NAS Enterprise Architecture

Infrastructure Roadmaps v19.1

BASELINE

May 2025

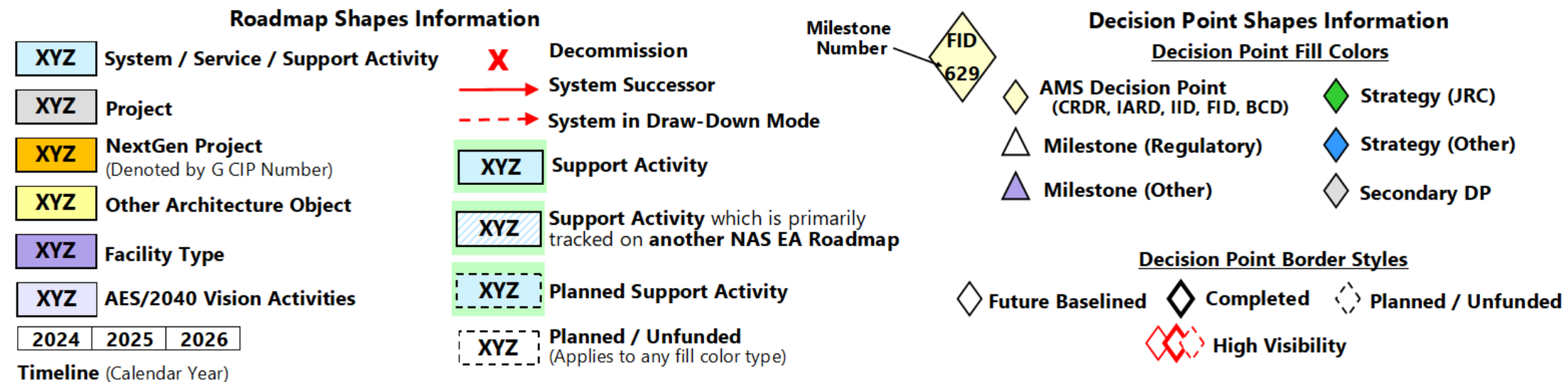# Infrastructure Roadmap Overview

What are the Infrastructure Roadmaps?

- The FAA Infrastructure Roadmaps show the progression of system deployments, investments, and key decision points for major NAS acquisitions. They depict the acquisition strategy to evolve the NAS from the As-Is to the To-Be environment.

- The Infrastructure Roadmaps show all Capital Investment Plan (CIP) investment projects and systems identified in the NSIP that will deliver the necessary functionality to enable OIs and BTIs.

Guidelines for Understanding the Roadmaps

- The Infrastructure Roadmaps are organized by Domain (Automation, Communication, etc.) and depict projects, systems, services, decision points, and support activities.

- The timeline is in calendar years and shows a 17-year outlook.

- The roadmaps have swim lanes for Infrastructure (white), Support Activities (green), and Platform/Compute (purple).

- The DP diamonds represent the quarter in which a decision will occur.

- The Support Activity bars represent the dates that work is being performed on the activity.

- The Project bars represent the dates that CIP funding is allocated to a project.

- The System and Service bars represent the dates that a system or service is operational, with red lines indicating sustainment, drawdown, or convergence

Infrastructure Roadmap Legend

Roadmap Shapes Information

Shape	Description
XYZ	System / Service / Support Activity
XYZ	Project
XYZ	NextGen Project (Denoted by G CIP Number)
XYZ	Other Architecture Object
XYZ	Facility Type
XYZ	AES/2040 Vision Activities
2024 / 2025 / 2026	Timeline (Calendar Year)

Symbol	Description
X	Decommission
→	System Successor
--→	System in Draw-Down Mode
XYZ	Support Activity
XYZ	Support Activity which is primarily tracked on another NAS EA Roadmap
XYZ	Planned Support Activity
XYZ	Planned / Unfunded (Applies to any fill color type)

Milestone Number — FID 629

Decision Point Shapes Information

Decision Point Fill Colors

- AMS Decision Point (CRDR, IARD, IID, FID, BCD)
- Milestone (Regulatory)
- Milestone (Other)
- Strategy (JRC)
- Strategy (Other)
- Secondary DP

