

NAS Enterprise Architecture

Infrastructure Roadmaps v19.0



BASELINE

February 2025



Infrastructure Roadmap Overview

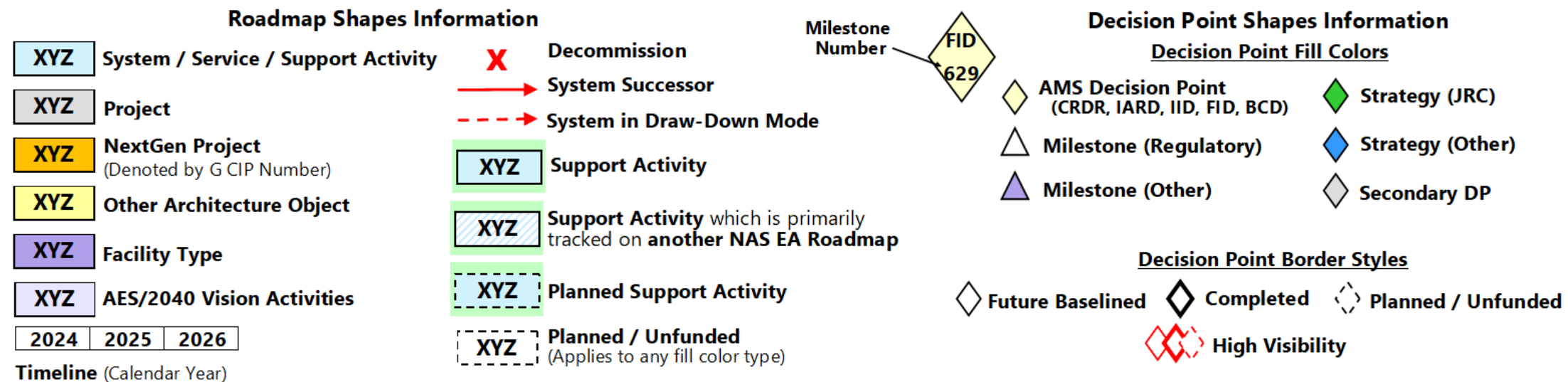
What are the Infrastructure Roadmaps?

- 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), 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

