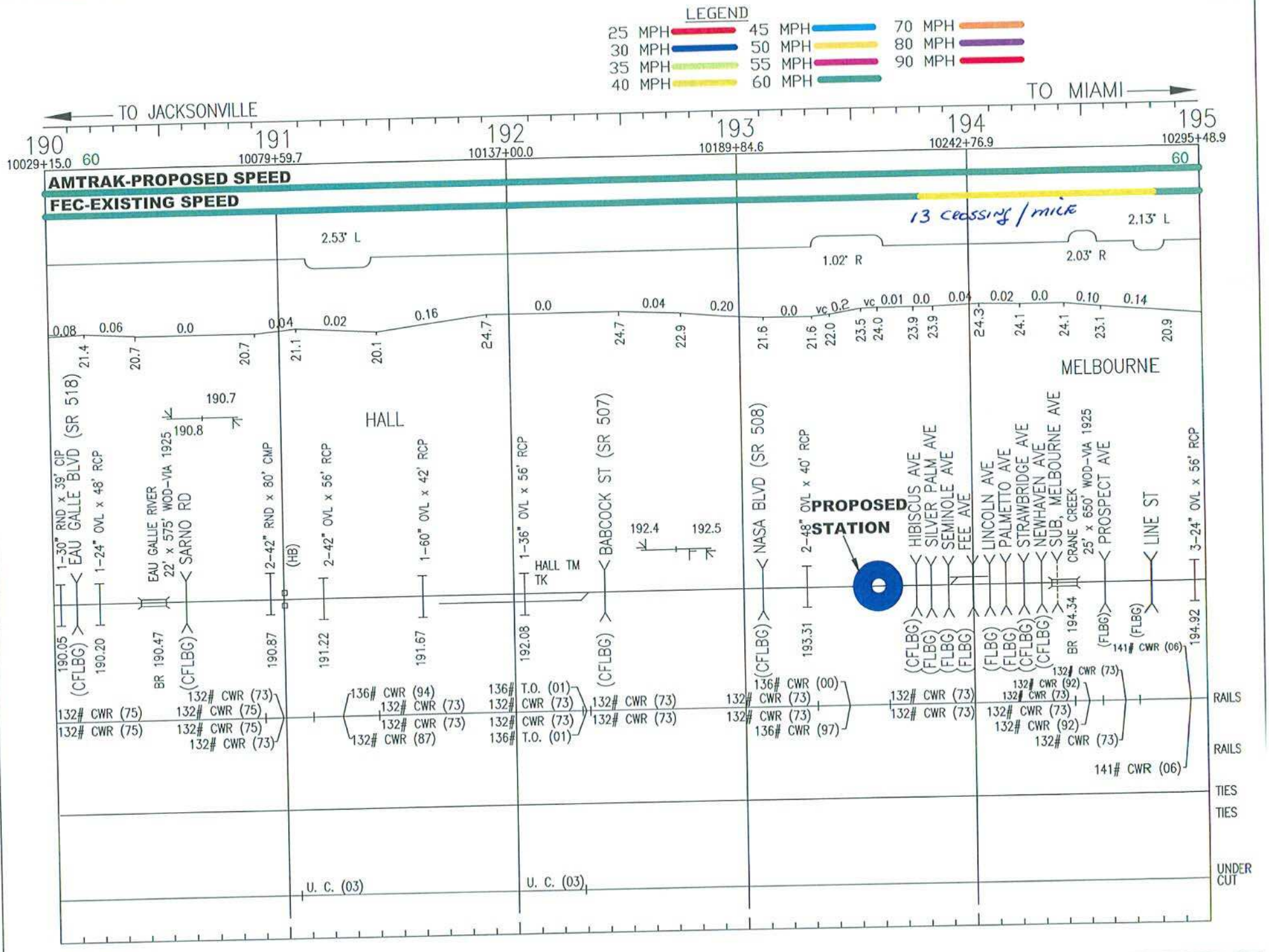

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
165
166
167
168
169
170
8710+17.6
8763+00.23
8815+84.5
8868+69
8921+53.7
8974+37.3
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
13,872'
2.1° R
1° L
+4800
#24
(FRONTENAC)
FRONTENAC
SHARPES
CITY POINT
BROADWAY ST
3-60" OVL x 60' RCP
CAMP RD
1-24" RND x 28' TCP
CANAVERAL GROVES BLVD
RAILROAD AVE
(SFS)
CROSS RD
CIDCO RD (FLBG)
BEAU GEST (FLBG)
SR 528
(OHH)
(FLBG)
165.9
166.70
13'
168.5
168.6
136# CWR (06)
136# CWR (96)
132# CWR (73)
132# CWR (72)
136# CWR (07)
RAILS
TIES
UNDER CUT
U. C. (03)

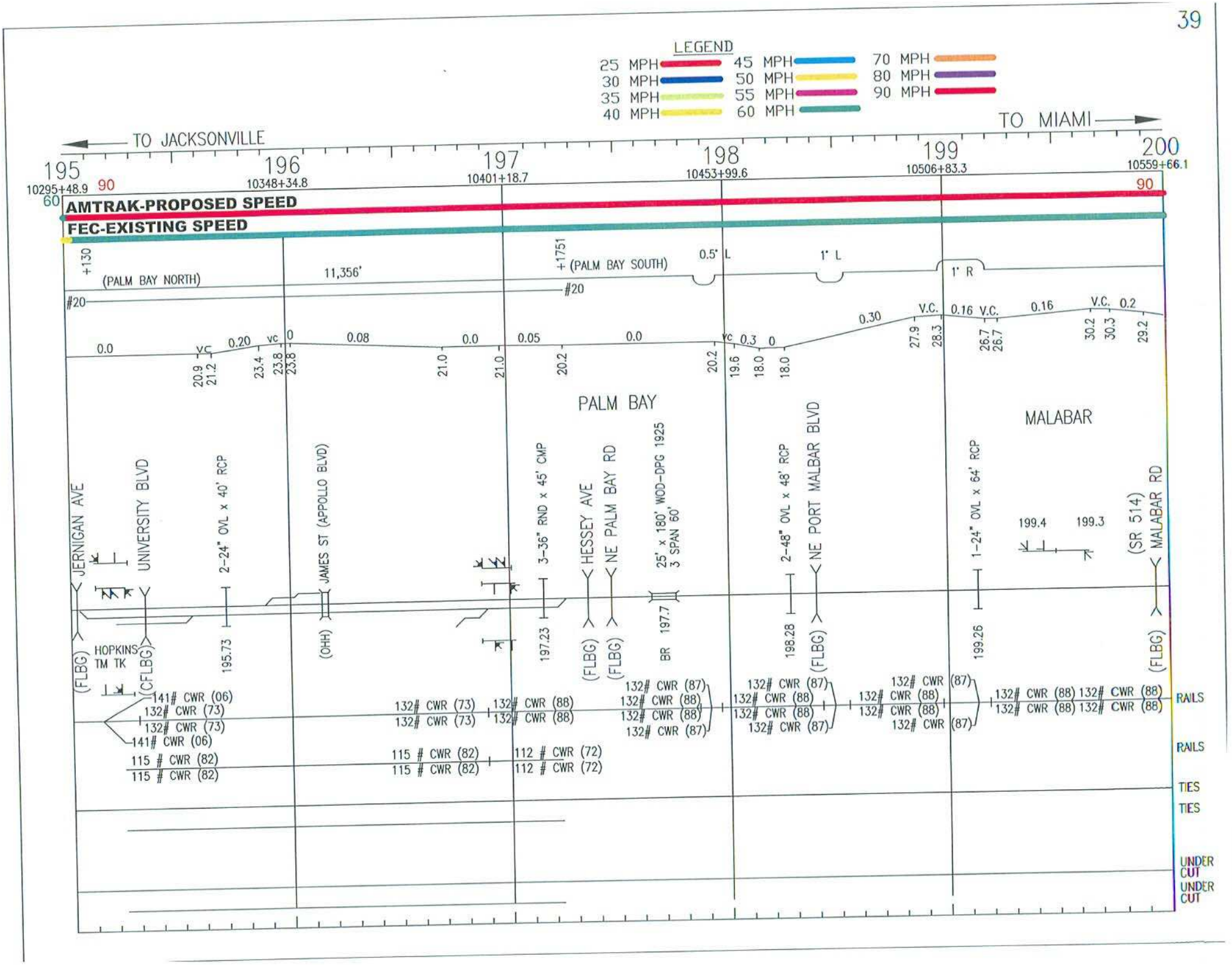

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
170
8974+37.3
171
9027+23.4
172
9080+06.9
173
9129+04.5
174
9180+25.9
175
9238+60.6
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90 70
70 90
90 70
0.8' L
2.02' R
2.03' L
2.03' L
EQUATION
9223+05.3
9230+16.9
0.1
0.1
0.0
0.3
0.2
0.26
0.0
43.2
47.2
47.2
37.9
46.2
27.4
27.4
COCOA-ROCKLEDGE
MICHIGAN AVE
SR 5-503A
DIXON BLVD
(CR 503)
1-24" RND x 28' TCP
W. HIGHLAND DR
PEACHTREE ST
KING ST
1-24" RND x 42' TCP
POINSETT DR
COCOA TM TK
(2)
1-30" RND x 51' CIP
1-30" RND x 51' CIP
(HB)
(CFLBG)
(CFLBG)
(FLBG)
(FLBG)
(CFLBG)
(FLBG)
PROPOSED
STATION
172.19
172.8
172.9
173.42
173.92
174.34
132# CWR (71)
132# CWR (72)
132# CWR (72)
132# CWR (71)
132# CWR (72)
132# CWR (72)
136# CWR (07)
136# CWR (00)
136# CWR (07)
132# CWR (72)
132# CWR (72)
136# CWR (07)
136# CWR (00)
136# CWR (07)
136# CWR (07)
132# CWR (72)
132# CWR (72)
136# CWR (07)
132# CWR (72)
132# CWR (72)
132# CWR (72)
132# CWR (72)
132# CWR (75)
132# CWR (75)
136# CWR (06)
132# CWR (75)
132# CWR (75)
136# CWR (06)
132# CWR (75)
132# CWR (75)
RAILS
TIES
UNDER
CUT

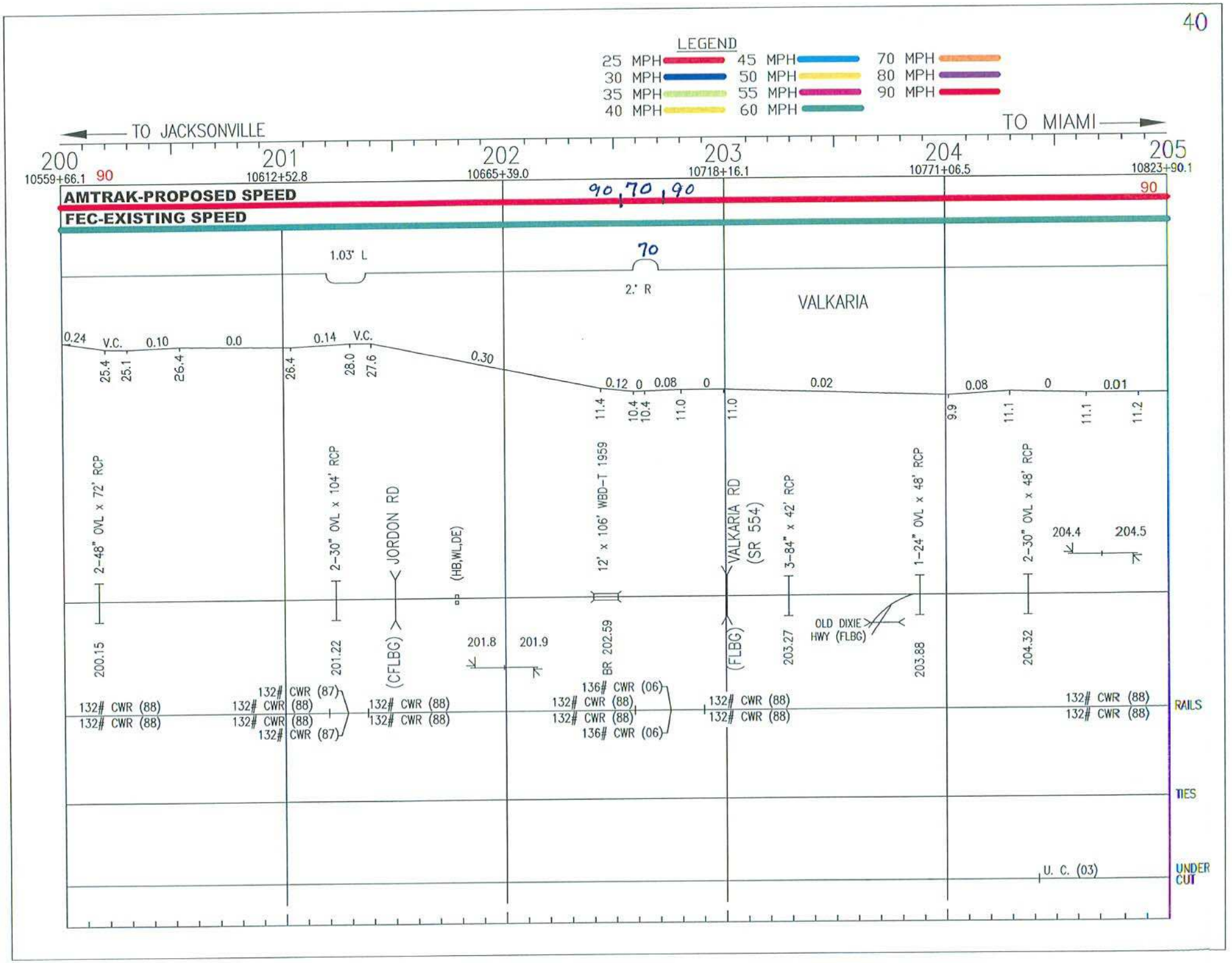

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
175
9238+60.6
176
9291+47
177
9344+32.2
178
9397+19
179
9450+04.5
180
9502+91.0
AMTRAK-PROPOSED SPEED
70
90
FEC-EXISTING SPEED
2.04° R
2.03° L
1.8° R
0.55° R
1° L
0.12
31.5
0.12
0.0
0.1
0.2
0.1
0.0
0.2
20.4
20.4
19.4
19.4
17.3
18.0
18.0
BONAVENTURE
BARTON BLVD
EYSTER BLVD
PRIVATE (RINKER)
1-24" RND x 24' TCP + 24" OVL x 16' RCP
2-36" OVL x 40' RCP
GUS HIPP BLVD
1-24" RND x 28' TCP + 24" OVL x 16' RCP
1-24" RND x 32' TCP + 16' OVL x 16' OVL
3-30" OVL x 40' RCP
2-18" OVL x 40' RCP
BARNES BLVD
2-30" OVL x 40' RCP
1-24" RND x 25' TCP + 24" OVL x 16' RCP
2-48" OVL x 40' RCP
CARVER ST
ANSIN RD
5-30" OVL x 40' RCP
175.5
175.4
(CFLBG)
(CFLBG)
(FLBG)
176.75
177.03
(CFLBG)
177.24
177.55
177.66
177.86
(FLBG)
178.3
178.4
178.17
178.49
178.88
(FLBG)
(FLBG)
KOBIN
NOVA
132# CWR (75)
132# CWR (75)
136# CWR (94)
132# CWR (75)
132# CWR (75)
136# CWR (94)
132# CWR (75)
132# CWR (89)
132# CWR (75)
136# CWR (94)
132# CWR (75)
136# CWR (96)
132# CWR (75)
132# CWR (75)
136# CWR (96)
132# CWR (75)
132# CWR (73)
132# CWR (73)
132# CWR (75)
136# CWR (01)
132# CWR (75)
132# CWR (75)
132# CWR (73)
132# CWR (75)
132# CWR (75)
RAILS
TIES
UNDER CUT