Decision Point Border Styles

- Future Baselined
- Completed
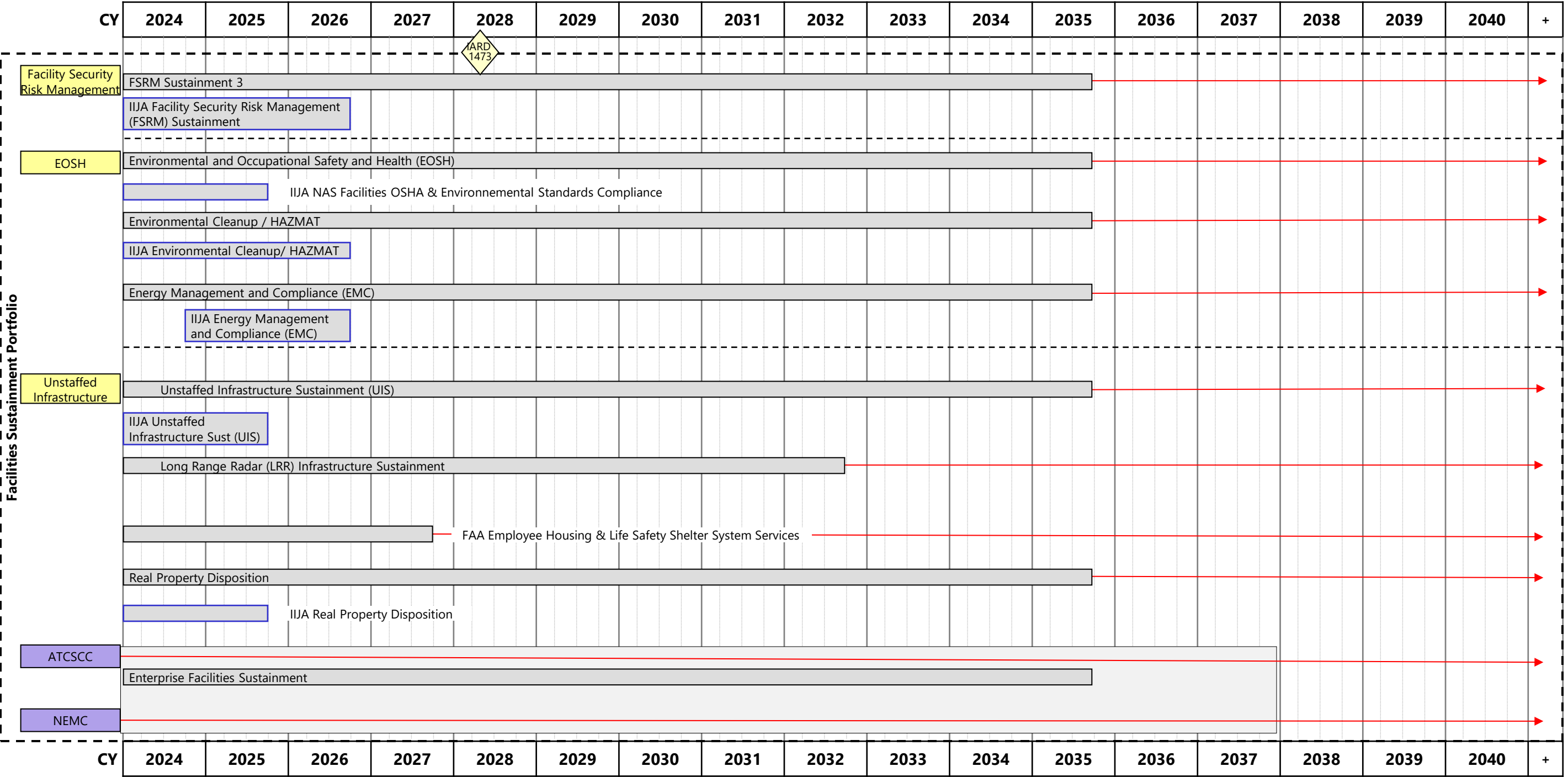- Planned / Unfunded
- High Visibility

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Facilities

The Facilities Roadmap presents an Executive View (EV) of the current National Airspace System (NAS) facilities environment and their sustainment, modernization, or replacement through major development programs.

