

SPACE LAUNCH DELTA 45

SPACEPORTS OF THE FUTURE THE INFRASTRUCTURE



UNITED STATES
SPACE FORCE

WORLD'S PREMIER GATEWAY TO SPACE



Program Scope & Intent

- The U.S. Space Force's Range of the Future 2028 Strategic Intent identified the requirement to increase launch posture over the next 10 years. Infrastructure must be improved to meet this new requirement.
- **Primary Goals:**
 - Range must be able to support launching EVERY day.
 - Range must be able to support multiple launches per day.
 - Range must eliminate all critical day restrictions.
 - Establish infrastructure redundancy and resiliency.
 - Reduce personnel impacts associated with launch and landing activities.
 - Quick execution projects by completing environmental planning upfront.
- **Previously Completed for SPotFi Execution:**
 - District Plans: Cape Canaveral Space Force Station & Patrick Space Force Base
 - Infrastructure Roadmap (IR)
 - Environmental Assessments (EA): Cape Canaveral Space Force Station & Patrick Space Force Base
 - Program Integration Team (PIT): Stood up 20-person office to execute program

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Program Execution

- Program of 83 projects initially funded at \$809M, now with an additional \$400M of MILCON construction.
- Over 187 individual contracts:
 - Charrettes, Design, and Construction
 - Each is individually developed, solicited, awarded and managed
- 56 contracts worth \$124M currently in progress
- FY26 FSRM program is in development; anticipated 32 contracts worth ~\$72M
- MILCON program includes 18 projects worth \$919M

