
Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
199	Silver Creek ES	\$5,091	\$175	\$5,266
	D20 Plumbing			\$1,894
	D2020 Domestic Water Distribution	\$1,785	\$109	\$1,894
	D50 Electrical			\$3,372
	D5030 Communications & Security	\$3,306	\$66	\$3,372

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Based on a 20-Year Forecast.

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
158	Tarver ES	\$536,497	\$86,776	\$623,273
	C10 Interior Construction			\$80,795
	C1010 Partitions	\$80,795	\$0	\$80,795
	C30 Interior Finishes			\$86,107
	C3010 Wall Finishes	\$30,463	\$0	\$30,463
	C3020 Floor Finishes	\$18,080	\$0	\$18,080
	C3030 Ceiling Finishes	\$37,564	\$0	\$37,564
	D20 Plumbing			\$18,991
	D2010 Plumbing Fixtures	\$3,233	\$140	\$3,373
	D2020 Domestic Water Distribution	\$13,069	\$2,550	\$15,619
	D30 HVAC			\$127,434
	D3030 Cooling Generating Systems	\$11,040	\$6,087	\$17,127
	D3040 Distribution Systems	\$50,228	\$48,853	\$99,081
	D3060 Controls & Instrumentation	\$3,481	\$7,746	\$11,227
	D40 Fire Protection			\$8,724
	D4010 Sprinklers	\$5,569	\$111	\$5,680
	D4090 Other Fire Protection Systems	\$2,307	\$737	\$3,044
	D50 Electrical			\$134,591
	D5010 Electrical Service & Distribution	\$15,439	\$1,273	\$16,712
	D5020 Lighting & Branch Wiring	\$109,359	\$8,100	\$117,459
	D5030 Communications & Security	\$412	\$8	\$420
	E10 Equipment			\$29,536
	E1010 Commercial Equipment	\$18,363	\$11,173	\$29,536
	G20 Site Improvements			\$92,832
	G2020 Parking Lots	\$470	\$0	\$470
	G2030 Pedestrian Paving	\$34,858	\$0	\$34,858
	G2040 Site Development	\$57,504	\$0	\$57,504
	G30 Site Mechanical Utilities			\$1,283
	G3030 Storm Sewer	\$1,283	\$0	\$1,283

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G40 Site Electrical Utilities			\$42,980
G4020 Site Lighting	\$42,980	\$0	\$42,980

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
111	Cotton Creek	\$476,205	\$104,735	\$580,940
	C10 Interior Construction			\$80,795
	C1010 Partitions	\$80,795	\$0	\$80,795
	C30 Interior Finishes			\$30,463
	C3010 Wall Finishes	\$30,463	\$0	\$30,463
	D20 Plumbing			\$35,047
	D2010 Plumbing Fixtures	\$5,262	\$1,466	\$6,728
	D2020 Domestic Water Distribution	\$20,925	\$7,394	\$28,319
	D30 HVAC			\$138,340
	D3030 Cooling Generating Systems	\$11,040	\$6,943	\$17,983
	D3040 Distribution Systems	\$51,937	\$56,632	\$108,569
	D3060 Controls & Instrumentation	\$3,481	\$8,307	\$11,788
	D40 Fire Protection			\$3,105
	D4090 Other Fire Protection Systems	\$2,307	\$798	\$3,105
	D50 Electrical			\$141,963
	D5010 Electrical Service & Distribution	\$15,439	\$1,607	\$17,046
	D5020 Lighting & Branch Wiring	\$109,359	\$8,565	\$117,924
	D5030 Communications & Security	\$5,733	\$1,260	\$6,993
	E10 Equipment			\$30,126
	E1010 Commercial Equipment	\$18,363	\$11,763	\$30,126
	G20 Site Improvements			\$77,213
	G2020 Parking Lots	\$23,446	\$0	\$23,446
	G2030 Pedestrian Paving	\$29,507	\$0	\$29,507
	G2040 Site Development	\$24,260	\$0	\$24,260
	G30 Site Mechanical Utilities			\$908
	G3010 Water Supply	\$908	\$0	\$908
	G40 Site Electrical Utilities			\$42,980
	G4020 Site Lighting	\$42,980	\$0	\$42,980

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
151	Skyview ES	\$345,363	\$64,336	\$409,699
	C30 Interior Finishes			\$41,373
	C3010 Wall Finishes	\$30,463	\$0	\$30,463
	C3020 Floor Finishes	\$10,910	\$0	\$10,910
	D20 Plumbing			\$27,551
	D2010 Plumbing Fixtures	\$2,029	\$869	\$2,898
	D2020 Domestic Water Distribution	\$20,925	\$3,729	\$24,654
	D30 HVAC			\$116,073
	D3020 Heat Generating Systems	\$7,910	\$7,005	\$14,915
	D3030 Cooling Generating Systems	\$11,040	\$1,740	\$12,780
	D3040 Distribution Systems	\$53,444	\$26,556	\$80,000
	D3060 Controls & Instrumentation	\$3,481	\$4,896	\$8,377
	D40 Fire Protection			\$2,703
	D4090 Other Fire Protection Systems	\$2,307	\$396	\$2,703
	D50 Electrical			\$127,246
	D5020 Lighting & Branch Wiring	\$115,554	\$8,442	\$123,996
	D5030 Communications & Security	\$2,634	\$617	\$3,251
	E10 Equipment			\$36,017
	E1010 Commercial Equipment	\$25,931	\$10,086	\$36,017
	G20 Site Improvements			\$38,271
	G2020 Parking Lots	\$773	\$0	\$773
	G2030 Pedestrian Paving	\$37,498	\$0	\$37,498
	G30 Site Mechanical Utilities			\$2,044
	G3010 Water Supply	\$2,044	\$0	\$2,044
	G40 Site Electrical Utilities			\$18,420
	G4020 Site Lighting	\$18,420	\$0	\$18,420

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
124	Hunters Glen ES	\$716,454	\$94,996	\$811,450
	B20 Exterior Enclosure			\$132,287
	B2020 Exterior Windows	\$132,287	\$0	\$132,287
	C10 Interior Construction			\$36,828
	C1010 Partitions	\$36,828	\$0	\$36,828
	C30 Interior Finishes			\$45,079
	C3010 Wall Finishes	\$30,463	\$0	\$30,463
	C3020 Floor Finishes	\$2,125	\$0	\$2,125
	C3030 Ceiling Finishes	\$12,491	\$0	\$12,491
	D20 Plumbing			\$13,597
	D2020 Domestic Water Distribution	\$13,069	\$528	\$13,597
	D30 HVAC			\$163,099
	D3020 Heat Generating Systems	\$19,754	\$19,074	\$38,828
	D3030 Cooling Generating Systems	\$11,040	\$1,132	\$12,172
	D3040 Distribution Systems	\$52,594	\$22,070	\$74,664
	D3050 Terminal & Package Units	\$656	\$522	\$1,178
	D3060 Controls & Instrumentation	\$16,361	\$19,897	\$36,258
	D40 Fire Protection			\$2,650
	D4090 Other Fire Protection Systems	\$2,307	\$343	\$2,650
	D50 Electrical			\$230,147
	D5010 Electrical Service & Distribution	\$89,908	\$13,368	\$103,276
	D5020 Lighting & Branch Wiring	\$115,554	\$7,894	\$123,448
	D5030 Communications & Security	\$2,634	\$788	\$3,422
	E10 Equipment			\$35,311
	E1010 Commercial Equipment	\$25,931	\$9,380	\$35,311
	G20 Site Improvements			\$132,180
	G2020 Parking Lots	\$68,801	\$0	\$68,801
	G2030 Pedestrian Paving	\$62,221	\$0	\$62,221
	G2040 Site Development	\$1,158	\$0	\$1,158

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G30 Site Mechanical Utilities				\$1,852
G3010 Water Supply	\$1,211	\$0	\$1,211	
G3030 Storm Sewer	\$641	\$0	\$641	
<hr/>				
G40 Site Electrical Utilities				\$18,420
G4020 Site Lighting	\$18,420	\$0	\$18,420	

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
116	Federal Heights ES	\$692,378	\$275,714	\$968,092
	C30 Interior Finishes			\$2,950
	C3020 Floor Finishes	\$2,950	\$0	\$2,950
	D20 Plumbing			\$53,333
	D2010 Plumbing Fixtures	\$1,996	\$165	\$2,161
	D2020 Domestic Water Distribution	\$38,578	\$7,668	\$46,246
	D2030 Sanitary Waste	\$3,382	\$1,545	\$4,927
	D30 HVAC			\$472,564
	D3030 Cooling Generating Systems	\$11,866	\$2,557	\$14,423
	D3040 Distribution Systems	\$175,202	\$95,554	\$270,756
	D3050 Terminal & Package Units	\$94,162	\$54,517	\$148,679
	D3060 Controls & Instrumentation	\$15,317	\$23,388	\$38,705
	D40 Fire Protection			\$4,534
	D4090 Other Fire Protection Systems	\$3,196	\$1,338	\$4,534
	D50 Electrical			\$278,036
	D5010 Electrical Service & Distribution	\$20,838	\$4,065	\$24,903
	D5020 Lighting & Branch Wiring	\$222,485	\$27,087	\$249,572
	D5030 Communications & Security	\$2,634	\$927	\$3,561
	E10 Equipment			\$133,512
	E1010 Commercial Equipment	\$76,609	\$56,903	\$133,512
	G20 Site Improvements			\$1,563
	G2020 Parking Lots	\$773	\$0	\$773
	G2030 Pedestrian Paving	\$790	\$0	\$790
	G30 Site Mechanical Utilities			\$3,180
	G3010 Water Supply	\$3,180	\$0	\$3,180
	G40 Site Electrical Utilities			\$18,420
	G4020 Site Lighting	\$18,420	\$0	\$18,420

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
134	McElwain ES	\$524,625	\$55,465	\$580,090
	C10 Interior Construction			\$8,609
	C1010 Partitions	\$8,609	\$0	\$8,609
	C30 Interior Finishes			\$45,303
	C3010 Wall Finishes	\$12,225	\$0	\$12,225
	C3020 Floor Finishes	\$33,078	\$0	\$33,078
	D10 Conveying			\$121,665
	D1010 Elevators and Lifts	\$121,665	\$0	\$121,665
	D20 Plumbing			\$21,601
	D2020 Domestic Water Distribution	\$19,016	\$2,585	\$21,601
	D30 HVAC			\$118,520
	D3020 Heat Generating Systems	\$9,955	\$7,923	\$17,878
	D3030 Cooling Generating Systems	\$30,814	\$4,220	\$35,034
	D3040 Distribution Systems	\$48,511	\$17,098	\$65,609
	D40 Fire Protection			\$627
	D4090 Other Fire Protection Systems	\$494	\$133	\$627
	D50 Electrical			\$121,325
	D5010 Electrical Service & Distribution	\$89,908	\$13,368	\$103,276
	D5020 Lighting & Branch Wiring	\$15,627	\$2,422	\$18,049
	E10 Equipment			\$26,999
	E1010 Commercial Equipment	\$19,282	\$7,717	\$26,999
	G20 Site Improvements			\$98,561
	G2020 Parking Lots	\$37,092	\$0	\$37,092
	G2030 Pedestrian Paving	\$9,475	\$0	\$9,475
	G2040 Site Development	\$51,994	\$0	\$51,994
	G30 Site Mechanical Utilities			\$4,600
	G3010 Water Supply	\$3,959	\$0	\$3,959
	G3030 Storm Sewer	\$641	\$0	\$641

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G40 Site Electrical Utilities			\$12,280
G4020 Site Lighting	\$12,280	\$0	\$12,280

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
147	Riverdale ES	\$1,181,866	\$213,478	\$1,395,344
	B20 Exterior Enclosure			\$281,980
	B2020 Exterior Windows	\$281,980	\$0	\$281,980
	C30 Interior Finishes			\$118,464
	C3010 Wall Finishes	\$61,733	\$0	\$61,733
	C3020 Floor Finishes	\$56,731	\$0	\$56,731
	D20 Plumbing			\$32,122
	D2010 Plumbing Fixtures	\$2,029	\$812	\$2,841
	D2020 Domestic Water Distribution	\$25,837	\$3,444	\$29,281
	D30 HVAC			\$447,926
	D3020 Heat Generating Systems	\$92,735	\$47,596	\$140,331
	D3030 Cooling Generating Systems	\$35,135	\$7,601	\$42,736
	D3040 Distribution Systems	\$140,904	\$58,711	\$199,615
	D3050 Terminal & Package Units	\$22,519	\$6,821	\$29,340
	D3060 Controls & Instrumentation	\$15,665	\$20,239	\$35,904
	D40 Fire Protection			\$5,156
	D4090 Other Fire Protection Systems	\$4,283	\$873	\$5,156
	D50 Electrical			\$426,527
	D5010 Electrical Service & Distribution	\$89,908	\$13,368	\$103,276
	D5020 Lighting & Branch Wiring	\$222,457	\$23,789	\$246,246
	D5030 Communications & Security	\$63,878	\$13,127	\$77,005
	E10 Equipment			\$62,310
	E1010 Commercial Equipment	\$45,213	\$17,097	\$62,310
	G20 Site Improvements			\$773
	G2020 Parking Lots	\$773	\$0	\$773
	G30 Site Mechanical Utilities			\$1,666
	G3010 Water Supply	\$1,666	\$0	\$1,666
	G40 Site Electrical Utilities			\$18,420

