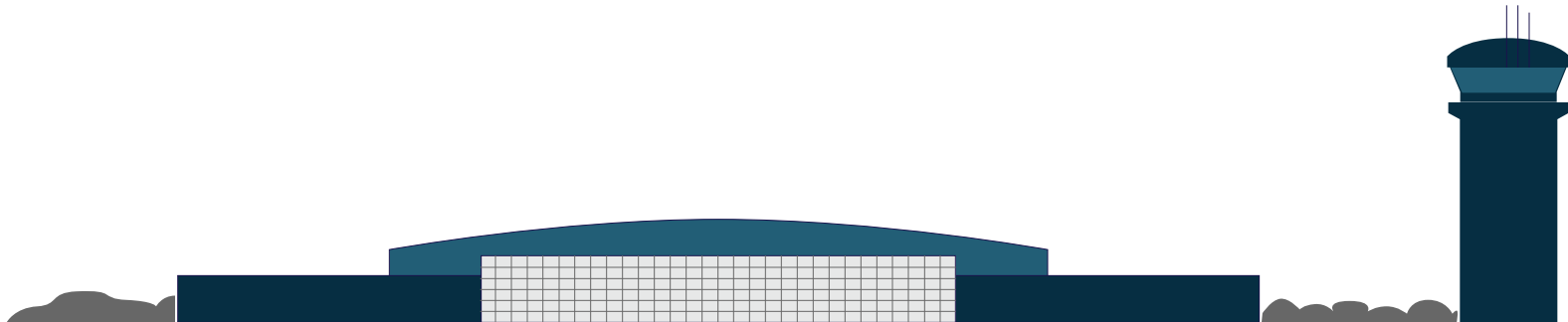


Cape Cod Gateway Airport

FY2023 CIP Presentation to
Town Council
May 5, 2022

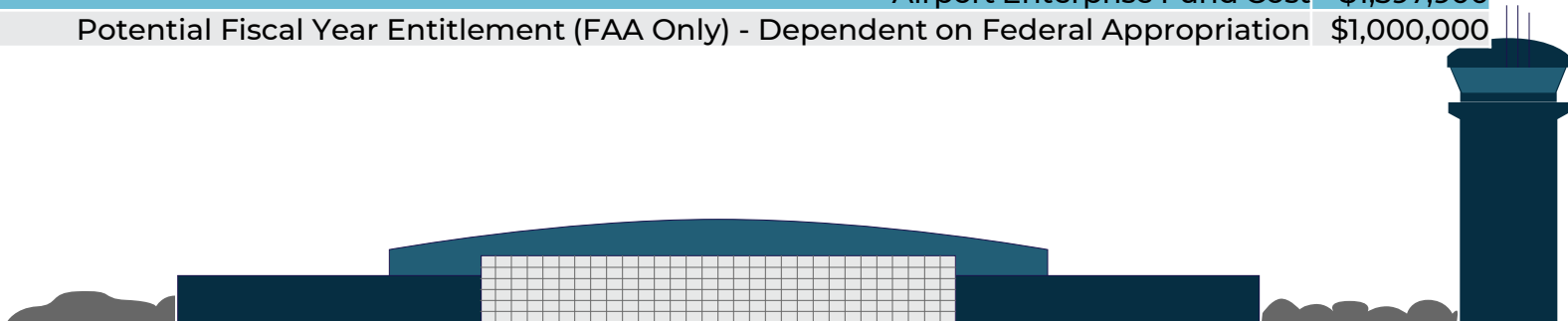


A.O. 2022-130 to 2022-133

→ Airport Enterprise Fund 5-year plan

→ See pages 2, 24, 46, 143-150 of the TOB Capital Budget & FY2023-FY2027 CIP Booklet