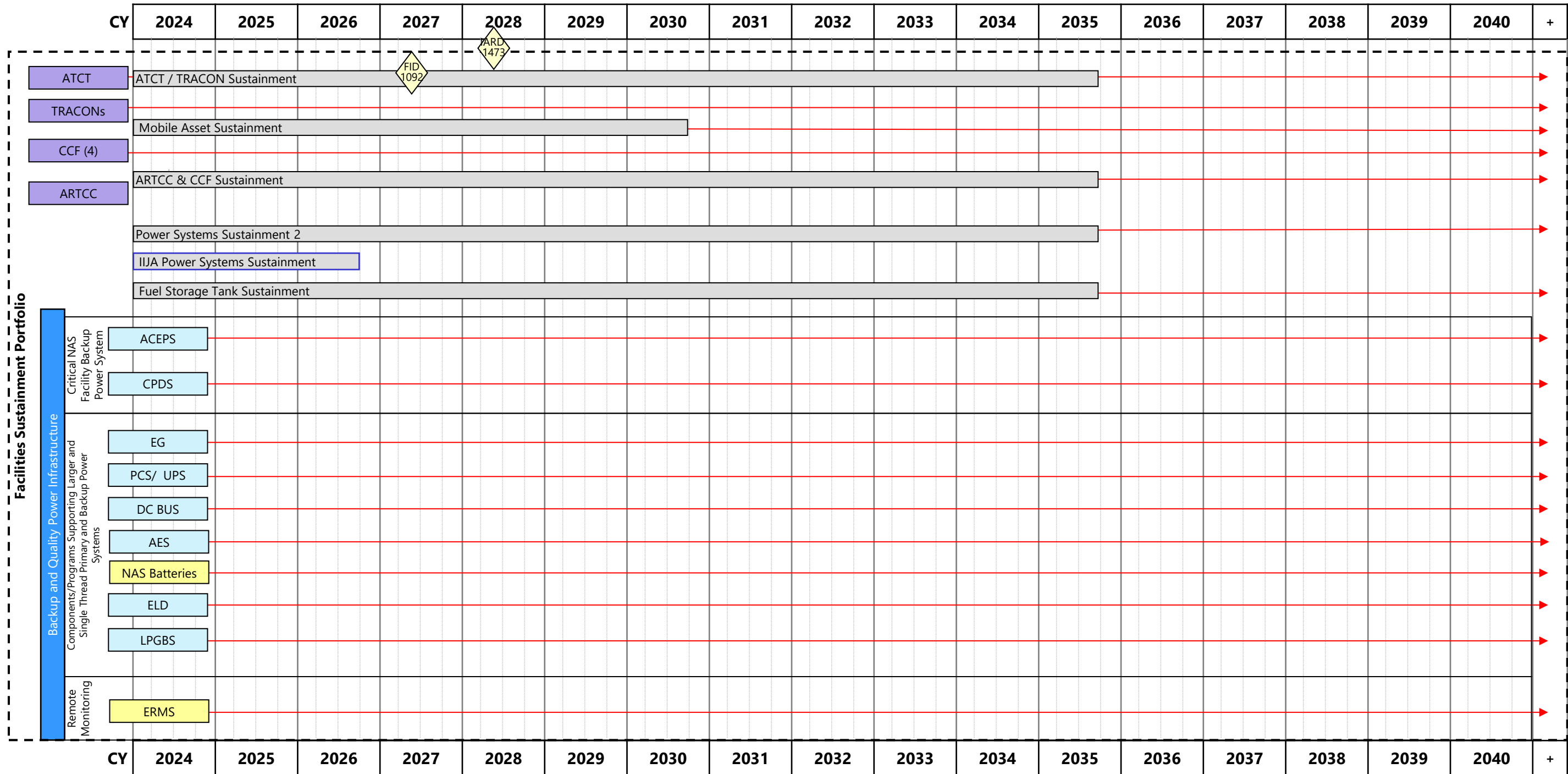


Facilities

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.

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

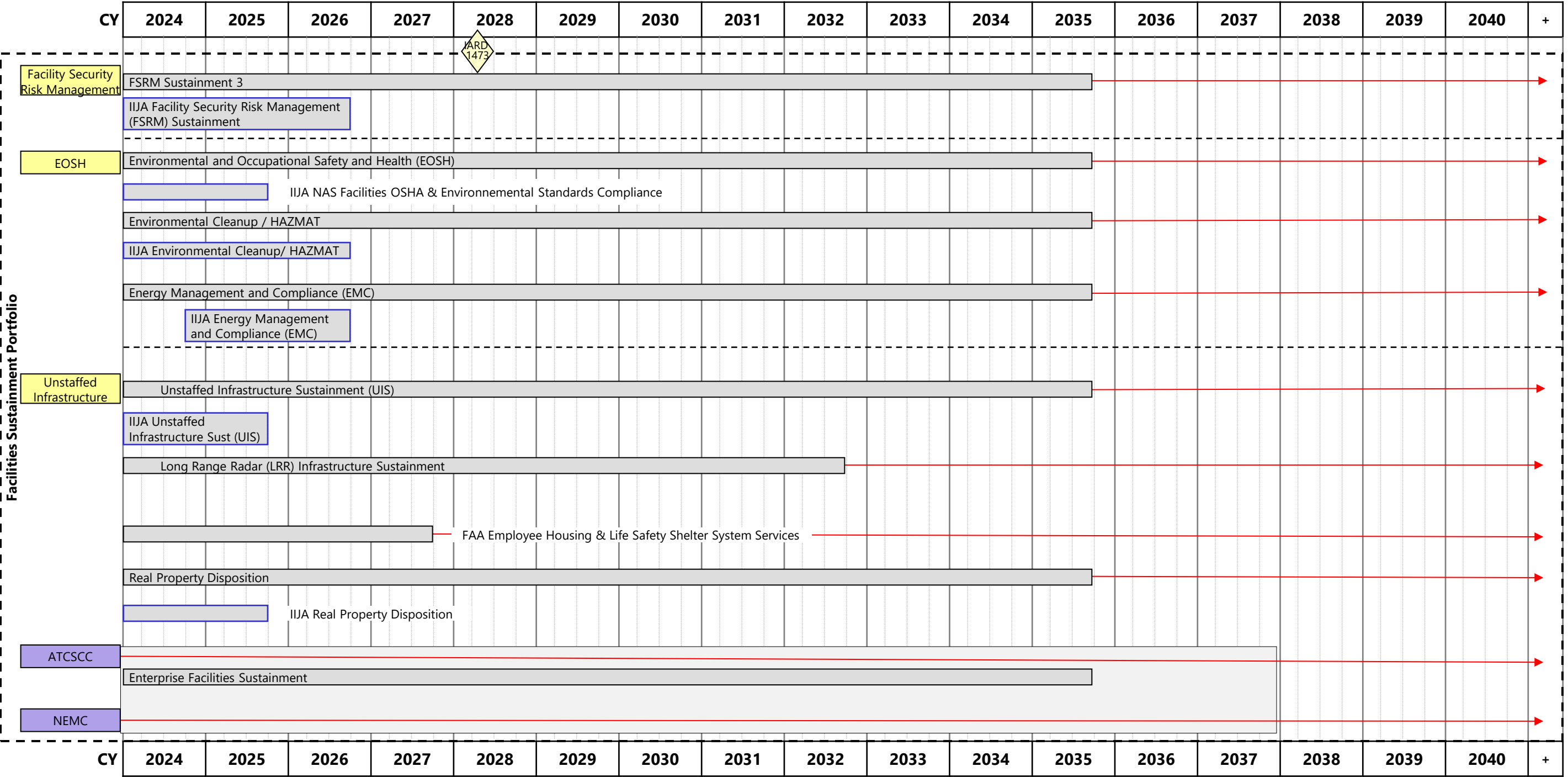
Facilities Roadmap (1 of 5)