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G4020 Site Lighting

\$18,420

\$0

\$18,420

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
180	Arapahoe Ridge ES	\$401,046	\$21,144	\$422,190
	C10 Interior Construction			\$26,307
	C1010 Partitions	\$26,307	\$0	\$26,307
	C30 Interior Finishes			\$163,725
	C3010 Wall Finishes	\$16,907	\$0	\$16,907
	C3020 Floor Finishes	\$146,818	\$0	\$146,818
	D20 Plumbing			\$8,504
	D2020 Domestic Water Distribution	\$7,856	\$648	\$8,504
	D30 HVAC			\$114,968
	D3020 Heat Generating Systems	\$52,638	\$7,499	\$60,137
	D3040 Distribution Systems	\$20,484	\$1,024	\$21,508
	D3050 Terminal & Package Units	\$9,521	\$476	\$9,997
	D3060 Controls & Instrumentation	\$17,406	\$5,920	\$23,326
	D40 Fire Protection			\$9,286
	D4010 Sprinklers	\$2,784	\$56	\$2,840
	D4090 Other Fire Protection Systems	\$6,320	\$126	\$6,446
	D50 Electrical			\$21,909
	D5020 Lighting & Branch Wiring	\$5,148	\$103	\$5,251
	D5030 Communications & Security	\$16,267	\$391	\$16,658
	E10 Equipment			\$50,114
	E1010 Commercial Equipment	\$45,213	\$4,901	\$50,114
	G20 Site Improvements			\$26,736
	G2020 Parking Lots	\$568	\$0	\$568
	G2030 Pedestrian Paving	\$26,168	\$0	\$26,168
	G30 Site Mechanical Utilities			\$641
	G3030 Storm Sewer	\$641	\$0	\$641

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
112	Coyote Ridge	\$262,046	\$15,353	\$277,399
	C30 Interior Finishes			\$158,794
	C3020 Floor Finishes	\$158,794	\$0	\$158,794
	D20 Plumbing			\$8,337
	D2020 Domestic Water Distribution	\$7,856	\$481	\$8,337
	D30 HVAC			\$66,870
	D3020 Heat Generating Systems	\$29,410	\$4,636	\$34,046
	D3030 Cooling Generating Systems	\$9,165	\$1,445	\$10,610
	D3060 Controls & Instrumentation	\$17,406	\$4,809	\$22,215
	D50 Electrical			\$683
	D5030 Communications & Security	\$619	\$64	\$683
	E10 Equipment			\$41,563
	E1010 Commercial Equipment	\$37,645	\$3,918	\$41,563
	G20 Site Improvements			\$510
	G2020 Parking Lots	\$510	\$0	\$510
	G30 Site Mechanical Utilities			\$641
	G3030 Storm Sewer	\$641	\$0	\$641

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
196	Glacier Peak	\$135,948	\$8,176	\$144,124
	C30 Interior Finishes			\$458
	C3020 Floor Finishes	\$458	\$0	\$458
	D20 Plumbing			\$37,621
	D2010 Plumbing Fixtures	\$1,015	\$62	\$1,077
	D2020 Domestic Water Distribution	\$35,562	\$982	\$36,544
	D30 HVAC			\$62,107
	D3020 Heat Generating Systems	\$25,002	\$1,250	\$26,252
	D3030 Cooling Generating Systems	\$14,574	\$729	\$15,303
	D3060 Controls & Instrumentation	\$17,754	\$2,798	\$20,552
	D50 Electrical			\$875
	D5030 Communications & Security	\$825	\$50	\$875
	E10 Equipment			\$39,949
	E1010 Commercial Equipment	\$37,645	\$2,304	\$39,949
	G20 Site Improvements			\$548
	G2020 Parking Lots	\$548	\$0	\$548
	G30 Site Mechanical Utilities			\$2,565
	G3030 Storm Sewer	\$2,565	\$0	\$2,565

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
197	Prairie Hills ES	\$87,378	\$1,918	\$89,296
	C30 Interior Finishes			\$24,187
	C3020 Floor Finishes	\$24,187	\$0	\$24,187
	D20 Plumbing			\$3,045
	D2010 Plumbing Fixtures	\$1,015	\$20	\$1,035
	D2020 Domestic Water Distribution	\$1,785	\$225	\$2,010
	D30 HVAC			\$18,642
	D3060 Controls & Instrumentation	\$17,754	\$888	\$18,642
	D50 Electrical			\$1,607
	D5030 Communications & Security	\$1,575	\$32	\$1,607
	E10 Equipment			\$38,398
	E1010 Commercial Equipment	\$37,645	\$753	\$38,398
	G20 Site Improvements			\$852
	G2020 Parking Lots	\$852	\$0	\$852
	G30 Site Mechanical Utilities			\$2,565
	G3030 Storm Sewer	\$2,565	\$0	\$2,565

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Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
149	Rocky Mountain ES	\$840,259	\$213,832	\$1,054,091
	C30 Interior Finishes			\$53,052
	C3010 Wall Finishes	\$30,120	\$0	\$30,120
	C3020 Floor Finishes	\$22,932	\$0	\$22,932
	D20 Plumbing			\$32,122
	D2010 Plumbing Fixtures	\$2,029	\$812	\$2,841
	D2020 Domestic Water Distribution	\$25,837	\$3,444	\$29,281
	D30 HVAC			\$447,926
	D3020 Heat Generating Systems	\$92,735	\$47,596	\$140,331
	D3030 Cooling Generating Systems	\$35,135	\$7,601	\$42,736
	D3040 Distribution Systems	\$140,904	\$58,711	\$199,615
	D3050 Terminal & Package Units	\$22,519	\$6,821	\$29,340
	D3060 Controls & Instrumentation	\$15,665	\$20,239	\$35,904
	D40 Fire Protection			\$5,156
	D4090 Other Fire Protection Systems	\$4,283	\$873	\$5,156
	D50 Electrical			\$432,666
	D5010 Electrical Service & Distribution	\$95,693	\$13,722	\$109,415
	D5020 Lighting & Branch Wiring	\$222,457	\$23,789	\$246,246
	D5030 Communications & Security	\$63,878	\$13,127	\$77,005
	E10 Equipment			\$62,310
	E1010 Commercial Equipment	\$45,213	\$17,097	\$62,310
	G20 Site Improvements			\$773
	G2020 Parking Lots	\$773	\$0	\$773
	G30 Site Mechanical Utilities			\$1,666
	G3010 Water Supply	\$1,666	\$0	\$1,666
	G40 Site Electrical Utilities			\$18,420
	G4020 Site Lighting	\$18,420	\$0	\$18,420

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
198	Meridian ES	\$4,081	\$186	\$4,267
	C30 Interior Finishes			\$2,296
	C3020 Floor Finishes	\$2,296	\$0	\$2,296
	D20 Plumbing			\$1,971
	D2020 Domestic Water Distribution	\$1,785	\$186	\$1,971

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
170	Woodglen ES	\$1,010,387	\$237,033	\$1,247,420
	B10 Super Structure			\$891
	B1020 Roof Construction	\$891	\$0	\$891
	B30 Roofing			\$14,852
	B3020 Roof Openings	\$14,275	\$577	\$14,852
	C10 Interior Construction			\$152,787
	C1010 Partitions	\$40,398	\$0	\$40,398
	C1020 Interior Doors	\$112,389	\$0	\$112,389
	C30 Interior Finishes			\$49,891
	C3010 Wall Finishes	\$23,168	\$0	\$23,168
	C3020 Floor Finishes	\$26,723	\$0	\$26,723
	D20 Plumbing			\$29,849
	D2010 Plumbing Fixtures	\$2,029	\$756	\$2,785
	D2020 Domestic Water Distribution	\$15,594	\$6,241	\$21,835
	D2030 Sanitary Waste	\$3,382	\$1,847	\$5,229
	D30 HVAC			\$385,259
	D3020 Heat Generating Systems	\$25,704	\$18,259	\$43,963
	D3030 Cooling Generating Systems	\$26,302	\$28,406	\$54,708
	D3040 Distribution Systems	\$147,625	\$83,113	\$230,738
	D3050 Terminal & Package Units	\$27,101	\$11,479	\$38,580
	D3060 Controls & Instrumentation	\$15,665	\$1,606	\$17,271
	D40 Fire Protection			\$3,567
	D4090 Other Fire Protection Systems	\$2,307	\$1,260	\$3,567
	D50 Electrical			\$223,039
	D5010 Electrical Service & Distribution	\$171,438	\$33,446	\$204,884
	D5020 Lighting & Branch Wiring	\$9,680	\$4,606	\$14,286
	D5030 Communications & Security	\$2,427	\$1,441	\$3,868
	E10 Equipment			\$96,777
	E1010 Commercial Equipment	\$52,780	\$43,997	\$96,777

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

G20 Site Improvements				\$287,788
G2020 Parking Lots	\$99,307	\$0	\$99,307	
G2030 Pedestrian Paving	\$188,481	\$0	\$188,481	
<hr/>				
G30 Site Mechanical Utilities				\$2,721
G3010 Water Supply	\$1,438	\$0	\$1,438	
G3030 Storm Sewer	\$1,283	\$0	\$1,283	

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
145	North Star ES	\$1,773,132	\$242,907	\$2,016,039
	B10 Super Structure			\$891
	B1020 Roof Construction	\$891	\$0	\$891
	B30 Roofing			\$16,452
	B3020 Roof Openings	\$15,813	\$639	\$16,452
	C10 Interior Construction			\$164,579
	C1010 Partitions	\$40,398	\$0	\$40,398
	C1020 Interior Doors	\$124,181	\$0	\$124,181
	C30 Interior Finishes			\$201,555
	C3010 Wall Finishes	\$31,477	\$0	\$31,477
	C3020 Floor Finishes	\$170,078	\$0	\$170,078
	D20 Plumbing			\$37,161
	D2010 Plumbing Fixtures	\$2,029	\$756	\$2,785
	D2020 Domestic Water Distribution	\$25,003	\$9,373	\$34,376
	D30 HVAC			\$571,612
	D3020 Heat Generating Systems	\$84,825	\$35,295	\$120,120
	D3030 Cooling Generating Systems	\$36,573	\$33,021	\$69,594
	D3040 Distribution Systems	\$161,994	\$50,745	\$212,739
	D3050 Terminal & Package Units	\$116,817	\$25,745	\$142,562
	D3060 Controls & Instrumentation	\$12,184	\$14,412	\$26,596
	D40 Fire Protection			\$2,844
	D4090 Other Fire Protection Systems	\$2,505	\$339	\$2,844
	D50 Electrical			\$490,653
	D5010 Electrical Service & Distribution	\$242,623	\$30,610	\$273,233
	D5020 Lighting & Branch Wiring	\$85,047	\$11,429	\$96,476
	D5030 Communications & Security	\$84,374	\$14,228	\$98,602
	D5090 Other Electrical Systems	\$21,904	\$438	\$22,342
	E10 Equipment			\$61,088
	E1010 Commercial Equipment	\$45,213	\$15,875	\$61,088

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

G20 Site Improvements				\$423,350
G2020 Parking Lots	\$172,936	\$0	\$172,936	
G2030 Pedestrian Paving	\$250,414	\$0	\$250,414	
<hr/>				
G30 Site Mechanical Utilities				\$2,873
G3010 Water Supply	\$1,590	\$0	\$1,590	
G3030 Storm Sewer	\$1,283	\$0	\$1,283	
<hr/>				
G40 Site Electrical Utilities				\$42,980
G4020 Site Lighting	\$42,980	\$0	\$42,980	

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
114	Eagleview ES	\$340,041	\$21,723	\$361,764
	C30 Interior Finishes			\$126,773
	C3010 Wall Finishes	\$14,554	\$0	\$14,554
	C3020 Floor Finishes	\$112,219	\$0	\$112,219
	D20 Plumbing			\$8,504
	D2020 Domestic Water Distribution	\$7,856	\$648	\$8,504
	D30 HVAC			\$114,968
	D3020 Heat Generating Systems	\$52,638	\$7,499	\$60,137
	D3040 Distribution Systems	\$20,484	\$1,024	\$21,508
	D3050 Terminal & Package Units	\$9,521	\$476	\$9,997
	D3060 Controls & Instrumentation	\$17,406	\$5,920	\$23,326
	D40 Fire Protection			\$9,286
	D4010 Sprinklers	\$2,784	\$56	\$2,840
	D4090 Other Fire Protection Systems	\$6,320	\$126	\$6,446
	D50 Electrical			\$22,488
	D5020 Lighting & Branch Wiring	\$5,148	\$103	\$5,251
	D5030 Communications & Security	\$16,267	\$970	\$17,237
	E10 Equipment			\$50,114
	E1010 Commercial Equipment	\$45,213	\$4,901	\$50,114
	G20 Site Improvements			\$28,348
	G2020 Parking Lots	\$480	\$0	\$480
	G2030 Pedestrian Paving	\$27,868	\$0	\$27,868
	G30 Site Mechanical Utilities			\$1,283
	G3030 Storm Sewer	\$1,283	\$0	\$1,283

