

Douglas County School District **Master Capital Plan**

2017-2018



Douglas County School District
Learn Today, Lead Tomorrow

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August 1st, 2017

DCSD Board of Education, Administration, and Community,

We are pleased to introduce the 2017-2018 Master Capital Plan for the Douglas County School District. This is the primary document produced annually by the Board of Education's Long Range Planning Committee (LRPC) in conjunction with the DCSD Planning & Construction department. Given the scope of the district and the vital role of its assets, this is arguably one of the most vital reports of the year.

Next August nearly 68,000 public school students will begin the 2017-2018 school year in our school district, which geographically, is nearly the size of Rhode Island and in terms of enrollment, is the third largest district in the state of Colorado. Students and their parents will be choosing from a variety of educational programs housed in over 100 buildings and 124 mobiles. Many will ride in one of our 354 buses. Once they arrive they will use some of our over 50,000 digital devices and be overseen by our 1,400 plus security cameras. Combined, these assets along with other capital belonging to the district, have a replacement value of nearly \$3 billion. These assets will be used by nearly 9,000 staff members, from teachers to drivers, all of whom hope to elevate our collective future through our children.

This annual report highlights the current and projected state of the physical environment in place today and needed for the future to meet requirements for educating children in our local public schools across Douglas and northwest Elbert counties. As taxpayers, we have collectively assembled square footage of space equivalent to nearly five Park Meadows Malls. The need to maintain, improve and optimize this investment is important to every resident.

Buildings. Buses. Bytes.

While education discussions are often focused on the vital "teacher-student" context, the reality is there is large capital intensive infrastructure behind every modern classroom relationship. The physical space in which education occurs is vital to the education of DCSD students.

Not unlike the home or business of every property owner in Douglas County, this infrastructure represents a large commitment that requires upkeep and investment. For example, few homes have water heaters or air conditioners that last forever. School facilities are different only in scale.

Consider these numbers (all are estimates in 2017 dollars with dependencies on potential regulatory, project management, and inflation costs):

Douglas County School District's most important reinvestment needs over the next five years currently totals \$59.1 to \$82.5 million. These are noted as Tier 1 - High Priority needs in the Master Capital Plan. This includes \$54 to \$78 million for facility reinvestment, \$2.6 million for technology and \$2.2 million for Transportation's (e.g. buses) most important needs. Within this total, it is estimated that \$42.2 to \$54.8 million is needed in the first year alone just for facility reinvestment needs, and \$31 to \$40.3 million of this amount is needed to address the most critical facility reinvestment needs that could potentially close a school if failure were to occur. Finally, it's currently estimated that approximately \$106.8 million is needed to address projected new construction needs. Projecting these needs continues to require a dynamic process as demographic changes, new residential construction, and new charter schools affect those needs on a continuing basis.

High Demand for High School Space.

The most important factor driving new construction demands is this simple fact: the median student age in our district is increasing the need for additional high school space. Current projections indicate the need for an expansion to Castle View High School within the next 5 years and potentially, 2 additional high schools in the Lone Tree/Ridgeway area and the Sterling Ranch development within the next 10 years. Past experience indicates charter schools are unlikely to meet that need. Beyond high school space, one new elementary school is projected to be needed in the next five years, and four additional elementary schools appear likely to be needed in fast growing areas of Castle Rock and Castle Pines in the 6-10 year horizon.

Too Few Students Here. Too Many Students There. How to Balance?

During this current school year, LRPC and district staffs have carefully identified several over and under-utilized schools in our district. The committee plans to research these schools further over the next school year and determine if boundaries, programs, or other operational modifications can better balance enrollment at those schools. In particular, the committee will be paying special attention to areas of the district where demographic have transitioned to older residents with fewer school-age children. The impact of school choice on capacity and facility utilization will also be reviewed.

Land. Labor. Lumber: All Going Up.

An important note on costs. As this document was updated for the next school year, information was collected from other school districts which clearly indicates construction costs per square foot have increased over the last year. The MCP also shows that land costs for non-school support facilities are likely to continue to increase. This year’s MCP reflects these increases in the current projections.

Thanks.

This document, in many respects, represents a moment in time. It is constantly evolving with new data, added information, and changing perspectives. It is also a document that would not happen without the incredible professionalism, dedication, and attention to detail from our Planning & Construction department. Thank you to the Director of Planning & Construction Richard Cosgrove and Planning Manager Shavon Caldwell on behalf of the 22 volunteer citizens of LRPC who meet monthly to consider and review your incredible work.

Sincerely,

Brad Geiger, Long Range Planning Committee Chair



Master Capital Plan Overview

The Douglas County School District Master Capital Plan encompasses a five-year period (2017-2022) and represents an important tool in the district's planning decisions. It is used to identify and prioritize school sites for future schools in order to satisfy student enrollment needs. It is also used to prioritize funding for capital reinvestment and new construction. Recognizing that school facilities must adapt to fluid educational requirements and the district exists in a dynamic community, it is imperative that planning for future educational and facility needs of the district is ongoing. This document is updated on an annual basis in coordination with the Long Range Planning Committee.

DCSD Leadership and Partners

Administration

Bonnie Betz, Chief Financial Officer
Steve Colella, Chief Human Resources Officer
Dr. Steven Cook, Deputy Superintendent
Nancy Ingalls, Personalized Learning Officer
Erin Kane, Interim Superintendent
Ted Knight, Assistant Superintendent, School Leadership
Stacey Rader, Communications Officer
Matt Reynolds, Chief Assessment and Data Officer
Gautam Sethi, Chief Technology Officer and Acting Chief Operating Officer
William Trachman, General Legal Counsel

Board of Education

James Geddes, Director District B
Anne-Marie Lemieux, Director District C
Steven Peck, Director District E
David Ray, Director District F
Judith Reynolds, Director District D
Meghann Silverthorn, Director District G
Wendy Vogel, Director District A

Long Range Planning Committee

The Long Range Planning Committee was created in 1983 to work with Douglas County School District. The committee is comprised of two representatives from each high school feeder area, two at-large members, two charter school representatives, and a representative of the development and home building community. The Long Range Planning Committee is one of three committees of the Board of Education. The charge of the Long Range Planning Committee is to continually analyze community population data, evaluate population impacts on district education and support facilities, and collect community feedback. The committee also recommends appropriate actions to the Board of Education regarding school attendance boundaries, facility usage (including facility construction, renovation, or closure) and anticipated capital outlay requirements. Every year the committee presents the updated Master Capital Plan to the Board of Education with recommendations for specific projects that may be needed in the next five years.

2016-17 LRPC Membership

East Planning Area

Laura Jensen, Chaparral High School
Vacant, Chaparral High School
Vacant, Legend High School
Vacant, Legend High School
Chris Williams, Ponderosa High School
Karen Zimmerman, Ponderosa High School

North Planning Area

Cindra Barnard, Highlands Ranch High School
Vacant, Highlands Ranch High School
Brad Geiger, Mountain Vista High School
Vacant, Mountain Vista High School
Nicole Bolger, Rock Canyon High School
Joyce Mirenzi, Rock Canyon High School
Michelle Major, ThunderRidge High School
Stephanie Stanley, ThunderRidge High School

West Planning Area

Kati Knisley, Castle View High School
Bob Binder, Castle View High School
Steven Franger, Douglas County High School
Vacant, Douglas County High School

Charters

Todd Warnke, Charter School Community
Rudy Lukez, Charter School Community

At Large

Caryn Becker, At Large
Vacant, At Large

Non-Voting Members

Meghann Silverthorn, Board of Education Liaison
Rich Cosgrove, Director of Planning & Construction
Shavon Caldwell, Planning Manager
Tom McMillen, Choice Programming Representative
Vacant, Secondary Education Representative
Kurt Wolter, Development Community

Executive Summary

Douglas County School District facilities encompass nearly 7,700,000 square feet of building space situated on nearly 1,600 acres of land. The Douglas County School District service area spans over 850 square miles and the district currently serves approximately 68,000 students.

Douglas County School District's most important reinvestment items over the next five years are estimated to cost approximately \$59.1-\$82.5 million (depending on potential regulatory, project management, and inflation costs). Of the total \$59.1-\$82.5 million needed over the next five years, approximately \$54.4-\$77.8 million is for facility reinvestment, \$2.6 million is for technology, and approximately \$2.2 million is required to meet Transportation's most important needs. Important facility reinvestment items in year 1 are estimated to require approximately \$42.2-\$54.8 million. Of these important facility reinvestment items in year 1, it is estimated that approximately \$31-\$40.3 million would be needed to address those capital items that may interrupt the education program if a failure were to occur. It is estimated that \$91.4-\$120.5 million would be needed to address all Tier 1 items in this document over the next five years.

New construction needs over the next five years are estimated at approximately \$106.8 million. The student population has grown by 9.8% since the most recent new school construction funded by the district in 2010. Projecting these needs continues to require a dynamic process as demographic changes, new residential construction, and new charter schools affect those needs on a continuing basis. The LRPC expects to continue to evaluate these needs and methods to meet them.

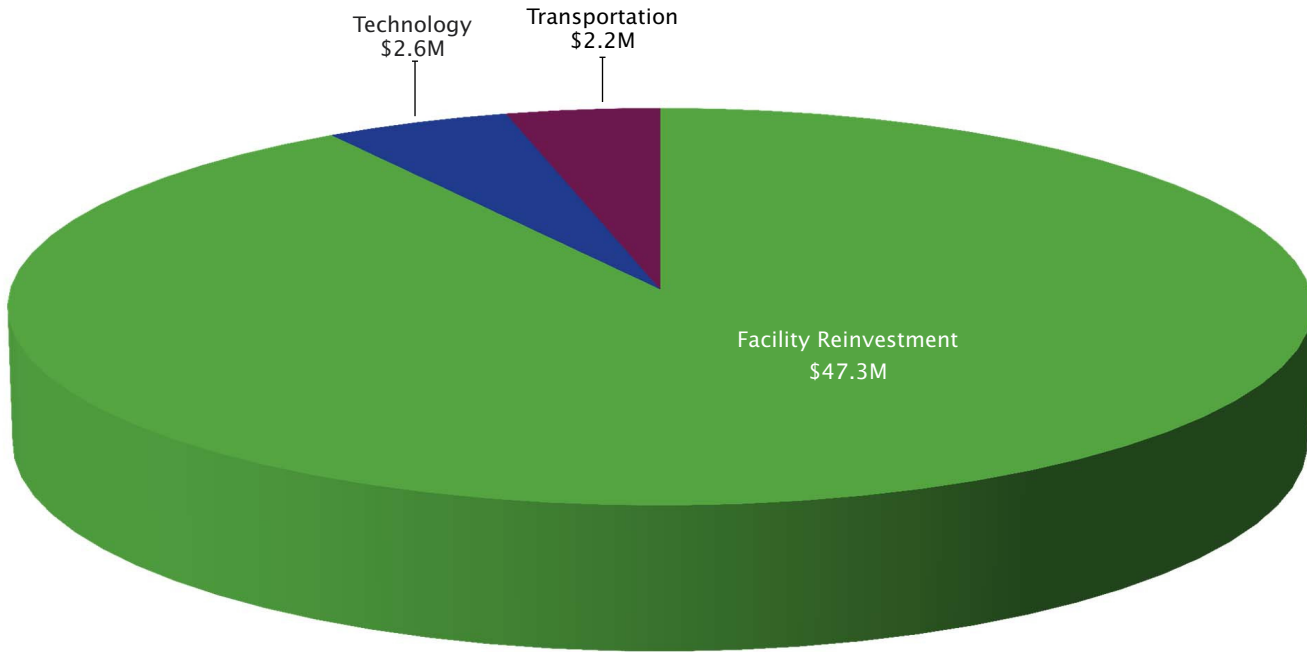
As the median student age in the district increases, the need for additional high school space becomes more important. Projections indicate that absent some significant change in boundaries the district will need an addition to Castle View High School within five years as well as two new high schools (one along the eastern I-25 corridor between Ridgeway and Castle Pines and the other in the Sterling Ranch development) within the next ten years. Past experience indicates that charter schools are unlikely to meet that need. In addition, up to five new elementary schools may be needed to accommodate anticipated growth in areas of Castle Rock, Castle Pines, and Northwest Douglas County (Roxborough/Sterling Ranch development).

Data collected from neighboring school districts indicates that construction costs per square foot have increased over the last year. Further land costs for non-school support facilities are likely to continue to increase as well. The Master Capital Plan attempts to reflect these increases in the current cost estimates. LRPC and staff have identified a number of over and under-utilized schools in the district. The Committee intends to research these schools over the next year in an attempt to determine if boundary changes or other modifications might affect enrollment at those schools.

While it is common to correlate the Master Capital Plan as the dollars to be requested in a Bond, it is not necessarily the case. The Master Capital Plan is not a Bond Plan. Capital requirements listed in the Master Capital Plan are the basis for Bond planning. Bond planning will take the inputs from the Master Capital Plan and prioritize the most urgent of capital renewal requirements across all district facilities and new construction requirements as needed and determine the total funding amount to be requested in a Bond construction program. For an annual capital Mill Levy, a similar prioritization process would be needed to identify the most urgent capital renewal requirements which could be funded each year via the Mill Levy override request.

Executive Summary Cont.

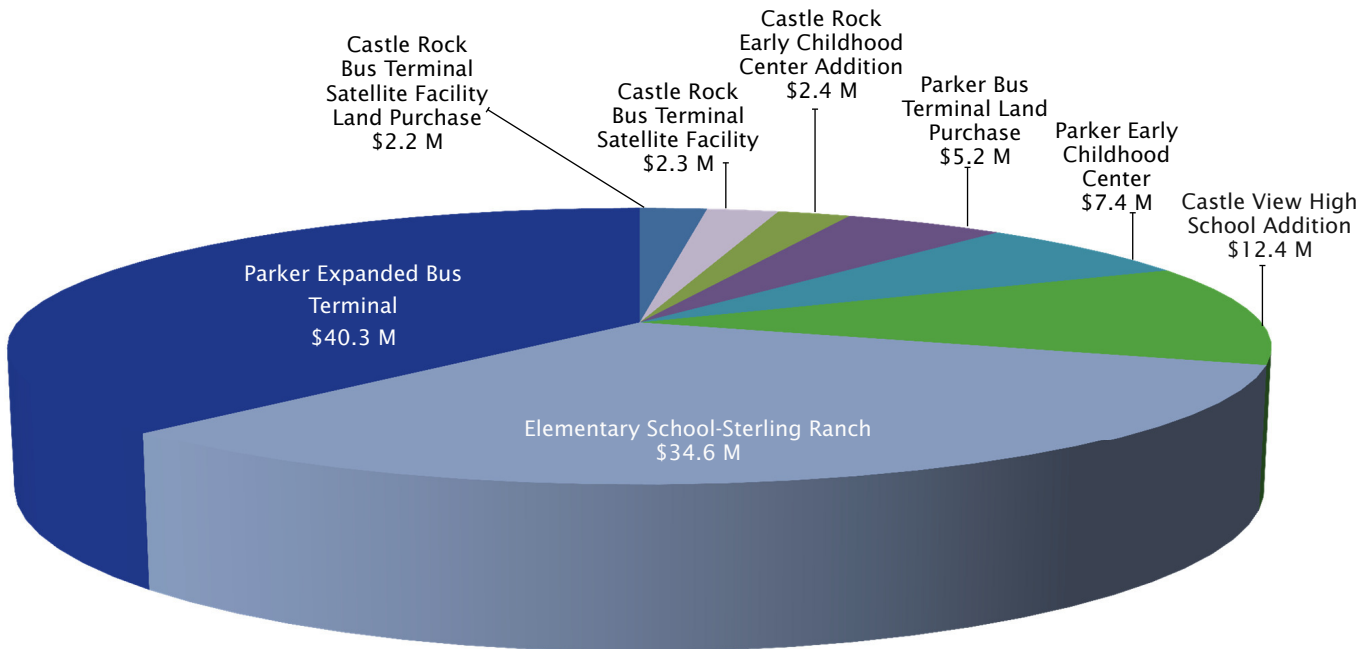
2017-2022 Tier 1-High Priority Items by Type



Total: \$59.1M - \$82.5

Note The total listed above includes potential inflation, regulatory, professional services, and contracting costs. Of the total estimated cost above, approximately 8-25% is estimated project management costs and 4-12% is estimated inflation costs. These costs are expressed as a potential range throughout this document. The totals shown in the pie chart above reflect base construction costs only. For a full breakdown of costs see **page 227**.

2017-2022 New Construction



Total: \$106.8

*Total includes potential inflation, regulatory, professional services, contracting costs, and furnishings. Of the total estimated cost above, approximately 33% is estimated project management costs and 13% is estimated inflation costs.



Douglas County

Population and Development

Population

The Douglas County population estimate for January 1, 2017 is 336,000 persons, a 2.7% increase from the previous year's estimate of 327,230. According to the State Demography Office, the population age 60 and over increased 46% between 2010 and 2015, while the total population of Douglas County increased 12% during this time period. The State Demography Office forecasts a 32% increase in the population age 60 and over from 2015 to 2020, while the total population is expected to increase 10%.

Permit Trends

Permits issued for new housing in all of Douglas County increased 11.6% compared to 2015, with 3,660 housing units permitted in 2016. Apartment units are 42% of the total new units permitted. Nearly 1.5 million square feet of commercial space was permitted in 2016, including approximately 350,000 square feet at the Promenade development in Castle Rock, and 340,000 square feet of self-storage warehouses in Highlands Ranch, Parker and Castle Rock.

Residential Development

In 2016, 3,400 new housing units were completed in Douglas County, which was a 2.8% increase in the total housing stock. The County's total housing stock as of January 1, 2017, is 120,580 units. Single family detached houses account for 76% of that total. The incorporated cities and towns in Douglas County contain 41.6% of the total housing stock. Ninety-one percent of all housing units are located in the urban-designated areas of the County, which is 18% of the total land area of the County.

Residential Sales

The median price of all homes sold in Douglas County in the third quarter of 2016 was \$432,500, which is an 8.2% increase compared to the same quarter last year. The number of sales of newly built and existing single-family houses, townhouses, and condominiums in 2016 decreased 4.2% compared to 2015. The total number of foreclosure filings initiated in 2016 decreased 3.7% from 2015 for a total of 310.

Annual Income

According to the 2015 American Community Survey, the median household income in Douglas County was \$107,650, which ranks 4th in the nation for highest median household income among counties with populations of 65,000 or more. The 2015 American Community Survey also shows that 3.5% of the population had incomes below the poverty level. The 2015 average annual wage for jobs located in Douglas County was \$60,477, which was a 3.0% increase from the previous year.

Annual Employment

The number of jobs located in Douglas County increased 5.0% from 2014 to 2015, bringing the average annual total to 112,883 jobs. The professional and business services supersector is the County's largest employer in 2015 with 18.7% of jobs, followed by the retail trade sector (15.5%), and the leisure and hospitality supersector (13.2%). The two supersectors with the greatest increases in jobs were information which gained 844 jobs, and government, which gained 774 jobs.

Source: Douglas County Department of Community Development, 2017 Demographic Summary

Douglas County School District ***Enrollment Trends***

Changes in 2016-2017

Douglas County School District saw an increase of 571 students in the 2016-17 school year with enrollment increasing from 66,899 to 67,470. This represents a .85% increase in enrollment since the 2015-16 school year. Over the last 10 years DCSD enrollment has increased by 17,100 students, or by approximately 34%. While some neighborhood schools experienced an increase in enrollment this year, the vast majority of this growth can be attributed to DCSD charter schools. Traditional neighborhood school enrollment declined by 1.59% this year and charter school enrollment increased by 12.43%.

Excluding PK, home school, and online students, DCSD's enrollment increased by 461 students since the 2015-16 school year. Elementary enrollment declined by 112 students while middle school enrollment increased by 74 students and high school enrollment increased by 499 students. Enrollment in the East Planning Area (Chaparral, Legend, and Ponderosa feeders) increased by 530 students since last year and enrollment in the West Planning Area (Castle View and Douglas County feeders) increased by 111 students. Enrollment in the North Planning Area (ThunderRidge, Mountain Vista, Rocky Canyon, and Highlands Ranch feeders) decreased by 180 students since the 2015-16 school year.

North Planning Area

Elementary enrollment in the North Planning Area continues to decline, decreasing by 459 students this year. Middle school enrollment in the North Planning Area also continues to decrease but at a much less dramatic rate. Middle school enrollment in the North Planning Area declined by 78 students this year and by 117 students last year. High school enrollment in the North Planning Area continues to grow significantly, increasing by 357 students this year and by 270 students last year.

East Planning Area

Elementary enrollment gains were the highest in the East Planning Area last year, gaining 253 students in 2016 after a 72 student loss in 2015. Middle school and high school enrollment in the East Planning Area also continue to grow, with an increase this year of 117 middle students and 160 high school students.

West Planning Area

Elementary enrollment in the West Planning Area grew slightly this year, increasing by 94 students. Middle school and high school enrollment in the West Planning Area remains stable with a respective 35 student increase for middle schools and an 18 student decrease for high schools.

2017-2018 Projections Summary

The office of Planning & Construction is projecting a district-wide increase of 346 students or an approximate .6% increase. District-wide, elementary enrollments are expected to continue to decline (-139) while significant gains are expected in high school enrollments (+448). Middle school enrollments are expected to remain stable in 2017 with a gain of 37 middle school students district-wide.

North Planning Area

Elementary enrollments are projected to decline significantly in the North Planning Area next year (-287). Middle school enrollments are projected to remain relatively stable (-86) and high school enrollments are projected to continue to grow (+299).

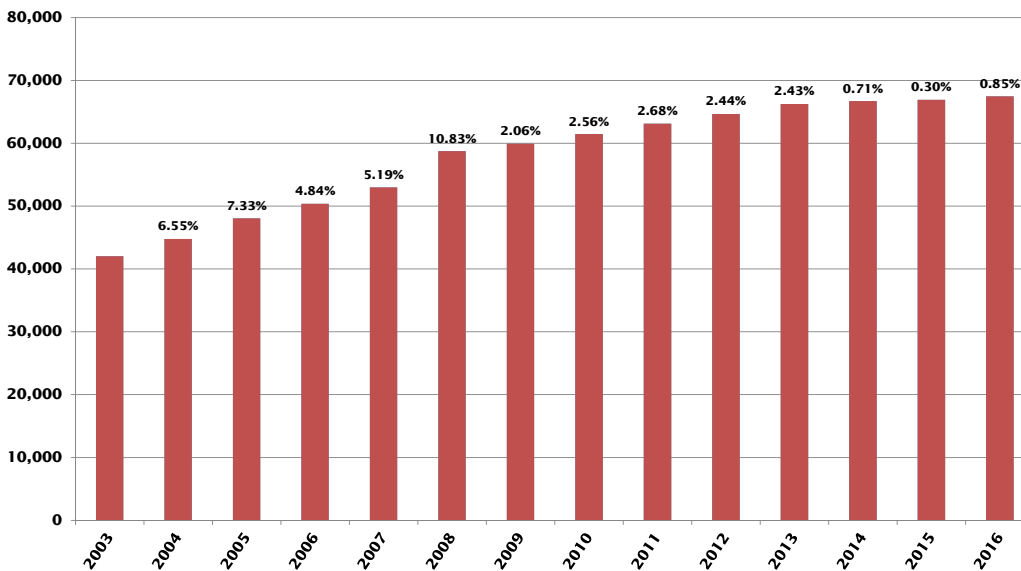
East Planning Area

Elementary enrollments are projected to grow by 186 in 2017. Middle school and high school enrollments are projected to remain stable with a respective middle school enrollment decrease of 21 and a high school enrollment increase of 27.

West Planning Area

Elementary enrollments in the West Planning Area are projected to decline slightly next year (-38) while middle and high school enrollments are both projected to increase. Middle school enrollment in the West Planning Area is expected to increase by 143 and high school enrollment is expected to increase by 121.

DCSD Total Enrollment 2003 to 2016

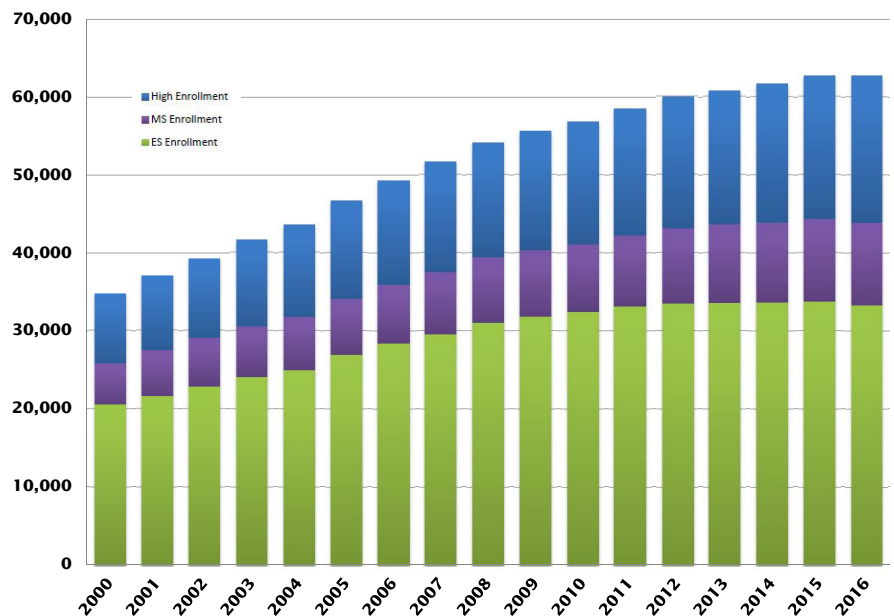


Year	Total Enrollment	Absolute Change
2003	42,009	
2004	44,762	2,753
2005	48,043	3,281
2006	50,370	2,327
2007	52,983	2,613
2008	58,723	5,740
2009	59,932	1,209
2010	61,465	1,533
2011	63,114	1,649
2012	64,657	1,543
2013	66,230	1,573
2014	66,702	472
2015	66,899	197
2016	67,470	571

In recent years, DCSD enrollment has decreased from an approximate 2.5% annual increase to a roughly 1% annual increase. This slowed down growth is likely due to a number of factors including the following:

- Declining birthrates and aging out of neighborhoods, particularly in the North Planning Area
- Growth is still “catching up” from the recession and the years immediately following the recession
- An aging population
 - o Douglas County is experiencing the nation’s most dramatic percentage of population growth in adults aged 60 and older. According to the State Demography Office, by 2030 it is estimated that one in four Douglas County residents will be age 60 or older.
- Slower growth in total population
 - o The total population of Douglas County increased by 2.7% from 2016 to 2017 (327,230 to 336,000) and by 2.5% from 2015 to 2016 (319,210 to 327,230). Since 2012 the total population of Douglas County has increased, on average, by about 8,500 individuals (or 2.7%) per year. According to the Colorado State Demography Office, this rate of growth will steadily decrease over the next 20-30 years.

The figure to the right shows annual enrollment by school level. It illustrates the trend of a growing high school population and a relatively flat elementary population. This trend can be attributed largely to the time and pace at which developments in Douglas County built out, in particular, the Highlands Ranch development. Douglas County experienced unprecedented growth in the 1990’s-early 2000’s. The County nearly tripled its population from 1990 to 2000, growing by ~119,000 individuals. In comparison, the County’s total population increased by ~77,500 individuals from 2005 to 2015. As population growth has slowed in recent years so has enrollment growth. In particular, the majority of the Highlands Ranch development was built out during this boom time. Many of the large class sizes generated during this boom time in Highlands Ranch are now matriculating through high school levels. As the combined enrollment of all the North Planning Area K-12 schools (Highlands Ranch area) makes up nearly half of the district’s enrollment, this trend can be seen in district-wide enrollment sums and figures.





Identifying and Prioritizing Facility and Site Needs

DCSD staff updates the Master Capital Plan on an annual basis. The process for identifying and prioritizing DCSD's capital needs took place over July 2016 - January 2017 and includes two distinct steps: **facility assessments** and **prioritizing needs** based on the site component tier and priority matrix score. Below is an explanation of how these steps are performed.

Facility Assessments

Facility capital needs in the Master Capital Plan (MCP) come from a Capital Improvement Plan (CIP) list, a data base for the assessment of assets for district facilities. The majority of the list includes the building/site systems and components in need of repair, replacement or upgrade. The CIP is a 5 year projection tool to help maintain our campuses so they function as intended or better.

A facility assessment (or inventory) is a comprehensive review of a facility's assets. Facility assessments are a standard method for establishing baseline information about the systems and components in a new or existing facility. An assessment is a way of determining the "status" of the facility at a given time – that is, it provides a snapshot of how the various systems and components are operating. A primary objective of a facility assessment is to measure the value of an aging asset relative to the cost of replacing that asset. Thus, facilities assessments are a tool for projecting future capital maintenance costs.

Assessment asset needs can consist of the following:

- Deferred maintenance – Systems and components that are past their end of life and create higher maintenance and future replacement costs.
- Life Cycle Projection – Systems and components that through industry standard and known observable failure projections for a specific time period.
- Damage/Wear – Systems and components that have not met life cycle but have been physically damaged by some means or excessive use creates non-optimal performance.
- Compliance – Systems and components that are in need of replacement, upgrades, or were added to meet federal and local codes or requirements. These are usually ADA requirements and building code changes.
- System Improvements – Projects that may improve systems to perform more efficiently and save future capital resources.
- Growth – Space and areas that are needed due to student population increases.
- Functionality – Systems that are deemed necessary due to policies concerning security enhancements and IT infrastructure.

Assessments on newer facilities take place at about the 10 year mark of opening looking forward to a 15 year projected life. All facilities starting in 2015-16 are being assessed every 5 years. Some assets of a facility may be placed in the CIP based on known life cycle. The majority of systems and components fall within a life cycle range of 15-40 years.

On site facility assessments are currently performed by the Facility Capital Planner. The Facility Capital Planner collaborates with Principals, Building Engineers, Maintenance Managers and staff in helping supply information to be placed in the CIP. Information may come from the maintenance work order system if the

capital cost cannot be justified by the yearly maintenance budget. Architects, Engineers, and Consultants may also be used to determine major deficiencies when warranted.

The yearly maintenance repair budget is separate from the CIP although sometimes items may be performed in conjunction with each other. Typically, capital repair/replacement costs over \$5,000 are listed in the CIP, although the yearly maintenance budget may be used for repair/replacement costs up to around \$30,000. Costs under \$5,000 in the CIP are usually deficiency items that would be combined with others in the same type of project.

Currently, the items in the CIP are for capital renewal only. Other major “wants” not for growth or equability of other facilities are placed outside the CIP but are continued to be tracked to be considered at a future date if deemed appropriate. Many energy conservation projects for energy and water savings have been taken out of the CIP but are still tracked and may be done if warranted at a future time if the return on investment (ROI) is warranted.

Prioritizing Needs

Tier Classification

The Planning & Construction team, with input from Security and Transportation staff*, is responsible for classifying needs based on a four tier structure. These tiers are used to rank the significance of the replacement or upgrade of facility assets, systems, components, and services as they affect the occupancy of a facility or level of service requirements.

The tiers used to classify the above are as follows:

Tier 1: Assets, systems and components that are necessary to occupy a facility and/or may cause large financial costs if a breakdown occurs, along with Federal, State, and Local mandated statutes and code compliance issues. Typical assets in this tier include (but are not limited to) roofing, plumbing infrastructure, HVAC, electrical systems, fire sprinkler repair/replacement, fire alarm, irrigation systems and controllers, major structural movement, site utilities, SPED buses; and state statutes for door hardware fire and security compliance.

Tier 2: Assets, systems and components for suitable occupancy of a facility including security systems and components; and priority bus and support vehicle replacement. Typical assets in this tier include (but are not limited to) building exterior envelope and finishes, interior finishes, flooring, plumbing fixtures, minor mechanical, paving, surfacing, high school athletic fields, cameras, card readers, replacement buses, and snowplow trucks.

Tier 3: Assets, systems and components that are part of a facility infrastructure but do not directly affect the occupancy of the facility including security upgrades and additions; and transportation buses and support vehicles for growth. Typical assets in this tier include (but are not limited to) interior wall structure and finishes, interior doors, ceiling finishes, casework, FF&E (furniture, features, and equipment), cosmetic building structure, multi-purpose fields at elementary and middle schools, additional software programs to enhance security; and additional buses and support vehicles.

Tier 4: Assets, systems and components that are more aesthetic in nature, do not affect building occupancy, and deemed the least important upgrades. Typical assets in this tier include (but are not limited to) landscaping, exterior structures, a variety of site work, and additional security doors.

*Information Technology does not follow the tier classification descriptions as they are classified in their own four tiers. See IT department page.



The **Safety and Security Department** identifies and prioritizes its capital needs based on a variety of criteria. These criteria range from risk to safety, necessity in order to comply with Federal, State, or Local mandates, frequency of system failure, potential impact to current level of service, life expectancy, the potential to enhance systems, and process improvement strategies.

The **Transportation Department** identifies and prioritizes fleet related capital needs in two ways. First, assets that present a significant safety concern are identified. This means that the continued operation of the asset places personnel safety, or the safety of others, in jeopardy. Assets identified in this operating condition may have components or entire structures that will not pass safety inspections. These would be assets that need to be replaced within one year. Second, assets in a mechanical condition requiring ongoing repairs that exceed current value are identified. If these vehicles can no longer be repaired, upgraded, or maintained, they are listed as needing replacement over the next five years.

The **Information Technology Department** identifies and prioritizes solutions and projects based on the effectiveness and impact to student education delivery. District technology initiatives are proposed by the IT department based on continual review of school staff and student educational requirements, administrative leadership, and reference to industry best practice solutions. A business case is developed to define scope, deliverables, resources, and cost estimates which then is prioritized by IT leadership. A portfolio review is conducted to ensure new initiatives are unified solutions across the district and maximize delivery of student education in alignment with our strategic goals. With a wealth of technology solutions and opportunities, the IT department focuses priority on providing the district students, staff, and administration with the most value to provide the greatest education for the students.

*Detailed descriptions for the above can be seen on the respective department pages.

Priority Classification

Every project/need that has been listed in the CIP is ranked based on five different 'levels' of criteria. The criteria 'levels' used to score projects include the following:

Cause: This criteria level is used to evaluate and score projects based on why they are needed. For example, a project could be needed to respond to or prevent a known life safety and health risk, to be code compliant, or because the system or component has failed. It could also be needed to increase functionality and efficiency or to align with district strategic priorities. A project that is required to prevent or respond to a known life safety and health risk would rank higher than a project that is desired or preferred by facility users. Similarly, a project required for code, regulatory or contract compliance would rank higher than a project that would enable the advancement of district-wide goals and strategies.

Type of Impact: This criteria level is used to evaluate and score needs based on its potential to interrupt educational programming. Using this criteria level, a failing system or building component that has the potential to result in a full or partial school closure would score higher than a failing system or component that does not directly disrupt classroom instruction.

Risk: This criteria level is used to evaluate and score needs based on the level of risk a system or component failure poses to staff, students, and the district as a whole. Types or risks considered vary widely and include everything from safety and health risk to financial and legal risks. Using this criteria level, a failing system or component that has the potential to compromise student and staff health and safety or close a facility would rank higher than one where the only potential risk is an opportunity loss for improvement.

Urgency: This criteria level is used to evaluate and score needs based on when it is expected to fail based on life cycle expectancy. A building component that is past its expected life cycle would score higher than a component that has not reached the end of its expected life.

Extent of Impact: This criteria level is used to evaluate and score needs based on the extent to which a potential failure could impact the district. For example, a potential failure that could impact the entire district would score higher than a potential failure that would only impact one classroom.

Final rank scores for each criteria level are multiplied to calculate an overall priority score. Scores range from 1-8000 with a score of 1 being a project of the highest priority and a project with a score of 8000 being of the lowest priority. For simplicity, needs have been classified as high, medium, or low priority using the classification method shown below.

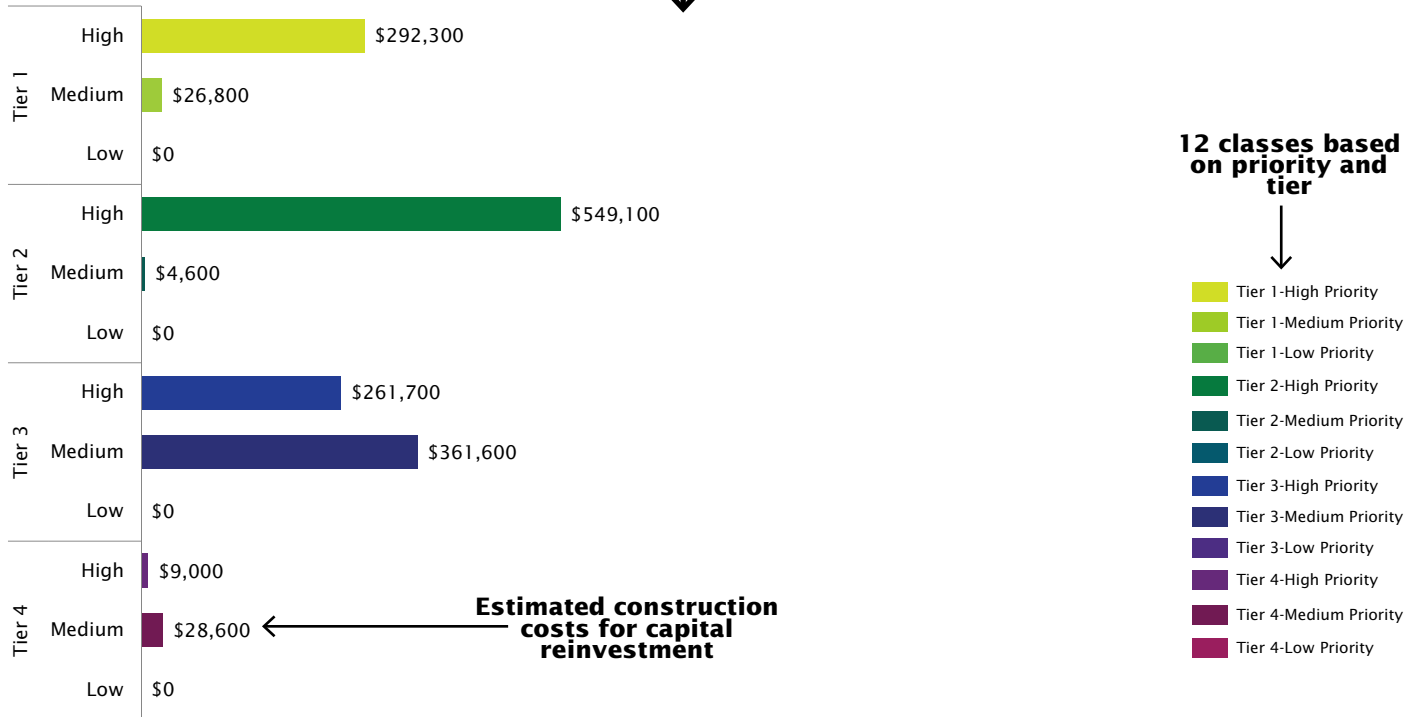
High Priority: 1-200 Priority Score

Medium Priority: 201-1,000 Priority Score

Low Priority: 1,001-8,000 Priority Score

How to Assess Capital Priorities

Every opportunity for capital reinvestment has been classified based on its priority score and its tier. These two classifications have been combined to create the twelve different classes shown in the illustration below. Those opportunities and projects classified as Tier 1-High can be considered the most urgent and those classified as Tier 4-Low can be considered the least urgent. Estimated construction costs have been summarized for each of the classes and are shown on each facility profile page.





Estimating Costs for Facility and Site Needs

Along with identifying and prioritizing facility needs, the Planning & Construction team works to provide accurate cost estimates for these needs. These cost estimates are derived by calculating estimates for 1) Component and/or system reinvestment (materials and labor only), 2) Potential project management costs and 3) Additional costs due to inflation. The method used for calculating these three separate costs is discussed below. Reinvestment costs which are displayed in the 'Estimated Construction Cost-2017' field are contract materials and labor costs only. In general, capital reinvestment work will always require some level of regulatory, professional services, and contracting costs.

Calculating Estimated Construction Costs

Estimated costs in the CIP are developed in a multitude of ways:

- RS Means Estimating Software – RS Means is the industry standard for estimating construction, remodeling, and repair. Costs from RS Means are contractor costs only.
- Similar types or projects – Estimates are based on similar projects the district has completed in the past (marked up according to an inflation factor as necessary).
- Outside resources - Architects, Engineers, and Consultants may be used to help to derive cost estimates. Estimates vary over time due to many factors:
 - Prices for commodities and material can vary within a few months.
 - Inflation is a variable from year to year ranging currently between 4-6% (the district is using a 5% inflation factor per year for projected costs).
 - Labor shortages drive contractor costs higher (Colorado is currently in a labor shortage).
 - The time of year when the project is bid and project constructed (schools typically have a majority of work done over the summer break).
 - Cost estimates are only that, estimates. Only when a project is bid out will the true cost be known for that particular project and time frame.

Calculating Estimated Project Management Costs

Along with materials and labor costs, the estimated total project cost also includes costs for design, construction, and professional services. Typically these types of costs that need to be accounted for can include fees associated with one or a combination of any of the following:

- Architectural and design fees
- Trade professional fees
- Inspections, permitting and or code compliance fees
- Contingency (costs due to unforeseen circumstances)
- Contractor overhead and profit

These fees can vary depending on regulatory requirements, the size, and the complexity of a project. Dependent on these factors, these costs can range from an additional 10-43% of the estimated construction cost. For example, these additional costs would be around 10% of construction costs if DCSD were to resurface a tennis court. In this instance a consultant would help to determine the product to use, create specifications for the work to be done, and help in bidding and project oversight. To replace a tennis court with post-tension concrete, additional costs would be on the higher end. The district would need to contract with a soils testing agency, a structural engineer, and an observation and testing agency to assure product installation compliance. Contractor fees would be higher due to the specialized nature of the work.

Calculating Estimated Inflation Costs

Inflation for construction materials and labor is also included in Master Capital Plan cost estimates. An assumed 5% annual increase is used to determine a range of potential additional inflation costs for each project.

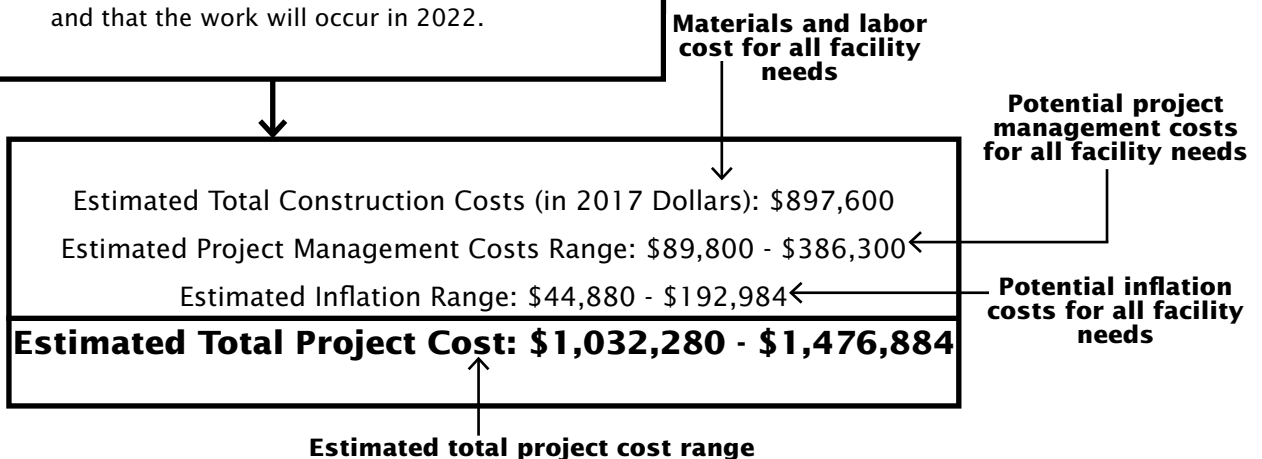
How to Assess Individual Project and Item Costs

Every site component and system need has an estimated construction cost, an estimated range for potential project management costs, and an estimated range for inflation. Cost estimates on the low end of the range assume a 10% mark-up for potential regulatory, professional services, and contracting costs. Cost estimates on the high end of the range assume a 43% mark-up. Inflation cost estimates on the low end of the range assume work will occur in 2018. Inflation estimates on the high end of the range assume work will occur in 2022.

