Florida Metroplex

SID/STAR/SIAP Changes for August 12, 2021

Presentation on Florida Metroplex Status for ANI/WG PBN Task Force TELCON, August 11, 2021
By: Florida Metroplex Co-Leads

Federal Aviation Administration

National Air Traffic Controllers Association

Agenda

- Metroplex Overview

- Metroplex Benefits

- Project Status

- August 12, 2021 Implementation

  - Individual Procedures

  - Florida Procedure Deletions

- How You Can Assist

Metroplex Overview

- The South Florida Metroplex Project developed procedures based on a region, rather than focusing on a single airport or set of procedures.

- The optimization plan takes into account all airports and airspace that support the South Florida area as well as how air traffic in those areas interact

- It considers a myriad of factors including safety, efficiency, access and environmental impact
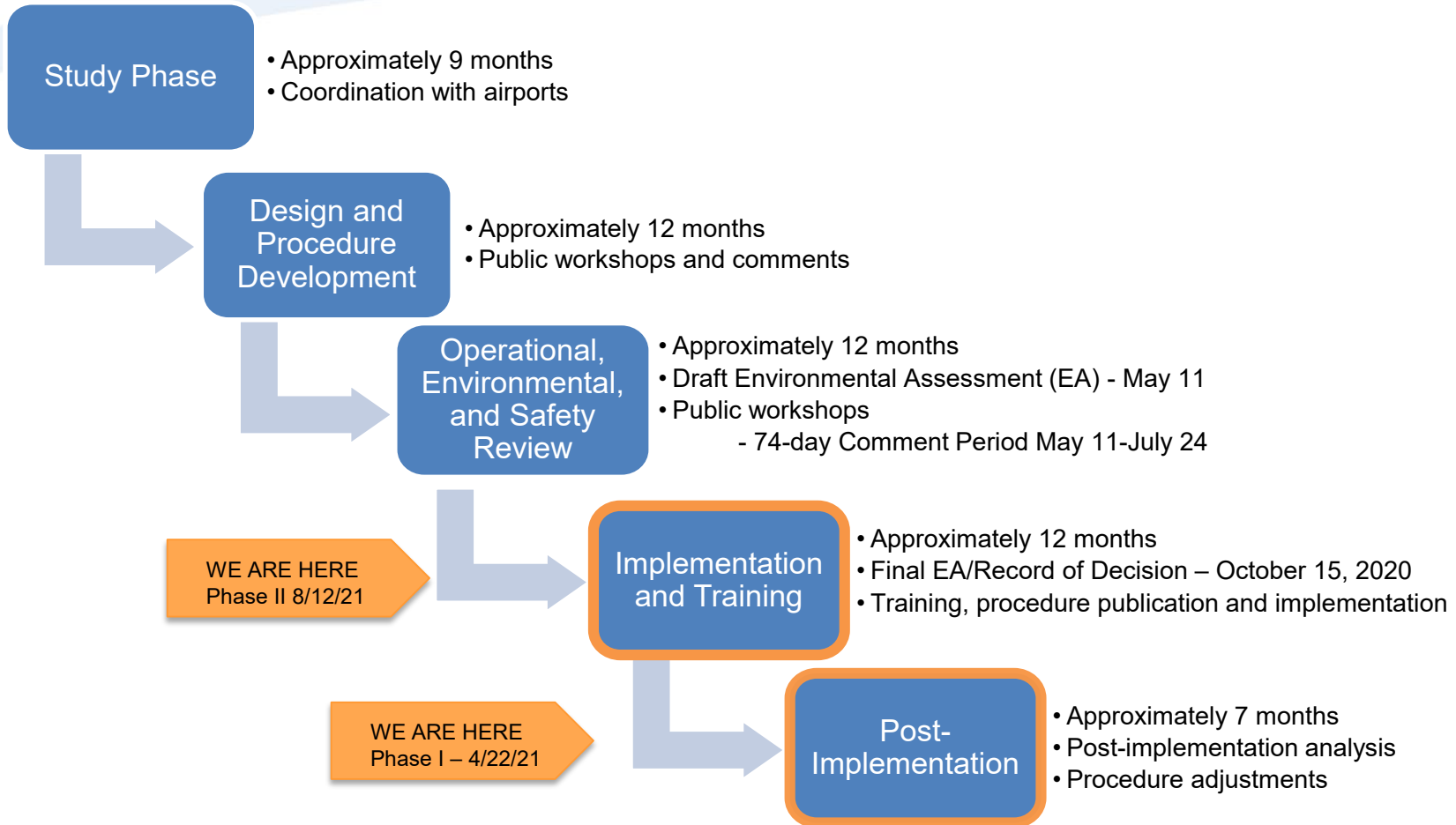
Metroplex Benefits

- New RNAV procedures designed to lessen interactions between flights serving different airports

  - Altitude restrictions designed to reduce conflicts between separate procedures

  - Allows more unrestricted climbs and Optimized Profile Descents (OPDs)

  - Provides more repeatable and predictable paths

  - Reduced vectoring

Status Update

Study Phase
- Approximately 9 months
- Coordination with airports

Design and Procedure Development
- Approximately 12 months
- Public workshops and comments

Operational, Environmental, and Safety Review
- Approximately 12 months
- Draft Environmental Assessment (EA) - May 11
- Public workshops
    - 74-day Comment Period May 11-July 24

WE ARE HERE
Phase II 8/12/21

Implementation and Training
- Approximately 12 months
- Final EA/Record of Decision – October 15, 2020
- Training, procedure publication and implementation

WE ARE HERE
Phase I – 4/22/21

Post-Implementation
- Approximately 7 months
- Post-implementation analysis
- Procedure adjustments

August 12, 2021 Implementation

- 93 Procedures:
  - 76 procedures will be published and implemented
  - 17 procedures published on April 22, 2021 and NOTAMd NA will be implemented
  - STARs, SIDs, SIAPs, along with associated airspace changes
  - TMIs planned for seven days
    - Continuous review to allow gradual lifting
    - WX scenarios taken into consideration

Caribbean/Gulf STARs Implementing August 12, 2021

NEW STAR	AIRPORTS SERVED
PRICY ONE RNAV STAR	MCO ORL SFB MLB LEE ISM
RIDES ONE RNAV STAR	MCO ORL SFB LEE ISM
BLFRG ONE RNAV STAR	TPA PIE MCF VDF
BHHIA ONE RNAV STAR	FLL FXE OPF PMP
KYAKS ONE RNAV STAR (turboprops)	FLL FXE HWO OPF PMP
OLAHS ONE RNAV STAR	FLL FXE OPF PMP
SNDBR ONE RNAV STAR	MIA 07FA HST TMB X51
VIICE ONE RNAV STAR	MIA 07FA HST TMB X51

Caribbean/Gulf SIDs Implementing August 12, 2021

NEW SID	AIRPORTS SERVED
DDANY ONE RNAV SID	MCO
FSHUN ONE RNAV SID	MCO
DORMR ONE RNAV SID	TPA
KNOST ONE RNAV SID	TPA
MIXAE THREE RNAV SID	PBI

Caribbean/Gulf SIDs Implementing August 12, 2021

New SID	Airports Served
REGAE ONE RNAV SID	FLL
SNAPR ONE RNAV SID	FLL
GLADZ ONE RNAV SID	MIA FLL OPF
GWAVA ONE RNAV SID	MIA
HUSIL ONE RNAV SID	MIA OPF
KLADA ONE RNAV SID	MIA
MHITO ONE RNAV SID	MIA FLL FXE HST OPF PMP TMB X51
NNOCE ONE RNAV SID	MIA (used 2300-0600 Local only)

Florida Procedure Deletions

- Deletions Planned for two dates
    - October 7, 2021 - 46 Procedures
    - December 2, 2021 - 2 Procedures

What You can Do

- Share this briefing with others

  - Share inside your organization, with subsidiaries and Express carriers

- Provide feedback and instructions

  - Help identify issues/mitigations

- Utilize the Virtual Go-Team and Open Conference bridge

  - See next slide for details

Go-Team / Open Conference Bridge

- Virtual Go-Team / Open conference bridge info
  - Thursday 8/12, check-ins at 0600, 1000, 1600 EDT
  - Remaining check-ins daily at 1000,1600 EDT
    - GO Team and daily check-ins will be in effect through at least Sunday 8/15 and continue as long as necessary beyond
  - Open conference bridge staffed by ATC subject matter experts who are available to address any ATC issues, routing inquiries or other concerns
  - Open conference bridge (0600-2200 EDT)
    - 888-924-3230 (direct 609-916-1975): passcode 817568

Christian Karns
christian.karns@natca.net

Vicki Turner
vicki.turner@faa.gov

Detailed Slides Follow

SIDs

DDANY RNAV SID (Serves MCO)

DORMR RNAV SID (Serves TPA)
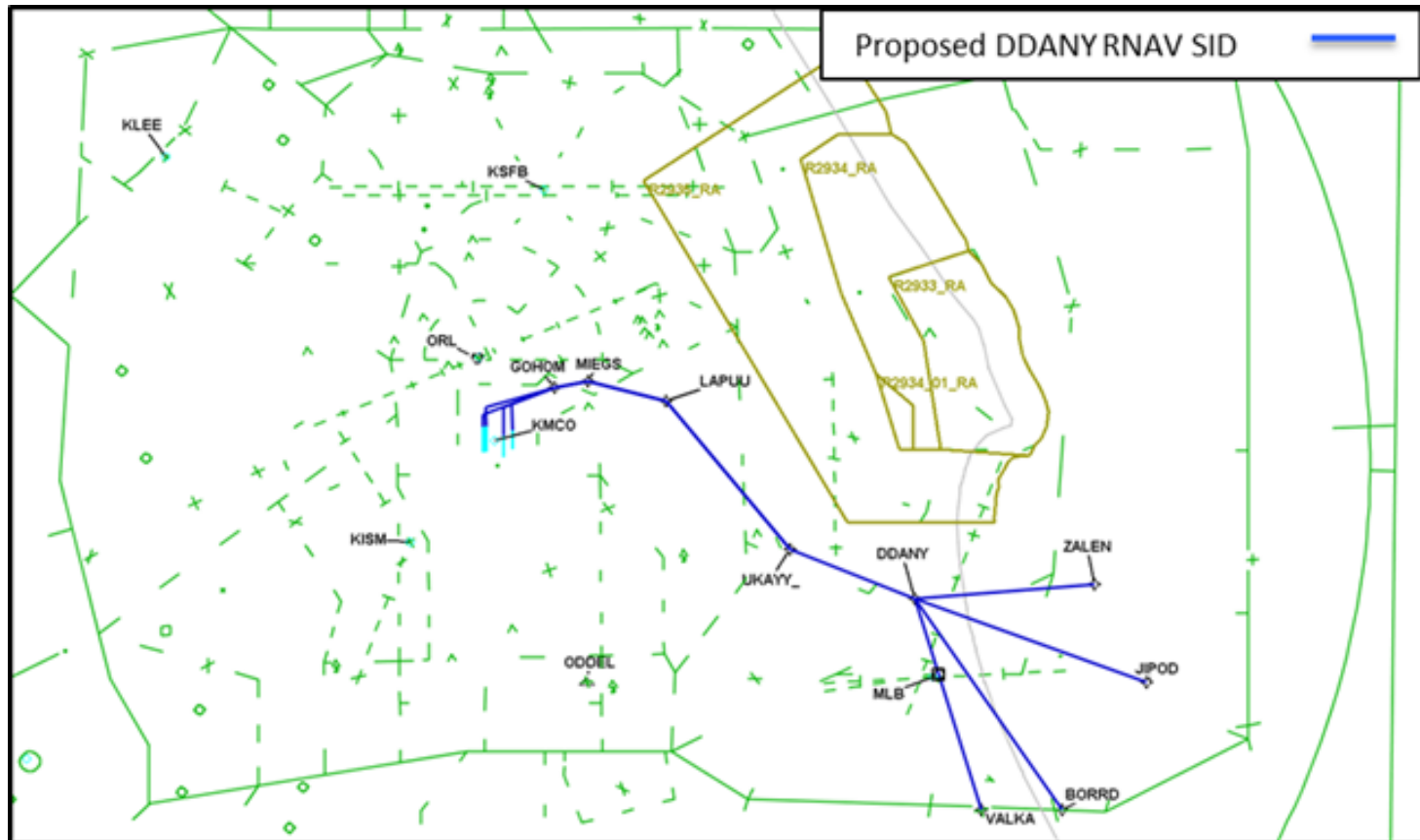
FSHUN RNAV SID (Serves MCO)
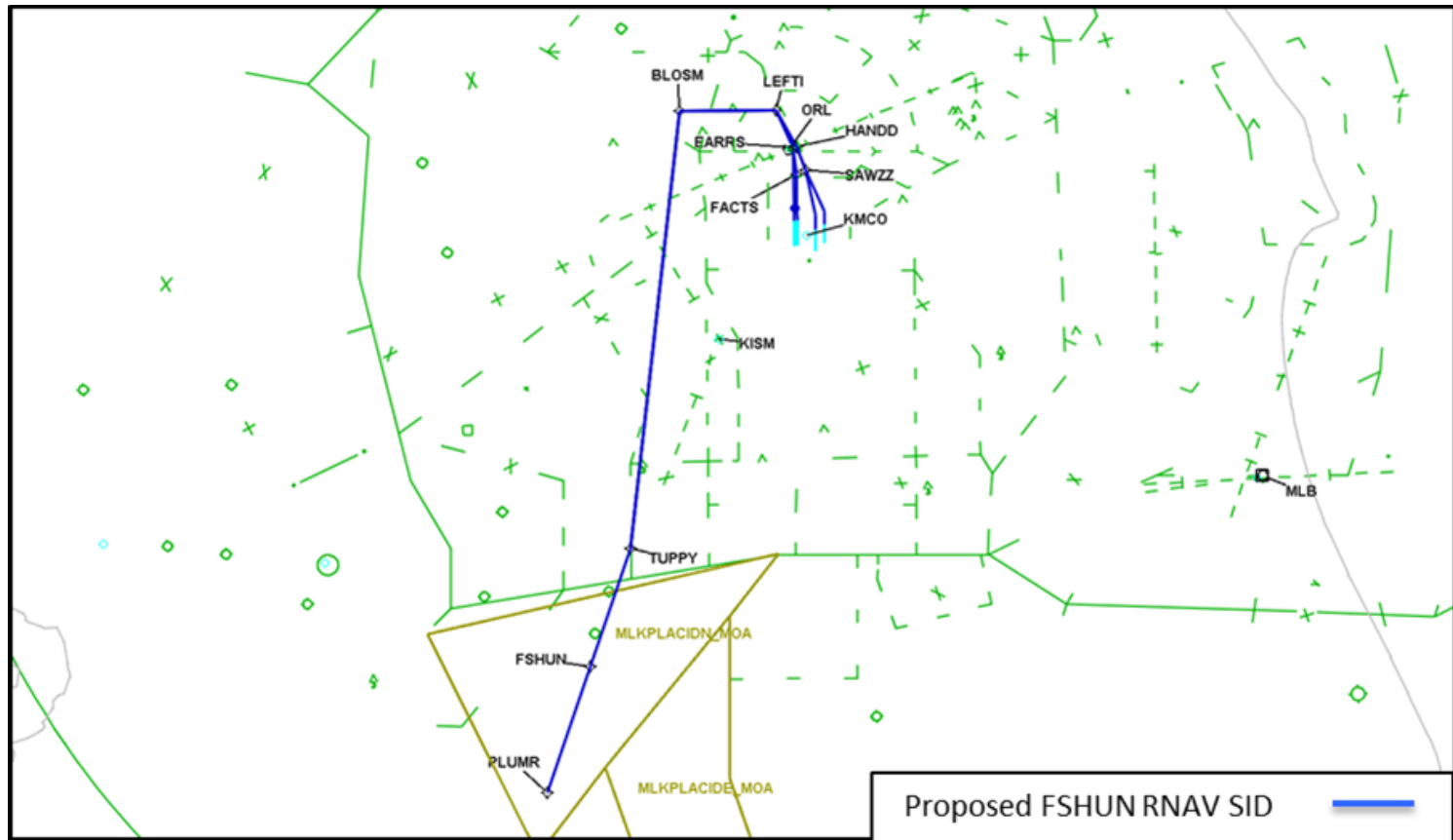
GLADZ RNAV SID/MIA East Operations Only (Serves MIA, FLL, OPF) Terminal View