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

Facilities Roadmap (2 of 5)



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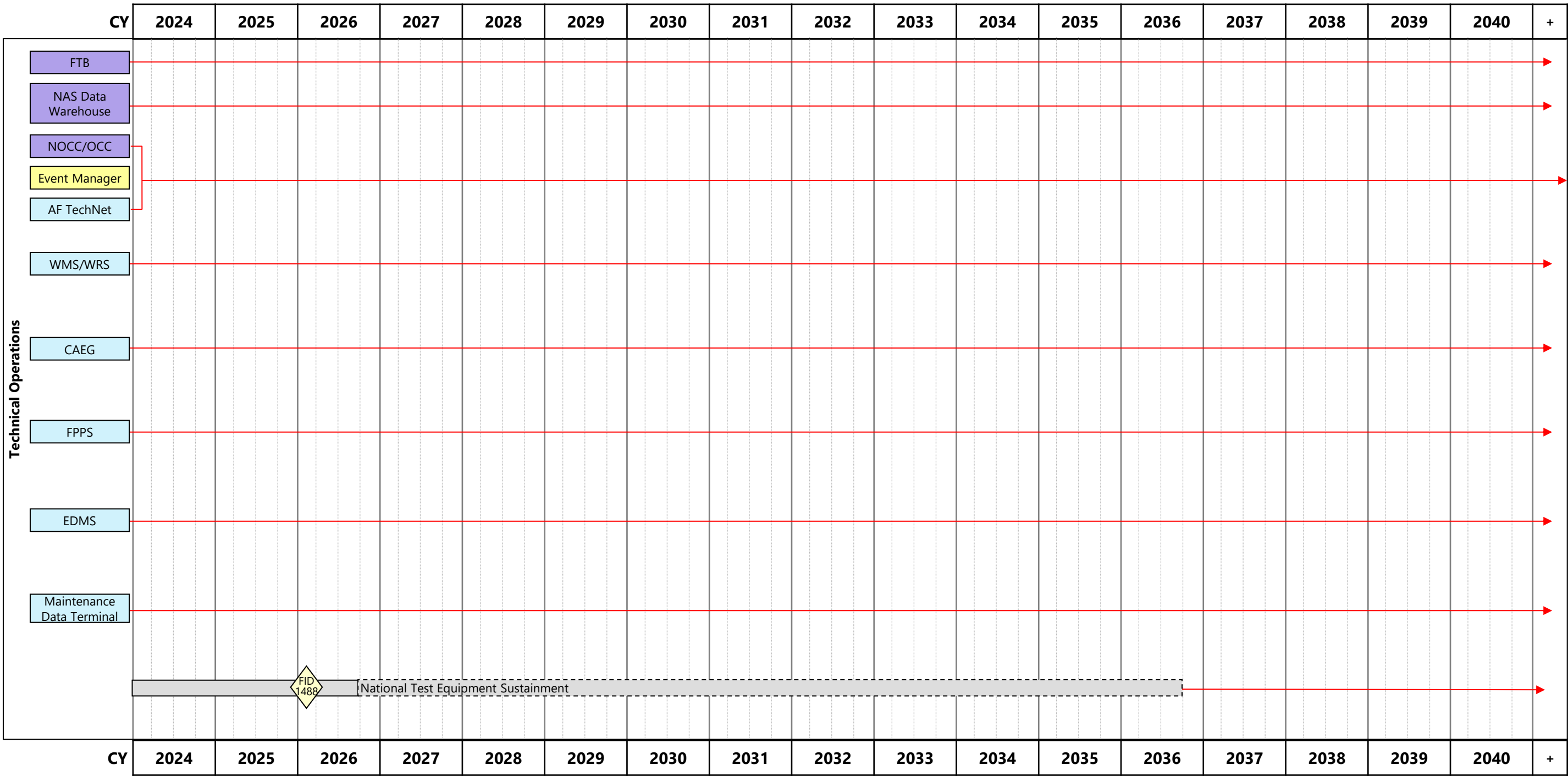
Items with a [blue outline](#) are lines of funding from the Infrastructure Investment & Jobs Act (IIJA), also known as the Bipartisan Infrastructure Law (BIL).

Facilities Roadmap (3 of 5)

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

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Facilities Roadmap (4 of 5)



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

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.

Facilities Roadmap: Decision Points (1 of 1)

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