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SPOTFI Roadmap in Execution



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COMPREHENSIVE PROJECT LIST											
CCSFS PROJECT LIST						CCSFS PROJECT LIST					
I	Replace Lift Stations, Multi	DBEH121690	FSRM	2024	In Construction	O	Relocate Weather Operations, B36001 & B36009	DBEH191508	FSRM	2025	In Construction
I	Repair Water Lines, MACA Area	DBEH151539	FSRM	2024	In Construction	O	Construct Consolidated Launch Support Facility - Phase 1	DBEH033000	MILCON	2027	In Design
I	Repair CCSFS Runway, B50305	DBEH171568	FSRM	2023	In Construction	O	Construct Consolidated Launch Support Facility - Phase 2	DBEH033001	MILCON	2027	In Design
I	Repair Roads and Parking	DBEH171710	FSRM	2024	Complete	O	Construct Consolidated Shop/Laboratory Facility - Phase 1	DBEH227755	MILCON	2027	In Design
I	Repair Optics Maintenance/Storage, B01606	DBEH101565	FSRM	2025	In Construction	O	Construct Consolidated Shop/Laboratory Facility - Phase 2	DBEH227784	MILCON	2027	In Design
I	Repair Fire Detection System, B54800	DBEH151579	FSRM	2025	In Construction	O	Construct Consolidated Storage/Warehouse Facility - Phase 1	DBEH227756	MILCON	2027	In Design
I	Repair Water Main, CCSFS South Boundary, B20701	DBEH181596	FSRM	2028	Project Development	O	Construct Consolidated Storage/Warehouse Facility - Phase 2	DBEH227786	MILCON	2027	In Design
I	Add/Alter Cooling Towers, Multi	DBEH227742	FSRM	2025	In Construction	O	Consolidated Base Support Complex	DBEH227773	MILCON	2028	In Design
I	Install Emergency Generator at Morrell Operations Center, B81900	DBEH227763	UMMC	2026	In Solicitation	O	Consolidated Launch Support Facility - Phase 3	DBEH033002	MILCON	2029	Project Development
I	Replace Lift Stations, Multi	DBEH131563	FSRM	2026	In Design	O	Consolidated Launch Support Facility - Phase 4	DBEH033003	MILCON	2029	Project Development
I	Repair Digitize Fire Alarm Monitoring Panels, Multi	DBEH141546	FSRM	2026	Project Development	O	Consolidated Shop/Laboratory Facility Phase 3	DBEH227785	MILCON	2029	Project Development
I	Renovate Hangar N, B01728	DBEH171581	FSRM	2026	Project Development	O	Consolidated Shop/Laboratory Facility Phase 4	DBEH251525	MILCON	2029	Project Development
I	Convert Power Distribution Line 'R-Line', Overhead to Underground, B21903	DBEH171619	FSRM	2026	Project Development	O	Consolidated Storage/Warehouse - Phase 3	DBEH227787	MILCON	2029	Project Development
I	Update Power Distribution SCADA, Multi	DBEH181527	FSRM	2026	Project Development	O	Consolidated Storage/Warehouse - Phase 4	DBEH227788	MILCON	2029	Project Development
I	Install Water Main, ICBM Rd	DBEH227740	MILCON	2026	Ready to Advertise						
I	Install Wastewater Force Main, ICBM Rd	DBEH227743	MILCON	2026	Ready to Advertise	U	Install Redundant Power Distribution at SWSA and SLC-46	DBEH227760	UMMC	2026	Ready to Advertise
I	Repair Electrical, Multi	DBEH227746	FSRM	2027	Project Development	U	Repair Communications Duct Bank, Phase 0	DBEH227759PA	FSRM	2024	In Design
I	Expand Power Distribution SCADA, Multi	DBEH227748	FSRM	2026	Project Development	U	Construct Communications Duct Banks, CCSFS	DBEH251705	MILCON	2028	Project Development
I	Replace Power Distribution Switches, Multi	DBEH227753	FSRM	2026	Project Development						
I	Modify Pump Station 3, B54939	DBEH227762	FSRM	2026	Project Development	PSFB PROJECT LIST					
I	Repair Water Main, NOTU Area, B20701	DBEH151538	FSRM	2027	Project Development	I	Repair Lift Station Holding Tank, B650	SXHT081127	FSRM	2024	In Construction
I	Repair Transformers, Multi	DBEH227745	FSRM	2026	Project Development	I	Install Wastewater SCADA, Multi	SXHT141029	FSRM	2025	In Construction
I	Install Redundant Power Distribution, Trident Wharf	DBEH227750	FSRM	2027	Project Development	I	Repair Generator, B650	SXHT141044	FSRM	2025	In Construction
I	Replace Generators at South Generator Plant, B81730	DBEH227752	FSRM	2027	Project Development	I	Convert Space for Airfield Lighting Vault, B802	SXHT001028	FSRM	2026	Project Development
I	Convert Power Distribution Line, S-Line, Overhead to Underground, B21903	DBEH227758	FSRM	2027	Project Development	I	Repair Emergency Power, SFS HQ, B1319	SXHT121092	FSRM	2027	Project Development
I	Renovations to Hangar AF	DBEH211553	FSRM	2027	Project Development	I	Repair Emergency Power, B425	SXHT141001	FSRM	2026	Project Development
I	Convert Unpaved Overruns CCSFS, B50305	DBEH227741	FSRM	2028	Project Development	I	Repair Water Distribution System, PSFB	SXHT181000	FSRM	2026	Project Development
I	Install Redundant Power Distribution, ICBM Rd	DBEH227761	MILCON	2028	In Charrette	I	Renovate Administrative Space, B423	SXHT221101	FSRM	2026	Project Development
I	Water Storage Tank-Admin Area	DBEH227780	UMMC	2028	In Charrette	I	Relocate Lift Station, B650	SXHT221103	FSRM	2028	Project Development
I	Water Storage Tank-Industrial Area	DBEH251512	UMMC	2028	In Charrette	D	Demolish Supply and Equipment Warehouse, B984	SXHT221107	FSRM	2027	Project Development
I	Long Term Infrastructure Model	DBEH251645	FSRM	2025	In Design						
						KSC PROJECT LIST					
L	Extend Lighthouse Rd	DBEH227765	FSRM	2025	In Construction	L	Repair 19.14 Radar Access Rd	KSOC221620	FSRM	2025	In Construction
L	Repair Titan III Rd	DBEH227766	FSRM	2025	In Construction	L	Replace Roy D Bridges Bridge (Study)	DBEH251645	FSRM	2025	In Design
L	Repair N Phillips Parkway Haul Route	DBEH227767	FSRM	2025	In Construction	I	Repair & Certify Weather Tower Fall Protection	KSOC211561	FSRM	2024	Complete
L	Extend Central Control Rd	DBEH227770	FSRM	2026	Project Development						
L	Repair S Phillips Parkway Haul Route	DBEH227768	MILCON	2027	Ready to Advertise	KEY					
L	Reconfigure South CCSFS Entry	DBEH227782	UMMC	2028	In Charrette	I	Reliable/Resilient Infrastructure				
L	Widen ICBM and Cape Roads	DBEH227764	MILCON	2028	In Charrette	U	Comm/Power Upgrades				
						D	Expand Developable Areas				
D	Relief Brides, Titan III Rd	DBEH227772	FSRM	2027	Project Development	O	Reduce Impacts to Neighboring Ops				
D	Consolidate Munitions Storage	DBEH227778	MILCON	2028	In Design	L	Increase Launch Logistics Capacity/Resilience				



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CAPE CANAVERAL SPACE FORCE STATION | SPACEPORT OF THE FUTURE
SPOFTI ACTIVE PROJECT LOCATION & STATUS MAP (10/07/2025)