Proposed GLADZ RNAV SID
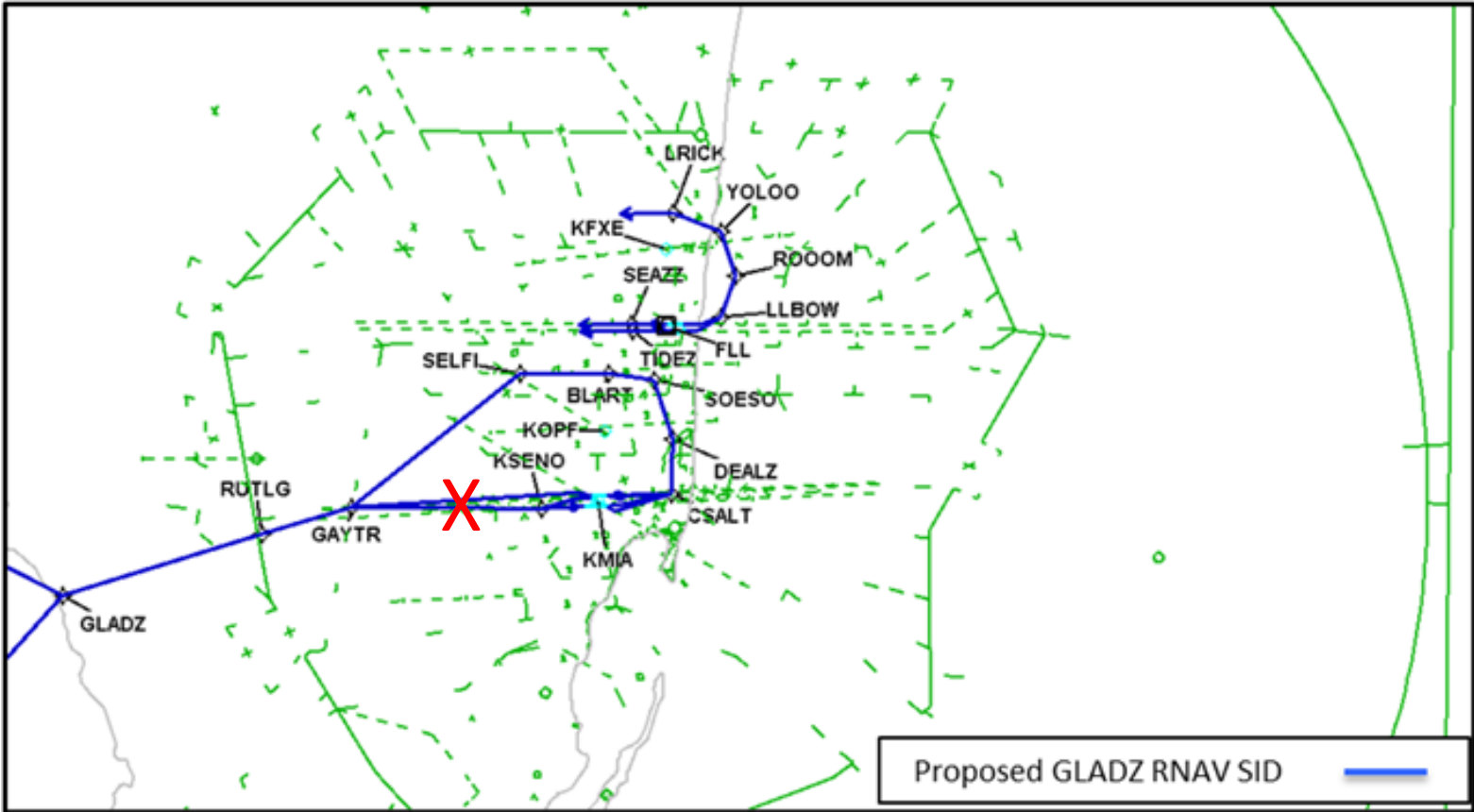
GLADZ RNAV SID/MIA East Operations Only
Enroute View
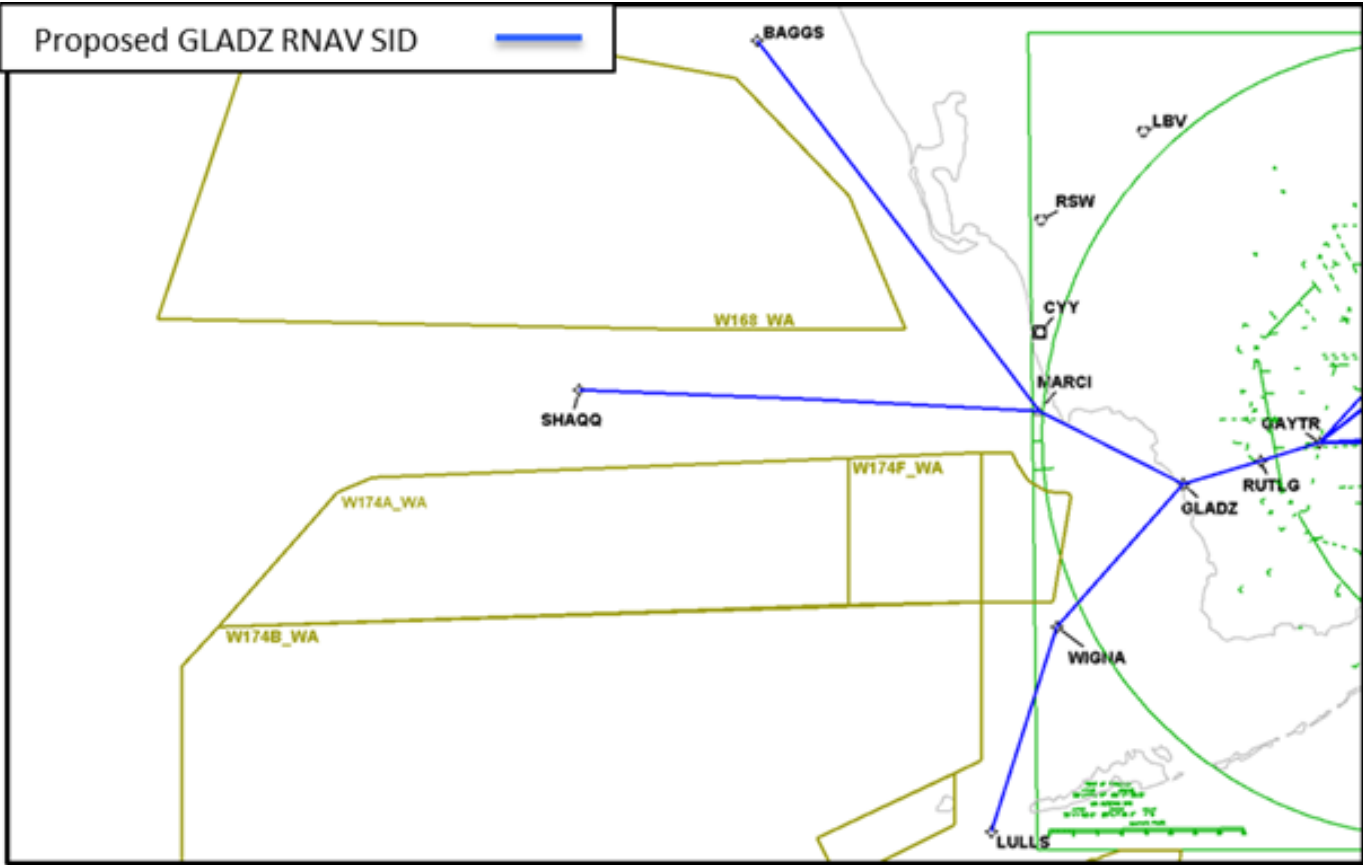
GWAVA RNAV SID (Serves MIA)
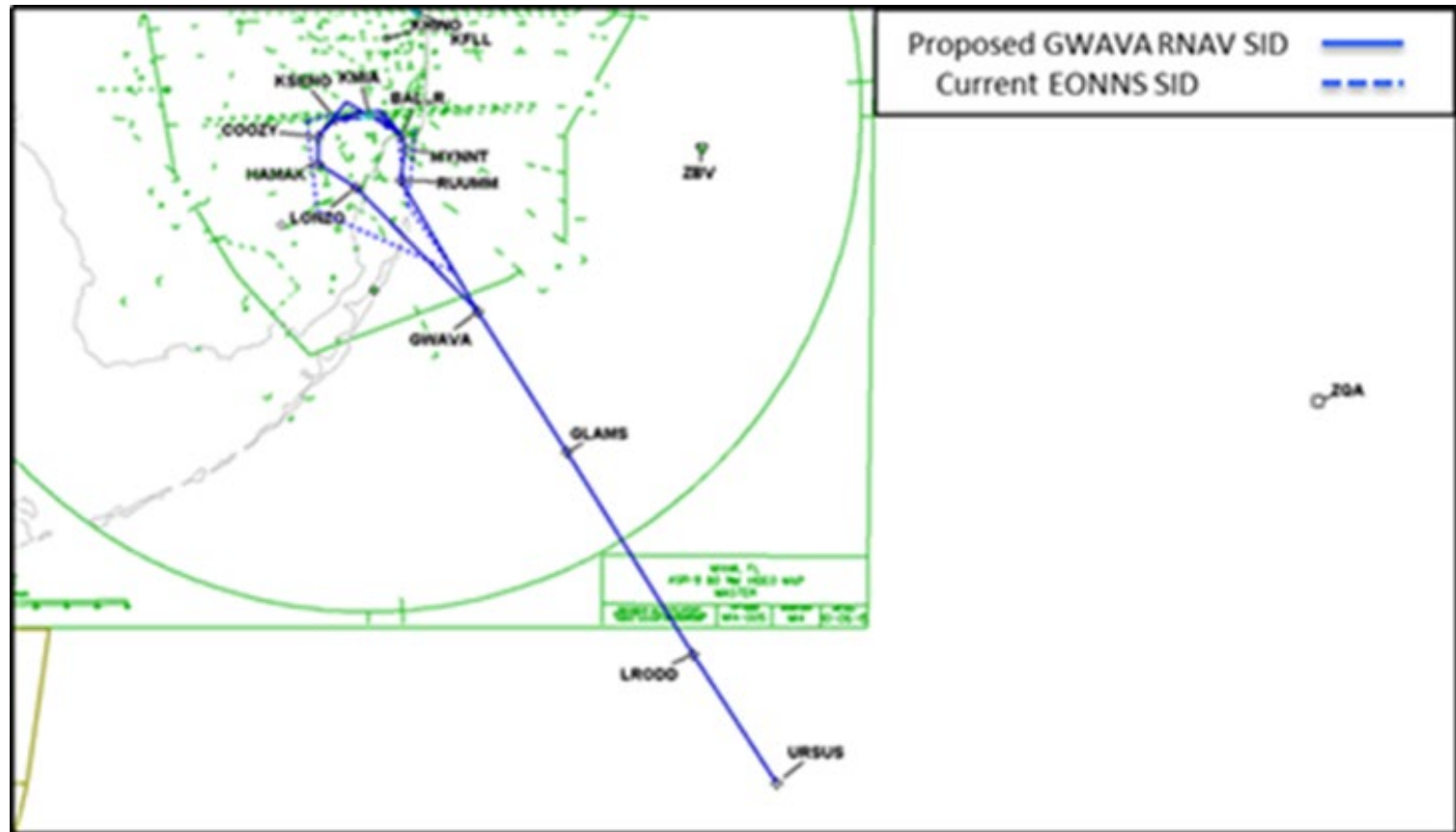
HUSIL RNAV SID (Serves MIA, OPF)

Proposed HUSIL RNAV SID
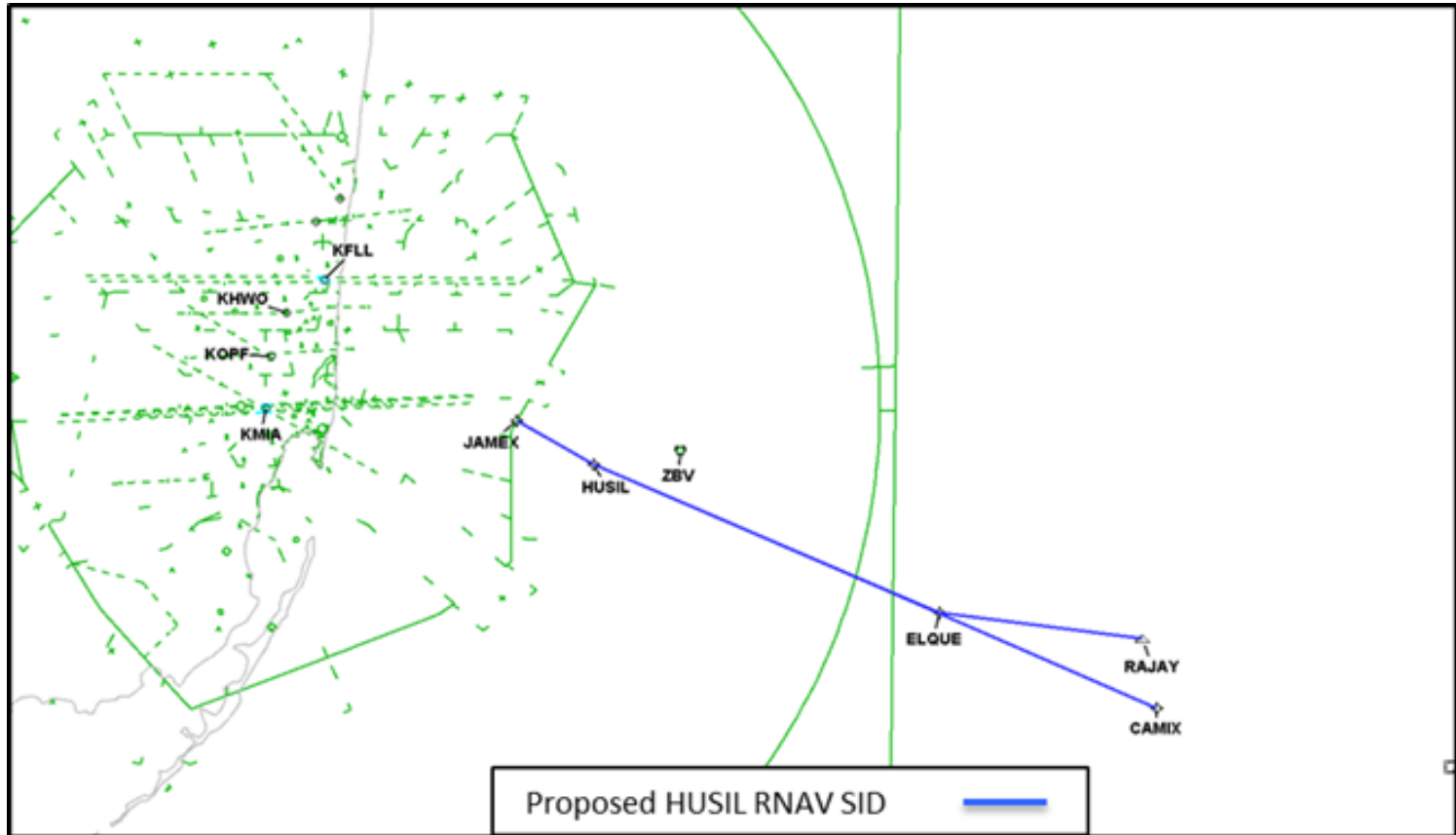
KLADA RNAV SID (Serves MIA) Terminal View

