

NAS Enterprise Architecture

Infrastructure Roadmaps v19.2



BASELINE

July 2025



Infrastructure Roadmap Overview

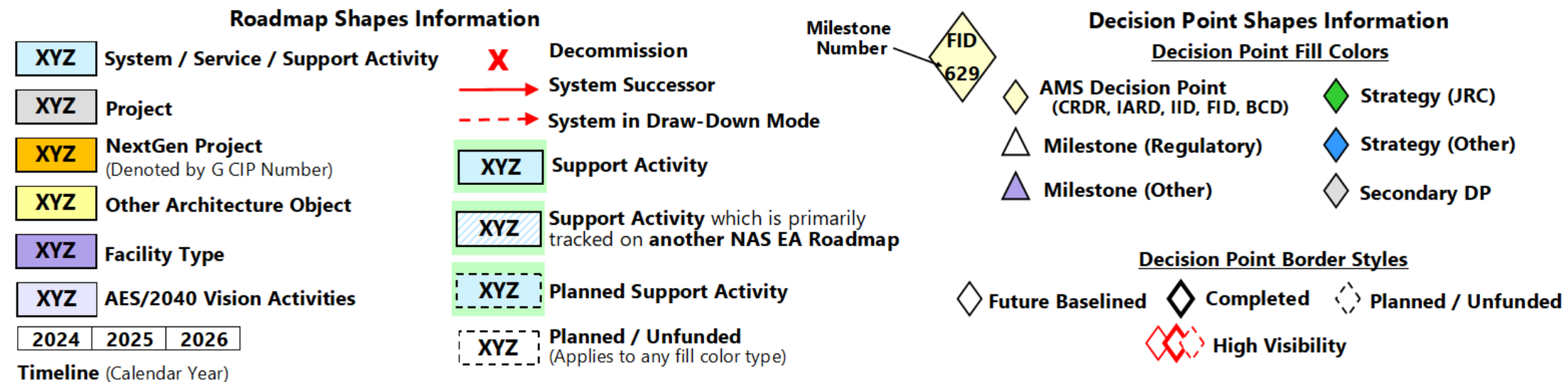
What are the Infrastructure Roadmaps?