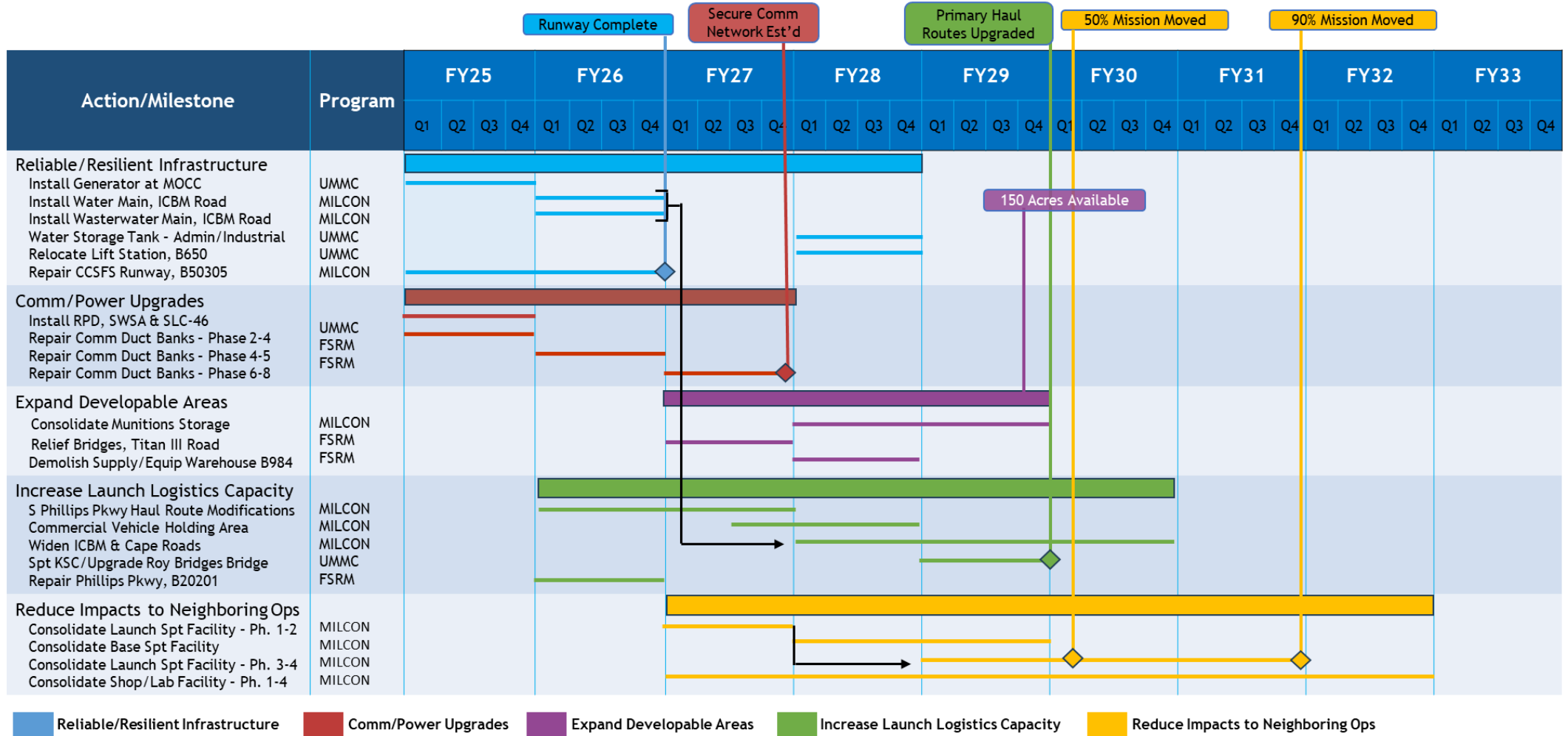




Milestones & Timelines



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SPACEPORTS
OF THE FUTURE  **PART** **II**



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Program Expansion



- To meet mission and industry needs, future program projects will proactively modernize critical infrastructure and enhance installation resiliency. This initiative will ensure sustainable and efficient support for the next two decades of range operations through strategic investments, environmental stewardship, and site consolidation.

Infrastructure & Logistics

Transportation Analysis
(Haul Routes, Road Impacts)

Utility Modernization
(Electrical, Water, Wastewater)

5-Year Facility Plan
(Roads, Roofing, Corrosion)

Key Capital Projects
(Roy Bridges Bridge, WWTP)

Operations & Resiliency

Launch Support Evaluation
(Cadence, Propellants, Noise/QD)

Range Modernization
(10-20 Year Equipment Plan)

Achieve Base Self-Sufficiency
(Power & Water Production)

Site & Environmental

Remote Site Consolidation
(Ascension & Florida)

Coastal Resiliency
(Beach Renourishment, Dunes)

Environmental Studies
(Launch Noise, Waterways)

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