Legend:
- Proposed KLADA RNAV SID
- Current SKIPS SID

Waypoints: KSENO, KMIA, UAMBA, COOZY, KBOLA, HAMAK, LORZO, CWEAD, KLADA
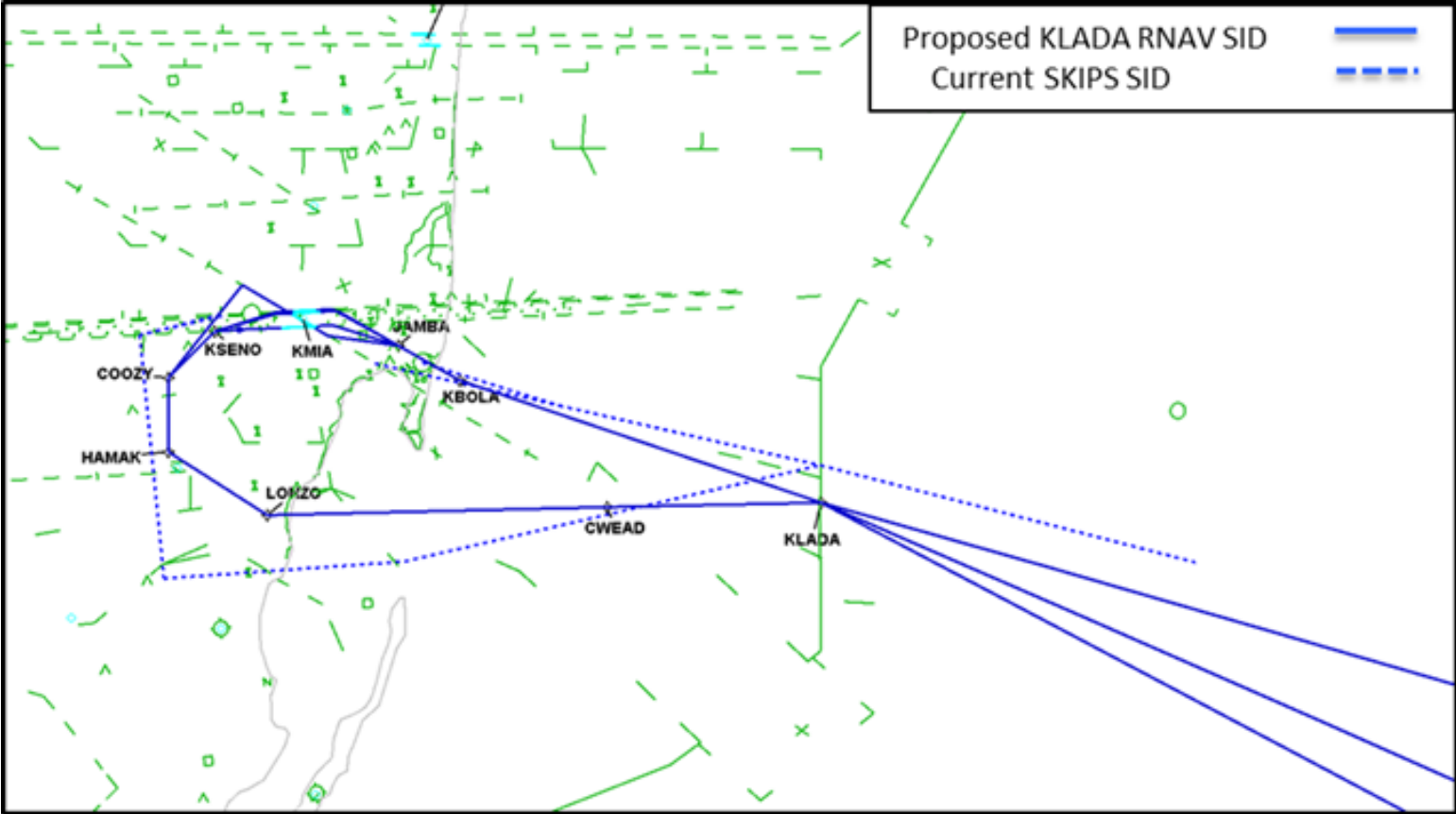
KLADA RNAV SID Enroute View
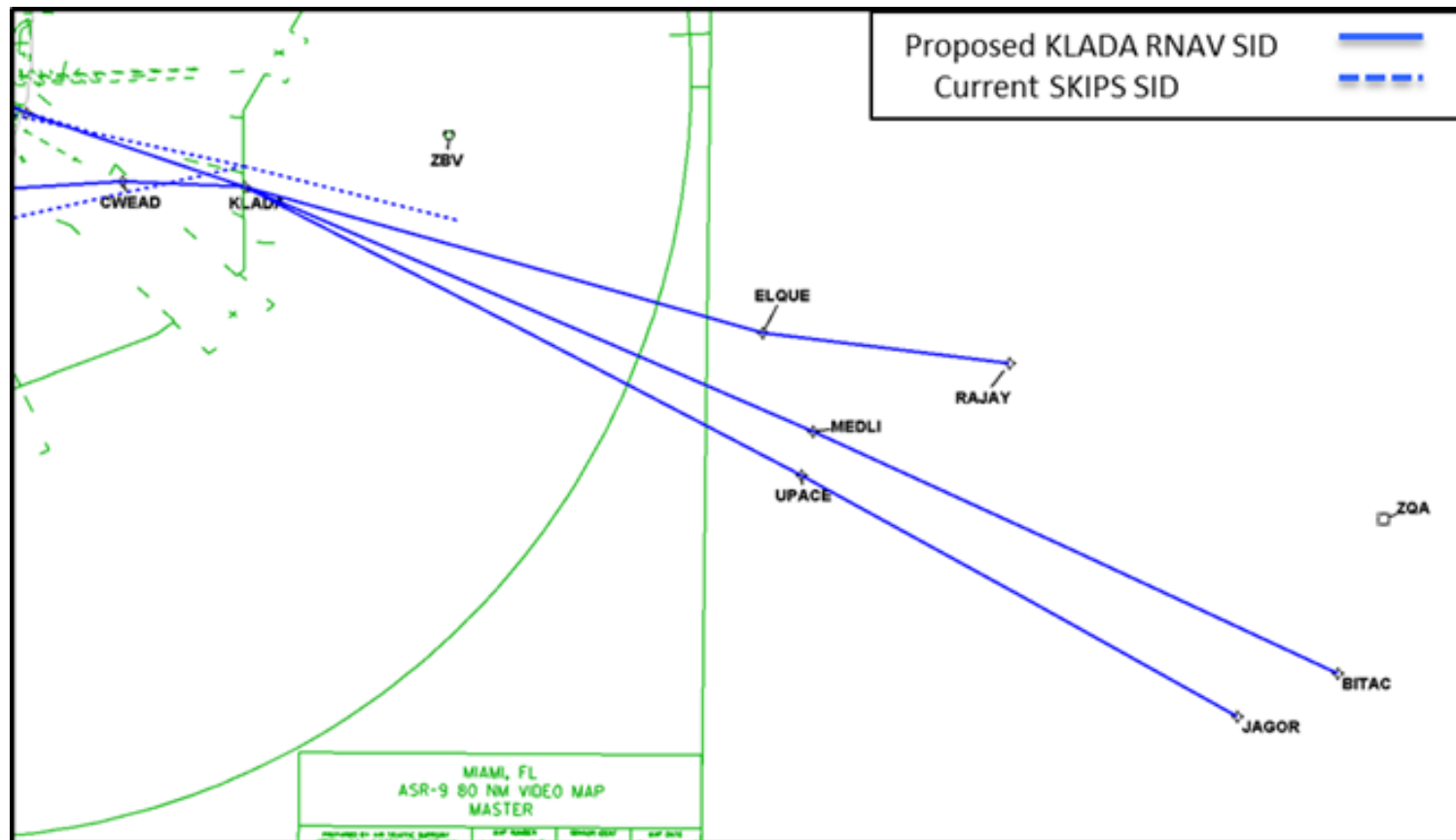
KNOST RNAV SID (Serves TPA)
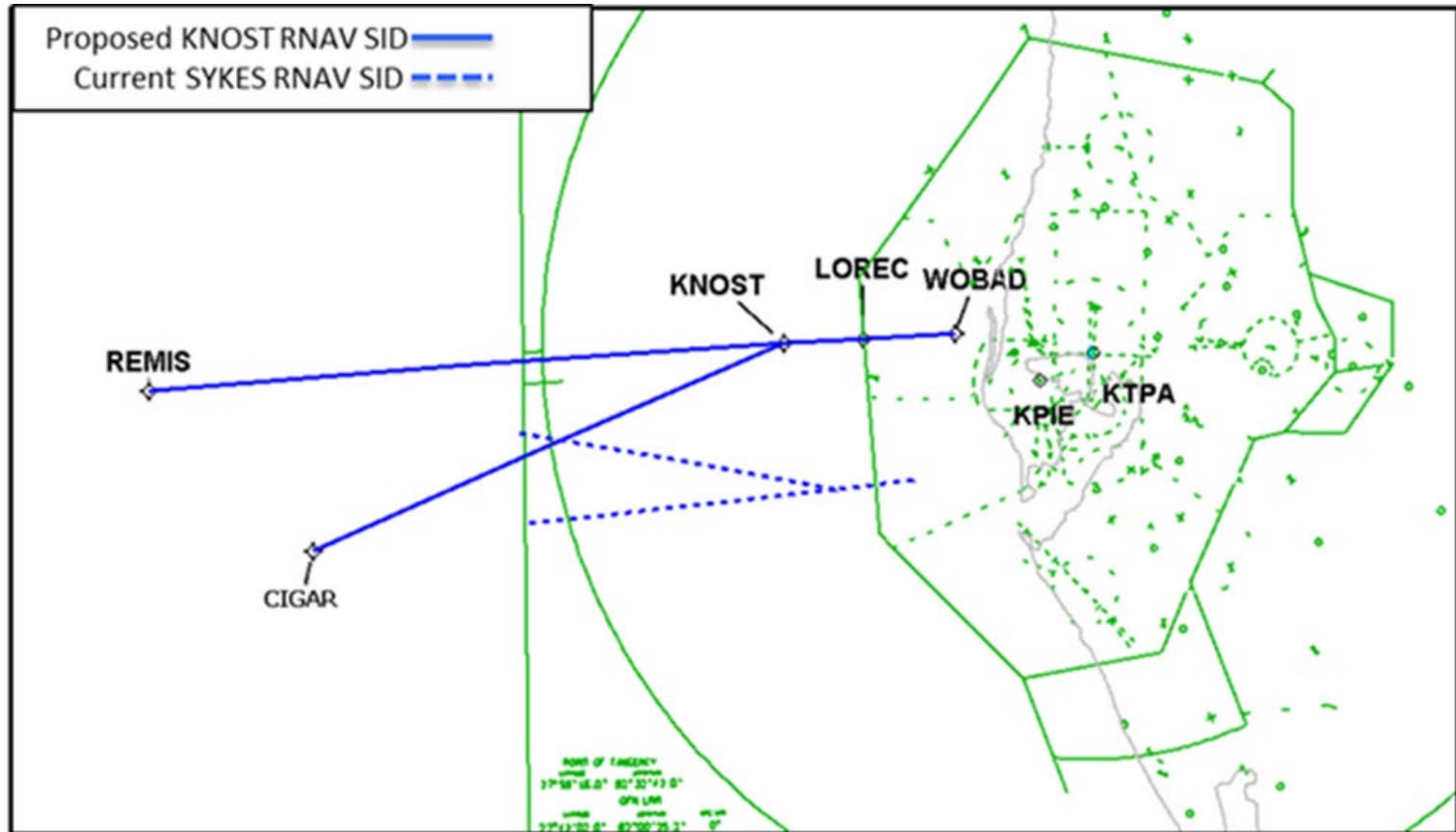
MHITO RNAV SID (Serves MIA, FLL, FXE, HST, OPF, PMP, TMB, X51) Terminal View

MHITO RNAV SID Enroute View
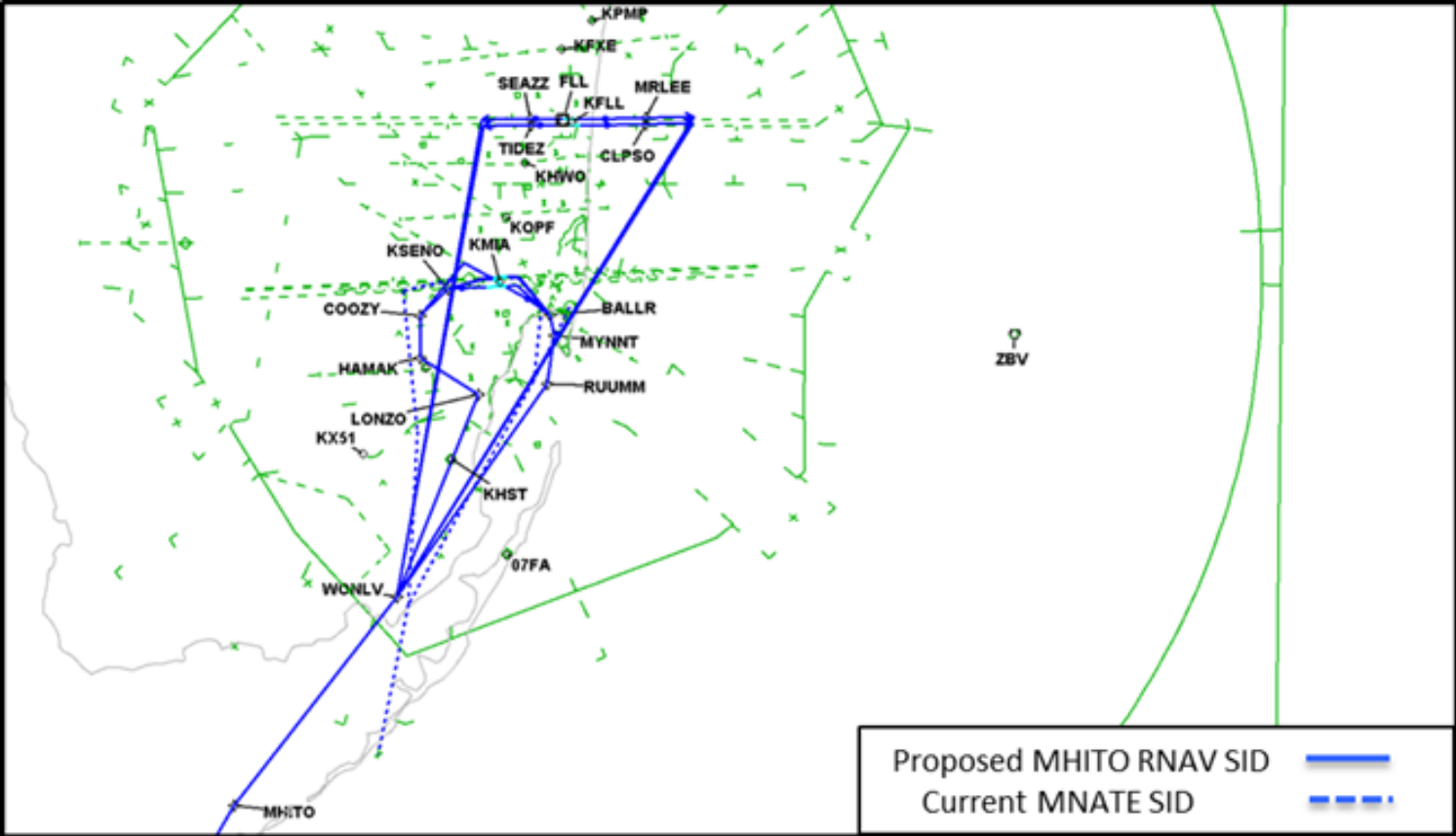
MIXAE RNAV SID (Serves PBI)

