



UNITED STATES
**AIR FORCE
ACADEMY**

USAFA 2050 Update

USAFA 2050

USAFA must **maintain**, **enhance**, and **advance** facilities to remain America's premier service academy, forging warrior leaders with the air, space, and cyber skills, knowledge, and experience to fight and win our Nation's wars

USAFA is an *Institution*...Not an Installation

USAFA is not a standard installation. It is a Force Generation Platform.

- **Military Training**
Leaders Ready for the Challenges of Tomorrow
- **Academics**
Air Force's Only 4-year Undergrad Research University
- **Athletics**
Div I Competition and Physical Training



The Problem: Cost Over Time

Challenge: USAFA was initially built 1955-1966 and is now 15 years beyond its 50-year design life. A combination of age, chronic underinvestment, and increasing frequent critical utility infrastructure failures have negatively impacted USAFA's mission and eroded its competitive edge.

- USAFA currently receives
↳ **~\$40M/year***
- Unpredictable underfunding
↳ **\$4.2B deferred projects**
- Short Band-Aid Fixes
(Symptom/Not Root Cause)
↳ **\$635M "Sustainment" projects**

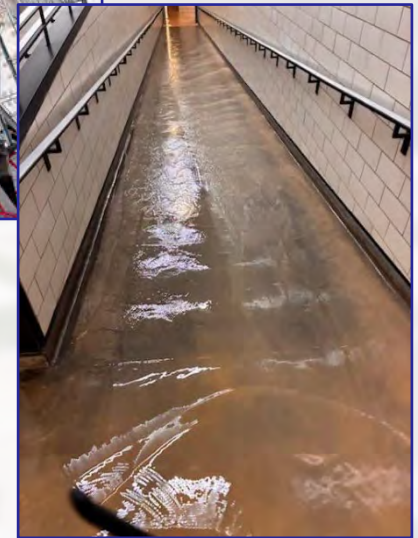
Sijan Hall:
50 Emergency
repairs/year



Chapel:
Renovation



Cadet Gym:
Pipes Burst



Aeronautics Lab:
Frozen Pipe Burst

*DeCentralized Sustainment Funds

The Institution

- Military Training
- Academics
- Athletics

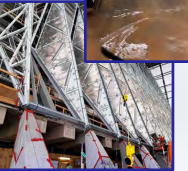


The Problem

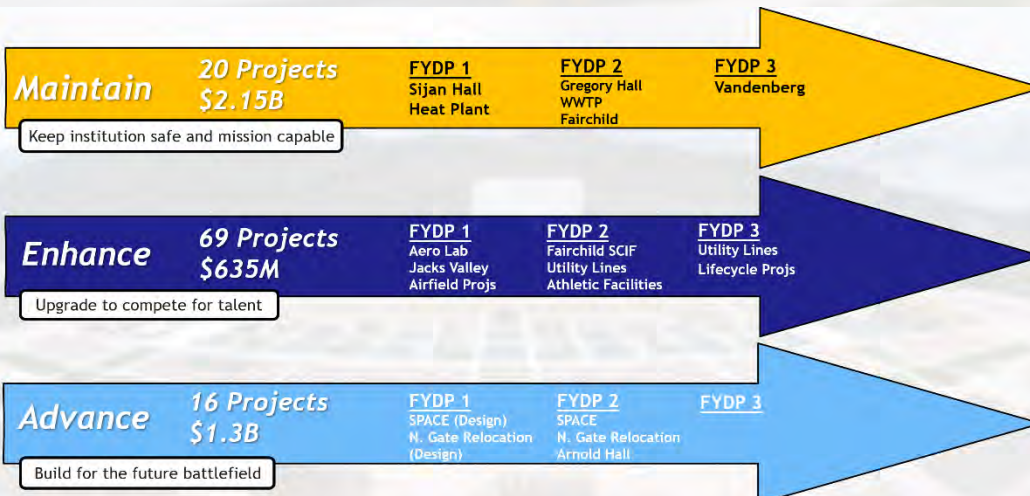
Challenge: USAFA was initially built 1955-1966 and is now 15 years beyond its 50-year design life. A combination of age, chronic underinvestment, and increasing frequent critical utility infrastructure failures have negatively impacted USAFA's mission and eroded its competitive edge.

