

Project priorities may be adjusted to reflect facility condition changes and final cost estimates.

	Category	Building	Project Description	\$200M
<b>CROOKSTON CAMPUS</b>				
1	Life Safety / Code	Bergland Laboratory	Fire suppression and code upgrades	\$ 218,750
2	Life Safety / Code	Crookston Campus	Critical infrastructure renewal	\$ 740,722
3	Life Safety / Code	Early Childhood Building	Fire suppression and code upgrades	\$ 210,000
4	Utility Infrastructure	Kiser	Replace under ground steam line	\$ 125,000
5	Building Envelope	Lysaker Gym	Address settling - structural analysis	\$ 350,000
6	Building Envelope	Owen Hall	Exterior façade renewal	\$ 595,000
7	Life Safety / Code	Owen Hall	Life safety and code upgrades	\$ 250,000
8	Mechanical	Sahlstrom Conference Center	Electric distribution replacement	\$ 1,250,000
9	Life Safety / Code	Selvig Hall	Fire suppression and code upgrades	\$ 250,000
				<b>\$ 3,989,472</b>
<b>DULUTH CAMPUS</b>				
10	Mechanical	A.B. Anderson Hall	HVAC replacement at lower level	\$ 3,000,000
11	Building Envelope	A.B. Anderson Hall	Roof replacement	\$ 600,000
12	Mechanical	Engineering	Lab HVAC study	\$ 1,106,463
13	Mechanical	Library Annex	HVAC and code renewal	\$ 7,000,000
14	Building Envelope	Marshall W Alworth Hall	Roof replacement (patio area)	\$ 2,000,000
15	Mechanical	Science Building	HVAC and code renewal - Design	\$ 3,000,000
16	Building Envelope	Sports and Health Center	Roof replacement	\$ 600,000
17	Building Envelope	Voss Kovach Hall	Roof replacement	\$ 600,000
				<b>\$ 17,906,463</b>
<b>MORRIS CAMPUS</b>				
18	Building Envelope	Behmler Hall	Window replacement	\$ 825,000
19	Life Safety / Code	Behmler Hall	Restroom upgrades	\$ 100,000
20	Building Envelope	Blakely Hall	Masonry restoration	\$ 45,000
21	Life Safety / Code	Briggs Library	Restroom upgrades	\$ 1,275,906
22	Life Safety / Code	Cougar Sports Center	Bleacher replacement	\$ 600,000
23	Mechanical	Cougar Sports Center	Ceiling and lighting renewal	\$ 350,000
24	Life Safety / Code	Cougar Sports Center	Restroom upgrades	\$ 200,000
25	Building Envelope	Humanities	Roof replacement	\$ 600,000
26	Utility Infrastructure	Morris Campus	Utility upgrades to Storm and Sanitary	\$ 400,000
27	Utility Infrastructure	Morris Campus	Chilled water upgrade - Shutoffs	\$ 120,000
28	Building Envelope	Morris Campus	Masonry Restoration	\$ 102,000
29	Mechanical	Morris Campus	Controls upgrades	\$ 350,000
30	Mechanical	Science	HVAC controls replacement	\$ 500,000
31	Life Safety / Code	Science Auditorium	Restroom upgrades	\$ 200,000
32	Building Envelope	Science Auditorium	Exterior wall and stair repair	\$ 60,000
33	Building Envelope	Student Center	Exterior envelope improvements	\$ 200,000
				<b>\$ 5,927,906</b>
<b>RESEARCH AND OUTREACH CENTERS AND FIELD STATIONS</b>				
34	Utility Infrastructure	Cedar Creek - Bur Oak House	Septic replacement	\$ 40,000
35	Life Safety / Code	Cedar Creek - Dormitory	ADA access and mobility improvements	\$ 13,500
36	Utility Infrastructure	Cedar Creek - Lawrence Lab	Emergency generator installation	\$ 24,500
37	Life Safety / Code	Cedar Creek - Lindeman	ADA access - exterior doors	\$ 50,000
38	Life Safety / Code	Cedar Creek - Whip-poor-will	Septic replacement	\$ 40,000
39	Building Envelope	Cedar Creek - Dormitory	Building envelope renewal	\$ 147,542
40	Life Safety / Code	Cedar Creek - Duplex	ADA upgrades	\$ 50,000
41	Life Safety / Code	Itasca - Assembly Hall	ADA access and mobility improvements	\$ 11,000
42	Building Envelope	Itasca - Lab Building 40	Exterior envelope and foundation renewal	\$ 126,500
43	Building Envelope	Itasca - Lab Building 48	Envelope renewal	\$ 132,000