Facilities Roadmap (1 of 5)

Items with a blue outline are lines of funding from the Infrastructure Investment & Jobs Act (IIJA), also known as the Bipartisan Infrastructure Law (BIL).

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CY	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	+

Facilities Sustainment Portfolio

Facility Security Risk Management
- FSRM Sustainment 3
- IIJA Facility Security Risk Management (FSRM) Sustainment

EOSH
- Environmental and Occupational Safety and Health (EOSH)
- IIJA NAS Facilities OSHA & Environnemental Standards Compliance
- Environmental Cleanup / HAZMAT
- IIJA Environmental Cleanup/ HAZMAT
- Energy Management and Compliance (EMC)
- IIJA Energy Management and Compliance (EMC)

Unstaffed Infrastructure
- Unstaffed Infrastructure Sustainment (UIS)
- IIJA Unstaffed Infrastructure Sust (UIS)
- Long Range Radar (LRR) Infrastructure Sustainment
- FAA Employee Housing & Life Safety Shelter System Services
- Real Property Disposition
- IIJA Real Property Disposition

ATCSCC

Enterprise Facilities Sustainment

NEMC

ARD 1473

CY	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	+

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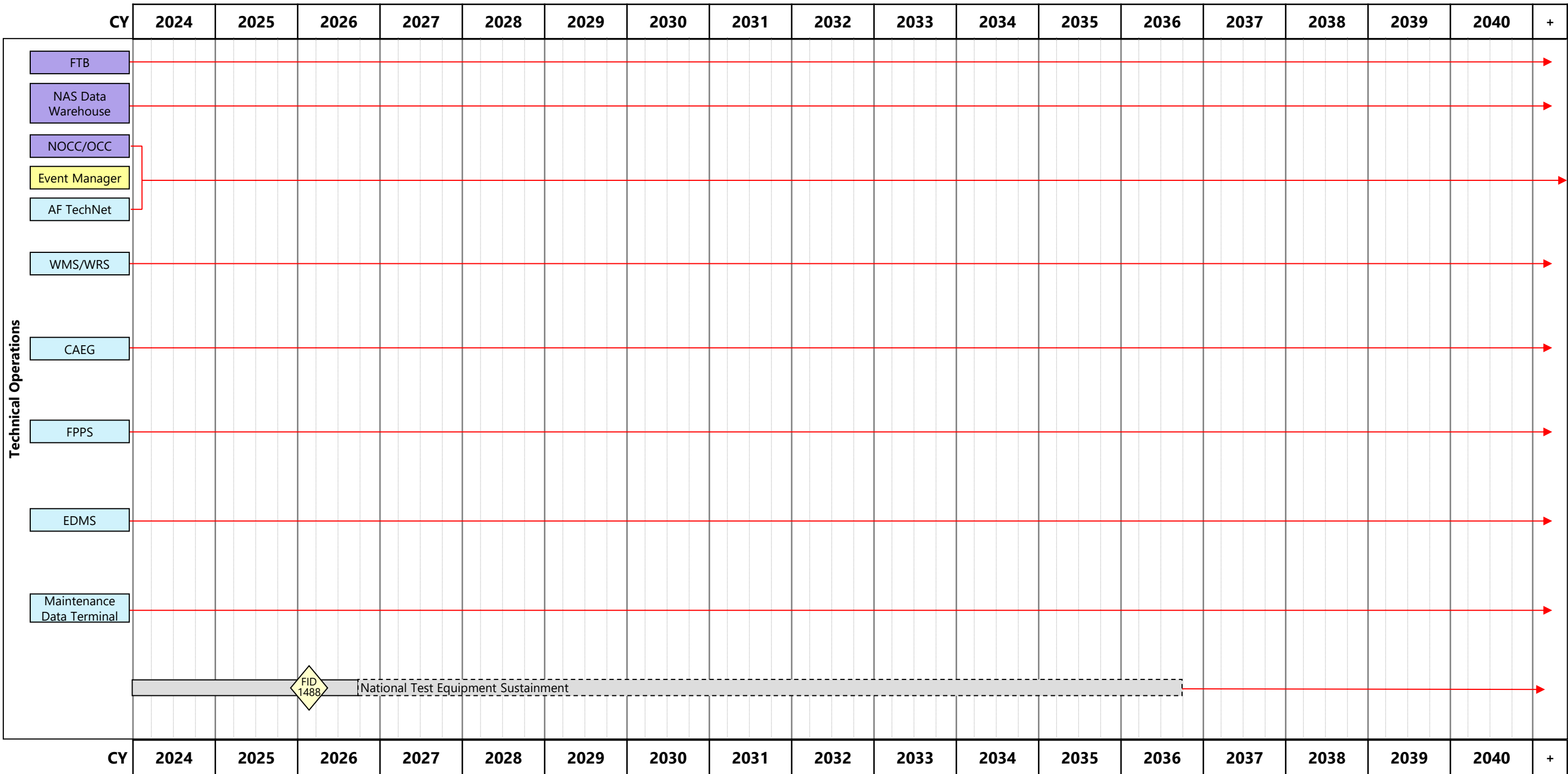
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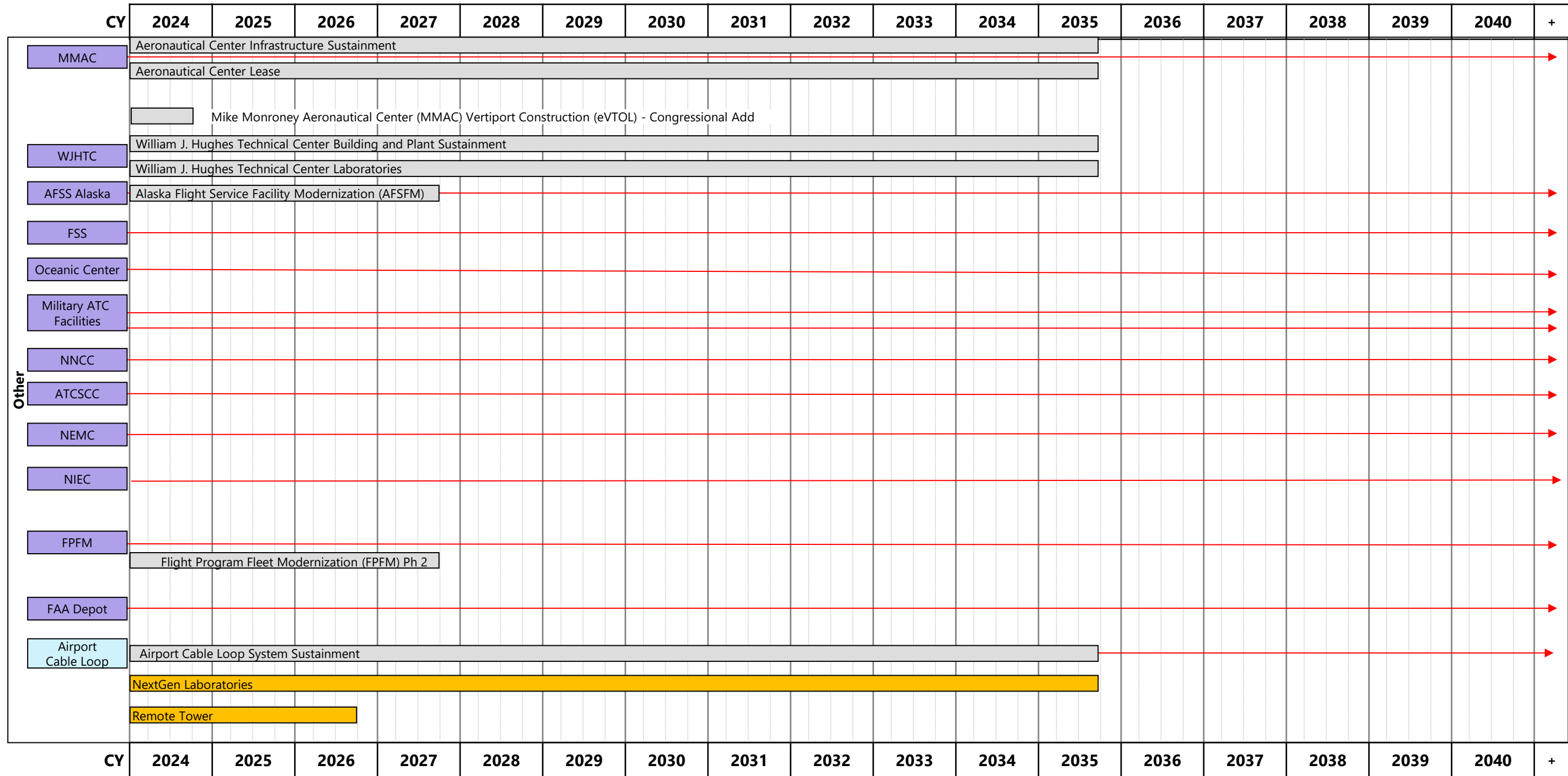
CY	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	+

