

## Capital Asset Depreciation Calculation

Institution of Higher Education	Project Type	Short Project Name	Brief Description	Completion/ Acquisition Date	Useful Life (Years)	Final Total Cost	Total Project Expenditures Funded from CCF or CMTF	Percentage of Total Cost Funded from CCF or CMTF	1% of Total Project Cost	Total Depreciation Amount	Depreciation Amount Equal to Pet of Project Funded from CCF or CMTF	Annual Depreciation Amount Equal to Pet of Project Funded from CCF or CMTF	Annual Depreciation Amount Minus 1% of Total Project Cost
Colorado NW Community College	Maintenance	Replace Roof, McLaughlin Bldg	The scope of the project originally included only the resurfacing of the McLaughlin Roof. However, it was discovered that a majority of the decking required replacement. Therefore, the final scope of the project included re-decking, re-surfacing, and a limited amount of storm water management (which required some areas of the roof being built up so a proper slope was present)	10/3/2016	20	\$900,999	\$801,339	89%	\$8,013	\$900,999	\$801,339	\$40,067	\$32,054
Front Range Community College	Maintenance	Install Fire line Backflow Preventers	The back flow preventers were required to be in a small structures with a tempered environment in order to prevent freezing of the water supply. Additional lengths of underground fire line are required to complete the replacement of the campus fire line service and to tie into the back flow preventer devices and district system.	12/15/2016	20	\$442,976	\$442,976	100%	\$4,430	\$442,976	\$442,976	\$22,149	\$17,719
Front Range Community College	Maintenance	Upgrade Fire Alarm Notifier System	The scope included removal and replacement of entire fire alarm system for each building listed. The systems were upgraded to a fiber base system vs an analog base system in order to modernize fire alarm panels.	1/20/2017	20	\$864,346	\$864,346	100%	\$8,643	\$864,346	\$864,346	\$43,217	\$34,574
Pueblo Community College	Maintenance	Replace Potable Water Lines	Repair portable water feed to Medical Technology and Health Sciences Buildings on the Pueblo Campus. Also installed backflow preventer system.	6/30/2017	20	\$107,325	\$107,325	100%	\$1,073	\$107,325	\$107,325	\$5,366	\$4,293
Pueblo Community College	Maintenance	Replace Electrical Service and Distribution	SCCC West, Replace faulty electrical distribution panels and wire, correct code violations, replace existing transformers. Project was allowed to increase to \$667,319 by LF.	6/5/2017	20	\$528,272	\$528,272	100%	\$5,283	\$528,272	\$528,272	\$26,414	\$21,131
Colorado State University	Maintenance	College Lake Dam Repairs	College Lake Dam Repairs	4-Oct-16	20	\$ 1,284,555.90	\$ 696,708.00	54%	\$ 6,967	1,284,555.90	\$ 696,708	\$ 34,835	\$ 27,868.32
University of Colorado Denver	CM	Repair Utility Vault 3.1	SB 15-234	1/25/2017	30	\$216,886.00	\$216,886.00	100%	\$2,169	216,886.00	216,886.00	\$3,012	\$843.45

Capital Assets Depreciation Narrative FY 2017-2018  
Colorado Department of Higher Education

**INSTRUCTIONS:** Please include a brief explanation (approximately one page in length) for how the depreciation-equivalent payment was calculated for each project report. Institutions should provide a summary of the project, and then summarize the components of the total project with costs, or list the assets that will be subject to depreciation and the depreciation schedule for each asset. *Please include additional tabs as needed in the template.*

This written explanation should be submitted with the institution's completed template by COB August 3rd.

**Institution Name:** Colorado Northwestern Community College

**Project Name:** McLaughlin Re-Roof Project

**Fiscal Year Project Completed:** FY17

**Explanation of depreciation calculation:** The project was funded by a combination of controlled maintenance fundings and institutional cash funds. Therefore, depreciation-equivalent payment was calculated by only considering the CM funds and utilizing a straightline methodology. The project was estimated to have a twenty year life. So by taking the amount of CM funds divided by the 20 year estimated useful life a annual depreciation amount was determined. Lastly, 1% of the projects costs funded by CM funds was substrated from the annual depreciation amount to determine the depreciation-equivalent payment.