Tier	Priority	Project Description	Materials and labor Estimated Construction Cost-2017	10%-43% Mark-up Potential Regulatory, Professional Services, and Contracting Costs	Inflation 2018-2021 Potential Inflation Costs
	High	Natural Gas Service / Aging piping; circuitous routing. Replace with new meter in Phase 2-Abandon in later phase	\$144,700	\$14500-\$62300	\$7235-\$31110
	High	Building heating hot water hydronic piping is failing. Water treatment has been altered from district standard so that system can remain operational without producing additional leaks in system. Replace entire system	\$2,937,800	\$293800-\$1263300	\$146890-\$631627
	High	Hot water Distribution Needs-System serving kitchen at north building is less than adequate.	\$10,000	\$1000-\$4300	\$500-\$2150
	High	Interior Door Hardware. Needs-South- Add panic devices to science cr corridor doors (4 locations) existing exterior doors OK	\$3,900	\$400-\$1700	\$195-\$838

How to Assess Total Costs

Estimated construction costs, potential project management costs, and potential inflation costs have been summed by facility to give an estimated total project cost. This estimate is expressed in a range. The total project cost estimate on the low end of the range assumes a 10% mark-up for project management costs and that the work will occur by 2018. The estimate on the high end of the range assumes a 43% mark-up and that the work will occur in 2022.



New Construction Needs

1-5 Year Needs

Based on existing school capacities, five-year enrollment projections for the district, and new residential development, the Planning & Construction Department has identified a need for the following new construction over the next five years:

- An addition to Castle View High School (Castle Rock)
- A new elementary school in the Sterling Ranch development (Northwest Douglas County)
- One new early childhood center in the East Planning Area (Parker)
- An addition to the early childhood center in the West Planning Area (Castle Rock)
- One new terminal and land for bus and support vehicle fleet maintenance and operations (Parker)
- One new terminal satellite facility and land for bus and support vehicle fleet maintenance and operations (Castle Rock)

6-10 Year Needs

The Planning & Construction department also monitors capital needs beyond the five-year Master Capital Plan. In the next six to ten years, the following new construction needs are projected in order to accommodate future capacity and operational support needs:

- A new elementary school in The Meadows development (Castle Rock)
- A new elementary school in Northeast Castle Rock (Castle Rock)
- A new elementary school in the Cobblestone Ranch, aka The Villages at Castle Rock development (Castle Rock)
- A new elementary school in The Canyons development (Castle Pines)
- A new high school along the East I-25 corridor (Between Ridgeway and Hess Rd.)
- A new high school in the Sterling Ranch development (Northwest Douglas County)
- One new terminal and land for bus and support vehicle fleet maintenance and operations (Northwest Douglas County)
- Alternative secondary school space (DC Oakes, Eagle Academy, EDSC, DC Student Support Center and other similar programs)
- 35 additional kindergarten classrooms for full day Kindergarten (If mandated and locations TBD)

***Note** In Colorado, it's currently left up to districts to decide whether or not to provide full day kindergarten and how much to charge for tuition. If State legislation or a DCSD policy change were to require the provision of full day kindergarten across the district it is estimated that approximately 35 additional classrooms would be needed across the district.*

Land Needs

The Planning and Construction Department works with local municipalities and land developers to ensure suitable sites are dedicated to the school district for projected new construction needs. Based on best practices and past facility prototypes, the following acreages have been identified as suitable for the construction of new schools:

- Elementary Schools: 12 acres
 - PK-8 Schools: 15-17 acres
 - Middle Schools: 30 acres
 - High Schools: 60 acres
- *For more information on dedicated school sites see our land inventory maps in Appendix 4*

New Construction Costs

The Planning & Construction department has calculated construction costs using three different scenarios. Cost estimates have been calculated using **1) Current Douglas County School District Standards, 2) Value Engineered Standards, and 3) Residential/Commercial Standards.** Cost estimates for new construction are estimated using data from recent bids for public schools in Colorado with similar facility standards. The Planning & Construction department compared eleven contractor bids from 2016 and projected budgets for 2017 with seven public school districts in the Denver area for new high, middle, PK-8 and elementary schools. The cost per square foot of these actual bids and detailed cost estimates from pre-qualified architects and engineers for transportation support facilities are the basis for the new construction cost estimates. The school districts used to benchmark costs have similar facility standards. The cost estimates reflect an 8% construction inflation experienced last year and a forecasted 5% annual inflation rate based on Producer Price Index (PPI) data.

Scenario 1: Current DCSD Standards

Douglas County School District currently builds to the highest standards possible. These standards are meant to ensure durable, high quality facilities that will last for the next 50-75 years. The District focuses on providing building components which are long lasting, require minimal maintenance, provide energy efficiency savings, and increase student and staff comfort. DCSD's current standards are meant to increase the quality and life of the building while reducing maintenance and utility costs. Adhering to these standards requires investing larger amounts upfront but provide intermittent cost savings in reduced maintenance over time.

1-5 Year Needs

New Construction Need	Cost (in Millions)
Parker Expanded Bus Terminal	40.3
Sterling Ranch Elementary School	34.6
Castle View High School Addition	12.4
Parker Early Childhood Center	7.4
Parker Bus Terminal Land Purchase	5.2
Castle Rock Early Childhood Center Addition	2.4
Castle Rock Bus Terminal Satellite Facility	2.3
Castle Rock Bus Terminal Satellite Facility Land Purchase	2.2
Total (Includes Estimated Inflation)	\$106.8

6-10 Year Needs

Facility/Addition	Cost (in Millions)
Sterling Ranch High School	152.6
East I-25 High School	132.1
Northwest Bus Terminal (Sterling Ranch)	57.4
Elementary School in The Meadows (Castle Rock)	44.1
Elementary School in The Canyons (Castle Pines)	44.1
Elementary School in Northeast Castle Rock	38.2
Elementary School in Cobblestone Ranch	38.2
All Day Kindergarten Space	21.9
Alternative Secondary School Space	19.9
Northwest Bus Terminal Land Purchase (Sterling Ranch)	5.8
Total (Includes Estimated Inflation)	\$554.3

Scenario 2: Value Engineered Standards

To derive cost estimates for new construction under this scenario the Planning & Construction team researched industry approaches to reducing costs while still maintaining the functionality of facilities for their intended use. This scenario focuses on reducing DCSD's upfront purchase costs while still providing the value needed by our end users. Some examples of the types of reductions that would be made under this scenario are summarized in the table below:

Current DCSD Standards Component	Value Engineered Component	Loss
Automated/Calibrated Lighting and Mechanical Controls	Manual Lighting and Mechanical Controls	Energy efficiency
Carpeting	Hard Surface Flooring	Noise control/comfort
Brick/block walls	Wood siding	Noise control/ease, cost and frequency of maintenance/shortened useful life
Fully adhered, un-ballasted roof (sealed, non-permeable membrane)	Ballasted roof	Ease, cost, and frequency of maintenance/shortened useful life
Drop ceilings	Open ceilings (no drop ceilings)	Noise control/aesthetics
Daylighting (translucent panels, skylights, etc.)	No daylighting	Energy efficiency/comfort
Painted walls	Vinyl wall coverings	Ease, cost, and frequency of maintenance/shortened useful life

***Note**This table is meant to provide an example of alternative building components that could be used in a value engineered scenario and is not all inclusive.*

By pursuing a Value Engineered scenario, DCSD would see initial savings due to decreased purchase costs of building components. However, these reductions ultimately result in increased maintenance costs, increased utility usage costs, and costs associated with more frequent replacement of building components that are beyond their useful life. It should also be pointed out that the initial purchase cost savings seen in this scenario can often be at the expense of comfort and aesthetics.

New Construction Costs cont.

1-5 Year Needs

New Construction Need	Cost (in Millions)
Parker Expanded Bus Terminal	34.3
Sterling Ranch Elementary School	29.4
Castle View High School Addition	10.6
Parker Early Childhood Center	6.2
Parker Bus Terminal Land Purchase	5.2
Castle Rock Early Childhood Center Addition	2
Castle Rock Bus Terminal Satellite Facility	2
Castle Rock Bus Terminal Satellite Facility Land Purchase	2.2

Total (Includes Estimated Inflation) \$91.9

6-10 Year Needs

Facility/Addition	Cost (in Millions)
Sterling Ranch High School	129.7
East I-25 High School	112.3
Northwest Bus Terminal (Sterling Ranch)	48.8
Elementary School in The Meadows (Castle Rock)	37.5
Elementary School in The Canyons (Castle Pines)	37.5
Elementary School in Northeast Castle Rock	32.5
Elementary School in Cobblestone Ranch	32.5
All Day Kindergarten Space	18.7
Alternative Secondary School Space	16.9
Northwest Bus Terminal Land Purchase (Sterling Ranch)	5.8

Total (Includes Estimated Inflation) \$472.2

Scenario 3: Least Expensive Facility Standard

This scenario would dramatically decrease the useful life of building components and would result in facilities meant to last approximately 25 years rather than the standard 50-75 years DCSD currently targets. In addition to the trade-offs made in the Value Engineered scenario, DCSD could achieve significant upfront savings by making the following changes:

- Constructing slab on grade rather than using a structural foundation (when feasible)
- Constructing wood frame facilities in lieu of metal framing with masonry walls
- Eliminating carpet and drop ceilings
- Eliminating lighting, mechanical, and electrical controls
- Reducing security systems and technology (not using optimal systems, limited technology)

In this scenario, DCSD would face much greater costs associated with continual maintenance and increased utility costs. In general, finishes are of a lower quality in this scenario.

Cost estimates were not calculated for all listed new construction. This is due to the fact that portions of school facilities cannot be built using these standards. Special learning environments (labs, art rooms, etc.), athletic amenities, and special education spaces have specific facility requirements and needs that cannot be built to alternative standards. Rather, it is more accurate to say that for **typical learning spaces** only, an additional 60% in **initial** capital savings could be achieved with the use of these standards.

New Construction Risks and Opportunities

New construction is only one of the many options available for meeting the district's capacity needs. To address expected growth in the next five years as well as in the next ten years, opportunities for utilizing already existing capacity exist. However, along with these opportunities come risks. Below is a list of some of the most feasible opportunities (and the risks they present) for addressing some of the district's anticipated capacity needs via the utilization of already existing capacity.

1-5 Year Needs

Sterling Ranch Elementary School

Opportunity:

1) Reboundary elementary attendance areas in the ThunderRidge High School feeder (Coyote Creek, Eldorado, Roxborough Primary & Intermediate, Saddle Ranch, Stone Mountain, and Trailblazer) to utilize existing capacity and balance enrollment.

Risk:

1) Potential increased commute time for students and parents. Potential congestion, safety, and accessibility issues as updated attendance area boundaries will need to cross major roads and intersections in order to balance enrollment. Potential congestion, safety, and accessibility issues with K-6 students from Sterling Ranch development crossing US 85 (Santa Fe Drive) to attend neighborhood school. May go against community desires and preference for current neighborhood school.

Castle View High School Addition

Opportunity:

- 1) Reboundary high school feeders in West Planning Area (Castle Rock area including Douglas County and Castle View feeders) to balance enrollment and utilize existing capacity at Douglas County High School.
- 2) Fully utilize existing capacity at Douglas County High School through addition and/or relocation of community desired programming.

New Construction Risks and Opportunities cont.,

1-5 Year Needs

Castle View High School Addition cont.

Risk:

1) Reboundary of high school feeders would affect all schools and levels in the West Planning area. Elementary and middle school population would be impacted along with high school population. It also may not be logistically possible to balance enrollment while maintaining existing programming and transportation connectivity.

2.) Increased commute times for students and/or no access to busing services (without a boundary change). If not monitored closely, could over-enroll Douglas County High School or under-enroll Castle View High School.

Early Childhood Centers (Castle Rock and Parker)

Opportunity:

1) Place PK students in under-utilized elementary school facilities.

Risk:

1) Elementary facilities may not be able to accommodate PK students as K-6 student growth occurs within that attendance area. Elementary school facilities may not currently have the special features and amenities needed for early childhood education.

Parker and Castle Rock Bus Terminals and Land Purchase

Opportunity:

1) Utilize available parking at existing schools

2) Plan for satellite transportation parking on dedicated school sites (DCSD owned sites with no schools)

Risk:

Increased operational costs to shuttle drivers to and from buses. Increased operational costs to shuttle buses to central terminals for cleaning and maintenance. Potential security concerns and vandalism to vehicles if not fenced and lit. Dedicated school sites may need rezoning.

6-10 Year Needs

East I-25 Corridor High School (Between Ridgegate and Hess Rd.)

Opportunity:

1) Reboundary high school feeders in the East Planning Area (Parker area including the Chaparral, Legend, and Ponderosa feeders) to balance enrollment and utilize existing capacity at Ponderosa High School.

2) Fully utilize existing capacity at Ponderosa High School and Douglas County High School through addition and/or relocation of community desired programming.

Risk:

1) Reboundary of high school feeders would affect all schools and levels in the East Planning area. Elementary and middle school population would be impacted along with high school population. It also may not be logistically possible to balance enrollment while maintaining existing programming and transportation connectivity.

2) Potential of increased commute times for students and/or no access to busing services (without a boundary change). If not monitored closely, could over-enroll Ponderosa and Douglas County High Schools or under-enroll Chaparral and Legend High Schools.

Sterling Ranch High School

Opportunity:

1) Reboundary high school feeders in the North Planning Area (ThunderRidge, Mountain Vista, Rock Canyon, and Highlands Ranch) to balance enrollment and utilize existing and anticipated capacity at ThunderRidge and Highlands Ranch High Schools.

Risk:

1) Reboundary of high school feeders would affect all schools and levels in the North Planning area. Elementary and Middle School population would be impacted along with High School population. It may not be logistically possible to balance enrollment while maintaining existing programming and transportation connectivity. If not monitored closely, could under-enroll or over-enroll North Planning Area high schools.

The Meadows Elementary School

Opportunity:

1) Partner with Apex Community School to weight lottery for students residing in The Meadows development (Castle Rock).

Risk

1) Students/parents residing in The Meadows do not prefer Apex Community School and do not enroll or Apex reaches ideal program capacity with outside enrollment (students residing outside the Castle View feeder) before The Meadows is built out.

New Construction Risks and Opportunities cont.

6-10 Year Needs cont.

The Canyons Elementary School

Opportunity:

1) Reboundary elementary attendance areas in the Rock Canyon High School feeder (Timber Trail, Buffalo Ridge, Redstone, and Wildcat Mountain) to utilize existing capacity and balance enrollment.

Risk:

1) Increased commute time for North Castle Pines students (i.e., some of the current Timber Trail attendance area would be allocated to Wildcat or Redstone attendance area) and exacerbation of existing connectivity and congestion issues between NW Castle Pines and SE Highlands Ranch. Potential congestion, safety, and accessibility issues with K-6 students from The Canyons development crossing I-25 to attend neighborhood school.

Cobblestone Ranch Elementary School

Opportunity:

1) Reboundary Cobblestone Ranch development (aka The Villages at Castle Rock, aka Liberty Village) into the Mountain View-Northeast Elementary attendance area. Current residents would have option of selecting Franktown Elementary as neighborhood school. New residents would need to open enroll into schools other than Mountain View Primary or Northeast Intermediate.

Risk:

1) Two different neighborhood schools for one development. Could under-enroll Franktown or over-enroll Mountain View-Northeast Elementary schools. May go against community desires and preference for current neighborhood school.

Northeast Castle Rock Elementary School

Opportunity:

1) Reboundary Castle Rock region elementary attendance areas in Douglas County High School feeder (Castle Rock Elementary, Flagstone, Rock Ridge, Sage Canyon, and South Ridge) to utilize existing capacity and balance enrollment.

Risk:

1) Not a long term solution; existing K-6 facilities and available mobile pads cannot accommodate complete build out of Castle Oaks, Castlevue Estates, and Crystal Valley Ranch. May go against community desires and preference for current neighborhood school.

All Day Kindergarten Classrooms (only if State mandated)

Opportunity:

1) Place full-day kindergarten students in currently underutilized elementary school facilities.
2) District-wide reboundary effort to accommodate additional enrollment and space needed for all day kindergarten.

Risk:

1) K-6 facility space may not exist where kindergarten enrollment needs arise.
2) May go against community desires and preference for current neighborhood school. Would impact all regions and school levels in the district.

Alternative Secondary School Space

Opportunity:

1) Fully utilize existing capacity at Ponderosa High School and Douglas County High School.

Risk:

1) Potential of increased commute times for students and parents. Current high school facilities may not currently have the special features and amenities needed for alternative secondary programming.

Northwest Bus Terminal and Land Purchase

Opportunity:

1) Utilize available parking at existing schools
2) Plan for satellite transportation parking on dedicated school sites (DCSD owned sites without schools)

Risk:

Increased operational costs to shuttle drivers to and from buses. Increased operational costs to shuttle buses to central terminals for cleaning and maintenance. Potential security concerns and vandalism to vehicles if not fenced and lit. Land use may not be allowed by local land use jurisdiction or may require rezoning.

School Capacity

Capacity Relief Tools and Alternatives

New construction and the other opportunities (and associated risks) discussed in this document are only some of the options available to the district to address over-utilized facilities. A variety of alternative methods other than boundary changes and program relocation or replication exist and will need to be carefully reviewed and considered as enrollment growth occurs. Each alternative exhibits benefits as well as shortcomings. Below is a list of the additional capacity relief measures that could be considered and a diagram of how capacity alternatives are evaluated.

Capacity Alternatives which Utilize Already Existing Capacity

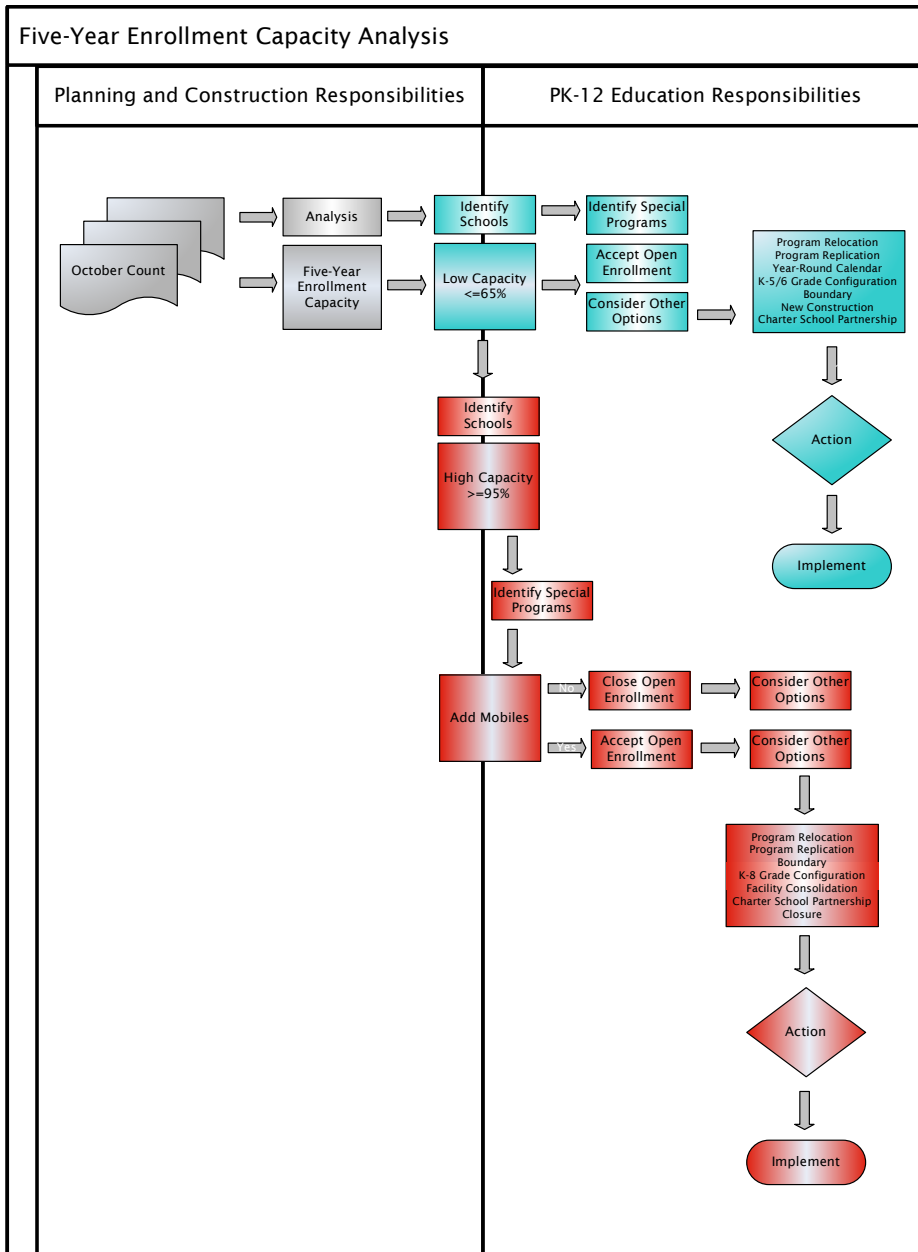
Boundary Change: Shifting attendance boundary lines to increase or decrease the number of neighborhood students in that specific attendance area	
Attributes: -Doesn't destabilize special programs -In most situations only applies to new students -Provides a predictable and constant set of criteria for decisions	Deficiencies: -Actual impact can vary from projected impact; i.e. boundaries are developed to accommodate projected enrollment -Can take years to fully implement -Can be less effective in a choice district or in neighborhoods with a strong historic allegiance to existing boundaries -Can be disruptive to families and students -Only applicable if boundary change does not under enroll or over enroll nearby schools or significantly change current Middle and High school feeder patterns
Calendar Change: Altering school calendar and class scheduling to reduce the number of students simultaneously utilizing school facilities. Could include converting to year-round, multi-track for Elementary and Middle and split session for High Schools	
Attributes: -Makes greater use of existing facilities -Keeps current attendance area neighborhood intact -Keeps current programming intact -Relatively quick to implement -Reduces capital funding requirements (relative to new construction option)	Deficiencies: -Makes regular maintenance and repair more difficult, i.e. there are fewer extended periods of time when the facility is unoccupied -Could be challenging for parent's schedules -Could interfere with extracurricular and after-school activities -Additional wear and tear on existing facility
Grade Reconfiguration: Changing grade structure of school in order to increase or reduce the overall enrollment. Common application of this is addition of 6th grade to Middle Schools where Elementary Schools are at or over capacity	
Attributes: -Makes greater use of existing facilities -Keeps current attendance area neighborhood intact -Relatively quick to implement -Reduces capital funding requirements (relative to new construction option)	Deficiencies: -Students and families may prefer grade configuration as is -School staff and program is impacted -Could cause hardship or transportation burden on families and staff -Only applicable if reconfiguration does not overcrowd or under enroll nearby schools and/or change current Middle and High school feeder patterns.
Overflow Bussing: Bussing students to nearby schools with capacity	
Attribute: -Makes greater use of existing facilities -Relatively quick to implement -Reduces capital funding requirements (relative to new construction option)	Deficiencies: -May be inconvenient for staff, parents, and students -Capacity may not be available elsewhere -Increased transportation costs -Runs counter to concept of neighborhood school
Program Change: Moving or replicating stand-alone programs such as Special Education, Preschool, Alternative Secondary, Gifted & Talented, and Discovery to underutilized space	
Attributes: -Makes greater use of existing facilities -Can benefit students living in other attendance areas as well -Keeps current attendance area neighborhood intact -Relatively quick to implement -Reduces capital funding requirements (relative to new construction option)	Deficiencies: -School staff and program is impacted -Could cause hardship or transportation burden for families and staff -Building modifications may have been made specifically for standalone program that are not available in new facility -Could destabilize effectiveness of program

Capacity Alternatives which Provide Additional Capacity

Building Addition: Addition or expansion of current building footprint in order to add more classroom space	
Attributes: -Keeps current attendance area neighborhood and programming intact	Deficiencies: -More expensive than program and/or calendar change alternatives -Core spaces remain stressed and overcrowded -Site may not allow for facility additions
Mobiles: Installing more modular units	
Attributes: -Offers flexibility in responding to changes in enrollment -Offers efficient, short term relief -Cost less than permanent buildings and additions (to purchase and operate)	Deficiencies: -Often lack architectural quality, special features, and amenities that permanent classrooms have -Core spaces remain stressed and overcrowded -Site may not allow for additional mobiles -Not a long term solution
Purchase and Tenant Finish: Purchasing already existing space and tenant finishing to meet DCSD program needs	
Attributes: -Costs could be significantly less than new construction -Quicker to implement than new construction	Deficiencies: -Subject to market availability and costs -May be difficult to find sites and facilities that fully meet DCSD criteria and needs (may not be centrally located or core facilities such as a cafeteria, gym, and media center may not be available) -Capital costs associated with property purchase, and modernizing and improving buildings

****Note** School capacity alternatives are listed in no particular order**

School Capacity cont., Capacity Relief Process and Implementation



The Planning department, along with the help of the Long Range Planning Committee, performs an annual review of school enrollment and capacities. School capacity data and capacity relief options are briefed to PK-12 staff and district leadership in order to adjust open enrollment allowances and consider options. The decision to implement a specific capacity relief option would be a process that involves and requires input from district central administration, site based staff, DCSD students and parents, district citizen advisory committees, and the Board of Education.

2016-17 Over and Under Utilized Schools

Over-Utilized Schools

The Planning department classifies over-utilized schools in need of a capacity solution as any school having less than 50 current or projected seats available (including current mobiles on site and with enrollment projected for next five years). These identified schools are broken into two categories, those needing capacity relief by the 2017-18 school year and those needing capacity relief by year five of the five year outlook. Schools that were identified in the 2016-17 school year as over-utilized and in need of capacity relief are as

Projected to be Over-Utilized by 2017-18

School Year

- Acres Green Elementary
- Franktown Elementary
- Sage Canyon Elementary
- Mountain Vista High School

Projected to be Over-Utilized by

2021-22 school year

- Meadow View Elementary
- Rock Canyon High School

School Capacity cont.,

Schools to Closely Monitor for Over-Utilization

The Planning department also identifies “schools to closely monitor” on an annual basis. These are schools that currently have and are projected to have enough seats available but are currently utilizing over 95% of their facility capacity and all available mobile capacity. In the case that a sudden or unexpected change causing increased enrollment were to occur these schools would need fast acting solutions (besides mobiles) available to them. Schools that were identified in the 2016-17 school year as schools to closely monitor for potential over-utilization are as follows:

Schools to Closely Monitor for Over-Utilization

- Northridge Elementary
- Clear Sky Elementary
- Cimarron Middle School
- Rocky Heights Middle School

Under-Utilized Schools

The Planning department classifies under-utilized schools in need of a capacity solution as any school that is currently utilizing less than 65% of its facility capacity or any schools that are projected to utilize less than 65% of their facility capacity. Those that are projected to utilize less than 65% of their facility capacity by the 2017-18 school year are classified as an immediate need while those that are projected to have this utilization rate within years 3-5 of the 5 year outlook are classified as a long term need. Schools that were identified in the 2016-17 school year as under-utilized and in need of capacity relief are as follows:

Projected to be Under-utilized by 2017-18

- Pine Lane Elementary
- Mountain View Primary
- Arrowwood Elementary
- Ponderosa High School

Projected to be Under-utilized by 2021-22

- Northeast Intermediate
- Trailblazer Elementary
- Sierra Middle School
- Castle Rock Middle School
- Mesa Middle School

Available Student Capacity by School

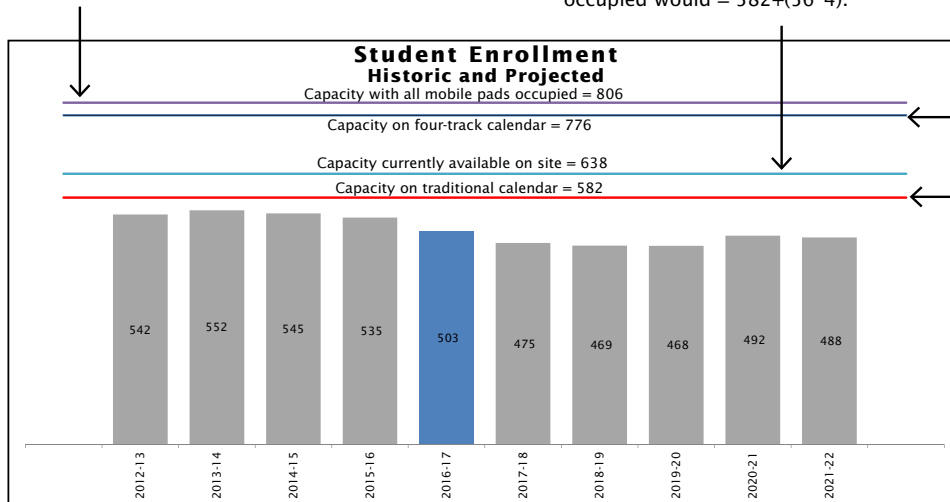
The Planning department tracks the capacity available at each neighborhood school in comparison to current and projected enrollment. A chart showing this data is available on each school page. Below is a description of each capacity figure shown in the chart and a brief explanation of how each figure is derived.

Ideal program capacity of a school assuming that **all mobile pads are occupied** and being used for enrollment. This capacity figure assumes that a **traditional, single track calendar** is being utilized. If the phrase **“Also current capacity at...”** is also listed here, this indicates that a school currently has **all of its mobile pads occupied**.

The capacity currently available at a school. Since all DCSD schools currently use a single track calendar this is the sum of the **“capacity on traditional calendar”** figure **plus** any additional capacity provided by **mobiles currently on site**. A typical mobile provides 56 extra seats. The example used below shows capacity options at Buffalo Ridge Elementary. At this school there are 4 mobile pads on site but only 1 is currently occupied with a mobile. The current capacity available at Buffalo Ridge Elementary = 582+56. The capacity available at Buffalo Ridge Elementary if all mobile pads were occupied would = 582+(56*4).

Ideal program capacity of school using a year round, aka, a **four track** calendar. A four track calendar divides the entire student body and staff into four different tracks and rotates tracks so that at any one time three of the four tracks are in attendance while the fourth is on vacation. The rotation sequence will depend on the exact year round calendar being used. In practice a year round calendar can expand seating capacity by about 25%-33%. The capacity figure used in the graph assumes **no mobiles** are being utilized.

Ideal program capacity of school using a traditional calendar. In reference to school capacity, a traditional calendar is defined as any calendar that **is not** year round. These calendars are also referred to as **single track calendars** because all the students and staff are in school or on vacation at the same time. Currently all DCSD schools utilize a traditional calendar. This traditional calendar capacity figure assumes **no mobiles** are being utilized. If the phrase **“Also current capacity at...”** is listed along with the traditional calendar capacity, this indicates that a school currently has **no mobiles on site**.



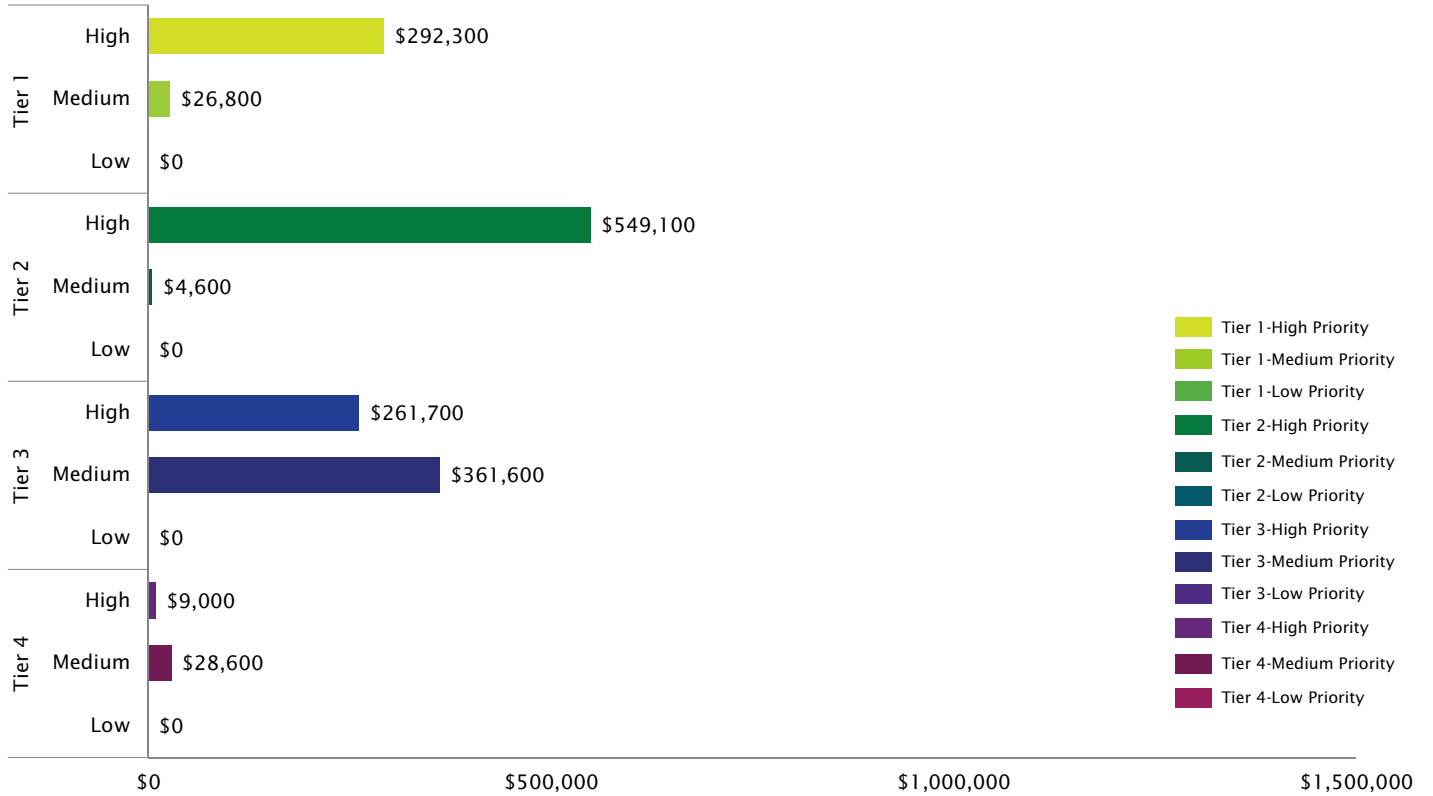
13524 Acres Green Drive
 Littleton, CO 80124
 Highlands Ranch High School Feeder Area, K-6

Funded by 1974 Bond
 Opened in 1975

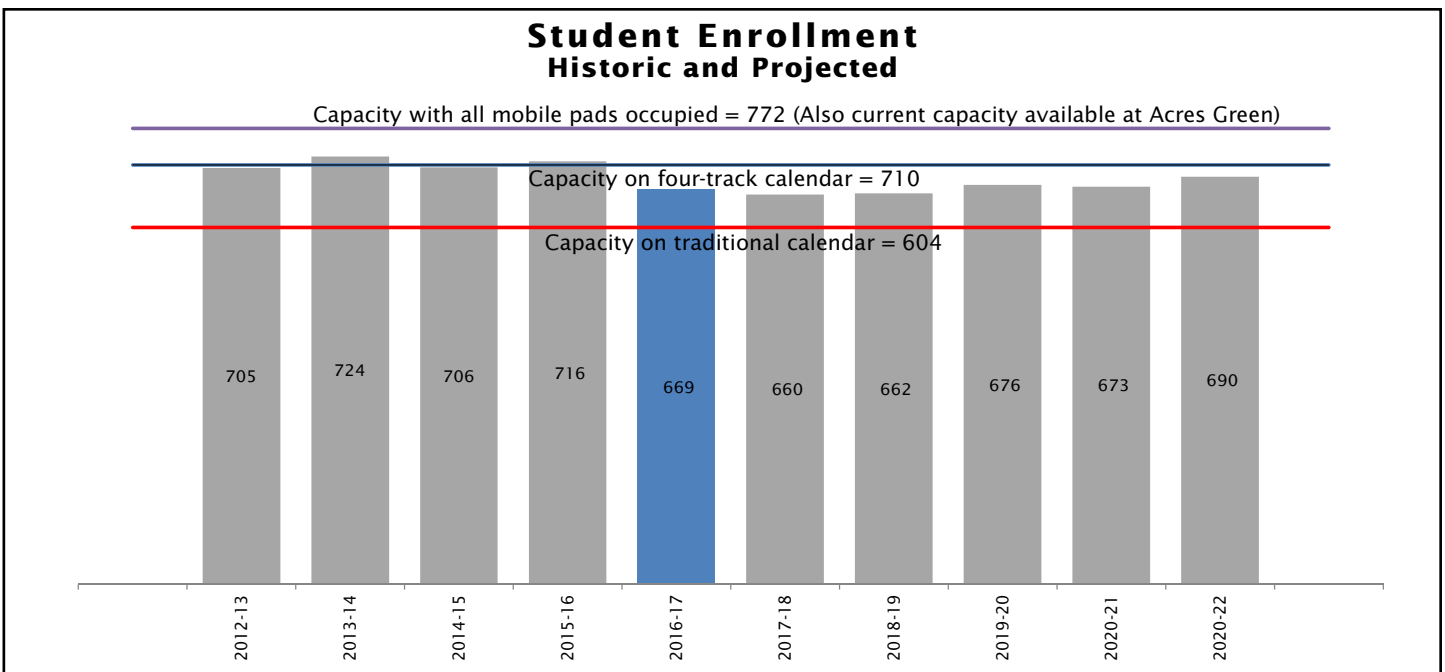
Site Acreage: 12
 Facility Square Feet: 50,480
 Mobiles on Site: 3

Acres Green Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,533,700
Estimated Total Project Costs: \$1,764,986 - \$2,524,546



Following is the list of currently unfunded facility projects at Acres Green Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade controllers. Count 12	\$74,500	\$7500-&32100	\$3725-&16017
	High	Direct Expansion Systems. Roof top units. Needs-Replace RTU for stage/cafeteria with new RTU w/ full DX	\$137,900	\$13800-&59300	\$6895-&29648
	High	Interior Door Hardware. Needs-Replace painted door hinges	\$12,900	\$1300-&5600	\$645-&2773
	High	Irrigation Systems. Install separate meter. Add booster pump	\$67,000	\$6700-&28900	\$3350-&14405
	Medium	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$26,800	\$2700-&11600	\$1340-&5762
Tier 2	High	Exterior Wall Construction. Needs-Recalk control joints.	\$4,000	\$400-&1800	\$200-&860
	High	Glazed Doors and Entrances. Replace entry storefronts in original building	\$44,700	\$4500-&19300	\$2235-&9610
	High	Exterior Windows. Needs-Recalk windows	\$14,300	\$1500-&6200	\$715-&3074
	High	Fabricated Toilet Partitions. Replace in (2) boys restrooms	\$9,000	\$900-&3900	\$450-&1935
	High	Fixed Casework. Needs-Replace casework in original building	\$178,500	\$17900-&76800	\$8925-&38377
	High	Flooring Restrooms. Replace tile flooring in restrooms with MMA	\$62,500	\$6300-&26900	\$3125-&13437
	High	Paint Exterior. Paint exterior and metal roof. Some touch up needed 2012	\$9,000	\$900-&3900	\$450-&1935
	High	Wash Fountains. Replace trough washing stations with sinks (6)	\$15,300	\$1600-&6600	\$765-&3289
	High	Paving and Surfacing. Mill and overlay bus loop	\$22,300	\$2300-&9600	\$1115-&4794
	High	Paving and Surfacing. Repair/replace asphalt walkways	\$44,700	\$4500-&19300	\$2235-&9610
	High	Paving and Surfacing. Resurface asphalt parking lot	\$71,500	\$7200-&30800	\$3575-&15372
	High	Paving and Surfacing. Repair/replace areas of sidewalk	\$8,100	\$900-&3500	\$405-&1741
	High	Playing Fields. Replace asphalt playground	\$26,800	\$2700-&11600	\$1340-&5762
	High	Retractable Partitions. Refurbish or replace 3 classroom partitions	\$38,400	\$3900-&16600	\$1920-&8256
	Medium	Curbs, Rails and Barriers. Needs-Repair/replace areas of curb.	\$4,600	\$500-&2000	\$230-&989
Tier 3	High	Interior Door Frames. Needs-Sand down and repaint	\$20,100	\$2100-&8700	\$1005-&4321
	High	Interior Doors. Needs-Refinish doors, layered paint	\$40,200	\$4100-&17300	\$2010-&8643
	High	Suspended Ceilings. Replace grid ceiling and tile in original building	\$73,100	\$7400-&31500	\$3655-&15716
	High	Wall Foundations. Recalk foundation where concrete meets	\$6,800	\$700-&3000	\$340-&1462
	High	Flooring Hallways/Classrooms. Replace tile entry flooring	\$14,200	\$1500-&6200	\$710-&3053
	High	Playing Fields. Baseball Field. Renovate upper baseball fields	\$35,800	\$3600-&15400	\$1790-&7697
	High	Playing Fields. Multi-use Field. Renovate multi-use field	\$71,500	\$7200-&30800	\$3575-&15372
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$357,000	\$35700-&153600	\$17850-&76755
	Medium	Paint Interior. Needs-Paint restrooms	\$4,600	\$500-&2000	\$230-&989
Tier 4	High	Seeding and Sodding. Renovate grass area around school.	\$9,000	\$900-&3900	\$450-&1935
	Medium	Site Lighting Poles. Needs-Paint lighting poles	\$1,800	\$200-&800	\$90-&387
	Medium	Planting. Needs-Add landscaping at NW corner of school site	\$26,800	\$2700-&11600	\$1340-&5762

Estimated Total Construction Costs (in 2017 Dollars): \$1,533,700
 Estimated Project Management Costs Range: \$154,600 - \$661,100
 Estimated Inflation Range: \$76,685- \$329,746