En Route Replacement

ATCT/TRACON Replacement Portfolio

ATCT/TRACONs

ATCT / TRACON Replacement

IARD 1436

- Charlotte (CLT) ATCT
- Greensboro (GSO) ATCT
- Teterboro (TEB) ATCT
- Grand Forks (GFK) ATCT
- Charleston (CHS) ATCT
- Des Moines (DSM) ATCT
- Hillsboro (HIO) ATCT
- El Paso (ELP) ATCT
- San Jose (SJC) ATCT
- FID 1224 — Anchorage (ANC) ATCT/ TRACON
- Greenville-Spartanburg (GSP) ATCT
- Nashville (BNA) ATCT

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Technical Operations

- FTB
- NAS Data Warehouse
- NOCC/OCC
- Event Manager
- AF TechNet
- WMS/WRS
- CAEG
- FPPS
- EDMS
- Maintenance Data Terminal

FID 1488 — National Test Equipment Sustainment

CY	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	+

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Facilities Roadmap (5 of 5)

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Other

MMAC
- Aeronautical Center Infrastructure Sustainment
- Aeronautical Center Lease
- Mike Monroney Aeronautical Center (MMAC) Vertiport Construction (eVTOL) - Congressional Add

WJHTC
- William J. Hughes Technical Center Building and Plant Sustainment
- William J. Hughes Technical Center Laboratories

AFSS Alaska
- Alaska Flight Service Facility Modernization (AFSFM)

FSS

Oceanic Center

Military ATC Facilities

NNCC

ATCSCC

NEMC

NIEC

FPFM
- Flight Program Fleet Modernization (FPFM) Ph 2

FAA Depot

Airport Cable Loop
- Airport Cable Loop System Sustainment
- NextGen Laboratories
- Remote Tower

CY	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	+

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Facilities Roadmap: Assumptions

Identifier	Description
FAC-01	AJW-2 will need funding for any facilities or infrastructure projects to expand or improve a facility in preparation for a PMO program installation. Refurbish requirements at Large TRACONs and new facilities may be needed to support BA positions. AJW-2 should receive funding and requirements documentation at least 3 years in advance, preferably 4 years, to integrate the project into the Sustainment or New Investment portfolio workplan.
FAC-02	Projects within the Facilities Sustainment Portfolio that are estimated to cost over $50 million are assigned their own FID decision point.
FAC-03	Projects within the ATCT/ TRACON Replacement Portfolio that are estimated to cost over $160 million are assigned their own FID decision point.

DP #	Target Date CY	Primary Domain	Type	Name
1092	2027 Q2	Facilities	FID	Final Investment Decision (FID) for New York TRACON (N90) Sustainment
1224	2025 Q2	Facilities	FID	Final Investment Decision (FID) for Anchorage ATCT/TRACON Replacement
1436	2025 Q2	Facilities	IARD	Investment Analysis Readiness Decision (IARD) ATCT/TRACON Replacement Portfolio Phase 1
1473	2028 Q2	Facilities	IARD	Investment Analysis Readiness Decision (IARD) for the Facilities Sustainment Portfolio
1488	2026 Q1	Facilities	FID	Final Investment Decision (FID) for National Test Equipment Sustainment

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