- USAFA currently receives **≈\$40M/year***
- Unpredictable underfunding **\$4.2B deferred projs**
- Short Band-Aid Fixes **\$635M "Sustainment" projs**

**DeCentralized Sustainment Funds*



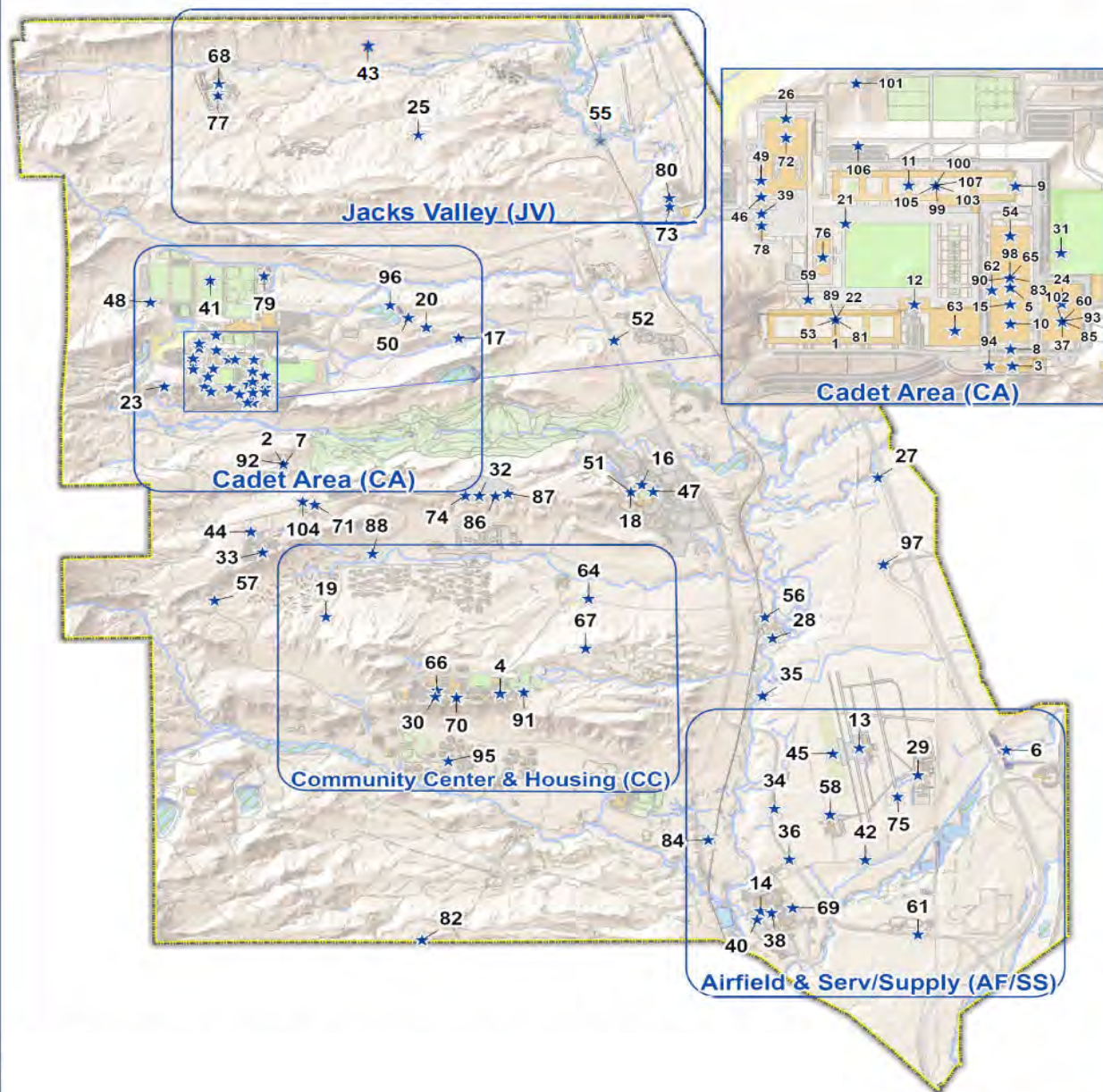
The Fix



The Vision

USAFA 2050 is what is needed to maintain our competitive edge and our status as America's premier service academy.





Legend:

MAJCOM Priority: Project Name Estimated Cost (Area Suffix)Program: **Red** = AFCEC CTO **Blue** = MILCON & UMMC **Green** = DFSRM**FY26** Approximate cost: \$144,347,693 - 1 project**1:** Rpr Sijan Hall Phase 1 \$144,347,693 (CA)**FY27** Approximate cost: \$226,323,821 over 20 projects**2:** Replace Boilers at Heat Plant \$12,510,712 (CA)**3:** Rpr Aeronautics Lab \$26,000,000 (CA)**4:** Rpr Dormitory Building 5223 \$28,162,095 (CC)**5:** Sust/Rpr AHUs - 3rd Floor Fairchild B2354 \$9,098,800 (CA)**6:** Rpr Kettle Creek Dry Dam \$19,399,000 (AF/SS)**7:** Rpl Expansion Tank - Heat Plant Bldg 2560 \$11,977,195 (CA) **8:**Rpr HTHW Piping Insulation - CA Tunnels \$32,798,000 (CA)**9:** Rpr Lighting to LED - Cadet Area \$5,000,000 (CA)**10:** Sust/Rpr Fairchild Secure Area \$26,000,000 (CA)**11:** Rpr Cadet Dorm Roof - Vandenberg Building \$6,665,400 (CA)**12:** Sust/Rpr Plaza Leaks - Mitchell Annex \$5,138,177 (CA)**13:** Sust/Rpr Airfield Pavements \$5,075,226 (AF/SS)**14:** Rpr Curtainwall-W Side 8110 \$2,769,003 (AF/SS)**15:** Rpr Fire Deficiencies - Fairchild Hall \$3,380,325 (CA)**16:** Rpr Visitor Locker Room - Falcon Stadium \$2,742,842 (CC) **17:**Const/Rpr Road - Parade Loop \$8,480,084 (CA)**18:** Rpr West Restrooms - Falcon Stadium \$7,091,075 (CC)**19:** Const/Rpr Road - Interior Dr. \$9,079,964 (CC)**20:** Sust/Rpr Non-Pot Mains Resv 3 \$2,955,923 (CA)**21:** Sust/Rpr ARP \$2,000,000 (CA)**FY28** Approximate cost: \$200,612,008 over 9 projects.**22:** Rpr Sijan Hall Phase 2 \$160,799,072 (CA)**23:** Rpr Visitor Center for USAFA Band \$15,000,000 (CA)**24:** Rpr Gregory Hall Heat Exchangers \$3,407,829 (CA)**25:** Jacks Valley Revitalization \$10,000,000 (JV)**26:** Arnold Hall Revitalization - Student's Union \$5,000,000 (CA) **27:**Well 9A Replacement \$3,851,107**28:** Repair Sewer Lines \$300,000**29:** Sust/Rpr Aero Club Apron & Taxiway \$1,674,000 (AF/SS)**30:** Rpr Fire Suppression System - Bldg. 5130 \$580,000 (CC)**FY29** Approximate cost: \$424,873,773 over 22 projects.**31:** Space Education Center \$320,000,000 (CA)**32:** Rpr Lighting to LED - Basewide \$5,000,000**33:** Elevator Project - Multiple Facilities \$4,300,000**34:** Sust/Rpr Non-Pot Mains S Gate Blvd & S/S \$6,100,000 (AF/SS)**35:** Sust/Rpr Non-Pot Mains to Wells 1A&B, 9A \$6,100,000**36:** Sust/Rpr Academy Dr. \$3,000,000 (AF/SS)**37:** Rpr Gregory Hall, Bldg 2355 Phase 1 \$16,337,257 (CA)**38:** Rpr Interior Reconfigs - Bldg 8110 \$7,904,852 (AF/SS)**39:** Rpr Heat Pumps - Harmon Hall \$9,079,964 (CA)**40:** Sust/Rpr Sanitary Sewer - Serv/Supply \$3,573,924 (AF/SS) **41:**Sust/Rpr Non-Pot Water Mains - CA \$6,381,856 (CA)**42:** Const Davis Airfield Perimeter Fence \$2,845,920 (AF/SS)**43:** North Boundary Land Acquisition \$10,000,000 (JV)**44:** Utility Metering Basewide \$5,000,000**45:** Rpr Sailplane Landing Area \$9,000,000 (AF/SS)**46:** Sust/Rpr Roof Plaza Deck - Harmon Hall \$1,500,000 (CA) **47:**Elevator Project - Multiple Facilities \$2,000,000 (CC)**48:** Sust/Rpr Non-Pot Force Main (NWPFF) \$1,100,000 (CA)**49:** Sust/Rpr Glass Tile - Harmon Hall \$1,000,000 (CA)**50:** Sust/Rpr Potable Water Line - Res #3 (PWJF) \$1,700,000 (CA)**51:** Rpr West Curtainwall - Stadium \$1,750,000 (CC)**52:** Upgrade Streetlight Conduit & Wiring Basewide \$1,200,000**FY30** Approximate cost: \$301,348,175 over 7 projects.**53:** Rpr Sijan Hall Phase 3 \$176,051,200 (CA)**54:** Rpr Library - Fairchild \$54,000,000 (CA)**55:** Sust/Rpr Non-Pot Mains N Gate Rd & Well 2B \$5,100,000 (JV)**56:** Wastewater Treatment Plant \$60,000,000**57:** Sust/Rpr Potable Water Line West (PWFE) \$3,101,564**58:** Const Storm Drainage - Paratroop Zone \$1,295,832 (AF/SS)**59:** Const HTHW Loop - Sijan to Harmon Hall \$1,799,579 (CA)**FY31** Approximate cost: \$158,162,260 over 20 projects.