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44	Building Envelope	Itasca - Lodging	Foundation rebuild	\$ 85,250
45	Life Safety / Code	Arboretum - Snyder	Accessible restroom upgrade	\$ 175,000
46	Life Safety / Code	Arboretum - Snyder	Critical infrastructure renewal	\$ 70,000
47	Building Envelope	Cloquet - Cabin 2	Windows, siding and insulation repairs	\$ 132,983
48	Life Safety / Code	Cloquet - Campus	Critical infrastructure renewal	\$ 30,000
49	Mechanical	Cloquet - Dining Center	Infrastructure Upgrades	\$ 300,000
50	Building Envelope	Horticulture Research - Multiple	Roof replacements	\$ 230,000
51	Utility Infrastructure	Hubachek - Campus	Electrical distribution renewal	\$ 350,000
52	Building Envelope	Hubachek - Campus	Roof Replacements - multiple	\$ 75,000
53	Building Envelope	Hubachek - Lodge	Window Replacement	\$ 60,000
54	Utility Infrastructure	NCROC - Beef Handling	Infrastructure Upgrades	\$ 35,000
55	Mechanical	NCROC - Campus	Wastewater piping replacement	\$ 160,000
56	Mechanical	NCROC - Greenhouse	LED Lighting Upgrades	\$ 35,000
57	Building Envelope	NCROC - Small Equipment Storage	Structural repairs and roof replacement	\$ 200,000
58	Building Envelope	NCROC - Small Equipment Storage	Structural repairs and roof - design	\$ 35,000
59	Life Safety / Code	NWROC - Ag Research Center	Fire life safety and accessibility improvements	\$ 498,193
60	Life Safety / Code	NWROC - Ag Research Center	Critical infrastructure renewal	\$ 50,000
61	Building Envelope	NWROC - Ag Research Center	Exterior door replacements	\$ 50,000
62	Utility Infrastructure	NWROC - Campus	Sanitary sewer system repair	\$ 80,000
63	Utility Infrastructure	NWROC - Campus	Lighting upgrades for energy efficiency	\$ 45,000
64	Mechanical	NWROC - Greenhouse	Controls system replacement	\$ 50,000
65	Building Envelope	SROC - Main Office	Roof and stucco replacement	\$ 200,000
66	Mechanical	SROC - Shop Building	Ventilation and lighting replacement	\$ 140,000
67	Building Envelope	SROC - Sow/Boar Unit	Roof and structural members repair	\$ 125,000
68	Mechanical	SROC - Swine Isolation Bldg. (Hog 1)	Electrical, plumbing and envelope renewal	\$ 150,000
69	Mechanical	SROC - Swine Metabolic Bldg. (Hog 2)	Electrical, plumbing and envelope renewal	\$ 150,000
70	Life Safety / Code	SWROC - Continuing Ed Building	Fire alarm system installation	\$ 100,000
71	Building Envelope	SWROC - Quonset Machine Shed	Roof replacement	\$ 250,000
72	Life Safety / Code	SWROC - Research Office Building	Fire alarm system installation	\$ 75,000
73	Life Safety / Code	SWROC - Research Office Building	Accessibility upgrades	\$ 50,000
74	Life Safety / Code	SWROC - Shop Building	Fire alarm system installation	\$ 100,000
75	Building Envelope	WCROC - Building 017 and 018	Roof and siding replacement	\$ 75,000
76	Life Safety / Code	WCROC - Farrowing Barn	Code and Infrastructure Improvements	\$ 151,597
77	Building Envelope	WCROC - Greenhouse	Glass replacement	\$ 15,000
78	Building Envelope	WCROC - Hay Storage	Structural post replacement	\$ 20,000
79	Mechanical	WCROC - Maintenance Shop	Building infrastructure renewal	\$ 100,000
80	Life Safety / Code	WCROC - Swine Nursery	Steel wall replacement	\$ 90,000
				<b>\$ 5,173,065</b>