Estimated Total Project Costs: \$1,764,985 - \$2,524,546

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

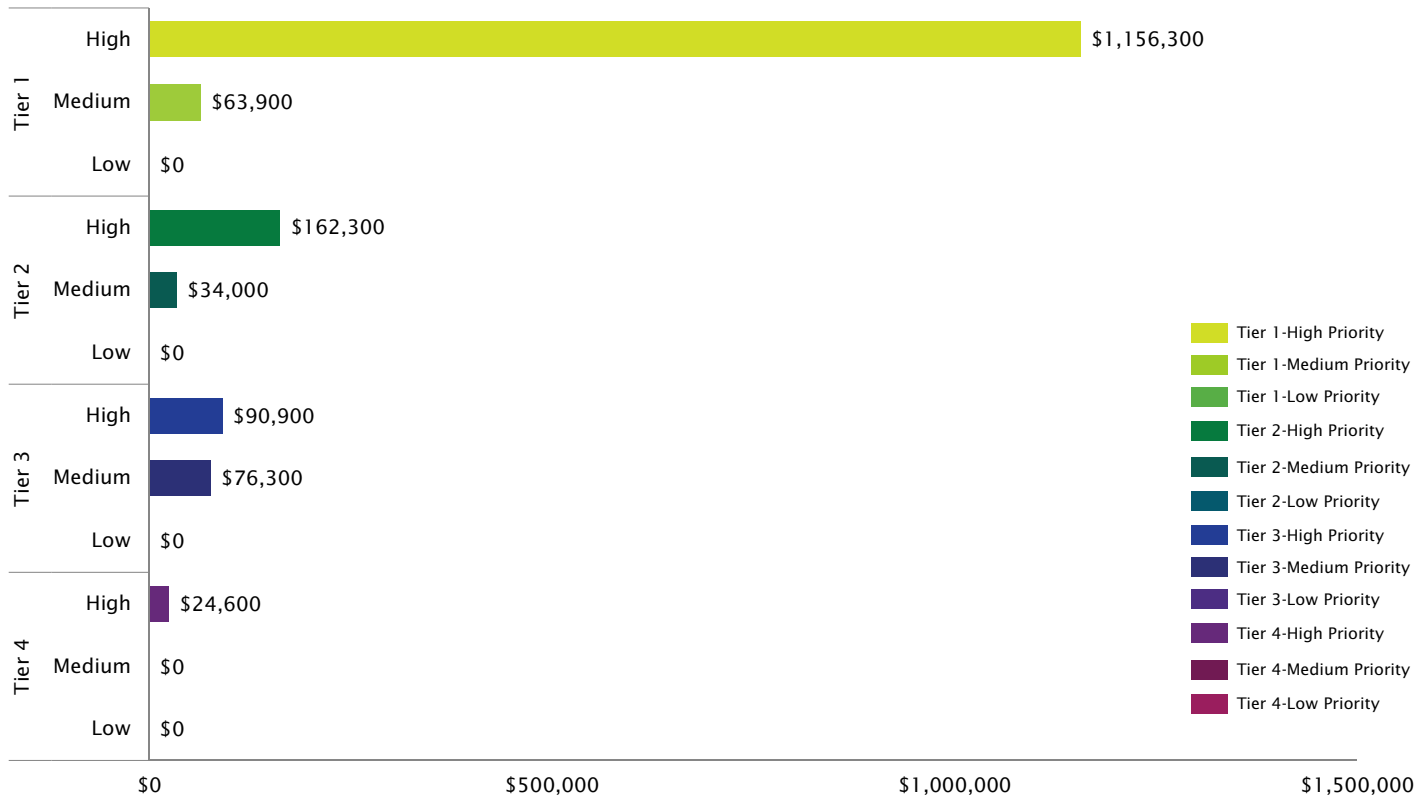
10345 Arrowwood Drive
 Highlands Ranch, CO 80130
 Highlands Ranch High School Feeder Area, K-6

Funded by 1997 Bond
 Opened in 2000

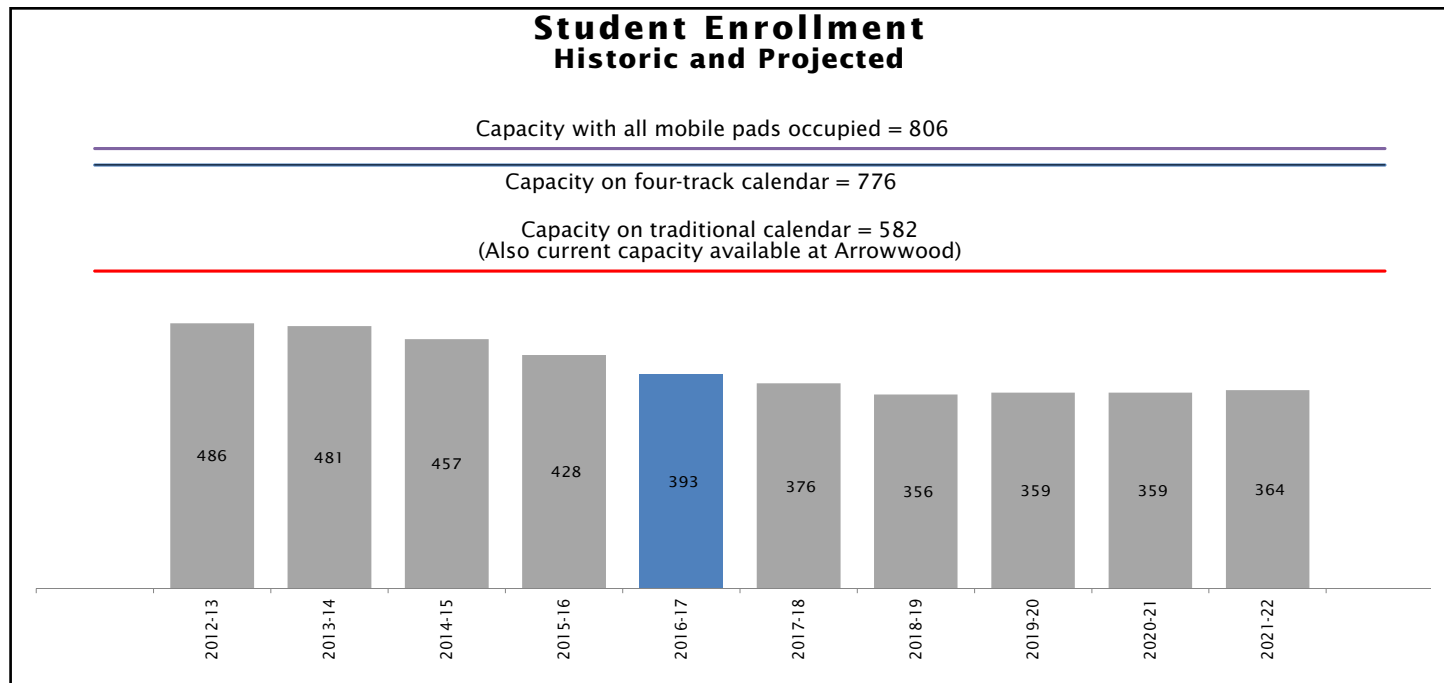
Site Acreage: 10
 Facility Square Feet: 51,668
 Mobiles on Site: 1

Arrowwood Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,608,300
Estimated Total Project Costs: \$1,850,315 - \$2,646,785



Following is the list of currently unfunded facility projects at Arrowwood Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace .045 mil EDPM ballasted roof with .060 fully adhered	\$727,700	\$72800-\$313000	\$36385-\$156455
	High	Fire Alarm Systems. Needs-Replace Notifier AFB 200 fire alarm system with Simplex.	\$89,300	\$9000-\$38400	\$4465-\$19199
	High	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Replace generator	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Door Hardware. Needs-Replace door hardware, replace non-restricted key system with restricted	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Chilled Water Systems. Chiller, cooling tower. Needs-Replace cooling tower	\$50,000	\$5000-\$21500	\$2500-\$10750
	High	Irrigation Systems. Needs-Upgrade irrigation system, add booster pump	\$123,100	\$12400-\$53000	\$6155-\$26466
	Medium	Local Area Networks. ITS/Head End Equipment. Needs-Expanded or new MDF closet (minimum 10'X10')	\$63,900	\$6400-\$27500	\$3195-\$13738
Tier 2	High	Basement Excavation. Needs-Ground water moisture in basement, mitigate as necessary	\$0	\$0-\$0	\$0-\$0
	High	Exterior Wall Construction. CMU and Brick. Needs- Re-seal CMU. Repair stress cracks from settling. Re-caulk all joints.	\$15,000	\$1500-\$6500	\$750-\$3225
	High	Exterior Windows. Needs-Re-caulk all windows	\$4,800	\$500-\$2100	\$240-\$1032
	High	Fabricated Toilet Partitions. Needs- Replace 4 boys and 4 girls toilet partitions	\$28,200	\$2900-\$12200	\$1410-\$6063
	High	Foundations. Needs-Repair footings at playground entrance, cracking and crumbling	\$18,800	\$1900-\$8100	\$940-\$4042
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Exterior Wall Construction. Needs-Repair CMU at cooling tower. Enclosure wall separating from building due to movement.	\$1,900	\$200-\$900	\$95-\$408
	High	Fixed Walls. Needs-Repair CMU in Pod 1 on wall near restroom	\$1,900	\$200-\$900	\$95-\$408
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk	\$67,000	\$6700-\$28900	\$3350-\$14405
	High	Roof Finishes. Needs-Paint metal roof	\$4,500	\$500-\$2000	\$225-\$967
Tier 2	Medium	Exhaust Ventilation Systems. Exhaust Fans. Needs-Replace exhaust fans	\$20,000	\$2000-\$8600	\$1000-\$4300
	Medium	Operable Partition. Needs-Minor repairs as necessary at gym and classrooms	\$10,500	\$1100-\$4600	\$525-\$2257
	Medium	Flooring Kitchen. Needs-Repair cracks in kitchen floor	\$3,500	\$400-\$1600	\$175-\$752
Tier 3	High	Standard Slab on Grade. Needs-Repair cafeteria floor, movement issues	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$73,900	\$7400-\$31800	\$3695-\$15888
	Medium	Fences and Gates. Needs-Replace dumpster enclosure with new block enclosure, repair site fencing	\$73,900	\$7400-\$31800	\$3695-\$15888
	Medium	Vinyl Covering. Needs-Repair vinyl covering in hallways	\$2,400	\$300-\$1100	\$120-\$516
Tier 4	High	Other Landscape Features. Needs-Renovate/replace areas of landscaping around site	\$24,600	\$2500-\$10600	\$1230-\$5289

Estimated Total Construction Costs (in 2017 Dollars): \$1,608,300
 Estimated Project Management Costs Range: \$161,600 - \$692,700
 Estimated Inflation Range: \$80,415 - \$345,785

Estimated Total Project Costs: \$1,850,315 - \$2,646,785

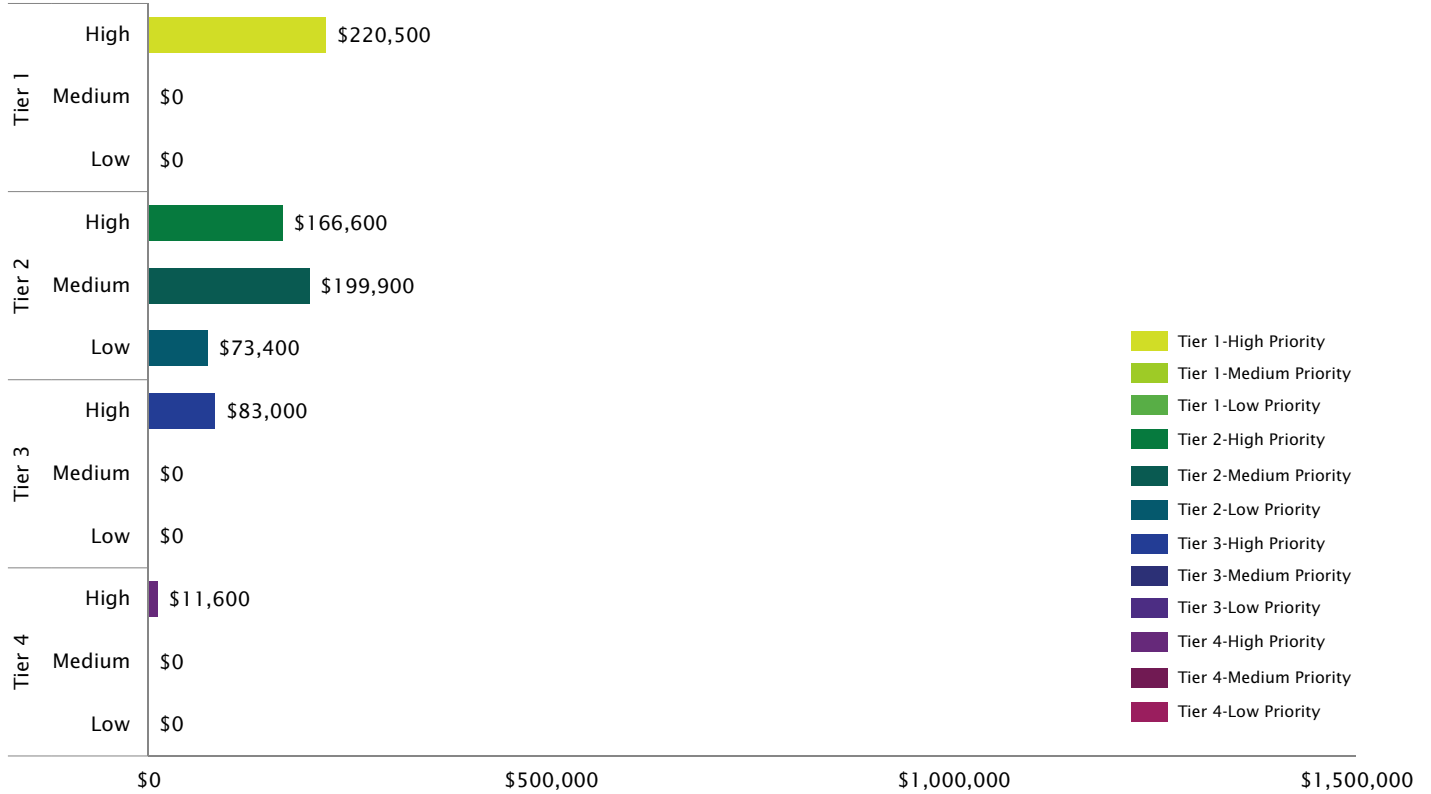
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

9660 Salford Lane
 Highlands Ranch, CO 80126
 Mountain Vista High School Feeder Area, K-6

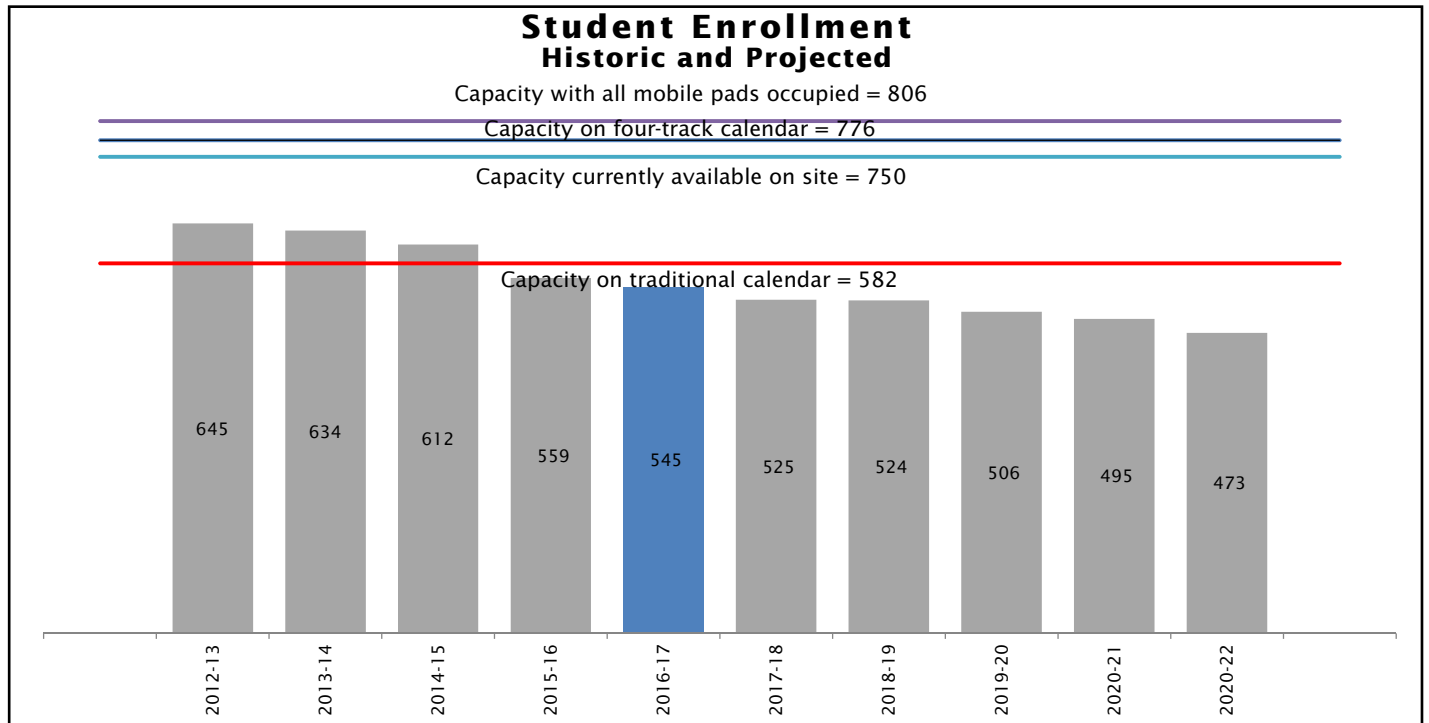
Funded by 1989 Bond
 Opened in 1990

Site Acreage: 12
 Facility Square Feet: 53,237
 Mobiles on Site: 1

Bear Canyon Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$755,00
Estimated Total Project Costs: \$868,950 - \$1,242,825



Following is the list of currently unfunded facility projects at Bear Canyon Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Direct Expansion Systems. Roof top units. Needs-Replace RTU's	\$220,500	\$22100-\$94900	\$11025-\$47407
	High	Exterior Windows. Needs-Replace exterior windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Fabricated Toilet Partitions. Needs-Replace toilet partitions in 3 pods	\$28,400	\$2900-\$12300	\$1420-\$6106
	High	Flooring Cafeteria. Needs-Replace VCT	\$11,900	\$1200-\$5200	\$595-\$2558
	High	Flooring Kitchen. Needs-Replace original kitchen flooring with poured acrylic	\$52,700	\$5300-\$22700	\$2635-\$11330
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace areas of sidewalk	\$9,800	\$1000-\$4300	\$490-\$2107
	Medium	Paving \$ Surfacing, Parking Lot. Needs-Repair service drive concrete cracking	\$5,200	\$600-\$2300	\$260-\$1118
Tier 2	Medium	Fixed Casework. Needs-Replace all original fixed casework in classrooms and offices	\$162,000	\$16200-\$69700	\$8100-\$34830
	Medium	Flooring Restroom. Needs-Replace VCT flooring in staff restrooms	\$1,600	\$200-\$700	\$80-\$344
	Medium	Retractable Partition. Needs-Repair operable partitions between classrooms and between gym/cafeteria	\$15,500	\$1600-\$6700	\$775-\$3332
	Medium	Sinks. Needs-Replace fixtures in staff restrooms	\$1,600	\$200-\$700	\$80-\$344
	Medium	Water Closets. Needs-Replace fixtures in staff restrooms	\$2,400	\$300-\$1100	\$120-\$516
	Medium	Flooring Carpet. Needs-Replace carpet in workrooms in stacked pods	\$11,600	\$1200-\$5000	\$580-\$2494
	Low	Suspended Ceilings. Needs-Replace ceiling grid and tile. Damaged during fire sprinkler install	\$73,400	\$7400-\$31600	\$3670-\$15781
Tier 3	High	Playing Fields. Multi-use field. Needs-Renovate multi-use field	\$83,000	\$8300-\$35700	\$4150-\$17845
Tier 4	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$6,400	\$700-\$2800	\$320-\$1376
	High	Seeding \$ Sodding. Needs-Resod/reseed grass areas	\$5,200	\$600-\$2300	\$260-\$1118

Estimated Total Construction Costs (in 2017 Dollars): \$755,000
 Estimated Project Management Costs Range: \$76,200 - \$325,500
 Estimated Inflation Range: \$37,750 - \$162,325

Estimated Total Project Costs: \$868,950 - \$1,242,825

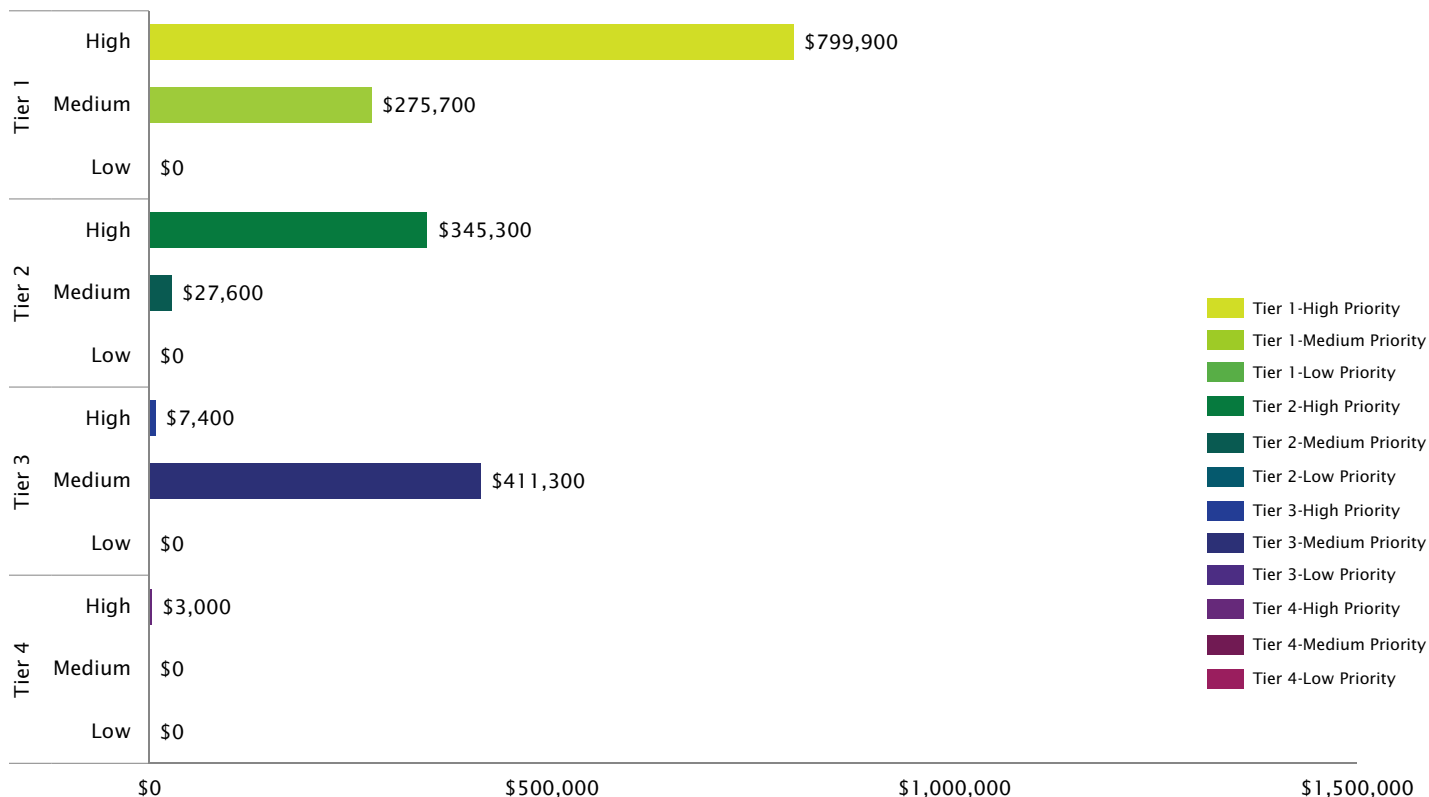
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

7075 N. Shoreham Drive
 Castle Pines, CO 80108
 Rock Canyon High School Feeder Area, K-5

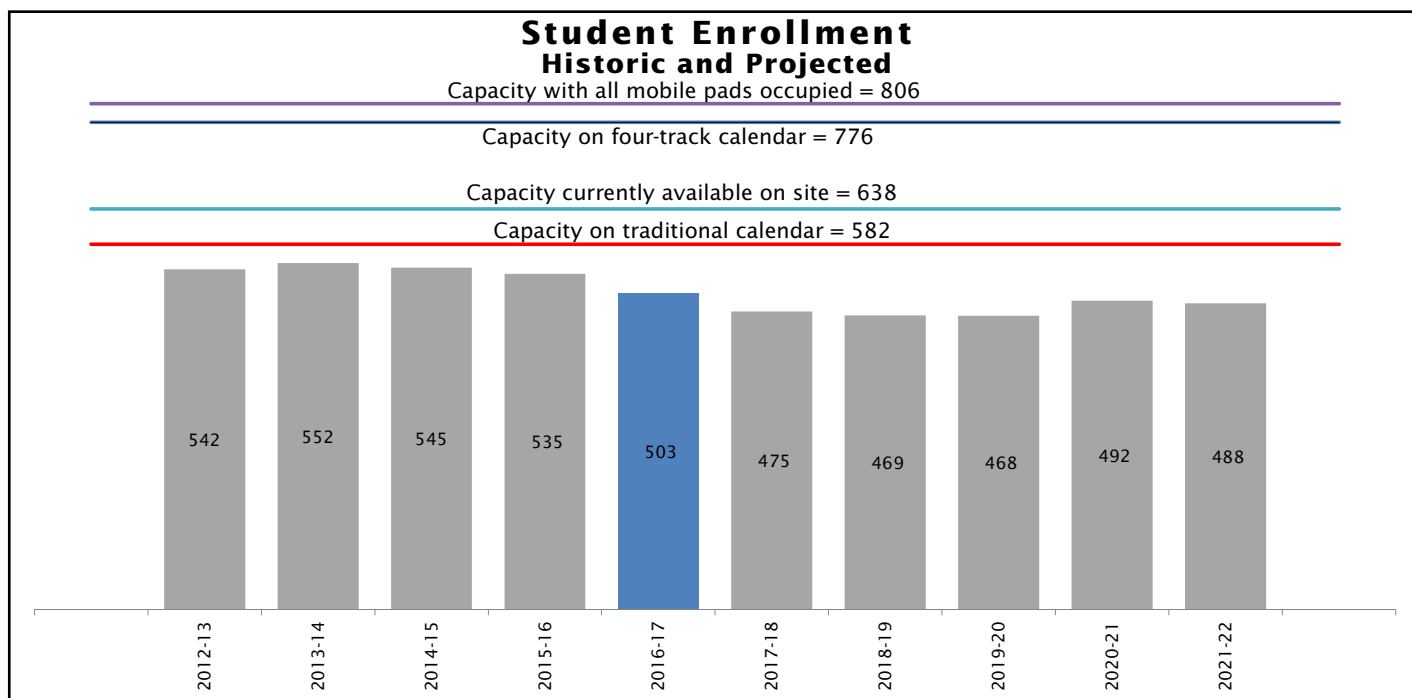
Funded by 1993 Bond
 Opened in 1997

Site Acreage: 10
 Facility Square Feet: 51,020
 Mobiles on Site: 1

Buffalo Ridge Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,870,200
Estimated Total Project Costs: \$2,151,810 - \$3,077,493



Following is the list of currently unfunded facility projects at Buffalo Ridge Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade controllers. Count 8	\$299,500	\$30000-\$128800	\$14975-\$64392
	High	Direct Expansion Systems. Roof top units. Needs-Replace RTUs	\$308,700	\$30900-\$132800	\$15435-\$66370
	High	Hot Water Distribution Needs-Pumps need upgrade, Insulation needs replaced	\$16,400	\$1700-\$7100	\$820-\$3526
	High	Hot Water Service. Needs-Water heater and storage tank beyond life cycle. Piping and Insulation in poor shape needs replaced	\$81,000	\$8100-\$34900	\$4050-\$17415
	High	Cold Water Service. Piping and Insulation in poor shape needs replaced	\$37,100	\$3800-\$16000	\$1855-\$7976
	High	Irrigation Systems. Needs booster pump, possible new controller	\$57,200	\$5800-\$24600	\$2860-\$12298
	Medium	Direct Expansion Systems. Needs-Replace swamp cooling MUA unit/s with mechanical cooling	\$55,200	\$5600-\$23800	\$2760-\$11868
	Medium	Boiler Room Piping. Pumps need upgrading with VFD'S	\$220,500	\$22100-\$94900	\$11025-\$47407
Tier 2	High	Exterior Wall Construction. Stress cracks need sealed.	\$15,900	\$1600-\$6900	\$795-\$3418
	High	Exterior Wall Construction. Recaulk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Storefront windows. Hollow metal. Playground entrance leaks	\$27,800	\$2800-\$12000	\$1390-\$5977
	High	Exterior Paint. Needs-Exterior paint	\$7,400	\$800-\$3200	\$370-\$1591
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Retractable Partitions. Needs-Repair/replace gym/cafeteria partition. Curtains need replaced due to fire retardant life. Classrooms are not used and are in good shape.	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Flooring Gym. Needs-Replace carpet in gym	\$14,700	\$1500-\$6400	\$735-\$3160
	High	Flooring Kitchen. Needs-Flooring is currently Hubelite material (Red) and needs replaced with MMA poured floor.	\$58,000	\$5800-\$25000	\$2900-\$12470
	High	Paving & Surfacing. Sidewalks heaving in many areas, needs replacement	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$132,300	\$13300-\$56900	\$6615-\$28444
	High	Playing Fields. Playground. Needs- Playpad needs resurfacing	\$37,100	\$3800-\$16000	\$1855-\$7976
	Medium	Fabricated Toilet Partitions. Needs- Replce toilet partitions	\$27,600	\$2800-\$11900	\$1380-\$5934
Tier 3	High	Insulation Needs removed and replaced.	\$7,400	\$800-\$3200	\$370-\$1591
	Medium	Fire Sprinkler. Cafeteria sprinkled only. New code requires to be fully sprinkled	\$374,500	\$37500-\$161100	\$18725-\$80517
	Medium	Retaining Walls. Hillside off playground needs tie wall of some kind	\$29,400	\$3000-\$12700	\$1470-\$6321
	Medium	Interceptors. Grease interceptor Bypass if allowable	\$7,400	\$800-\$3200	\$370-\$1591
Tier 4	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645

Estimated Total Construction Costs (in 2017 Dollars): \$1,870,200
 Estimated Project Management Costs Range: \$188,100 - \$805,200
 Estimated Inflation Range: \$93,510 - \$402,093

Estimated Total Project Costs: \$2,151,810 - \$3,077,493

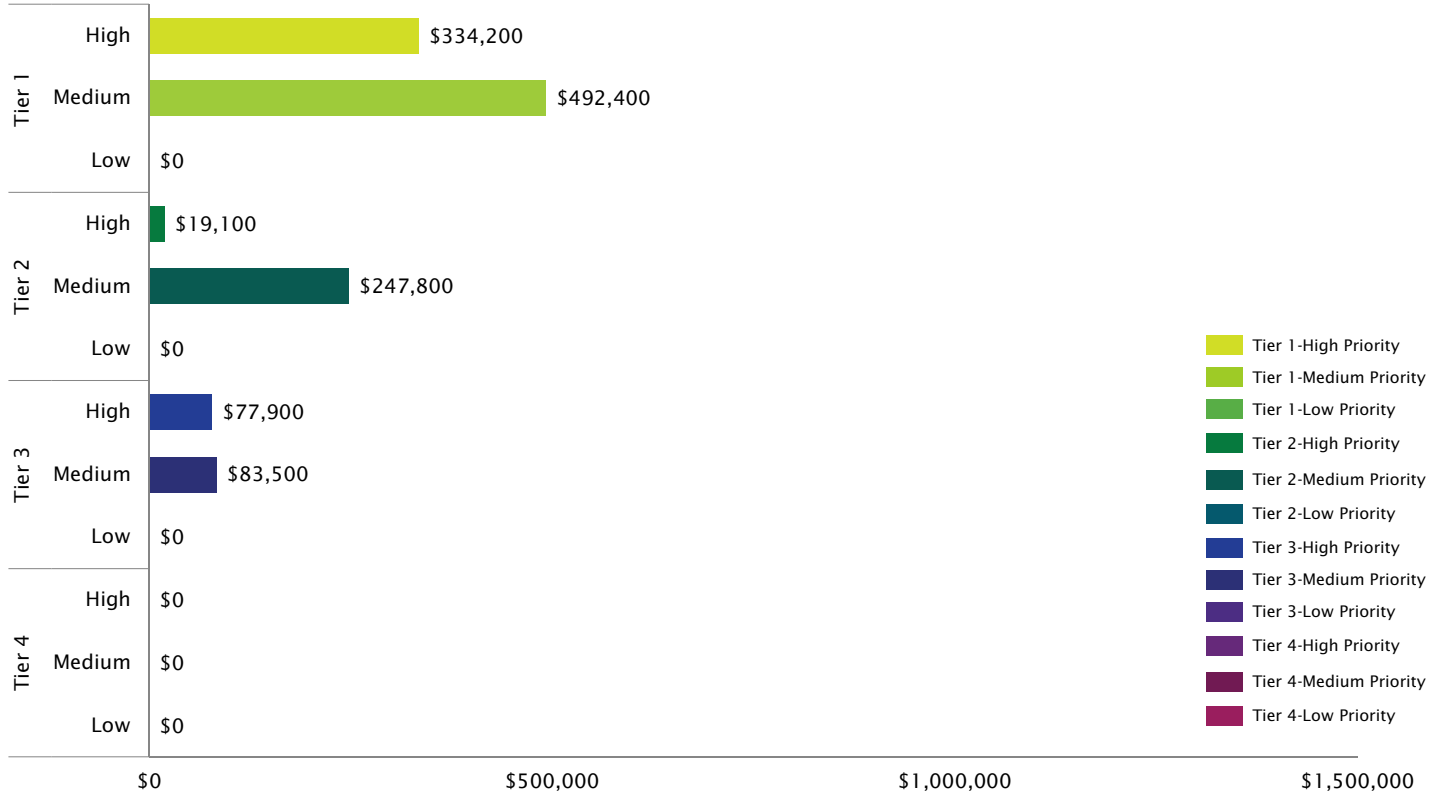
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

1103 Canyon Drive
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, K-6

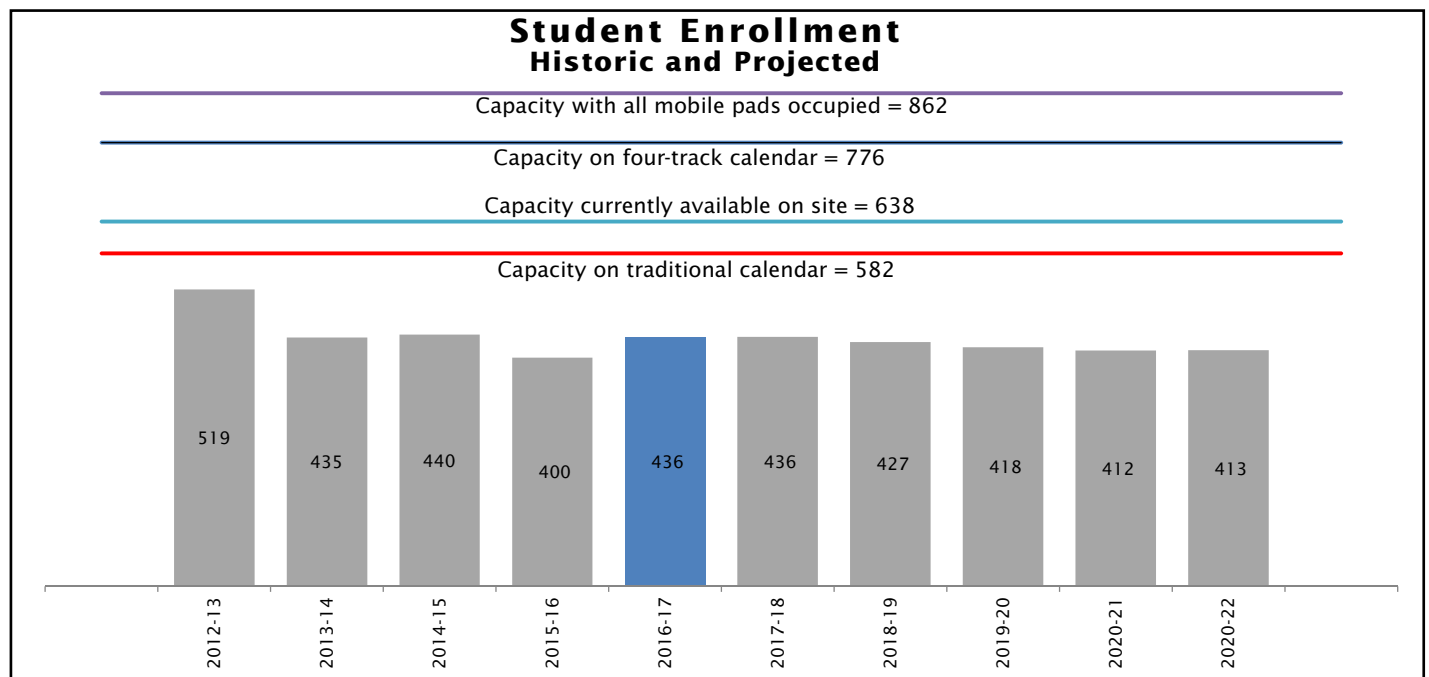
Funded by 1984 Bond
 Opened in 1984

Site Acreage: 15.4
 Facility Square Feet: 52,907
 Mobiles on Site: 1

Castle Rock Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,254,900
Estimated Total Project Costs: \$1,444,645 - \$2,065,604



Following is the list of currently unfunded facility projects at Castle Rock Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$81,000	\$8100-\$34900	\$4050-\$17415
	High	Controls. Needs-Upgrade control system	\$178,100	\$17900-\$76600	\$8905-\$38291
	High	Switchgear-Main. Needs-Replace main switchgear and associated electrical distribution.	\$67,000	\$6700-\$28900	\$3350-\$14405
	High	Playing Fields. Playground. Needs-Replace pea gravel with fibar at preschool play area	\$8,100	\$900-\$3500	\$405-\$1741
Tier 1	Medium	Panels and Transformers. Needs-Replace original panels and transformers	\$404,800	\$40500-\$174100	\$20240-\$87032
	Medium	Exhaust Ventilation Systems. Exhaust Fans. Needs-Replace exhaust fans	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Exhaust Ventilation Systems. Kitchen Hood. Needs-Replace MAU	\$55,200	\$5600-\$23800	\$2760-\$11868
	Medium	Package Units. Needs-Replace cabinet heaters at entries, 7 total	\$12,200	\$1300-\$5300	\$610-\$2623
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Exterior Windows. Needs-Recaulk windows	\$4,200	\$500-\$1900	\$210-\$903
	High	Flooring Cafeteria. Needs-Replace VCT	\$11,900	\$1200-\$5200	\$595-\$2558
	Medium	Drinking Fountains and Coolers. Needs-Replace metal drinking fountains	\$3,700	\$400-\$1600	\$185-\$795
	Medium	Flooring Restroom. Needs-Replace original ceramic tile with poured acrylic	\$28,400	\$2900-\$12300	\$1420-\$6106
	Medium	Paint Exterior. Needs-Paint exterior trim, windows, and doors	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Retractable Partition. Needs-Repair operable partitions between classrooms. Partion between gym and cafeteria in worst condition.	\$16,300	\$1700-\$7100	\$815-\$3504
	Medium	Sink Countertops. Needs-Replace sink countertops in all restrooms with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Sinks. Needs-Replace with sink countertops, single surface	\$12,200	\$1300-\$5300	\$610-\$2623
	Medium	Stair, Tread and Landing Finishes. Needs-Replace stair tread	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Flooring Carpet. Needs-Replace carpet in conference rm and 2 rms on upper level	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Paving and Surfacing. Parking Lot. Needs-Parking lot asphalt cracks need filled	\$60,800	\$6100-\$26200	\$3040-\$13072
	Medium	Paving and Surfacing. Sidewalks. Needs-Repair areas of sidewalk and loading dock	\$16,300	\$1700-\$7100	\$815-\$3504
	Medium	Boiler Room Piping and Specialties. Needs-Add VFDs to motors/pumps	\$46,400	\$4700-\$20000	\$2320-\$9976
	Medium	Direct Expansion Systems. Roof top units. Needs-Paint units. Provide units with VFDs	\$23,200	\$2400-\$10000	\$1160-\$4988
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$6,400	\$700-\$2800	\$320-\$1376
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Suspended Ceilings. Needs-Replace ceiling grid and tile	\$81,000	\$8100-\$34900	\$4050-\$17415
	Medium	Movable Furnishing. FFE. Needs-Replace wooden basketball backboards in gym, 6 total	\$2,500	\$300-\$1100	\$125-\$537

Estimated Total Construction Costs (in 2017 Dollars): \$1,254,900
 Estimated Project Management Costs Range: \$127,000 - \$540,900
 Estimated Inflation Range: \$62,745 - \$269,804

Estimated Total Project Costs: \$1,444,645 - \$2,065,604

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

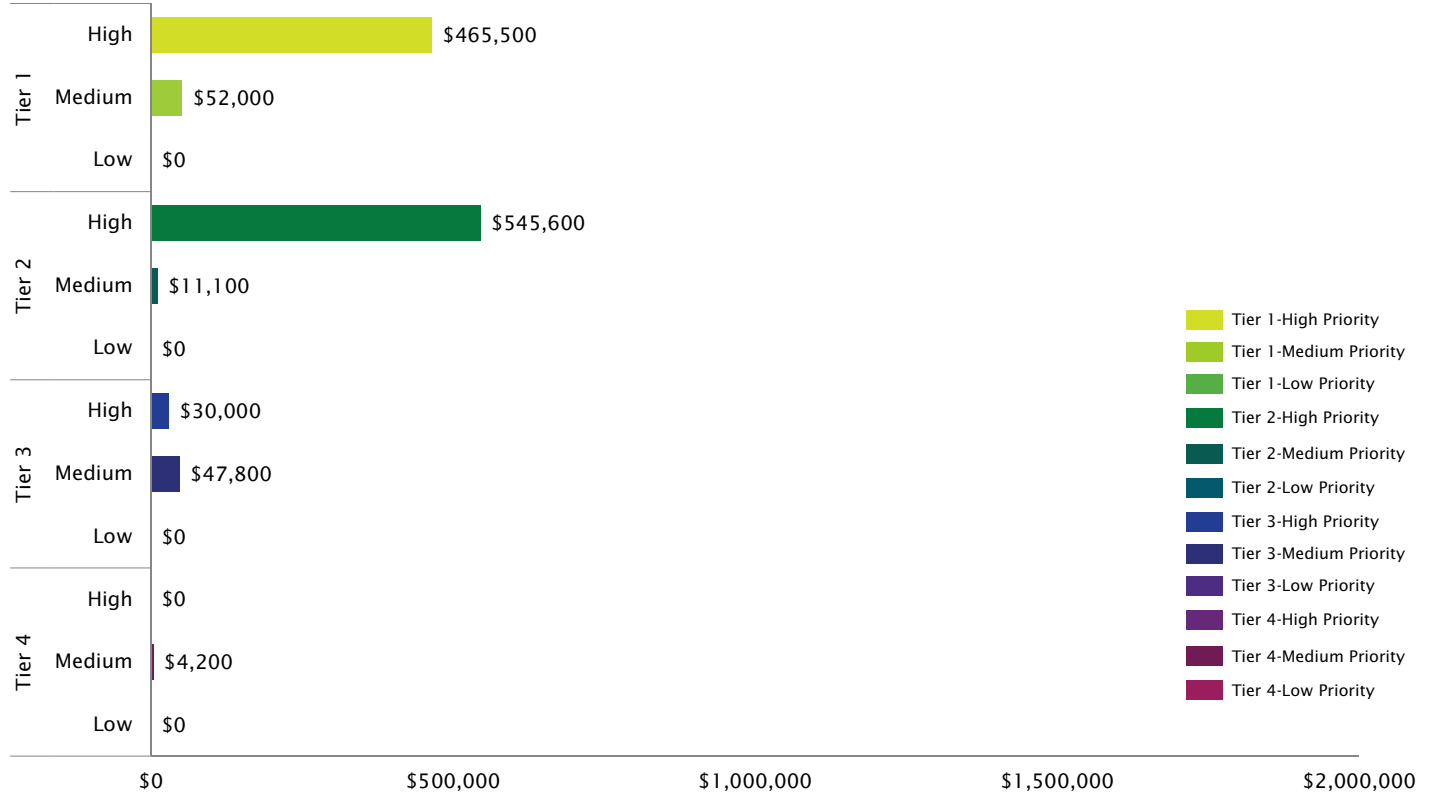
2575 Meadows Boulevard
 Castle Rock, CO 80126
 Castle View High School Feeder Area, 7-8