**60:** Rpr Gregory Hall, Bldg 2355, Phase 2 \$29,175,604 (CA)**61:** Sust/Rpr South Gate Blvd. \$2,585,540 (AF/SS)**62:** Sust/Rpr Plaza Leaks - Fairchild Hall \$11,638,000 (CA)**63:** Rpr Ceiling/Fire Sup Mitchell Dining Rm \$16,341,743 (CA)**64:** Sust/Rpr Sanitary Sewer-Central USAFA \$3,101,564 (CC)**65:** Sust/Rpr Roof Sections G-J - Fairchild \$3,218,965 (CA)**66:** Rpr Bowling/Cmty Ctr Storefront \$11,577,184 (CC)**67:** Sust/Rpr W Main - Pot Res #3 to Svc Area \$3,016,993 (CC)**68:** Rpr Stormwater-CATM \$2,000,806 (JV)**69:** Rpr Lighting to LED - CE Bldg 8120 \$2,409,066 (AF/SS)**70:** Sust/Rpr Sanitary Sewer-Cmty Ctr Area \$3,884,271 (CC)**71:** Sust/Rpr Pot Water Academy & Int Dr (PWFK) \$4,921,596**72:** Rpr Arnold Hall \$35,014,305 (CA)**73:** Sust/Rpr North Gate Blvd. \$3,565,143 (JV)**74:** Sust Academy Drive \$2,332,605**75:** Const Runway Expansion \$9,057,000 (AF/SS)**76:** Cadet Chapel Companion \$10,000,000 (CA)**77:** Rpr by Enclosing Firing Points- Rifle Range \$2,656,574 (JV)**78:** Rpr Chillers - Harmon Hall B2304 \$1,000,000 (CA)**79:** Rpr Outdoor Track Surface \$665,301 (CA)**FY32** Approximate cost: \$379,230,201 over 5 projects.**80:** North Gate Relocation \$45,000,000 (JV)**81:** Rpr Sijan Hall Phase 4 \$189,158,762 (CA)**82:** Rpr Perimeter Fence \$13,491,984**83:** Renovate Fairchild Hall Phase 1 \$130,000,000 (CA)**84:** Rpr Pot W Line-Willow Hse to Svc Area \$1,579,455 (AF/SS)**FY33** Approximate cost: \$143,000,925 over 3 projects.**85:** Rpr Gregory Hall, Bldg 2355, Phase 3 \$10,000,925 (CA)**86:** Sust/Rpr Pot Irrigation Lines Basewide \$33,000,000**87:** Sust/Rpr Boilers to Buildings \$100,000,000**FY34** Approximate cost: \$446,183,196 over 3 projects.**88:** Cons New Child Development Center \$44,000,000 (CC)**89:** Rpr Sijan Hall Phase 5 \$272,183,196 (CA)**90:** Renovate Fairchild Hall Phase 2 \$130,000,000 (CA)**FY35** Approximate cost: \$196,931,991 over 6 projects.**91:** Prep School Academic Facility \$75,000,000 (CC)**92:** Decentralize Heat Plant \$100,000,000**93:** Rpr Gregory Hall, Bldg 2355, Phase 4 \$15,631,991 (CA)**94:** Sust/Rpr Cooling Towers West Aero Lab \$3,000,000 (CA)**95:** Sust/Rpr Roads Pine Valley \$1,200,000 (CC)**96:** Sust/Rpr Non-Pot 3 Drainage Channel \$2,100,000 (CA)**FY36** Approximate cost: \$1,030,000,000 over 4 projects.**97:** Third Perimeter Gate \$600,000,000**98:** Renovate Fairchild Hall Phase 3 \$130,000,000 (CA)**99:** Renovate Vandenberg Hall Phase 1 \$150,000,000 (CA)**100:** Renovate Vandenberg Hall Phase 2 \$150,000,000 (CA)**FY37** Approximate cost: \$219,686,037 over 3 projects.**101:** New Large Scale Dorm \$45,000,000 (CA)**102:** Rpr Gregory Hall, Bldg 2355, Phase 5 \$24,686,037 (CA)**103:** Renovate Vandenberg Hall Phase 3 \$150,000,000 (CA)**FY38** Approximate cost: \$164,000,000 over 2 projects.**104:** Const Emergency Operations Center \$14,000,000**105:** Renovate Vandenberg Hall Phase 4 \$150,000,000 (CA)**FY39** Approximate cost: \$185,000,000 over 2 projects.**106:** New Consolidated Auditorium \$35,000,000 (CA)**107:** Renovate Vandenberg Hall Phase 5 \$150,000,000 (CA)**Total number of projects: 107**

Master Plan Schedule

■ NDAA 2850 - Master Planning

■ Installation Development Plan

- District and Component Plans meets NDAA 2850 planning requirement

■ Cost: \$726.5K (awarded 8 Apr 26)

■ ECD: ~Sep 27 NDAA Susp

Master Plan Schedule