**TWIN CITIES CAMPUS**

81	Life Safety / Code	1425 University Ave	Fire sprinkler extension	\$ 500,000
82	Building Envelope	717 Delaware	Water infiltration repairs at walls and windows	\$ 2,500,000
83	Mechanical	717 Delaware	Secondary switchgear replacement	\$ 3,000,000
84	Life Safety / Code	Amundson Hall	Elevator modernization	\$ 525,000
85	Building Envelope	Andersen Library	Exterior envelope repairs	\$ 1,800,000
86	Building Envelope	Anderson Hall	Structural repairs	\$ 510,000
87	Building Envelope	Animal Sciences / Vet Med	Window replacement	\$ 2,700,000
88	Life Safety / Code	Appleby Hall	Elevator modernization	\$ 700,000
89	Life Safety / Code	Appleby Hall	Fire alarm and sprinkler upgrade	\$ 500,000
90	Building Envelope	Biological Sciences	Window replacement, tuckpointing and screens	\$ 3,000,000

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91	Life Safety / Code	Borlaug Hall	Elevator modernization	\$ 1,100,000
92	Life Safety / Code	Borlaug Hall	Accessible restroom upgrade	\$ 150,000
93	Life Safety / Code	Burton Hall	Fire alarm and sprinkler upgrade	\$ 500,000
94	Life Safety / Code	Burton Hall	Elevator modernization	\$ 500,000
95	Building Envelope	Civil Engineering	Concrete waterproofing and replacement	\$ 2,000,000
96	Life Safety / Code	Coffey Hall	Elevator modernization	\$ 500,000
97	Life Safety / Code	Cooke Hall	Code and infrastructure improvements (design)	\$ 150,000
98	Building Envelope	Ctr for Magnetic Resonance Res.	Roof replacement; original sections	\$ 850,000
99	Building Envelope	Donhowe Building	Building envelope / tuckpointing	\$ 550,000
100	Building Envelope	Ecology Building	Water infiltration	\$ 1,655,000
101	Building Envelope	Elliott Hall	Roof replacement	\$ 2,800,000
102	Utility Infrastructure	East Bank	Chilled water connection	\$ 1,200,000
103	Life Safety / Code	Ferguson Hall	Fire sprinkler extension and renewal	\$ 3,000,000
104	Life Safety / Code	Fieldhouse	Accessible restroom upgrade	\$ 600,000
105	Mechanical	Food Science & Nutrition	Capital renewal	\$ 18,000,000
106	Life Safety / Code	Heller Hall	Elevator modernization	\$ 1,600,000
107	Life Safety / Code	Johnston Hall	Fire sprinkler and alarm upgrades	\$ 300,000
108	Mechanical	Kaufert Lab	Environmental room renewal	\$ 150,000
109	Mechanical	KE Dwan	HVAC Controls	\$ 1,700,000
110	Life Safety / Code	KE Dwan	Fire alarm replacement	\$ 1,200,000
111	Mechanical	Kolthoff Hall	Secondary electrical room code improvements	\$ 3,000,000
112	Building Envelope	McNeal Hall	Roof and curtainwall replacement	\$ 450,000
113	Building Envelope	Molecular Cellular Biology (MCB)	Expansion joint and plaza waterproofing	\$ 2,500,000
114	Mechanical	Molecular Cellular Biology (MCB)	Valves and controls replacement	\$ 750,000
115	Building Envelope	Mondale Hall	Water infiltration remediation	\$ 250,000
116	Life Safety / Code	Mondale Hall	Fire sprinkler renewal	\$ 875,000
117	Building Envelope	Mondale Hall	Roof replacement and skylights	\$ 605,000
118	Life Safety / Code	Mondale Hall	Accessible restroom upgrade (Library)	\$ 150,000
119	Life Safety / Code	Moos Tower	Fire alarm and smoke dampers	\$ 7,500,000
120	Life Safety / Code	Moos Tower	Stair pressurization system	\$ 7,000,000
121	Building Envelope	Moos Tower	North plaza water infiltration	\$ 2,500,000
122	Mechanical	Moos Tower	Heat exchanger renewal	\$ 200,000
123	Life Safety / Code	Moos Tower	Fire life safety (design)	\$ 150,000
124	Mechanical	MPLS Utilities - Electrical	E-Generator loadbank connections	\$ 200,000
125	Utility Infrastructure	MPLS Utilities - Steam	Repair cracking roof; deep tunnel intersect	\$ 500,000
126	Utility Infrastructure	MPLS Utilities - Water	Manhole rebuild	\$ 500,000
127	Utility Infrastructure	MPLS Utilities- Chilled Water	Chilled water connection to 717 Delaware	\$ 500,000
128	Building Envelope	Nils Hasselmo Hall	Roof replacement	\$ 3,000,000
129	Utility Infrastructure	NMR Center	Secondary switchgear replacement	\$ 3,500,000
130	Building Envelope	Nolte Center	Roof replacement	\$ 850,000
131	Life Safety / Code	Phillips Wangenstein Bldg (PWB)	Fire smoke dampers	\$ 7,000,000
132	Mechanical	Phillips Wangenstein Bldg (PWB)	Fire Pump and generator replacement	\$ 6,750,000
133	Life Safety / Code	Phillips Wangenstein Bldg (PWB)	Elevator modernization	\$ 3,250,000
134	Life Safety / Code	Phillips Wangenstein Bldg (PWB)	Stair pressurization system	\$ 2,750,000
135	Mechanical	Phillips Wangenstein Bldg (PWB)	Steam station replacement	\$ 1,200,000
136	Building Envelope	Phillips Wangenstein Bldg (PWB)	Precast panel joint sealant renewal	\$ 1,175,000
137	Life Safety / Code	Phillips Wangenstein Bldg (PWB)	Accessible restroom upgrade	\$ 450,000
138	Mechanical	Phillips Wangenstein Bldg (PWB)	Cooling tower replacement	\$ 325,000
139	Mechanical	Plant Growth West	Emergency power alterations and replacement	\$ 600,000
140	Building Envelope	Rapson Hall	West areawell waterproofing	\$ 315,000