- 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

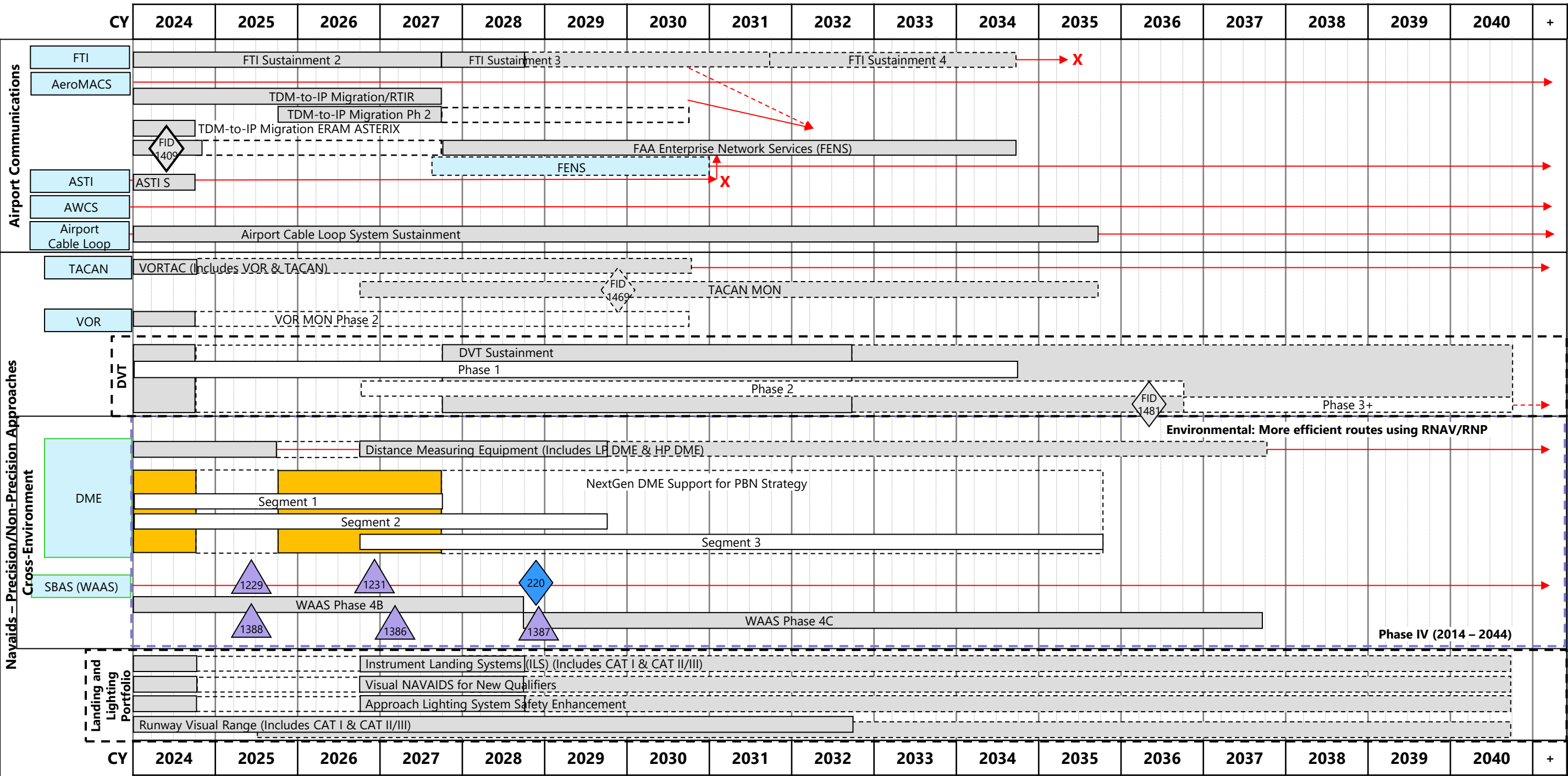
Infrastructure Roadmap Legend



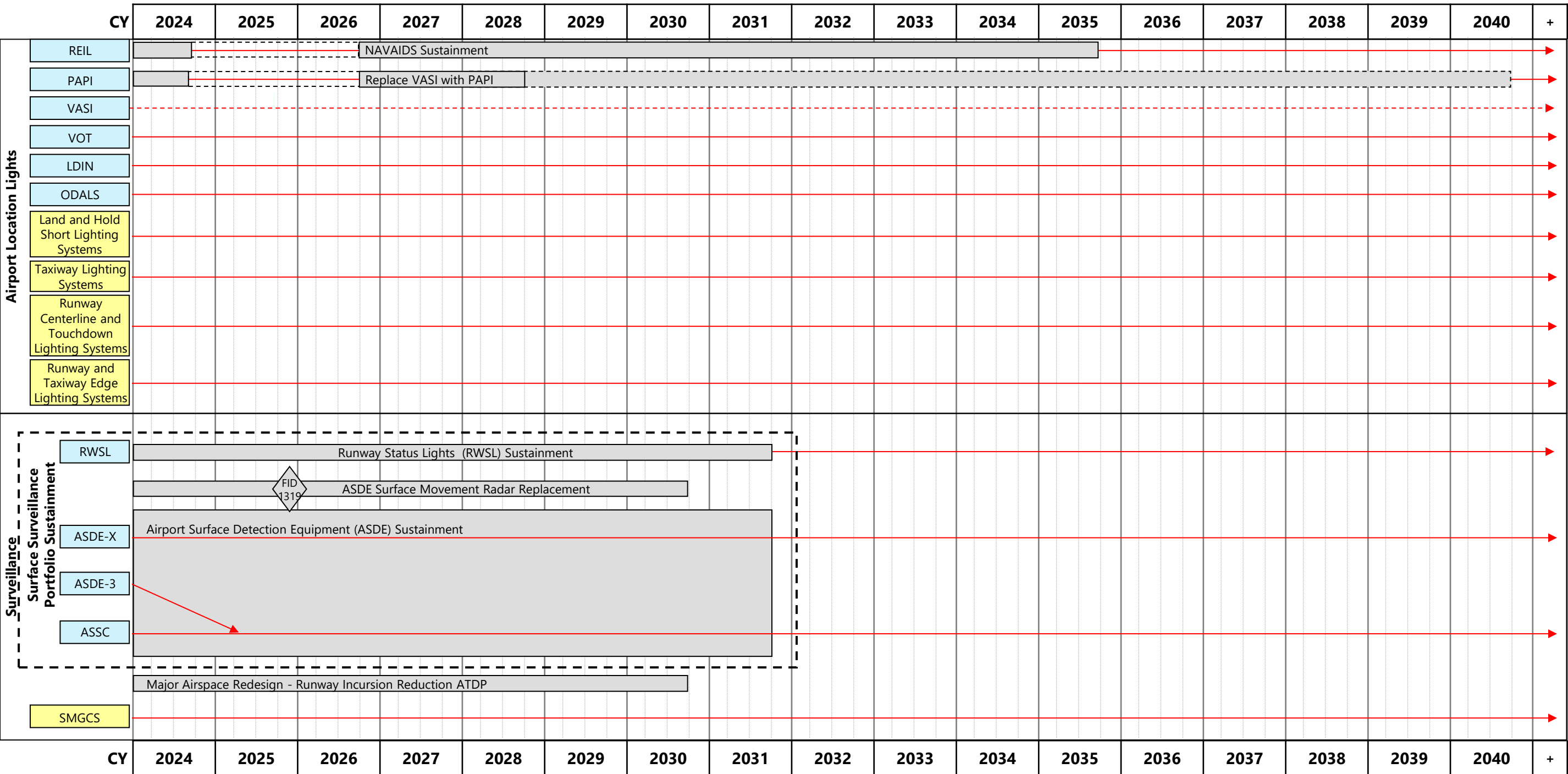
Airport