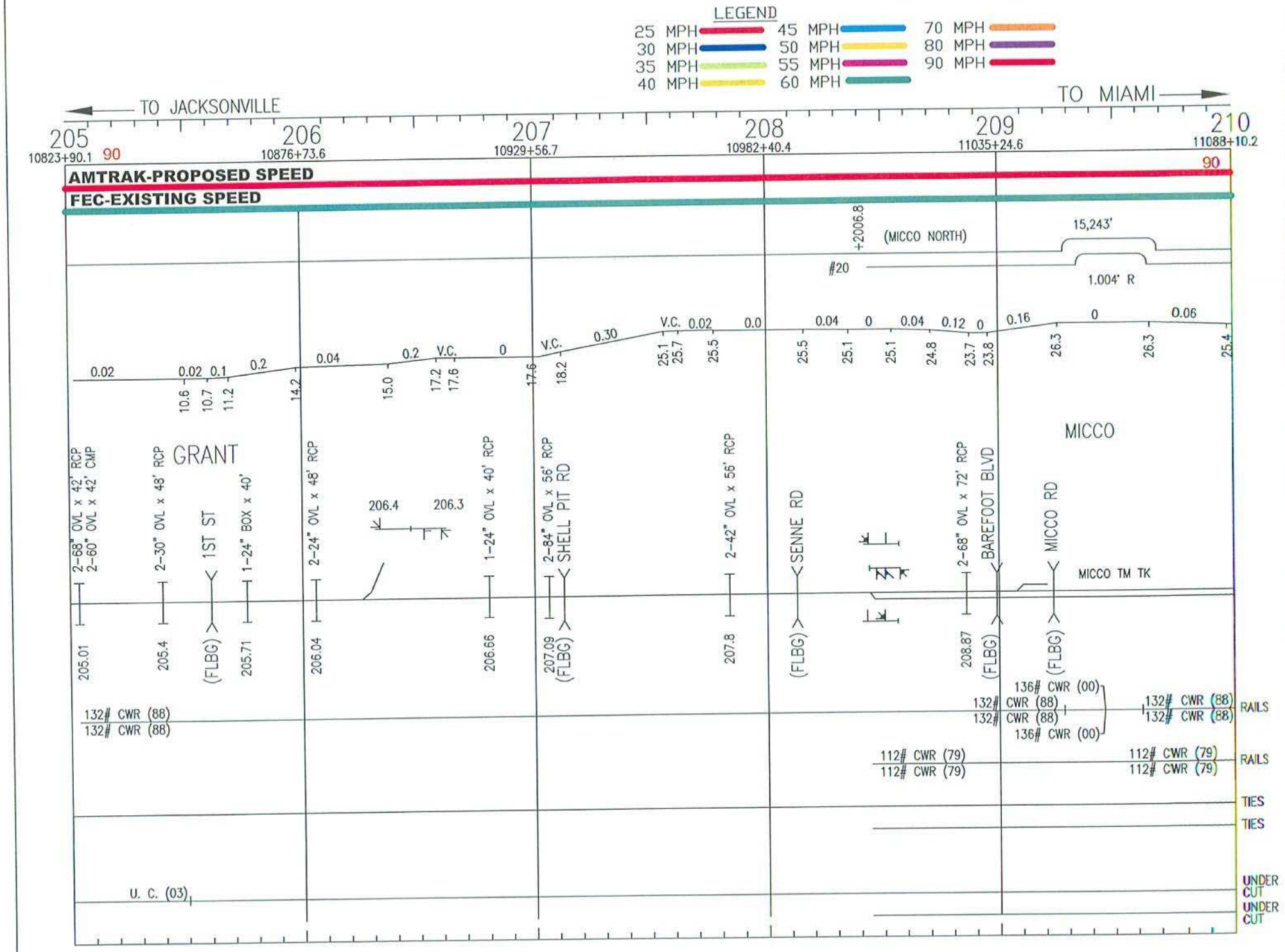

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
180
9502+91.0
181
9555+74.5
182
9608+53.0
183
9661+40.8
184
9714+24.9
185
9767+09.8
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
(PINEDA NORTH)
+2600
10,410'
+3200
(PINEDA SOUTH)
#20
PINEDA
1-24" RND x 25 TCP + 24" OVL 16' RCP
VIERA RD (HB,WL,DE,LW,HW)
2-24" OVL x 48' RCP
2-84" OVL x 48' RCP
2-60" OVL x 54' RCP
SUNTREE BLVD
2-48" OVL x 64' RCP
1-24" OVL x 48' RCP
1-42" OVL x 64' RCP
3-42" OVL x 72' RCP
PINEDA CAUSEWAY
1-24" OVL x 48' RCP
180.14
(CFLBG)
180.60
182.0
182.47
(FLBG)
183.0
183.22
183.50
184.02
184.5
184.4
(CFLBG)
184.64
132# CWR (75)
132# T.O. (02)
RAILS
112# CWR (75)
TIES
UNDER CUT

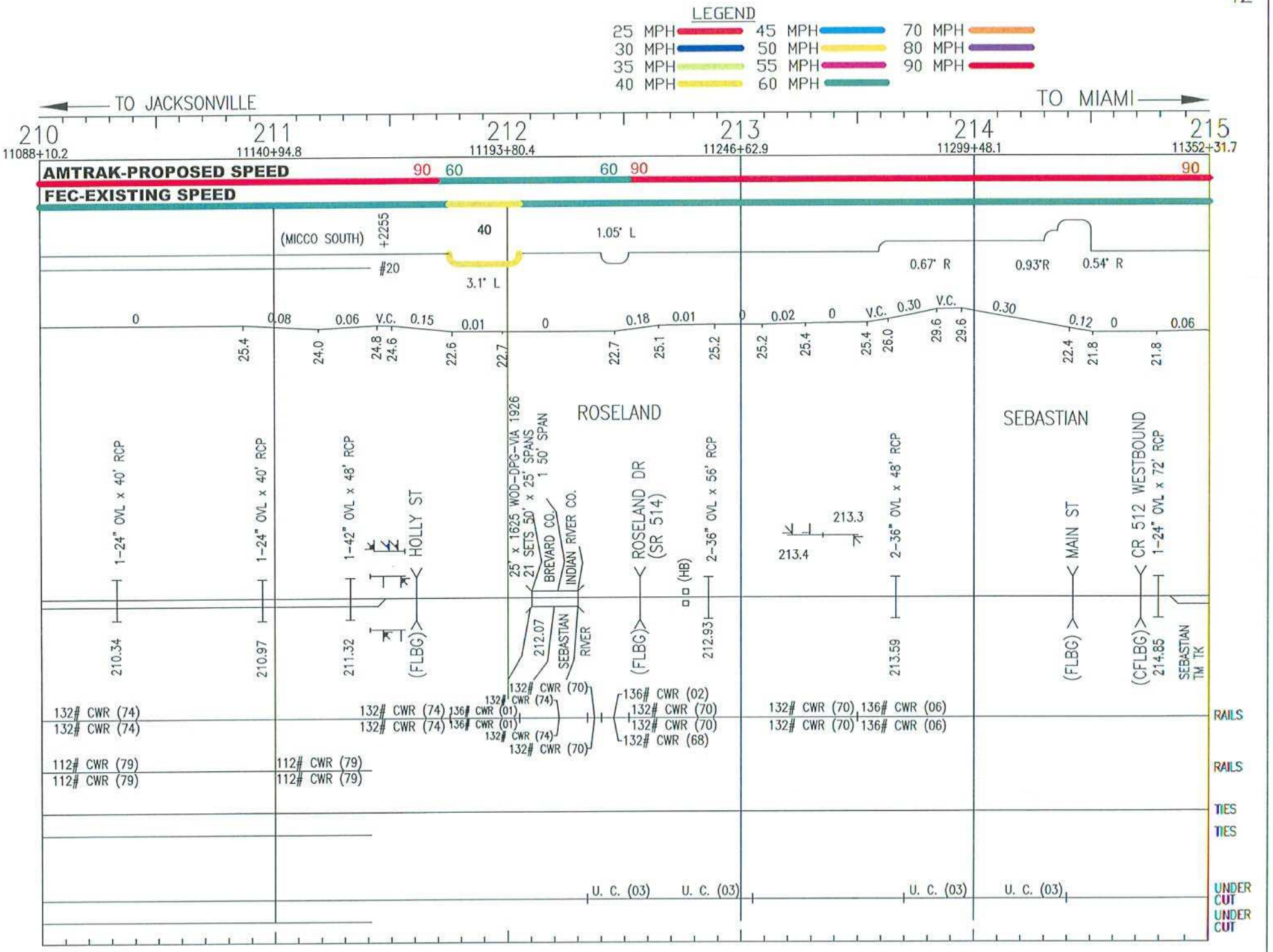

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
50 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
185
9767+09.8
186
9819+93.3
187
9872+77.4
188
9925+60.8
189
190
10029+15.0
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90
60
1° L
1° R
1° L
2.55° R
EQUATION
=9978+45.3 BK
9978+70.3 AH
0.02
0.04
0.08
0.30
0.30
0.30
0.30
0.20
0.06
0.30
0.25
0.0
vc
31.8
31.6
31.2
29.1
20.3
24.7
24.7
17.8
17.8
26.5
26.8
23.3
22.7
17.7
17.4
20.0
20.7
2-36" OVL x 72' RCP
1-78" RND x 40' CMP
186.5
186.4
2-54" OVL x 52' CMP
3-34" OVL x 48' RCP
POST RD
15' x 82' WOD-T 1950
HORSE CREEK
2-36" OVL x 40' RCP
PARKWAY AVE
1-30" OVL x 40' RCP
188.6
188.7
LAKE WASHINGTON RD
3-42" OVL x 80' RCP
1-24" OVL x 48' RCP
EAU GALLIE
MASTERSON ST
AURORA RD
CREEL ST
185.08
185.65
186.45
186.6
(CFLBG)
BR 187.37
187.69
(CFLBG)
188.44
(CFLBG)
189.12
189.18
(FLBG)
(CFLBG)
(FLBG)
132# CWR (75)
132# CWR (75)
132# CWR (80)
132# CWR (75)
132# CWR (75)
132# CWR (80)
136# CWR (06)
132# CWR (75)
132# CWR (75)
136# CWR (06)
132# CWR (75)
132# CWR (75)
132# CWR (75)
132# CWR (75)
136# CWR (03)
132# CWR (75)
132# CWR (75)
136# CWR (03)
136# CWR (94)
132# CWR (75)
132# CWR (75)
136# CWR (01)
132# CWR (75)
132# CWR (75)
RAILS
TIES
UNDER CUT

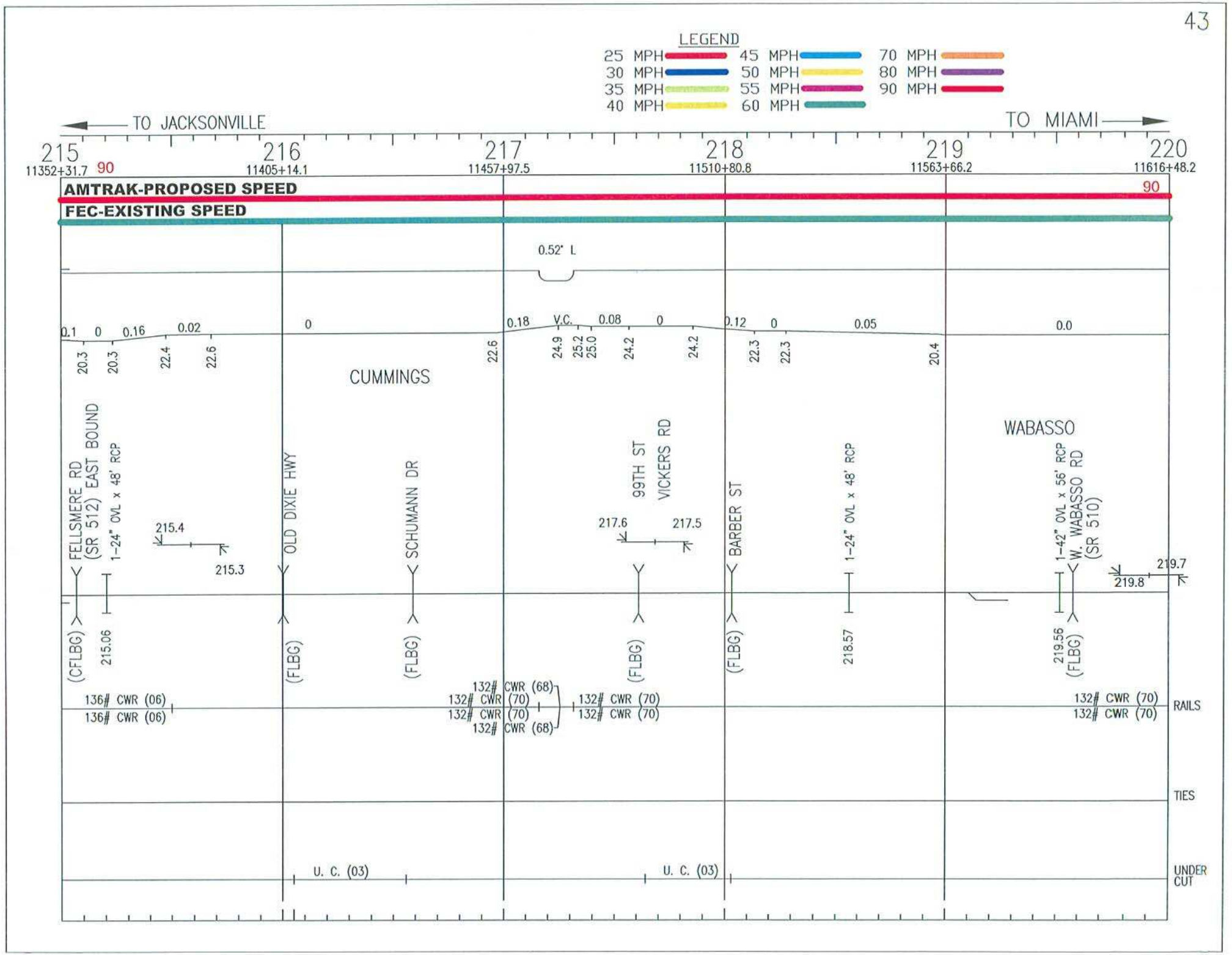

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
190
10029+15.0
191
10079+59.7
192
10137+00.0
193
10189+84.6
194
10242+76.9
195
10295+48.9
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
13 crossing / mile
2.53° L
1.02° R
2.03° R
2.13° L
HALL
MELBOURNE
1-30" RND x 39' CIP
EAU GALLE BLVD (SR 518)
1-24" OVL x 48' RCP
EAU GALLIE RIVER
22' x 575' WOD-VIA 1925
SARNO RD
2-42" RND x 80' CMP
2-42" OVL x 56' RCP
1-60" OVL x 42' RCP
1-36" OVL x 56' RCP
HALL TM
TK
BABCOCK ST (SR 507)
NASA BLVD (SR 508)
2-48" OVL x 40' RCP
PROPOSED STATION
HIBISCUS AVE
SILVER PALM AVE
SEMINOLE AVE
FEE AVE
LINCOLN AVE
PALMETTO AVE
STRAWBRIDGE AVE
NEWHAVEN AVE
SUB, MELBOURNE AVE
CRANE CREEK
25' x 650' WOD-VIA 1925
PROSPECT AVE
LINE ST
3-24" OVL x 56' RCP
RAILS
RAILS
TIES
TIES
UNDER CUT
U. C. (03)
U. C. (03)