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
156	Stukey ES	\$1,008,574	\$554,795	\$1,563,369
	B10 Super Structure			\$595
	B1020 Roof Construction	\$595	\$0	\$595
	C10 Interior Construction			\$268,809
	C1010 Partitions	\$181,251	\$0	\$181,251
	C1020 Interior Doors	\$87,558	\$0	\$87,558
	C20 Stairs			\$5,637
	C2010 Stair Construction	\$5,637	\$0	\$5,637
	C30 Interior Finishes			\$71,787
	C3010 Wall Finishes	\$18,391	\$0	\$18,391
	C3020 Floor Finishes	\$53,396	\$0	\$53,396
	D20 Plumbing			\$140,563
	D2010 Plumbing Fixtures	\$58,289	\$15,291	\$73,580
	D2020 Domestic Water Distribution	\$25,611	\$16,802	\$42,413
	D2030 Sanitary Waste	\$5,820	\$865	\$6,685
	D2040 Rain Water Drainage	\$15,612	\$2,273	\$17,885
	D30 HVAC			\$654,350
	D3020 Heat Generating Systems	\$88,143	\$88,863	\$177,006
	D3030 Cooling Generating Systems	\$13,997	\$26,948	\$40,945
	D3040 Distribution Systems	\$78,066	\$207,666	\$285,732
	D3050 Terminal & Package Units	\$17,642	\$22,836	\$40,478
	D3060 Controls & Instrumentation	\$19,842	\$90,348	\$110,190
	D40 Fire Protection			\$6,708
	D4090 Other Fire Protection Systems	\$4,283	\$2,425	\$6,708
	D50 Electrical			\$106,738
	D5010 Electrical Service & Distribution	\$41,654	\$16,672	\$58,326
	D5020 Lighting & Branch Wiring	\$5,968	\$5,279	\$11,247
	D5030 Communications & Security	\$26,840	\$10,325	\$37,165

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

E10 Equipment				\$94,181
E1010 Commercial Equipment	\$45,978	\$48,203		\$94,181
<hr/>				
G20 Site Improvements				\$156,617
G2010 Roadways	\$12,892	\$0		\$12,892
G2020 Parking Lots	\$110,620	\$0		\$110,620
G2030 Pedestrian Paving	\$24,873	\$0		\$24,873
G2040 Site Development	\$8,232	\$0		\$8,232
<hr/>				
G30 Site Mechanical Utilities				\$38,964
G3010 Water Supply	\$9,808	\$0		\$9,808
G3020 Sanitary Sewer	\$28,515	\$0		\$28,515
G3030 Storm Sewer	\$641	\$0		\$641
<hr/>				
G40 Site Electrical Utilities				\$18,420
G4020 Site Lighting	\$18,420	\$0		\$18,420

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
167	Westview ES	\$1,550,354	\$1,237,637	\$2,787,991
	B10 Super Structure			\$668
	B1020 Roof Construction	\$668	\$0	\$668
	C10 Interior Construction			\$294,033
	C1010 Partitions	\$202,554	\$0	\$202,554
	C1020 Interior Doors	\$91,479	\$0	\$91,479
	C20 Stairs			\$694
	C2010 Stair Construction	\$694	\$0	\$694
	C30 Interior Finishes			\$108,497
	C3010 Wall Finishes	\$24,460	\$0	\$24,460
	C3020 Floor Finishes	\$84,037	\$0	\$84,037
	D20 Plumbing			\$162,674
	D2010 Plumbing Fixtures	\$79,983	\$20,114	\$100,097
	D2020 Domestic Water Distribution	\$24,514	\$15,801	\$40,315
	D2030 Sanitary Waste	\$5,820	\$865	\$6,685
	D2040 Rain Water Drainage	\$13,603	\$1,974	\$15,577
	D30 HVAC			\$1,212,528
	D3020 Heat Generating Systems	\$92,735	\$279,605	\$372,340
	D3030 Cooling Generating Systems	\$40,848	\$86,772	\$127,620
	D3040 Distribution Systems	\$143,749	\$399,444	\$543,193
	D3050 Terminal & Package Units	\$20,368	\$49,510	\$69,878
	D3060 Controls & Instrumentation	\$16,361	\$83,137	\$99,498
	D40 Fire Protection			\$7,662
	D4090 Other Fire Protection Systems	\$4,283	\$3,379	\$7,662
	D50 Electrical			\$726,829
	D5010 Electrical Service & Distribution	\$196,044	\$106,035	\$302,079
	D5020 Lighting & Branch Wiring	\$217,247	\$93,078	\$310,325
	D5030 Communications & Security	\$63,878	\$50,547	\$114,425

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

E10 Equipment				\$92,590
E1010 Commercial Equipment	\$45,213	\$47,377		\$92,590
<hr/>				
G20 Site Improvements				\$124,235
G2010 Roadways	\$4,505	\$0		\$4,505
G2020 Parking Lots	\$87,524	\$0		\$87,524
G2030 Pedestrian Paving	\$23,974	\$0		\$23,974
G2040 Site Development	\$8,232	\$0		\$8,232
<hr/>				
G30 Site Mechanical Utilities				\$39,161
G3010 Water Supply	\$10,005	\$0		\$10,005
G3020 Sanitary Sewer	\$28,515	\$0		\$28,515
G3030 Storm Sewer	\$641	\$0		\$641
<hr/>				
G40 Site Electrical Utilities				\$18,420
G4020 Site Lighting	\$18,420	\$0		\$18,420

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
129	Leroy Drive ES	\$531,411	\$134,684	\$666,095
	B10 Super Structure			\$965
	B1020 Roof Construction	\$965	\$0	\$965
	B20 Exterior Enclosure			\$25,957
	B2020 Exterior Windows	\$25,957	\$0	\$25,957
	B30 Roofing			\$29,532
	B3020 Roof Openings	\$23,488	\$6,044	\$29,532
	C10 Interior Construction			\$81,528
	C1020 Interior Doors	\$81,528	\$0	\$81,528
	C20 Stairs			\$4,245
	C2010 Stair Construction	\$4,245	\$0	\$4,245
	C30 Interior Finishes			\$116,661
	C3010 Wall Finishes	\$16,479	\$0	\$16,479
	C3020 Floor Finishes	\$100,182	\$0	\$100,182
	D20 Plumbing			\$118,511
	D2010 Plumbing Fixtures	\$32,687	\$13,083	\$45,770
	D2020 Domestic Water Distribution	\$49,078	\$12,313	\$61,391
	D2030 Sanitary Waste	\$1,866	\$501	\$2,367
	D2040 Rain Water Drainage	\$6,929	\$2,056	\$8,985
	D30 HVAC			\$101,744
	D3020 Heat Generating Systems	\$13,100	\$2,823	\$15,923
	D3030 Cooling Generating Systems	\$18,275	\$43,398	\$61,673
	D3040 Distribution Systems	\$12,241	\$612	\$12,853
	D3050 Terminal & Package Units	\$2,604	\$1,694	\$4,298
	D3060 Controls & Instrumentation	\$5,221	\$1,776	\$6,997
	D40 Fire Protection			\$54
	D4010 Sprinklers	\$52	\$2	\$54
	D50 Electrical			\$80,710

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools	City: Denver, CO			
D5020 Lighting & Branch Wiring	\$55,340	\$25,370	\$80,710	
E10 Equipment			\$44,295	
E1010 Commercial Equipment	\$19,282	\$25,013	\$44,295	
G20 Site Improvements			\$38,223	
G2020 Parking Lots	\$510	\$0	\$510	
G2030 Pedestrian Paving	\$36,489	\$0	\$36,489	
G2040 Site Development	\$1,224	\$0	\$1,224	
G30 Site Mechanical Utilities			\$11,389	
G3010 Water Supply	\$8,824	\$0	\$8,824	
G3030 Storm Sewer	\$2,565	\$0	\$2,565	
G40 Site Electrical Utilities			\$12,280	
G4020 Site Lighting	\$12,280	\$0	\$12,280	

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
136	Mountain View ES	\$536,175	\$99,377	\$635,552
	B20 Exterior Enclosure			\$104,438
	B2020 Exterior Windows	\$104,438	\$0	\$104,438
	B30 Roofing			\$1,460
	B3020 Roof Openings	\$1,431	\$29	\$1,460
	C10 Interior Construction			\$95,170
	C1010 Partitions	\$80,795	\$0	\$80,795
	C1020 Interior Doors	\$14,375	\$0	\$14,375
	C30 Interior Finishes			\$30,463
	C3010 Wall Finishes	\$30,463	\$0	\$30,463
	D20 Plumbing			\$18,991
	D2010 Plumbing Fixtures	\$3,233	\$140	\$3,373
	D2020 Domestic Water Distribution	\$13,069	\$2,550	\$15,619
	D30 HVAC			\$121,480
	D3030 Cooling Generating Systems	\$11,040	\$6,087	\$17,127
	D3040 Distribution Systems	\$47,872	\$45,255	\$93,127
	D3060 Controls & Instrumentation	\$3,481	\$7,746	\$11,227
	D40 Fire Protection			\$3,044
	D4090 Other Fire Protection Systems	\$2,307	\$737	\$3,044
	D50 Electrical			\$139,769
	D5010 Electrical Service & Distribution	\$17,511	\$1,443	\$18,954
	D5020 Lighting & Branch Wiring	\$109,359	\$8,100	\$117,459
	D5030 Communications & Security	\$2,427	\$929	\$3,356
	E10 Equipment			\$71,575
	E1010 Commercial Equipment	\$45,213	\$26,362	\$71,575
	G20 Site Improvements			\$35,140
	G2020 Parking Lots	\$470	\$0	\$470
	G2030 Pedestrian Paving	\$34,670	\$0	\$34,670

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

G30	Site Mechanical Utilities			\$1,741
G3010	Water Supply	\$1,741	\$0	\$1,741
G40	Site Electrical Utilities			\$12,280
G4020	Site Lighting	\$12,280	\$0	\$12,280

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
190	Stellar ES	\$1,785	\$72	\$1,857
	D20 Plumbing			\$1,857
	D2020 Domestic Water Distribution	\$1,785	\$72	\$1,857

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
101	Centennial ES	\$780,295	\$339,179	\$1,119,474
	C10 Interior Construction			\$239,383
	C1010 Partitions	\$239,383	\$0	\$239,383
	C30 Interior Finishes			\$73,717
	C3010 Wall Finishes	\$33,558	\$0	\$33,558
	C3020 Floor Finishes	\$23,188	\$0	\$23,188
	C3030 Ceiling Finishes	\$16,971	\$0	\$16,971
	D20 Plumbing			\$44,236
	D2010 Plumbing Fixtures	\$17,817	\$850	\$18,667
	D2020 Domestic Water Distribution	\$19,822	\$5,747	\$25,569
	D30 HVAC			\$484,952
	D3020 Heat Generating Systems	\$23,414	\$55,874	\$79,288
	D3030 Cooling Generating Systems	\$20,505	\$16,319	\$36,824
	D3040 Distribution Systems	\$142,624	\$153,306	\$295,930
	D3050 Terminal & Package Units	\$28,308	\$44,602	\$72,910
	D40 Fire Protection			\$1,832
	D4090 Other Fire Protection Systems	\$1,185	\$647	\$1,832
	D50 Electrical			\$53,022
	D5020 Lighting & Branch Wiring	\$31,092	\$12,761	\$43,853
	D5030 Communications & Security	\$7,950	\$1,219	\$9,169
	E10 Equipment			\$118,998
	E1010 Commercial Equipment	\$71,143	\$47,855	\$118,998
	G20 Site Improvements			\$101,727
	G2020 Parking Lots	\$59,841	\$0	\$59,841
	G2030 Pedestrian Paving	\$41,886	\$0	\$41,886
	G30 Site Mechanical Utilities			\$1,608
	G3010 Water Supply	\$1,287	\$0	\$1,287
	G3030 Storm Sewer	\$321	\$0	\$321