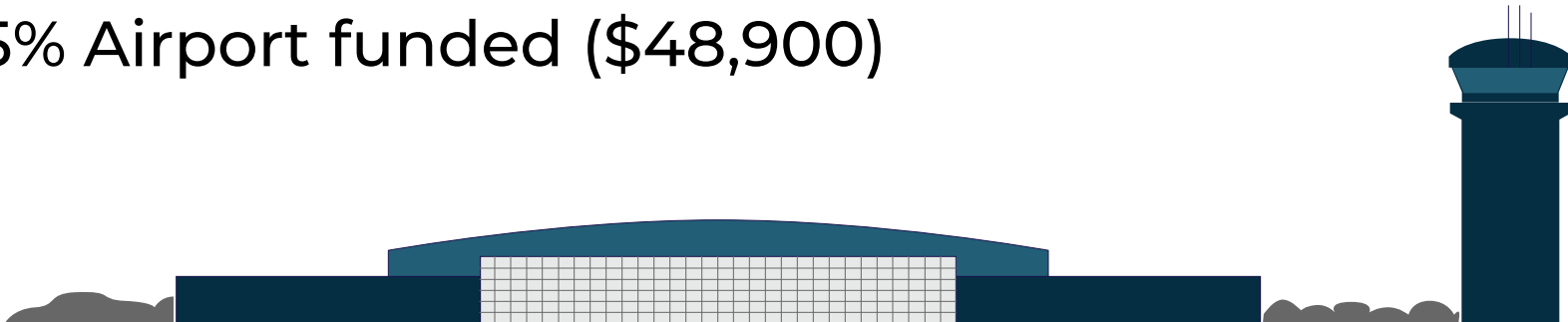
Project Number	Priority	Funding Sources				Project Title	FY2023 TOTAL
		FAA	MassDOT	CARES	Airport		
AIR-23-1	1	90%	5%	0%	5%	Replace 1992 ARFF Equipment	\$978,000
AIR-23-2	2	0%	0%	0%	100%	Reporting, Testing, Mitigation, Monitoring (PFOS Soils)	\$105,000
AIR-23-3	3	0%	0%	0%	100%	PFAS Mitigation Design and Implementation	\$1,004,000
AIR-23-4	4	0%	80%	0%	20%	Design & Construct Replacement of Mo-Gas and Diesel Fuel Tank & Generator	\$1,200,000
Projects Total Cost for Fiscal Year							\$3,287,000
Anticipated Grants (FAA)							\$880,200
Anticipated Grants (MassDOT)							\$1,008,900
Airport Enterprise Fund Cost							\$1,397,900
Potential Fiscal Year Entitlement (FAA Only) - Dependent on Federal Appropriation							\$1,000,000



Replace 1992 ARFF Equipment

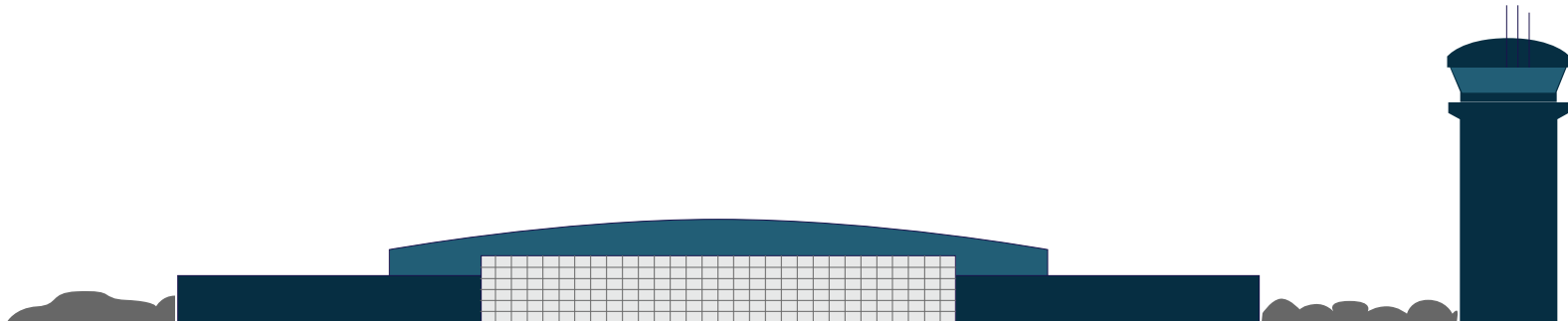


- This project is to replace the 1992 E-One Titan Aircraft Rescue and Firefighting vehicle
- Parts no long manufactured
- Response needs to be immediate
- Funding: \$978,000 (estimate July 2021)
 - 95% funded by FAA and MassDOT (\$929,100)
 - 5% Airport funded (\$48,900)