The McLaughlin Roof replacement project consisted of essentially removing the existing roof, including the decking, and then replacing everything from the decking through resurfacing. Overall, the project consisted of the following costs:

Professional Services - \$81,095.00

Construction

-Infrastructure (site improvement) - \$14,100.20

Structure/Systems/Components - \$643,398.00

Other: Change Orders - \$142,556.00 (This total was due to the replacement of the decking which had been taken out of the demo plan)

Owner supplied materials - \$19,850.00

Total = \$900,999.20

The only assets being depreciated is the roof since all of the above costs were utilized in conjunction to replace the roof.

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**Institution Name:** Front Range Community College

**Project Name:** 057M15 Fire Alarm Back Flow Preventor

**Fiscal Year Project Completed:** 2017

**Explanation of depreciation calculation:**

This project's cost upon completion was \$442,976.40. It will be depreciated over 20 years using the straight line method. The in service date of this asset was January 1, 2017. Thus the first year's depreciation is for six months in the amount of \$11,074.41. The remaining years annual depreciation will be \$22,148.82 until fully depreciated.

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**Institution Name:** Front Range Community College

**Project Name:** 124M15 Upgrade Fire Alarm Notifier System

**Fiscal Year Project Completed:** 2017

**Explanation of depreciation calculation:**

This project's cost upon completion was \$864,345.88. It will be depreciated over 20 years using the straight line method. The in service date of this asset was January 1, 2017. Thus the first year's depreciation is for six months in the amount of \$21,608.65. The remaining years annual depreciation will be \$43,217.30 until fully depreciated.

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**Institution Name: Pueblo Community College**

**Project Name: Replace Potable Water Lines (054M15)**

**Fiscal Year Project Completed: 2017**

**Explanation of depreciation calculation: Straight-Line**

Summary of the Project: Repair Portable Water Feed to Medical Technology and Health Sciences Buildings on the Pueblo Campus. Also installed backflow preventer system. Components of the total project costs are as follows: \$238 advertising, \$16,140.05 professional services and \$90,949 in total construction costs. The total cost of the project equaled \$107,327.05. Depreciation - Total Project Cost/Useful Life;  $\$107,327.05/20=\$5,366.25$  per year.

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**Institution Name:** Pueblo Community College

**Project Name:** Electrical Service Distribution Mancos

**Fiscal Year Project Completed:** 2017

**Explanation of depreciation calculation:** Straight-Line

Summary of the project: SCCC West, Replace faulty electrical distribution panels and wire, correct code violations, replace existing transformers. Components of total project costs are as follows: \$371.42 advertising, \$1,909.20 architectural and engineering, \$67,230 professional service and construction costs \$458,761.49. The total cost of the project equaled \$528,272.49. Depreciation - Total Project Cost/Useful Life;  $\$528,272.49/20=\$26,413.62$  per year.

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**Institution Name: Colorado State University**

**Project Name: College Lake Dam Repairs**

**Fiscal Year Project Completed: 2017**

**Explanation of depreciation calculation: Straight Line (1/2 year convention - year one)**

State controlled maintenance project to upgrade College Lake Dam on the Foothills Campus to meet new classification as a High Hazard, Small Dam. Project completed in conjunction with CSU funded project. Raise and restore approximately 1,000 linear feet of the dam crest to a uniform elevation by placing and compacting fill material on the dam. Improvements to outlet structures. Work includes design, earthwork, soil testing, and a report to the State Engineer. Regulatory requirement.

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**Institution Name:** University of Colorado Denver

**Project Name:** Repair Utility Vault 3.1

**Fiscal Year Project Completed:** FY 2016-17

**Explanation of depreciation calculation:**

The depreciation is based upon the estimated useful life of the utility vault.