The Airport Roadmap identifies NextGen progression of services, procedures and systems in the airport environment.

Airport Roadmap (1 of 5)

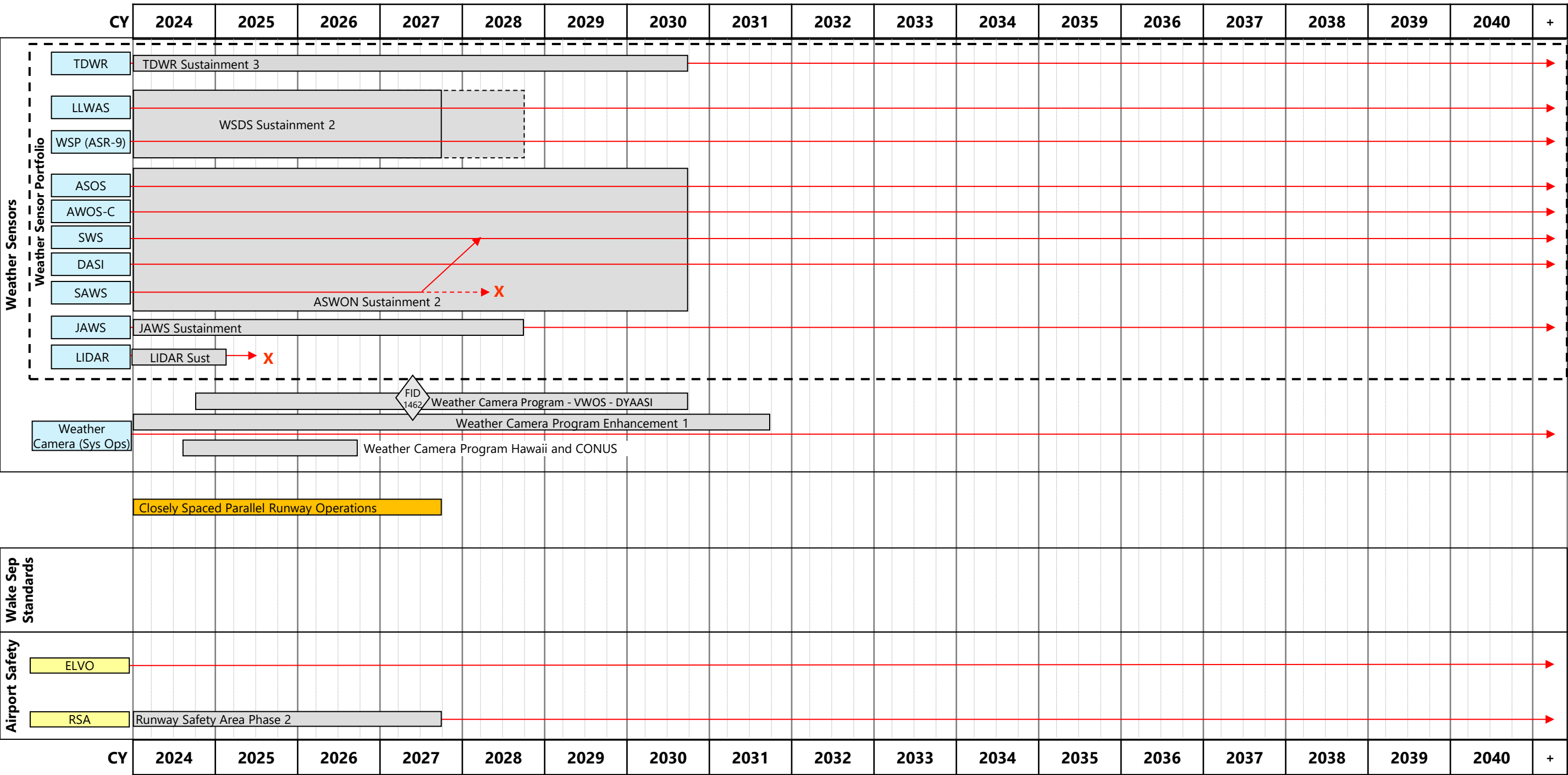


Airport Roadmap (2 of 5)