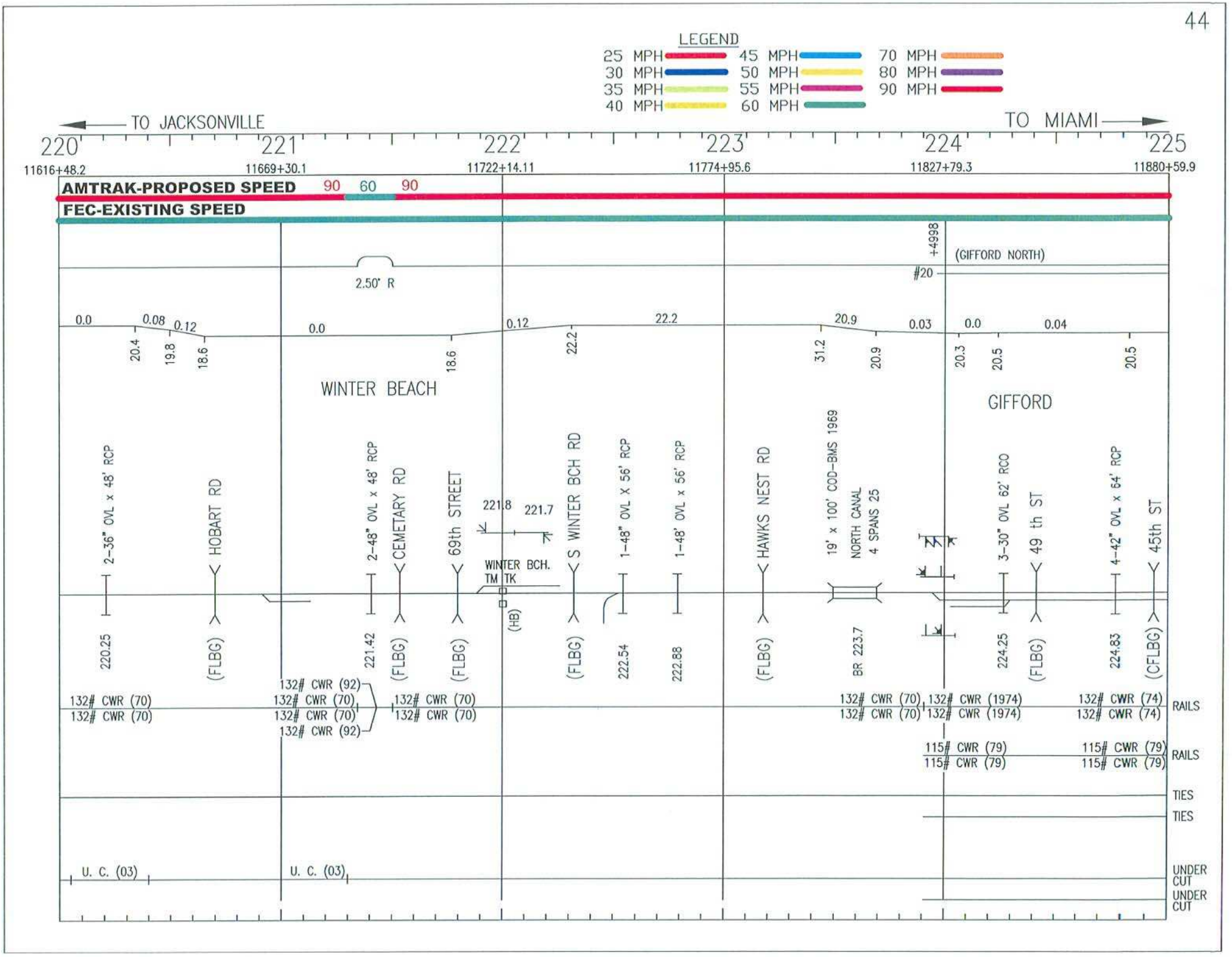

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
195
196
197
198
199
200
10295+48.9
10348+34.8
10401+18.7
10453+99.6
10506+83.3
10559+66.1
90
60
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
+130
(PALM BAY NORTH)
11,356'
+1751
(PALM BAY SOUTH)
0.5° L
1° L
1° R
#20
0.0
0.20
0.08
0.0
0.05
0.0
0.3
0
0.30
0.16
0.16
0.2
V.C.
20.9
21.2
23.4
23.8
21.0
21.0
20.2
20.2
19.6
18.0
18.0
27.9
28.3
26.7
26.7
30.2
30.3
29.2
PALM BAY
MALABAR
JERNIGAN AVE
UNIVERSITY BLVD
2-24" OVL x 40' RCP
JAMES ST (APPOLLO BLVD)
3-36" RND x 45' CMP
HESSEY AVE
NE PALM BAY RD
25' x 180' WOD-DPG 1925
3 SPAN 60'
2-48" OVL x 48' RCP
NE PORT MALBAR BLVD
1-24" OVL x 64' RCP
199.4
199.3
(SR 514)
MALABAR RD
(FLBG)
HOPKINS TM TK
(CFLBG)
195.73
(OHH)
197.23
(FLBG)
(FLBG)
BR 197.7
198.28
(FLBG)
199.26
(FLBG)
141# CWR (06)
132# CWR (73)
132# CWR (73)
141# CWR (06)
115 # CWR (82)
115 # CWR (82)
132# CWR (73)
132# CWR (73)
132# CWR (88)
132# CWR (88)
115 # CWR (82)
115 # CWR (82)
112 # CWR (72)
112 # CWR (72)
132# CWR (87)
132# CWR (88)
132# CWR (88)
132# CWR (87)
132# CWR (87)
132# CWR (88)
132# CWR (88)
132# CWR (87)
132# CWR (87)
132# CWR (88)
132# CWR (88)
132# CWR (87)
132# CWR (88)
132# CWR (88)
132# CWR (88)
132# CWR (88)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

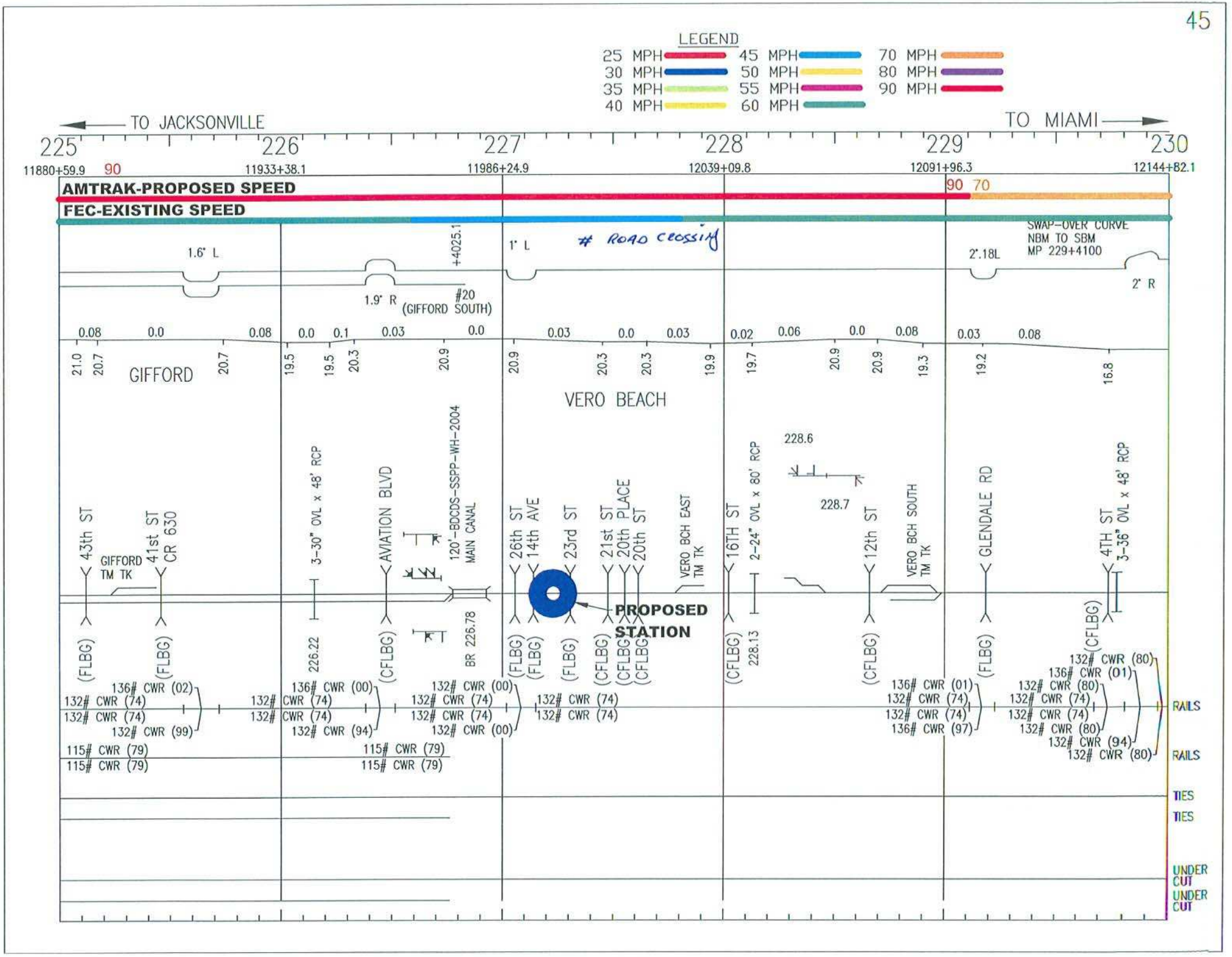

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
200
10559+66.1
201
10612+52.8
202
10665+39.0
203
10718+16.1
204
10771+06.5
205
10823+90.1
AMTRAK-PROPOSED SPEED
90, 70, 90
FEC-EXISTING SPEED
1.03° L
70
2.° R
VALKARIA
0.24
V.C.
0.10
0.0
0.14
V.C.
0.30
0.12
0
0.08
0
0.02
0.08
0
0.01
2-48" OVL x 72' RCP
2-30" OVL x 104' RCP
JORDON RD
(HB,WL,DE)
12' x 106' WBD-T 1959
VALKARIA RD
(SR 554)
3-84" x 42' RCP
1-24" OVL x 48' RCP
2-30" OVL x 48' RCP
204.4
204.5
200.15
201.22
(CFLBG)
201.8
201.9
BR 202.59
(FLBG)
203.27
OLD DIXIE
HWY (FLBG)
203.88
204.32
132# CWR (88)
132# CWR (87)
136# CWR (06)
RAILS
TIES
UNDER
CUT
U. C. (03)

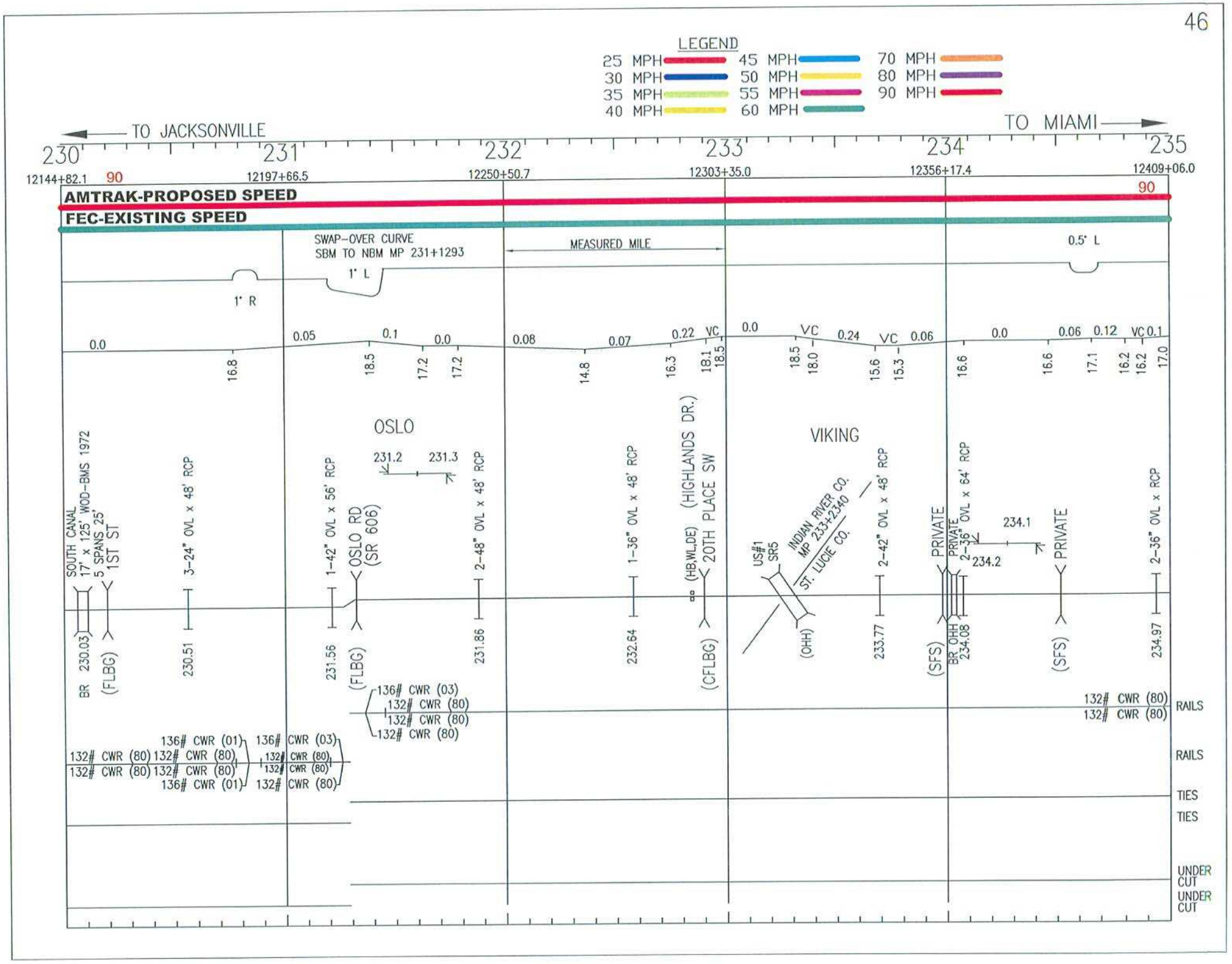

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
205
10823+90.1
206
10876+73.6
207
10929+56.7
208
10982+40.4
209
11035+24.6
210
11088+10.2
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
+2006.8
(MICCO NORTH)
15,243'
#20
1.004' R
GRANT
MICCO
2-68" OVL x 42' RCP
2-60" OVL x 42' CMP
2-30" OVL x 48' RCP
1ST ST
1-24" BOX x 40'
2-24" OVL x 48' RCP
1-24" OVL x 40' RCP
2-84" OVL x 56' RCP
SHELL PIT RD
2-42" OVL x 56' RCP
SENNE RD
2-68" OVL x 72' RCP
BAREFOOT BLVD
MICCO RD
MICCO TM TK
205.01
205.4
(FLBG)
205.71
206.04
206.66
207.09
(FLBG)
207.8
(FLBG)
208.87
(FLBG)
(FLBG)
132# CWR (88)
132# CWR (88)
136# CWR (00)
132# CWR (88)
132# CWR (88)
136# CWR (00)
132# CWR (88)
132# CWR (88)
112# CWR (79)
112# CWR (79)
112# CWR (79)
112# CWR (79)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT
U. C. (03)

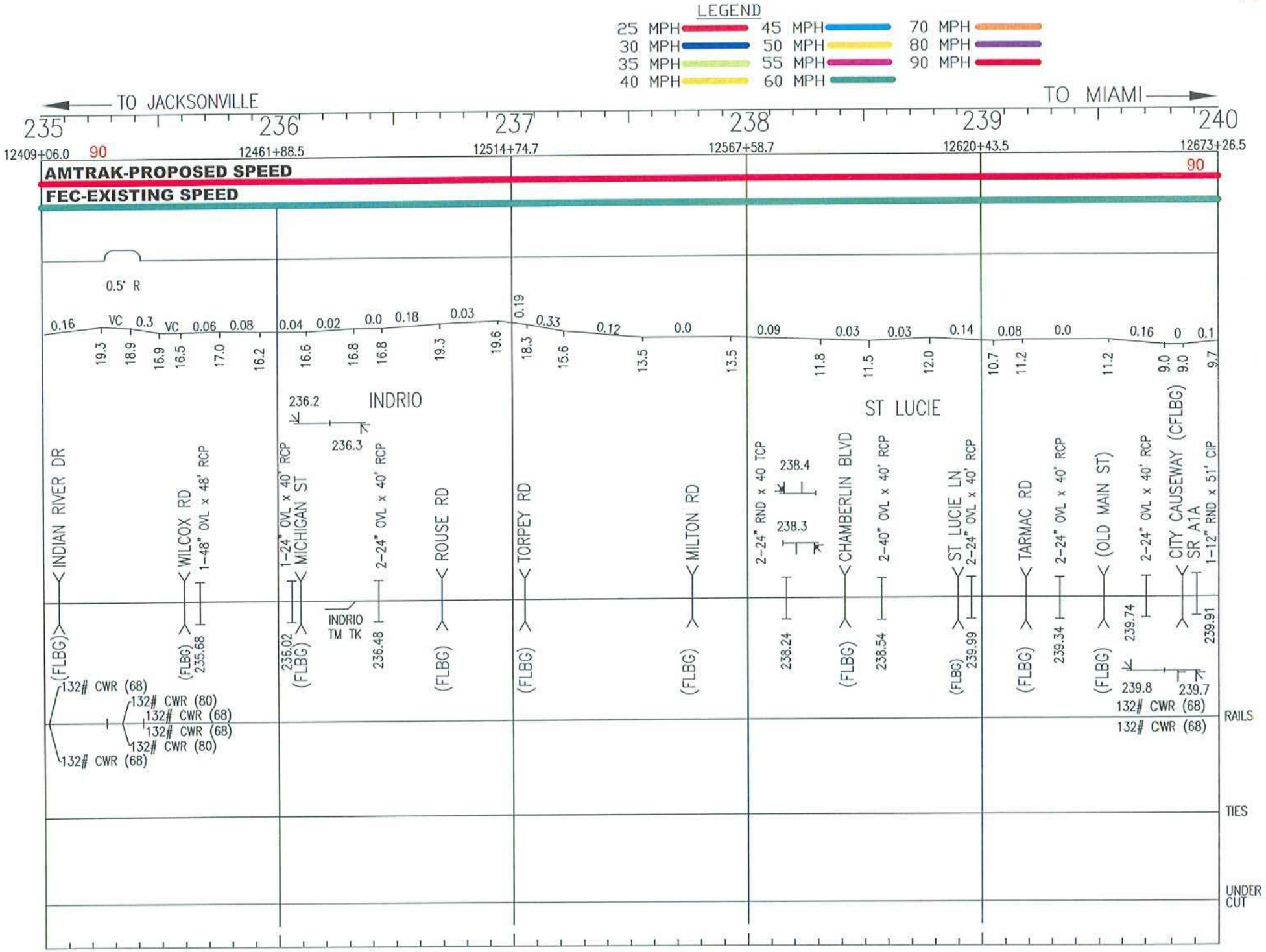

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
210
11088+10.2
211
11140+94.8
212
11193+80.4
213
11246+62.9
214
11299+48.1
215
11352+31.7
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
(MICCO SOUTH)
+2255
#20
ROSELAND
SEBASTIAN
HOLLY ST
ROSELAND DR (SR 514)
MAIN ST
CR 512 WESTBOUND
1-24" OVL x 40' RCP
1-42" OVL x 48' RCP
2-36" OVL x 56' RCP
2-36" OVL x 48' RCP
1-24" OVL x 72' RCP
25' x 1625 WOD-DPG-VIA 1926
21 SETS 50' x 25' SPANS
1 50' SPAN
BREVARD CO.
INDIAN RIVER CO.
SEBASTIAN RIVER
SEBASTIAN TM TK
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