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
105	Cherry Drive ES	\$1,083,013	\$231,712	\$1,314,725
	B20 Exterior Enclosure			\$202,684
	B2020 Exterior Windows	\$202,684	\$0	\$202,684
	C10 Interior Construction			\$52,967
	C1010 Partitions	\$47,820	\$0	\$47,820
	C1020 Interior Doors	\$5,147	\$0	\$5,147
	C30 Interior Finishes			\$34,715
	C3010 Wall Finishes	\$24,072	\$0	\$24,072
	C3020 Floor Finishes	\$10,643	\$0	\$10,643
	D20 Plumbing			\$33,532
	D2010 Plumbing Fixtures	\$2,029	\$812	\$2,841
	D2020 Domestic Water Distribution	\$24,036	\$6,655	\$30,691
	D30 HVAC			\$473,239
	D3020 Heat Generating Systems	\$92,735	\$47,596	\$140,331
	D3030 Cooling Generating Systems	\$45,628	\$22,421	\$68,049
	D3040 Distribution Systems	\$140,904	\$58,711	\$199,615
	D3050 Terminal & Package Units	\$22,519	\$6,821	\$29,340
	D3060 Controls & Instrumentation	\$15,665	\$20,239	\$35,904
	D40 Fire Protection			\$5,156
	D4090 Other Fire Protection Systems	\$4,283	\$873	\$5,156
	D50 Electrical			\$430,036
	D5010 Electrical Service & Distribution	\$89,908	\$13,368	\$103,276
	D5020 Lighting & Branch Wiring	\$222,457	\$23,789	\$246,246
	D5030 Communications & Security	\$67,184	\$13,329	\$80,513
	E10 Equipment			\$62,310
	E1010 Commercial Equipment	\$45,213	\$17,097	\$62,310
	G30 Site Mechanical Utilities			\$1,666
	G3010 Water Supply	\$1,666	\$0	\$1,666

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

G40 Site Electrical Utilities			\$18,420
G4020 Site Lighting	\$18,420	\$0	\$18,420

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
132	Malley Drive ES	\$503,345	\$122,328	\$625,673
	B10 Super Structure			\$965
	B1020 Roof Construction	\$965	\$0	\$965
	B20 Exterior Enclosure			\$25,957
	B2020 Exterior Windows	\$25,957	\$0	\$25,957
	B30 Roofing			\$27,258
	B3020 Roof Openings	\$22,361	\$4,897	\$27,258
	C10 Interior Construction			\$81,528
	C1020 Interior Doors	\$81,528	\$0	\$81,528
	C30 Interior Finishes			\$99,929
	C3010 Wall Finishes	\$16,479	\$0	\$16,479
	C3020 Floor Finishes	\$83,450	\$0	\$83,450
	D20 Plumbing			\$117,260
	D2010 Plumbing Fixtures	\$34,037	\$11,772	\$45,809
	D2020 Domestic Water Distribution	\$49,078	\$11,458	\$60,536
	D2030 Sanitary Waste	\$1,866	\$409	\$2,275
	D2040 Rain Water Drainage	\$6,929	\$1,711	\$8,640
	D30 HVAC			\$96,410
	D3020 Heat Generating Systems	\$13,100	\$2,823	\$15,923
	D3030 Cooling Generating Systems	\$18,275	\$38,063	\$56,338
	D3040 Distribution Systems	\$12,241	\$612	\$12,853
	D3050 Terminal & Package Units	\$2,604	\$1,694	\$4,298
	D3060 Controls & Instrumentation	\$5,221	\$1,776	\$6,997
	D40 Fire Protection			\$54
	D4010 Sprinklers	\$52	\$2	\$54
	D50 Electrical			\$79,761
	D5020 Lighting & Branch Wiring	\$55,944	\$23,817	\$79,761
	E10 Equipment			\$42,575

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools**City:** Denver, CO

E1010	Commercial Equipment	\$19,282	\$23,293	\$42,575
<hr/>				
G20	Site Improvements			\$38,223
G2020	Parking Lots	\$510	\$0	\$510
G2030	Pedestrian Paving	\$36,489	\$0	\$36,489
G2040	Site Development	\$1,224	\$0	\$1,224
<hr/>				
G30	Site Mechanical Utilities			\$3,473
G3010	Water Supply	\$908	\$0	\$908
G3030	Storm Sewer	\$2,565	\$0	\$2,565
<hr/>				
G40	Site Electrical Utilities			\$12,280
G4020	Site Lighting	\$12,280	\$0	\$12,280
<hr/>				

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
120	Hillcrest ES	\$775,718	\$162,975	\$938,693
	B10 Super Structure			\$1,930
	B1020 Roof Construction	\$1,930	\$0	\$1,930
	B20 Exterior Enclosure			\$25,957
	B2020 Exterior Windows	\$25,957	\$0	\$25,957
	B30 Roofing			\$29,532
	B3020 Roof Openings	\$23,488	\$6,044	\$29,532
	C10 Interior Construction			\$81,528
	C1020 Interior Doors	\$81,528	\$0	\$81,528
	C20 Stairs			\$1,748
	C2010 Stair Construction	\$1,748	\$0	\$1,748
	C30 Interior Finishes			\$40,457
	C3010 Wall Finishes	\$20,296	\$0	\$20,296
	C3020 Floor Finishes	\$20,161	\$0	\$20,161
	D20 Plumbing			\$121,614
	D2010 Plumbing Fixtures	\$32,687	\$13,083	\$45,770
	D2020 Domestic Water Distribution	\$51,893	\$12,600	\$64,493
	D2030 Sanitary Waste	\$1,866	\$501	\$2,367
	D2040 Rain Water Drainage	\$6,929	\$2,056	\$8,985
	D30 HVAC			\$315,357
	D3020 Heat Generating Systems	\$28,304	\$12,078	\$40,382
	D3030 Cooling Generating Systems	\$28,240	\$43,896	\$72,136
	D3040 Distribution Systems	\$62,334	\$11,947	\$74,281
	D3050 Terminal & Package Units	\$104,316	\$7,400	\$111,716
	D3060 Controls & Instrumentation	\$10,442	\$6,400	\$16,842
	D40 Fire Protection			\$4,348
	D4090 Other Fire Protection Systems	\$2,307	\$2,041	\$4,348
	D50 Electrical			\$163,877

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools**City:** Denver, CO

D5020	Lighting & Branch Wiring	\$130,580	\$30,300	\$160,880
D5030	Communications & Security	\$2,819	\$178	\$2,997
<hr/>				
E10	Equipment			\$43,116
E1010	Commercial Equipment	\$28,663	\$14,453	\$43,116
<hr/>				
G20	Site Improvements			\$85,561
G2020	Parking Lots	\$510	\$0	\$510
G2030	Pedestrian Paving	\$45,170	\$0	\$45,170
G2040	Site Development	\$39,881	\$0	\$39,881
<hr/>				
G30	Site Mechanical Utilities			\$11,389
G3010	Water Supply	\$8,824	\$0	\$8,824
G3030	Storm Sewer	\$2,565	\$0	\$2,565
<hr/>				
G40	Site Electrical Utilities			\$12,280
G4020	Site Lighting	\$12,280	\$0	\$12,280

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
503	Hulstrom K8	\$526,482	\$115,263	\$641,745
	B10 Super Structure			\$965
	B1020 Roof Construction	\$965	\$0	\$965
	B20 Exterior Enclosure			\$25,957
	B2020 Exterior Windows	\$25,957	\$0	\$25,957
	B30 Roofing			\$26,723
	B3020 Roof Openings	\$22,361	\$4,362	\$26,723
	C10 Interior Construction			\$81,528
	C1020 Interior Doors	\$81,528	\$0	\$81,528
	C30 Interior Finishes			\$121,183
	C3010 Wall Finishes	\$16,479	\$0	\$16,479
	C3020 Floor Finishes	\$104,704	\$0	\$104,704
	D20 Plumbing			\$117,285
	D2010 Plumbing Fixtures	\$32,687	\$10,443	\$43,130
	D2020 Domestic Water Distribution	\$49,078	\$11,043	\$60,121
	D2030 Sanitary Waste	\$5,005	\$556	\$5,561
	D2040 Rain Water Drainage	\$6,929	\$1,544	\$8,473
	D30 HVAC			\$93,931
	D3020 Heat Generating Systems	\$13,100	\$2,823	\$15,923
	D3030 Cooling Generating Systems	\$18,275	\$35,585	\$53,860
	D3040 Distribution Systems	\$12,241	\$612	\$12,853
	D3050 Terminal & Package Units	\$2,604	\$1,694	\$4,298
	D3060 Controls & Instrumentation	\$5,221	\$1,776	\$6,997
	D50 Electrical			\$78,455
	D5020 Lighting & Branch Wiring	\$55,340	\$22,335	\$77,675
	D5030 Communications & Security	\$750	\$30	\$780
	E10 Equipment			\$41,741
	E1010 Commercial Equipment	\$19,282	\$22,459	\$41,741

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

G20 Site Improvements				\$38,223
G2020 Parking Lots	\$510	\$0	\$510	
G2030 Pedestrian Paving	\$36,489	\$0	\$36,489	
G2040 Site Development	\$1,224	\$0	\$1,224	
<hr/>				
G30 Site Mechanical Utilities				\$3,473
G3010 Water Supply	\$908	\$0	\$908	
G3030 Storm Sewer	\$2,565	\$0	\$2,565	
<hr/>				
G40 Site Electrical Utilities				\$12,280
G4020 Site Lighting	\$12,280	\$0	\$12,280	

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
501	The Studio School	\$531,411	\$148,868	\$680,279
	B10 Super Structure			\$965
	B1020 Roof Construction	\$965	\$0	\$965
	B20 Exterior Enclosure			\$25,957
	B2020 Exterior Windows	\$25,957	\$0	\$25,957
	B30 Roofing			\$30,725
	B3020 Roof Openings	\$23,488	\$7,237	\$30,725
	C10 Interior Construction			\$81,528
	C1020 Interior Doors	\$81,528	\$0	\$81,528
	C20 Stairs			\$4,245
	C2010 Stair Construction	\$4,245	\$0	\$4,245
	C30 Interior Finishes			\$116,661
	C3010 Wall Finishes	\$16,479	\$0	\$16,479
	C3020 Floor Finishes	\$100,182	\$0	\$100,182
	D20 Plumbing			\$121,703
	D2010 Plumbing Fixtures	\$32,687	\$14,932	\$47,619
	D2020 Domestic Water Distribution	\$49,078	\$13,202	\$62,280
	D2030 Sanitary Waste	\$1,866	\$596	\$2,462
	D2040 Rain Water Drainage	\$6,929	\$2,414	\$9,343
	D30 HVAC			\$107,626
	D3020 Heat Generating Systems	\$13,100	\$2,823	\$15,923
	D3030 Cooling Generating Systems	\$18,275	\$49,279	\$67,554
	D3040 Distribution Systems	\$12,241	\$612	\$12,853
	D3050 Terminal & Package Units	\$2,604	\$1,694	\$4,298
	D3060 Controls & Instrumentation	\$5,221	\$1,776	\$6,997
	D40 Fire Protection			\$56
	D4010 Sprinklers	\$52	\$4	\$56
	D50 Electrical			\$82,836

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools**City:** Denver, CO

D5020	Lighting & Branch Wiring	\$55,340	\$27,496	\$82,836
E10 Equipment				\$46,085
E1010	Commercial Equipment	\$19,282	\$26,803	\$46,085
G20 Site Improvements				\$38,223
G2020	Parking Lots	\$510	\$0	\$510
G2030	Pedestrian Paving	\$36,489	\$0	\$36,489
G2040	Site Development	\$1,224	\$0	\$1,224
G30 Site Mechanical Utilities				\$11,389
G3010	Water Supply	\$8,824	\$0	\$8,824
G3030	Storm Sewer	\$2,565	\$0	\$2,565
G40 Site Electrical Utilities				\$12,280
G4020	Site Lighting	\$12,280	\$0	\$12,280

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
143	North Mor ES	\$1,293,138	\$945,120	\$2,238,258
	B10 Super Structure			\$595
	B1020 Roof Construction	\$595	\$0	\$595
	C10 Interior Construction			\$350,455
	C1010 Partitions	\$262,897	\$0	\$262,897
	C1020 Interior Doors	\$87,558	\$0	\$87,558
	C20 Stairs			\$5,637
	C2010 Stair Construction	\$5,637	\$0	\$5,637
	C30 Interior Finishes			\$60,601
	C3010 Wall Finishes	\$18,391	\$0	\$18,391
	C3020 Floor Finishes	\$42,210	\$0	\$42,210
	D20 Plumbing			\$171,329
	D2010 Plumbing Fixtures	\$79,983	\$24,158	\$104,141
	D2020 Domestic Water Distribution	\$24,096	\$17,554	\$41,650
	D2030 Sanitary Waste	\$5,820	\$1,135	\$6,955
	D2040 Rain Water Drainage	\$15,612	\$2,971	\$18,583
	D30 HVAC			\$1,000,468
	D3020 Heat Generating Systems	\$92,735	\$317,770	\$410,505
	D3030 Cooling Generating Systems	\$40,258	\$101,278	\$141,536
	D3040 Distribution Systems	\$85,830	\$183,434	\$269,264
	D3050 Terminal & Package Units	\$66,158	\$3,308	\$69,466
	D3060 Controls & Instrumentation	\$16,361	\$93,335	\$109,696
	D40 Fire Protection			\$7,971
	D4090 Other Fire Protection Systems	\$4,283	\$3,688	\$7,971
	D50 Electrical			\$331,317
	D5010 Electrical Service & Distribution	\$89,908	\$69,755	\$159,663
	D5020 Lighting & Branch Wiring	\$26,034	\$20,198	\$46,232
	D5030 Communications & Security	\$70,004	\$55,418	\$125,422

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

E10 Equipment				\$96,330
E1010 Commercial Equipment	\$45,213	\$51,117		\$96,330
<hr/>				
G20 Site Improvements				\$156,171
G2010 Roadways	\$12,892	\$0		\$12,892
G2020 Parking Lots	\$110,620	\$0		\$110,620
G2030 Pedestrian Paving	\$24,427	\$0		\$24,427
G2040 Site Development	\$8,232	\$0		\$8,232
<hr/>				
G30 Site Mechanical Utilities				\$38,964
G3010 Water Supply	\$9,808	\$0		\$9,808
G3020 Sanitary Sewer	\$28,515	\$0		\$28,515
G3030 Storm Sewer	\$641	\$0		\$641
<hr/>				
G40 Site Electrical Utilities				\$18,420
G4020 Site Lighting	\$18,420	\$0		\$18,420

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Based on a 20-Year Forecast.