Funded by 1993 Bond
 Opened in 1996

Site Acreage:22
 Facility Square Feet: 128,680
 Mobiles on Site: 0

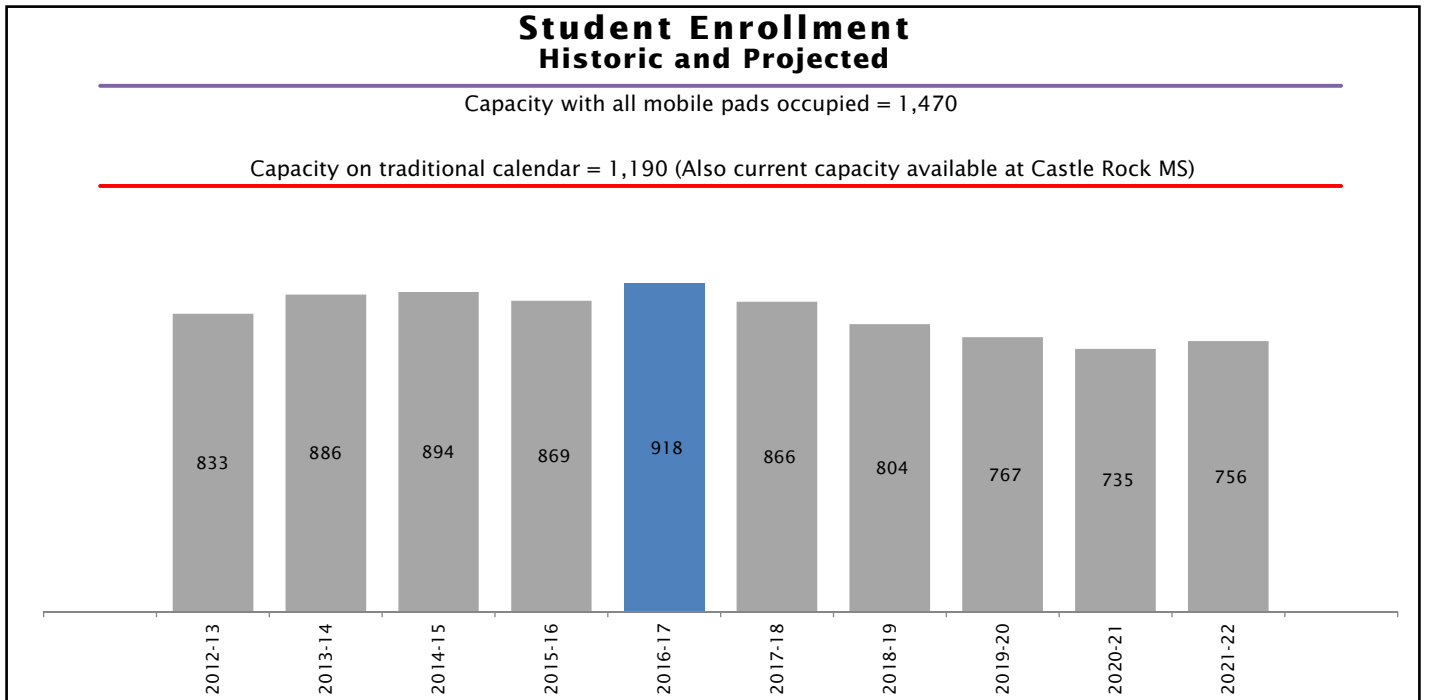
Castle Rock Middle School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,156,200

Estimated Total Project Costs: \$1,331,010 - \$1,903,283



Following is the list of currently unfunded facility projects at Castle Rock Middle School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Air Distribution Systems. Needs-HVAC system upgrade	\$155,600	\$15600-\$67000	\$7780-\$33454
	High	Fixed Multiple Seating. Needs-Replace bleachers in gym	\$40,000	\$4000-\$17200	\$2000-\$8600
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$255,100	\$25600-\$109700	\$12755-\$54846
	High	Water Treatment Systems. Needs-Upgrade	\$14,800	\$1500-\$6400	\$740-\$3182
	Medium	Commissioning and Re-Commissioning. Commission if system upgraded	\$52,000	\$5200-\$22400	\$2600-\$11180
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$4,200	\$500-\$1900	\$210-\$903
	High	Exterior Windows. Needs-Recaulk windows	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Fabricated Toilet Partitions. Replace with solid plastic in all wings upper and lower	\$23,800	\$2400-\$10300	\$1190-\$5117
	High	Flooring Carpet. Needs-Replace carpet	\$315,000	\$31500-\$135500	\$15750-\$67725
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$29,800	\$3000-\$12900	\$1490-\$6407
	High	Theater \$ Stage Equipment, Auditorium Sound Equipment. Strand CD80. Needs-Upgrade Strand controller	\$9,600	\$1000-\$4200	\$480-\$2064
	High	Fixed Casework. Needs-Computer counter tops need to be raised in the library	\$3,800	\$400-\$1700	\$190-\$817
	High	Flooring Hallways/Classrooms. Needs-replace VCT in classroom areas.	\$64,800	\$6500-\$27900	\$3240-\$13932
	High	Flooring Kitchen. Needs-Replace kitchen flooring. Currently red hubblelite.	\$56,700	\$5700-\$24400	\$2835-\$12190
	High	Paving \$ Surfacing, Sidewalks. Needs repaired in areas	\$16,600	\$1700-\$7200	\$830-\$3569
	Medium	Retractable Partition. Needs-Repair/refurbish operable partitions at pod areas	\$11,100	\$1200-\$4800	\$555-\$2386
Tier 3	High	Blinds and Window Treatment. Needs-Install blinds on all lower level classrooms	\$12,200	\$1300-\$5300	\$610-\$2623
	High	Regular Stairs. Reseal concrete stairs	\$5,200	\$600-\$2300	\$260-\$1118
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$8,500	\$900-\$3700	\$425-\$1827
	High	Blinds and Other Window Treatment. Need-Install blinds on east facing clearstory windows	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Other Landscape Features. Needs-Fix drainage problem on east side of school	\$10,400	\$1100-\$4500	\$520-\$2236
	Medium	Playing Fields. Multi-use Field. Needs-Replace goal posts on athletic field	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Suspended Ceilings. Needs-Replace kitchen tiles with food grade	\$3,100	\$400-\$1400	\$155-\$666
	Medium	Furnishings. Needs-Replace chalk boards with white boards. 13 total	\$4,100	\$500-\$1800	\$205-\$881
Medium	Special Facilities. Needs-Tech area needs better sink, better exhaust ventilation system, better storage cabinets	\$22,100	\$2300-\$9600	\$1105-\$4751	
Tier 4	Medium	Planting. Needs-Replace some trees	\$4,200	\$500-\$1900	\$210-\$903

Estimated Total Construction Costs (in 2017 Dollars): \$1,156,200
 Estimated Project Management Costs Range: \$117,000 - \$498,500
 Estimated Inflation Range: \$57,810 - \$248,583

Estimated Total Project Costs: \$1,331,010 - \$1,903,283

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

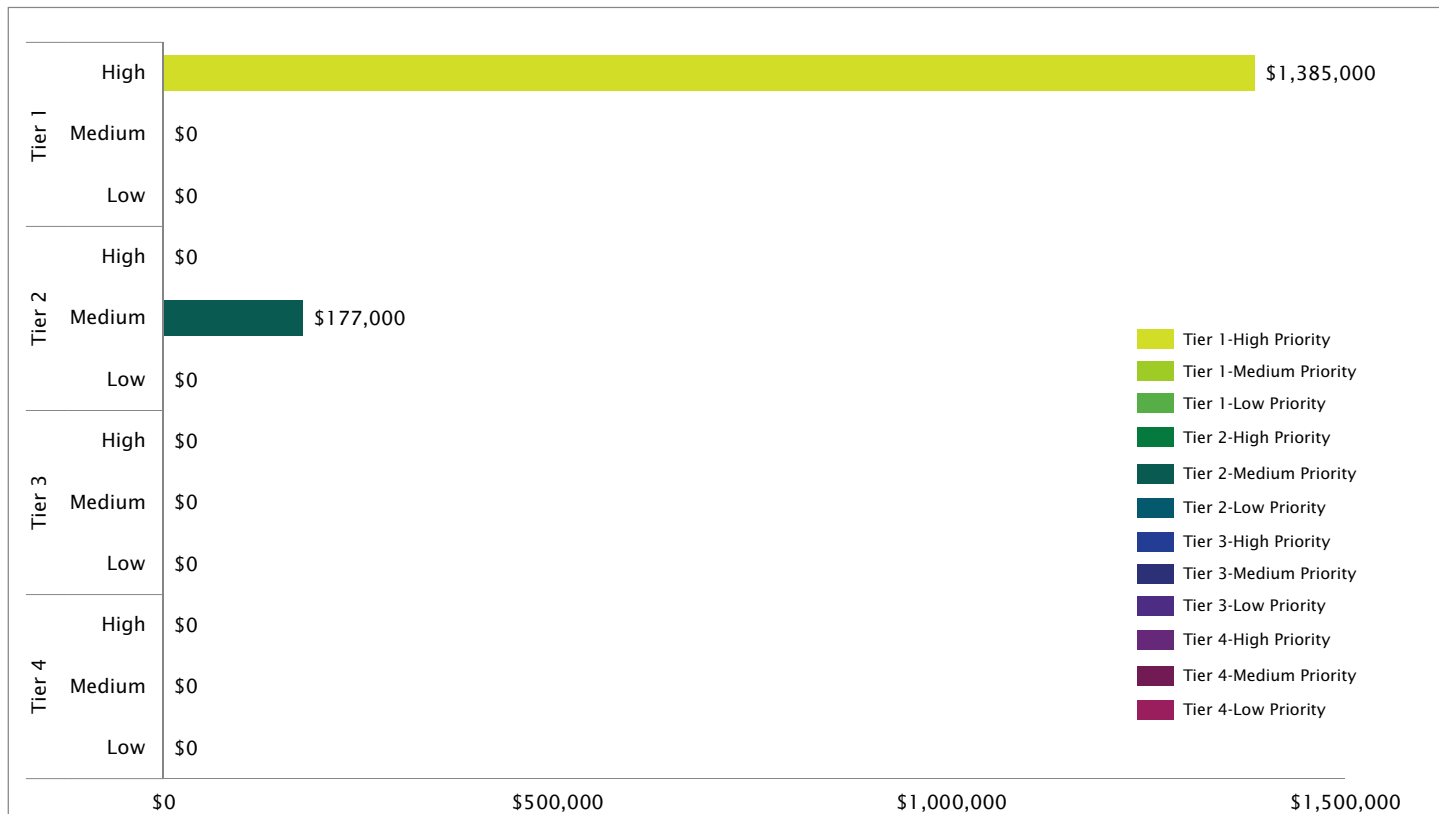
5254 North Meadows Drive
 Castle Rock, CO 80109
 Castle View High School Feeder Area, 9-12

Funded by 2003 Bond
 Opened in 2006

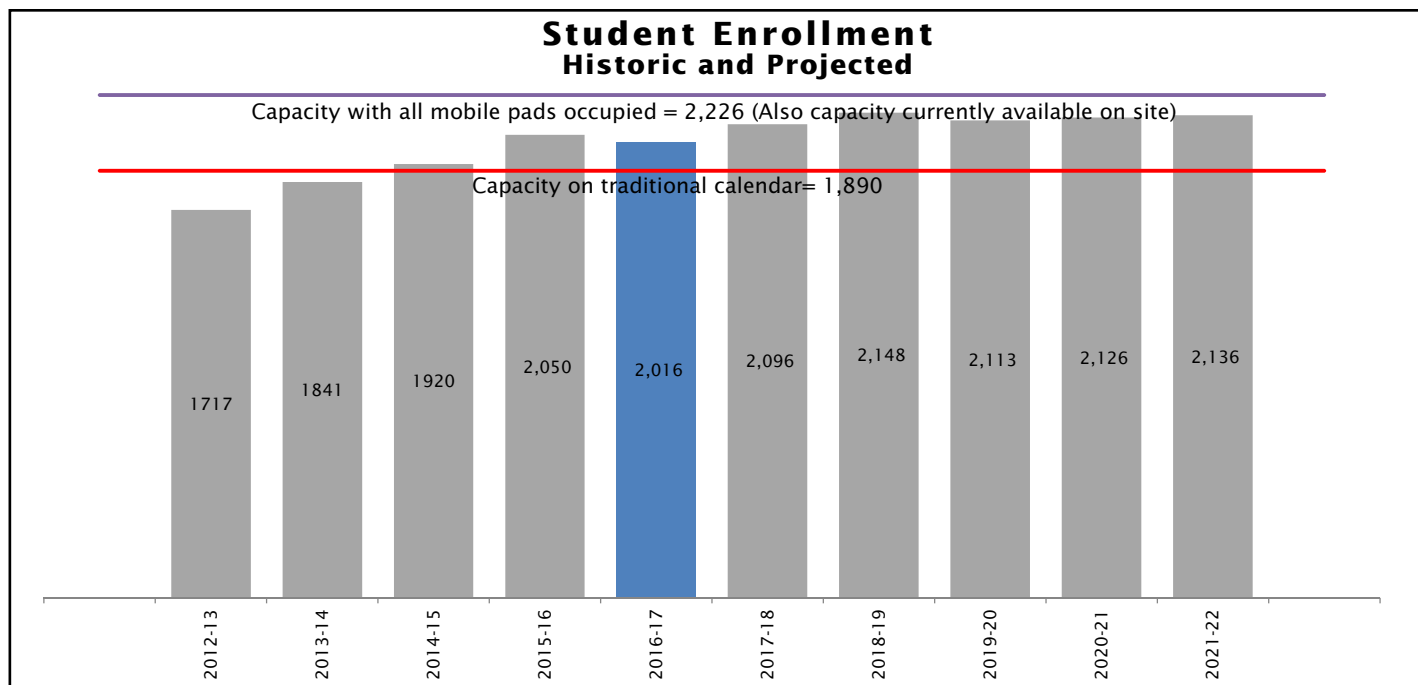
Site Acreage: 35.4
 Facility Square Feet: 218,106
 Mobiles on Site: 6

Castle View High School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,562,000
Estimated Total Project Costs: \$1,796,300 - \$2,569,730



Following is the list of currently unfunded facility projects at Castle View High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls and Instrumentation. Needs-Upgrade control system	\$1,000,000	\$100000-&430000	\$50000-&215000
	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$385,000	\$38500-&165600	\$19250-&82775
Tier 2	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface/repair parking lot	\$50,000	\$5000-&21500	\$2500-&10750
	Medium	Exterior Wall Construction. CMU. Needs-Re-seal CMU, recaulk control joints	\$55,000	\$5500-&23700	\$2750-&11825
	Medium	Exterior Windows. Needs-Re-caulk windows	\$67,000	\$6700-&28900	\$3350-&14405
	Medium	Paving and Surfacing. Sidewalks. Needs-Repair as necessary, decent at time of assessment	\$5,000	\$500-&2200	\$250-&1075

Estimated Total Construction Costs (in 2017 Dollars): \$1,562,000
 Estimated Project Management Costs Range: \$156,200 - \$671,900
 Estimated Inflation Range: \$78,100 - \$335,830

Estimated Total Project Costs: \$1,796,300 - \$2,569,730

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Chaparral High

Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

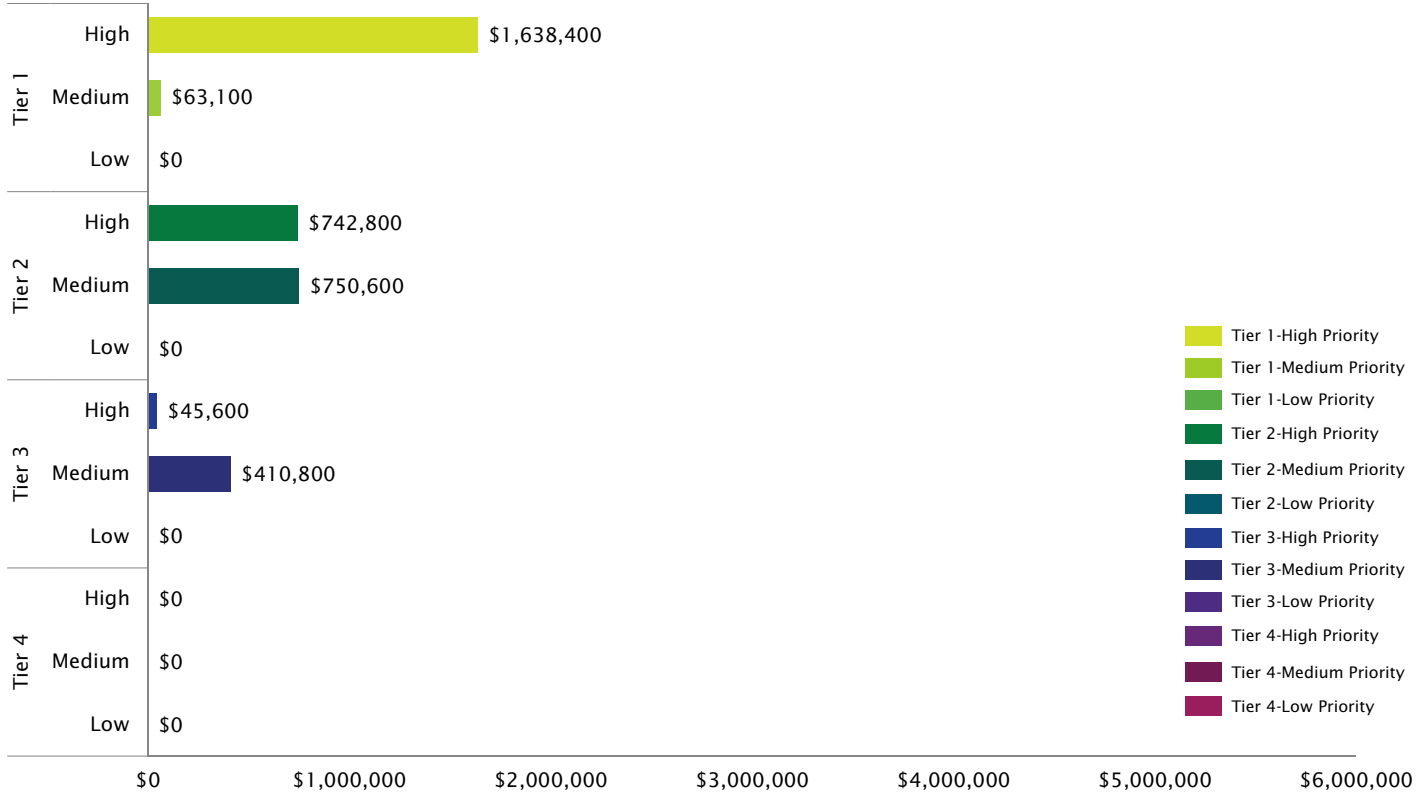
15665 Brookstone Drive
Parker, CO 80134
Chaparral High School Feeder Area, 9-12

Funded by 1993 Bond
Opened in 1997

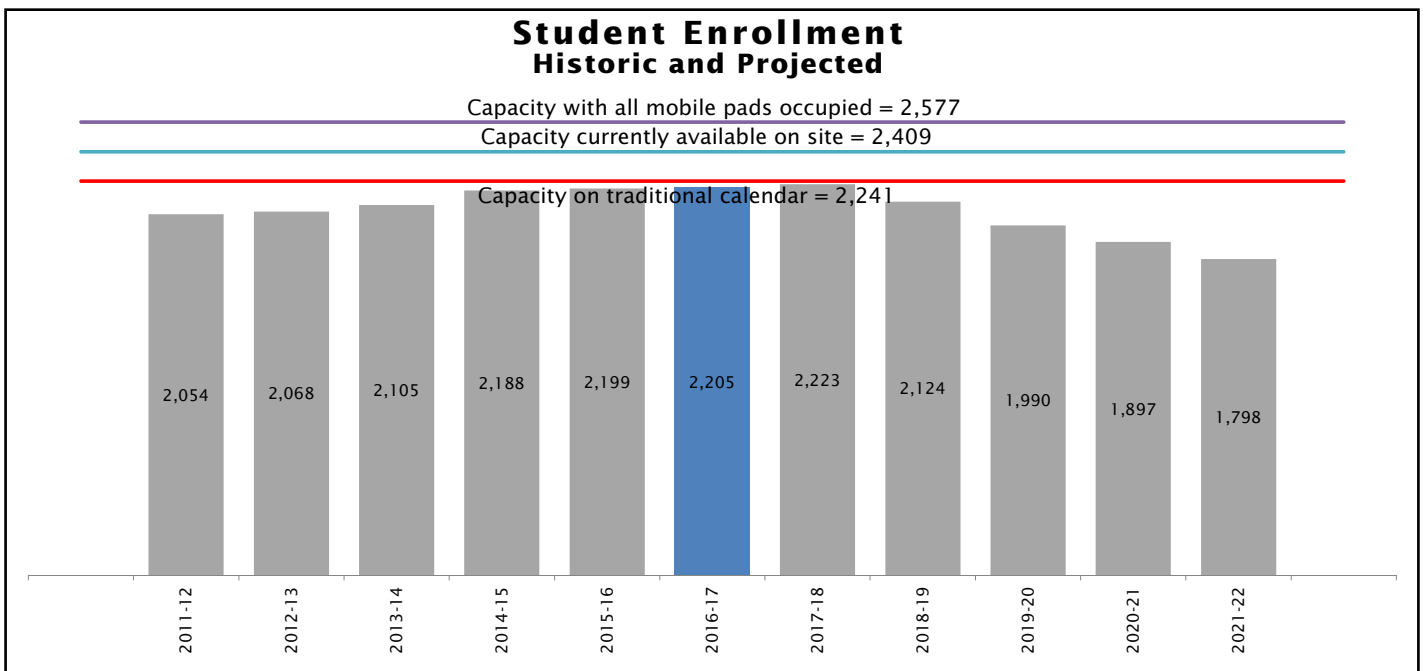
Site Acreage: 50
Facility Square Feet: 240,367
Mobiles on Site: 3

Chaparral High School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$3,651,300
Estimated Total Project Costs: \$4,200,465 - \$6,008,130



Following is the list of currently unfunded facility projects at Chapparral High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Install new roof on F-pod.	\$297,700	\$29800-\$128100	\$14885-\$64005
	High	Direct Expansion Systems. Roof top units. Replace RTUs	\$937,200	\$93800-\$403000	\$46860-\$201498
	High	Air Distribution Systems. Update air handlers with HW coils, new motors, and VFDs.	\$185,400	\$18600-\$79800	\$9270-\$39861
	High	Change-over Distribution System. Replace all fan powered boxes to VAV reheat	\$185,400	\$18600-\$79800	\$9270-\$39861
	High	Glycol Distribution Systems. Poor condition. Needs-Upgrade and add HW loop to system	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Water Treatment Systems. Poor condition. Needs-Upgrade and add HW loop to system	\$17,900	\$1800-\$7700	\$895-\$3848.5
	Medium	Commissioning and Re-Commissioning. Needs-Rebalance HVAC system	\$52,000	\$5200-\$22400	\$2600-\$11180
	Medium	Energy Supply. Needs-Replace main gas line at meter	\$11,100	\$1200-\$4800	\$555-\$2386
Tier 2	High	Exterior Wall Construction. Recaulk control joints. Re-seal CMU	\$51,000	\$5100-\$22000	\$2550-\$10965
	High	Exterior Windows. Fix curtain wall window leakage at commons and hallways.	\$133,900	\$13400-\$57600	\$6695-\$28788
	High	Exterior Windows. Needs-Recaulk windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Fabricated Toilet Partitions. Replace PE restrooms. Replace all bathroom partitions	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Flooring Carpet. Needs-Replace carpet. X-Carpet in main and pod hallways replaced 2017	\$300,000	\$30000-\$129000	\$15000-\$64500
	High	Flooring Restroom. Needs-Replace original flooring with poured acrylic in main and lower level cafeteria restrooms	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Sink Countertops. Replace restroom sink counter tops	\$38,300	\$3900-\$16500	\$1915-\$8234
	High	Theater & Stage Equipment. Replace ~100 seats in auditorium	\$33,500	\$3400-\$14500	\$1675-\$7202
	High	Interior Doors. Replace cafeteria/kitchen entry doors	\$4,600	\$500-\$2000	\$230-\$989
	High	Irrigation Systems. Needs-Replace 4 irrigation controllers	\$12,500	\$1300-\$5400	\$625-\$2687
	High	Markings & Signage. Replace parking lot signage	\$3,100	\$400-\$1400	\$155-\$666
	High	Other Doors & Entrances. Replace continuous hinges on storefront doors	\$8,400	\$900-\$3700	\$420-\$1806
	High	Overhead Doors. Needs-Replace (4) four rollup doors at kitchen	\$13,400	\$1400-\$5800	\$670-\$2881
	High	Paving & Surfacing, Sidewalks. Repair asphalt sidewalks	\$5,200	\$600-\$2300	\$260-\$1118
	High	Showers. Replace showers	\$15,600	\$1600-\$6800	\$780-\$3354
		Medium	Flooring Cafeteria. VCT repairs are needed around stairway and into hall.	\$6,400	\$700-\$2800
Medium		Paving and Surfacing. Resurface parking areas	\$661,500	\$66200-\$284500	\$33075-\$142222
Medium		Flooring Cafeteria. Replace VCT in commons and hallways	\$82,700	\$8300-\$35600	\$4135-\$17780
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$29,800	\$3000-\$12900	\$1490-\$6407
	High	Standard Slab on Grade. F-wing, drama room and science room had the floor lifted in 2007. Needs- Floor has dropped by the column by 500L entrance.	\$12,700	\$1300-\$5500	\$635-\$2730
	High	Structural Slab on Grade. The closet between rooms 322 and 207 needs mud jacking done or repair and the tiles need replaced.	\$3,100	\$400-\$1400	\$155-\$666
	Medium	Playing Fields. Softball Field Fence needs replaced	\$31,300	\$3200-\$13500	\$1565-\$6729
	Medium	Suspended Ceilings. Replace kitchen tile with food grade	\$5,500	\$600-\$2400	\$275-\$1182
	Medium	Fire Sprinkler Water Supply. -Would need to sprinkle all areas if renovation. Pods not sprinkled.	\$281,200	\$28200-\$121000	\$14060-\$60458
	Medium	Vinyl Covering. Needs- vinyl repair or replacement	\$92,800	\$9300-\$40000	\$4640-\$19952

Estimated Total Construction Costs (in 2017 Dollars): \$3,651,300
 Estimated Project Management Costs Range: \$366,600 - \$1,571,800
 Estimated Inflation Range: \$182,565 - \$785,030

Estimated Total Project Costs: \$4,200,465 - \$6,008,130

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

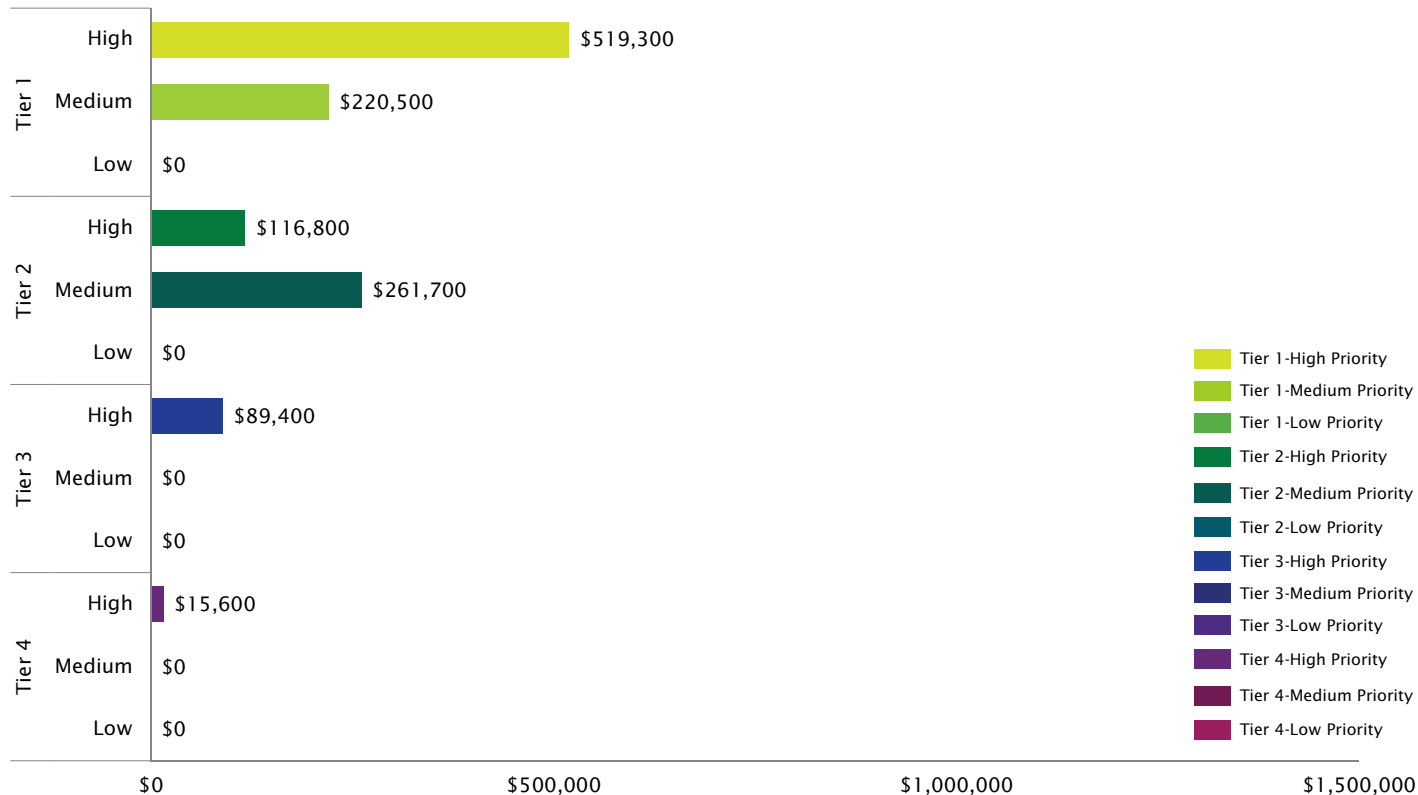
17302 Clarke Farms Dr.
Parker, CO 80134
Chaparral High School Feeder Area, K-6

Funded by 1984 Bond
Opened in 1989

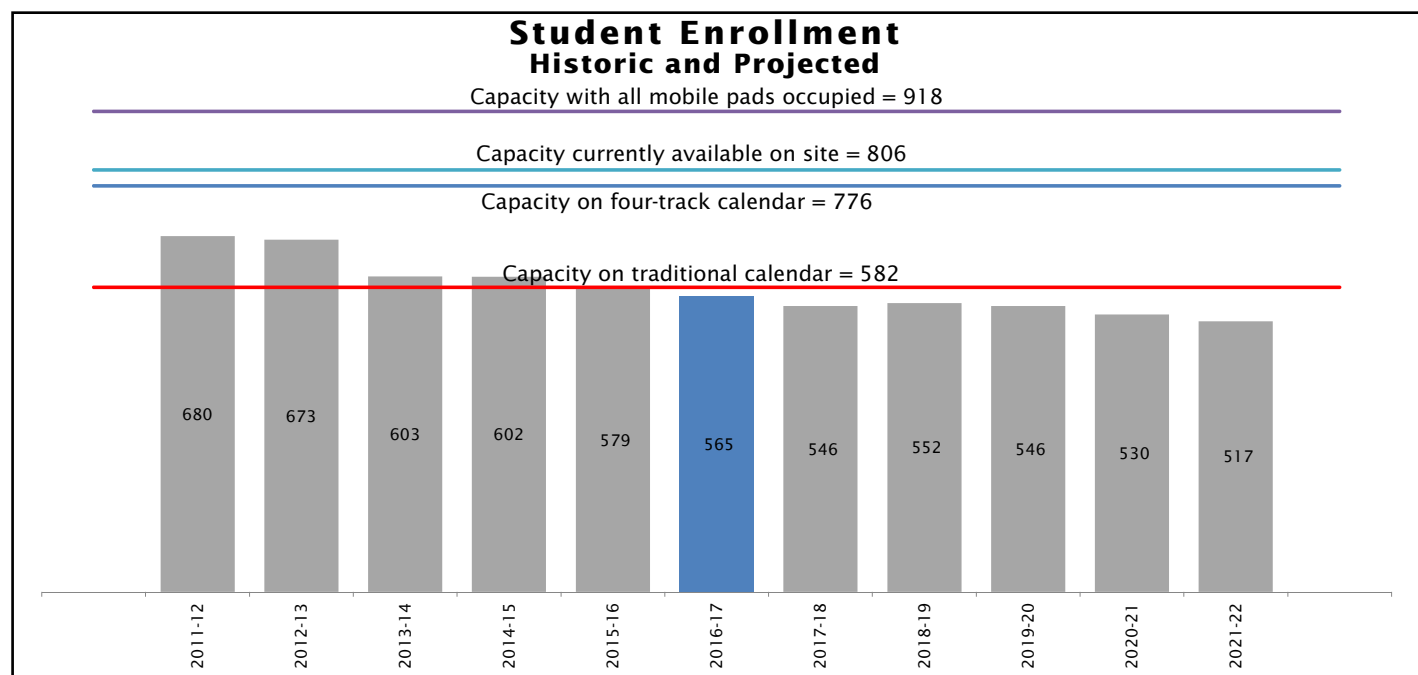
Site Acreage: 10
Facility Square Feet: 53,237
Mobiles on Site: 4

Cherokee Trail Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,223,300
Estimated Total Project Costs: \$1,407,765 - \$2,013,410



Following is the list of currently unfunded facility projects at Cherokee Trail Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Needs-Upgrade VAV boxes	\$414,800	\$41500-\$178400	\$20740-\$89182
	High	Panels and Transformers. Needs-Replace original panels and transformers	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Switchgear-Main. Needs-Replace main switchgear	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Branch Wiring Devices. Needs-Replace sealite and wiring to equipment on roof	\$2,800	\$300-\$1300	\$140-\$602
	High	Glazed Roof Openings.Skylights. Needs-Repair/replace main skylight, leaks frequently	\$11,100	\$1200-\$4800	\$555-\$2386
	High	Lighting Equipment. Needs-Replace old exit signs, about half left	\$5,600	\$600-\$2500	\$280-\$1204
	Medium	Direct Expansion Systems. Roof top units. Needs-Replace 2 RTU's from 2001	\$220,500	\$22100-\$94900	\$11025-\$47407
Tier 2	High	Exterior Windows. Needs-Replace exterior windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Energy Supply. Needs-Replace gas piping on roof	\$1,700	\$200-\$800	\$85-\$365.5
	High	Retractable Partition. Needs-Repair and replace vinyl on the portable wall partitions	\$11,100	\$1200-\$4800	\$555-\$2386
	High	Sink Countertops. Needs-Replace sink counter tops in 3 pods	\$29,800	\$3000-\$12900	\$1490-\$6407
	High	Paving \$ Surfacing, Sidewalks. Needs-Repair/replace areas of cracked sidewalk	\$10,400	\$1100-\$4500	\$520-\$2236
	Medium	Flooring Kitchen. Needs-Replace kitchen flooring	\$51,000	\$5100-\$22000	\$2550-\$10965
	Medium	Fixed Casework. Needs-Replace all original fixed casework in classrooms and offices	\$162,000	\$16200-\$69700	\$8100-\$34830
	Medium	Lavatories. Needs-Replace lavatories	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Urinals. Needs-Replace urinals	\$15,500	\$1600-\$6700	\$775-\$3332
	Medium	Water Closets. Needs-Replace toilets	\$22,100	\$2300-\$9600	\$1105-\$4751
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$6,400	\$700-\$2800	\$320-\$1376
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$83,000	\$8300-\$35700	\$4150-\$17845
Tier 4	High	Other Landscape Features. Needs-Replace metal edging with concrete mow strip	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Seeding \$ Sodding. Needs-Resod/reseed grass areas	\$5,200	\$600-\$2300	\$260-\$1118

Estimated Total Construction Costs (in 2017 Dollars): \$1,223,300
 Estimated Project Management Costs Range: \$123,300 - \$527,100
 Estimated Inflation Range: \$61,165 - \$263,010

Estimated Total Project Costs: \$1,407,765 - \$2,013,410

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

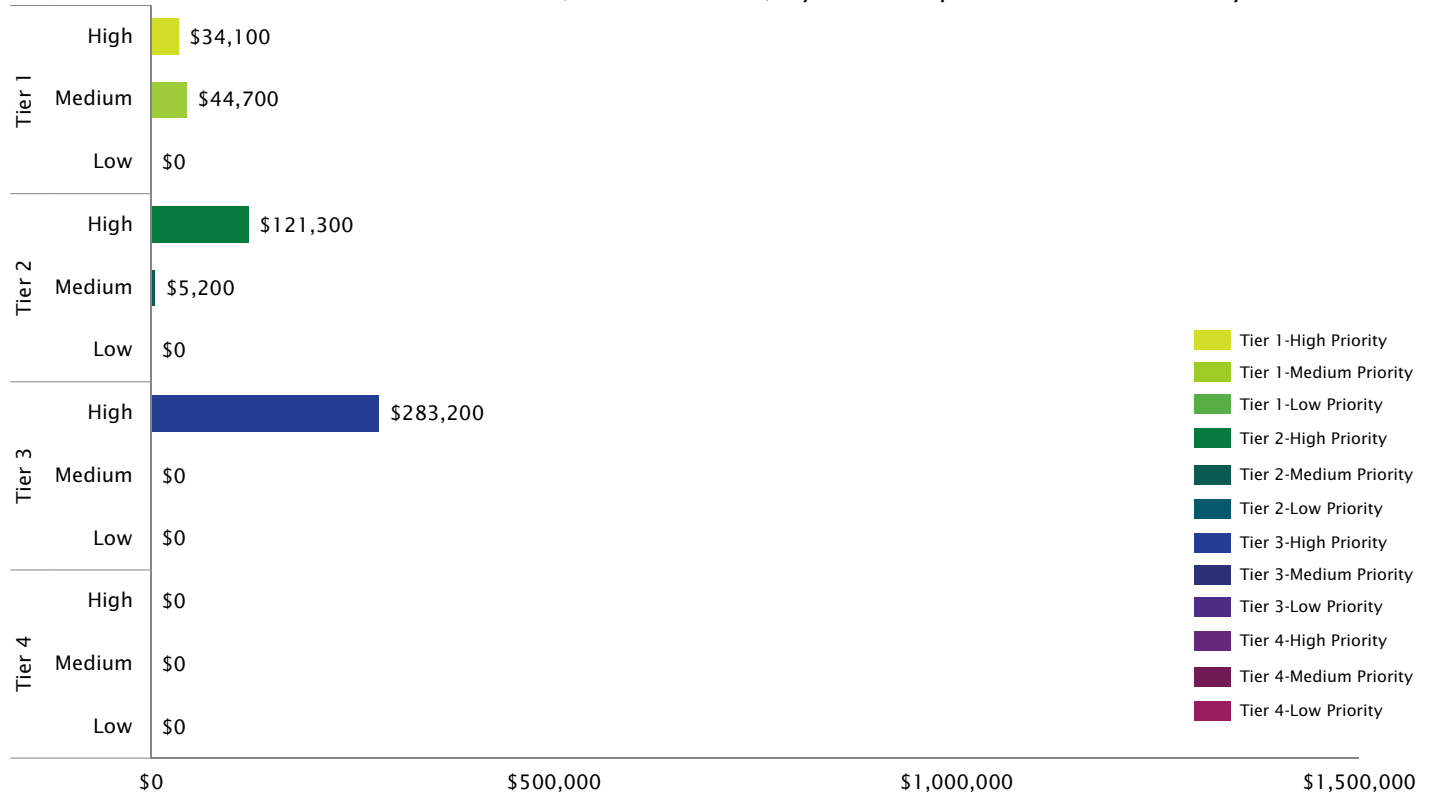
9244 South State Highway 83
 Franktown, CO 80116
 Douglas County High School Feeder Area, K-6

Funded prior to 1952
 Opened in 1952

Site Acreage: 4
 Facility Square Feet: 4,657
 Mobiles on Site: 1

Cherry Valley Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority

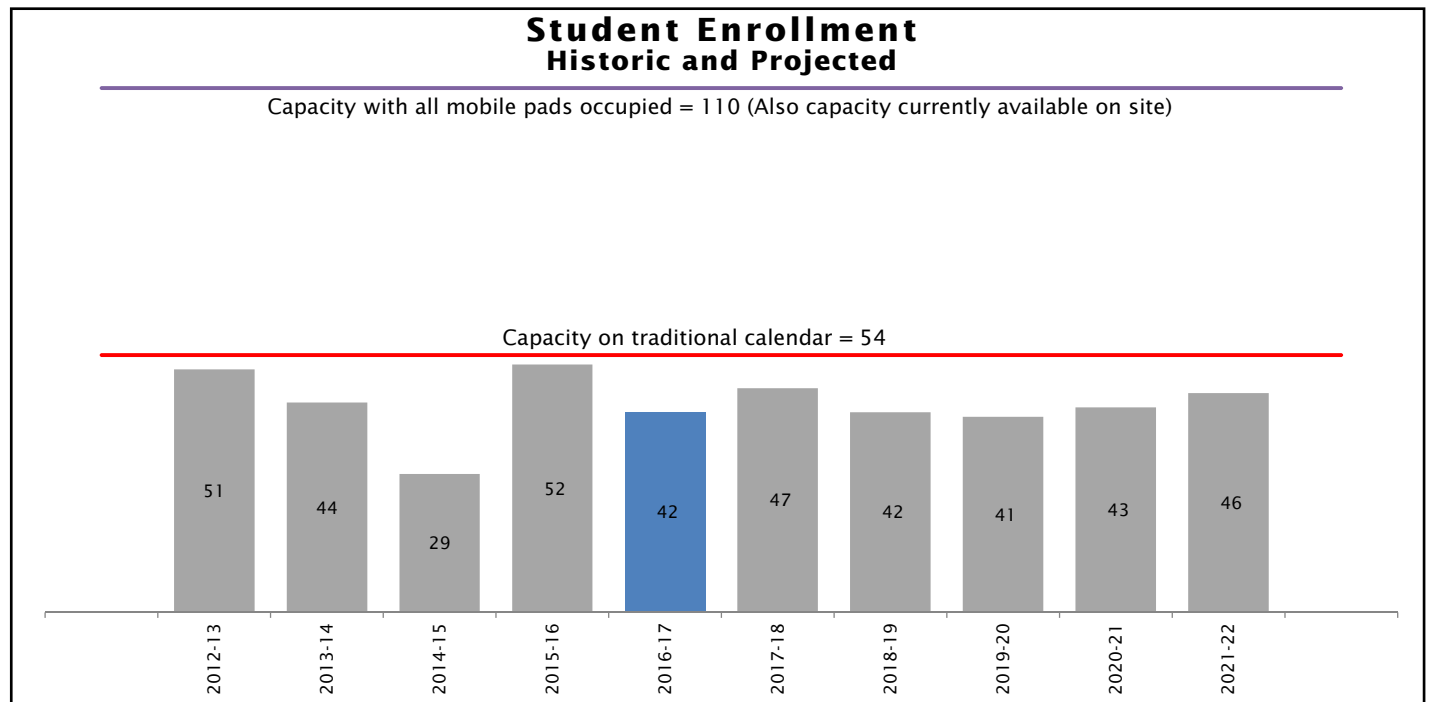


Estimated Total Construction Costs (in 2017 Dollars): \$488,500
Estimated Total Project Costs: \$562,325 - \$804,328

Student Enrollment Historic and Projected

Capacity with all mobile pads occupied = 110 (Also capacity currently available on site)