Proposed MIXAE RNAV SID ——

Current MIXAE2 SID ----
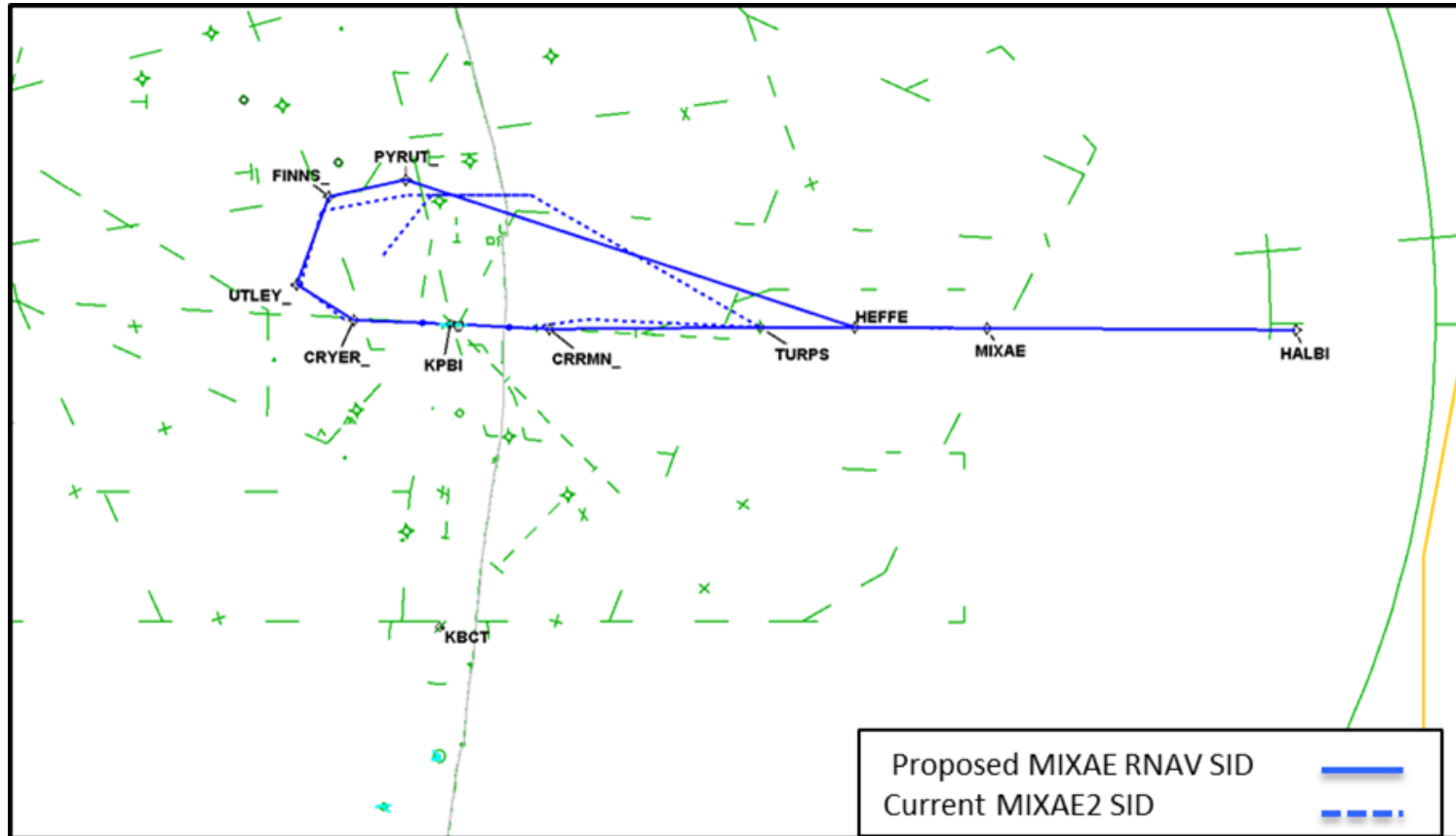
NNOCE RNAV SID Terminal View
(Serves MIA, 11 P.M. TO 6 A.M. LCL)
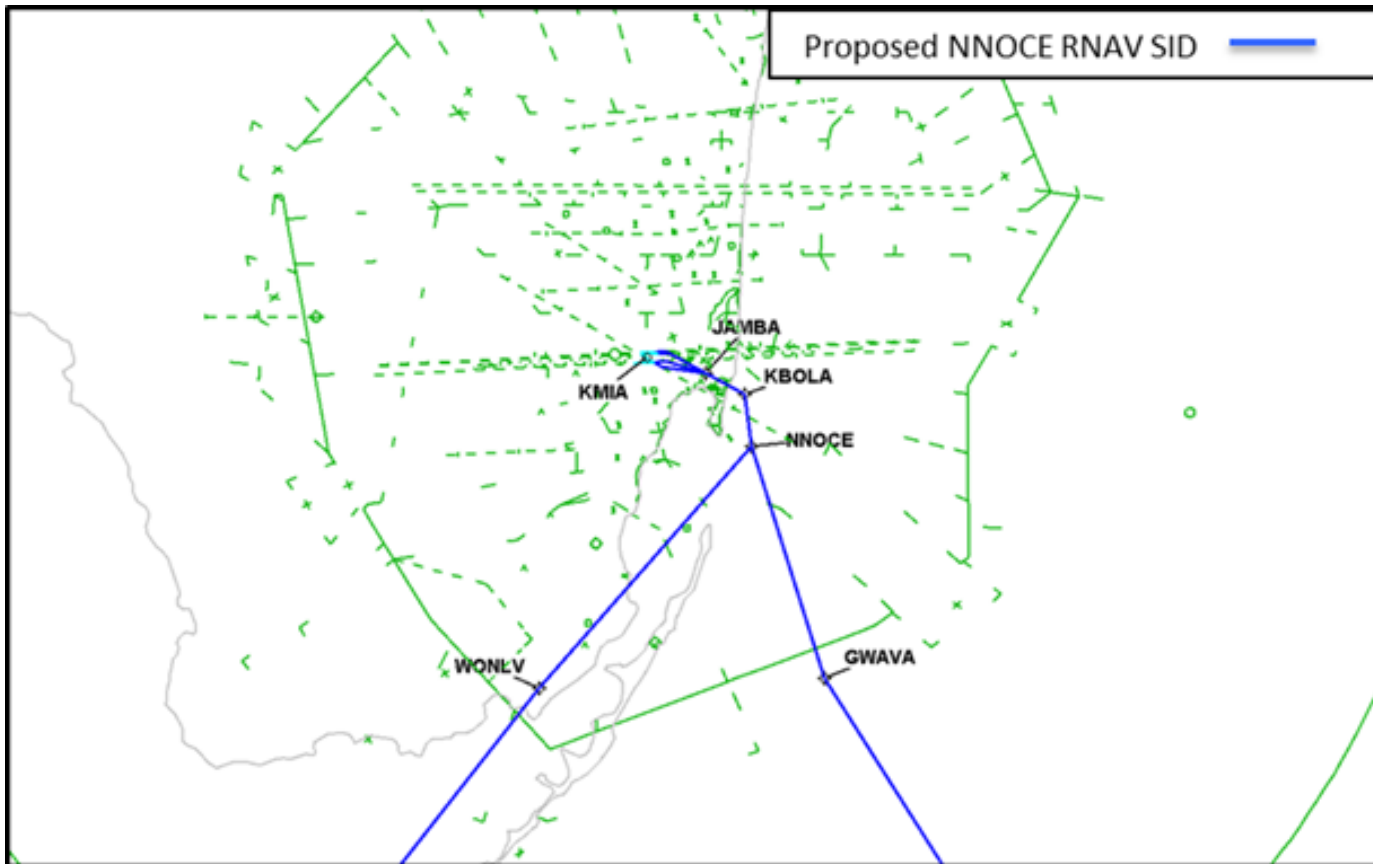
NNOCE RNAV SID Enroute View
(Serves MIA, 11 P.M. TO 6 A.M.)