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Deferred Maintenance By Unifomat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
ECEC	ECEC	\$331,755	\$47,048	\$378,803
	C10 Interior Construction			\$8,221
	C1010 Partitions	\$8,221	\$0	\$8,221
	C30 Interior Finishes			\$55,491
	C3020 Floor Finishes	\$55,491	\$0	\$55,491
	D20 Plumbing			\$7,752
	D2020 Domestic Water Distribution	\$6,749	\$1,003	\$7,752
	D30 HVAC			\$94,047
	D3020 Heat Generating Systems	\$38,814	\$24,410	\$63,224
	D3040 Distribution Systems	\$18,351	\$7,471	\$25,822
	D3060 Controls & Instrumentation	\$2,785	\$2,216	\$5,001
	D50 Electrical			\$189,537
	D5010 Electrical Service & Distribution	\$89,908	\$3,632	\$93,540
	D5020 Lighting & Branch Wiring	\$51,687	\$2,203	\$53,890
	D5030 Communications & Security	\$36,097	\$6,010	\$42,107
	E10 Equipment			\$484
	E1010 Commercial Equipment	\$382	\$102	\$484
	G20 Site Improvements			\$10,349
	G2020 Parking Lots	\$510	\$0	\$510
	G2030 Pedestrian Paving	\$8,681	\$0	\$8,681
	G2040 Site Development	\$1,158	\$0	\$1,158
	G30 Site Mechanical Utilities			\$641
	G3030 Storm Sewer	\$641	\$0	\$641
	G40 Site Electrical Utilities			\$12,280
	G4020 Site Lighting	\$12,280	\$0	\$12,280

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
163	Thornton ES	\$786,116	\$367,549	\$1,153,665
	B20 Exterior Enclosure			\$201,661
	B2020 Exterior Windows	\$201,661	\$0	\$201,661
	C10 Interior Construction			\$18,414
	C1010 Partitions	\$18,414	\$0	\$18,414
	C30 Interior Finishes			\$67,426
	C3020 Floor Finishes	\$50,455	\$0	\$50,455
	C3030 Ceiling Finishes	\$16,971	\$0	\$16,971
	D20 Plumbing			\$45,121
	D2010 Plumbing Fixtures	\$17,817	\$1,224	\$19,041
	D2020 Domestic Water Distribution	\$19,822	\$6,258	\$26,080
	D30 HVAC			\$509,200
	D3020 Heat Generating Systems	\$23,414	\$59,839	\$83,253
	D3030 Cooling Generating Systems	\$20,505	\$18,160	\$38,665
	D3040 Distribution Systems	\$142,624	\$168,102	\$310,726
	D3050 Terminal & Package Units	\$28,308	\$48,248	\$76,556
	D40 Fire Protection			\$1,869
	D4090 Other Fire Protection Systems	\$1,185	\$684	\$1,869
	D50 Electrical			\$47,907
	D5020 Lighting & Branch Wiring	\$31,092	\$13,638	\$44,730
	D5030 Communications & Security	\$2,015	\$1,162	\$3,177
	E10 Equipment			\$121,378
	E1010 Commercial Equipment	\$71,143	\$50,235	\$121,378
	G20 Site Improvements			\$139,082
	G2020 Parking Lots	\$59,841	\$0	\$59,841
	G2030 Pedestrian Paving	\$79,241	\$0	\$79,241
	G30 Site Mechanical Utilities			\$1,608
	G3010 Water Supply	\$1,287	\$0	\$1,287

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**Degradation Cost is defined as additional cost (penalty cost) incurred by maintenance deferral.

Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Elementary Schools

City: Denver, CO

G3030 Storm Sewer

\$321

\$0

\$321

Facility Total:

\$19,572,369

\$6,164,552

\$25,736,921

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
283	Silver Hills MS	\$256,780	\$497	\$257,277
	C30 Interior Finishes			\$244,488
	C3020 Floor Finishes	\$244,488	\$0	\$244,488
	D20 Plumbing			\$2,681
	D2020 Domestic Water Distribution	\$2,577	\$104	\$2,681
	D50 Electrical			\$10,107
	D5030 Communications & Security	\$9,715	\$392	\$10,107
281	Shadow Ridge MS	\$484,715	\$4,423	\$489,138
	C30 Interior Finishes			\$328,354
	C3020 Floor Finishes	\$328,354	\$0	\$328,354
	D20 Plumbing			\$3,934
	D2020 Domestic Water Distribution	\$3,589	\$345	\$3,934
	D30 HVAC			\$39,477
	D3060 Controls & Instrumentation	\$37,597	\$1,880	\$39,477
	D50 Electrical			\$28,682
	D5030 Communications & Security	\$27,955	\$727	\$28,682
	E10 Equipment			\$74,988
	E1010 Commercial Equipment	\$73,518	\$1,470	\$74,988
	G20 Site Improvements			\$1,518
	G2020 Parking Lots	\$1,518	\$0	\$1,518
	G30 Site Mechanical Utilities			\$12,184
	G3030 Storm Sewer	\$12,184	\$0	\$12,184

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
282	Rocky Top MS	\$16,906	\$530	\$17,436
	C30 Interior Finishes			\$5,659
	C3020 Floor Finishes	\$5,659	\$0	\$5,659
	D20 Plumbing			\$2,845
	D2020 Domestic Water Distribution	\$2,577	\$268	\$2,845
	D50 Electrical			\$8,932
	D5030 Communications & Security	\$8,670	\$262	\$8,932

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
270	Century MS	\$814,646	\$46,400	\$861,046
	C30 Interior Finishes			\$319,049
	C3010 Wall Finishes	\$6,604	\$0	\$6,604
	C3020 Floor Finishes	\$312,445	\$0	\$312,445
	D20 Plumbing			\$4,344
	D2020 Domestic Water Distribution	\$3,589	\$755	\$4,344
	D30 HVAC			\$197,432
	D3020 Heat Generating Systems	\$48,241	\$8,374	\$56,615
	D3030 Cooling Generating Systems	\$29,150	\$6,282	\$35,432
	D3040 Distribution Systems	\$46,677	\$2,334	\$49,011
	D3050 Terminal & Package Units	\$5,706	\$285	\$5,991
	D3060 Controls & Instrumentation	\$37,597	\$12,787	\$50,384
	D40 Fire Protection			\$7,071
	D4010 Sprinklers	\$2,784	\$56	\$2,840
	D4090 Other Fire Protection Systems	\$4,148	\$83	\$4,231
	D50 Electrical			\$127,120
	D5020 Lighting & Branch Wiring	\$53,236	\$1,065	\$54,301
	D5030 Communications & Security	\$68,561	\$4,258	\$72,819
	E10 Equipment			\$126,021
	E1010 Commercial Equipment	\$96,222	\$9,729	\$105,951
	E1020 Institutional Equipment	\$19,676	\$394	\$20,070
	G20 Site Improvements			\$67,826
	G2020 Parking Lots	\$1,518	\$0	\$1,518
	G2030 Pedestrian Paving	\$66,308	\$0	\$66,308
	G30 Site Mechanical Utilities			\$12,184
	G3030 Storm Sewer	\$12,184	\$0	\$12,184

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
220	STEM Launch (Formerly Niver Creek MS)	\$2,599,527	\$847,549	\$3,447,076
	B20 Exterior Enclosure			\$8,566
	B2030 Exterior Doors	\$8,566	\$0	\$8,566
	C10 Interior Construction			\$10,295
	C1020 Interior Doors	\$10,295	\$0	\$10,295
	C20 Stairs			\$46,792
	C2010 Stair Construction	\$46,792	\$0	\$46,792
	C30 Interior Finishes			\$185,322
	C3010 Wall Finishes	\$6,604	\$0	\$6,604
	C3020 Floor Finishes	\$178,718	\$0	\$178,718
	D10 Conveying			\$114,087
	D1010 Elevators and Lifts	\$114,087	\$0	\$114,087
	D20 Plumbing			\$204,883
	D2010 Plumbing Fixtures	\$36,070	\$3,157	\$39,227
	D2020 Domestic Water Distribution	\$99,775	\$34,640	\$134,415
	D2030 Sanitary Waste	\$8,734	\$1,570	\$10,304
	D2040 Rain Water Drainage	\$9,927	\$1,476	\$11,403
	D2090 Other Plumbing Systems	\$7,518	\$2,017	\$9,535
	D30 HVAC			\$340,187
	D3020 Heat Generating Systems	\$36,020	\$85,957	\$121,977
	D3030 Cooling Generating Systems	\$27,303	\$21,729	\$49,032
	D3040 Distribution Systems	\$29,800	\$48,255	\$78,055
	D3050 Terminal & Package Units	\$21,048	\$40,523	\$61,571
	D3060 Controls & Instrumentation	\$26,805	\$2,748	\$29,553
	D40 Fire Protection			\$28,108
	D4010 Sprinklers	\$2,784	\$56	\$2,840
	D4090 Other Fire Protection Systems	\$16,627	\$8,642	\$25,269
	D50 Electrical			\$294,148
	D5010 Electrical Service & Distribution	\$4,364	\$649	\$5,013

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools**City:** Denver, CO

D5020	Lighting & Branch Wiring	\$45,803	\$19,375	\$65,178
D5030	Communications & Security	\$175,325	\$48,632	\$223,957
<hr/>				
E10	Equipment			\$1,824,036
E1010	Commercial Equipment	\$27,094	\$17,425	\$44,519
E1020	Institutional Equipment	\$1,268,817	\$510,700	\$1,779,517
<hr/>				
G20	Site Improvements			\$195,323
G2030	Pedestrian Paving	\$80,513	\$0	\$80,513
G2040	Site Development	\$114,810	\$0	\$114,810
<hr/>				
G30	Site Mechanical Utilities			\$195,328
G3010	Water Supply	\$303	\$0	\$303
G3020	Sanitary Sewer	\$182,841	\$0	\$182,841
G3030	Storm Sewer	\$12,184	\$0	\$12,184

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
230	STEM Lab (Formerly Northeast MS)	\$5,480,900	\$4,303,066	\$9,783,966
	B10 Super Structure			\$8,390
	B1020 Roof Construction	\$8,390	\$0	\$8,390
	B20 Exterior Enclosure			\$23,800
	B2030 Exterior Doors	\$23,800	\$0	\$23,800
	C10 Interior Construction			\$383,170
	C1010 Partitions	\$73,656	\$0	\$73,656
	C1020 Interior Doors	\$309,514	\$0	\$309,514
	C20 Stairs			\$3,382
	C2010 Stair Construction	\$3,382	\$0	\$3,382
	C30 Interior Finishes			\$200,889
	C3010 Wall Finishes	\$6,604	\$0	\$6,604
	C3020 Floor Finishes	\$194,285	\$0	\$194,285
	D20 Plumbing			\$253,579
	D2010 Plumbing Fixtures	\$82,579	\$10,884	\$93,463
	D2020 Domestic Water Distribution	\$55,386	\$27,947	\$83,333
	D2030 Sanitary Waste	\$28,918	\$3,514	\$32,432
	D2040 Rain Water Drainage	\$29,500	\$4,113	\$33,613
	D2090 Other Plumbing Systems	\$7,518	\$3,220	\$10,738
	D30 HVAC			\$4,184,428
	D3020 Heat Generating Systems	\$237,036	\$475,261	\$712,297
	D3030 Cooling Generating Systems	\$54,828	\$84,744	\$139,572
	D3040 Distribution Systems	\$681,608	\$1,281,109	\$1,962,717
	D3050 Terminal & Package Units	\$424,972	\$756,764	\$1,181,736
	D3060 Controls & Instrumentation	\$37,597	\$150,508	\$188,105
	D40 Fire Protection			\$13,873
	D4010 Sprinklers	\$2,784	\$229	\$3,013
	D4090 Other Fire Protection Systems	\$6,455	\$4,405	\$10,860