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	Category	Building	Project Description	\$200M
141	Mechanical	Shepherd Hall	Capital renewal	\$ 5,000,000
142	Building Envelope	Shevlin Hall	Exterior envelope upgrades	\$ 1,500,000
143	Life Safety / Code	Shevlin Hall	Fire sprinkler extension	\$ 500,000
144	Building Envelope	Shevlin Hall	Exterior envelope upgrades (design)	\$ 150,000
145	Life Safety / Code	Soils	Loading dock safety improvements	\$ 1,100,000
146	Mechanical	St Paul Gym	Air Handling Unit replacement	\$ 1,750,000
147	Mechanical	UMTC Campus Wide	Critical Infrastructure Renewal	\$ 4,843,094
148	Mechanical	UMTC Campus Wide	Infrastructure renewal for Smart Labs	\$ 2,500,000
149	Utility Infrastructure	UMTC Campus Wide	Como area high voltage gear	\$ 6,000,000
150	Mechanical	University Office Plaza	Building control upgrades	\$ 125,000
151	Life Safety / Code	Vet Diagnostic Lab	Elevator modernization	\$ 550,000
152	Life Safety / Code	Vet Med Center South	Fire alarm and sprinkler installation	\$ 1,100,000
153	Life Safety / Code	Vet Med Center South	Elevator modernization	\$ 550,000
154	Building Envelope	Vincent Hall	Window replacement - punch windows	\$ 3,000,000
155	Building Envelope	Vincent Hall	Window replacement - storefront	\$ 2,000,000
156	Life Safety / Code	Vincent Hall	Fire sprinkler installation	\$ 1,500,000
157	Building Envelope	Washington Ave Ped Bridge	Restore pedestrian enclosure and railings	\$ 15,000,000
158	Life Safety / Code	Weisman	Elevator modernization	\$ 1,000,000
159	Building Envelope	West Bank District	Wilson Plaza waterproofing and repair	\$ 5,800,000
				<b>\$ 167,003,094</b>
			<b>TOTAL - ALL CAMPUSES</b>	<b>\$ 200,000,000</b>