REGAE RNAV SID (Serves FLL) Terminal View

Proposed REGAE RNAV SID
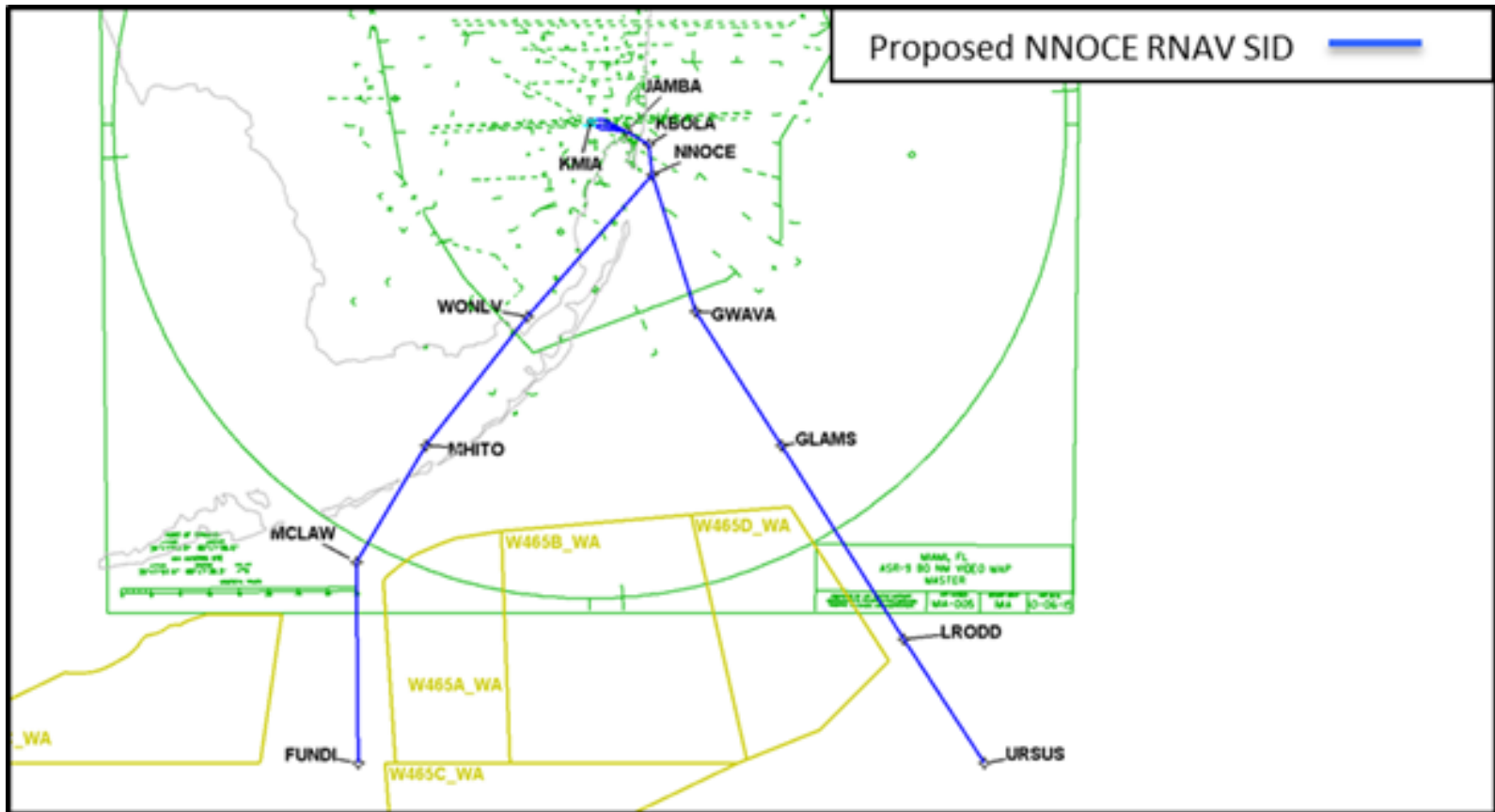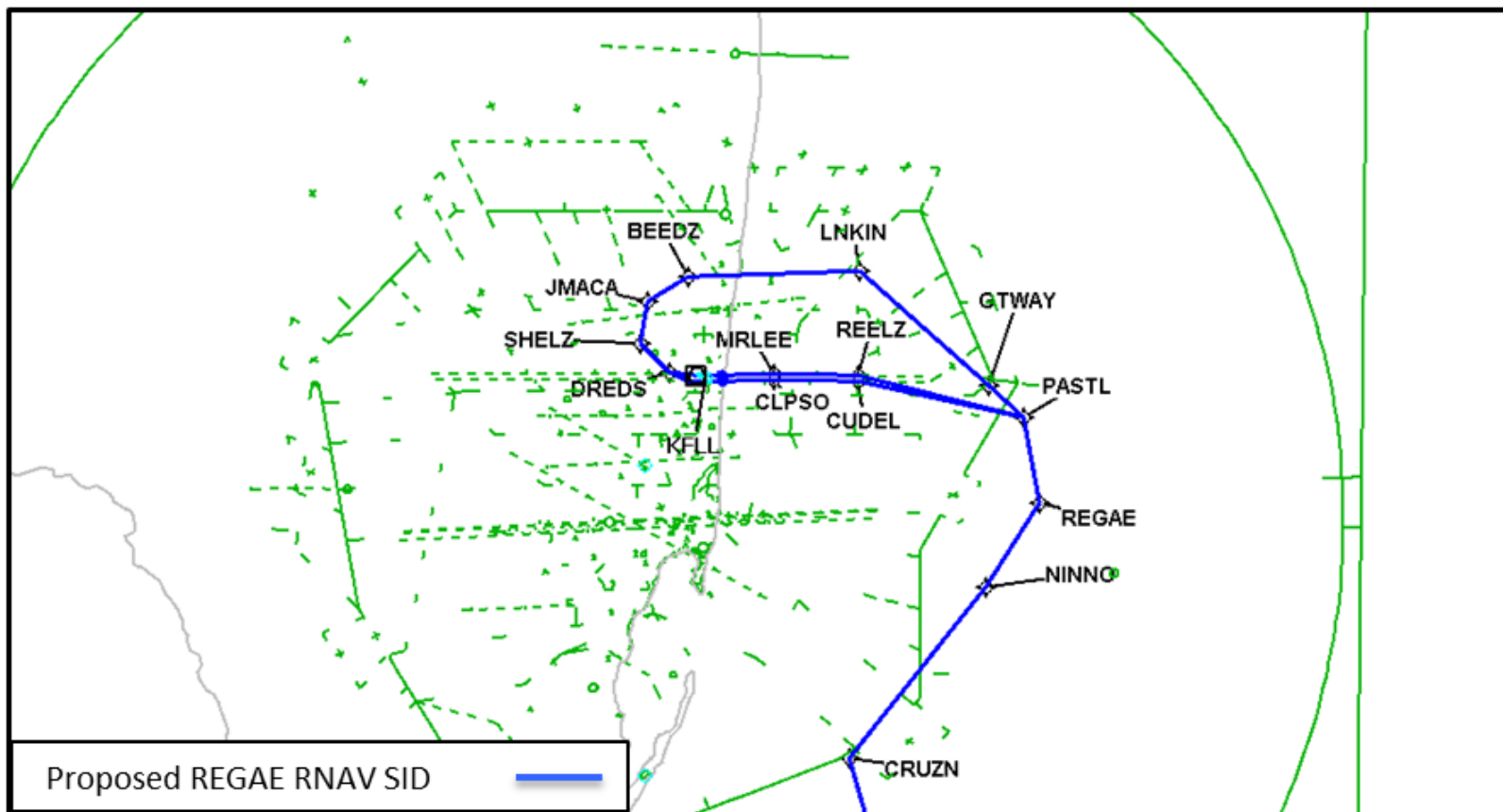
REGAE RNAV SID (Serves FLL) Enroute View
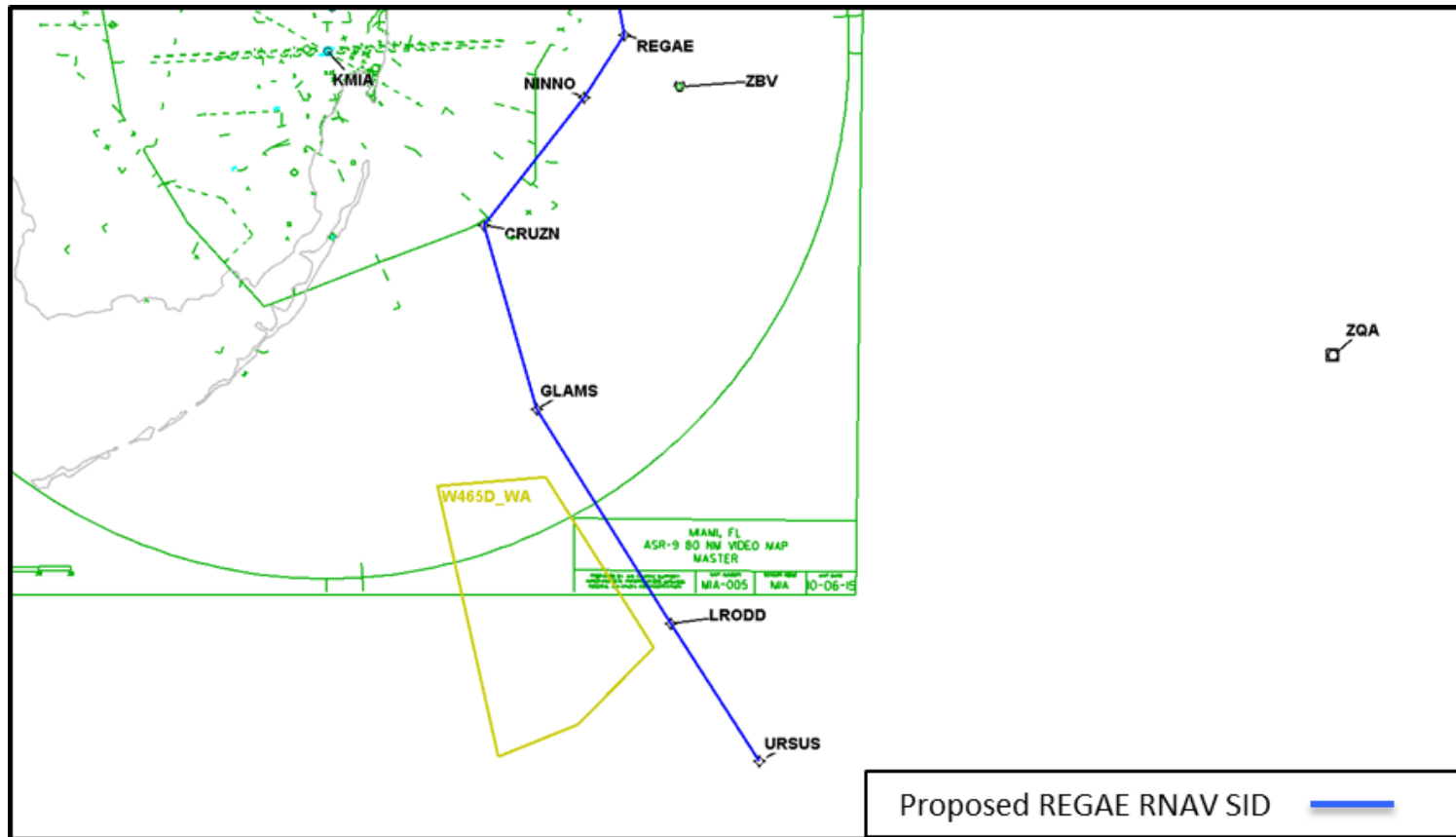
SNAPR RNAV SID (Serves FLL) Terminal View
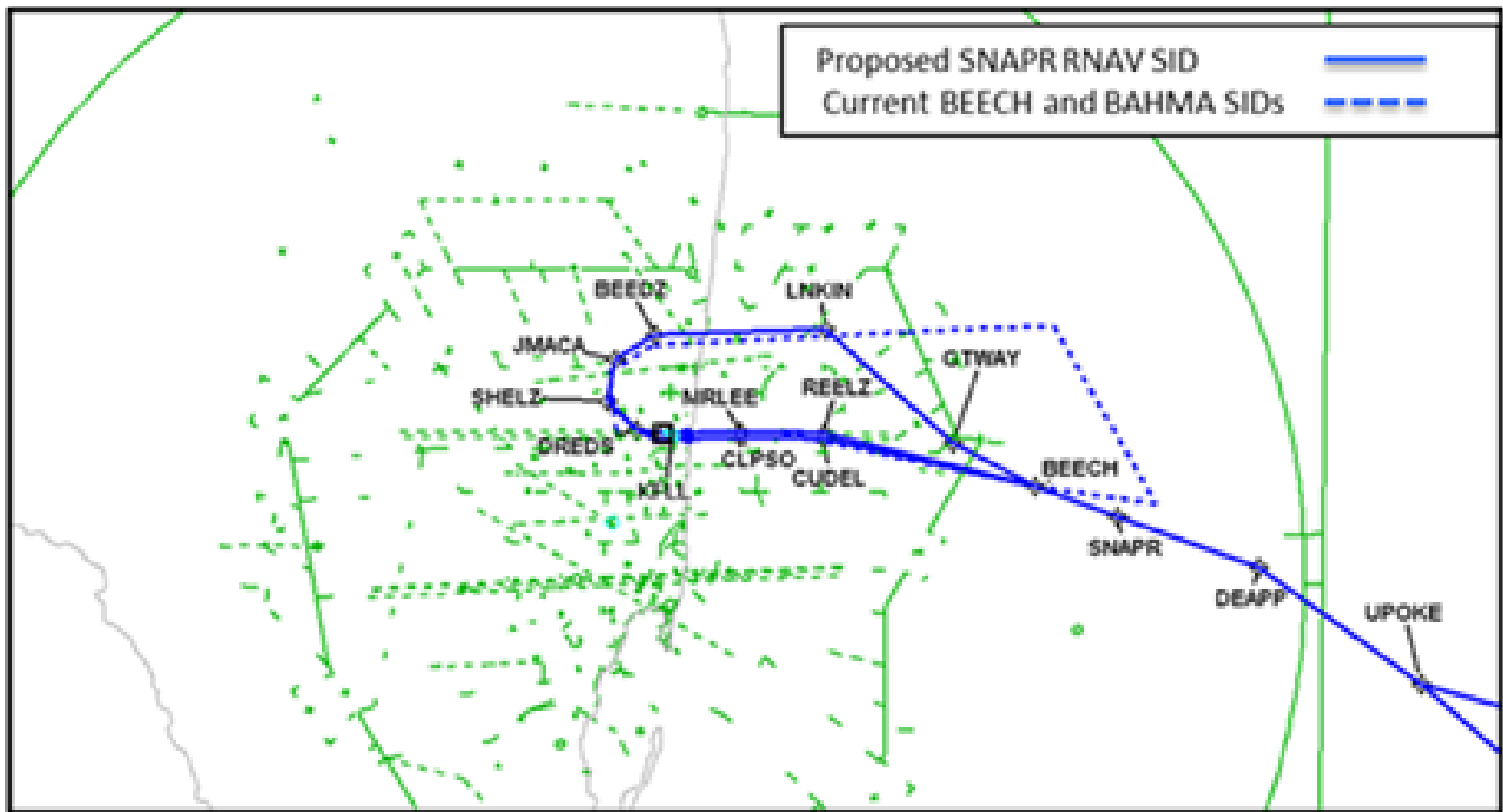
SNAPR RNAV SID (Serves FLL) Enroute View
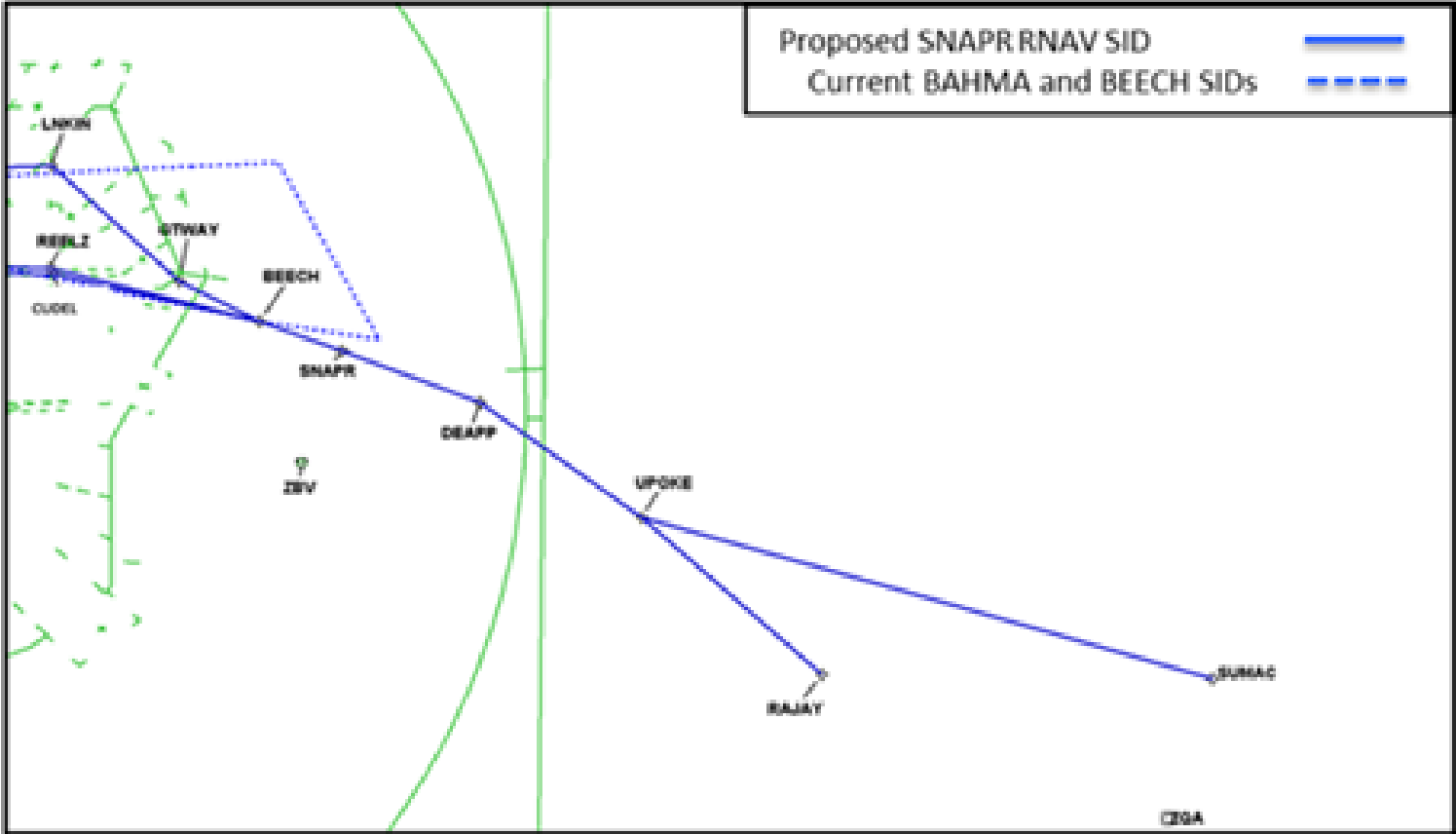
STARs