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

D50	Electrical				\$1,952,027
D5010	Electrical Service & Distribution	\$479,233	\$211,849	\$691,082	
D5020	Lighting & Branch Wiring	\$624,097	\$368,778	\$992,875	
D5030	Communications & Security	\$144,092	\$92,693	\$236,785	
D5090	Other Electrical Systems	\$21,904	\$9,380	\$31,284	
<hr/>					
E10	Equipment				\$2,180,355
E1010	Commercial Equipment	\$93,872	\$82,458	\$176,330	
E1020	Institutional Equipment	\$1,268,817	\$735,209	\$2,004,026	
<hr/>					
G20	Site Improvements				\$384,745
G2010	Roadways	\$87,868	\$0	\$87,868	
G2020	Parking Lots	\$101,554	\$0	\$101,554	
G2030	Pedestrian Paving	\$80,513	\$0	\$80,513	
G2040	Site Development	\$114,810	\$0	\$114,810	
<hr/>					
G30	Site Mechanical Utilities				\$195,328
G3010	Water Supply	\$303	\$0	\$303	
G3020	Sanitary Sewer	\$182,841	\$0	\$182,841	
G3030	Storm Sewer	\$12,184	\$0	\$12,184	

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
240	Northglenn MS	\$1,627,928	\$234,559	\$1,862,487
	B10 Super Structure			\$8,390
	B1020 Roof Construction	\$8,390	\$0	\$8,390
	B30 Roofing			\$38,232
	B3020 Roof Openings	\$31,103	\$7,129	\$38,232
	C20 Stairs			\$3,382
	C2010 Stair Construction	\$3,382	\$0	\$3,382
	C30 Interior Finishes			\$327,575
	C3020 Floor Finishes	\$327,575	\$0	\$327,575
	D20 Plumbing			\$126,771
	D2010 Plumbing Fixtures	\$909	\$18	\$927
	D2020 Domestic Water Distribution	\$68,372	\$33,657	\$102,029
	D2030 Sanitary Waste	\$6,764	\$1,397	\$8,161
	D2040 Rain Water Drainage	\$9,927	\$5,727	\$15,654
	D30 HVAC			\$225,291
	D3020 Heat Generating Systems	\$35,139	\$22,099	\$57,238
	D3040 Distribution Systems	\$24,324	\$9,902	\$34,226
	D3050 Terminal & Package Units	\$62,755	\$41,520	\$104,275
	D3060 Controls & Instrumentation	\$26,805	\$2,748	\$29,553
	D40 Fire Protection			\$2,400
	D4090 Other Fire Protection Systems	\$2,307	\$93	\$2,400
	D50 Electrical			\$466,789
	D5010 Electrical Service & Distribution	\$256,485	\$10,587	\$267,072
	D5020 Lighting & Branch Wiring	\$76,058	\$6,089	\$82,147
	D5030 Communications & Security	\$100,968	\$4,081	\$105,049
	D5090 Other Electrical Systems	\$10,900	\$1,621	\$12,521
	E10 Equipment			\$204,963
	E1010 Commercial Equipment	\$107,736	\$83,078	\$190,814
	E1020 Institutional Equipment	\$9,335	\$4,814	\$14,149

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

G20 Site Improvements				\$239,618
G2010 Roadways	\$42,777	\$0	\$42,777	
G2020 Parking Lots	\$1,518	\$0	\$1,518	
G2030 Pedestrian Paving	\$80,513	\$0	\$80,513	
G2040 Site Development	\$114,810	\$0	\$114,810	
<hr/>				
G30 Site Mechanical Utilities				\$219,076
G3010 Water Supply	\$24,051	\$0	\$24,051	
G3020 Sanitary Sewer	\$182,841	\$0	\$182,841	
G3030 Storm Sewer	\$12,184	\$0	\$12,184	

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
250	The International School at Thornton Middle	\$1,621,714	\$161,927	\$1,783,641
	C10 Interior Construction			\$29,596
	C1010 Partitions	\$29,596	\$0	\$29,596
	C30 Interior Finishes			\$509,792
	C3020 Floor Finishes	\$509,792	\$0	\$509,792
	D20 Plumbing			\$48,888
	D2020 Domestic Water Distribution	\$37,976	\$3,875	\$41,851
	D2030 Sanitary Waste	\$6,764	\$273	\$7,037
	D30 HVAC			\$260,646
	D3020 Heat Generating Systems	\$31,549	\$19,841	\$51,390
	D3030 Cooling Generating Systems	\$32,904	\$20,693	\$53,597
	D3040 Distribution Systems	\$37,803	\$14,980	\$52,783
	D3050 Terminal & Package Units	\$16,873	\$5,983	\$22,856
	D3060 Controls & Instrumentation	\$44,558	\$35,462	\$80,020
	D40 Fire Protection			\$5,474
	D4010 Sprinklers	\$2,784	\$290	\$3,074
	D4090 Other Fire Protection Systems	\$2,307	\$93	\$2,400
	D50 Electrical			\$688,263
	D5010 Electrical Service & Distribution	\$257,514	\$10,608	\$268,122
	D5020 Lighting & Branch Wiring	\$243,462	\$11,374	\$254,836
	D5030 Communications & Security	\$147,474	\$17,832	\$165,306
	E10 Equipment			\$152,868
	E1010 Commercial Equipment	\$71,311	\$17,319	\$88,630
	E1020 Institutional Equipment	\$60,934	\$3,304	\$64,238
	G20 Site Improvements			\$75,929
	G2020 Parking Lots	\$1,518	\$0	\$1,518
	G2030 Pedestrian Paving	\$66,308	\$0	\$66,308
	G2040 Site Development	\$8,103	\$0	\$8,103

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

G30 Site Mechanical Utilities			\$12,184
G3030 Storm Sewer	\$12,184	\$0	\$12,184

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
260	Westlake MS	\$2,537,040	\$509,332	\$3,046,372
	B20 Exterior Enclosure			\$8,566
	B2030 Exterior Doors	\$8,566	\$0	\$8,566
	C10 Interior Construction			\$41,534
	C1010 Partitions	\$31,239	\$0	\$31,239
	C1020 Interior Doors	\$10,295	\$0	\$10,295
	C20 Stairs			\$3,382
	C2010 Stair Construction	\$3,382	\$0	\$3,382
	C30 Interior Finishes			\$561,599
	C3020 Floor Finishes	\$561,599	\$0	\$561,599
	D10 Conveying			\$114,087
	D1010 Elevators and Lifts	\$114,087	\$0	\$114,087
	D20 Plumbing			\$209,116
	D2010 Plumbing Fixtures	\$98,308	\$11,089	\$109,397
	D2020 Domestic Water Distribution	\$53,782	\$19,227	\$73,009
	D2030 Sanitary Waste	\$3,382	\$1,545	\$4,927
	D2040 Rain Water Drainage	\$9,927	\$1,937	\$11,864
	D2090 Other Plumbing Systems	\$7,518	\$2,402	\$9,920
	D30 HVAC			\$308,566
	D3020 Heat Generating Systems	\$5,461	\$14,927	\$20,388
	D3030 Cooling Generating Systems	\$31,122	\$30,497	\$61,619
	D3040 Distribution Systems	\$10,861	\$24,167	\$35,028
	D3050 Terminal & Package Units	\$63,613	\$97,346	\$160,959
	D3060 Controls & Instrumentation	\$8,703	\$21,869	\$30,572
	D40 Fire Protection			\$6,763
	D4090 Other Fire Protection Systems	\$5,269	\$1,494	\$6,763
	D50 Electrical			\$739,113
	D5010 Electrical Service & Distribution	\$282,353	\$122,527	\$404,880
	D5020 Lighting & Branch Wiring	\$144,438	\$60,171	\$204,609

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Middle Schools**City:** Denver, CO

D5030	Communications & Security	\$74,908	\$25,814	\$100,722
D5090	Other Electrical Systems	\$21,904	\$6,998	\$28,902
E10 Equipment				\$158,703
E1010	Commercial Equipment	\$85,158	\$63,536	\$148,694
E1020	Institutional Equipment	\$6,223	\$3,786	\$10,009
G20 Site Improvements				\$699,614
G2020	Parking Lots	\$504,291	\$0	\$504,291
G2030	Pedestrian Paving	\$80,513	\$0	\$80,513
G2040	Site Development	\$114,810	\$0	\$114,810
G30 Site Mechanical Utilities				\$195,328
G3010	Water Supply	\$303	\$0	\$303
G3020	Sanitary Sewer	\$182,841	\$0	\$182,841
G3030	Storm Sewer	\$12,184	\$0	\$12,184
Facility Total:		\$15,440,156	\$6,108,282	\$21,548,438

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
380	Mountain Range HS	\$141,321	\$1,437	\$142,758
	C30 Interior Finishes			\$119,732
	C3020 Floor Finishes	\$119,732	\$0	\$119,732
	D20 Plumbing			\$2,066
	D2020 Domestic Water Distribution	\$1,947	\$119	\$2,066
	D50 Electrical			\$20,960
	D5030 Communications & Security	\$19,642	\$1,318	\$20,960

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Based on a 20-Year Forecast.

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
410	Bollman TEC	\$1,669,700	\$491,525	\$2,161,225
	B20 Exterior Enclosure			\$7,178
	B2030 Exterior Doors	\$7,178	\$0	\$7,178
	B30 Roofing			\$4,031
	B3010 Roof Coverings	\$3,307	\$724	\$4,031
	C10 Interior Construction			\$13,261
	C1010 Partitions	\$10,687	\$0	\$10,687
	C1020 Interior Doors	\$2,574	\$0	\$2,574
	C20 Stairs			\$2,212
	C2010 Stair Construction	\$2,212	\$0	\$2,212
	C30 Interior Finishes			\$129,419
	C3010 Wall Finishes	\$33,801	\$0	\$33,801
	C3020 Floor Finishes	\$95,618	\$0	\$95,618
	D20 Plumbing			\$119,737
	D2010 Plumbing Fixtures	\$36,904	\$4,578	\$41,482
	D2020 Domestic Water Distribution	\$48,175	\$23,052	\$71,227
	D2030 Sanitary Waste	\$3,382	\$1,643	\$5,025
	D2040 Rain Water Drainage	\$1,643	\$360	\$2,003
	D30 HVAC			\$244,303
	D3030 Cooling Generating Systems	\$21,983	\$23,718	\$45,701
	D3040 Distribution Systems	\$35,073	\$70,370	\$105,443
	D3050 Terminal & Package Units	\$3,917	\$9,347	\$13,264
	D3060 Controls & Instrumentation	\$25,761	\$54,133	\$79,894
	D50 Electrical			\$467,325
	D5010 Electrical Service & Distribution	\$158,377	\$36,435	\$194,812
	D5020 Lighting & Branch Wiring	\$149,767	\$49,402	\$199,169
	D5030 Communications & Security	\$33,330	\$10,535	\$43,865
	D5090 Other Electrical Systems	\$21,904	\$7,576	\$29,480

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**Degradation Cost is defined as additional cost (penalty cost) incurred by maintenance deferral.

Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

E10 Equipment				\$657,842
E1010 Commercial Equipment	\$4,268	\$3,463		\$7,731
E1020 Institutional Equipment	\$453,922	\$196,189		\$650,111
<hr/>				
G20 Site Improvements				\$385,188
G2010 Roadways	\$124,950	\$0		\$124,950
G2020 Parking Lots	\$96,687	\$0		\$96,687
G2030 Pedestrian Paving	\$78,211	\$0		\$78,211
G2040 Site Development	\$85,340	\$0		\$85,340
<hr/>				
G30 Site Mechanical Utilities				\$130,729
G3010 Water Supply	\$31,845	\$0		\$31,845
G3020 Sanitary Sewer	\$95,999	\$0		\$95,999
G3030 Storm Sewer	\$2,885	\$0		\$2,885

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
312	Horizon HS	\$5,689,655	\$1,333,782	\$7,023,437
	B30 Roofing			\$3,623
	B3010 Roof Coverings	\$3,154	\$469	\$3,623
	C10 Interior Construction			\$78,266
	C1010 Partitions	\$78,266	\$0	\$78,266
	C30 Interior Finishes			\$905,456
	C3010 Wall Finishes	\$10,150	\$0	\$10,150
	C3020 Floor Finishes	\$895,306	\$0	\$895,306
	D10 Conveying			\$126,359
	D1010 Elevators and Lifts	\$126,359	\$0	\$126,359
	D20 Plumbing			\$241,026
	D2010 Plumbing Fixtures	\$9,143	\$369	\$9,512
	D2020 Domestic Water Distribution	\$152,546	\$21,468	\$174,014
	D2030 Sanitary Waste	\$40,620	\$2,624	\$43,244
	D2090 Other Plumbing Systems	\$12,591	\$1,665	\$14,256
	D30 HVAC			\$3,042,438
	D3020 Heat Generating Systems	\$309,434	\$181,511	\$490,945
	D3030 Cooling Generating Systems	\$122,986	\$33,161	\$156,147
	D3040 Distribution Systems	\$1,271,625	\$489,651	\$1,761,276
	D3050 Terminal & Package Units	\$325,707	\$110,888	\$436,595
	D3060 Controls & Instrumentation	\$89,465	\$108,009	\$197,474
	D40 Fire Protection			\$2,650
	D4090 Other Fire Protection Systems	\$2,307	\$343	\$2,650
	D50 Electrical			\$2,048,612
	D5010 Electrical Service & Distribution	\$512,970	\$76,768	\$589,738
	D5020 Lighting & Branch Wiring	\$954,743	\$156,227	\$1,110,970
	D5030 Communications & Security	\$250,942	\$74,173	\$325,115
	D5090 Other Electrical Systems	\$21,904	\$885	\$22,789

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

E10 Equipment				\$335,351
E1010 Commercial Equipment		\$139,508	\$52,840	\$192,348
E1020 Institutional Equipment		\$120,273	\$22,730	\$143,003
G20 Site Improvements				\$223,716
G2020 Parking Lots		\$7,479	\$0	\$7,479
G2030 Pedestrian Paving		\$173,407	\$0	\$173,407
G2040 Site Development		\$42,830	\$0	\$42,830
G30 Site Mechanical Utilities				\$15,940
G3010 Water Supply		\$4,718	\$0	\$4,718
G3030 Storm Sewer		\$11,222	\$0	\$11,222

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
370	Legacy HS	\$356,163	\$36,691	\$392,854
	C30 Interior Finishes			\$3,133
	C3020 Floor Finishes	\$3,133	\$0	\$3,133
	D20 Plumbing			\$4,335
	D2020 Domestic Water Distribution	\$3,802	\$533	\$4,335
	D30 HVAC			\$157,719
	D3020 Heat Generating Systems	\$51,730	\$5,302	\$57,032
	D3030 Cooling Generating Systems	\$29,150	\$2,988	\$32,138
	D3060 Controls & Instrumentation	\$56,395	\$12,153	\$68,548
	D50 Electrical			\$82,535
	D5030 Communications & Security	\$76,448	\$6,087	\$82,535
	E10 Equipment			\$126,432
	E1010 Commercial Equipment	\$116,804	\$9,628	\$126,432
	G20 Site Improvements			\$7,479
	G2020 Parking Lots	\$7,479	\$0	\$7,479
	G30 Site Mechanical Utilities			\$11,222
	G3030 Storm Sewer	\$11,222	\$0	\$11,222

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
332	Northglenn HS	\$5,104,240	\$2,633,389	\$7,737,629
	B10 Super Structure			\$6,460
	B1020 Roof Construction	\$6,460	\$0	\$6,460
	B30 Roofing			\$5,601
	B3010 Roof Coverings	\$3,154	\$2,447	\$5,601
	C10 Interior Construction			\$60,756
	C1020 Interior Doors	\$60,756	\$0	\$60,756
	C20 Stairs			\$7,979
	C2010 Stair Construction	\$7,979	\$0	\$7,979
	C30 Interior Finishes			\$624,899
	C3020 Floor Finishes	\$624,899	\$0	\$624,899
	D10 Conveying			\$235,752
	D1010 Elevators and Lifts	\$235,752	\$0	\$235,752
	D20 Plumbing			\$435,072
	D2010 Plumbing Fixtures	\$168,452	\$37,354	\$205,806
	D2020 Domestic Water Distribution	\$83,886	\$52,403	\$136,289
	D2030 Sanitary Waste	\$12,440	\$2,123	\$14,563
	D2040 Rain Water Drainage	\$43,794	\$12,582	\$56,376
	D2090 Other Plumbing Systems	\$12,591	\$9,448	\$22,039
	D30 HVAC			\$3,172,187
	D3020 Heat Generating Systems	\$145,234	\$42,531	\$187,765
	D3030 Cooling Generating Systems	\$119,586	\$326,883	\$446,469
	D3040 Distribution Systems	\$365,562	\$939,595	\$1,305,157
	D3050 Terminal & Package Units	\$504,828	\$727,968	\$1,232,796
	D40 Fire Protection			\$32,137
	D4010 Sprinklers	\$2,784	\$56	\$2,840
	D4090 Other Fire Protection Systems	\$15,937	\$13,360	\$29,297
	D50 Electrical			\$1,473,985

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools**City:** Denver, CO

D5010	Electrical Service & Distribution	\$653,747	\$263,299	\$917,046
D5020	Lighting & Branch Wiring	\$194,322	\$123,890	\$318,212
D5030	Communications & Security	\$186,228	\$17,959	\$204,187
D5090	Other Electrical Systems	\$21,904	\$12,636	\$34,540
<hr/>				
E10	Equipment			\$135,389
E1010	Commercial Equipment	\$83,422	\$47,156	\$130,578
E1020	Institutional Equipment	\$3,112	\$1,699	\$4,811
<hr/>				
G20	Site Improvements			\$1,248,534
G2010	Roadways	\$135,248	\$0	\$135,248
G2020	Parking Lots	\$143,572	\$0	\$143,572
G2030	Pedestrian Paving	\$661,245	\$0	\$661,245
G2040	Site Development	\$308,469	\$0	\$308,469
<hr/>				
G30	Site Mechanical Utilities			\$200,637
G3010	Water Supply	\$4,718	\$0	\$4,718
G3020	Sanitary Sewer	\$184,697	\$0	\$184,697
G3030	Storm Sewer	\$11,222	\$0	\$11,222
<hr/>				
G40	Site Electrical Utilities			\$98,240
G4020	Site Lighting	\$98,240	\$0	\$98,240

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
352	Thornton HS	\$4,149,563	\$2,457,678	\$6,607,241
	B20 Exterior Enclosure			\$21,534
	B2030 Exterior Doors	\$21,534	\$0	\$21,534
	B30 Roofing			\$4,687
	B3010 Roof Coverings	\$3,154	\$1,533	\$4,687
	C10 Interior Construction			\$60,390
	C1010 Partitions	\$55,243	\$0	\$55,243
	C1020 Interior Doors	\$5,147	\$0	\$5,147
	C20 Stairs			\$7,979
	C2010 Stair Construction	\$7,979	\$0	\$7,979
	C30 Interior Finishes			\$223,615
	C3010 Wall Finishes	\$10,150	\$0	\$10,150
	C3020 Floor Finishes	\$178,853	\$0	\$178,853
	C3030 Ceiling Finishes	\$34,612	\$0	\$34,612
	D20 Plumbing			\$216,373
	D2010 Plumbing Fixtures	\$85,211	\$11,334	\$96,545
	D2020 Domestic Water Distribution	\$72,247	\$24,785	\$97,032
	D2040 Rain Water Drainage	\$18,701	\$4,095	\$22,796
	D30 HVAC			\$4,350,455
	D3020 Heat Generating Systems	\$65,585	\$143,713	\$209,298
	D3030 Cooling Generating Systems	\$224,205	\$292,509	\$516,714
	D3040 Distribution Systems	\$1,780,909	\$1,509,240	\$3,290,149
	D3050 Terminal & Package Units	\$145,300	\$188,993	\$334,293
	D40 Fire Protection			\$3,718
	D4090 Other Fire Protection Systems	\$2,800	\$918	\$3,718
	D50 Electrical			\$613,552
	D5010 Electrical Service & Distribution	\$251,130	\$122,036	\$373,166
	D5020 Lighting & Branch Wiring	\$145,797	\$67,729	\$213,526
	D5030 Communications & Security	\$22,264	\$4,597	\$26,861

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

E10 Equipment				\$204,674
E1010 Commercial Equipment	\$107,587	\$79,220		\$186,807
E1020 Institutional Equipment	\$10,891	\$6,977		\$17,868
<hr/>				
G20 Site Improvements				\$625,948
G2020 Parking Lots	\$143,997	\$0		\$143,997
G2030 Pedestrian Paving	\$173,482	\$0		\$173,482
G2040 Site Development	\$308,469	\$0		\$308,469
<hr/>				
G30 Site Mechanical Utilities				\$200,637
G3010 Water Supply	\$4,718	\$0		\$4,718
G3020 Sanitary Sewer	\$184,697	\$0		\$184,697
G3030 Storm Sewer	\$11,222	\$0		\$11,222
<hr/>				
G40 Site Electrical Utilities				\$73,679
G4020 Site Lighting	\$73,679	\$0		\$73,679

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
510	Vantage Point HS/Crossroads MS	\$1,165,567	\$479,753	\$1,645,320
	B10 Super Structure			\$2,079
	B1020 Roof Construction	\$2,079	\$0	\$2,079
	B20 Exterior Enclosure			\$13,069
	B2030 Exterior Doors	\$13,069	\$0	\$13,069
	C10 Interior Construction			\$158,025
	C1020 Interior Doors	\$158,025	\$0	\$158,025
	C20 Stairs			\$2,602
	C2010 Stair Construction	\$2,602	\$0	\$2,602
	C30 Interior Finishes			\$97,264
	C3020 Floor Finishes	\$97,264	\$0	\$97,264
	D20 Plumbing			\$152,115
	D2010 Plumbing Fixtures	\$26,416	\$9,298	\$35,714
	D2020 Domestic Water Distribution	\$36,989	\$24,100	\$61,089
	D2030 Sanitary Waste	\$10,438	\$6,293	\$16,731
	D2040 Rain Water Drainage	\$12,001	\$3,152	\$15,153
	D2090 Other Plumbing Systems	\$20,108	\$3,319	\$23,427
	D30 HVAC			\$518,064
	D3020 Heat Generating Systems	\$9,960	\$51,240	\$61,200
	D3030 Cooling Generating Systems	\$24,993	\$54,196	\$79,189
	D3040 Distribution Systems	\$111,398	\$88,896	\$200,294
	D3050 Terminal & Package Units	\$39,361	\$86,366	\$125,727
	D3060 Controls & Instrumentation	\$16,014	\$35,640	\$51,654
	D40 Fire Protection			\$1,462
	D4090 Other Fire Protection Systems	\$1,086	\$376	\$1,462
	D50 Electrical			\$51,505
	D5020 Lighting & Branch Wiring	\$20,144	\$7,793	\$27,937
	D5030 Communications & Security	\$20,054	\$3,514	\$23,568

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 High Schools**City:** Denver, CO

E10 Equipment				\$196,156
E1010 Commercial Equipment	\$87,933	\$104,651		\$192,584
E1020 Institutional Equipment	\$2,654	\$918		\$3,572
<hr/>				
G20 Site Improvements				\$271,475
G2010 Roadways	\$103,021	\$0		\$103,021
G2020 Parking Lots	\$803	\$0		\$803
G2030 Pedestrian Paving	\$66,165	\$0		\$66,165
G2040 Site Development	\$101,486	\$0		\$101,486
<hr/>				
G30 Site Mechanical Utilities				\$156,944
G3010 Water Supply	\$37,743	\$0		\$37,743
G3020 Sanitary Sewer	\$115,674	\$0		\$115,674
G3030 Storm Sewer	\$3,527	\$0		\$3,527
<hr/>				
G40 Site Electrical Utilities				\$24,560
G4020 Site Lighting	\$24,560	\$0		\$24,560
<hr/>				
Facility Total:	\$18,276,209	\$7,434,255		\$25,710,464

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
351M	351M - Tarver ES	\$25,936	\$0	\$25,936
	B30 Roofing			\$529
	B3010 Roof Coverings	\$529	\$0	\$529
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$5,220
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3050 Terminal & Package Units	\$2,371	\$0	\$2,371
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$11,543
	D5020 Lighting & Branch Wiring	\$9,601	\$0	\$9,601
	D5030 Communications & Security	\$1,942	\$0	\$1,942

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
350M	350M - Tarver ES	\$25,936	\$0	\$25,936
	B30 Roofing			\$529
	B3010 Roof Coverings	\$529	\$0	\$529
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$5,220
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3050 Terminal & Package Units	\$2,371	\$0	\$2,371
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$11,543
	D5020 Lighting & Branch Wiring	\$9,601	\$0	\$9,601
	D5030 Communications & Security	\$1,942	\$0	\$1,942
354M	354M - Horizon HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
353M	353M - Horizon HS	\$1,296	\$0	\$1,296
	D30 HVAC			\$696
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
352M	352M - Federal Heights ES	\$15,521	\$0	\$15,521
	B30 Roofing			\$529
	B3010 Roof Coverings	\$529	\$0	\$529
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$11,543
	D5020 Lighting & Branch Wiring	\$9,601	\$0	\$9,601
	D5030 Communications & Security	\$1,942	\$0	\$1,942

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
356M	356M - Silver Creek ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
355M	355M - Horizon HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

All costs expressed in (\$) 2015. Uniformats not appearing on this report have zero deferred maintenance.

