

**FY00 SAFETY, CAPACITY, MAINTENANCE AND MAJOR REPAIRS (SCMMR)
\$11.798M PLAN**

Category & Description		Gaithersburg	Boulder	Total	Comments
Architectural Repairs/Replacements					G - Gaithersburg B - Boulder
1	Architectural Repairs/Replacements	\$200,000	\$325,000	\$525,000	G -Interior upgrading and painting to GPLs and selected out buildings B -Interior upgrades and painting in buildings 1 and 2, primarily areas impacted by the vacating of space previously occupied by NOAA, includes doors, windows, ceiling and floor tile, walks and docks.
2	Architectural Studies	\$200,000		\$200,000	G - Long range master planning and studies.
3	Architectural Upgrades to NIST Annex	\$100,000		\$100,000	G - Continued improvements/ upgrades to Bldg. 530.
4	Roof Repairs	\$100,000	\$500,000	\$600,000	G -General roofing maintenance and repair; B -Building 1, wings 1&2, Building 2 areas b and 3c, and building 24 roof replacement.
		\$600,000	\$825,000	\$1,425,000	
Conveying System Repairs/Replacements					
5	Site Elevator Upgrades (Controls and Hydraulics)	\$450,000	\$100,000	\$550,000	G -Hydraulic elevator renovation/upgrade in Bldg 245 and 304 B -Repair/upgrade to Bldg 1 wing 5 light freight elevator.
		\$450,000	\$100,000	\$550,000	
Central Utility Plant Expansion/Replacements/Upgrades					
6	Central Air Compressor Replacement	\$500,000		\$500,000	G - Replacement reciprocating machines with rotary screw compressors.
		\$500,000	\$0	\$500,000	
Civil and Site Environmental Repairs/Replacements/Upgrades					
7	Environmental/Ecological Health and Safety Remediation	\$50,000		\$50,000	G - Site stormwater run-off repairs and improvements and reforestation.
8	Road Repairs	\$50,000	\$300,000	\$350,000	G - Miscellaneous road repairs to main campus; B - General repaving and repair of site asphalt roads and parking lots part of multi-year project.
		\$100,000	\$300,000	\$400,000	
Energy Conservation Projects					
9	Energy Conservation Projects	\$800,000		\$800,000	G - Control and HVAC management modifications to Bldg. 101 and GPL A/C systems.
		\$800,000	\$0	\$800,000	
Exhaust and Air Filtration System Repairs/Replacements					
10	Duct Cleaning	\$300,000		\$300,000	G - Selective cleaning of GPL HVAC duct systems.
11	Bldg 235 Rad-Waste Exhaust System	\$250,000		\$250,000	G - Exhaust system required to meet code for underground confined spaces.
		\$550,000	\$0	\$550,000	

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Handicap Accessibility Projects					
12	Site Accessibility Projects	\$200,000	\$100,000	\$300,000	G -Selected accessibility projects in conformance with ADA masterplan; B - Construction of Bldg. 2 access ramp.
		\$200,000	\$100,000	\$300,000	
Hazardous Materials Projects					
13	Hazardous Material Removal	\$600,000	\$600,000	\$1,200,000	G -Includes Bldg. 101 Green Auditorium asbestos removal; B -Asbestos abatement, lead based paint assessment/removal and radon testing to support site projects.
14	Asbestos Abatement	\$283,000	\$316,000	\$599,000	G - Abatement to facilitate routine maintenance and repair projects; B -Abatement to facilitate routine maintenance and repair projects.
		\$883,000	\$916,000	\$1,799,000	
Mechanical-Electrical System Replacements/Upgrades					
15	Aging-Bldg. Mechanical, Heating and Cooling Systems	\$500,000	\$250,000	\$750,000	G -Ongoing replacement of building HVAC systems, piping and control systems; B - Ongoing repair/replacement of site mechanical systems' infrastructure including replacement of compressed air systems components in Bldg. 1,2,3 fan coils, steam and chilled water coils, sewer pipe, and cooling tower.
16	Aging-Bldg. Electrical Systems	\$400,000	\$225,000	\$625,000	G -Ongoing replacement of building power distribution, lighting, and signal systems; B -Ongoing repair/upgrade of site power distribution systems to meet current code requirements and improve systems reliability.
17	Bldg. Switchgear and Transformer Replacements	\$300,000		\$300,000	G - Selected replacement of high maintenance GPL and out building switchgear
		\$1,200,000	\$475,000	\$1,675,000	
Site Alarm System and Fire Safety Upgrades					
18	Site Alarm System Installation	\$500,000	\$600,000	\$1,100,000	G & B - Ongoing installation of sitewide alarm system.
19	Fire Sprinkler Systems Intallation	\$150,000		\$150,000	G - Phased upgrades per sitewide fire protection masterplan.
		\$650,000	\$600,000	\$1,250,000	
Structural Repairs/Replacements					
20	Structural Inspections, Designs and Repairs	\$50,000		\$50,000	G - Ongoing inspection/repair to selected structural components
21	Building Exterior Caulking Repairs	\$50,000		\$50,000	G - Ongoing caulking repairs to exterior building wall systems.
		\$100,000	\$0	\$100,000	

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Site Utility System Replacements/Upgrades					
22	Site Mechanical Utility Distribution Upgrades/Replacements	\$400,000	\$100,000	\$500,000	G- Mechanical utility projects as defined in FY 99 masterplan; B- Design for phased replacement of mechanical utilities supporting Building 1
23	Site Electrical Utility Distribution Upgrades/Replacements	\$400,000	\$100,000	\$500,000	G- Purchase and replacement of site power distribution components; B- Design for phased replacement of electrical utilities supporting Building 1
24	Telecommunications Backbone ATM Upgrade	\$1,249,000		\$1,249,000	G- Ongoing upgrade of site wide telecommunications backbone to improve thru-put and reliability.
25	Site Utility Metering	\$200,000		\$200,000	G- Installation of metering to record utility usage on a building by building basis to assist in the prioritization of utility upgrades/replacements.
		\$2,249,000	\$200,000	\$2,449,000	
	Total	\$8,282,000	\$3,516,000	\$11,798,000	
	FY99 SCMMR Budget			\$11,798,000	

Note: SCMMR funding will be reallocated when necessary to meet changing demands and/or funding levels.