BHHIA RNAV STAR (Serves FLL, FXE, OPF, PMP) Enroute View
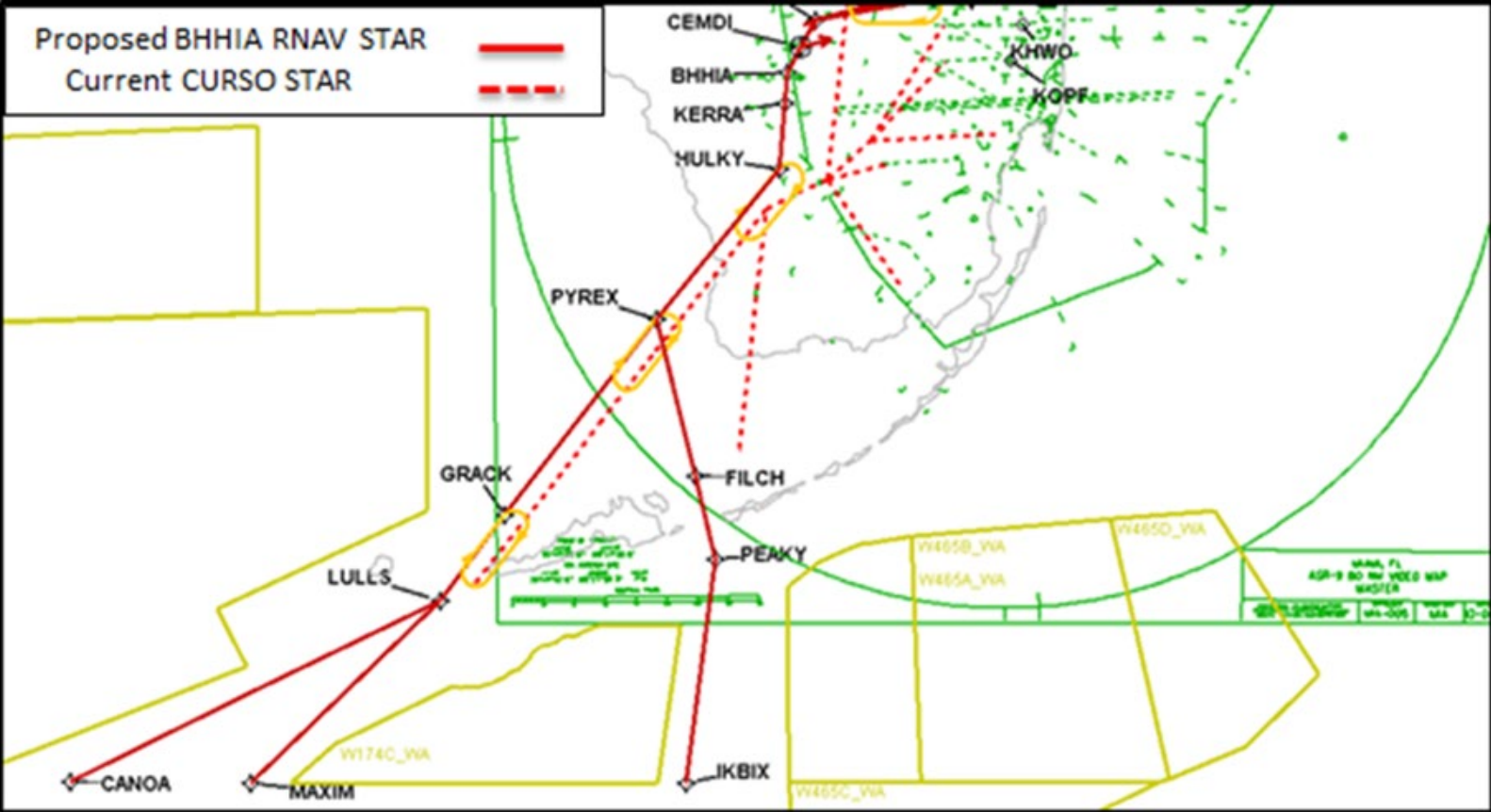
BHHIA RNAV STAR Terminal View
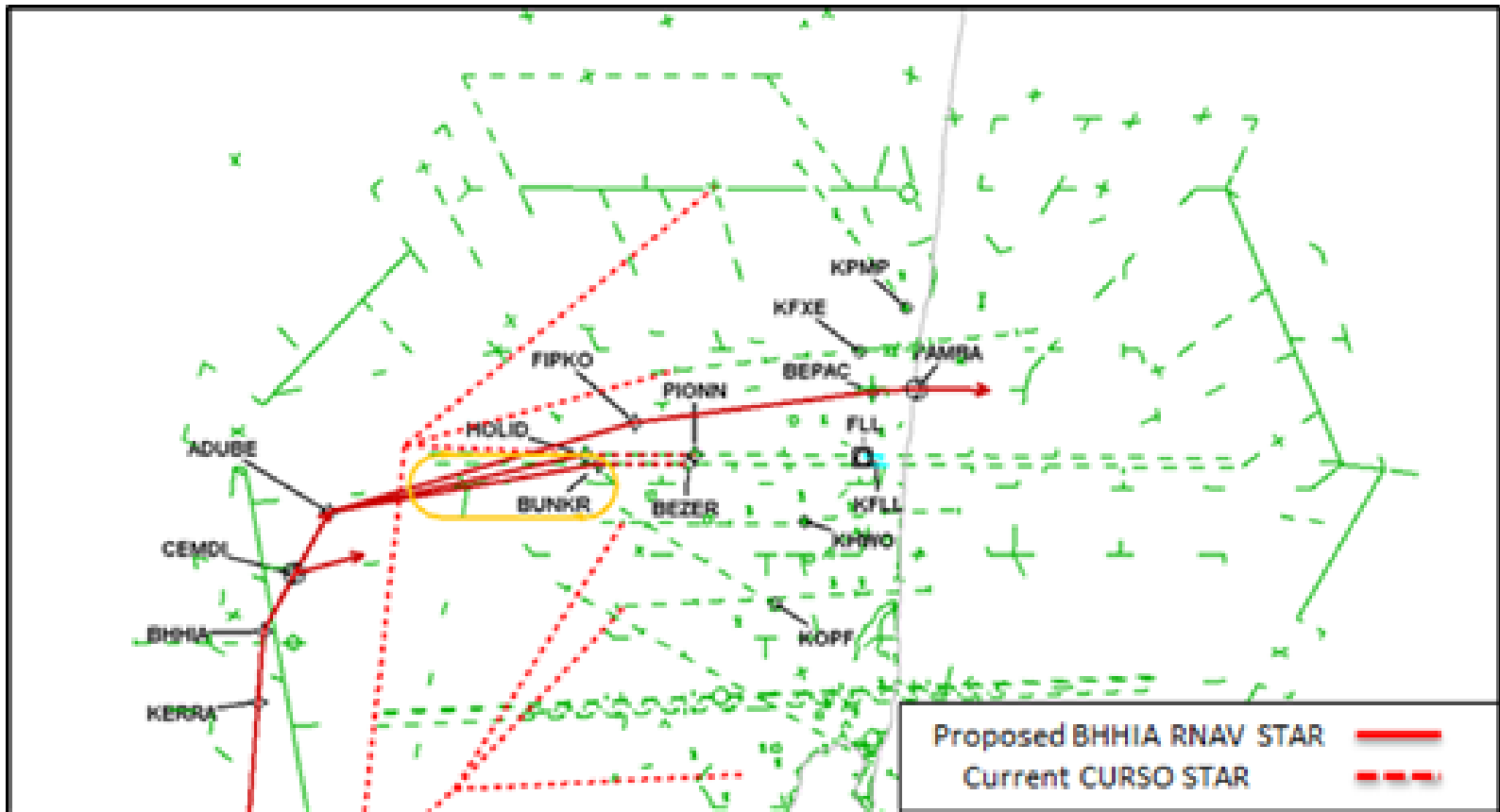
BLFRG RNAV STAR (Serves TPA, PIE, MCF, VDF)
Enroute View
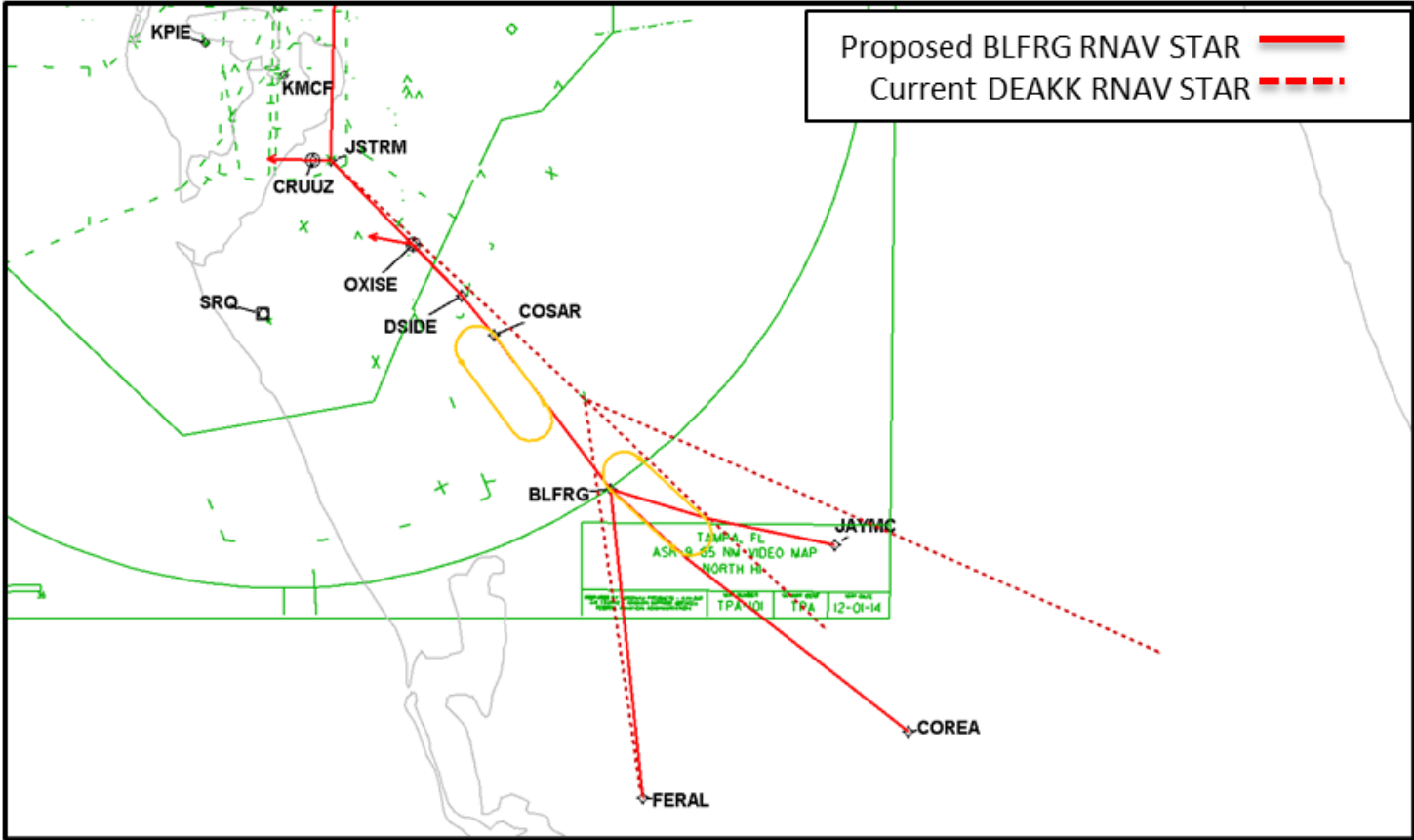
BLFRG RNAV STAR Terminal View
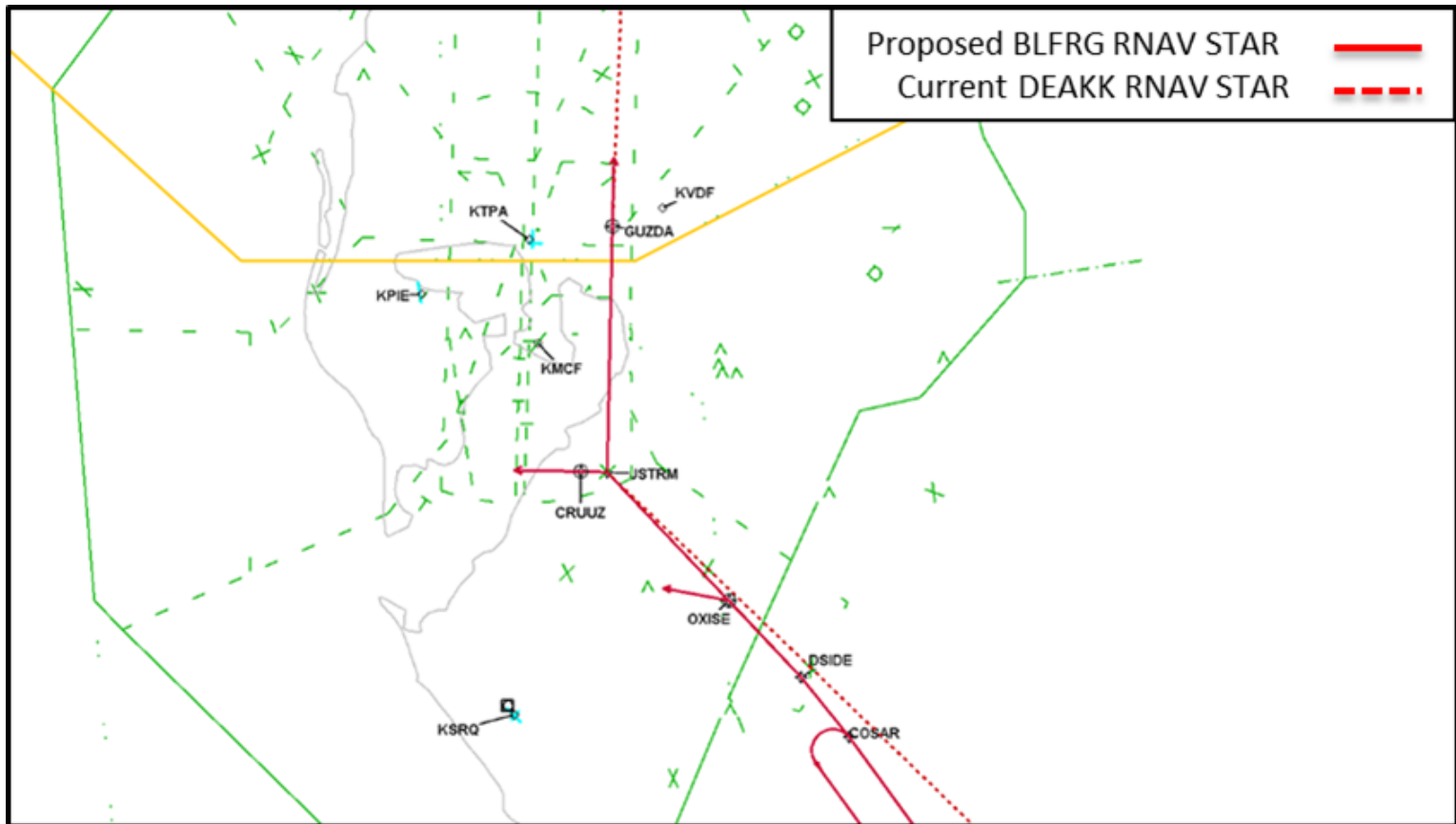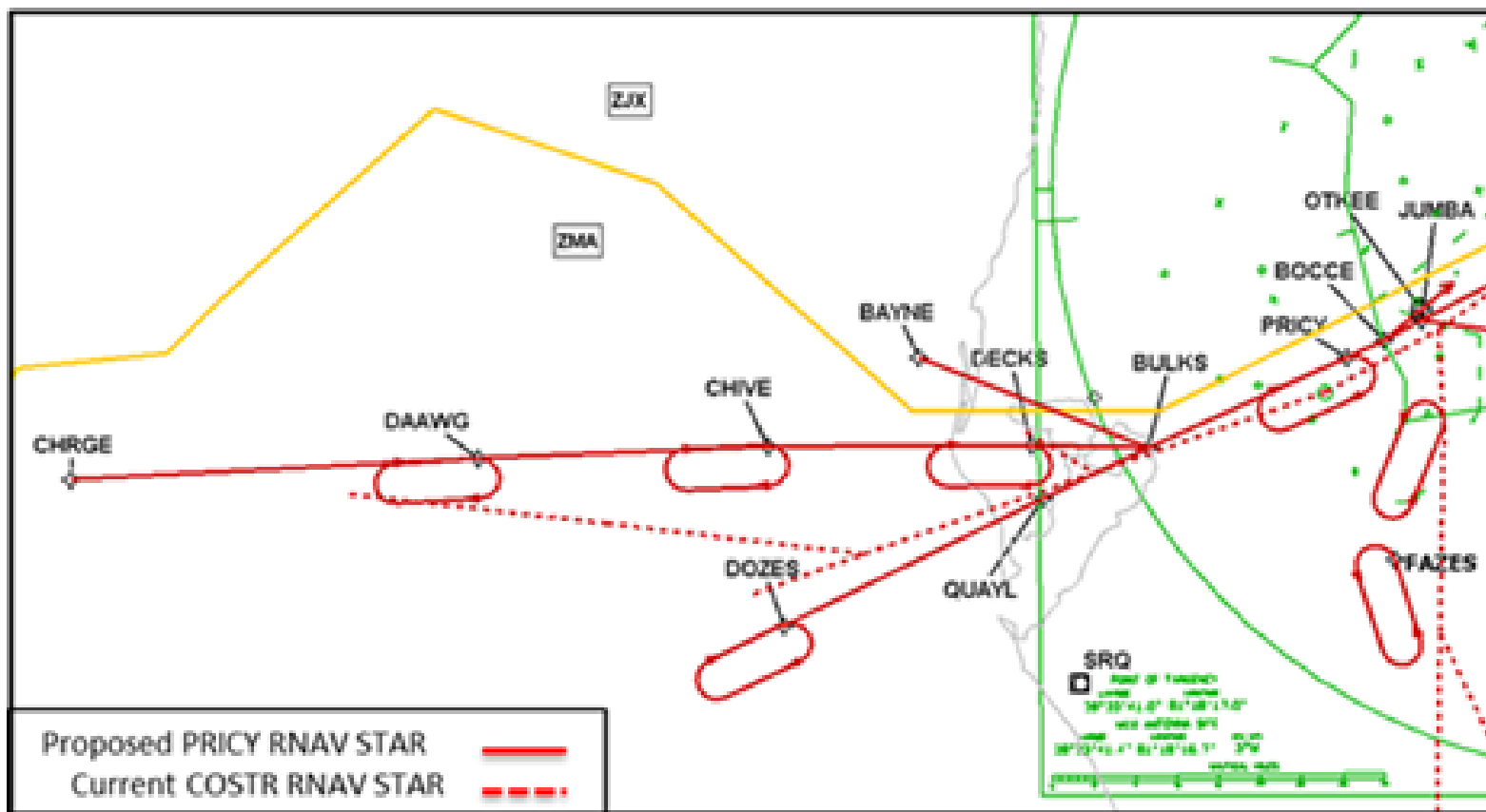
KYAKS RNAV STAR (Serves FLL, FXE, HWO, OPF, PMP