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**Degradation Cost is defined as additional cost (penalty cost) incurred by maintenance deferral.

Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
357M	357M - Northglenn HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
146	New Mobile Classroom Template	\$25,936	\$0	\$25,936
	B30 Roofing			\$529
	B3010 Roof Coverings	\$529	\$0	\$529
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$5,220
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3050 Terminal & Package Units	\$2,371	\$0	\$2,371
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$11,543
	D5020 Lighting & Branch Wiring	\$9,601	\$0	\$9,601
	D5030 Communications & Security	\$1,942	\$0	\$1,942

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
358M	358M - Northglenn HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
359M	359M - Northglenn MS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
364M	364M - Meridian ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
375M	375M - Horizon HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

All costs expressed in (\$) 2015. Uniformats not appearing on this report have zero deferred maintenance.

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
374M	374M - Meridian ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
373M	373M - Cotton Creek ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
369M	369M - Thornton HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
370M	370M - Thornton HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
368M	368M - Hunters Glen ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
367M	367M - Hunters Glen ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
366M	366M - Hunters Glen ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
390M	390M - Arapahoe Ridge ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
389M	389M - Arapahoe Ridge ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
388M	388M - Arapahoe Ridge ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
384M	384M - Federal Heights ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
381M	381M - Stellar ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
380M	380M - Silver Creek ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
379M	379M - Silver Creek ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
378M	378M - Thornton HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
377M	377M - Thornton HS	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
399M	399M - Cotton Creek ES	\$1,296	\$0	\$1,296
	D30 HVAC			\$696
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
397M	397M - Century MS	\$1,296	\$0	\$1,296
	D30 HVAC			\$696
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
396M	396M - Coyote Ridge ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
395M	395M - Coyote Ridge ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
393M	393M - Cotton Creek ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: Mobile Classrooms

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
392M	392M - Meridian ES	\$14,908	\$0	\$14,908
	C30 Interior Finishes			\$8,044
	C3020 Floor Finishes	\$8,044	\$0	\$8,044
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
391M	391M - Arapahoe Ridge ES	\$6,864	\$0	\$6,864
	D30 HVAC			\$2,849
	D3040 Distribution Systems	\$2,153	\$0	\$2,153
	D3060 Controls & Instrumentation	\$696	\$0	\$696
	D40 Fire Protection			\$600
	D4030 Fire Protection Specialties	\$600	\$0	\$600
	D50 Electrical			\$3,415
	D5020 Lighting & Branch Wiring	\$1,809	\$0	\$1,809
	D5030 Communications & Security	\$1,606	\$0	\$1,606
Facility Total:		\$465,197	\$0	\$465,197

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Auxiliary Buildings

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
972	North Stadium	\$9,722	\$294	\$10,016
	D20 Plumbing			\$4,962
	D2020 Domestic Water Distribution	\$4,865	\$97	\$4,962
	D50 Electrical			\$5,053
	D5030 Communications & Security	\$4,857	\$196	\$5,053

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Auxiliary Buildings

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
970	Five Star Stadium	\$625,515	\$1,567	\$627,082
	B20 Exterior Enclosure			\$4,785
	B2030 Exterior Doors	\$4,785	\$0	\$4,785
	B30 Roofing			\$1,200
	B3010 Roof Coverings	\$1,000	\$200	\$1,200
	C10 Interior Construction			\$5,228
	C1020 Interior Doors	\$5,228	\$0	\$5,228
	C20 Stairs			\$357,017
	C2010 Stair Construction	\$357,017	\$0	\$357,017
	D20 Plumbing			\$4,604
	D2010 Plumbing Fixtures	\$3,044	\$61	\$3,105
	D2020 Domestic Water Distribution	\$1,343	\$156	\$1,499
	D30 HVAC			\$6,214
	D3060 Controls & Instrumentation	\$5,918	\$296	\$6,214
	D40 Fire Protection			\$3,074
	D4010 Sprinklers	\$2,784	\$290	\$3,074
	D50 Electrical			\$7,845
	D5020 Lighting & Branch Wiring	\$352	\$72	\$424
	D5030 Communications & Security	\$7,275	\$146	\$7,421
	E10 Equipment			\$17,651
	E1010 Commercial Equipment	\$17,305	\$346	\$17,651
	G20 Site Improvements			\$131,958
	G2030 Pedestrian Paving	\$8,012	\$0	\$8,012
	G2040 Site Development	\$123,946	\$0	\$123,946
	G30 Site Mechanical Utilities			\$50,666
	G3020 Sanitary Sewer	\$50,025	\$0	\$50,025
	G3030 Storm Sewer	\$641	\$0	\$641
	G40 Site Electrical Utilities			\$36,840

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Auxiliary Buildings City: Denver, CO
 G4020 Site Lighting \$36,840 \$0 \$36,840

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
971	Stadium Annex	\$216,146	\$203,269	\$419,415
	B20 Exterior Enclosure			\$7,229
	B2030 Exterior Doors	\$7,229	\$0	\$7,229
	C10 Interior Construction			\$9,692
	C1010 Partitions	\$8,609	\$0	\$8,609
	C1020 Interior Doors	\$1,083	\$0	\$1,083
	C20 Stairs			\$4,033
	C2010 Stair Construction	\$4,033	\$0	\$4,033
	C30 Interior Finishes			\$35,205
	C3020 Floor Finishes	\$35,205	\$0	\$35,205
	D20 Plumbing			\$47,514
	D2010 Plumbing Fixtures	\$7,179	\$1,572	\$8,751
	D2020 Domestic Water Distribution	\$28,731	\$9,345	\$38,076
	D2030 Sanitary Waste	\$622	\$65	\$687
	D30 HVAC			\$230,155
	D3020 Heat Generating Systems	\$40,538	\$141,743	\$182,281
	D3040 Distribution Systems	\$15,233	\$21,572	\$36,805
	D3060 Controls & Instrumentation	\$5,206	\$5,863	\$11,069
	D40 Fire Protection			\$5,862
	D4010 Sprinklers	\$2,784	\$1,436	\$4,220
	D4090 Other Fire Protection Systems	\$987	\$655	\$1,642
	D50 Electrical			\$73,816
	D5010 Electrical Service & Distribution	\$13,450	\$4,652	\$18,102
	D5020 Lighting & Branch Wiring	\$37,735	\$15,739	\$53,474
	D5030 Communications & Security	\$1,613	\$627	\$2,240
	G20 Site Improvements			\$5,909
	G2040 Site Development	\$5,909	\$0	\$5,909

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Auxiliary Buildings

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
630	Student & Family Resource Center	\$272,505	\$69,883	\$342,388
	B20 Exterior Enclosure			\$8,281
	B2020 Exterior Windows	\$8,281	\$0	\$8,281
	B30 Roofing			\$2,566
	B3020 Roof Openings	\$716	\$1,850	\$2,566
	C20 Stairs			\$2,342
	C2010 Stair Construction	\$2,342	\$0	\$2,342
	C30 Interior Finishes			\$47,041
	C3020 Floor Finishes	\$47,041	\$0	\$47,041
	D10 Conveying			\$121,665
	D1010 Elevators and Lifts	\$121,665	\$0	\$121,665
	D20 Plumbing			\$18,333
	D2010 Plumbing Fixtures	\$8,730	\$1,912	\$10,642
	D2020 Domestic Water Distribution	\$84	\$91	\$175
	D2030 Sanitary Waste	\$2,644	\$2,567	\$5,211
	D2040 Rain Water Drainage	\$2,007	\$298	\$2,305
	D30 HVAC			\$78,010
	D3020 Heat Generating Systems	\$2,657	\$5,912	\$8,569
	D3040 Distribution Systems	\$4,311	\$13,402	\$17,713
	D3050 Terminal & Package Units	\$10,822	\$1,109	\$11,931
	D3060 Controls & Instrumentation	\$9,369	\$30,428	\$39,797
	D40 Fire Protection			\$300
	D4090 Other Fire Protection Systems	\$198	\$102	\$300
	D50 Electrical			\$50,412
	D5010 Electrical Service & Distribution	\$10,690	\$1,349	\$12,039
	D5020 Lighting & Branch Wiring	\$21,006	\$9,936	\$30,942
	D5030 Communications & Security	\$6,726	\$706	\$7,432
	E10 Equipment			\$1,714

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Based on a 20-Year Forecast.

Forecast Year: 2014

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Auxiliary Buildings**City:** Denver, CO

E1010	Commercial Equipment	\$1,492	\$222	\$1,714
<hr/>				
G20	Site Improvements			\$5,857
G2020	Parking Lots	\$431	\$0	\$431
G2030	Pedestrian Paving	\$5,426	\$0	\$5,426
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G30	Site Mechanical Utilities			\$5,867
G3010	Water Supply	\$5,867	\$0	\$5,867
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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

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Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Auxiliary Buildings

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
620	Huron Office Building	\$69,186	\$15,439	\$84,625
	B20 Exterior Enclosure			\$23,300
	B2020 Exterior Windows	\$13,057	\$0	\$13,057
	B2030 Exterior Doors	\$10,243	\$0	\$10,243
	C10 Interior Construction			\$1,565
	C1010 Partitions	\$1,565	\$0	\$1,565
	C30 Interior Finishes			\$1,345
	C3020 Floor Finishes	\$1,345	\$0	\$1,345
	D20 Plumbing			\$7,922
	D2020 Domestic Water Distribution	\$2,044	\$653	\$2,697
	D2030 Sanitary Waste	\$2,333	\$347	\$2,680
	D2040 Rain Water Drainage	\$2,007	\$538	\$2,545
	D30 HVAC			\$34,621
	D3020 Heat Generating Systems	\$10,738	\$11,853	\$22,591
	D3040 Distribution Systems	\$1,506	\$154	\$1,660
	D3060 Controls & Instrumentation	\$9,021	\$1,349	\$10,370
	D50 Electrical			\$4,105
	D5020 Lighting & Branch Wiring	\$1,000	\$40	\$1,040
	D5030 Communications & Security	\$2,782	\$283	\$3,065
	E10 Equipment			\$1,714
	E1010 Commercial Equipment	\$1,492	\$222	\$1,714
	G20 Site Improvements			\$3,913
	G2020 Parking Lots	\$68	\$0	\$68
	G2030 Pedestrian Paving	\$3,845	\$0	\$3,845
	G40 Site Electrical Utilities			\$6,140
	G4020 Site Lighting	\$6,140	\$0	\$6,140

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Based on a 20-Year Forecast.

Forecast Year: 2014

20-Oct-15

Deferred Maintenance By Uniformat by Building

Whitestone Research

Facility: AD12 Auxiliary Buildings

City: Denver, CO

Building Number	Building Name	Deferred* Maintenance	Degradation Cost**	Total Deferred Maintenance
601	Educational Support Center	\$1,424,106	\$50,360	\$1,474,466
	C30 Interior Finishes			\$456,462
	C3020 Floor Finishes	\$456,462	\$0	\$456,462
	D20 Plumbing			\$38,923
	D2010 Plumbing Fixtures	\$10,144	\$1,379	\$11,523
	D2020 Domestic Water Distribution	\$19,122	\$2,250	\$21,372
	D2030 Sanitary Waste	\$5,352	\$675	\$6,027
	D30 HVAC			\$191,897
	D3020 Heat Generating Systems	\$16,149	\$3,401	\$19,550
	D3040 Distribution Systems	\$63,026	\$13,232	\$76,258
	D3050 Terminal & Package Units	\$26,138	\$7,221	\$33,359
	D3060 Controls & Instrumentation	\$43,167	\$19,563	\$62,730
	D40 Fire Protection			\$11,033
	D4010 Sprinklers	\$5,568	\$702	\$6,270
	D4090 Other Fire Protection Systems	\$4,344	\$419	\$4,763
	D50 Electrical			\$31,134
	D5020 Lighting & Branch Wiring	\$11,855	\$663	\$12,518
	D5030 Communications & Security	\$17,824	\$792	\$18,616
	E10 Equipment			\$1,209
	E1010 Commercial Equipment	\$1,147	\$62	\$1,209
	G20 Site Improvements			\$741,564
	G2010 Roadways	\$297,970	\$0	\$297,970
	G2020 Parking Lots	\$443,011	\$0	\$443,011
	G2030 Pedestrian Paving	\$583	\$0	\$583
	G30 Site Mechanical Utilities			\$2,244
	G3030 Storm Sewer	\$2,244	\$0	\$2,244
Facility Total:		\$2,617,180	\$340,812	\$2,957,992

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Forecast Year: 2014

20-Oct-15