Capacity on traditional calendar = 54



Following is the list of currently unfunded facility projects at Cherry Valley Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$34,100	\$3500-\$14700	\$1705-\$7331
	Medium	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$44,700	\$4500-\$19300	\$2235-\$9610
Tier 2	High	Exterior Wall Construction. Needs- Re-seal CMU. Repair cracks from settling. Re-caulk all joints.	\$3,200	\$400-\$1400	\$160-\$688
	High	Exterior Windows. Needs-Replace single pane windows in old school house	\$7,200	\$800-\$3100	\$360-\$1548
	High	Flooring Carpet Replacement	\$20,800	\$2100-\$9000	\$1040-\$4472
	High	Flooring Restroom. Needs-Replace ceramic tile with MMA	\$9,000	\$900-\$3900	\$450-\$1935
	High	Flooring Restroom. Needs-Replace linoleum in staff restroom	\$1,400	\$200-\$700	\$70-\$301
	High	Flooring Restrooms. Needs-Replace VCT in old school building. Possible abatement	\$9,000	\$900-\$3900	\$450-\$1935
	High	Flooring Gym, VCT replacement , needs abatement	\$26,000	\$2600-\$11200	\$1300-\$5590
	High	Paving and Surfacing. Parking Lot. Needs-Install new asphalt parking lot	\$44,700	\$4500-\$19300	\$2235-\$9610
	Medium	Solid Exterior Doors. Needs-Replace two doors on old schoolhouse	\$1,700	\$200-\$800	\$85-\$365
Medium	Windows. Needs-Replace windows in gym	\$3,500	\$400-\$1600	\$175-\$752	
Tier 3	High	Fences and Gates. Needs-Replace all fencing at around school perimeter, parking areas	\$4,600	\$500-\$2000	\$230-\$989
	High	Playing Fields. Multi-use Field. Needs-Install new synthetic turf for multi-use field	\$267,800	\$26800-\$115200	\$13390-\$57577
	High	Suspended Ceilings. Needs-Replace 1x1 glue on tiles in hallways and office	\$9,000	\$900-\$3900	\$450-\$1935
	High	Suspended Ceilings. Needs-Replace ceiling tiles in old school house.	\$1,800	\$200-\$800	\$90-\$387

Estimated Total Construction Costs (in 2017 Dollars): \$488,500
 Estimated Project Management Costs Range: \$49,400 - \$210,800
 Estimated Inflation Range: \$24,425 - \$105,028

Estimated Total Project Costs: \$562,325 - \$804,328

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

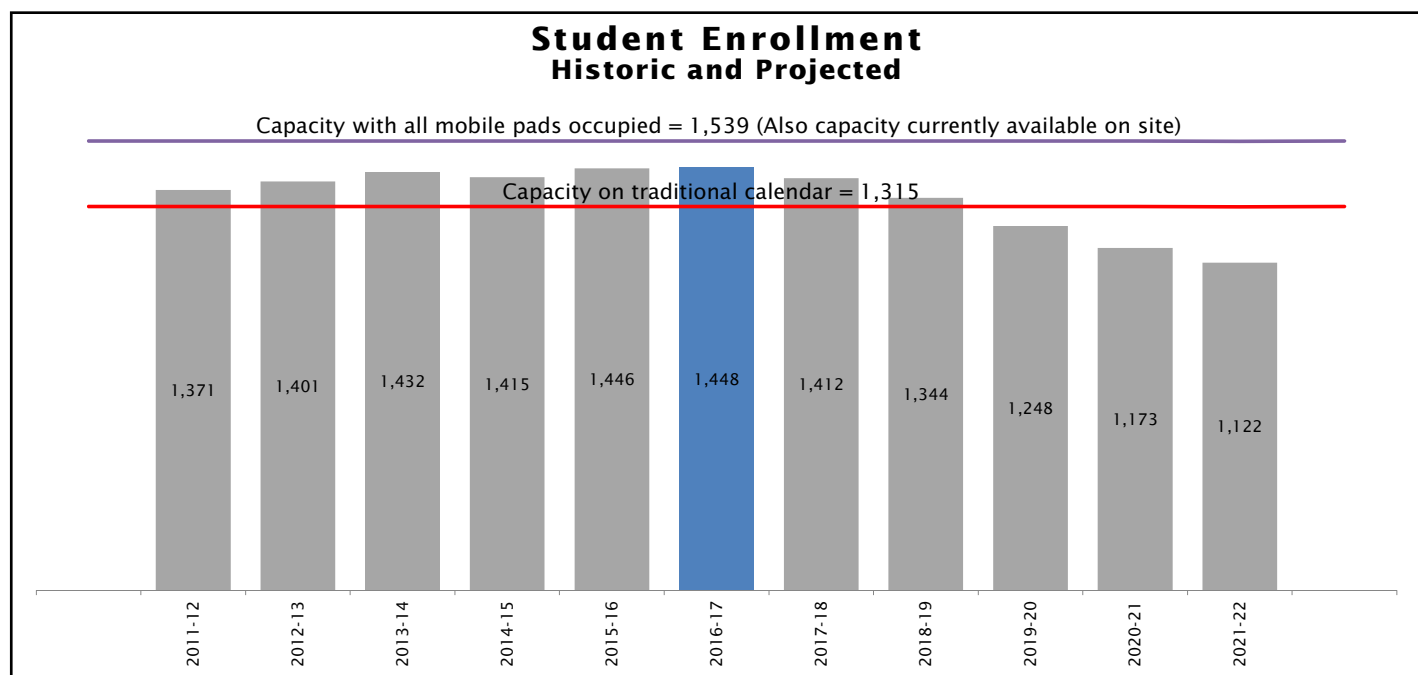
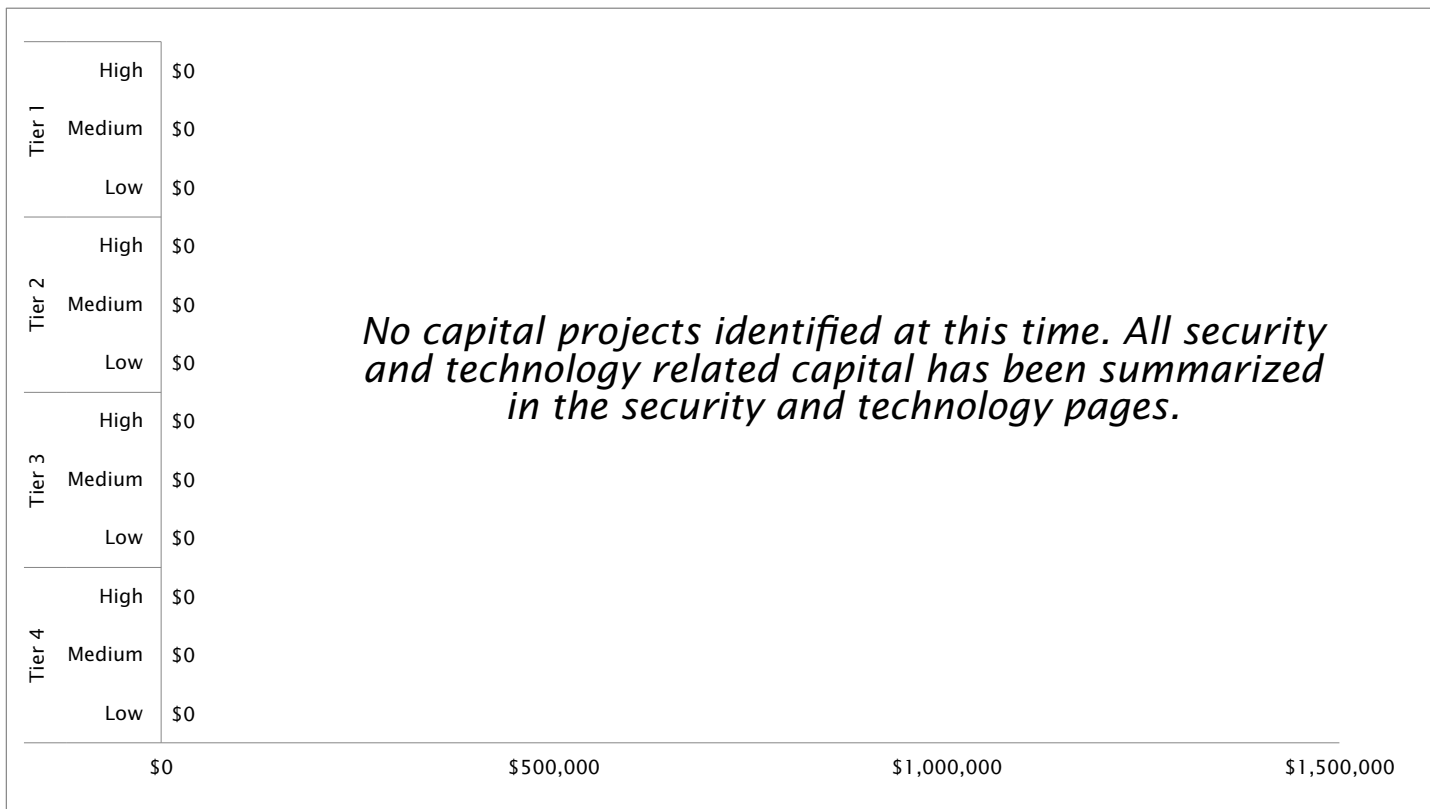
12130 Canterbury Parkway
 Parker, CO 80134
 Legend High School Feeder Area, 6-8

Funded by 2006 Bond
 Opened in 2010

Site Acreage: 22
 Facility Square Feet: 132,414
 Mobiles on Site: 4

Cimarron Middle School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
		<p><i>No capital projects identified at this time. All security and technology related capital has been summarized in the security and technology pages.</i></p>			

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

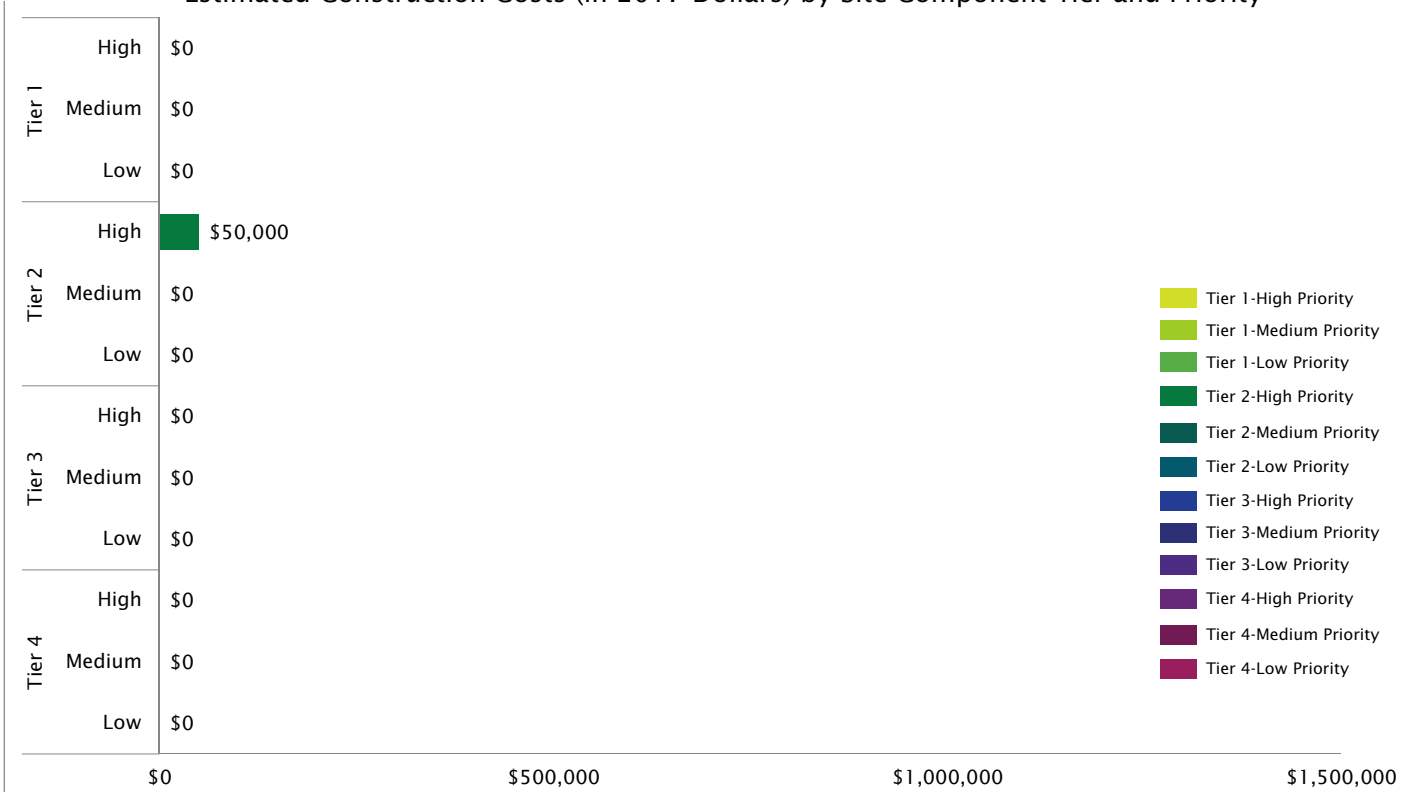
1470 Clear Sky Way
 Castle Rock, CO 80109
 Castle View High School Feeder Area, K-6

Funded by 2006 Bond
 Opened in 2008

Site Acreage:10
 Facility Square Feet: 73,146
 Mobiles on Site: 2

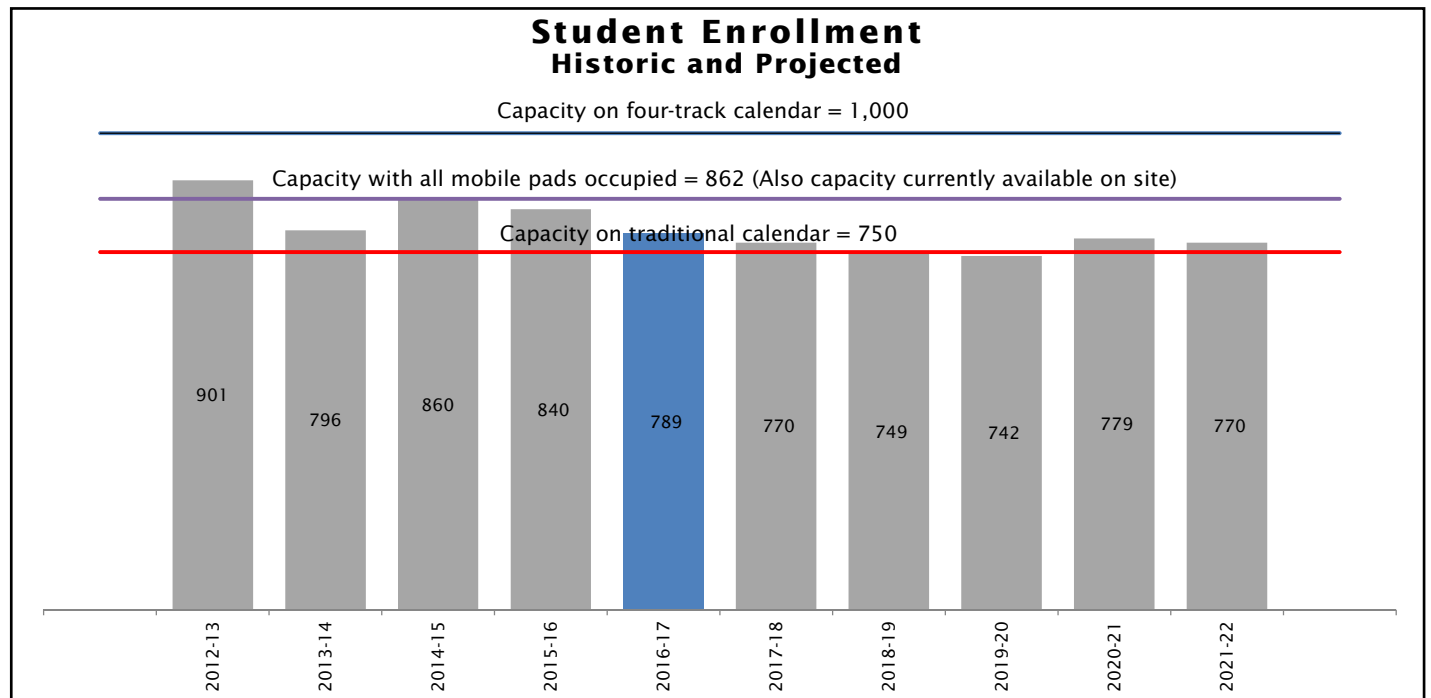
Clear Sky Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$50,000

Estimated Total Project Costs: \$57,500 - \$82,250



Following is the list of currently unfunded facility projects at Clear Sky Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 2	High	Special Foundations. Needs-Repair retaining wall movement where it attaches to building foundation	\$50,000	\$5000-\$21500	\$2500-\$10750

Estimated Total Construction Costs (in 2017 Dollars): \$50,000

Estimated Project Management Costs Range: \$5,000 - \$21,500

Estimated Inflation Range: \$2,500 - \$10,750

Estimated Total Project Costs: \$57,500 - \$82,250

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

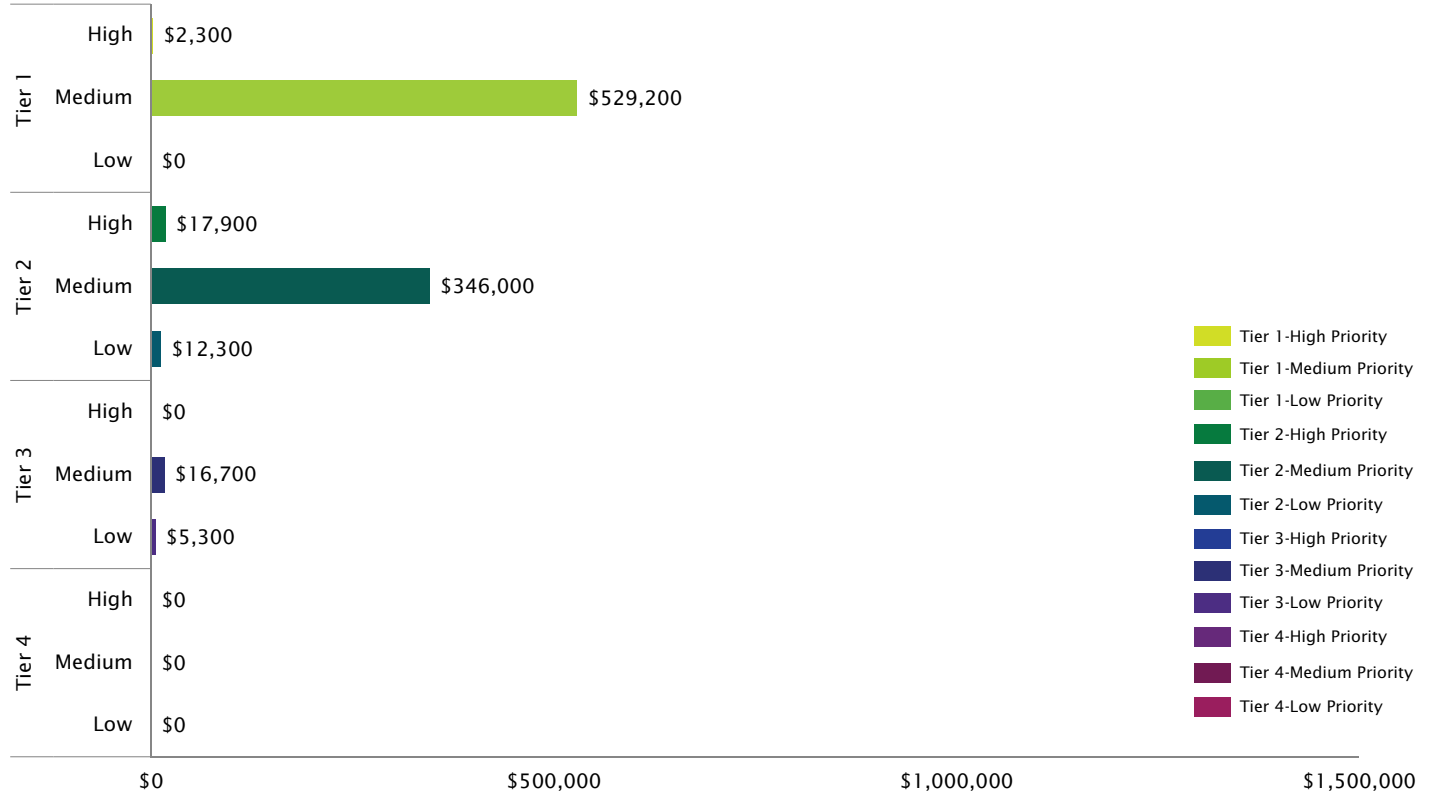
3501 Poston Parkway
 Highlands Ranch, CO 80126
 Mountain Vista High School Feeder Area, K-6

Funded by 2000 Bond
 Opened in 2006

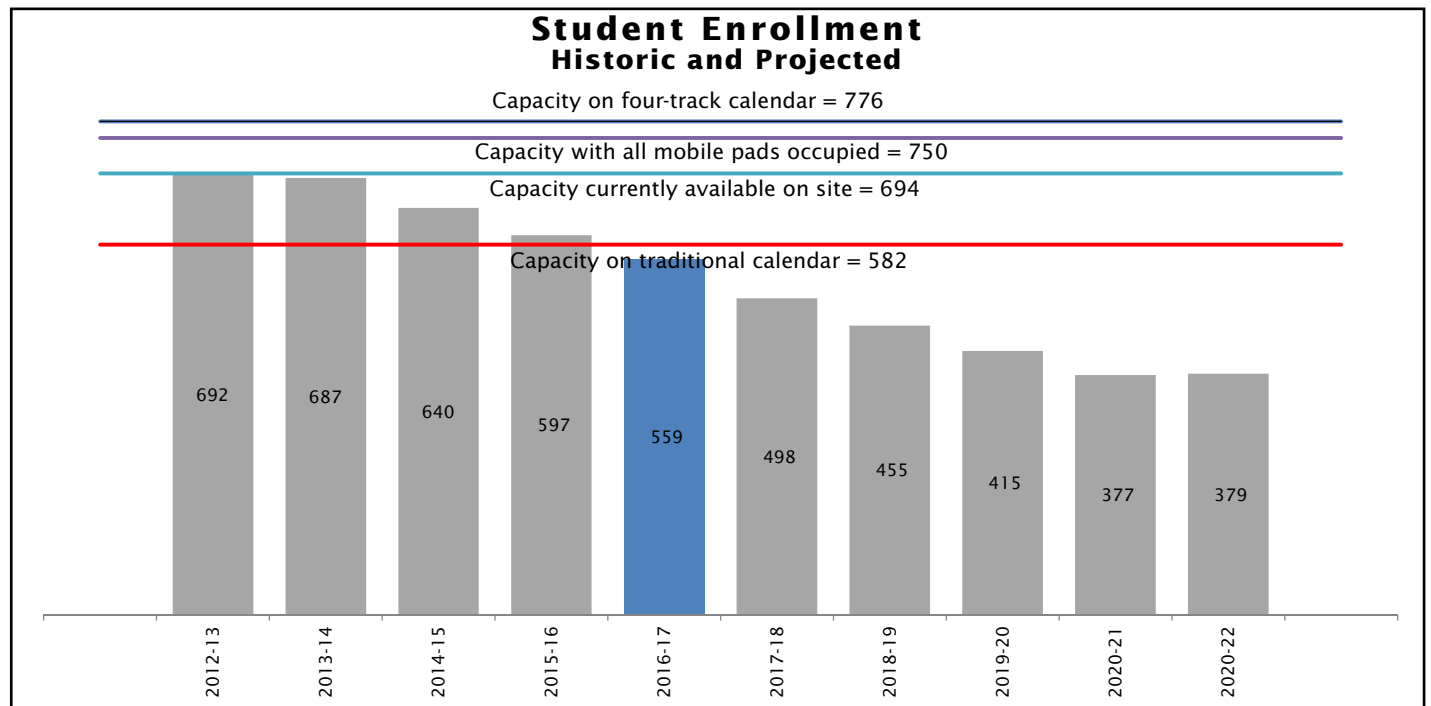
Site Acreage: 10
 Facility Square Feet: 56,868
 Mobiles on Site: 2

Copper Mesa Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$929,700
Estimated Total Project Costs: \$1,070,485 - \$1,530,086



Following is the list of currently unfunded facility projects at Copper Mesa Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Boilers. Needs-Repair one boiler leaking water	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Roof Finishes. Needs-Replace .045 EDPM ballasted with .060 fully adheared	\$529,200	\$53000-\$227600	\$26460-\$113778
Tier 2	High	Paving and Surfacing. Sidewalks. Needs-Repair areas of sidewalk at west entry raised area for drainage issues	\$17,900	\$1800-\$7700	\$895-\$3848
	Medium	Exterior Wall Construction. CMU. Needs-Recalk control joints	\$3,400	\$400-\$1500	\$170-\$731
	Medium	Exterior Wall Construction. CMU. Needs-Reseal CMU	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Controls and Instrumentation. Needs-Upgrade controls	\$198,500	\$19900-\$85400	\$9925-\$42677
	Medium	Exterior Windows. Needs-Recalk windows	\$13,300	\$1400-\$5800	\$665-\$2859
	Medium	Sink Countertops. Needs-Replace sink countertops	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Curbs, Rails and Barriers. Needs-Repair areas of damaged curb	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Paving and Surfacing. Parking Lot. Needs-Minor cracking occurring. Repairs will be needed in the future.	\$44,100	\$4500-\$19000	\$2205-\$9481
	Medium	Paving and Surfacing. Roadways (Bus Loops). Needs-Minor cracking occurring. Repairs will be needed in the future.	\$22,100	\$2300-\$9600	\$1105-\$4751
	Medium	Paving and Surfacing. Sidewalks. Needs-Repair sidewalk w entry by mobiles. Major sinking and cracking (BEING REPAIRED 2015?).Sidewalks sinking NE corner at cafeteria, crawl space entry. Minor misc concrete lifting and crack repair around site	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Retractable Partition. Needs-Repair operable partition between stage and gym	\$11,100	\$1200-\$4800	\$555-\$2386
	Low	Playing Fields. Playground. Needs-Repair cracks in asphalt. Recheck in future if replacement required	\$11,100	\$1200-\$4800	\$555-\$2386
	Low	Flooring Cafeteria. Needs-Repair some separation of VCT joints at expansion joint by inside entry	\$1,200	\$200-\$600	\$60-\$258
Tier 3	High	Basement Excavation. Needs-Groundwater seeping to surface. Many areas moist and wet. Apparent during wet seasons.	\$0	\$0-\$0	\$0-\$0
	High	Wall Foundations. Needs-Check ground movement N side at stacked pods	\$0	\$0-\$0	\$0-\$0
	Medium	Insulation. Needs-Repair insulation at water heater	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Planting. Needs-Replace plants in N playground area next to wall that are dying	\$5,600	\$600-\$2500	\$280-\$1204
	Low	Vinyl Coverings. Needs-Minor wall vinyl repair. Most walls are vinyl	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$929,700
 Estimated Project Management Costs Range: \$94,300 - \$400,500
 Estimated Inflation Range: \$46,485 - \$199,886

Estimated Total Project Costs: \$1,070,485 - \$1,530,086

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

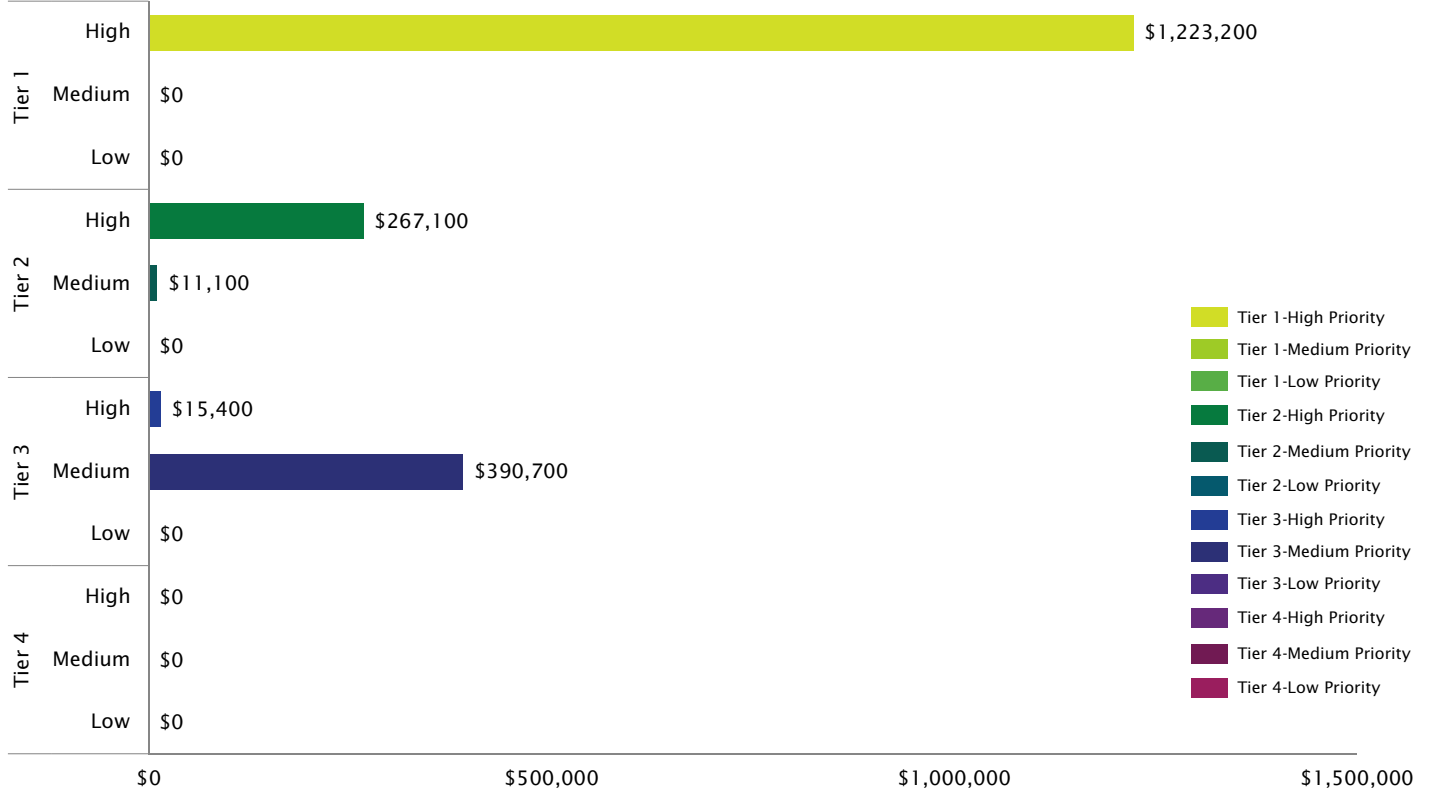
8780 Venneford Ranch Road
 Highlands Ranch, CO 80126
 Highlands Ranch High School Feeder Area, K-6

Funded by 1993 Bond
 Opened in 1995

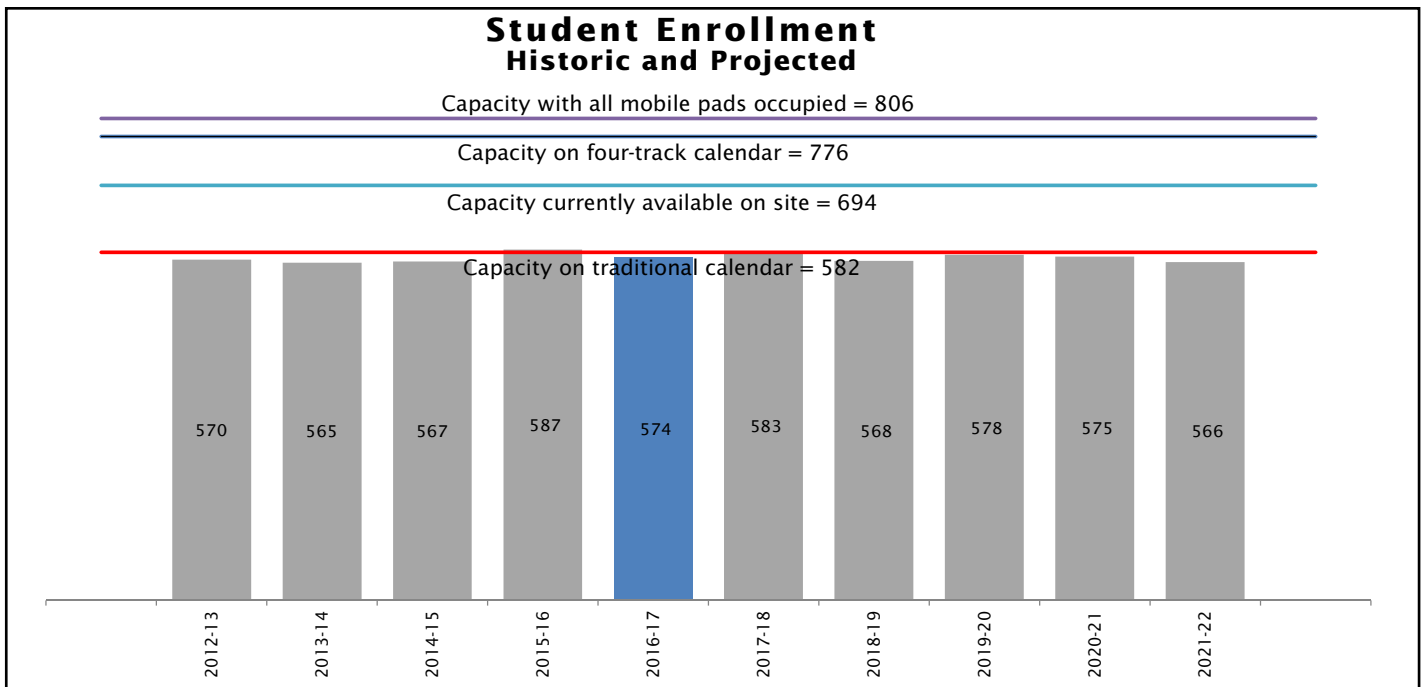
Site Acreage: 8
 Facility Square Feet: 51,020
 Mobiles on Site: 2

Cougar Run Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,907,500
Estimated Total Project Costs: \$2,195,175 - \$3,139,213



Following is the list of currently unfunded facility projects at Cougar Run Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade controls to full DDC	\$297,600	\$29800-\$128000	\$14880-\$63984
	High	Direct Expansion Systems. Roof Top Units-Replacement, code issues with outside air intake	\$308,700	\$30900-\$132800	\$15435-\$66370
	High	Panels & Transformers. Move Xfmr out of room behind office.	\$37,600	\$3800-\$16200	\$1880-\$8084
	High	Switchgear-Main , Square D 1200A. Upgrade for surge suppression	\$75,200	\$7600-\$32400	\$3760-\$16168
	High	Air Distribution Systems. Needs- Replace VAV boxes, Pneumatic VAV's, cone type	\$257,300	\$25800-\$110700	\$12865-\$55319
	High	Exhaust Ventilation Systems. Replace exhaust fans,	\$8,500	\$900-\$3700	\$425-\$1827
	High	Exhaust Ventilation Systems. Replace make up air unit	\$55,200	\$5600-\$23800	\$2760-\$11868
	High	Hot Water Service. Domestic Water Heater.Move main water heater to boiler room, prefer on demand pumps	\$15,000	\$1500-\$6500	\$750-\$3225
	High	Interior Door Hardware. Replace levers and arms	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Irrigation Systems. Upgrade to new controller	\$18,100	\$1900-\$7800	\$905-\$3891
Tier 2	High	Exterior Wall Construction. Needs-Recoat of CMU weather proofing. Many cracks in exterior wall due to lack of control joints	\$16,100	\$1700-\$7000	\$805-\$3461
	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Exterior Windows. Needs-Replace exterior windows	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Storefront windows. Hollow metal. Needs-Cafeteria - bottom frame rusting. East and west entries have rust developing. Some minor leaking at south entry, affecting drywall inside above doors.	\$28,300	\$2900-\$12200	\$1415-\$6084
	High	Exterior Paint. Needs-Exterior window, doors & frames need painted.	\$3,500	\$400-\$1600	\$175-\$752
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Fabricated Toilet partitions. Needs-Replace toilet partitions	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Flooring Hallways/Classrooms. Needs-Replace VCT in classrooms	\$9,500	\$1000-\$4100	\$475-\$2042
	High	Retractable Partition. Needs-Repair/replace Gym/Cafeteria folding wall.	\$11,100	\$1200-\$4800	\$555-\$2386
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Theater & Stage Equipment. Gym Sound System. Needs-Upgrade gym sound system	\$5,200	\$600-\$2300	\$260-\$1118
	High	Cafeteria Floor. Needs-Repair VCT in cafeteria.	\$800	\$100-\$400	\$40-\$172
	High	Floor drains. Needs- Replace floor drain in kitchen, poor condition, others fair.	\$800	\$100-\$400	\$40-\$172
	High	Flooring Gym. Needs-Replace carpet in gym	\$16,600	\$1700-\$7200	\$830-\$3569
	High	Flooring Kitchen. Needs-Replace red hubblelite floor with poured acrylic	\$66,200	\$6700-\$28500	\$3310-\$14233
	Medium	Flooring Hallways/Classrooms. Needs-Replace sheet vinyl flooring in art room	\$11,100	\$1200-\$4800	\$555-\$2386
Tier 3	High	Column Foundations. Repair structural damage from movement issues	\$12,400	\$1300-\$5400	\$620-\$2666
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	Medium	Fire Sprinkler. Needs-Original Installation in cafeteria only, would need to be brought up to code if remodel.	\$379,200	\$38000-\$163100	\$18960-\$81528
	Medium	Vinyl. Coverings. Repair wall vinyl.	\$3,800	\$400-\$1700	\$190-\$817
	Medium	Interceptors. Grease interceptor OK would like to bypass	\$7,700	\$800-\$3400	\$385-\$1655

Estimated Total Construction Costs (in 2017 Dollars): \$1,907,500
 Estimated Project Management Costs Range: \$192,300 - \$821,600
 Estimated Inflation Range: \$95,375 - \$410,113

Estimated Total Project Costs: \$2,195,175 - \$3,139,213

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

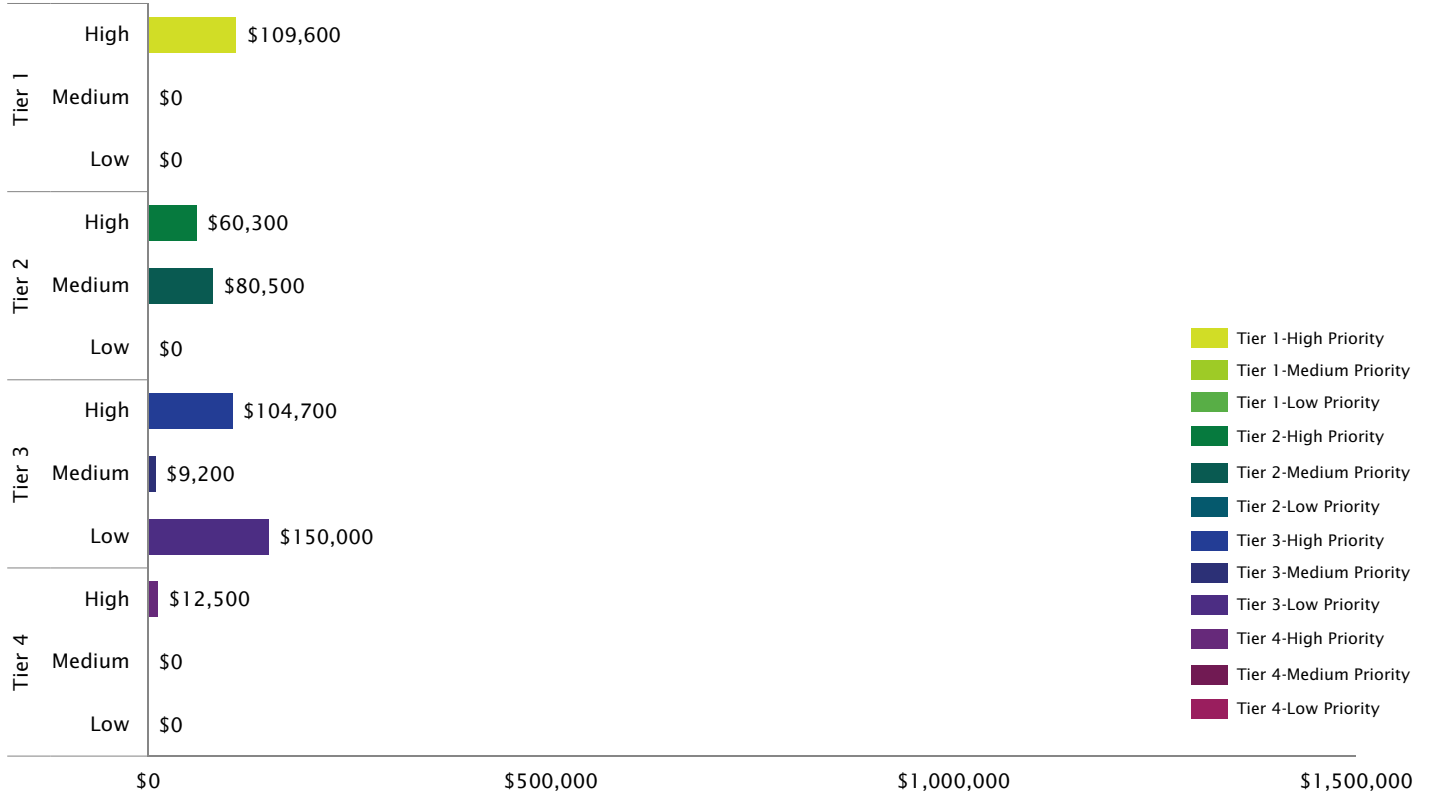
2861 Baneberry Court
 Highlands Ranch, CO 80129
 ThunderRidge High School Feeder Area, K-6

Funded by 1993 Bond
 Opened in 1995

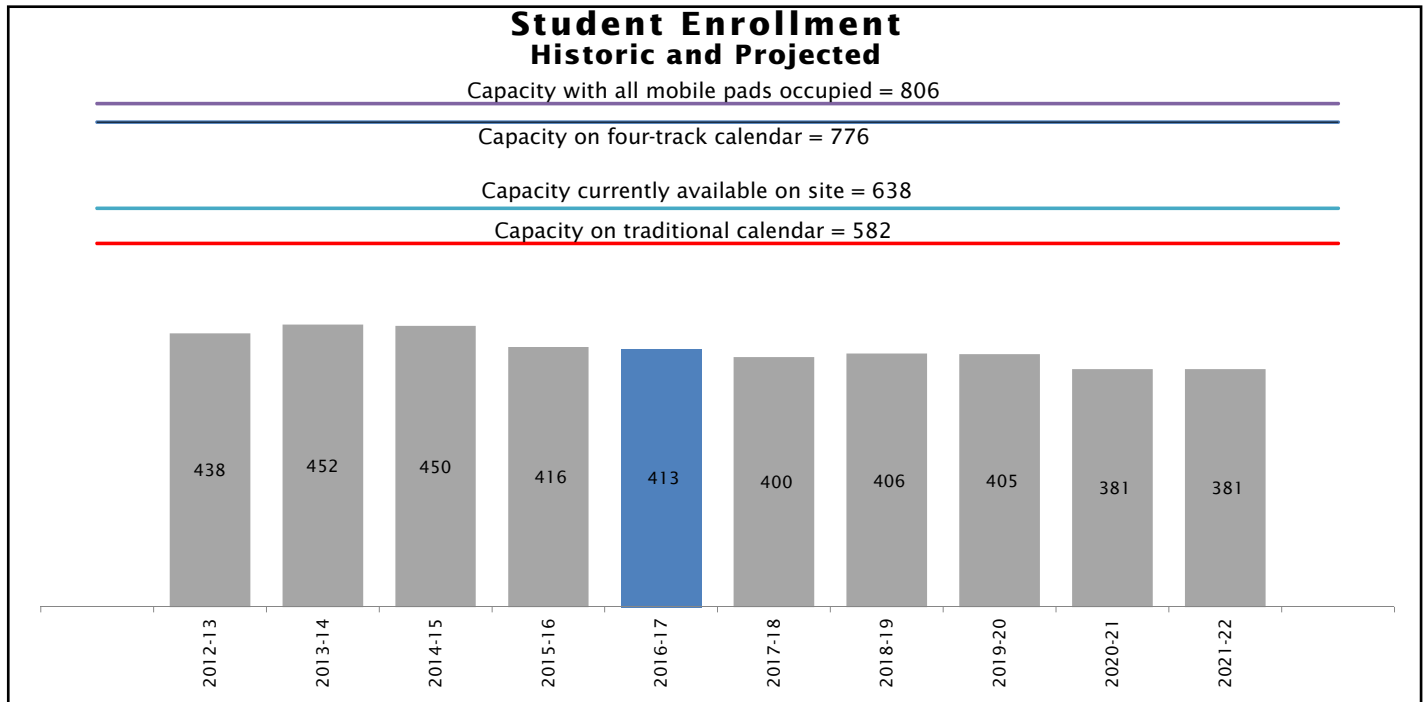
Site Acreage: 10
 Facility Square Feet: 54,220
 Mobiles on Site: 1