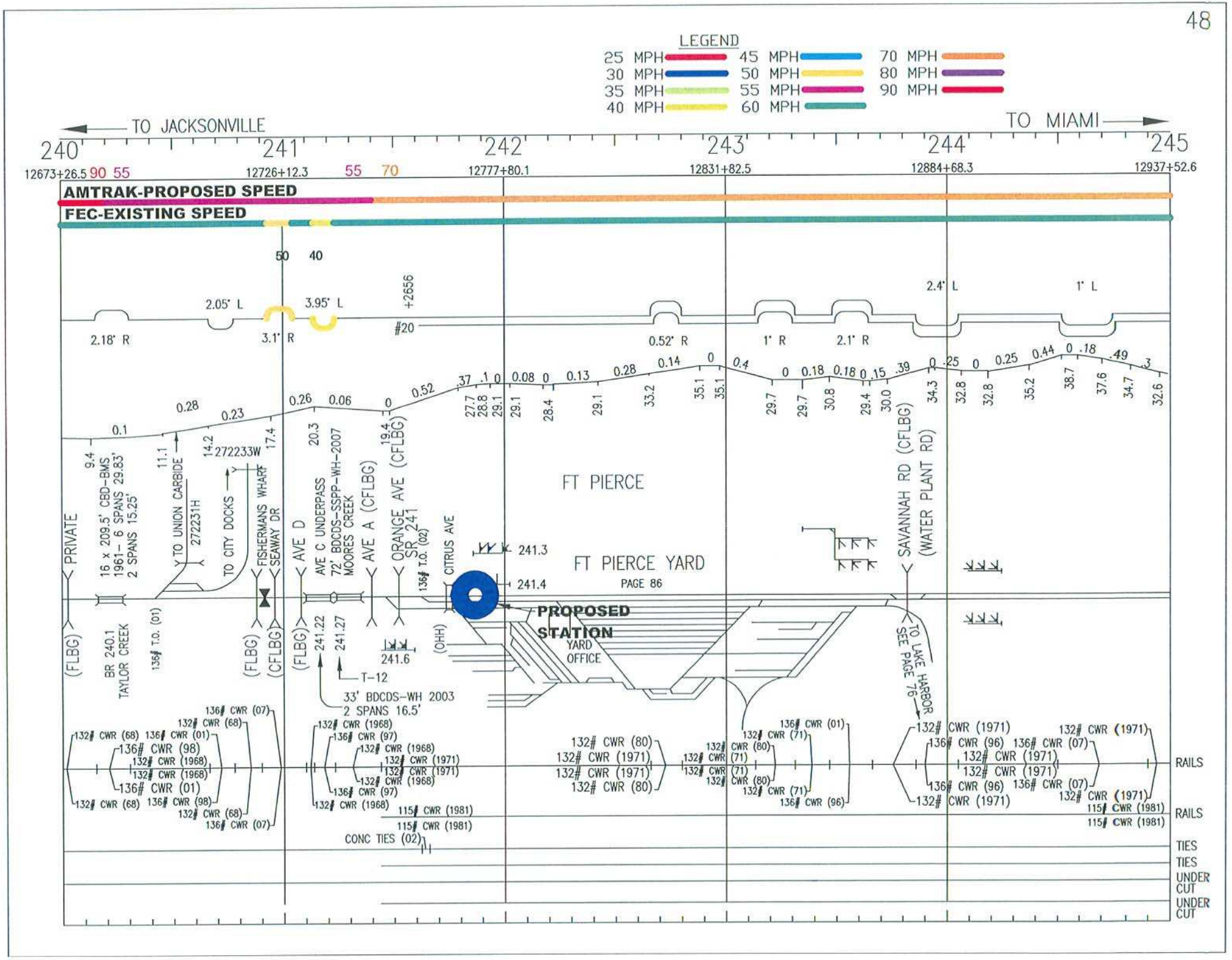

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
215
11352+31.7
90
216
11405+14.1
217
11457+97.5
218
11510+80.8
219
11563+66.2
220
11616+48.2
AMTRAK-PROPOSED SPEED
90
FEC-EXISTING SPEED
0.52° L
0.1
0
0.16
0.02
0
0.18
V.C.
0.08
0
0.12
0
0.05
0.0
20.3
20.3
22.4
22.6
22.6
24.9
25.2
25.0
24.2
24.2
22.3
22.3
20.4
CUMMINGS
WABASSO
FELLSMERE RD
(SR 512) EAST BOUND
1-24" OVL x 48' RCP
215.4
215.3
OLD DIXIE HWY
SCHUMANN DR
99TH ST
VICKERS RD
217.6
217.5
BARBER ST
1-24" OVL x 48' RCP
1-42" OVL x 56' RCP
W. WABASSO RD
(SR 510)
219.7
219.8
(CFLBG)
215.06
(FLBG)
(FLBG)
(FLBG)
(FLBG)
218.57
219.56
(FLBG)
136# CWR (06)
136# CWR (06)
132# CWR (68)
132# CWR (70)
132# CWR (70)
132# CWR (68)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
RAILS
TIES
U. C. (03)
U. C. (03)
UNDER CUT

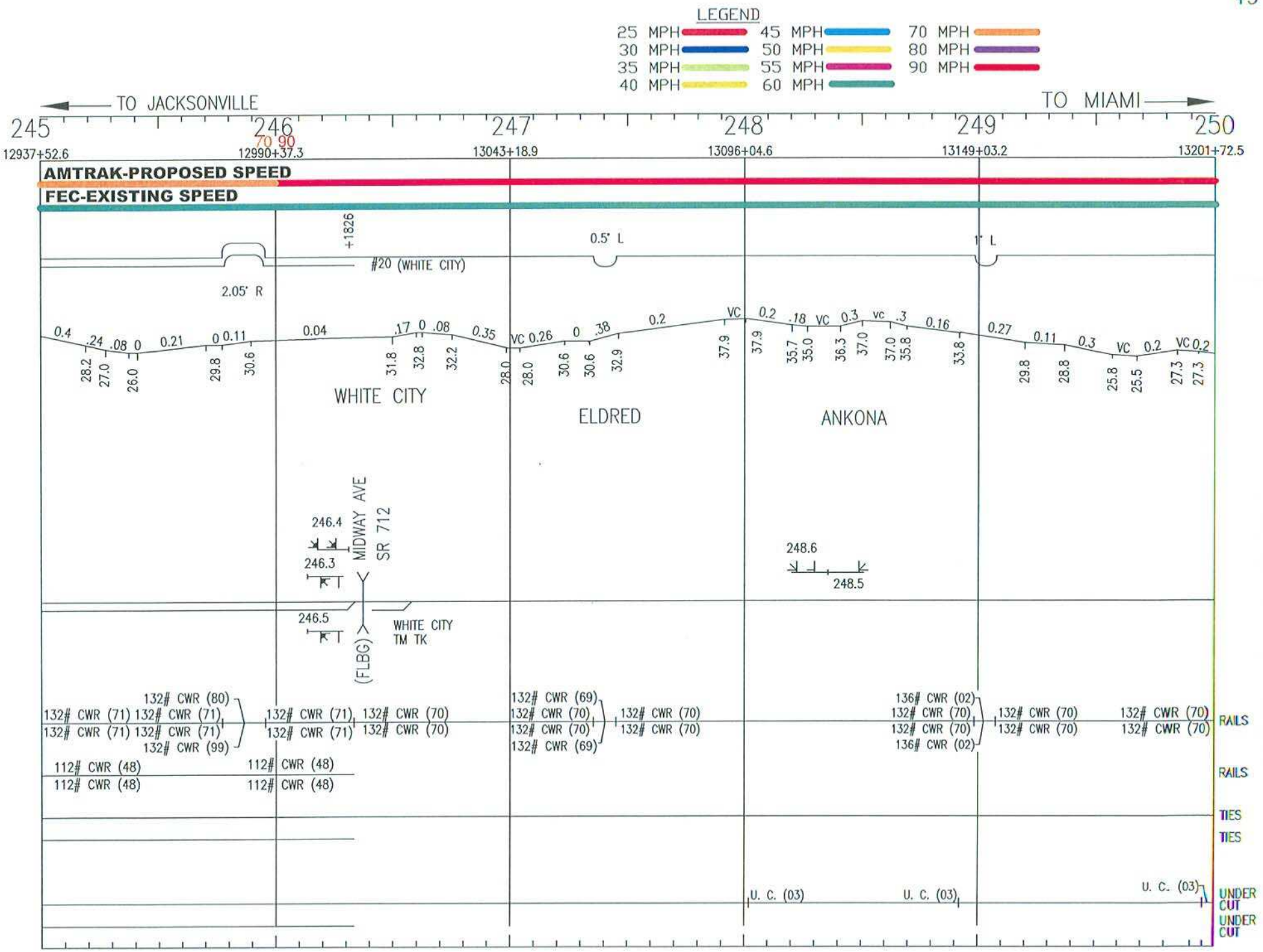

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
220
221
222
223
224
225
11616+48.2
11669+30.1
11722+14.11
11774+95.6
11827+79.3
11880+59.9
AMTRAK-PROPOSED SPEED
90
60
90
FEC-EXISTING SPEED
+4998
(GIFFORD NORTH)
#20
2.50° R
0.0
0.08
0.12
0.0
0.12
22.2
20.9
0.03
0.0
0.04
20.4
19.8
18.6
18.6
22.2
31.2
20.9
20.3
20.5
20.5
WINTER BEACH
GIFFORD
2-36" OVL x 48' RCP
HOBART RD
2-48" OVL x 48' RCP
CEMETARY RD
69th STREET
221.8
221.7
WINTER BCH.
TM TK
(HB)
S WINTER BCH RD
1-48" OVL X 56' RCP
1-48' OVL x 56' RCP
HAWKS NEST RD
19' x 100' COD-BMS 1969
NORTH CANAL
4 SPANS 25
3-30" OVL 62' RCO
49 th ST
4-42" OVL x 64' RCP
45th ST
220.25
(FLBG)
221.42
(FLBG)
(FLBG)
(FLBG)
222.54
222.88
(FLBG)
BR 223.7
224.25
(FLBG)
224.83
(CFLBG)
132# CWR (92)
132# CWR (70)
132# CWR (70)
132# CWR (92)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (1974)
132# CWR (1974)
132# CWR (74)
132# CWR (74)
RAILS
115# CWR (79)
115# CWR (79)
115# CWR (79)
115# CWR (79)
RAILS
TIES
TIES
U. C. (03)
U. C. (03)
UNDER CUT
UNDER CUT

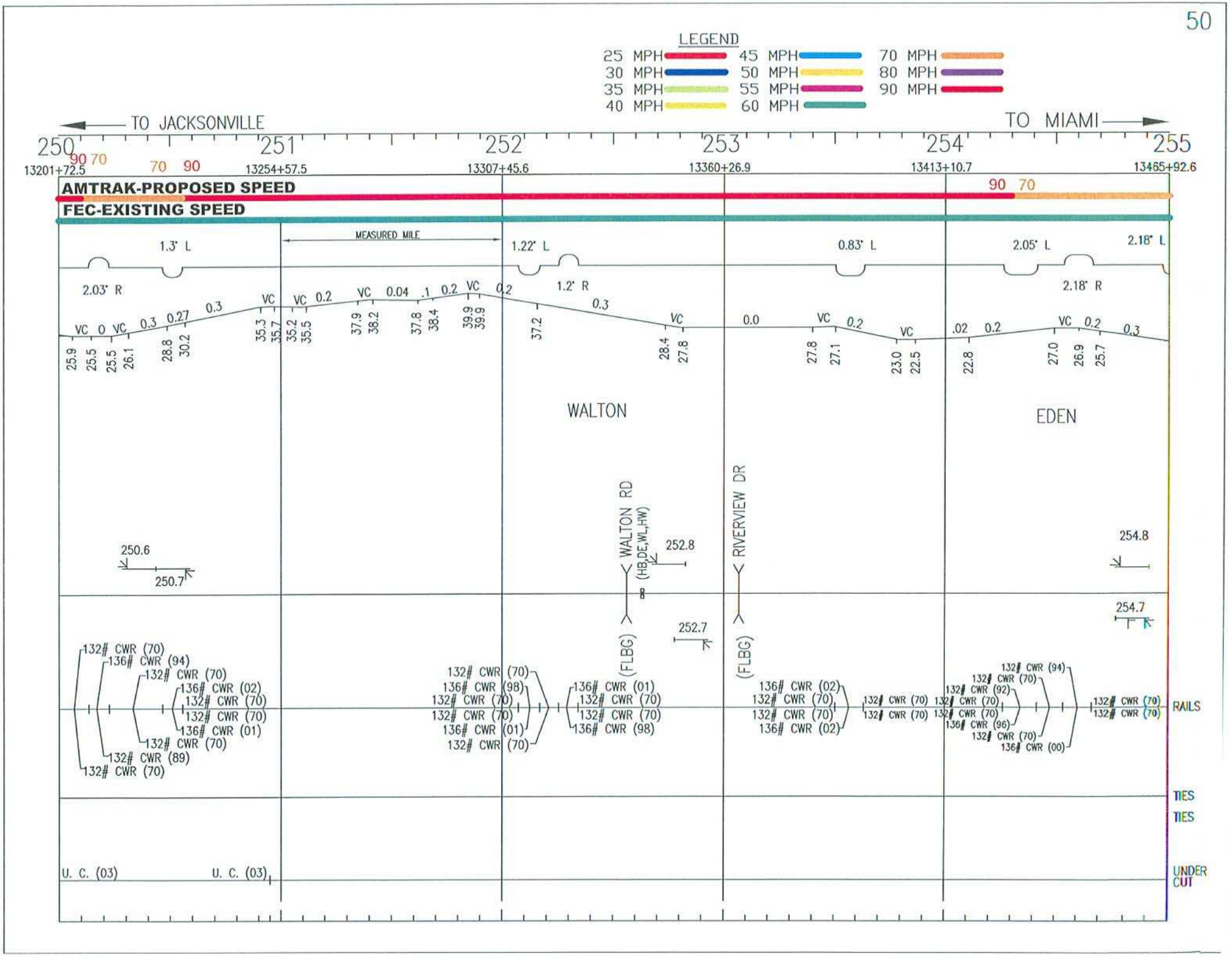

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
225
226
227
228
229
230
11880+59.9
11933+38.1
11986+24.9
12039+09.8
12091+96.3
12144+82.1
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90
90 70
1.6° L
1.9° R
+4025.1
#20 (GIFFORD SOUTH)
1° L
ROAD CROSSING
2°.18L
SWAP-OVER CURVE NBM TO SBM MP 229+4100
2° R
GIFFORD
VERO BEACH
43th ST
GIFFORD TM TK
41st ST CR 630
3-30" OVL x 48' RCP
AVIATION BLVD
120'-BDCDS-SSPP-WH-2004 MAIN CANAL
26th ST 14th AVE
23rd ST
21st ST 20th PLACE 20th ST
VERO BCH EAST TM TK
16TH ST
2-24" OVL x 80' RCP
228.6
228.7
12th ST
VERO BCH SOUTH TM TK
GLENDALE RD
4TH ST 3-36" OVL x 48' RCP
PROPOSED STATION
226.22
BR 226.78
228.13
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