PFAS Monitoring

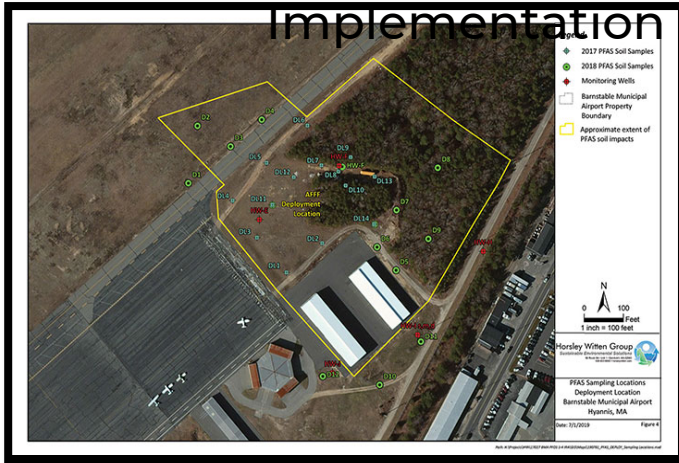
- Continue Reporting, Testing, Mitigation, Monitoring (PFOS Soils)
- Burning fuel from an aircraft accident relies on more than water to put out the flames. FAA requires airports to carry chemical agents that are effective in smothering fuels
 - Aqueous film-forming foams (ARFF)
- The same chemicals that make it effective for fighting fires are also linked to contamination in drinking water.
- Monitor and reporting capped sites
- Funding:
 - 100% Airport funded (\$105,000)



PFAS Monitoring (Cont.)



PFAS Mitigation Design and Implementation

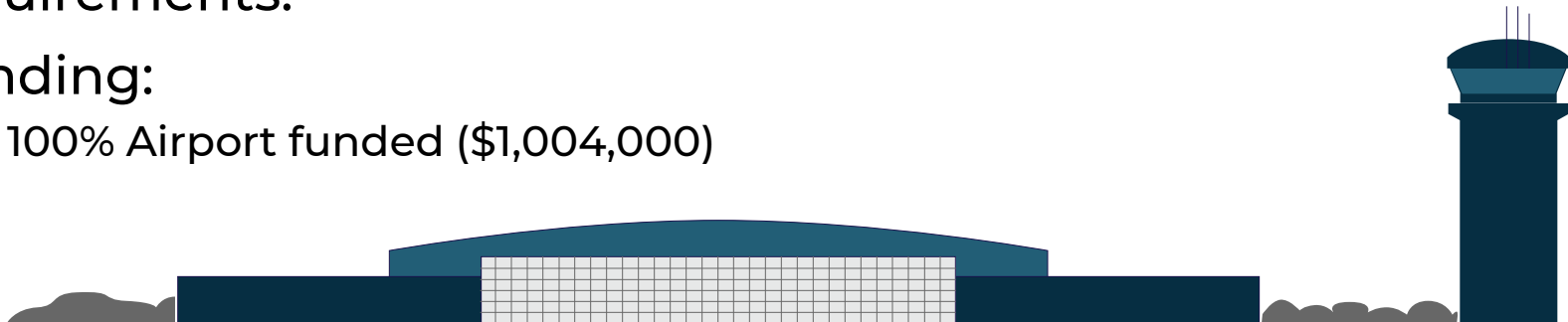


PFAS Mitigation Design and Implementation

- As part of response to the Massachusetts Department of Transportation (MassDEP) and the Massachusetts Contingency Plan 310CMR 40.0000 (MCP), various years have included phases of Reporting, Testing, Mitigation, and Monitoring (PFOS Soils).
- Phase IV of that program is being completed in this fiscal year.
- Following the Phase IV reporting is a plan for overall final design and implementation of the project necessary to meet Massachusetts Department of Environmental Protection (MassDEP) Bureau of Waste Site Cleanup requirements.

→ Funding:

- 100% Airport funded (\$1,004,000)



Replacement of Circa 1997 Mo-Gas and Diesel Fuel Tanks

- 1997 era Mo-Gas (low lead gasoline), Diesel fuel Con-Vault (concrete encased fuel tanks)
- Revenue is generated by tenant use of the fuel
- Funding: \$1,200,000 (estimate January 2022)
 - 80% funded by FAA and MassDOT (\$960,000)
 - 20% Airport funded (\$240,000)