Proposed KYAKS RNAV STAR
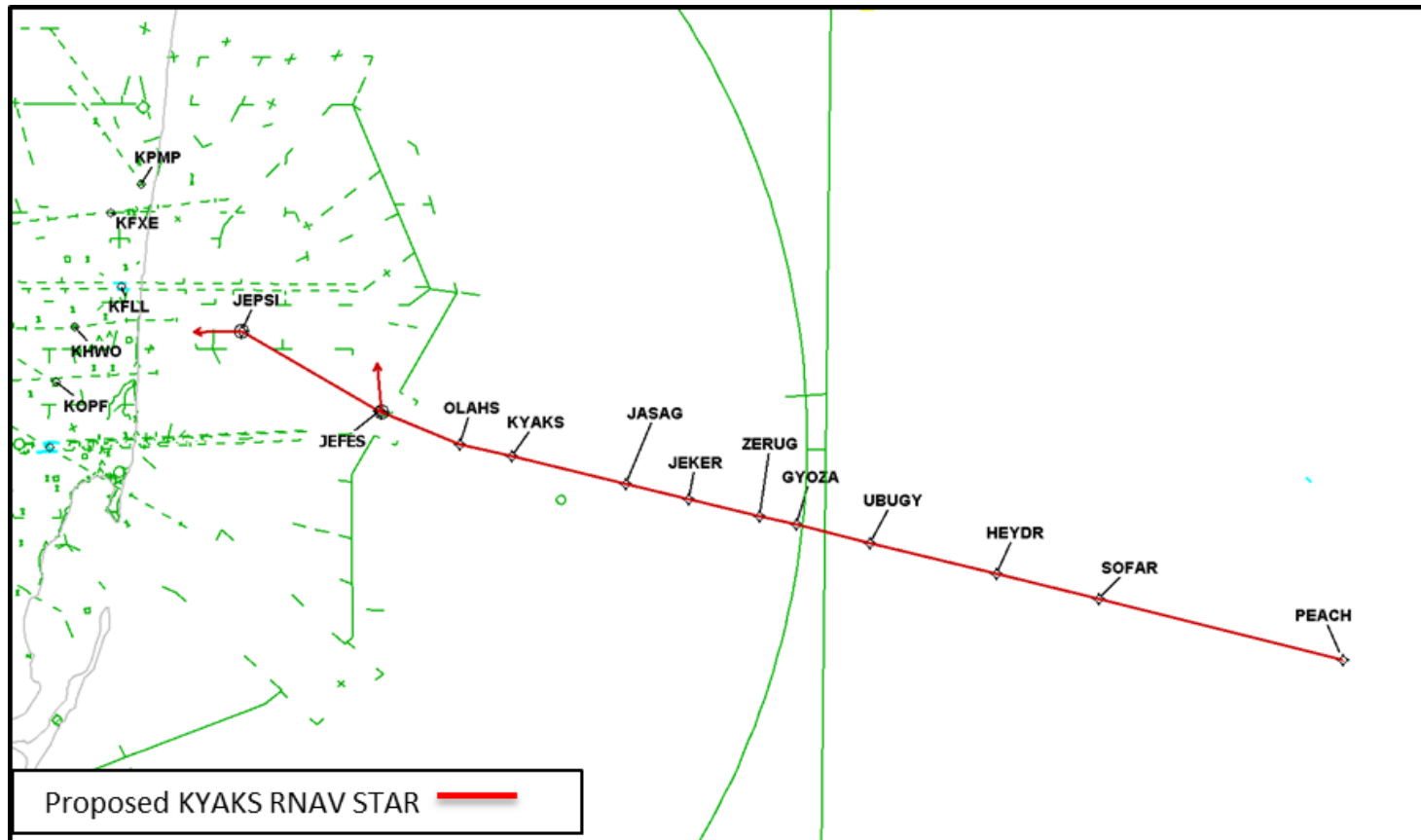
OLAHS RNAV STAR (Serves FLL, FXE, OPF, PMP) Enroute View
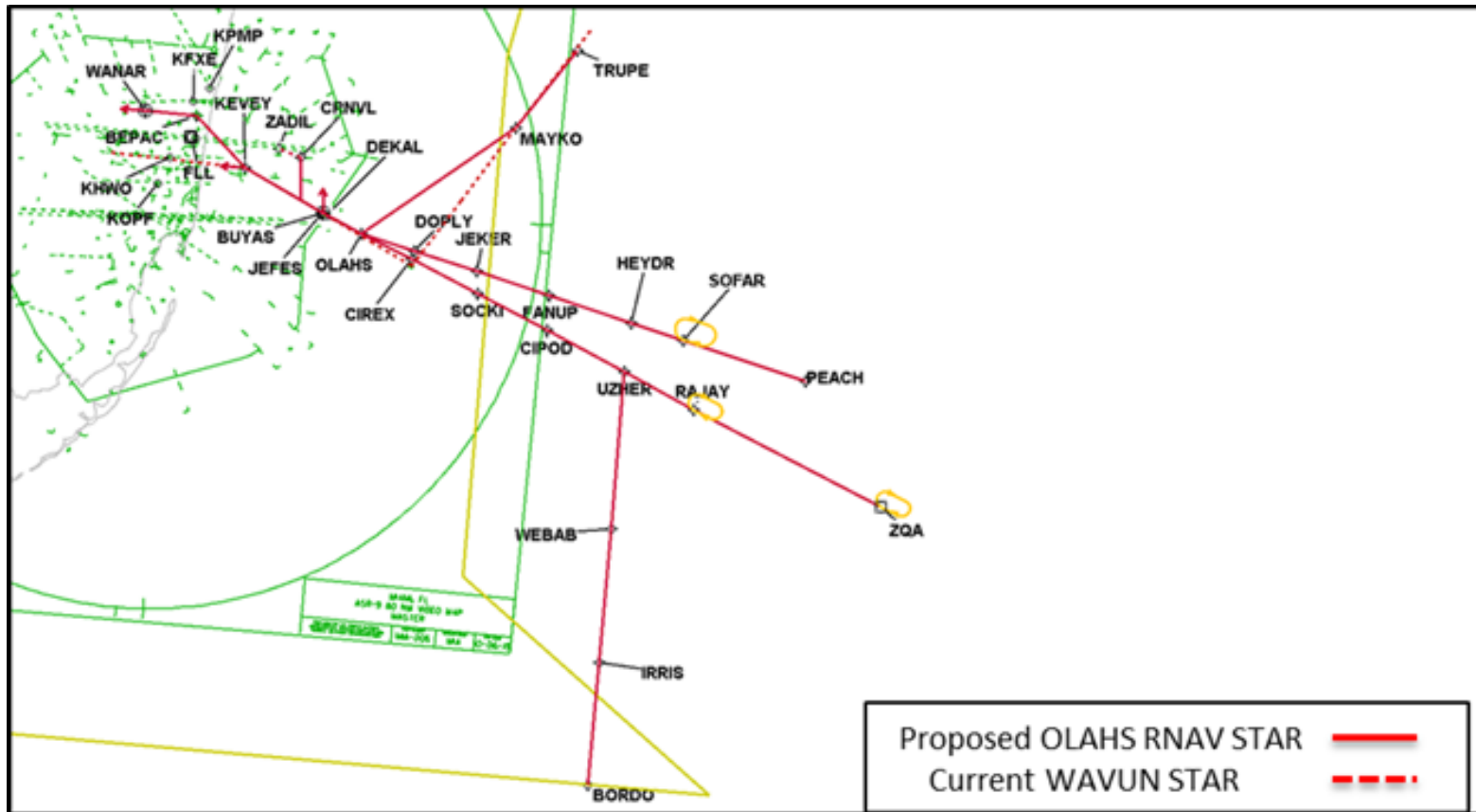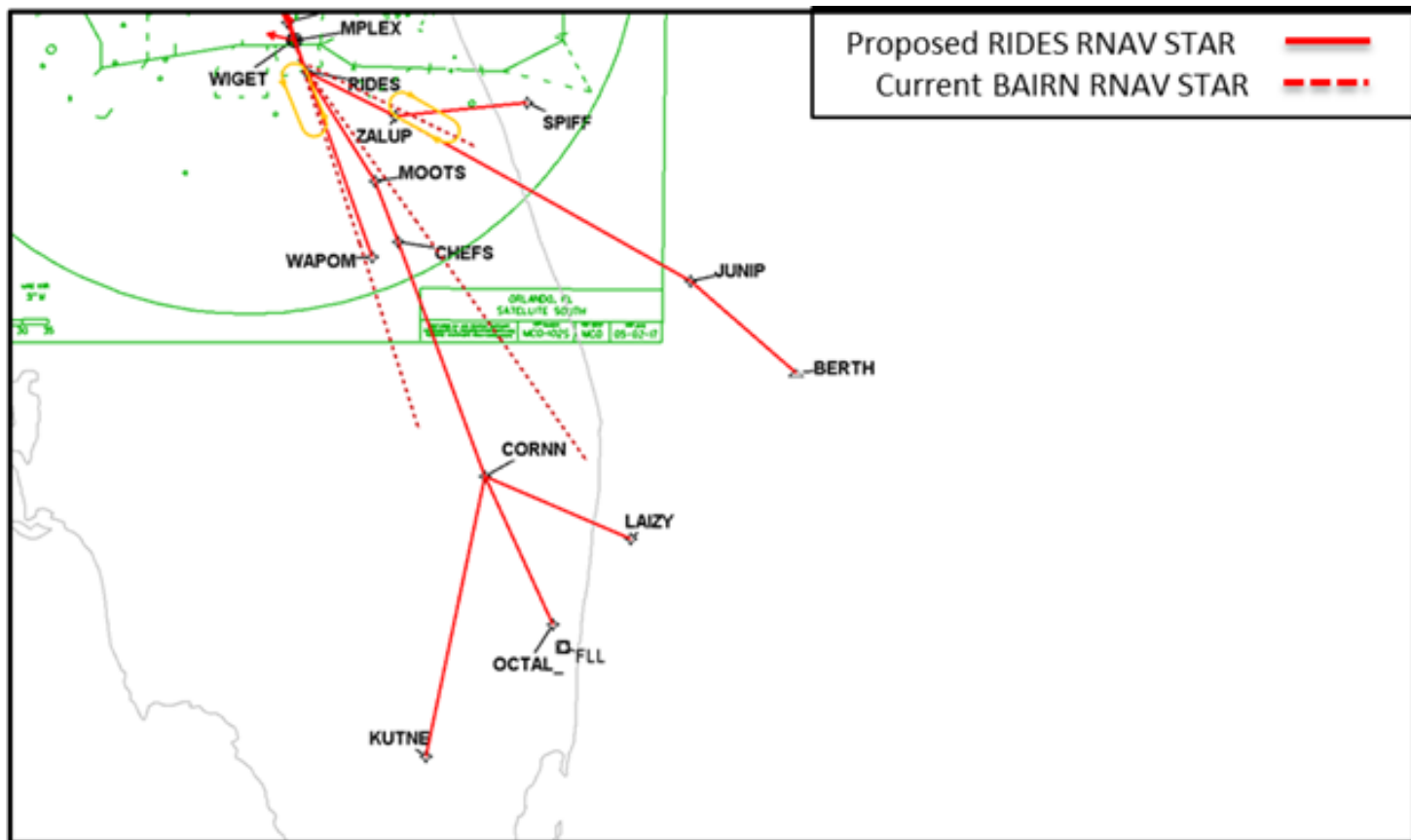
OLAHS RNAV STAR Terminal View
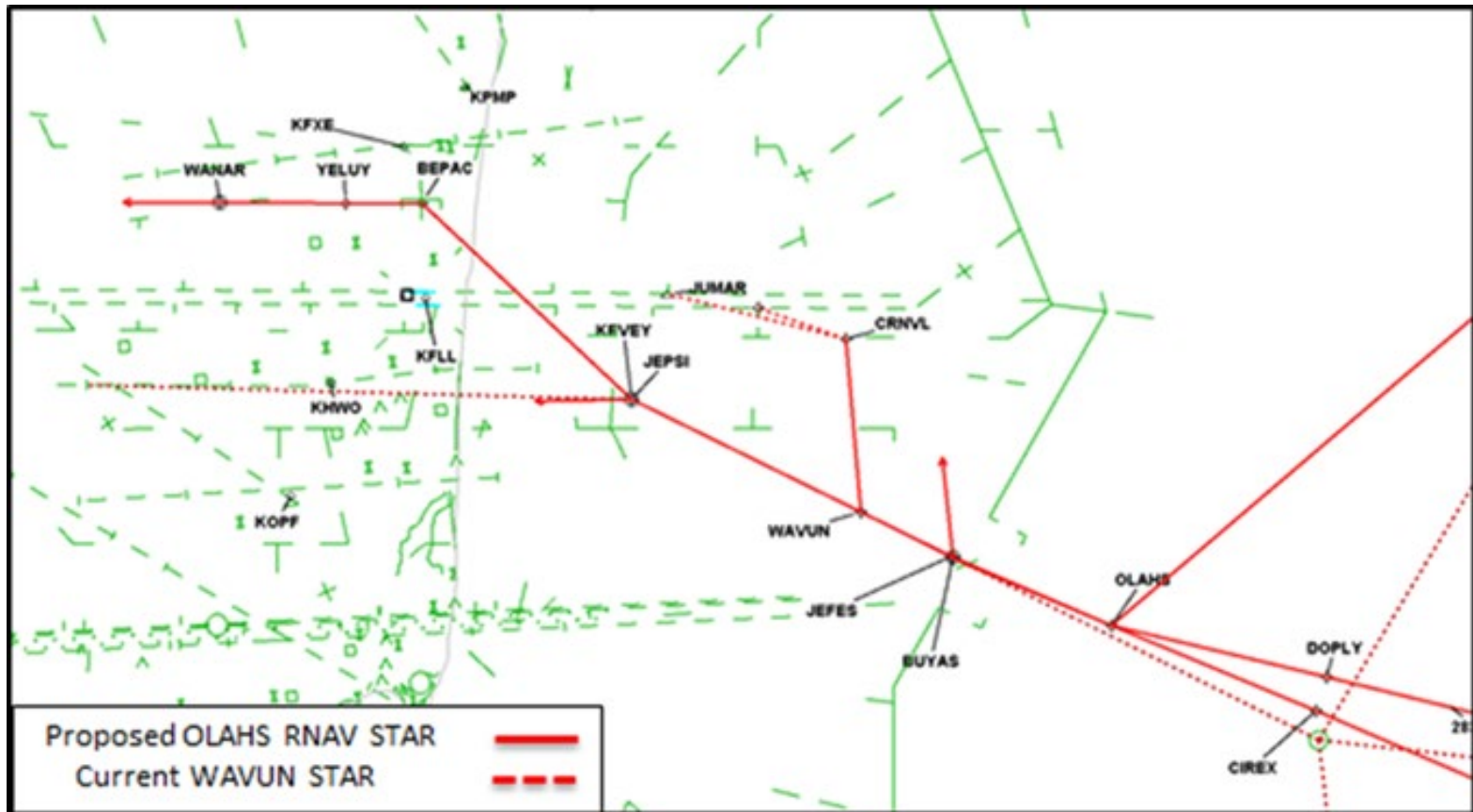
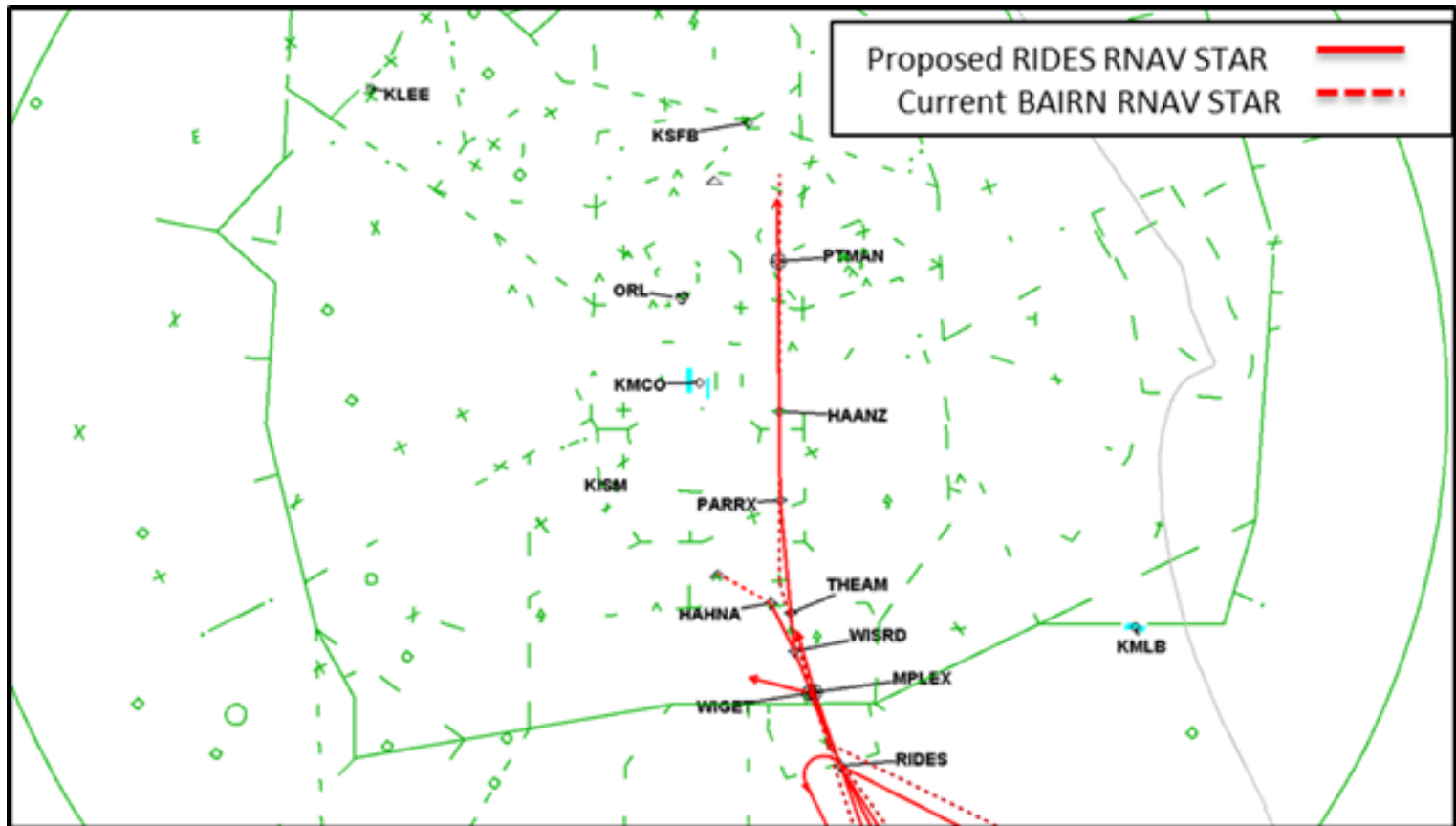# PRICY RNAV STAR (Serves MCO, ORL, ISM, SFB, MLB, LEE) Enroute View
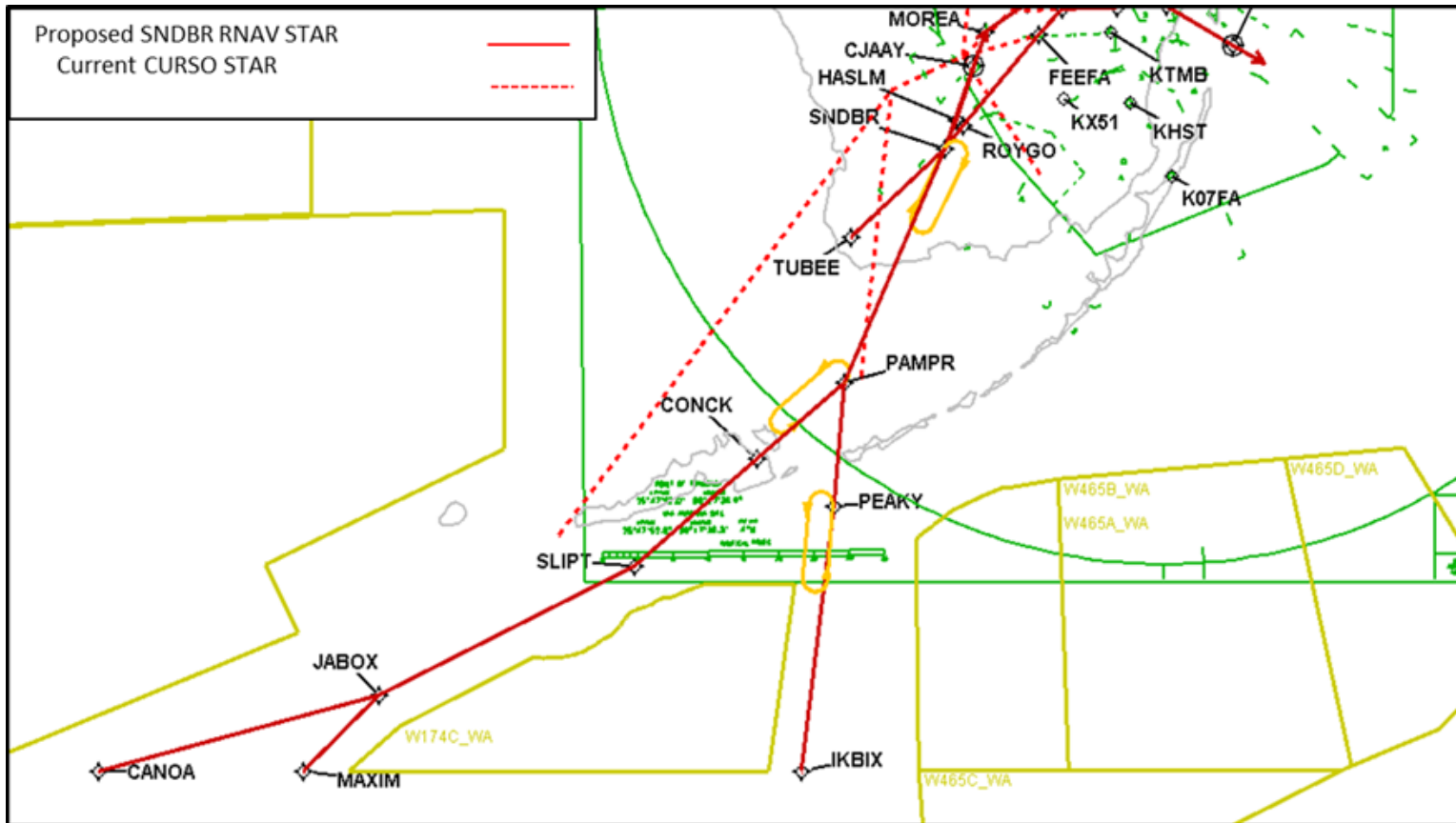