Coyote Creek Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$526,800
Estimated Total Project Costs: \$606,340 - \$867,462



Following is the list of currently unfunded facility projects at Coyote Creek Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Replace generator	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Exhaust Ventilation Systems. Exhaust Fans Needs-Replace exhaust fans	\$93,400	\$9400-\$40200	\$4670-\$20081
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints. Re-seal CMU	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Lavatories. Needs-Replace faucets	\$15,600	\$1600-\$6800	\$780-\$3354
	High	Fixed Casework. Needs-Art room counter tops need replaced	\$4,200	\$500-\$1900	\$210-\$903
	High	Flooring Carpet. Needs-Replace main entry walkoff carpet	\$1,500	\$200-\$700	\$75-\$322.5
	High	Glazed Doors and Entrances. Needs-NE entry leaking at floor, much caulk has been used to alleviate the problem	\$10,000	\$1000-\$4300	\$500-\$2150
	Medium	Paving and Surfacing. Parking Lot. Needs-Repair as necessary, some cracks in 2016	\$50,000	\$5000-\$21500	\$2500-\$10750
	Medium	Operable Partition. Needs-Minor repairs needed on many classrooms, cafeteria/gym	\$10,500	\$1100-\$4600	\$525-\$2257
	Medium	Flooring Cafeteria. Needs-Replace original VCT, repair crack in slab.	\$15,000	\$1500-\$6500	\$750-\$3225
	Medium	Standard Slab on Grade. Needs-Repair crack at cafeteria slab, see flooring	\$5,000	\$500-\$2200	\$250-\$1075
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Insulation. Needs-The piping and insulation is in fair condition throughout the building. There are several areas where insulation needs replacement due to valve leaks.	\$18,700	\$1900-\$8100	\$935-\$4020
	High	Playing Fields. Multi-use Field. Needs-Soccer and softball field sod has deteriorated due to high use and needs resodded. Area needs renovation	\$83,000	\$8300-\$35700	\$4150-\$17845
	Medium	Vinyl. VWC at Art Mr. 502 needs replaced and painted	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Vinyl Coverings. Needs-Minor repairs needed, seams splitting	\$5,000	\$500-\$2200	\$250-\$1075
	Low	Suspended Ceilings. Needs-Replace ceiling grid, much damage from from fire sprinkler install in 2010	\$150,000	\$15000-\$64500	\$7500-\$32250
Tier 4	High	Other Landscape Features. Needs-Replace metal edger at shrub beds with concrete mow band.	\$12,500	\$1300-\$5400	\$625-\$2687

Estimated Total Construction Costs (in 2017 Dollars): \$526,800
 Estimated Project Management Costs Range: \$53,200 - \$227,400
 Estimated Inflation Range: \$26,340 - \$113,262

Estimated Total Project Costs: \$606,340 - \$867,462

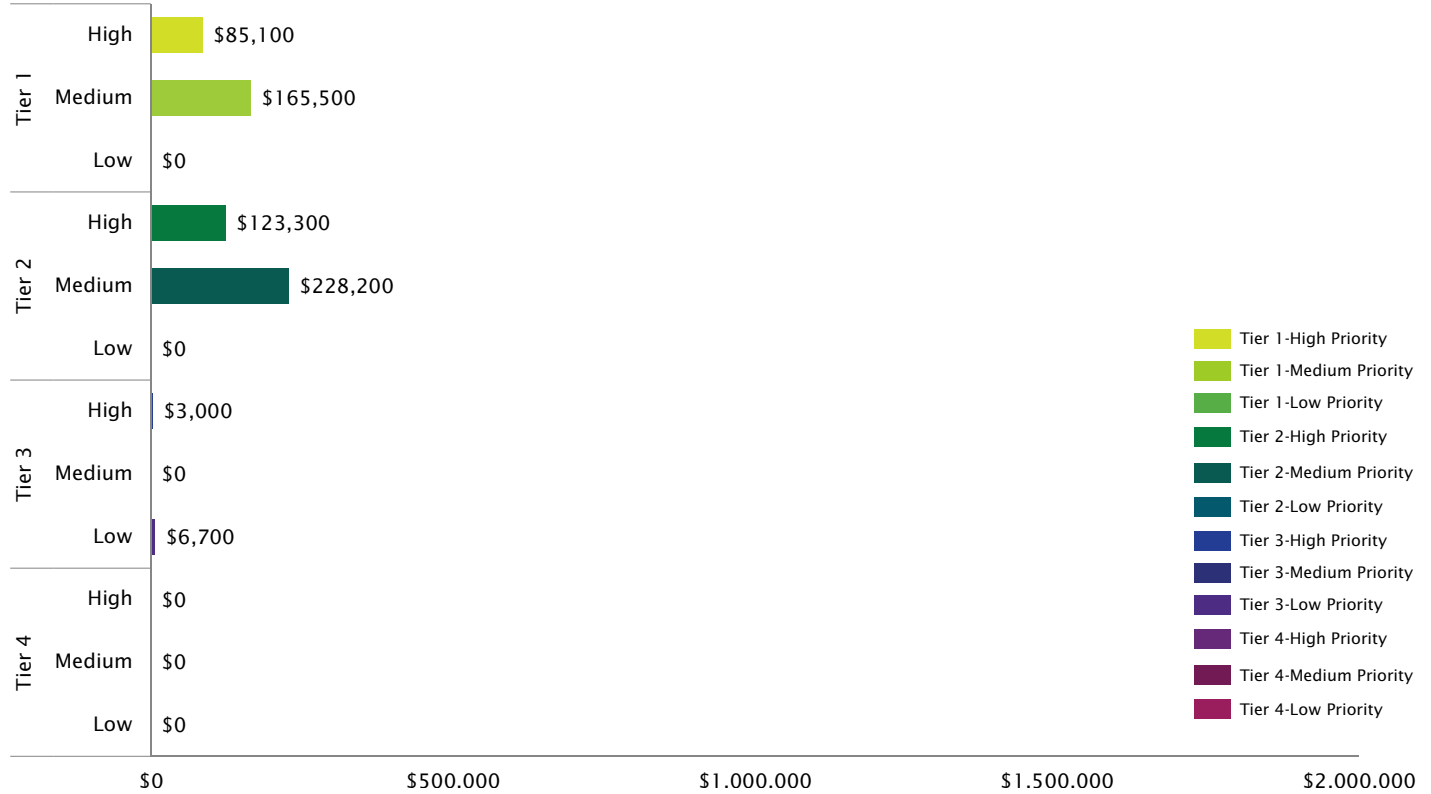
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

9195 Cresthill Lane
 Highlands Ranch, CO 80130
 Highlands Ranch High School Feeder Area, 7-8

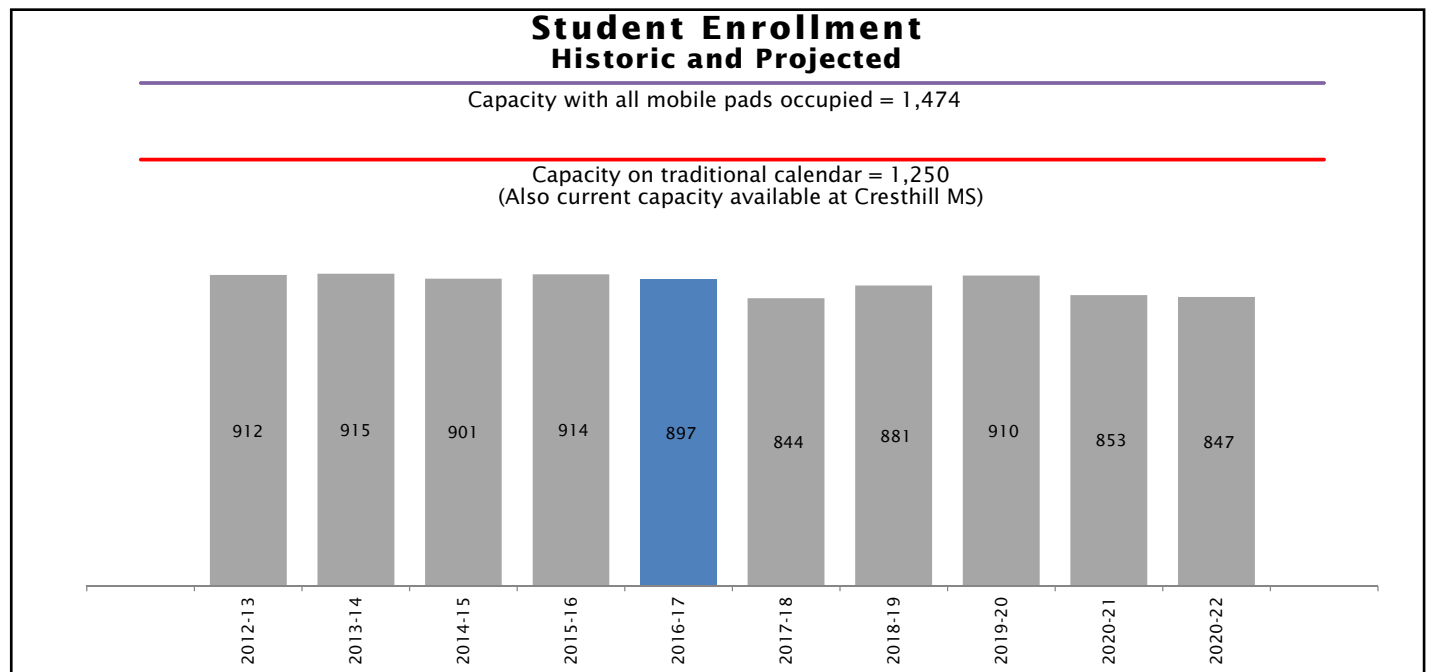
Funded by 1989 Bond
 Opened in 1990

Site Acreage: 12
 Facility Square Feet: 134,400
 Mobiles on Site: 0

Cresthill Middle School-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$611,800
Estimated Total Project Costs: \$704,090 - \$1,006,837



Following is the list of currently unfunded facility projects at Cresthill Middle School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Passenger Elevators. Needs-Replace/upgrade elevator	\$85,100	\$8600-\$36600	\$4255-\$18296
	Medium	Panels and Transformers. Needs-Replace panels and transformers	\$55,200	\$5600-\$23800	\$2760-\$11868
	Medium	Switchgear-Main. Needs-Replace main switchgear	\$110,300	\$11100-\$47500	\$5515-\$23714
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$4,200	\$500-\$1900	\$210-\$903
	High	Exterior Windows. Needs-Replace exterior windows	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Exterior Windows. Needs-Recaulk windows	\$34,000	\$3400-\$14700	\$1700-\$7310
	Medium	Flooring Hallways/Classrooms. Needs-Replace VCT in corridors and classrooms	\$162,000	\$16200-\$69700	\$8100-\$34830
	Medium	Flooring Kitchen. Needs-Replace kitchen flooring, original poured acrylic	\$66,200	\$6700-\$28500	\$3310-\$14233
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	Low	Vinyl Coverings. Needs-Repair vinyl wall coverings as necessary	\$6,700	\$700-\$2900	\$335-\$1440

Estimated Total Construction Costs (in 2017 Dollars): \$611,800
 Estimated Project Management Costs Range: \$61,700 - \$263,500
 Estimated Inflation Range: \$30,590 - \$131,537

Estimated Total Project Costs: \$704,090 - \$1,006,837

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

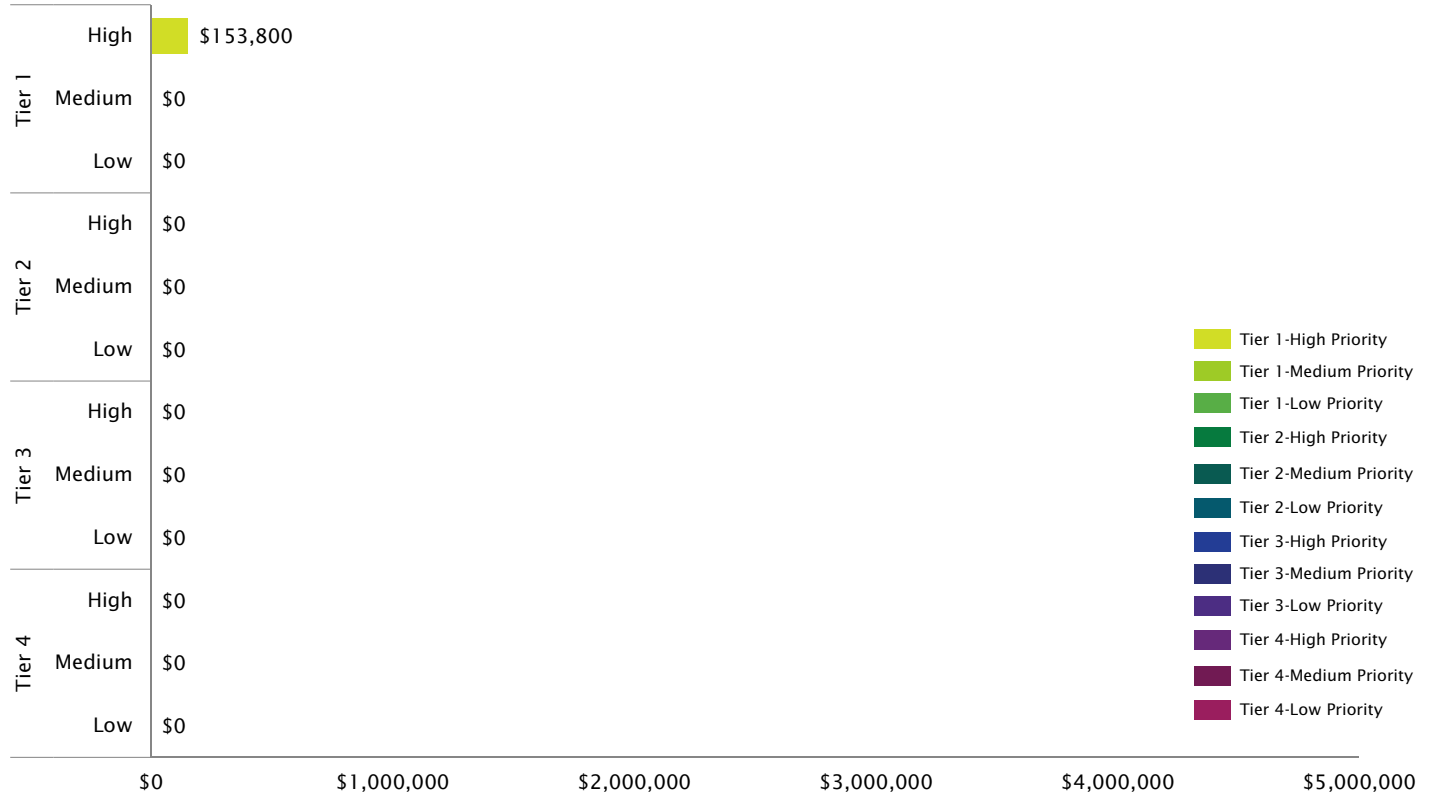
961 South Plum Creek Boulevard
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, 9-12

Funded by Certificate of Participation
 Building Purchased: 2002

Site Acreage: 3.3
 Facility Square Feet: 21,725
 Mobiles on Site: 0

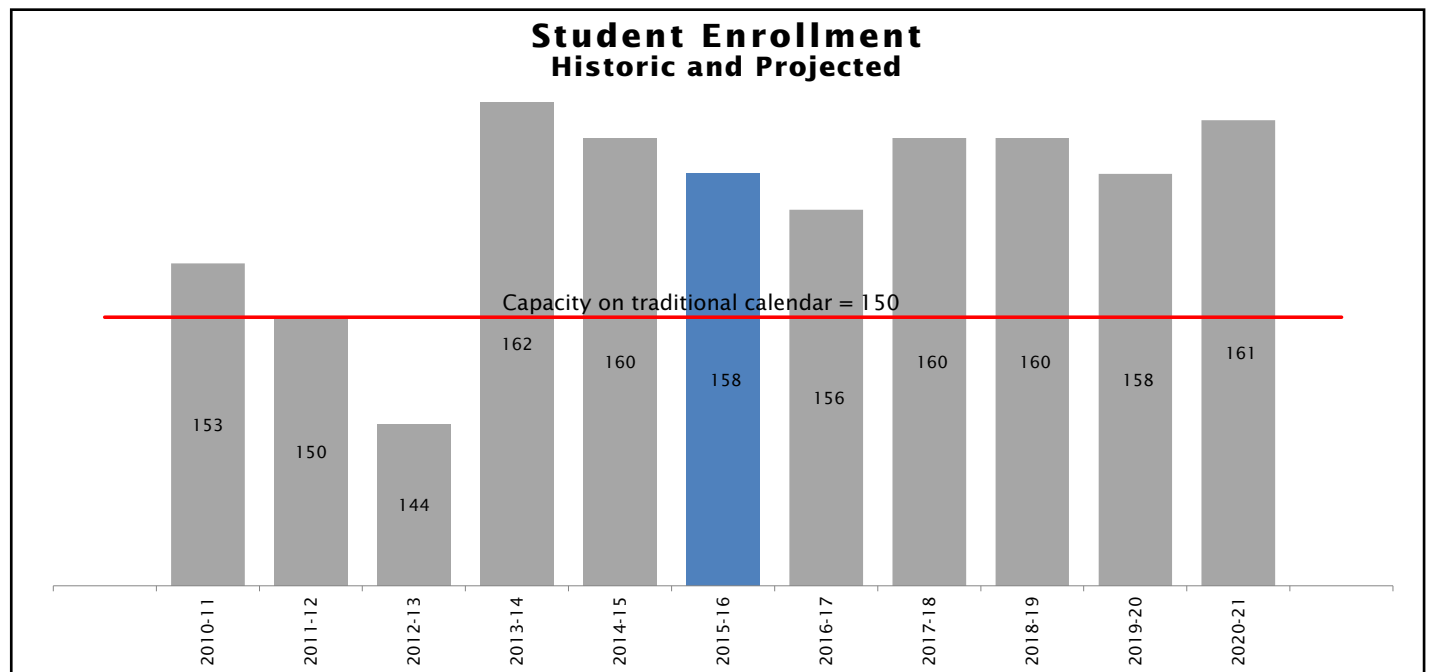
DC Oakes High School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$153,800

Estimated Total Project Costs: \$176,990 - \$253,167



Following is the list of currently unfunded facility projects at DC Oakes High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace roof on DMO	\$50,000	\$5000-\$21500	\$2500-\$10750
	High	Direct Expansion Systems. Roof top units. Needs-Replace RTUs on DMO	\$40,000	\$4000-\$17200	\$2000-\$8600
	High	Panels and Transformers. Needs-Replace original panels and transformers in DCO	\$8,500	\$900-\$3700	\$425-\$1827
	High	Switchgear-Main. Needs-Replace main switchgear in DCO	\$25,500	\$2600-\$11000	\$1275-\$5482
	High	Controls. Needs-Upgrade control system in DCO	\$29,800	\$3000-\$12900	\$1490-\$6407

Estimated Total Construction Costs (in 2017 Dollars): \$153,800

Estimated Project Management Costs Range: \$15,500 - \$66,300

Estimated Inflation Range: \$7,690 - \$33,067

Estimated Total Project Costs: \$176,990 - \$253,167

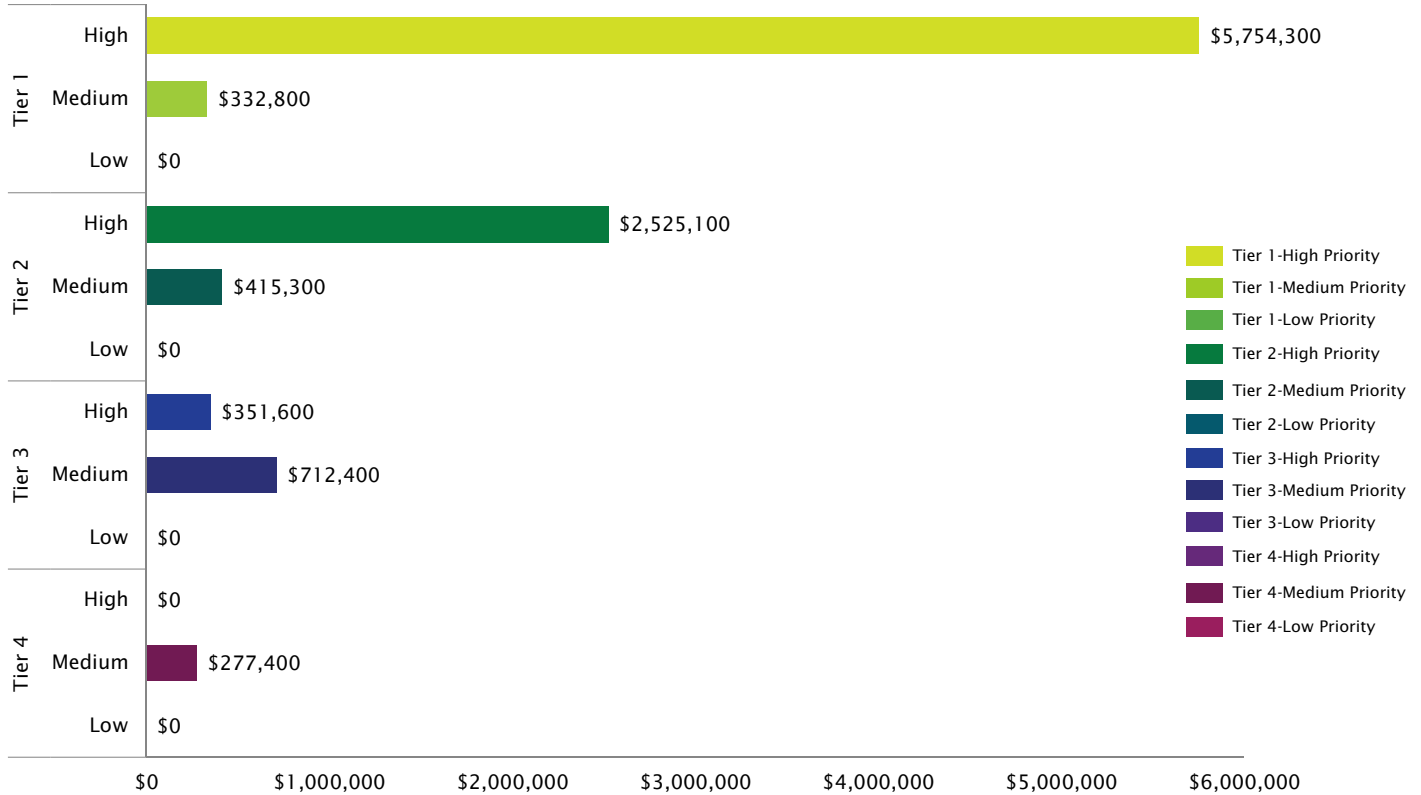
Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.

2842 Front Street
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, 9-12

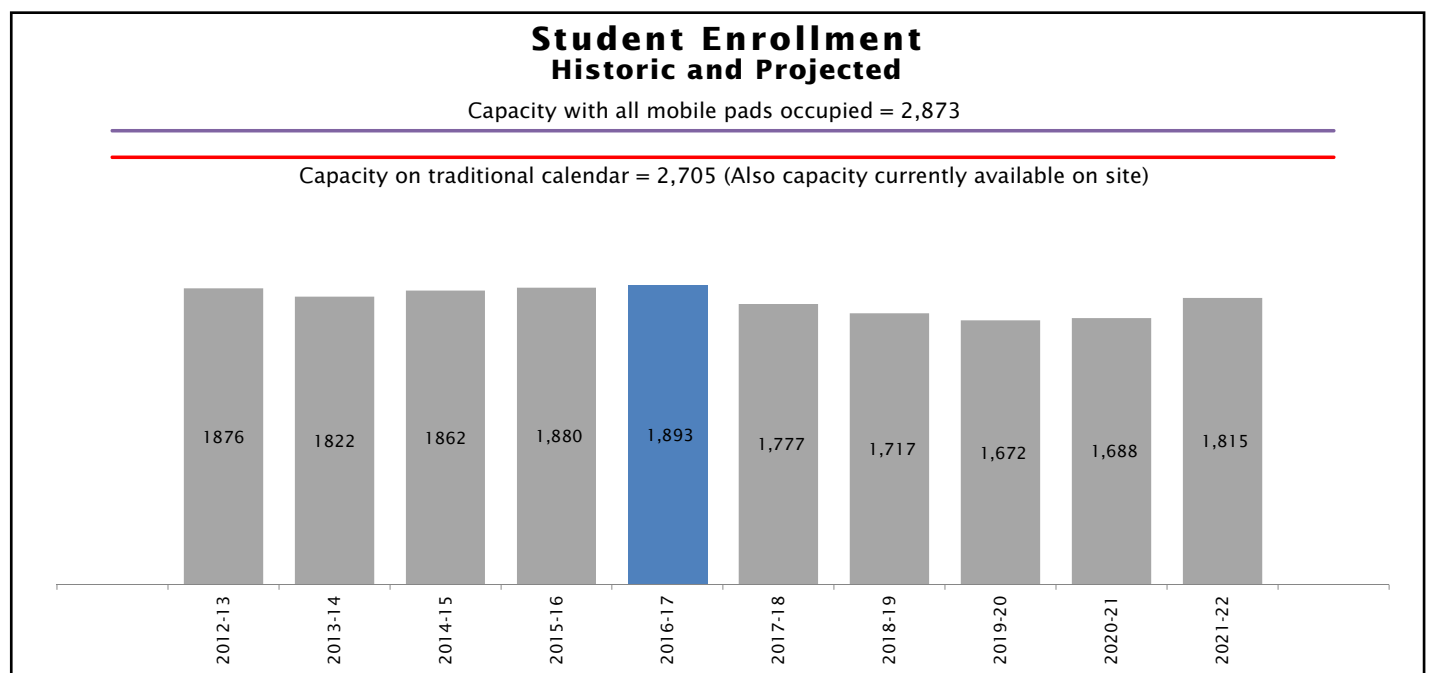
Funded by 1960 Bond
 Opened in 1961

Site Acreage: 50
 Facility Square Feet: 268,232 (North), 106,616 (South)
 Mobiles on Site: 0

Douglas County High School-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$10,368,900
Estimated Total Project Costs: \$11,934,245 - \$17,066,714



Following is the list of currently unfunded facility projects at Douglas County High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Natural Gas Service / Aging piping; circuitous routing. Replace with new meter in Phase 2-Abandon in later phase	\$144,700	\$14500-\$62300	\$7235-\$31110
	High	Building heating hot water hydronic piping is failing. Water treatment has been altered from district standard so that system can remain operational without producing additional leaks in system. Replace entire system	\$2,937,800	\$293800-\$1263300	\$146890-\$631627
	High	Hot water Distribution Needs-System serving kitchen at north building is less than adequate.	\$10,000	\$1000-\$4300	\$500-\$2150
	High	Interior Door Hardware. Needs-South- Add panic devices to science cr corridor doors (4 locations) existing exterior doors OK	\$3,900	\$400-\$1700	\$195-\$838
	High	Interior Door Hardware. Needs-Upgrade door hardware for ADA compliance	\$231,400	\$23200-\$99600	\$11570-\$49751
	High	Interior Door Hardware. Needs-Upgrade door hardware for ADA compliance	\$75,000	\$7500-\$32300	\$3750-\$16125
	High	Passenger Elevators. Needs-(Cab too small, not ADA compliant - hoistway too small to allow ADA cab size) Replace	\$115,000	\$11500-\$49500	\$5750-\$24725
	High	North Building: Replace Auto shop and welding shop Make up air units.	\$53,900	\$5400-\$23200	\$2695-\$11588
	High	Rusted roof deck areas above admin under BUR - remove and replace 1 small bad area. Add steel sump pans at 2 roof drains. Patch BUR.	\$11,200	\$1200-\$4900	\$560-\$2408
	High	Exhaust Ventilation Systems. North Building: Replace Kitchen Make-up air unit.	\$55,200	\$5600-\$23800	\$2760-\$11868
	High	Air Distribution Systems. Air handlers. Ductwork. VAV's. Needs-Replace ductwork and air devices	\$1,106,000	\$110600-\$475600	\$55300-\$237790
	High	Cold Water Service. Needs-Replace gate valves with ball valves throughout building	\$56,100	\$5700-\$24200	\$2805-\$12061
	High	Exhaust Ventilation Systems. Kitchen hood and vent systems do not meet current code	\$36,000	\$3600-\$15500	\$1800-\$7740
	High	Glazed Roof Openings- Needs-Remove and replace broken 2x2 and 2x4 acrylic double dome skylights (12 each). Check remainder	\$12,200	\$1300-\$5300	\$610-\$2623
	High	Glazed Roof Openings. Needs-Replace/repair skylights. Leaking in many areas.	\$66,200	\$6700-\$28500	\$3310-\$14233
	High	Gutters and Downspouts. Needs-Exterior downspouts at Industrial Arts and north Side of North Bldg need reflashing of connection to conductor heads; replace downspouts w/ more durable construction	\$9,800	\$1000-\$4300	\$490-\$2107
	High	North- Refinish all Gyp Board soffits	\$2,300	\$300-\$1000	\$115-\$494
	High	Provide backflow prevention at all water connections in north building science labs (fume hoods and work benches)	\$3,500	\$400-\$1600	\$175-\$752
	High	Replace exterior downspouts on South Bldg with more durable construction	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Revise domestic water piping feeding to the north classroom wing of the north building to be overhead	\$44,900	\$4500-\$19400	\$2245-\$9653
High	Revise domestic water service and distribution throughout north building to provide adequate residual pressures to fixtures and equipment. (Includes insulation)	\$318,700	\$31900-\$137100	\$15935-\$68520	
High	South- Refinish all Gyp Board soffits	\$2,300	\$300-\$1000	\$115-\$494	
High	Terminal Self-Contained Units. Needs-Replace cabinet unit heaters.	\$27,000	\$2700-\$11700	\$1350-\$5805	

Not all capital needs are shown for Douglas County High School. For a complete listing of DCHS's capital needs see Appendix 2

Estimated Total Construction Costs (in 2017 Dollars): \$10,368,900
 Estimated Project Management Costs Range: \$1,046,900 -\$4,468,500
 Estimated Inflation Range: \$518,445 - \$2,229,314

Estimated Total Project Costs: \$11,934,245 - \$17,066,714

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

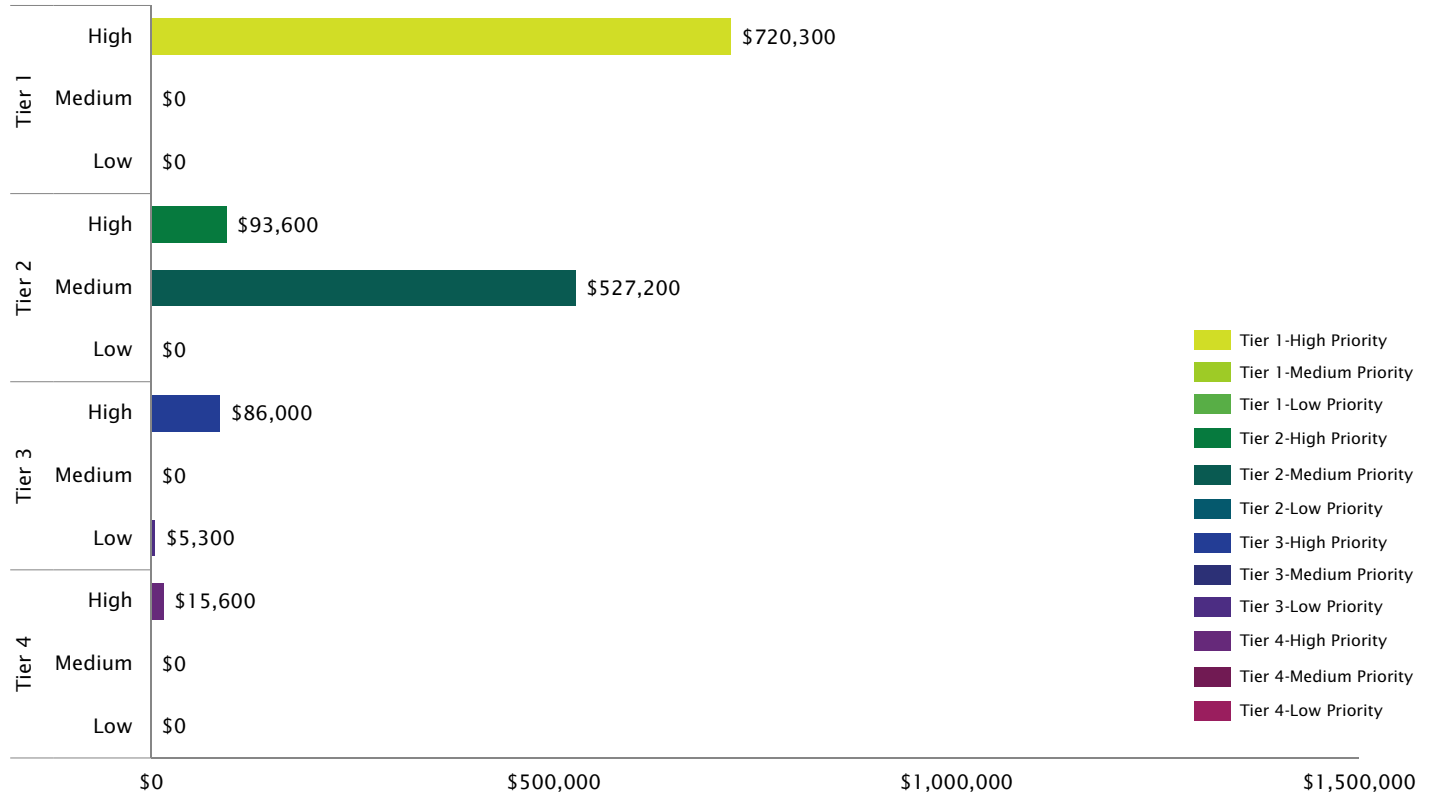
7716 Timberline Road
Lone Tree, CO 80124
Highlands Ranch High School Feeder Area, K-6

Funded by 1984 Bond
Opened in 1989

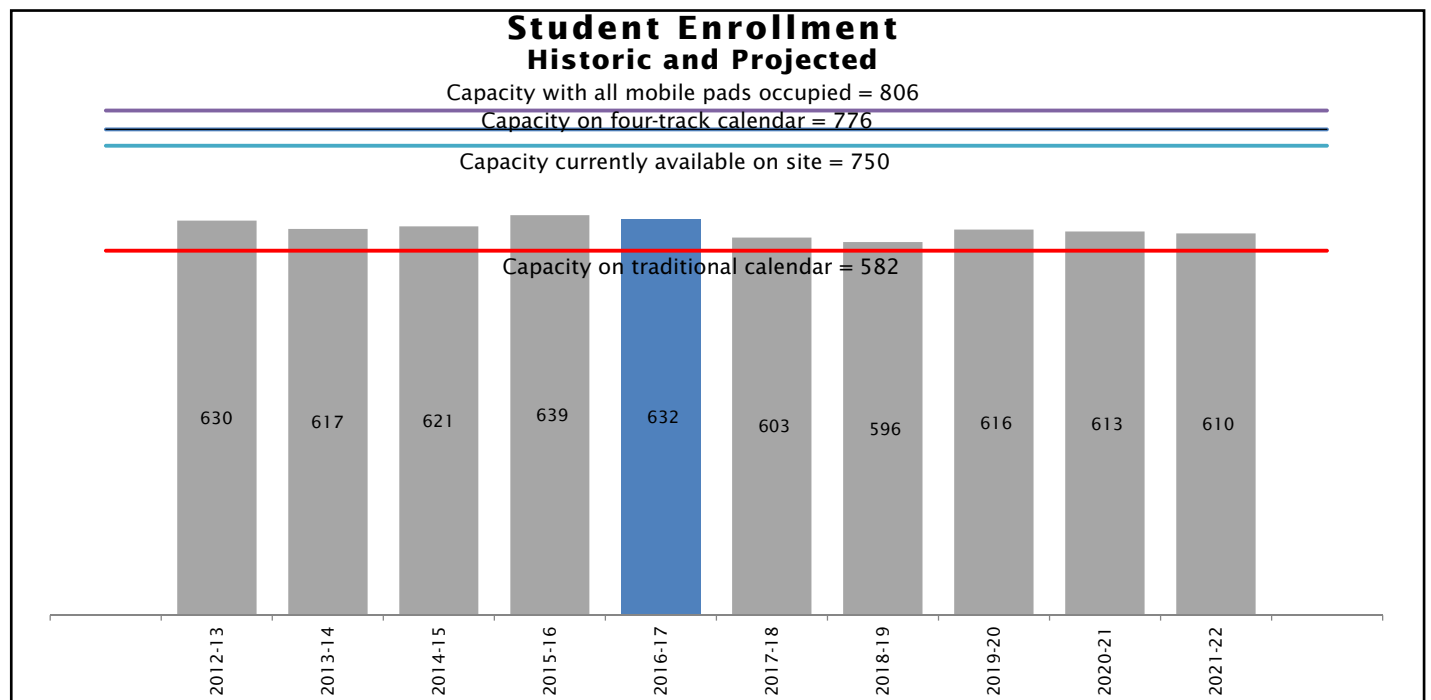
Site Acreage: 8
Facility Square Feet: 53,237
Mobiles on Site: 3

Eagle Ridge Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,448,000
Estimated Total Project Costs: \$1,666,200 - \$2,382,820



Following is the list of currently unfunded facility projects at Eagle Ridge Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Air Distribution Systems. Needs-Upgrade VAVs	\$414,800	\$41500-\$178400	\$20740-\$89182
	High	Direct Expansion Systems. Roof top units. Needs-Replace RTU's	\$220,500	\$22100-\$94900	\$11025-\$47407
	High	Panels and Transformers. Needs-Replace panels and transformers	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Switchgear-Main. Needs-Replace main switchgear	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Exterior Windows. Needs-Replace exterior windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Sink Countertops. Needs-Replace sink counter tops in 3 pods	\$29,800	\$3000-\$12900	\$1490-\$6407
Tier 2	Medium	Paving \$ Surfacing, Parking Lot. Needs-Repair service drive concrete cracking	\$5,200	\$600-\$2300	\$260-\$1118
	Medium	Flooring Carpet. Needs-Replace carpet in hallways	\$85,100	\$8600-\$36600	\$4255-\$18296
	Medium	Lavatories. Needs-Replace lavatories	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Urinals. Needs-Replace urinals	\$15,500	\$1600-\$6700	\$775-\$3332
	Medium	Water Closets. Needs-Replace toilets	\$22,100	\$2300-\$9600	\$1105-\$4751
	Medium	Fixed Casework. Needs-Replace all original fixed casework in classrooms and offices	\$162,000	\$16200-\$69700	\$8100-\$34830
	Medium	Controls and Instrumentation. Needs-Upgrade controls	\$198,500	\$19900-\$85400	\$9925-\$42677
	Medium	Retractable Partition. Needs-Refurbish operable partitions as necessary. Gym/cafeteria in poor shape.	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Flooring Cafeteria. Needs-Replace VCT	\$16,600	\$1700-\$7200	\$830-\$3569
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$83,000	\$8300-\$35700	\$4150-\$17845
	Low	Vinyl Coverings. Needs-Repair vinyl walls as necessary	\$5,300	\$600-\$2300	\$265-\$1139
Tier 4	High	Other Landscape Features. Needs-Replace metal edging with concrete mow strip	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Seeding \$ Sodding. Needs-Resod/reseed grass areas	\$5,200	\$600-\$2300	\$260-\$1118

Estimated Total Construction Costs (in 2017 Dollars): \$1,448,000

Estimated Project Management Costs Range: \$145,800 - \$623,500

Estimated Inflation Range: \$72,400 - \$311,320

Estimated Total Project Costs: \$1,666,200 - \$2,382,820

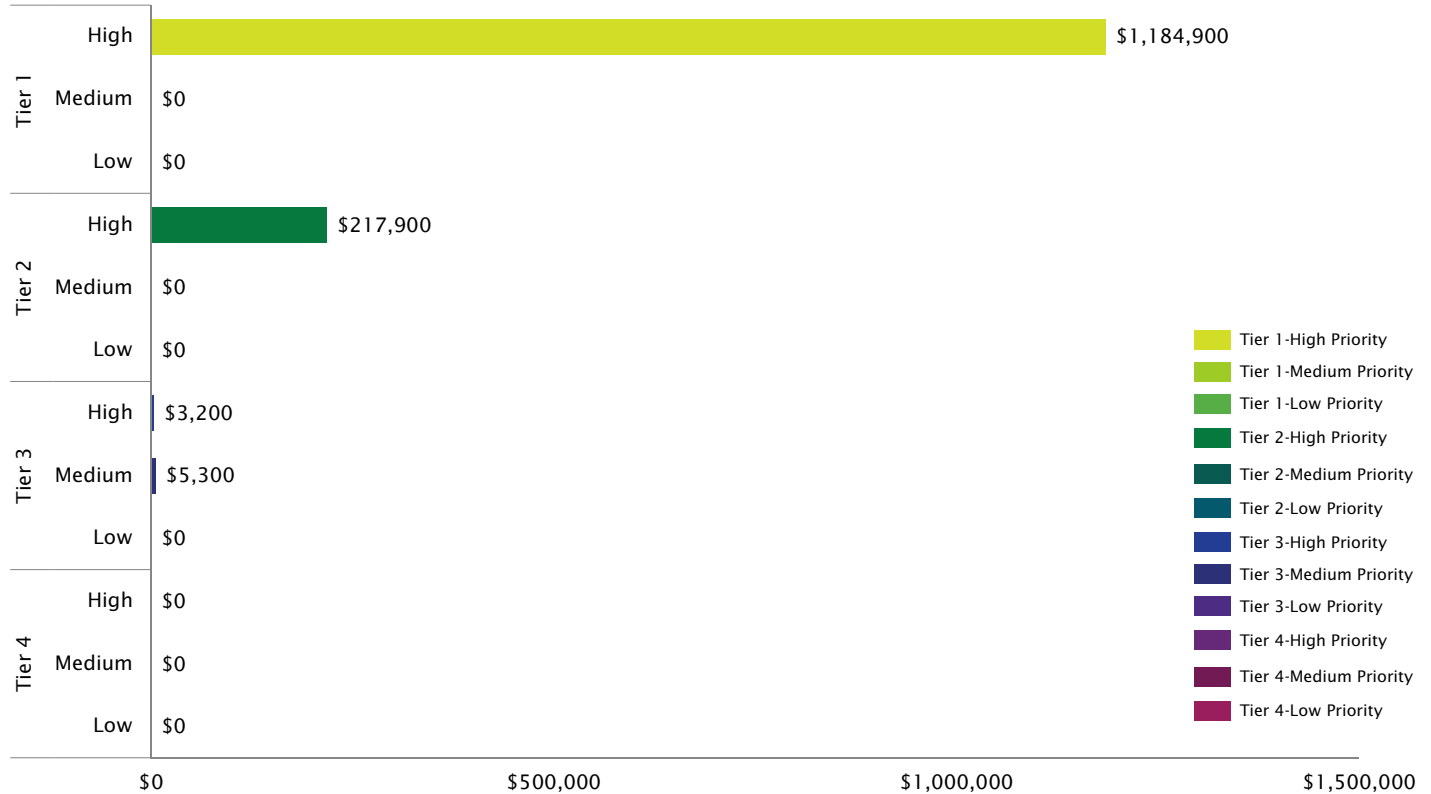
Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.