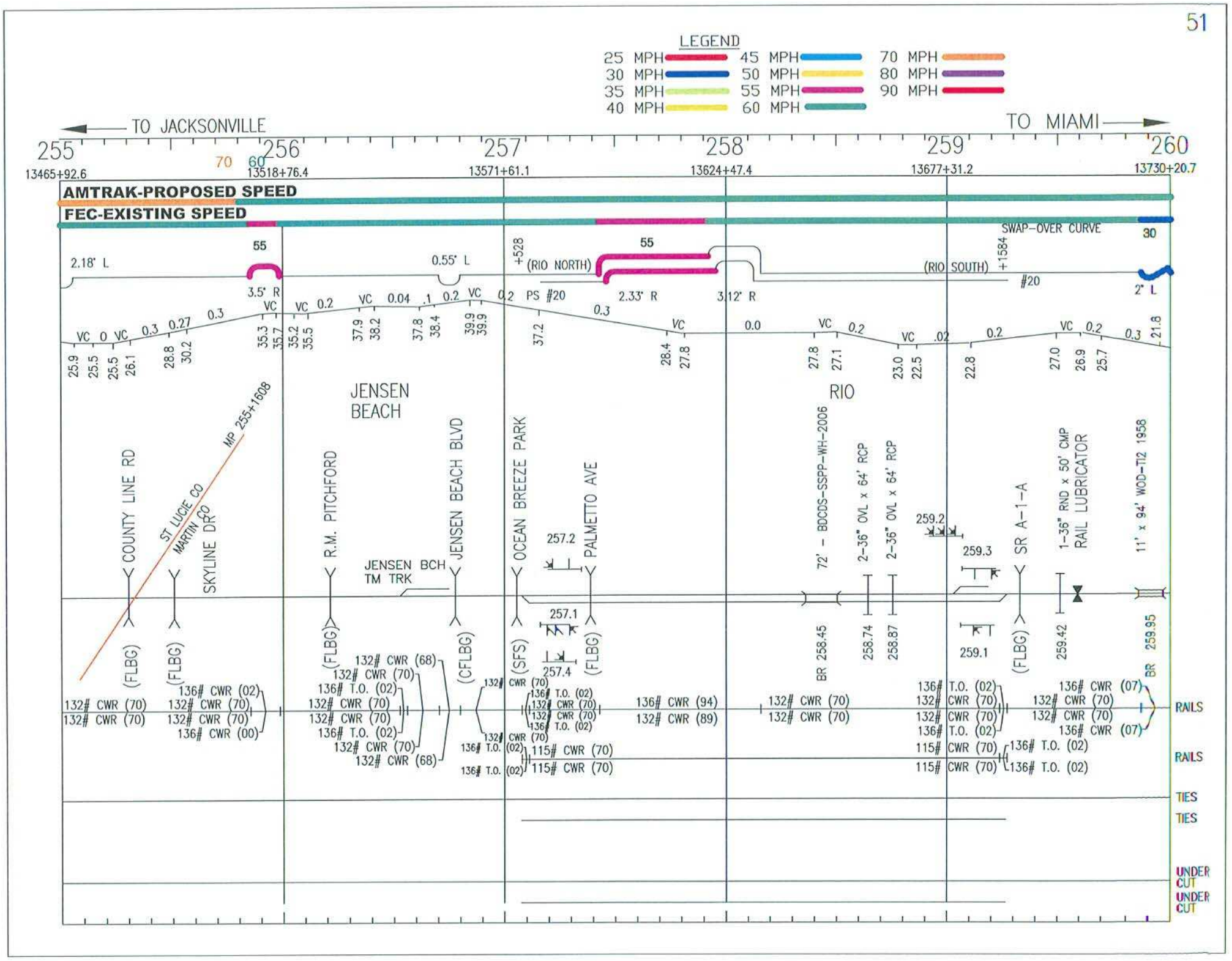

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
230
231
232
233
234
235
12144+82.1
12197+66.5
12250+50.7
12303+35.0
12356+17.4
12409+06.0
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
SWAP-OVER CURVE
SBM TO NBM MP 231+1293
MEASURED MILE
1° L
1° R
0.5° L
OSLO
VIKING
SOUTH CANAL
17' x 125' WOD-BMS 1972
5 SPANS 25'
1ST ST
3-24" OVL x 48' RCP
1-42" OVL x 56' RCP
OSLO RD
(SR 606)
231.2
231.3
2-48" OVL x 48' RCP
1-36" OVL x 48' RCP
(HB,WL,DE)
(HIGHLANDS DR.)
20TH PLACE SW
US#1
SR5
INDIAN RIVER CO.
MP 233+2340
ST. LUCIE CO.
2-42" OVL x 48' RCP
PRIVATE
2-36" OVL x 64' RCP
234.1
234.2
PRIVATE
2-36" OVL x RCP
BR 230.03
(FLBG)
230.51
231.56
(FLBG)
231.86
232.64
(CFLBG)
(OHH)
233.77
(SFS)
BR OHH
234.08
(SFS)
234.97
136# CWR (03)
132# CWR (80)
132# CWR (80)
132# CWR (80)
136# CWR (01)
132# CWR (80)
132# CWR (80)
136# CWR (01)
136# CWR (03)
132# CWR (80)
132# CWR (80)
132# CWR (80)
132# CWR (80)
132# CWR (80)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

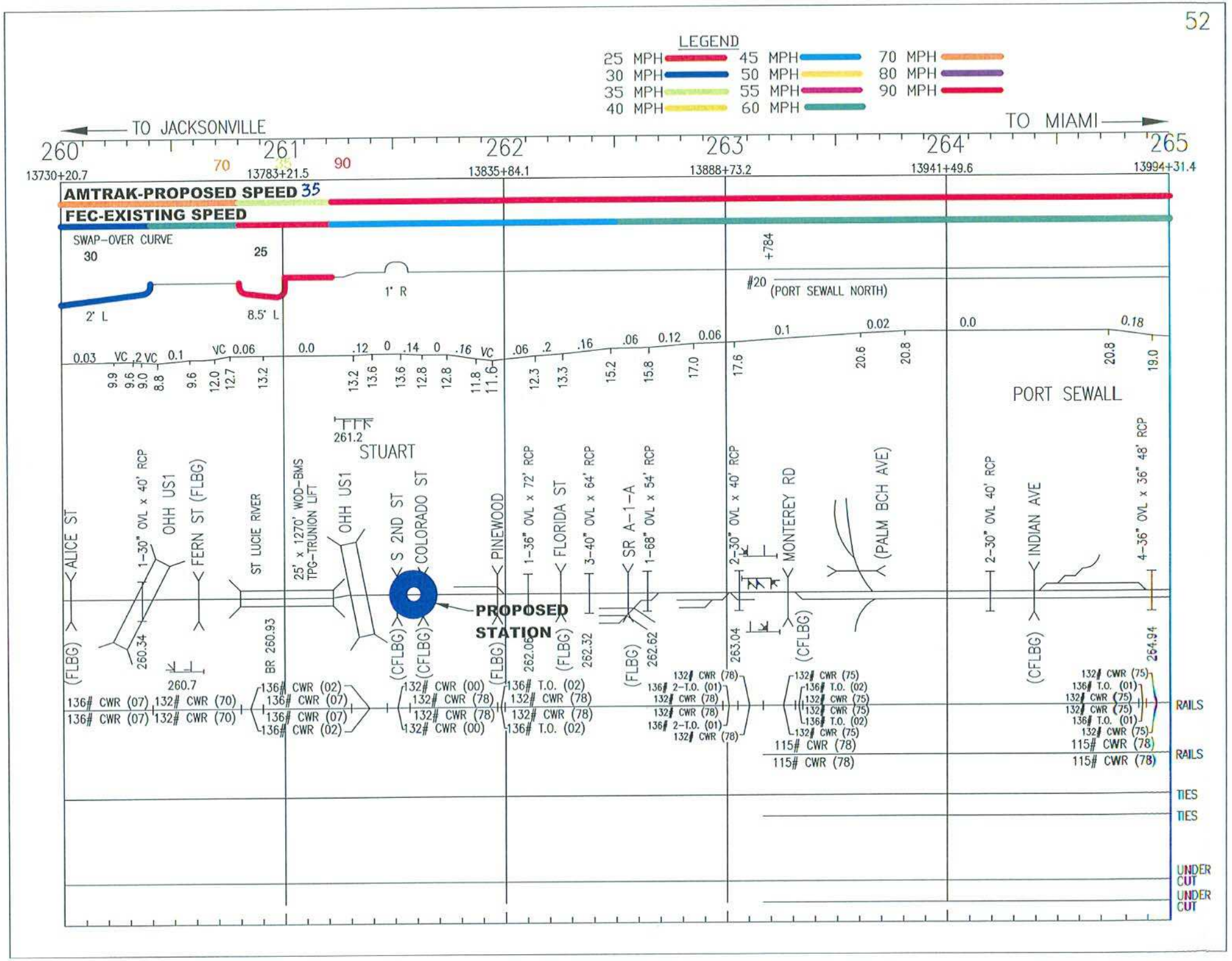

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
235
236
237
238
239
240
12409+06.0
12461+88.5
12514+74.7
12567+58.7
12620+43.5
12673+26.5
90
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
0.5' R
INDRIO
ST LUCIE
INDIAN RIVER DR
WILCOX RD
1-48" OVL x 48' RCP
1-24" OVL x 40' RCP
MICHIGAN ST
2-24" OVL x 40' RCP
ROUSE RD
TORPEY RD
MILTON RD
2-24" RND x 40 TCP
CHAMBERLIN BLVD
2-40" OVL x 40' RCP
ST LUCIE LN
2-24" OVL x 40' RCP
TARMAC RD
2-24" OVL x 40' RCP
(OLD MAIN ST)
2-24" OVL x 40' RCP
CITY CAUSEWAY (CFLBG)
SR A1A
1-12" RND x 51' CIP
INDRIO TM TK
132# CWR (68)
132# CWR (80)
RAILS
TIES
UNDER CUT

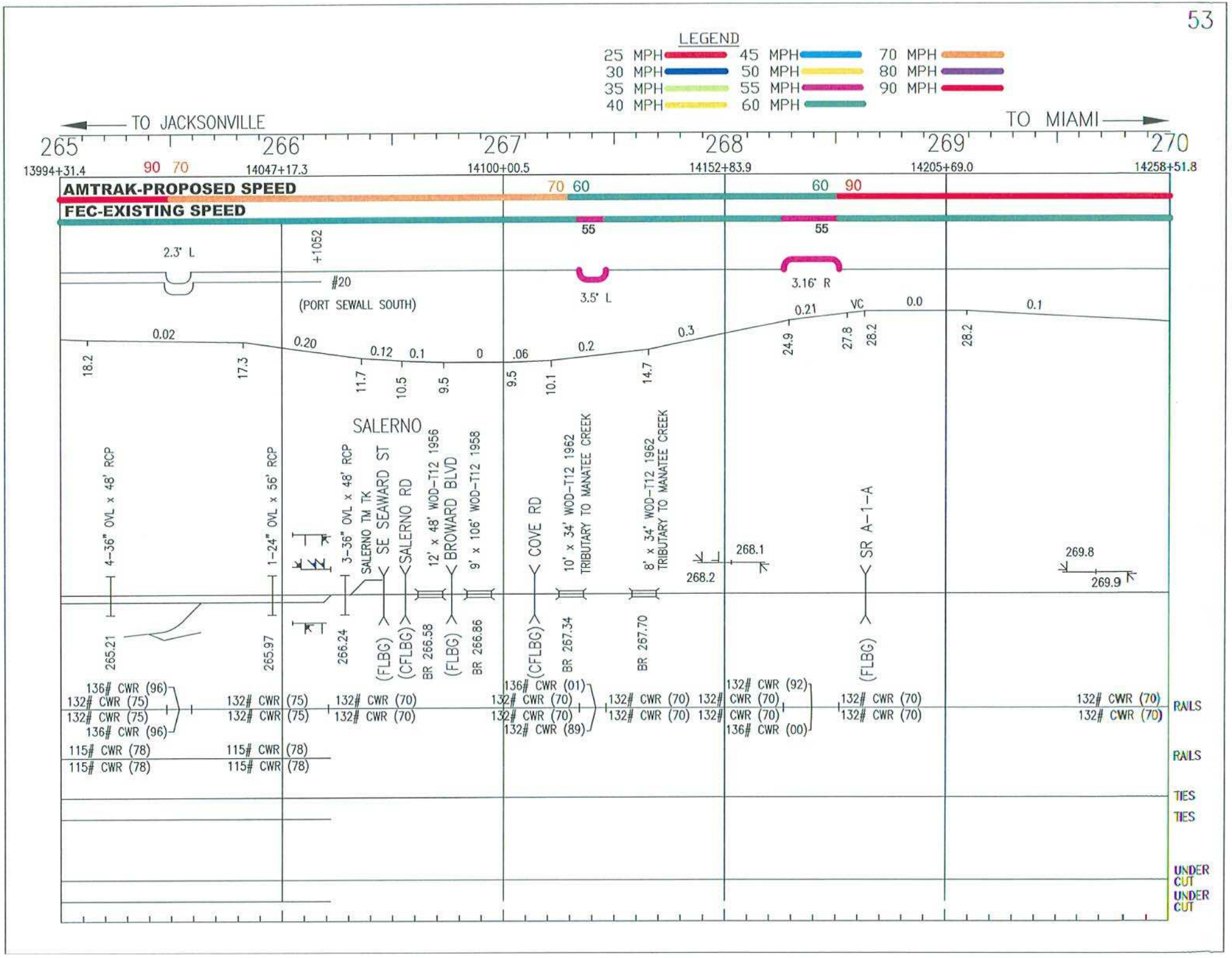

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
240
241
242
243
244
245
12673+26.5
12726+12.3
12777+80.1
12831+82.5
12884+68.3
12937+52.6
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
FT PIERCE
FT PIERCE YARD
PAGE 86
PROPOSED STATION
YARD OFFICE
PRIVATE
16 x 209.5' CBD-BMS 1961- 6 SPANS 29.83' 2 SPANS 15.25'
TO UNION CARBIDE
272231H
TO CITY DOCKS
272233W
FISHERMANS WHARF
SEAWAY DR
AVE D
AVE C UNDERPASS
72' BDCDS-SSPP-WH-2007
MOORES CREEK
AVE A (CFLBG)
ORANGE AVE (CFLBG)
SR 241
CITRUS AVE
SAVANNAH RD (CFLBG)
(WATER PLANT RD)
BR 240.1
TAYLOR CREEK
33' BDCDS-WH 2003
2 SPANS 16.5'
T-12
TO LAKE HARBOR
SEE PAGE 76
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT
CONC TIES (02)