PRICY RNAV STAR Terminal View
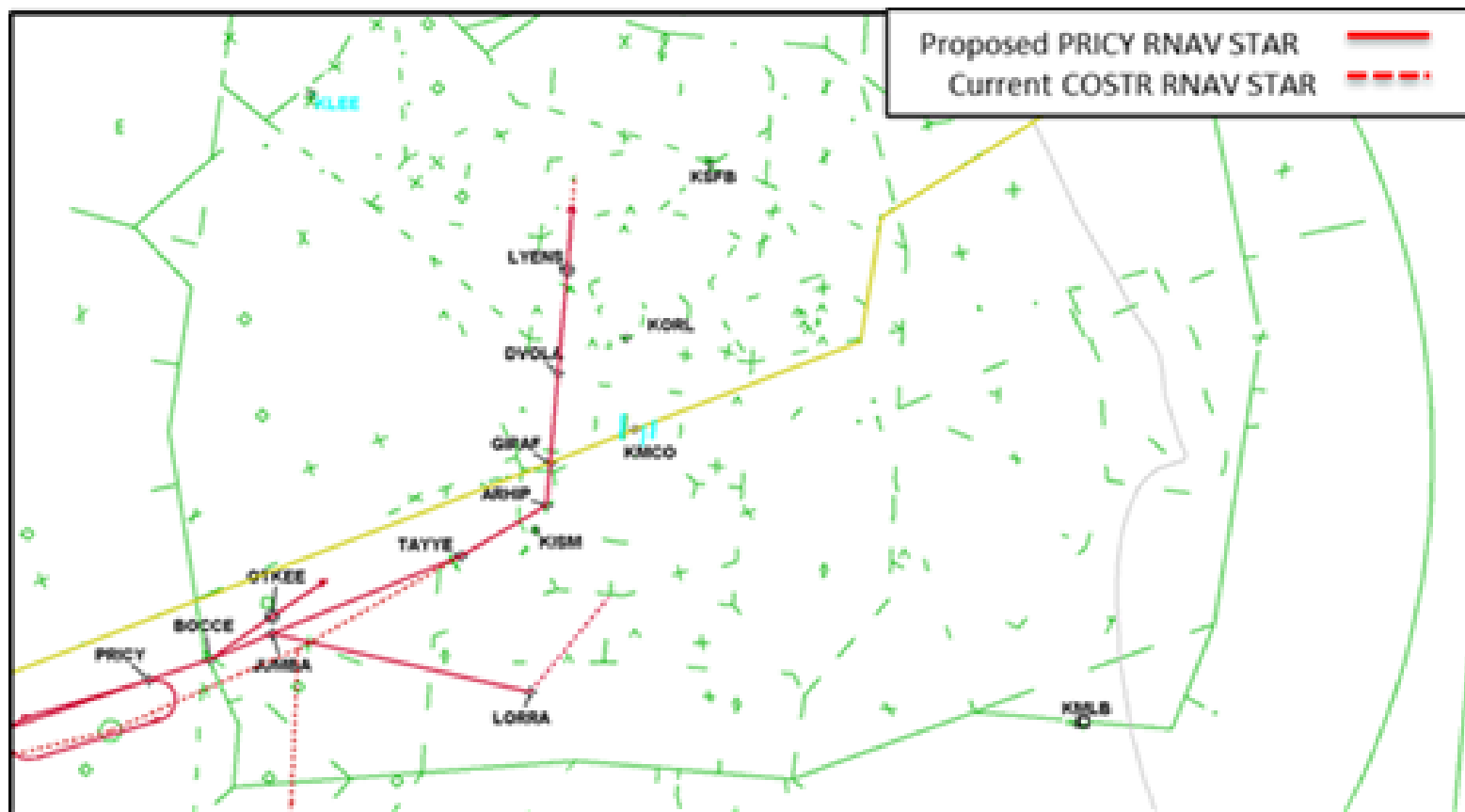
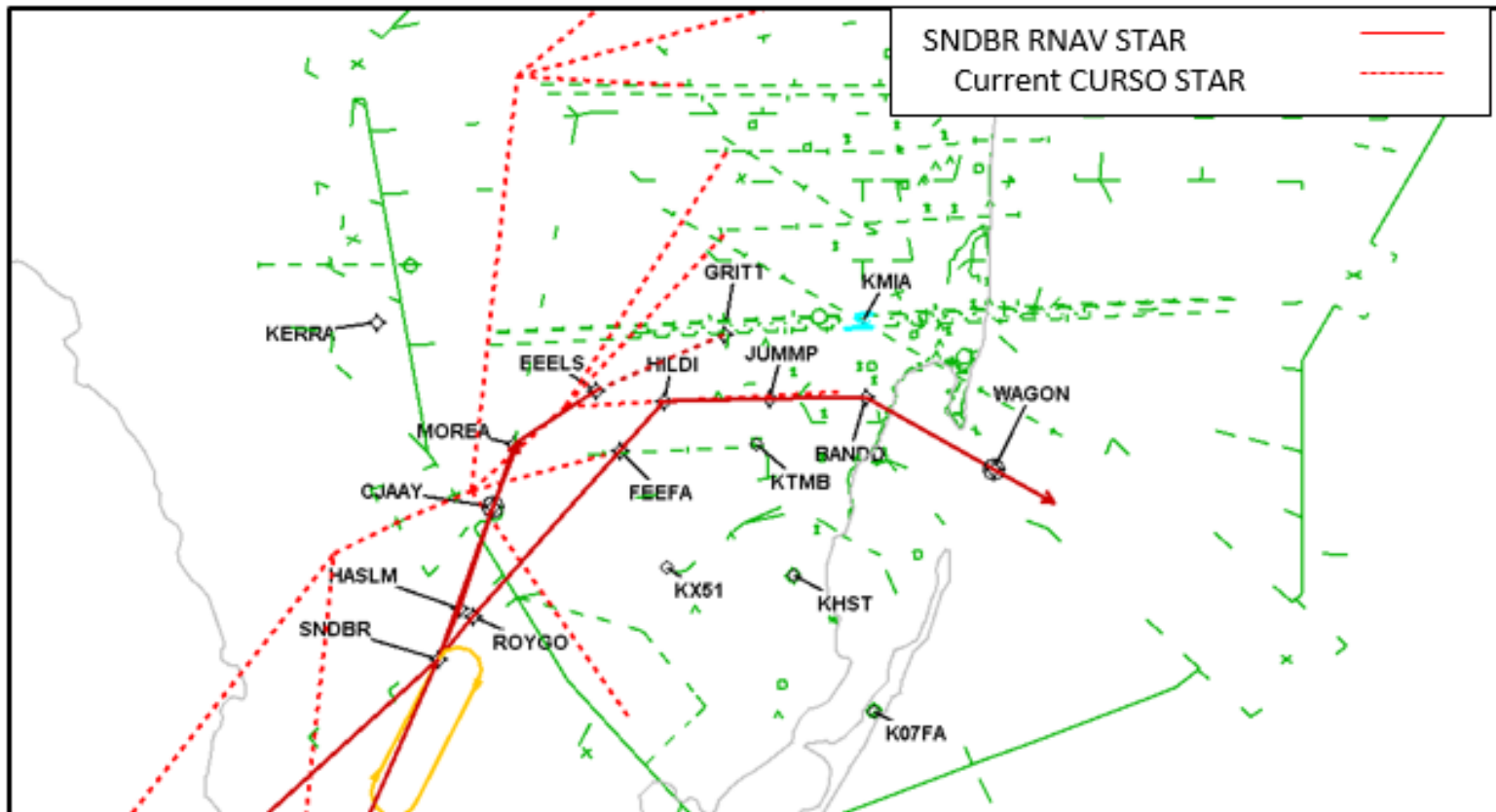# RIDES RNAV STAR (Serves MCO, ORL, ISM, SFB, LEE) Enroute View
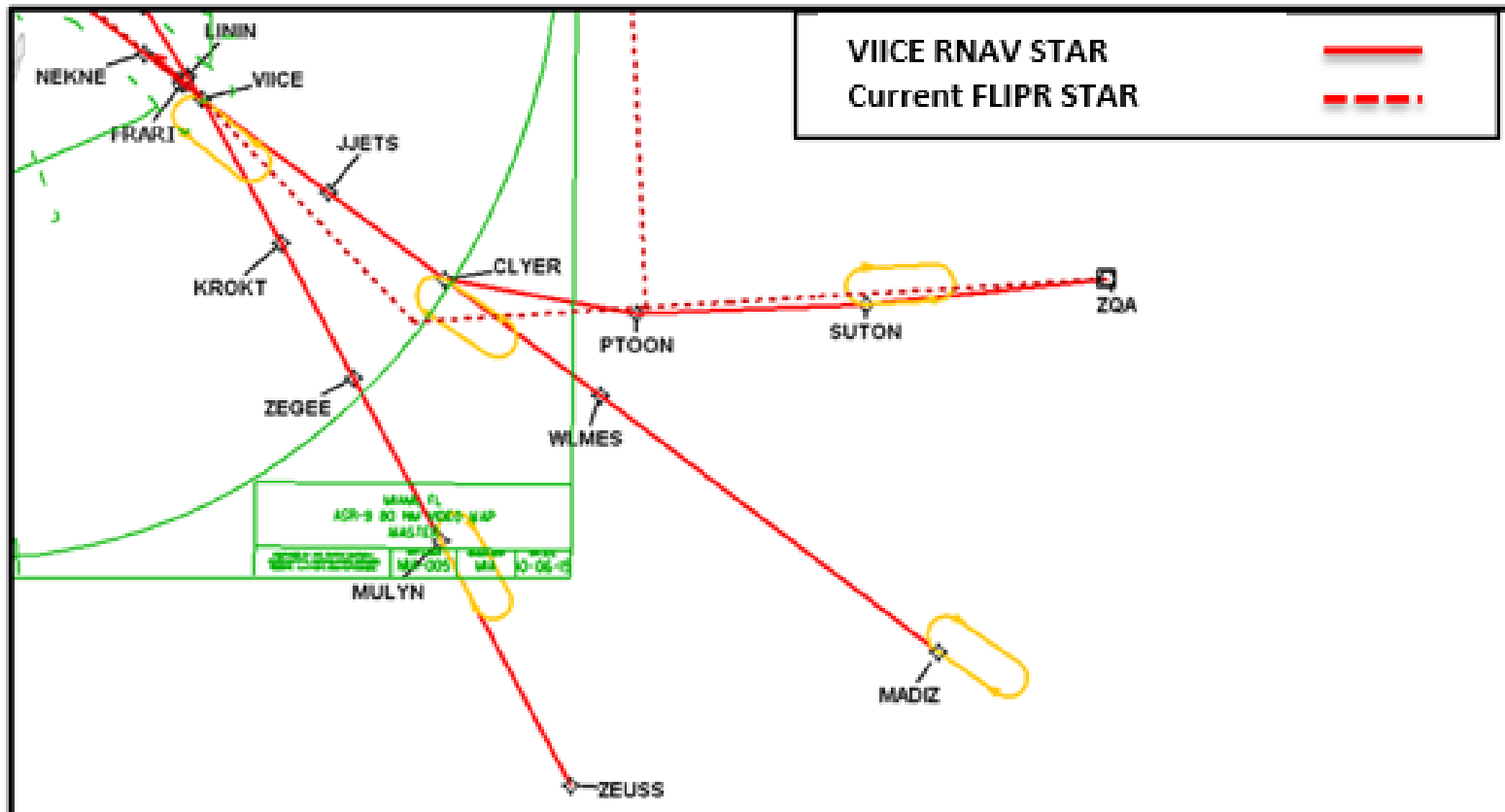
RIDES RNAV STAR Terminal View

SNDBR RNAV STAR (Serves MIA, 07FA, HST, TMB, X51) Enroute View

SNDBR RNAV STAR Terminal View

VIICE RNAV STAR (Serves MIA, 07FA, HST, TMB, X51) Enroute View

VIICE RNAV STAR Terminal View