1305 Timbervale Trail
 Highlands Ranch, CO 80126
 ThunderRidge High School Feeder Area, K-6

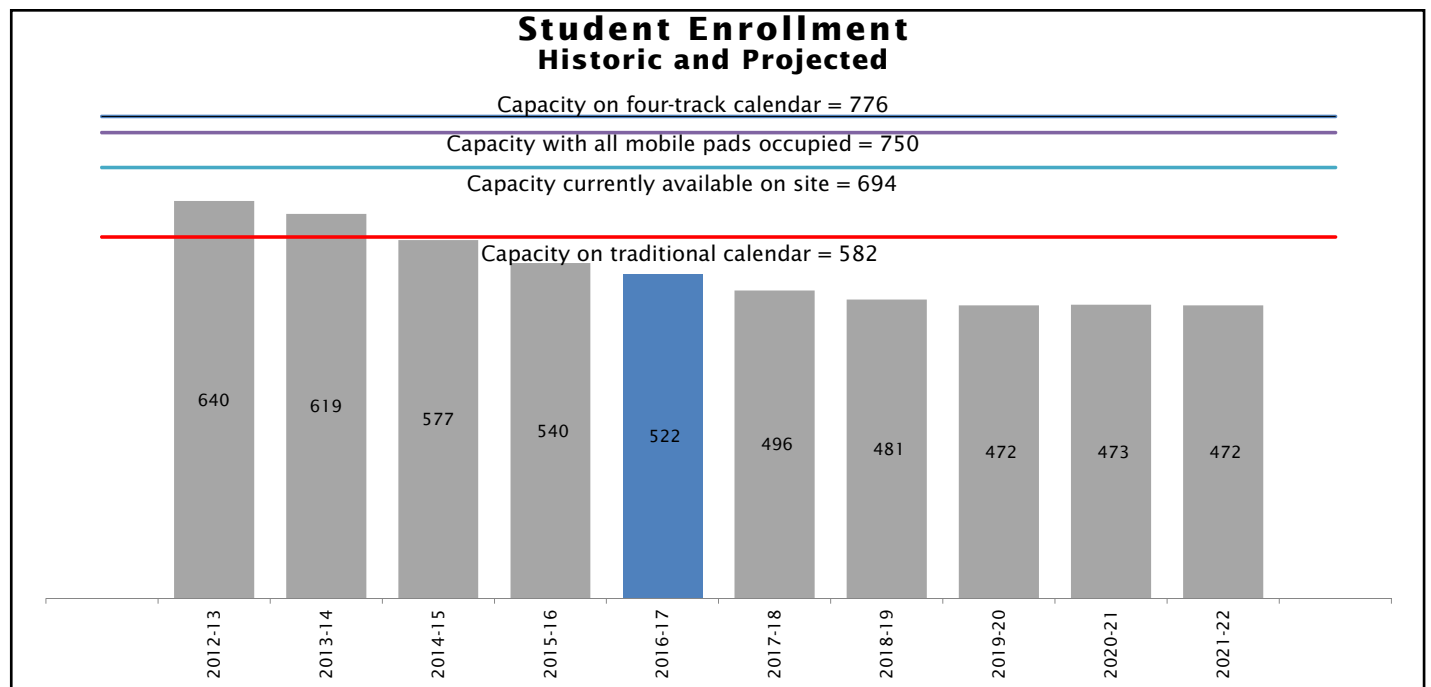
Funded by 2000 Bond
 Opened in 2001

Site Acreage: 10
 Original square feet: 51,688
 Mobiles on Site: 2

Eldorado Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,411,300
Estimated Total Project Costs: \$1,623,865 - \$2,322,330



Following is the list of currently unfunded facility projects at Eldorado Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered	\$744,200	\$74500-\$320100	\$37210-\$160003
	High	Controls. Needs-Upgrade controllers. Count 69	\$174,200	\$17500-\$75000	\$8710-\$37453
	High	Glazed Roof Openings. Skylights. Needs-Re-glaze skylights	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Roofing. Needs-Paint metal roof	\$4,600	\$500-\$2000	\$230-\$989
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints. Re-seal masonry CMU	\$23,800	\$2400-\$10300	\$1190-\$5117
	High	Exterior Windows. Needs-Recaulk windows	\$12,500	\$1300-\$5400	\$625-\$2687
	High	Flooring Restroom. Needs-Replace sheet vinyl flooring with MMA	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Solid Exterior Doors. Needs-Paint exterior doors	\$400	\$100-\$200	\$20-\$86
	High	Curbs, Rails and Barriers. Needs-Repair/replace areas of curb.	\$4,600	\$500-\$2000	\$230-\$989
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$9,000	\$900-\$3900	\$450-\$1935
	High	Playing Fields. Playground. Needs-Replace asphalt playground	\$26,800	\$2700-\$11600	\$1340-\$5762
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,200	\$400-\$1400	\$160-\$688
	Medium	Vinyl Coverings. Needs-Repair/replace areas of vinyl	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$1,411,300
 Estimated Project Management Costs Range: \$142,000 - \$607,600
 Estimated Inflation Range: \$70,565 - \$303,430

Estimated Total Project Costs: \$1,623,865 - \$2,322,330

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

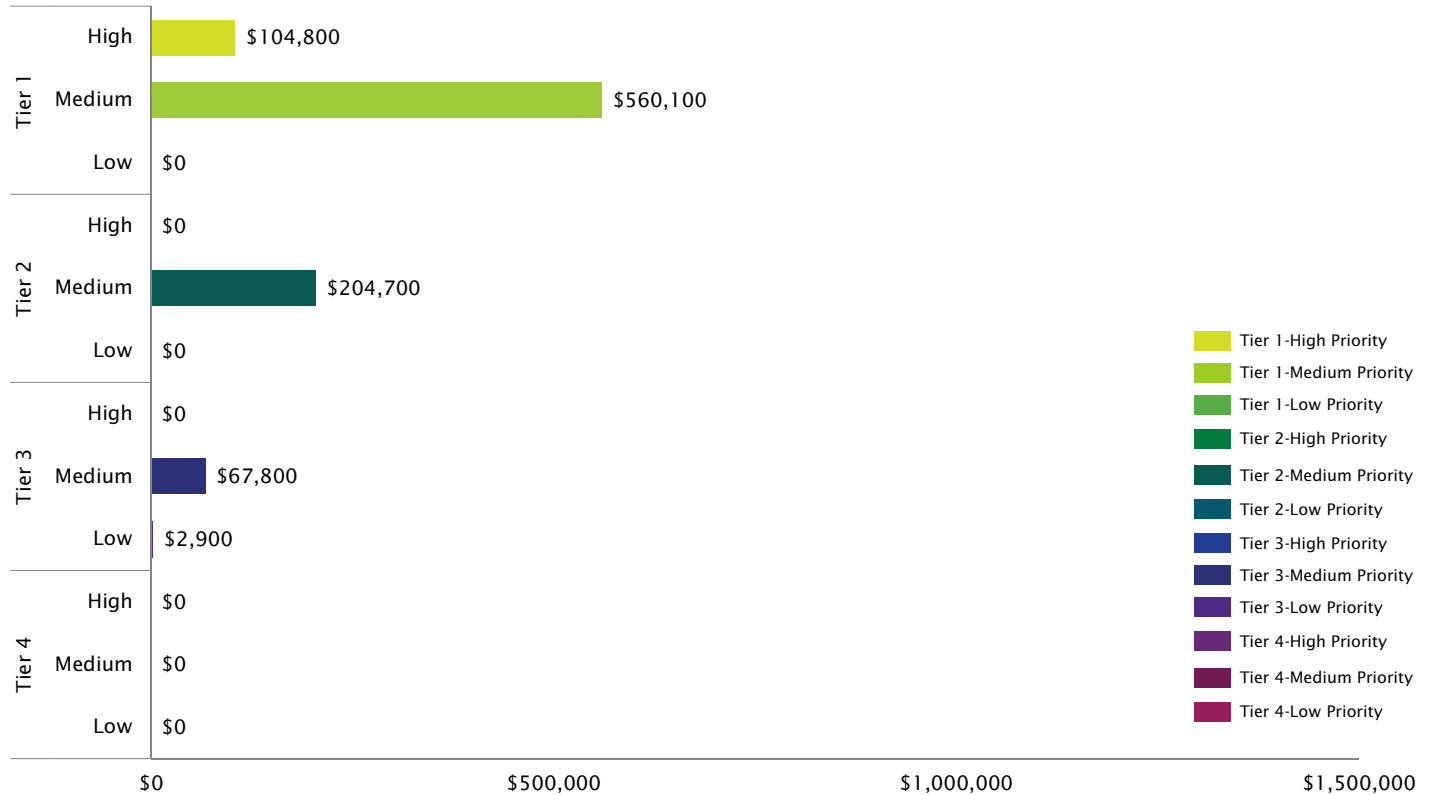
104 Lovington Street
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, K-6

Funded by 2000 Bond
 Opened in 2003

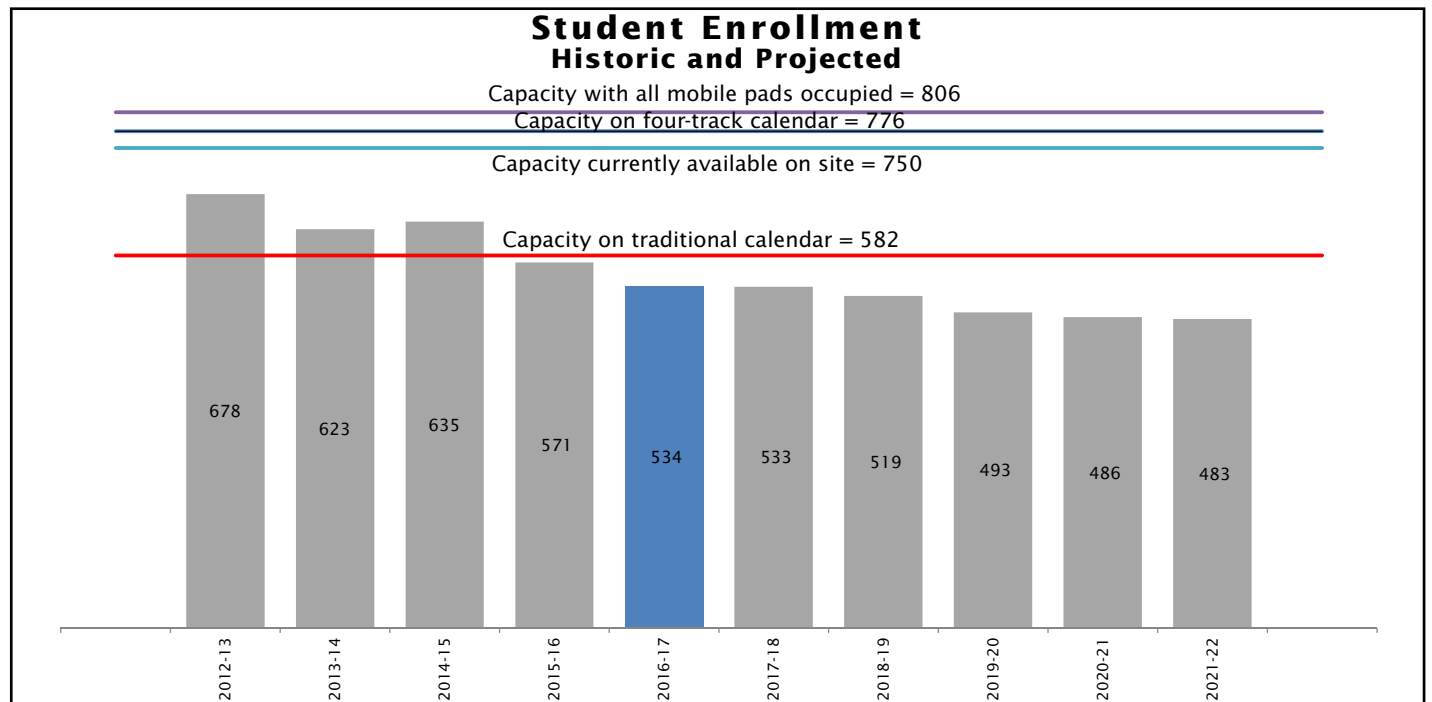
Site Acreage: 10
 Facility Square Feet: 56,566
 Mobiles on Site: 3

Flagstone Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$940,300
Estimated Total Project Costs: \$1,082,215 - \$1,547,565



Following is the list of currently unfunded facility projects at Flagstone Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Clock and Program Systems. Needs-Upgrade clock system	\$19,700	\$2000-\$8500	\$985-\$4235
Tier 1	Medium	Controls. Needs-Replace Trane controls with Delta	\$463,100	\$46400-\$199200	\$23155-\$99566
	Medium	Hot Water Service. Water Heater. Needs-Replace domestic water heater and associated piping.	\$81,000	\$8100-\$34900	\$4050-\$17415
	Medium	Package Units. Needs-Replace cabinet heater in fire sprinkler room	\$1,700	\$200-\$800	\$85-\$365
	Medium	Chilled Water Systems. Needs-Upgrade chiller. Replace cell deck on cooling tower.	\$14,300	\$1500-\$6200	\$715-\$3074
	Medium	Exterior Wall Construction. Needs-Recaulk building control joints. Seal CMU	\$24,300	\$2500-\$10500	\$1215-\$5224
Tier 2	Medium	Exterior Windows. Needs-Recaulk windows	\$13,400	\$1400-\$5800	\$670-\$2881
	Medium	Flooring Restroom. Needs-Replace sheet vinyl with poured acrylic	\$28,400	\$2900-\$12300	\$1420-\$6106
	Medium	Paint Exterior. Needs-Paint exterior trim, windows and doors	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Sink Countertops. Needs- Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Sinks. Needs-Replace with sink countertops, single surface	\$12,200	\$1300-\$5300	\$610-\$2623
	Medium	Solid Exterior Doors. Needs-Recaulk door frames	\$900	\$100-\$400	\$45-\$193
	Medium	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$72,900	\$7300-\$31400	\$3645-\$15673
	Tier 3	Medium	Wall Foundations. Needs-Recaulk areas where concrete meets foundation walls	\$3,000	\$300-\$1300
Medium		Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$64,800	\$6500-\$27900	\$3240-\$13932
Low		Vinyl Covering. Needs-Repair areas of vinyl wall covering	\$2,900	\$300-\$1300	\$145-\$623

Estimated Total Construction Costs (in 2017 Dollars): \$940,300
 Estimated Project Management Costs Range: \$94,900 - \$405,100
 Estimated Inflation Range: \$47,015 - \$202,165

Estimated Total Project Costs: \$1,082,215 - \$1,547,565

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

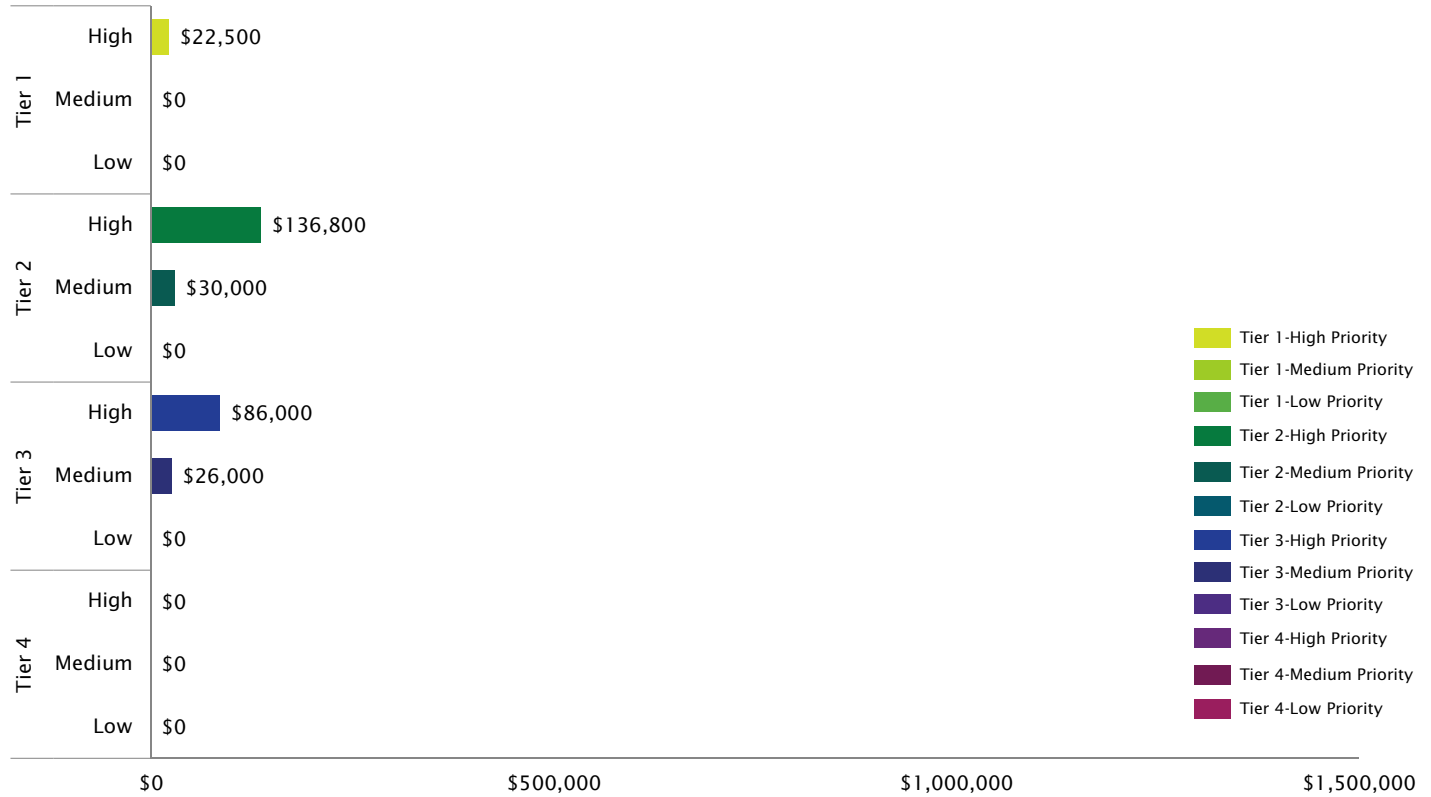
6585 Collegiate Drive
 Highlands Ranch, CO 801306
 Highlands Ranch High School Feeder Area, K-6

Funded by 1993 Bond
 Opened in 1995

Site Acreage: 12
 Facility Square Feet: 54,226
 Mobiles on Site: 2

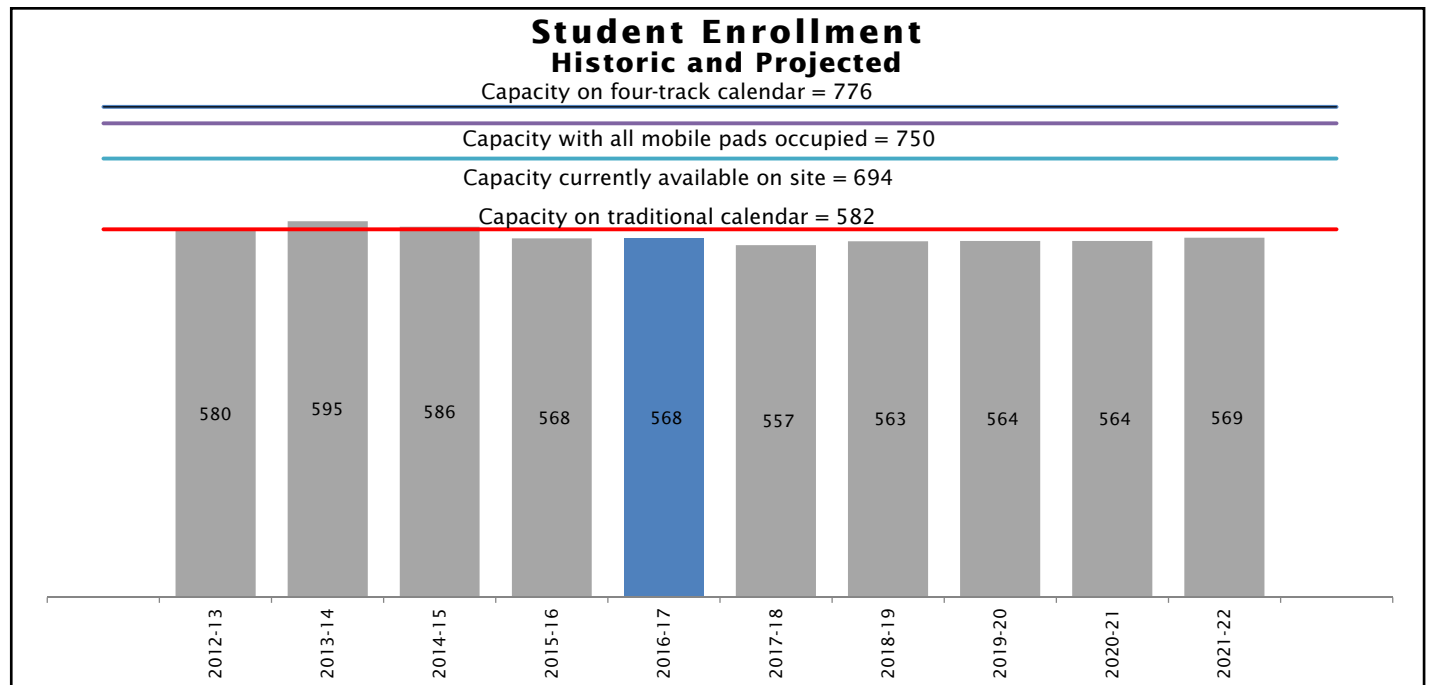
Fox Creek Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$301,300

Estimated Total Project Costs: \$346,965 - \$496,280



Following is the list of currently unfunded facility projects at Fox Creek Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Replace generator	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Roof Finishes. Needs-Replace seals at main corridor skylights	\$6,300	\$700-\$2800	\$315-\$1354
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints. Re-seal CMU	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Flooring Hallways/Classrooms. Needs-Replace VCT in classrooms	\$26,000	\$2600-\$11200	\$1300-\$5590
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Flooring Carpet. Needs-New walkoff carpeting at entries	\$5,000	\$500-\$2200	\$250-\$1075
	High	Flooring Kitchen. Needs-Replace kitchen flooring with MMA	\$54,100	\$5500-\$23300	\$2705-\$11631
	High	Special Foundations. Needs-Pre-school slab sinking, repair	\$2,500	\$300-\$1100	\$125-\$537.5
	Medium	Flooring Cafeteria. Needs-Original, replace VCT	\$15,000	\$1500-\$6500	\$750-\$3225
	Medium	Flooring Gym. Needs-Original, replace carpet	\$15,000	\$1500-\$6500	\$750-\$3225
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$83,000	\$8300-\$35700	\$4150-\$17845
	Medium	Movable Furnishing, FFE. Needs-Replace pads at backstops in gym. Replace chalkboards with white boards	\$20,800	\$2100-\$9000	\$1040-\$4472
	Medium	Vinyl. Needs-Replace vinyl covering main corridors (50%), office 507	\$5,200	\$600-\$2300	\$260-\$1118

Estimated Total Construction Costs (in 2017 Dollars): \$301,300
 Estimated Project Management Costs Range: \$30,600 - \$130,200
 Estimated Inflation Range: \$15,065 - \$64,780

Estimated Total Project Costs: \$346,965 - \$496,280

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

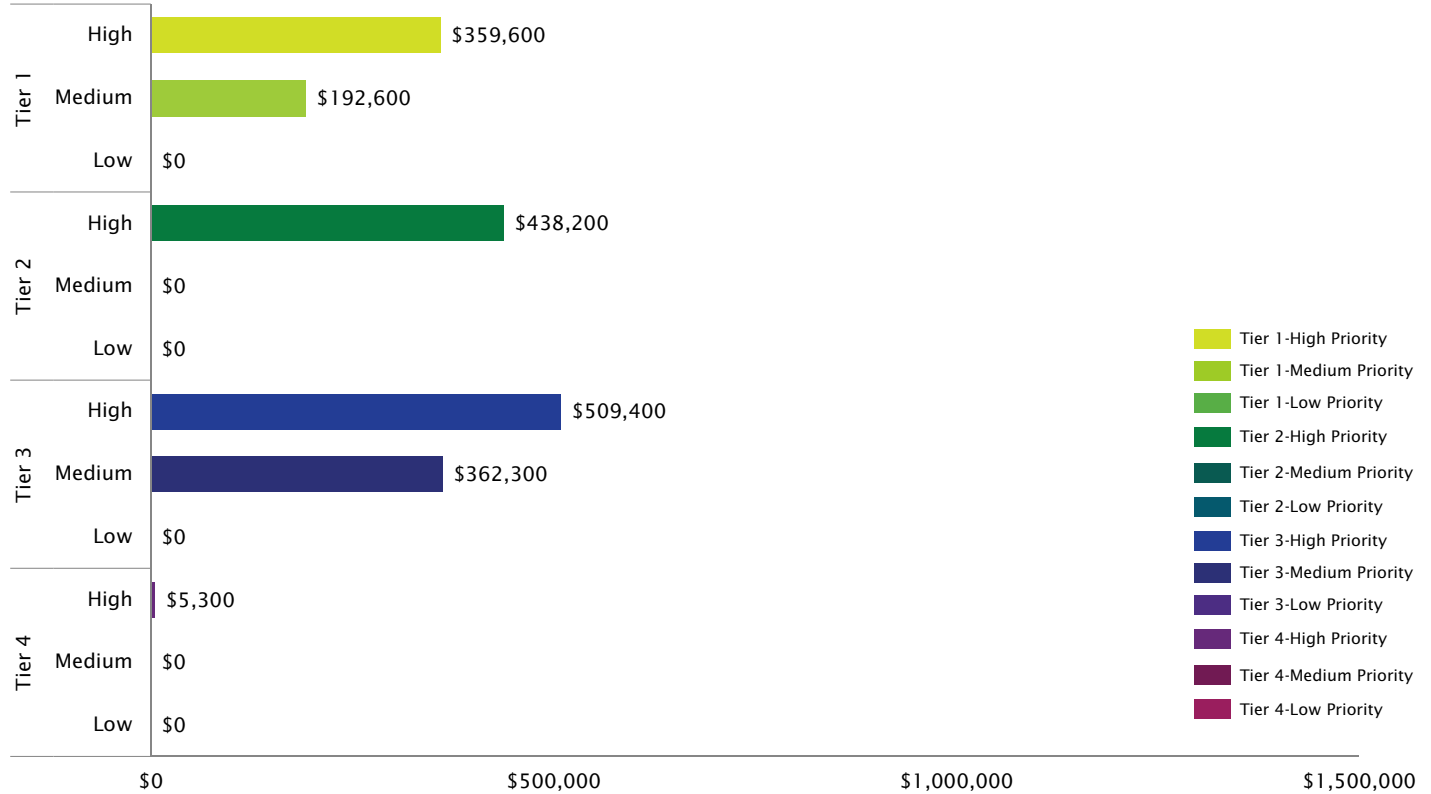
1384 North State Highway 83
 Franktown, CO 80116
 Ponderosa High School Feeder Area, K-5

Funded by 1978 Bond
 Opened in 1980

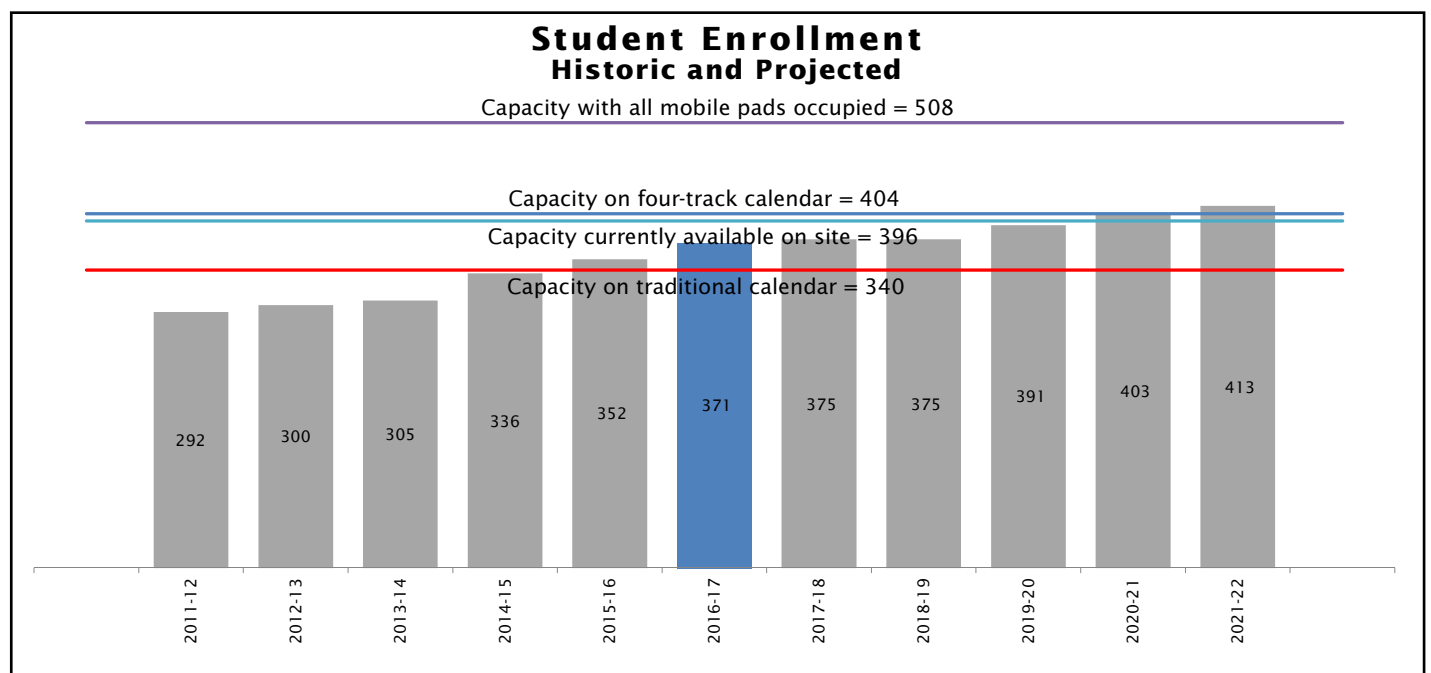
Site Acreage: 23
 Facility Square Feet: 36,147
 Mobiles on Site: 1

Franktown Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,867,400
Estimated Total Project Costs: \$2,148,570 - \$3,072,891



Following is the list of currently unfunded facility projects at Franktown Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$89,300	\$9000-\$38400	\$4465-\$19199
	High	Controls. Needs-Upgrade control system	\$170,100	\$17100-\$73200	\$8505-\$36571
	High	Roof Finishes. Needs-Silver coat parapet walls	\$4,600	\$500-\$2000	\$230-\$989
	High	Clock and Program Systems. Needs-Upgrade clock system	\$19,700	\$2000-\$8500	\$985-\$4235
	High	Irrigation Systems. Needs-Upgrade entire system to district standard.	\$75,900	\$7600-\$32700	\$3795-\$16318
	Medium	Interior Door Hardware. Needs-Replace door hardware	\$150,000	\$15000-\$64500	\$7500-\$32250
	Medium	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$42,600	\$4300-\$18400	\$2130-\$9159
Tier 2	High	Exterior Wall Construction. CMU and Brick. Needs-Recaulk control joints, repair grout, repair masonry	\$6,300	\$700-\$2800	\$315-\$1354
	High	Window Storefronts. Needs-Repair/replace, sand/paint entry/classroom storefronts	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Exterior Windows. Needs-Recaulk windows	\$14,300	\$1500-\$6200	\$715-\$3074
	High	Fabricated Toilet Partitions. Needs-Replace toilet partitions when flooring replaced	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Fixed Casework. Needs-Replace older casework	\$200,900	\$20100-\$86400	\$10045-\$43193
	High	Flooring Restroom. Needs-Replace ceramic tile with MMA	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Retractable Partition. Needs-Refurbish or replace all classroom partitions, good condition 2012	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Solid Exterior Doors. Needs-Sand/paint exterior doors	\$4,600	\$500-\$2000	\$230-\$989
	High	Wash Fountains. Needs-Replace trough washing stations with sinks (6)	\$15,300	\$1600-\$6600	\$765-\$3289
	High	Flooring Kitchen. Needs-Replace kitchen flooring	\$80,400	\$8100-\$34600	\$4020-\$17286
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$9,000	\$900-\$3900	\$450-\$1935
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$7,300	\$800-\$3200	\$365-\$1569
	High	Playing Fields. Multi-use Field. Needs-Install new synthetic turf for multi-use field	\$267,800	\$26800-\$115200	\$13390-\$57577
	High	Playing Fields. Multi-use Field. Needs-Renovate play field and other site improvements	\$234,300	\$23500-\$100800	\$11715-\$50374
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$357,000	\$35700-\$153600	\$17850-\$76755
	Medium	Vinyl Coverings. Needs-Repair/replace vinyl coverings	\$5,300	\$600-\$2300	\$265-\$1139
Tier 4	High	Seeding and Sodding. Needs-Renovate grass area around school.	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$1,867,400
 Estimated Project Management Costs Range: \$187,800 - \$804,000
 Estimated Inflation Range: \$93,370 - \$401,491

Estimated Total Project Costs: \$2,148,570 - \$3,072,891

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

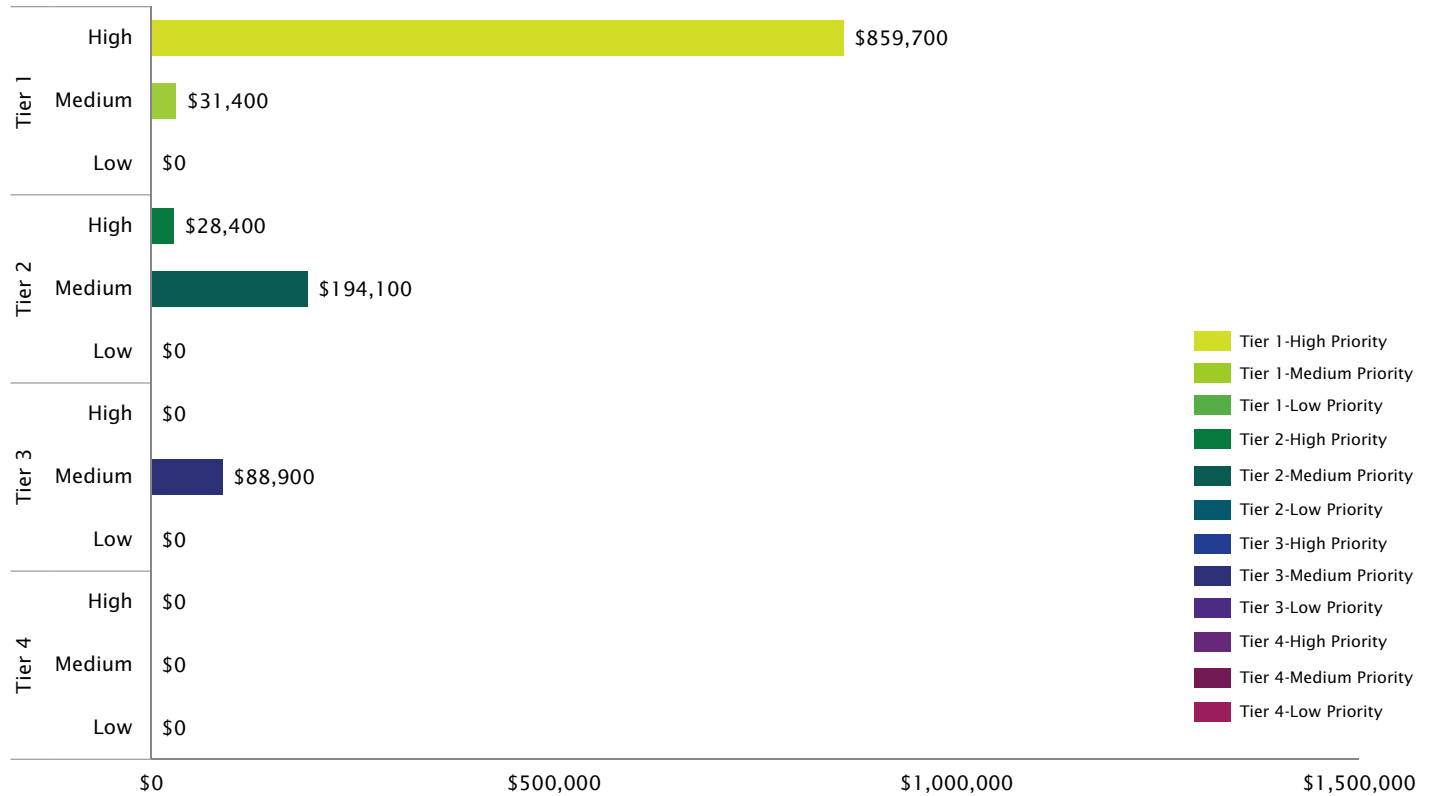
23919 East Canterbury Trail
 Parker, CO 80138
 Legend High School Feeder Area, K-5

Funded by 2000 Bond
 Opened in 2003

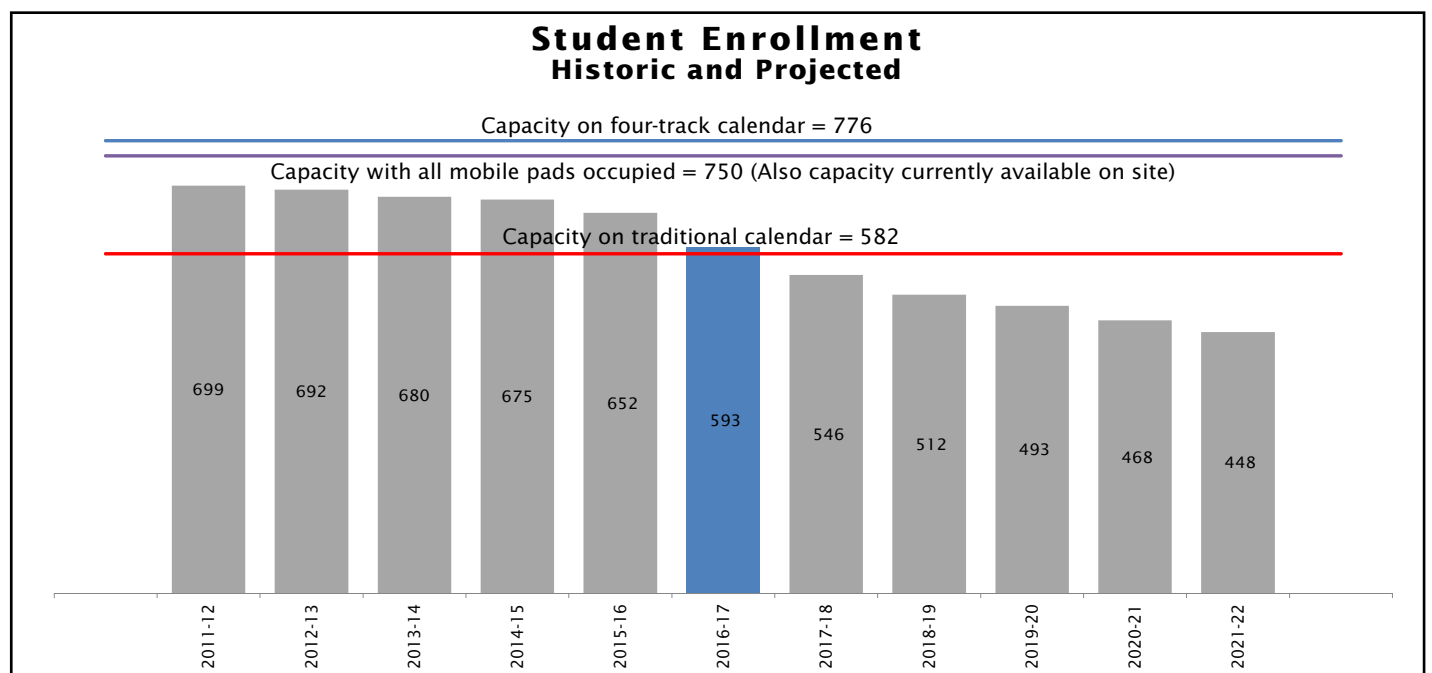
Site Acreage: 10
 Facility Square Feet: 55,868
 Mobiles on Site: 3

Frontier Valley Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,202,500
Estimated Total Project Costs: \$1,383,725 - \$1,978,938



Following is the list of currently unfunded facility projects at Frontier Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade control system	\$170,100	\$17100-\$73200	\$8505-\$36571
	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$81,000	\$8100-\$34900	\$4050-\$17415
	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered	\$608,600	\$60900-\$261700	\$30430-\$130849
	Medium	Glazed Roof Openings. Skylights. Needs-Re-glaze skylights	\$26,800	\$2700-\$11600	\$1340-\$5762
	Medium	Roof Finishes. Needs-Paint metal roof	\$4,600	\$500-\$2000	\$230-\$989
Tier 2	High	Exterior Wall Construction. Needs-Re-caulk control joints. Seal masonry CMU	\$23,800	\$2400-\$10300	\$1190-\$5117
	High	Window Storefronts. Needs-Recaulk windows. Clean framing	\$4,600	\$500-\$2000	\$230-\$989
	Medium	Exterior Windows. Needs-Recaulk windows	\$12,500	\$1300-\$5400	\$625-\$2687
	Medium	Flooring Restroom. Needs-Replace sheet vinyl flooring with MMA	\$26,800	\$2700-\$11600	\$1340-\$5762
	Medium	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Solid Exterior Doors. Needs-Paint (4)	\$400	\$100-\$200	\$20-\$86
	Medium	Curbs, Rails and Barriers. Needs-Repair/replace areas of curb.	\$4,600	\$500-\$2000	\$230-\$989
	Medium	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$22,300	\$2300-\$9600	\$1115-\$4794
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$9,000	\$900-\$3900	\$450-\$1935
Tier 3	Medium	Playing Fields. Playground. Needs-Replace asphalt playground	\$26,800	\$2700-\$11600	\$1340-\$5762
	Medium	Wall Foundations. Needs-Re-caulk foundation where concrete meets. Building and surrounding areas showing movement.	\$3,100	\$400-\$1400	\$155-\$666
	Medium	Playing Fields. Multi-use Field. Needs-Renovate multi-use playing field	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Upper Floor. Needs-Showing cracks through carpet, cafeteria floor moving. 2012	\$9,000	\$900-\$3900	\$450-\$1935
	Medium	Vinyl Coverings. Needs-Repair/replace areas of vinyl	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$1,202,500
 Estimated Project Management Costs Range: \$121,100 - \$517,900
 Estimated Inflation Range: \$60,125 - \$258,538