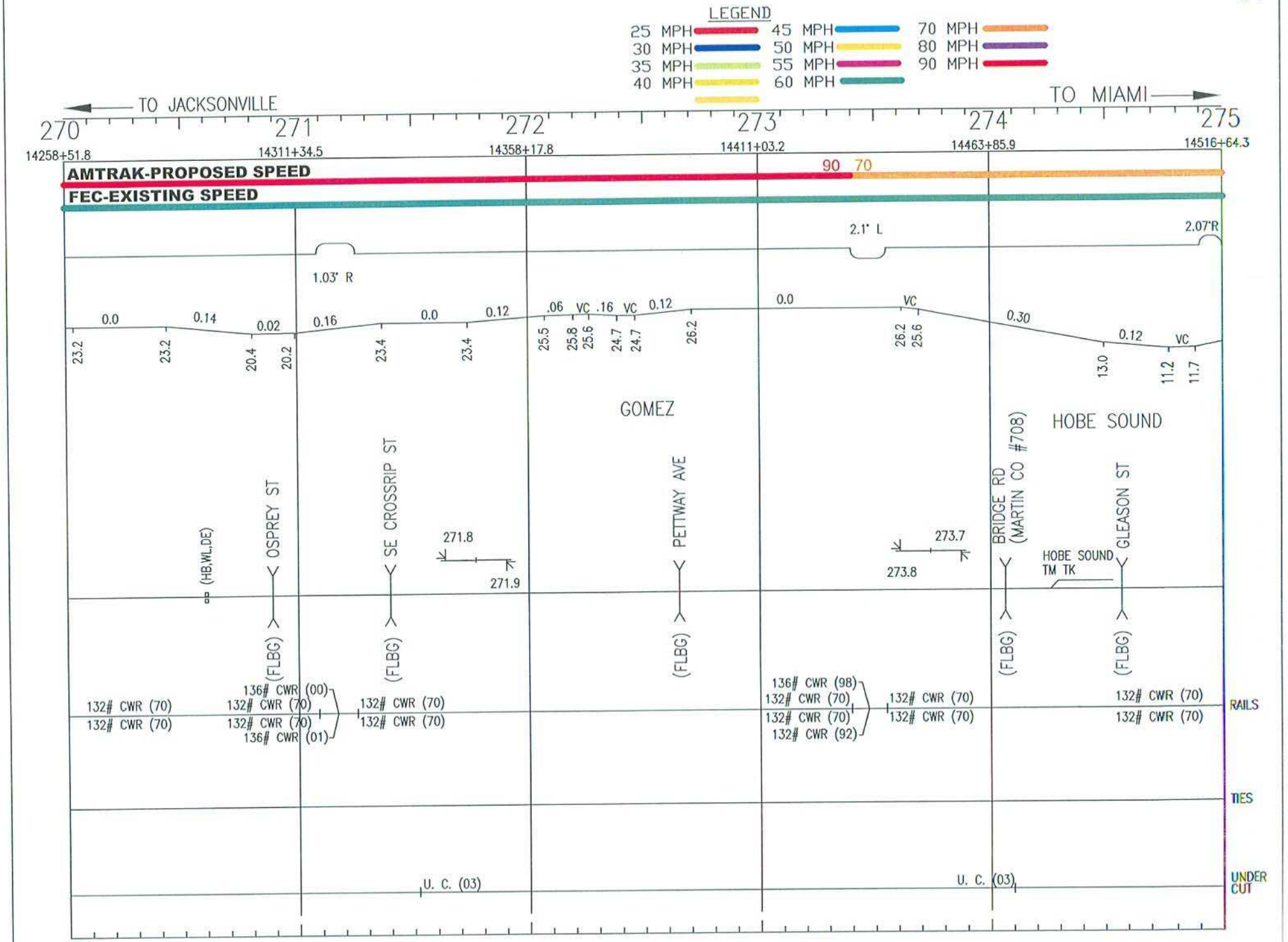

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
245
246
247
248
249
250
70 90
12937+52.6
12990+37.3
13043+18.9
13096+04.6
13149+03.2
13201+72.5
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
+1826
#20 (WHITE CITY)
2.05° R
0.5° L
1° L
WHITE CITY
ELDRED
ANKONA
MIDWAY AVE
SR 712
(FLBG)
WHITE CITY
TM TK
246.4
246.3
246.5
248.6
248.5
132# CWR (80)
132# CWR (71) 132# CWR (71)
132# CWR (71) 132# CWR (71)
132# CWR (99)
132# CWR (71)
132# CWR (71)
132# CWR (70)
132# CWR (70)
132# CWR (69)
132# CWR (70)
132# CWR (70)
132# CWR (69)
132# CWR (70)
132# CWR (70)
136# CWR (02)
132# CWR (70)
132# CWR (70)
136# CWR (02)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
112# CWR (48)
112# CWR (48)
112# CWR (48)
112# CWR (48)
U. C. (03)
U. C. (03)
U. C. (03)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

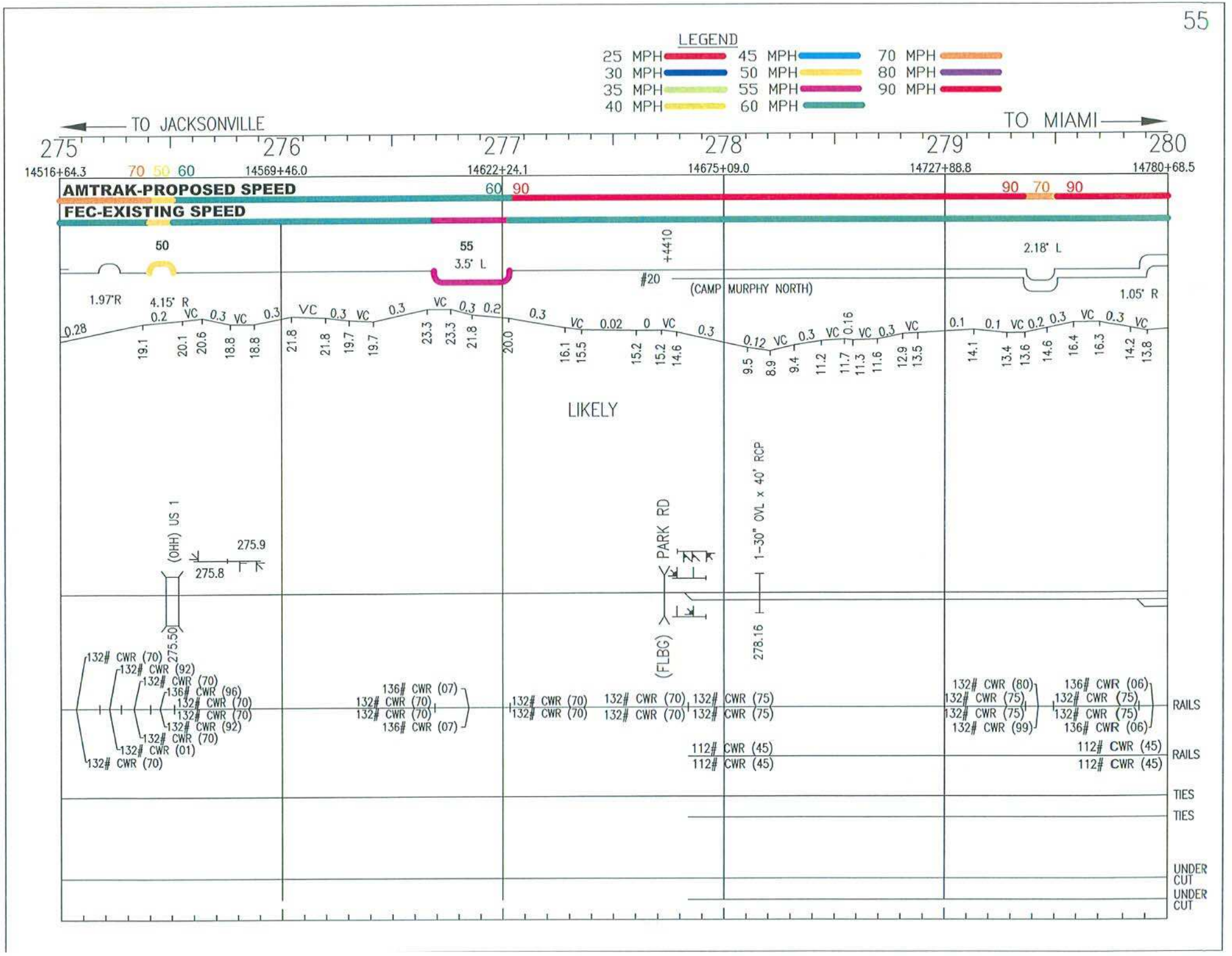

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
250
251
252
253
254
255
13201+72.5
13254+57.5
13307+45.6
13360+26.9
13413+10.7
13465+92.6
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
MEASURED MILE
WALTON
EDEN
WALTON RD
(HB,DE,WL,HW)
(FLBG)
RIVERVIEW DR
(FLBG)
250.6
250.7
252.8
252.7
254.8
254.7
RAILS
TIES
TIES
UNDER CUT
U. C. (03)
U. C. (03)

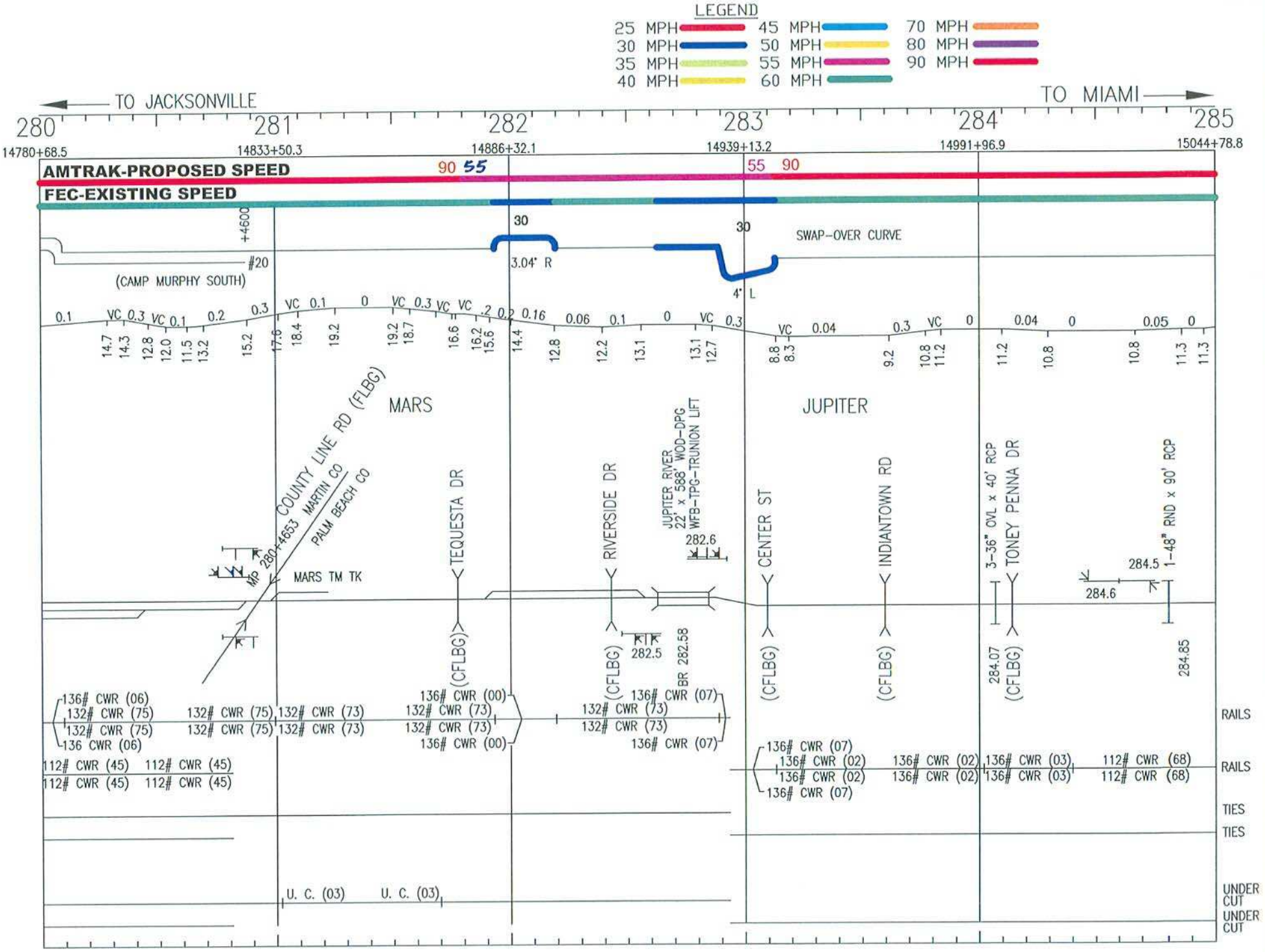

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
255
256
257
258
259
260
13465+92.6
13518+76.4
13571+61.1
13624+47.4
13677+31.2
13730+20.7
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
SWAP-OVER CURVE
(RIO NORTH)
(RIO SOUTH)
JENSEN BEACH
RIO
COUNTY LINE RD
SKYLINE DR
ST LUCIE CO
MARTIN CO
MP 255+1608
R.M. PITCHFORD
JENSEN BCH TM TRK
JENSEN BEACH BLVD
OCEAN BREEZE PARK
PALMETTO AVE
72' - BDCDS-SSPP-WH-2006
2-36" OVL x 64' RCP
SR A-1-A
1-36" RND x 50' CMP
RAIL LUBRICATOR
11' x 94' WOD-TI2 1958
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

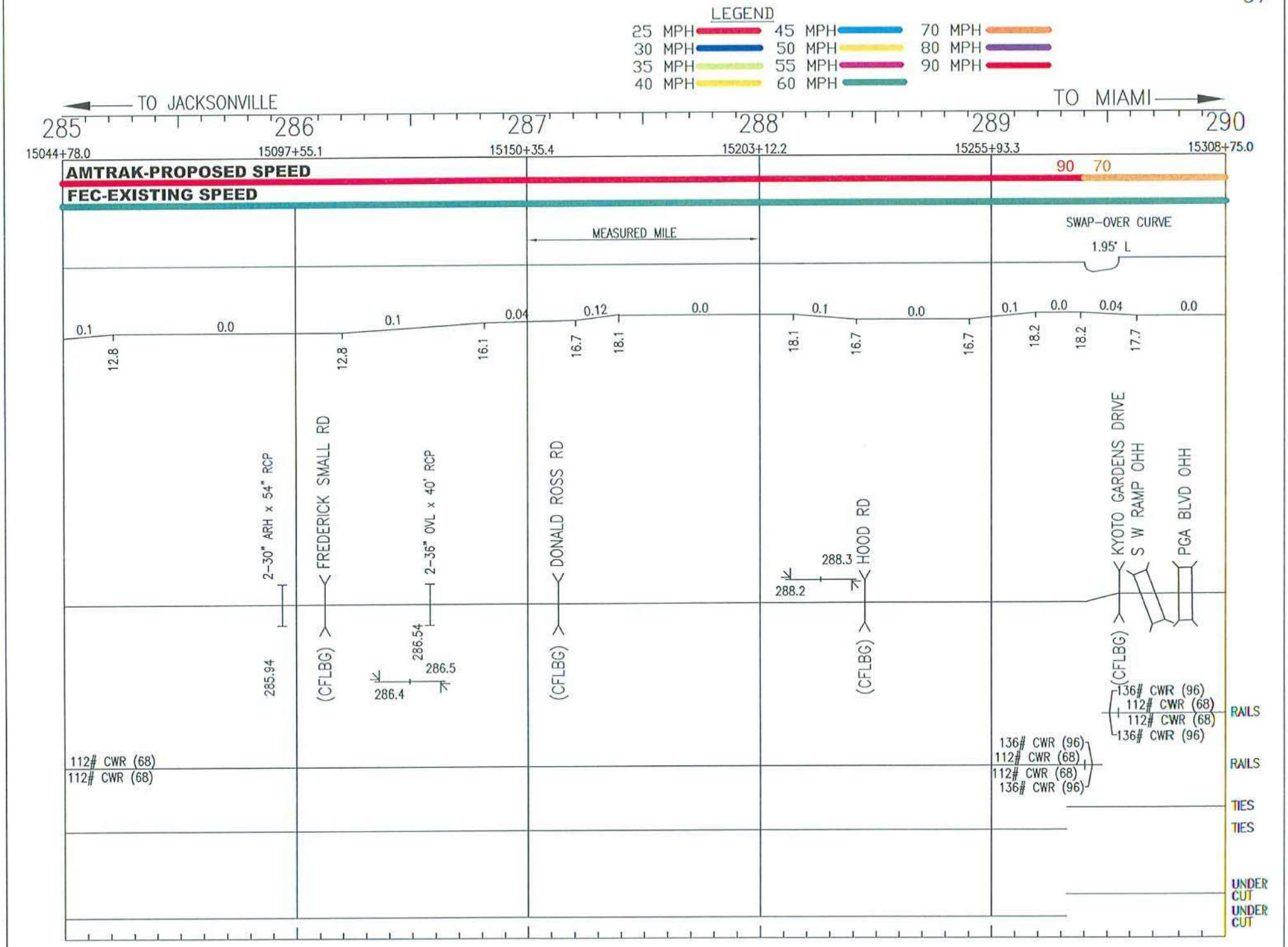

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
260
261
262
263
264
265
13730+20.7
13783+21.5
13835+84.1
13888+73.2
13941+49.6
13994+31.4
AMTRAK-PROPOSED SPEED 35
FEC-EXISTING SPEED
SWAP-OVER CURVE
30
25
2° L
8.5° L
1° R
#20 (PORT SEWALL NORTH)
PORT SEWALL
STUART
261.2
ALICE ST
1-30" OVL x 40' RCP
OHH US1
FERN ST (FLBG)
ST LUCIE RIVER
25' x 1270' WOD-BMS TPG-TRUNION LIFT
OHH US1
S 2ND ST
COLORADO ST
PINEWOOD
1-36" OVL x 72' RCP
FLORIDA ST
3-40" OVL x 64' RCP
SR A-1-A
1-68" OVL x 54' RCP
2-30" OVL x 40' RCP
MONTEREY RD
(PALM BCH AVE)
2-30" OVL 40' RCP
INDIAN AVE
4-36" OVL x 36" 48' RCP
PROPOSED STATION
260.34
260.7
BR 260.93
262.06
262.32
262.62
263.04
264.94
136# CWR (07)
132# CWR (70)
136# CWR (02)
132# CWR (00)
132# CWR (78)
136# T.O. (02)
136# 2-T.O. (01)
132# CWR (75)
115# CWR (78)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