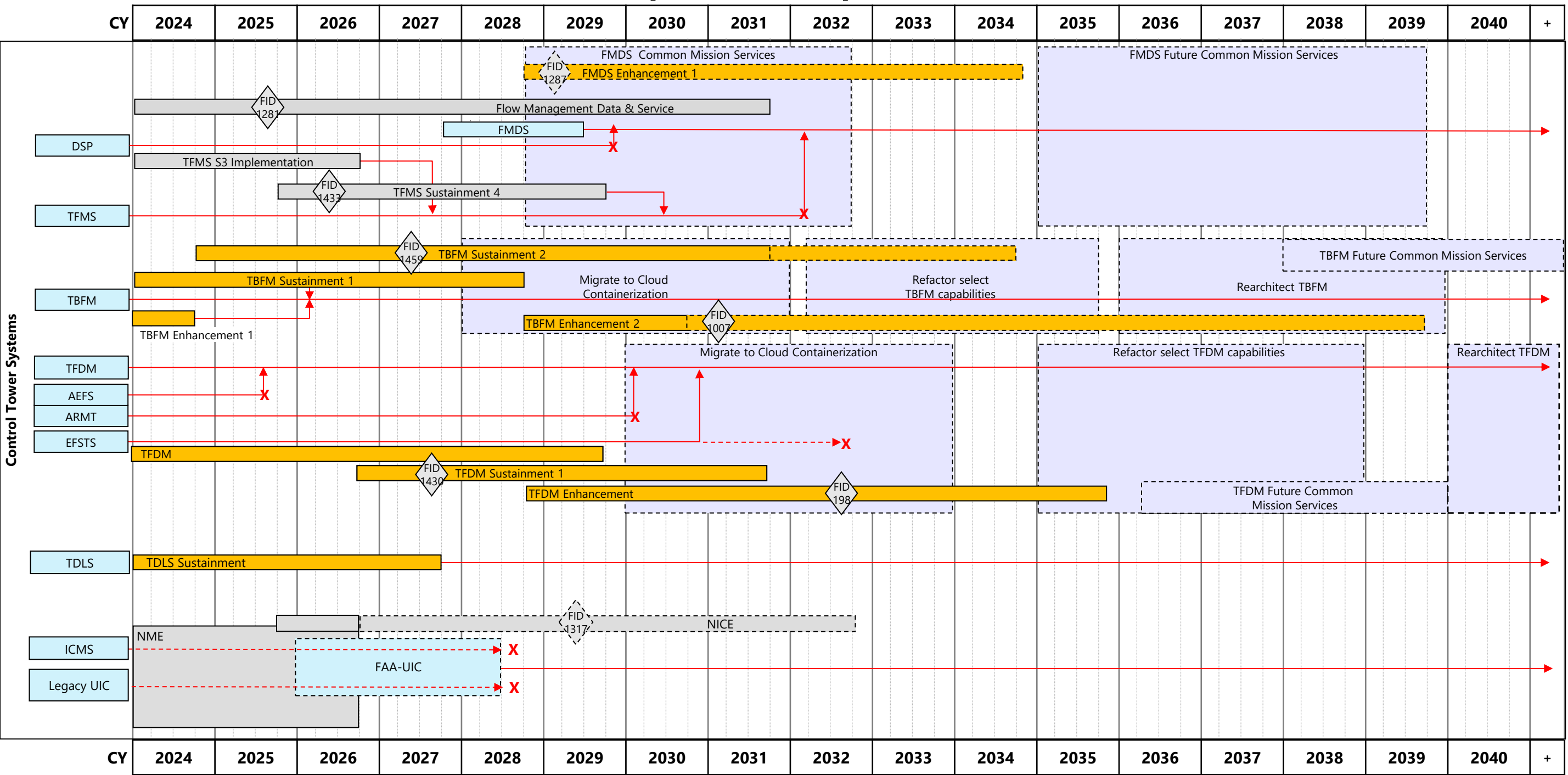


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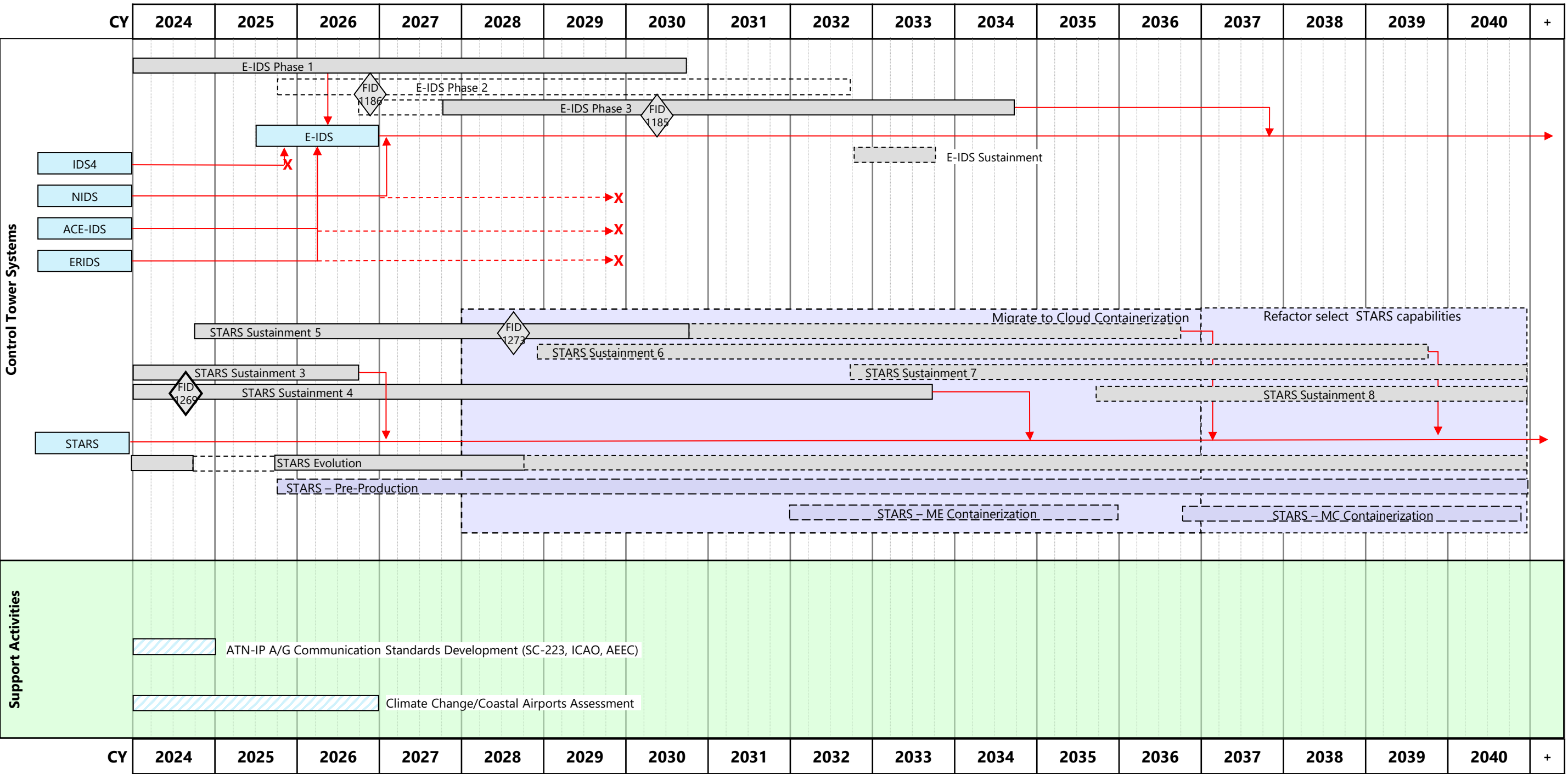
Airport Roadmap (3 of 5)



Airport Roadmap (4 of 5)



Airport Roadmap (5 of 5)



Airport Roadmap: Assumptions

Identifier	Description
APT-01	The Airports roadmap will focus on systems and services operating and being performed airside at medium/large Airports and does not include functions/infrastructure internal to the Airport (i.e., security, ground transportation, or baggage handling, etc.).
APT-02	This roadmap is used to provide an evolutionary overview of medium to large Airports and does not convey infrastructure or service implementation specific to an Airport.
APT-04	Majority of this roadmap's content has been pulled from other roadmaps (i.e., Comm, Surveillance, Weather, etc.) if it is in support of Airport Airside Operations.
APT-07	Although there are Non-Fed Navigational Aids (NAVAIDS) and facilities located as some Airports, they may not be depicted fully on the Airports Infrastructure Roadmap.
APT-08	All FTI sub-systems will be assumed by FENS once the TDM-to-IP migration is complete.