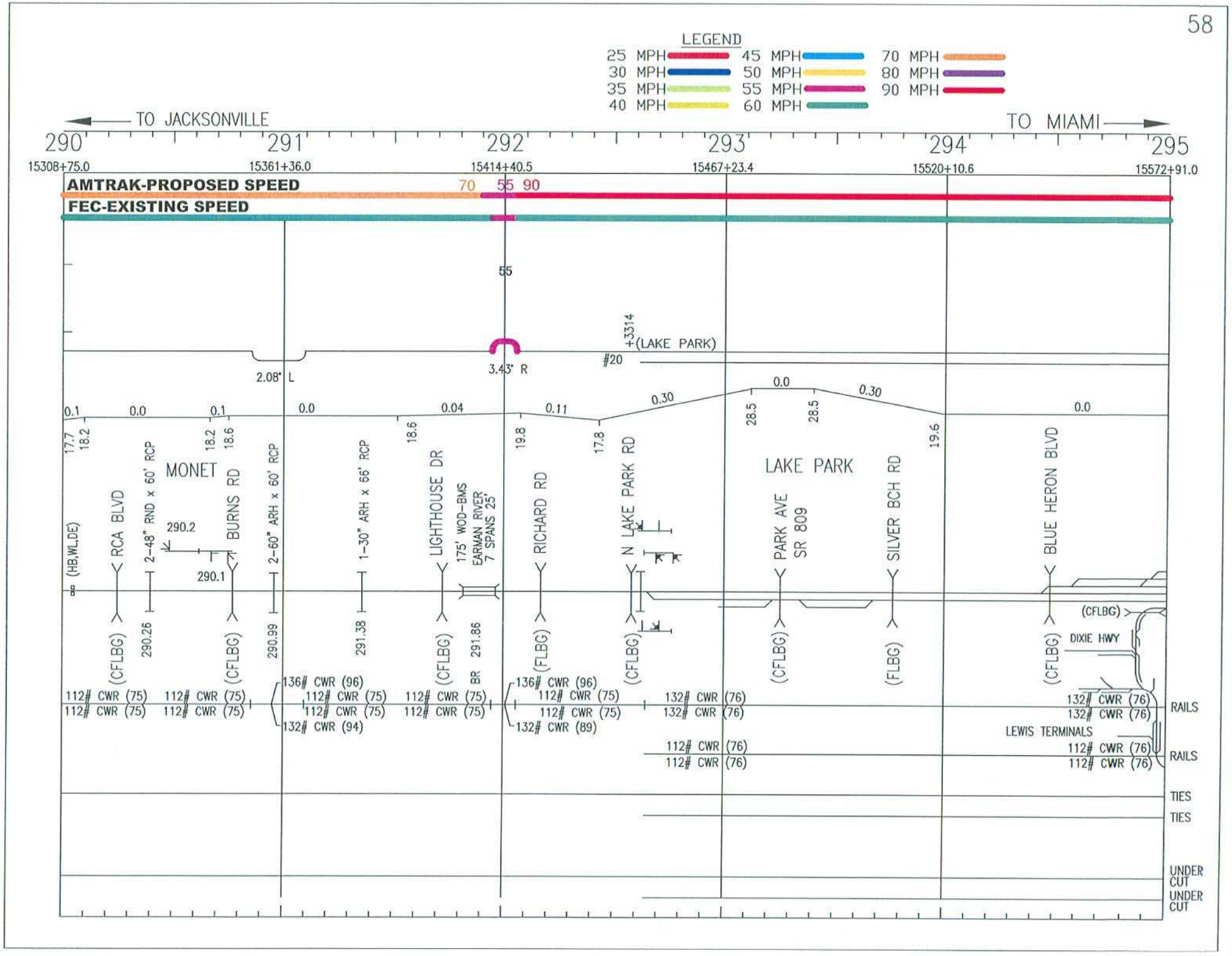

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
265
266
267
268
269
270
13994+31.4
14047+17.3
14100+00.5
14152+83.9
14205+69.0
14258+51.8
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90 70
70 60
60 90
55
55
2.3° L
+1052
#20
(PORT SEWALL SOUTH)
3.5° L
3.16° R
0.02
0.20
0.12
0.1
0
.06
0.2
0.3
0.21
VC
0.0
0.1
18.2
17.3
11.7
10.5
9.5
9.5
10.1
14.7
24.9
27.8
28.2
28.2
SALERNO
4-36" OVL x 48' RCP
1-24" OVL x 56' RCP
3-36" OVL x 48' RCP
SALERNO TM TK
SE SEAWARD ST
SALERNO RD
12' x 48' WOD-T12 1956
BROWARD BLVD
9' x 106' WOD-T12 1958
COVE RD
10' x 34' WOD-T12 1962
TRIBUTARY TO MANATEE CREEK
8' x 34' WOD-T12 1962
TRIBUTARY TO MANATEE CREEK
268.2
268.1
SR A-1-A
269.8
269.9
265.21
265.97
266.24
(FLBG)
(CFLBG)
BR 266.58
(FLBG)
BR 266.86
(CFLBG)
BR 267.34
BR 267.70
(FLBG)
136# CWR (96)
132# CWR (75)
132# CWR (75)
136# CWR (96)
115# CWR (78)
115# CWR (78)
132# CWR (75)
132# CWR (75)
115# CWR (78)
115# CWR (78)
132# CWR (70)
132# CWR (70)
136# CWR (01)
132# CWR (70)
132# CWR (70)
132# CWR (89)
132# CWR (70)
132# CWR (70)
132# CWR (92)
132# CWR (70)
132# CWR (70)
136# CWR (00)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

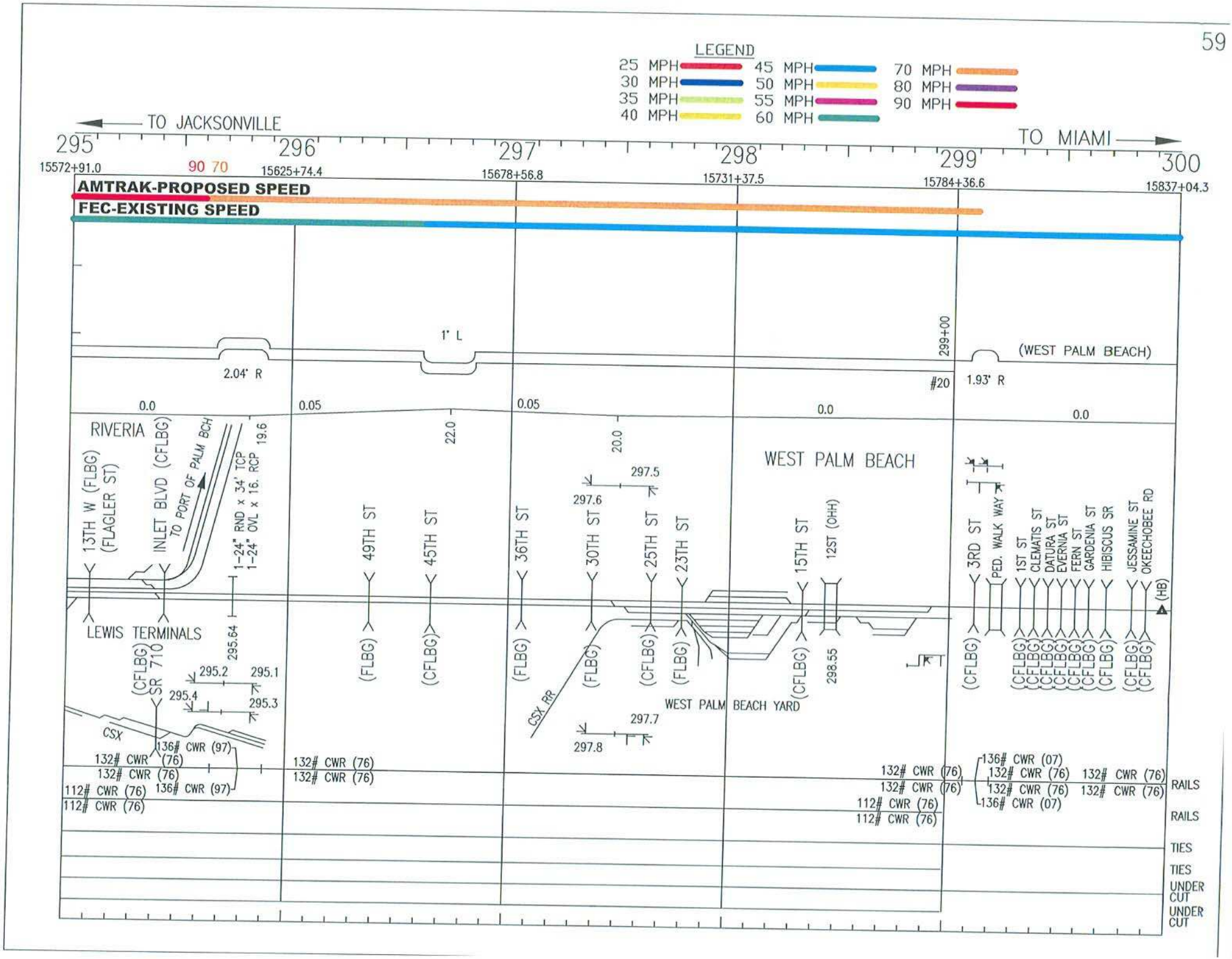

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
270
271
272
273
274
275
14258+51.8
14311+34.5
14358+17.8
14411+03.2
14463+85.9
14516+64.3
AMTRAK-PROPOSED SPEED
90
70
FEC-EXISTING SPEED
1.03° R
2.1° L
2.07°R
0.0
0.14
0.02
0.16
0.0
0.12
.06
VC
.16
VC
0.12
0.0
VC
0.30
0.12
VC
23.2
23.2
20.4
20.2
23.4
23.4
25.5
25.8
25.6
24.7
24.7
26.2
26.2
25.6
13.0
11.2
11.7
GOMEZ
HOBE SOUND
(HB,WL,DE)
OSPREY ST
SE CROSSRIP ST
PETTWAY AVE
BRIDGE RD (MARTIN CO #708)
GLEASON ST
271.8
271.9
273.7
273.8
HOBE SOUND TM TK
(FLBG)
(FLBG)
(FLBG)
(FLBG)
(FLBG)
132# CWR (70)
132# CWR (70)
136# CWR (00)
132# CWR (70)
132# CWR (70)
136# CWR (01)
132# CWR (70)
132# CWR (70)
136# CWR (98)
132# CWR (70)
132# CWR (70)
132# CWR (92)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
RAILS
TIES
U. C. (03)
U. C. (03)
UNDER CUT


LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
275
276
277
278
279
280
14516+64.3
14569+46.0
14622+24.1
14675+09.0
14727+88.8
14780+68.5
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
70 50 60
60 90
90 70 90
50
55
3.5° L
2.18° L
1.97°R
4.15° R
1.05° R
+4410
#20
(CAMP MURPHY NORTH)
LIKELY
(OHH) US 1
275.9
275.8
275.50
PARK RD
(FLBG)
1-30" OVL x 40' RCP
278.16
132# CWR (70)
132# CWR (92)
132# CWR (70)
136# CWR (96)
132# CWR (70)
132# CWR (70)
132# CWR (92)
132# CWR (70)
132# CWR (01)
132# CWR (70)
136# CWR (07)
132# CWR (70)
132# CWR (70)
136# CWR (07)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (70)
132# CWR (75)
132# CWR (75)
132# CWR (80)
132# CWR (75)
132# CWR (75)
132# CWR (99)
136# CWR (06)
132# CWR (75)
132# CWR (75)
136# CWR (06)
112# CWR (45)
112# CWR (45)
112# CWR (45)
112# CWR (45)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

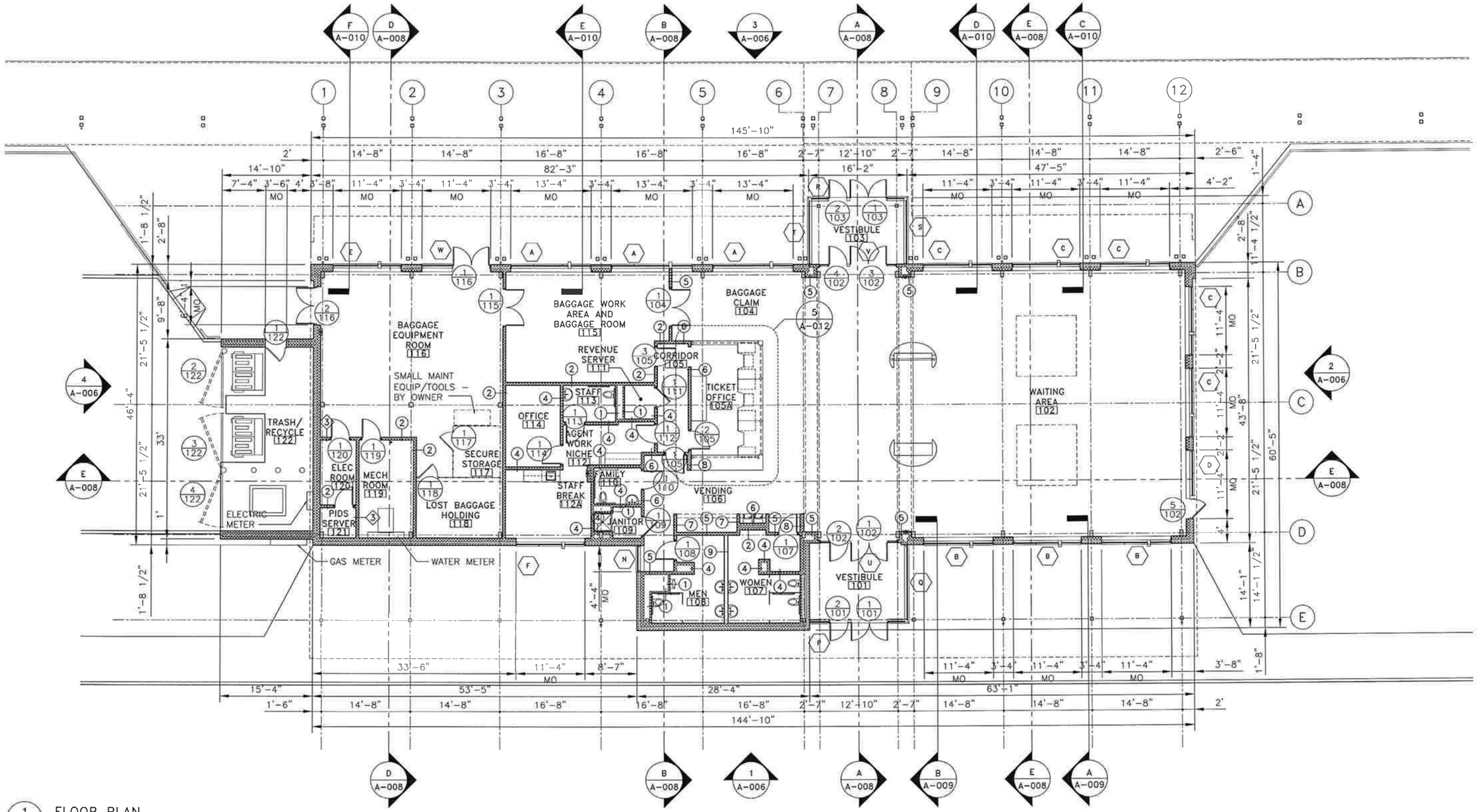

LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
280
281
282
283
284
285
14780+68.5
14833+50.3
14886+32.1
14939+13.2
14991+96.9
15044+78.8
AMTRAK-PROPOSED SPEED
90 55
55 90
FEC-EXISTING SPEED
30
30
SWAP-OVER CURVE
3.04° R
4° L
+4600
#20
(CAMP MURPHY SOUTH)
MARS
JUPITER
COUNTY LINE RD (FLBG)
MARTIN CO
PALM BEACH CO
MP 280+4653
MARS TM TK
TEQUESTA DR
RIVERSIDE DR
JUPITER RIVER
22' x 588' WOD-DPG
WFB-TPG-TRUNION LIFT
CENTER ST
INDIANTOWN RD
3-36" OVL x 40' RCP
TONEY PENNA DR
1-48" RND x 90' RCP
282.6
282.5
BR 282.58
284.5
284.6
284.07
284.85
(CFLBG)
136# CWR (06)
132# CWR (75)
132# CWR (75)
136 CWR (06)
132# CWR (75)
132# CWR (75)
132# CWR (73)
132# CWR (73)
136# CWR (00)
132# CWR (73)
132# CWR (73)
136# CWR (00)
132# CWR (73)
132# CWR (73)
136# CWR (07)
136# CWR (07)
136# CWR (02)
136# CWR (02)
136# CWR (07)
136# CWR (02)
136# CWR (02)
136# CWR (03)
136# CWR (03)
112# CWR (68)
112# CWR (68)
112# CWR (45)
112# CWR (45)
112# CWR (45)
112# CWR (45)
U. C. (03)
U. C. (03)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT


LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
285
286
287
288
289
290
15044+78.0
15097+55.1
15150+35.4
15203+12.2
15255+93.3
15308+75.0
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
90
70
MEASURED MILE
SWAP-OVER CURVE
1.95° L
0.1
0.0
0.1
0.04
0.12
0.0
0.1
0.0
0.1
0.0
0.04
0.0
12.8
12.8
16.1
16.7
18.1
18.1
16.7
16.7
18.2
18.2
17.7
2-30" ARH x 54" RCP
FREDERICK SMALL RD
2-36" OVL x 40' RCP
DONALD ROSS RD
HOOD RD
KYOTO GARDENS DRIVE
S W RAMP OHH
PGA BLVD OHH
288.3
288.2
285.94
(CFLBG)
286.54
286.5
286.4
(CFLBG)
(CFLBG)
(CFLBG)
136# CWR (96)
112# CWR (68)
112# CWR (68)
136# CWR (96)
RAILS
136# CWR (96)
112# CWR (68)
112# CWR (68)
136# CWR (96)
RAILS
112# CWR (68)
112# CWR (68)
TIES
TIES
UNDER CUT
UNDER CUT


LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
290
291
292
293
294
295
15308+75.0
15361+36.0
15414+40.5
15467+23.4
15520+10.6
15572+91.0
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
70
55
90
55
+3314
(LAKE PARK)
#20
2.08' L
3.43' R
0.1
0.0
0.1
0.0
0.04
0.11
0.30
0.0
0.30
0.0
17.7
18.2
18.2
18.6
18.6
19.8
17.8
28.5
28.5
19.6
(HB,WL,DE)
RCA BLVD
2-48" RND x 60' RCP
MONET
BURNS RD
2-60" ARH x 60' RCP
1-30" ARH x 66' RCP
LIGHTHOUSE DR
175' WOD-BMS
EARMAN RIVER
7 SPANS 25'
RICHARD RD
N LAKE PARK RD
LAKE PARK
PARK AVE
SR 809
SILVER BCH RD
BLUE HERON BLVD
290.2
290.1
(CFLBG)
290.26
(CFLBG)
290.99
291.38
(CFLBG)
291.86
BR
(FLBG)
(CFLBG)
(CFLBG)
(FLBG)
(CFLBG)
(CFLBG)
DIXIE HWY
112# CWR (75)
112# CWR (75)
112# CWR (75)
112# CWR (75)
136# CWR (96)
112# CWR (75)
112# CWR (75)
132# CWR (94)
112# CWR (75)
112# CWR (75)
136# CWR (96)
112# CWR (75)
112# CWR (75)
132# CWR (89)
132# CWR (76)
132# CWR (76)
112# CWR (76)
112# CWR (76)
132# CWR (76)
132# CWR (76)
LEWIS TERMINALS
112# CWR (76)
112# CWR (76)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT


LEGEND
25 MPH
30 MPH
35 MPH
40 MPH
45 MPH
50 MPH
55 MPH
60 MPH
70 MPH
80 MPH
90 MPH
TO JACKSONVILLE
TO MIAMI
295
296
297
298
299
300
15572+91.0
15625+74.4
15678+56.8
15731+37.5
15784+36.6
15837+04.3
90 70
AMTRAK-PROPOSED SPEED
FEC-EXISTING SPEED
2.04' R
1' L
299+00
(WEST PALM BEACH)
#20
1.93' R
0.0
0.05
0.05
0.0
0.0
RIVERIA
13TH W (FLBG)
(FLAGLER ST)
INLET BLVD (CFLBG)
TO PORT OF PALM BCH
1-24" RND x 34' TCP
1-24" OVL x 16. RCP
19.6
22.0
20.0
297.5
297.6
WEST PALM BEACH
49TH ST
45TH ST
36TH ST
30TH ST
25TH ST
23TH ST
15TH ST
12ST (OHH)
3RD ST
PED. WALK WAY
1ST ST
CLEMATIS ST
DATURA ST
EVERNIA ST
FERN ST
GARDENIA ST
HIBISCUS SR
JESSAMINE ST
OKEECHOBEE RD
(HB)
LEWIS TERMINALS
(CFLBG)
SR 710
295.64
295.2
295.1
295.4
295.3
CSX
CSX RR
(FLBG)
(CFLBG)
(FLBG)
(FLBG)
(CFLBG)
(FLBG)
(CFLBG)
298.55
WEST PALM BEACH YARD
297.7
297.8
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
(CFLBG)
136# CWR (97)
132# CWR (76)
132# CWR (76)
136# CWR (97)
112# CWR (76)
112# CWR (76)
132# CWR (76)
132# CWR (76)
132# CWR (76)
132# CWR (76)
112# CWR (76)
112# CWR (76)
136# CWR (07)
132# CWR (76)
132# CWR (76)
136# CWR (07)
132# CWR (76)
132# CWR (76)
RAILS
RAILS
TIES
TIES
UNDER CUT
UNDER CUT

Typical Station Layouts
(Small and Medium Stations)



1 A-002 FLOOR PLAN
SCALE: 1/8" = 1'-0"

8 0 8 16 24

No.	Revisions	Date	By
1	ISSUED FOR 30% SUBMISSION	12/14/09	
2	ISSUED FOR 60% SUBMISSION	04/20/10	

FILE NAME: W:\21180.01-09 Amtrak Middle\01 CAD\02 DD-CD\Sheets\A-101 Floor Plan.dwg
PLOT SCALE: FULL
STANDARD PEN TABLE: YES

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Office of Chief Engineer
STRUCTURES
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

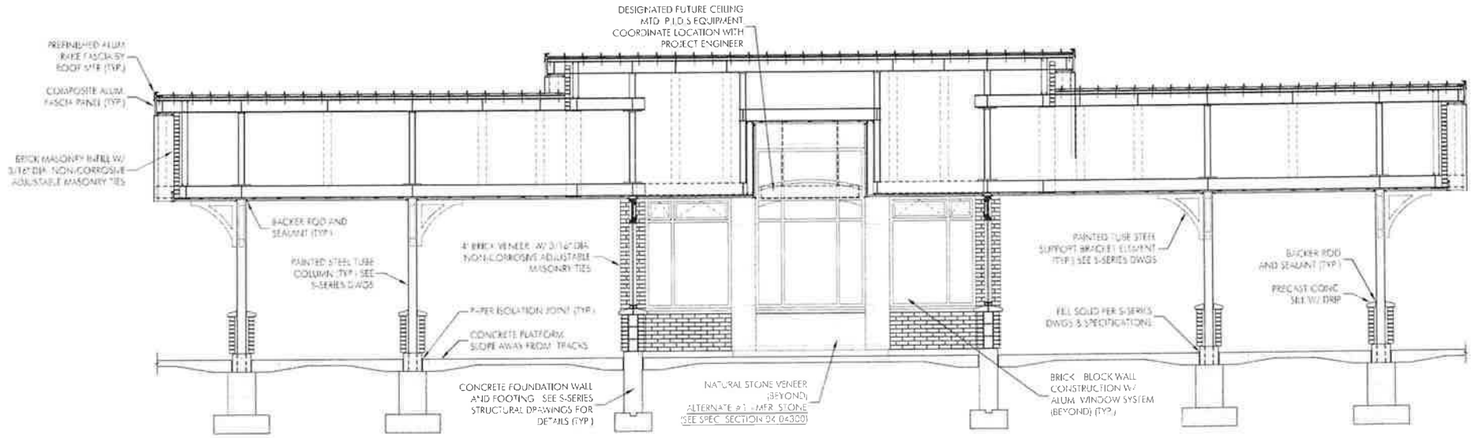
Approved	Date

Bernardon Haber Holloway
ARCHITECTS PC
425 McFarlan Road, Suite 200 Kennett Square, PA 19348 610.444.2900

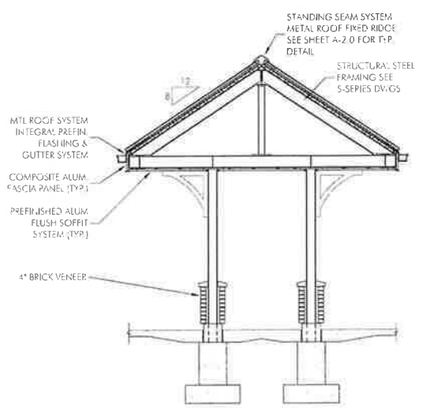
PHILADELPHIA PENNSYLVANIA
MEDIUM STATION PROTOTYPE
PHILADELPHIA METRO AREA
FLOOR PLAN

Designed	Drawn PAS	Checked PAS	Date 04/20/10

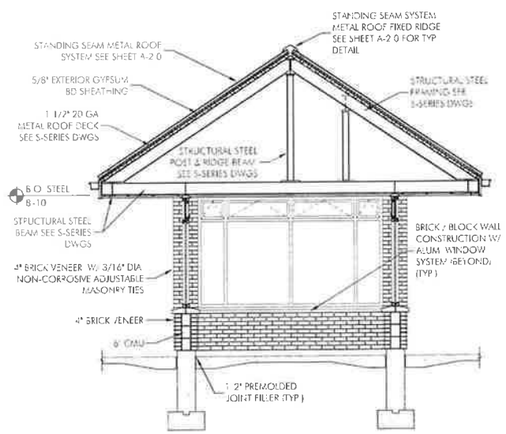
Function No: 3501
Work Elem. No: 2688
Sheet No. 2 OF 16
Drg. No. A-002



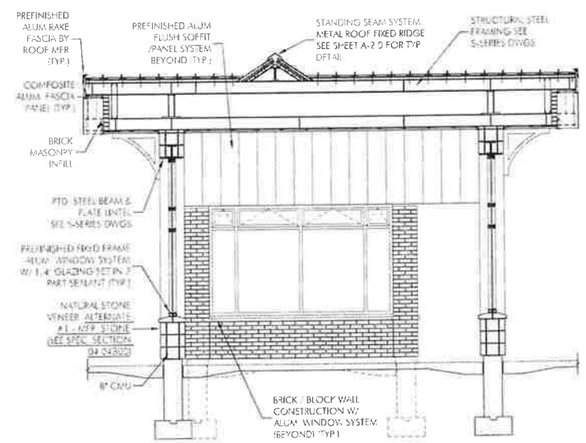
A-A BUILDING SECTION
SCALE 1/4" = 1'-0"



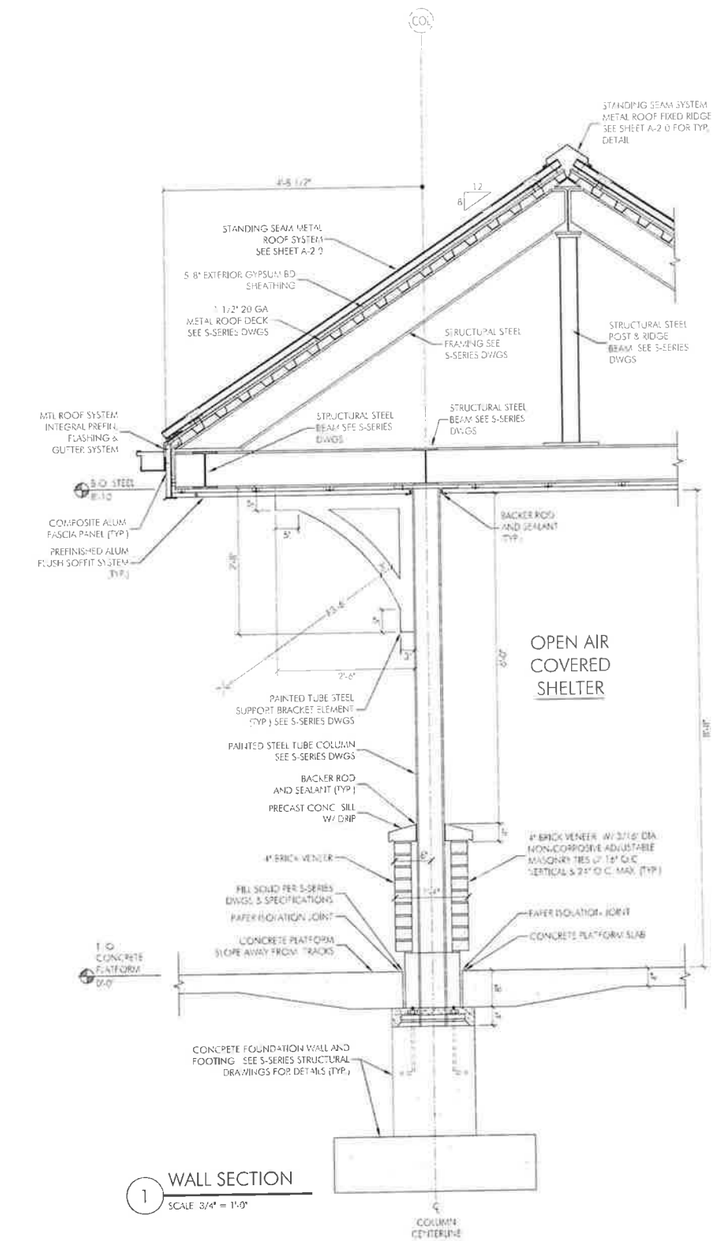
B-B BUILDING SECTION
SCALE 1/4" = 1'-0"



C-C BUILDING SECTION
SCALE 1/4" = 1'-0"



D-D BUILDING SECTION
SCALE 1/4" = 1'-0"



1 WALL SECTION
SCALE 3/4" = 1'-0"

No.	Revisions	Date	By
	60% "PROGESS" SUBMISSION	06-30-08	
	90% "PROGESS" SUBMISSION	08-15-08	
	100% "FINAL" SUBMISSION	11-07-08	
	100% "FINAL" RESUBMISSION	02-20-09	

FILE NAME: 9
PLOT SCALE: XXX
STANDARD PEN TABLE: 15

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Office of Chief Engineer
STRUCTURES
National Railroad Passenger Corporation
30th Street Station, Philadelphia, Pennsylvania 19104

Approved:	Date
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DIRECTOR FACILITIES	

dna design & Architecture LLC
201 South State Street
Newtown, PA 18940
Tel 215.497.8300
Fax 215.497.8352

Architecture
Interiors
Adaptive Reuse
Design Build
Project Management
Inspections

Project Number 05001

SMALL SHELTER / UNSTAFFED STATION

BUILDING AND WALL SECTIONS

Designed	rn	Drawn	jm	Checked	rn	Date	06/20/2008

Function No: ------
Work Elem. No: ------
Sheet No. 9 OF 20
Dwg. No A-3.1