Estimated Total Project Costs: \$1,383,725 - \$1,978,938

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

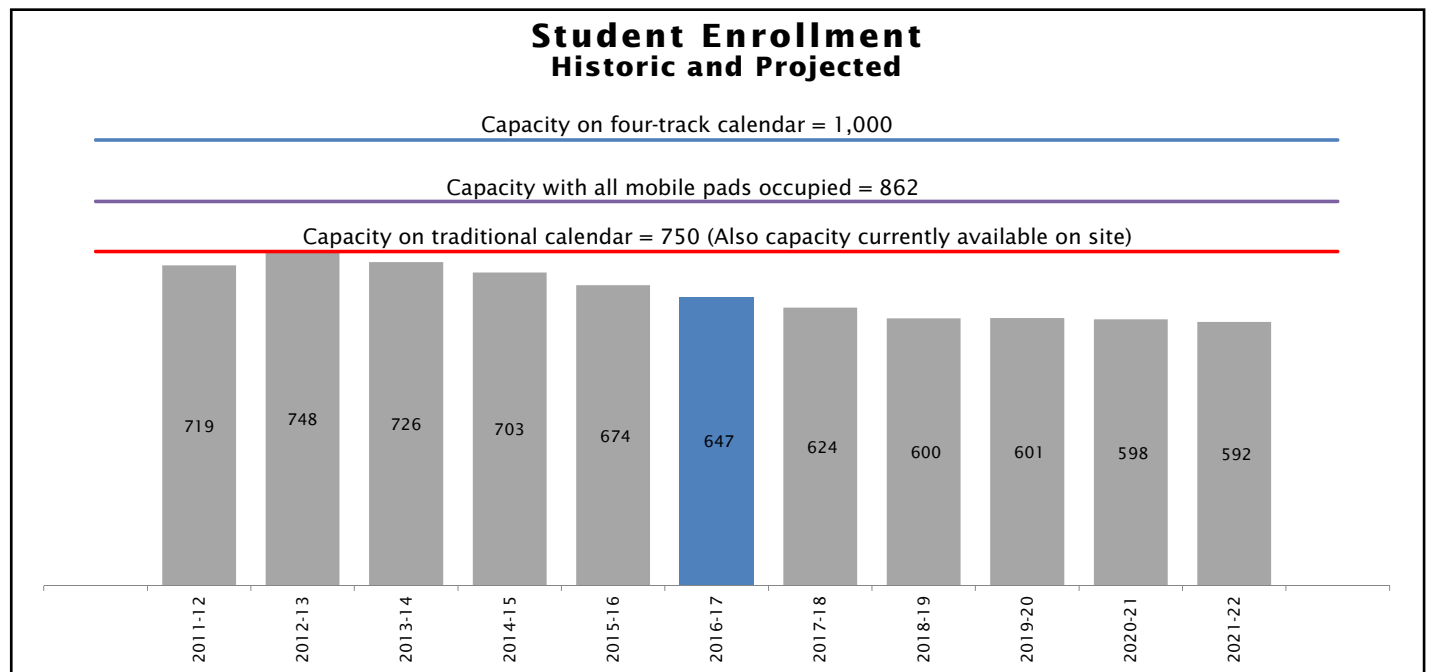
12021 South Swift Fox Way
 Parker, CO 80134
 Legend High School Feeder Area, K-5

Funded by 2006 Bond
 Opened in 2008

Site Acreage:10
 Facility Square Feet: 73,146
 Mobiles on Site: 0

Gold Rush Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
		<p style="text-align: center;"><i>No capital projects identified at this time. All security and technology related capital has been summarized in the security and technology pages.</i></p>			

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

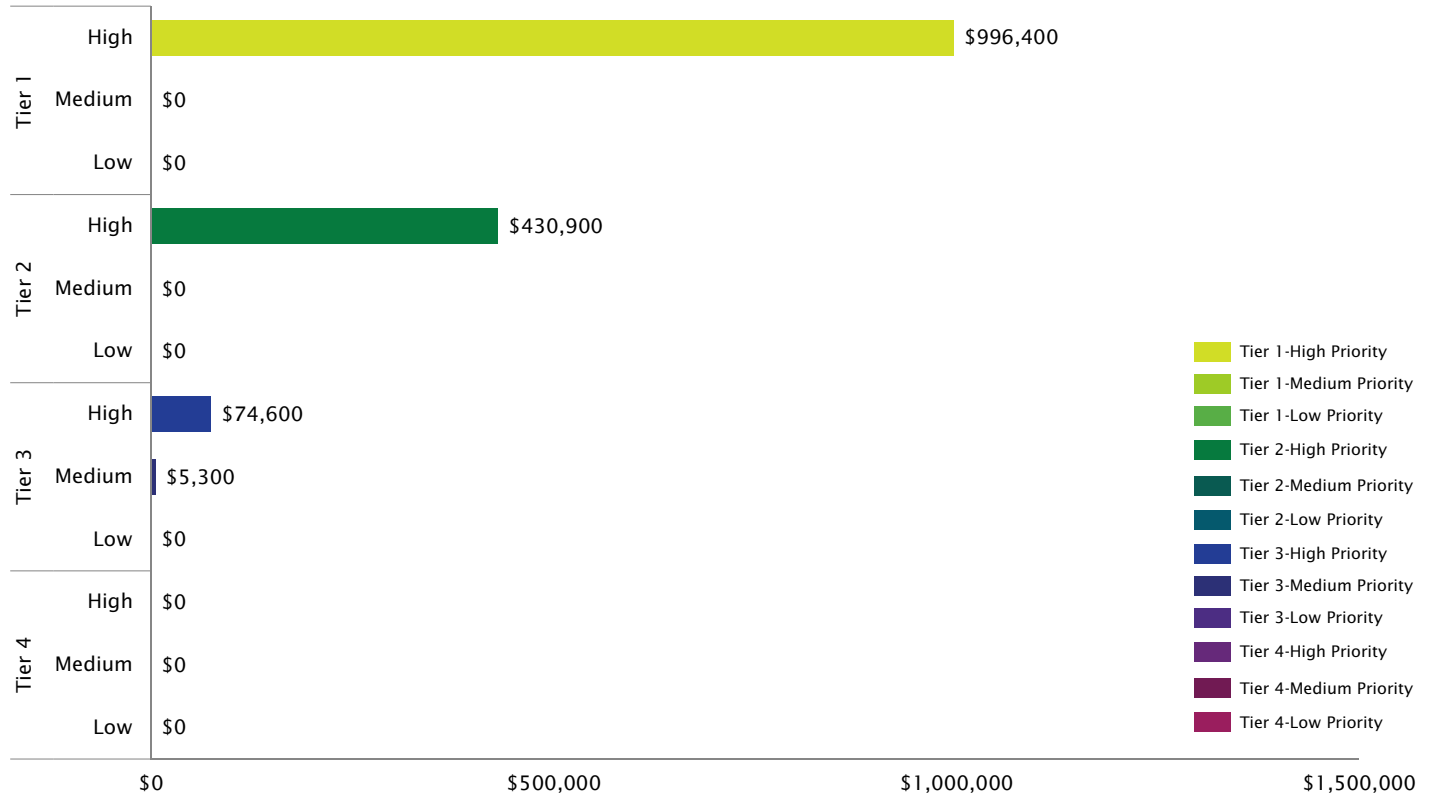
3350 Summit View Parkway
Highlands Ranch, CO 80126
Mountain Vista High School Feeder Area, K-6

Funded by 1997 Bond
Opened in 2001

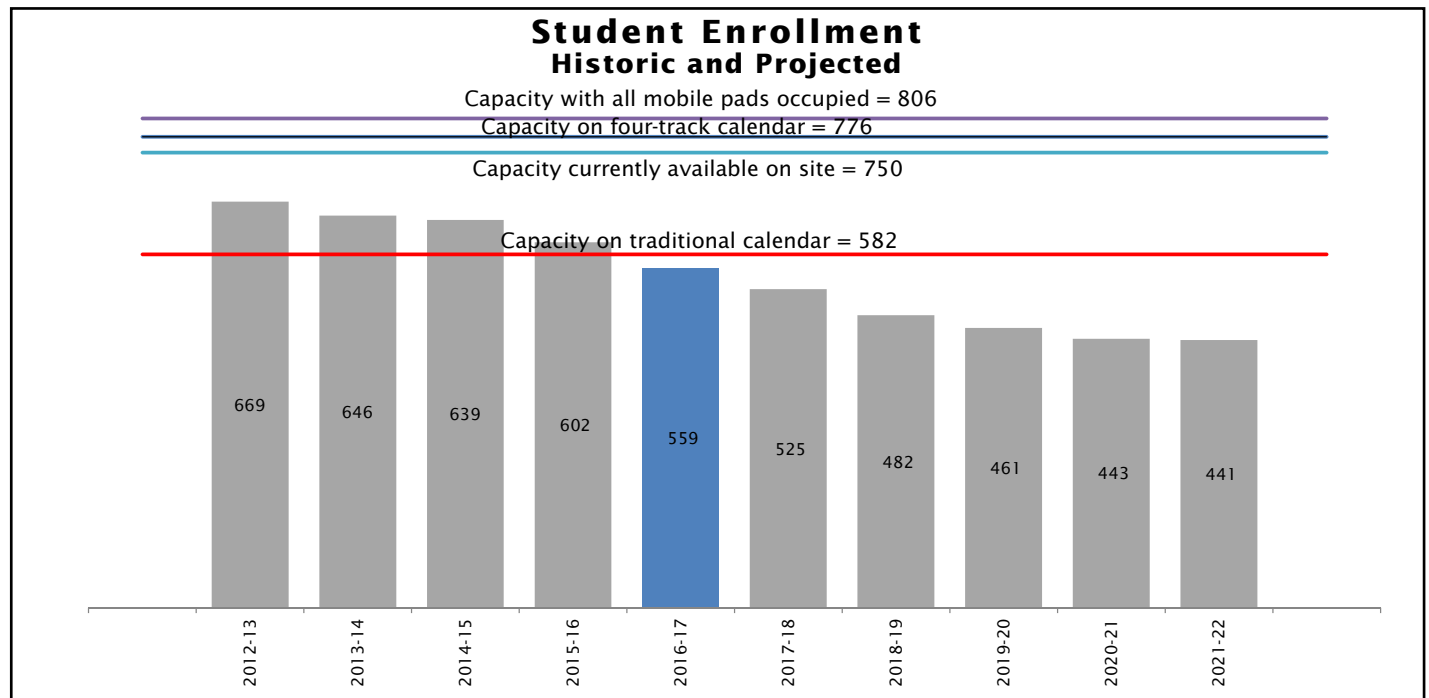
Site Acreage: 10
Facility Square Feet: 51,668
Mobiles on Site: 3

Heritage Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,507,200
Estimated Total Project Costs: \$1,734,060 - \$2,480,148



Following is the list of currently unfunded facility projects at Heritage Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered	\$729,900	\$73000-\$313900	\$36495-\$156928
	High	Glazed Roof Openings. Skylights. Needs-Re-glaze skylights	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Paint Exterior. Needs-Paint metal roof	\$4,600	\$500-\$2000	\$230-\$989
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints. Seal masonry CMU	\$23,800	\$2400-\$10300	\$1190-\$5117
	High	Exterior Windows. Needs-Recaulk windows	\$12,500	\$1300-\$5400	\$625-\$2687
	High	Flooring Carpet replacement	\$228,200	\$22900-\$98200	\$11410-\$49063
	High	Flooring Restroom. Needs-Replace sheet vinyl flooring with MMA	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Solid Exterior Doors. Needs-Paint (4)	\$400	\$100-\$200	\$20-\$86
	High	Curbs, Rails and Barriers. Needs-Repair/replace areas of curb.	\$4,600	\$500-\$2000	\$230-\$989
	High	Flooring Hallways/Classrooms. Needs-Replace sections of VCT that are cracking and chipping	\$5,000	\$500-\$2200	\$250-\$1075
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$9,000	\$900-\$3900	\$450-\$1935
	High	Playing Fields. Playground. Needs-Replace asphalt playground	\$26,800	\$2700-\$11600	\$1340-\$5762
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,100	\$400-\$1400	\$155-\$666
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use playing field	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Vinyl Coverings. Needs-Repair/replace areas of vinyl	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$1,507,200
 Estimated Project Management Costs Range: \$151,500 - \$648,900
 Estimated Inflation Range: \$75,360 - \$324,048

Estimated Total Project Costs: \$1,734,060 - \$2,480,148

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



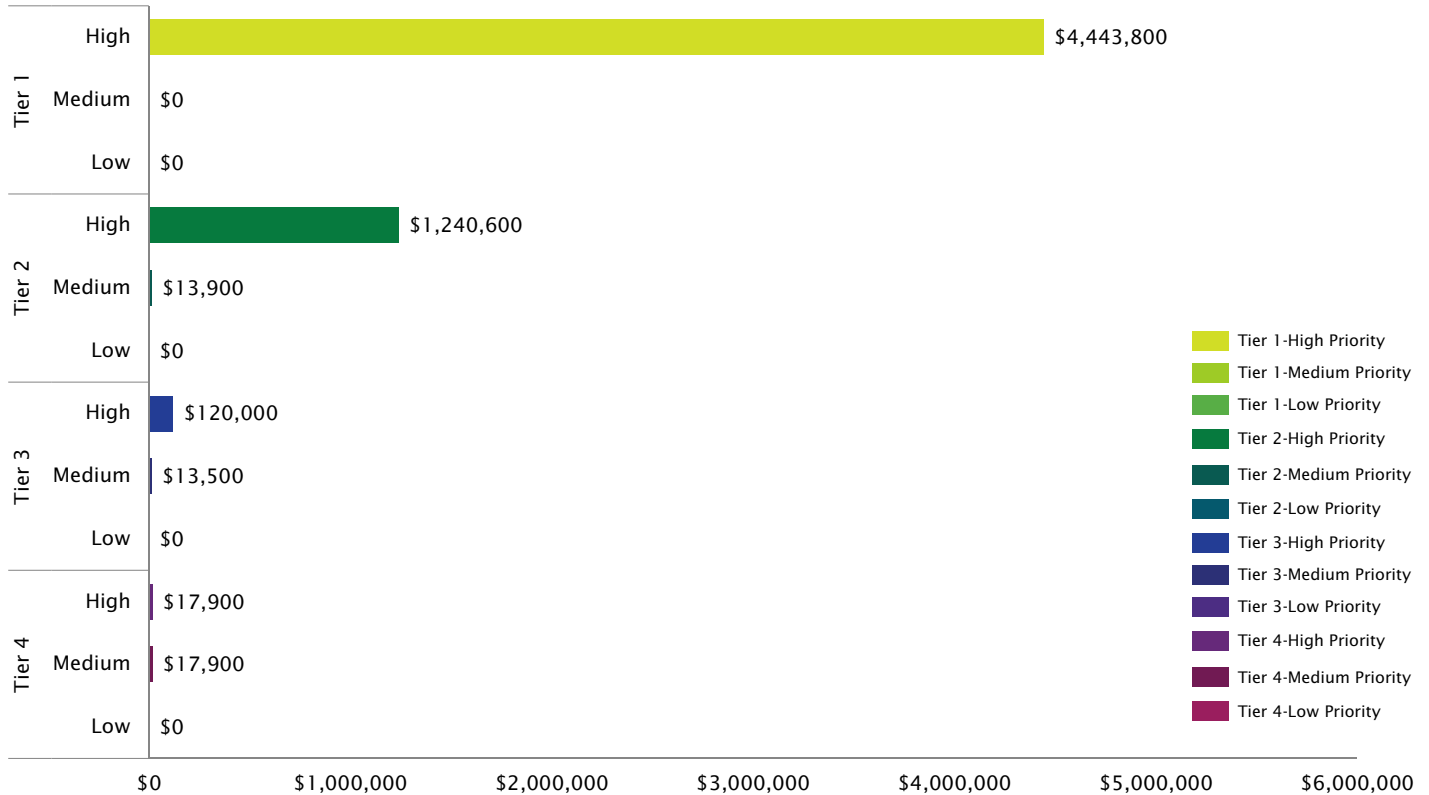
Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

9375 Cresthill Lane
 Highlands Ranch, CO 80130
 Highlands Ranch High School Feeder Area, 9-12

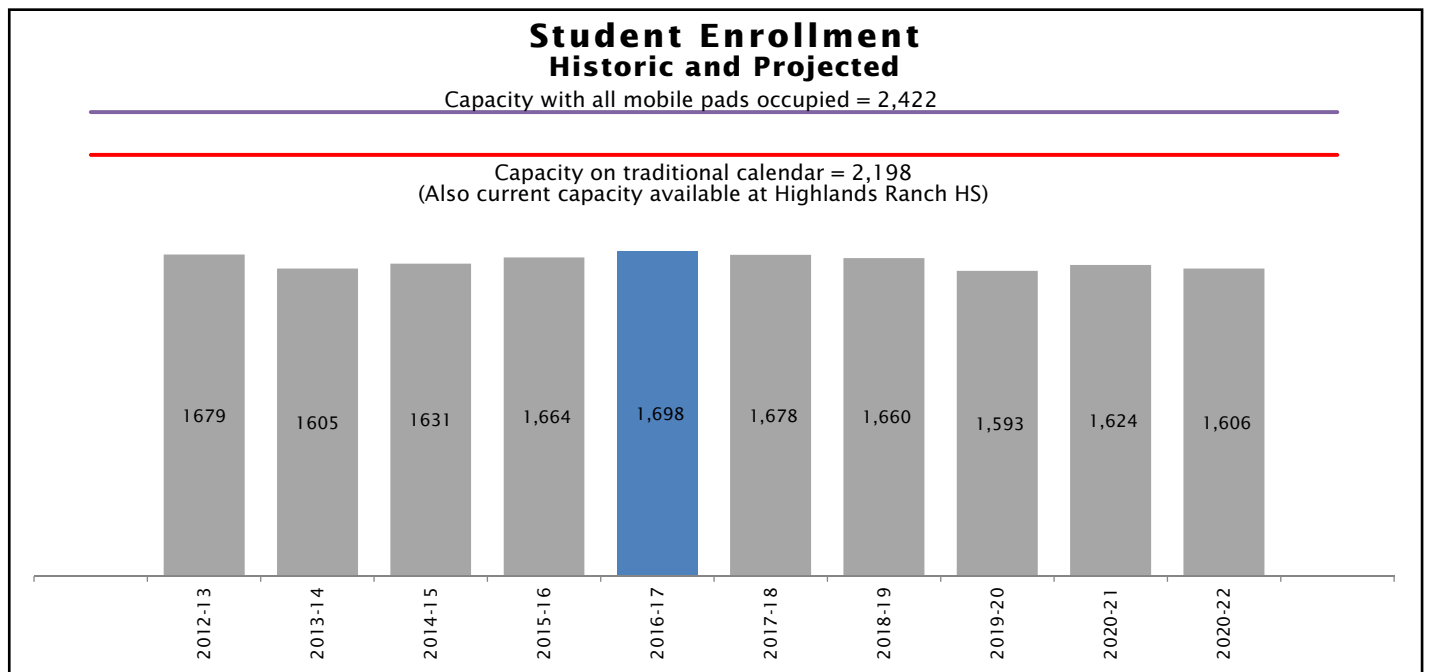
Funded by 1984 Bond
 Opened in 1985

Site Acreage: 70.82
 Facility Square Feet: 243,408
 Mobiles on Site: 0

Highlands Ranch High School-Identified Facility Projects Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$5,867,600
Estimated Total Project Costs: \$6,748,880 - \$9,653,634



Following is the list of currently unfunded facility projects at Highlands Ranch High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered	\$1,929,400	\$193000-\$829700	\$96470-\$414821
	High	Controls. Needs-Upgrade control system	\$425,100	\$42600-\$182800	\$21255-\$91396
	High	Direct Expansion Systems. Roof top units. Needs-Replacement of some units	\$892,500	\$89300-\$383800	\$44625-\$191887
	High	Panels and Transformers. Needs-Replace older panels and transformers, end of lifecycle	\$67,000	\$6700-\$28900	\$3350-\$14405
	High	Switchgear-Main. Needs-Replace main switchgear	\$111,600	\$11200-\$48000	\$5580-\$23994
	High	Clock and Program Systems. Needs-Upgrade clock system	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Fixed Multiple Seating. Bleachers. Needs-Replace bleachers in main gym	\$125,100	\$12600-\$53800	\$6255-\$26896
	High	Interior Door Hardware. Needs-Replace door hardware, install restricted key system in 2018	\$420,000	\$42000-\$180600	\$21000-\$90300
	High	Irrigation Systems. Needs-Replace entire system with new design.	\$446,300	\$44700-\$192000	\$22315-\$95954
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$18,100	\$1900-\$7800	\$905-\$3891
	High	Exterior Windows. Needs-Replace Pella wood windows	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Window Storefronts. Needs-Reglaze storefront windows at auditorium entry. Recaulk windows	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Exterior Windows. Needs-Recaulk windows	\$52,700	\$5300-\$22700	\$2635-\$11330
	High	Fabricated Toilet Partitions. Needs-Replace some toilet partitions (50%)	\$53,600	\$5400-\$23100	\$2680-\$11524
	High	Fixed Casework. Needs-Replace original casework, end of lifecycle	\$446,300	\$44700-\$192000	\$22315-\$95954
	High	Flooring Restroom. Needs-Replace sheet vinyl with MMA 4 student restrooms	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Solid Exterior Doors. Needs-Paint exterior doors	\$4,600	\$500-\$2000	\$230-\$989
	High	Theater and Stage Equipment. Needs-Replace auditorium seating	\$357,000	\$35700-\$153600	\$17850-\$76755
	High	Flooring Cafeteria. Needs-Replace stained VCT sections	\$4,600	\$500-\$2000	\$230-\$989
	High	Flooring Gym. Needs-Replace auxiliary gym floor	\$133,900	\$13400-\$57600	\$6695-\$28788
	High	Flooring Kitchen. Needs-Replace kitchen flooring	\$62,500	\$6300-\$26900	\$3125-\$13437
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace walkways to athletic fields	\$9,000	\$900-\$3900	\$450-\$1935
	Medium	Flooring Gym. Needs-Sand Aux Gym	\$13,900	\$1400-\$6000	\$695-\$2988
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$8,200	\$900-\$3600	\$410-\$1763
	High	Fences and Gates. Needs-Replace all fencing around school perimeter, parking areas	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use playing field	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Site Lighting Poles. Needs-Replace site lighting poles and fixtures (except entry)	\$26,800	\$2700-\$11600	\$1340-\$5762
	Medium	Vinyl Coverings. Needs-Repair/replace sections of vinyl	\$13,500	\$1400-\$5900	\$675-\$2902
Tier 4	High	Seeding and Sodding. Needs-Renovate areas or sod around school	\$17,900	\$1800-\$7700	\$895-\$3848
	Medium	Planting. Needs-Add/replace trees, bushes, other landscape plantings	\$17,900	\$1800-\$7700	\$895-\$3848

Estimated Total Construction Costs (in 2017 Dollars): \$5,867,600
 Estimated Project Management Costs Range: \$587,900 - \$2,524,500
 Estimated Inflation Range: \$293,380 - \$1,261,534

Estimated Total Project Costs: \$6,748,880 - \$9,653,634

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



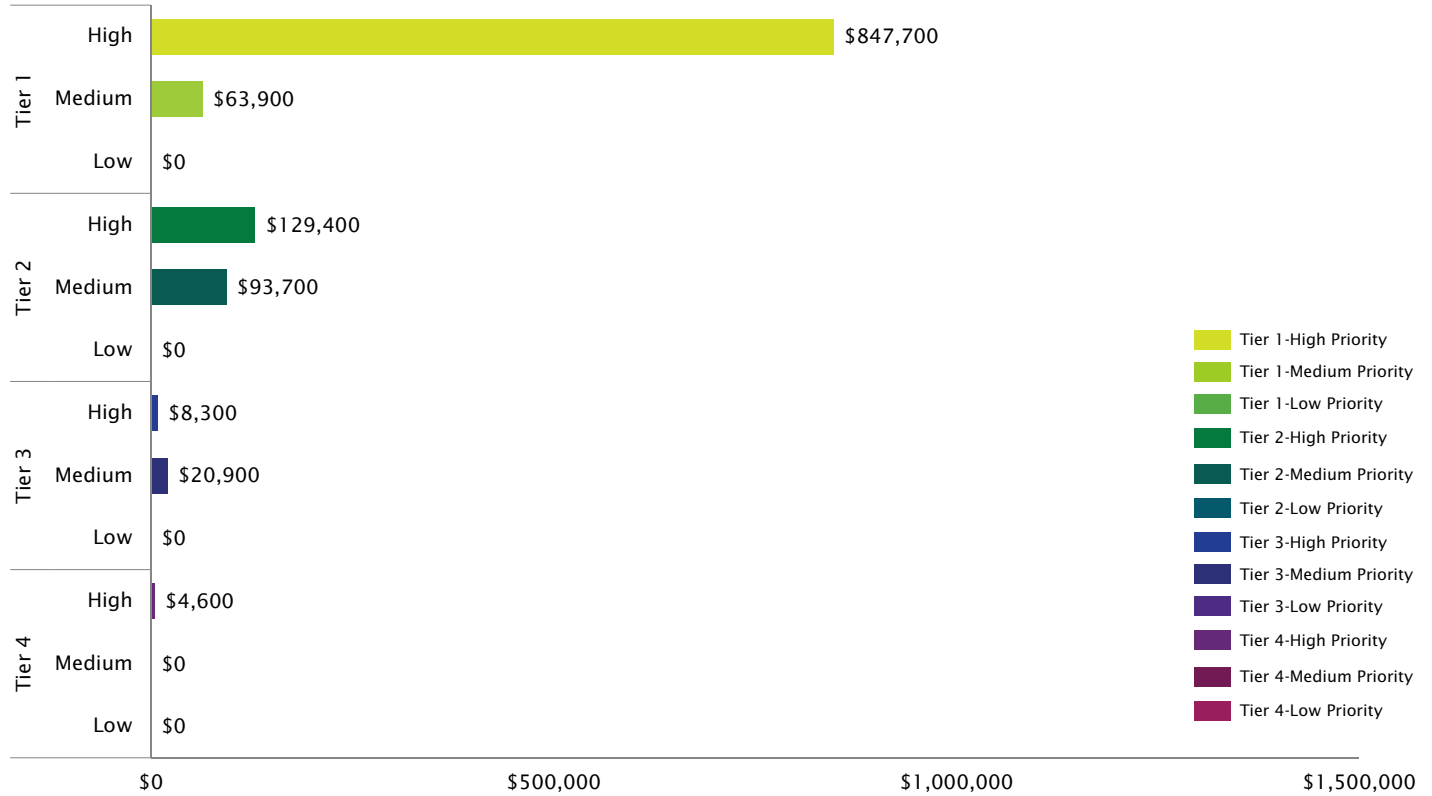
Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

20151 Tallman Drive
Parker, CO 80138
Legend High School Feeder Area, K-5

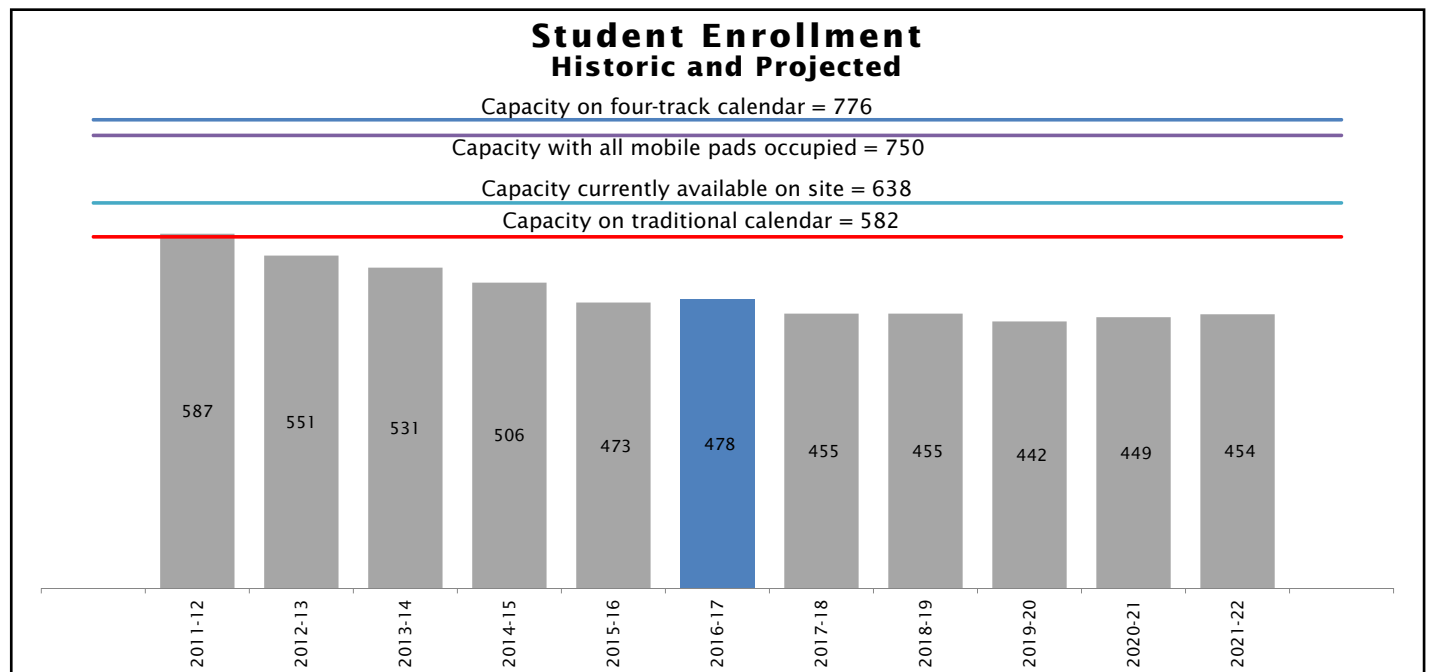
Funded by 1997 Bond
Opened in 1998

Site Acreage:10
Facility Square Feet: 51,676
Mobiles on Site: 1

Iron Horse Elementary-Identified Facility Projects Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,168,500
Estimated Total Project Costs: \$1,344,825 - \$1,923,428



Following is the list of currently unfunded facility projects at Iron Horse Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered. Bridging occurring on parapet	\$573,300	\$57400-\$246600	\$28665-\$123259
	High	Hot Water Distribution Needs-DHW heater needs replaced.	\$16,400	\$1700-\$7100	\$820-\$3526
	High	Emergency Light and Power Systems. Replace generator	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Clock & Program Systems. Rauland Master Clock. Needs-Replace and move bell schedule	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Flashings & Trim. Roof flashing Fair condition. Replace with roof.	\$3,800	\$400-\$1700	\$190-\$817
	High	Insulation. Needs-Replace insulation in places	\$7,400	\$800-\$3200	\$370-\$1591
	High	Interior Door Hardware. Needs-Replace door hardware. Install restricted key system	\$157,500	\$15800-\$67800	\$7875-\$33862
	High	Chilled Water Systems. Chiller, cooling tower. Needs-Repair/replace cooling tower	\$50,000	\$5000-\$21500	\$2500-\$10750
	High	Irrigation Systems. Needs-Upgrade controller	\$5,200	\$600-\$2300	\$260-\$1118
	Medium	Local Area Networks. ITS/Head End Equipment. Needs-Expanded or new MDF closet (minimum 10'X10')	\$63,900	\$6400-\$27500	\$3195-\$13738
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Storefront windows. Needs-Repair leaks on all entrance storefronts	\$1,900	\$200-\$900	\$95-\$408
	High	Exterior Wall Construction. Seal/repair CMU, stress cracks	\$16,000	\$1600-\$6900	\$800-\$3440
	High	Exterior Paint. Fair condition. Needs - Paint metal roof	\$7,400	\$800-\$3200	\$370-\$1591
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Flooring. Restroom. Needs-Replace with poured acrylic in all restrooms.	\$26,300	\$2700-\$11400	\$1315-\$5654
	High	Fuel Distribution. Needs-Paint gas pipe to prevent corrosion	\$500	\$100-\$300	\$25-\$107
	High	Retractable Partitions. Needs-Repair/replace gym/cafeteria partition. Curtains need replaced due to fire retardant life.	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Fixed Walls. Needs-Repair cracks from settling at pod areas	\$5,000	\$500-\$2200	\$250-\$1075
	High	Paving & Surfacing. Sidewalks, Needs-Repair/replace sections of sidewalk as necessary	\$22,300	\$2300-\$9600	\$1115-\$4794
	Medium	Flooring Kitchen. Needs-Replace kitchen flooring	\$56,700	\$5700-\$24400	\$2835-\$12190
	Medium	Exhaust Ventilation Systems. Exhaust Fans. Needs-Replace exhaust fans	\$20,000	\$2000-\$8600	\$1000-\$4300
	Medium	Solid Exterior Doors. Needs-Repair or replace exterior doors	\$2,000	\$200-\$900	\$100-\$430
Medium	Flooring Cafeteria. Needs-Replace VCT in cafeteria	\$15,000	\$1500-\$6500	\$750-\$3225	
Tier 3	High	Slab on Grade. North and west pods settling, needs repair	\$3,800	\$400-\$1700	\$190-\$817
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Wall Foundations. Needs-Repair crack in foundation below window at entrance	\$1,500	\$200-\$700	\$75-\$322
	Medium	Suspended Ceilings. Needs-Replace all ceiling tiles in the kitchen. (need to be food grade)	\$5,600	\$600-\$2500	\$280-\$1204
	Medium	Vinyl Wall Covering. Needs-Repair/replace vinyl as necessary	\$7,900	\$800-\$3400	\$395-\$1698
	Medium	Interceptors. Grease interceptor Good condition. Needs-Bypass if possible	\$7,400	\$800-\$3200	\$370-\$1591
Tier 4	High	Seeding and Sodding. Needs-Repair/replace areas as necessary	\$4,600	\$500-\$2000	\$230-\$989

Estimated Total Construction Costs (in 2017 Dollars): \$1,168,500
 Estimated Project Management Costs Range: \$117,900 - \$503,700
 Estimated Inflation Range: \$58,425 - \$251,228

Estimated Total Project Costs: \$1,344,825 - \$1,923,428

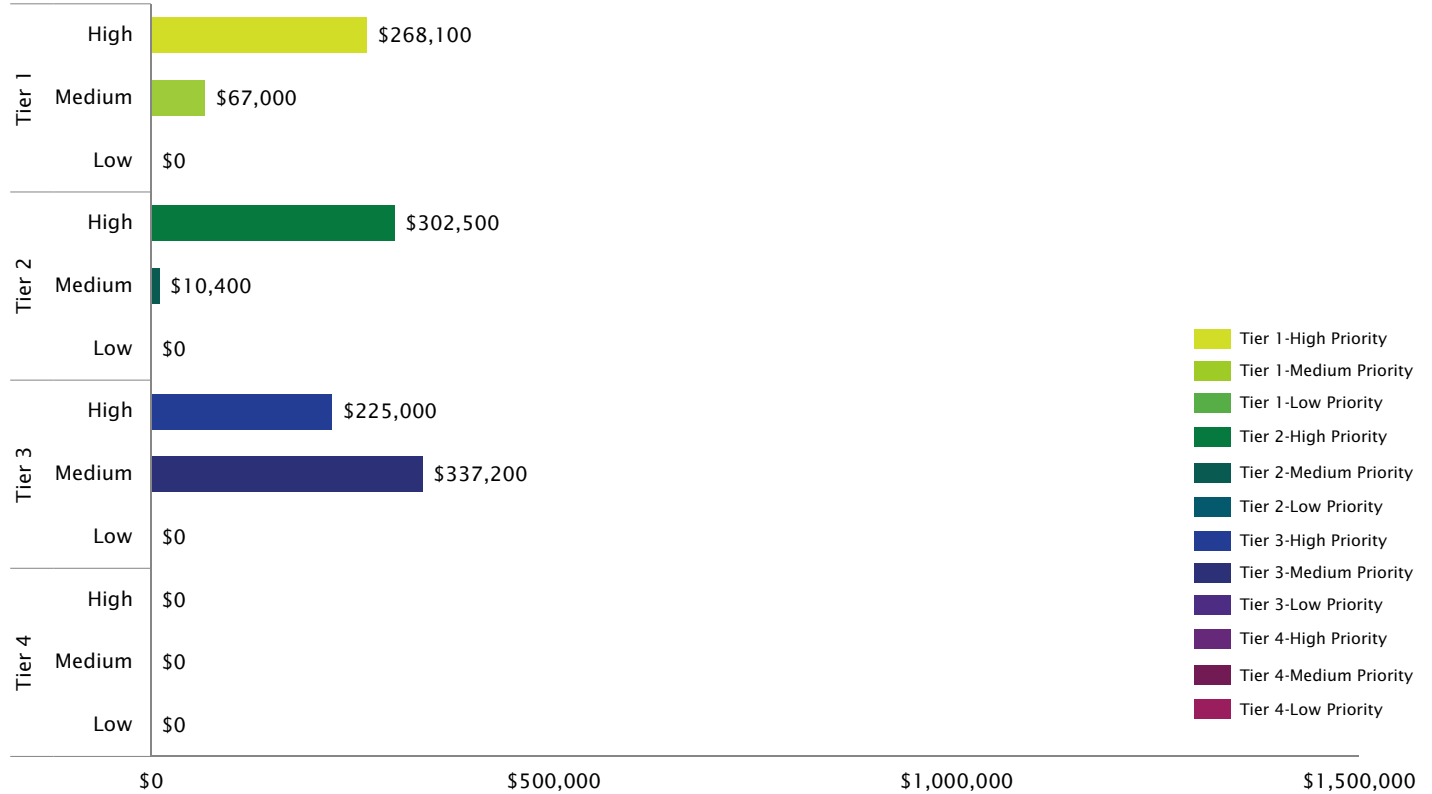
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

1103 West Perry Park Avenue
 Larkspur, CO 80118
 Castle View High School Feeder Area, K-6

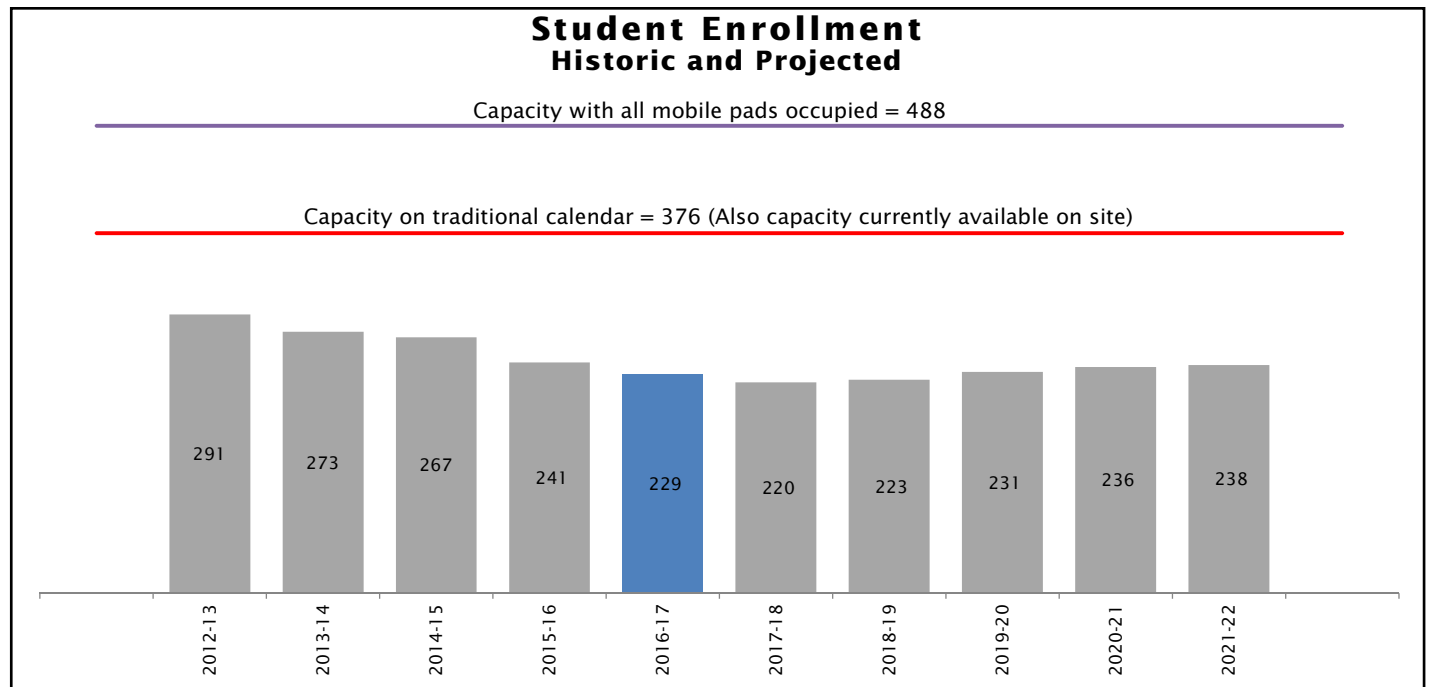
Funded by 1970 Bond
 Opened in 1972

Site Acreage: 10
 Facility Square Feet: 30,675
 Mobiles on Site: 0

Larkspur Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,210,200
Estimated Total Project Costs: \$1,392,710 - \$1,991,993



Following is the list of currently unfunded facility projects at Larkspur Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace area E roof with .060 EDPM fully adhered	\$28,700	\$2900-\$12400	\$1435-\$6170
	High	Interior Door Hardware. Needs-Replace door hardware	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Irrigation Systems. Needs-Replace irrigation system.	\$89,400	\$9000-\$38500	\$4470-\$19221
	Medium	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$67,000	\$6700-\$28900	\$3350-\$14405
Tier 2	High	Exterior Windows. Needs-Recalk windows	\$6,800	\$700-\$3000	\$340-\$1462
	High	Fabricated Toilet Partitions. Needs-Replace when flooring replaced	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Fixed Casework. Needs-Replace casework in original building	\$133,900	\$13400-\$57600	\$6695-\$28788
	High	Flooring Restroom. Needs-Replace ceramic tile with MMA	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Interior Doors. Needs-Replace interior doors	\$89,400	\$9000-\$38500	\$4470-\$19221
	High	Solid Exterior Doors. Needs-Repair, sand and paint exterior doors	\$4,600	\$500-\$2000	\$230-\$989
	High	Wash Fountains. Needs-Replace trough washing stations with sinks (2)	\$5,100	\$600-\$2200	\$255-\$1096
	High	Paving and Surfacing, Sidewalks. Needs-Repair/replace Sections of sidewalk, front entry asphalt.	\$13,500	\$1400-\$5900	\$675-\$2902
	Medium	Sinks. Needs-Replace 3 sinks in individual restrooms	\$1,400	\$200-\$700	\$70-\$301
	Medium	Exterior Wall Construction. Needs-Repair areas of metal siding	\$9,000	\$900-\$3900	\$450-\$1935
Tier 3	High	Column Foundations. Needs-Repair rusting columns at gym west side	\$6,800	\$700-\$3000	\$340-\$1462
	High	Fixed Walls. Needs-Refinish all fixed walls	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Interior Door Frames. Needs-Sand/paint door frames	\$20,100	\$2100-\$8700	\$1005-\$4321
	High	Perimeter Drainage and Insulation. Needs-Improve drainage at parking lot, mobile site, and northwest bus loop	\$37,500	\$3800-\$16200	\$1875-\$8062
	High	Suspended Ceilings. Needs-Replace grid ceiling and tile in original building	\$35,100	\$3600-\$15100	\$1755-\$7546
	High	Wall Foundations. Needs-Recalk foundation where concrete meets	\$5,000	\$500-\$2200	\$250-\$1075
	High	Fences and Gates. Needs-Repair/replace fencing where needed, wood and metal	\$6,800	\$700-\$3000	\$340-\$1462
	High	Interior Finishes. Needs-Replace sound panels in music room and gym	\$24,300	\$2500-\$10500	\$1215-\$5224
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$331,900	\$33200-\$142800	\$16595-\$71358
	Medium	Vinyl Coverings. Needs-Repair or replace vinyl coverings	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$1,210,200
 Estimated Project Management Costs Range: \$122,000 - \$521,600
 Estimated Inflation Range: \$60,510 - \$260,193

Estimated Total Project Costs: \$1,392,710 - \$1,991,993

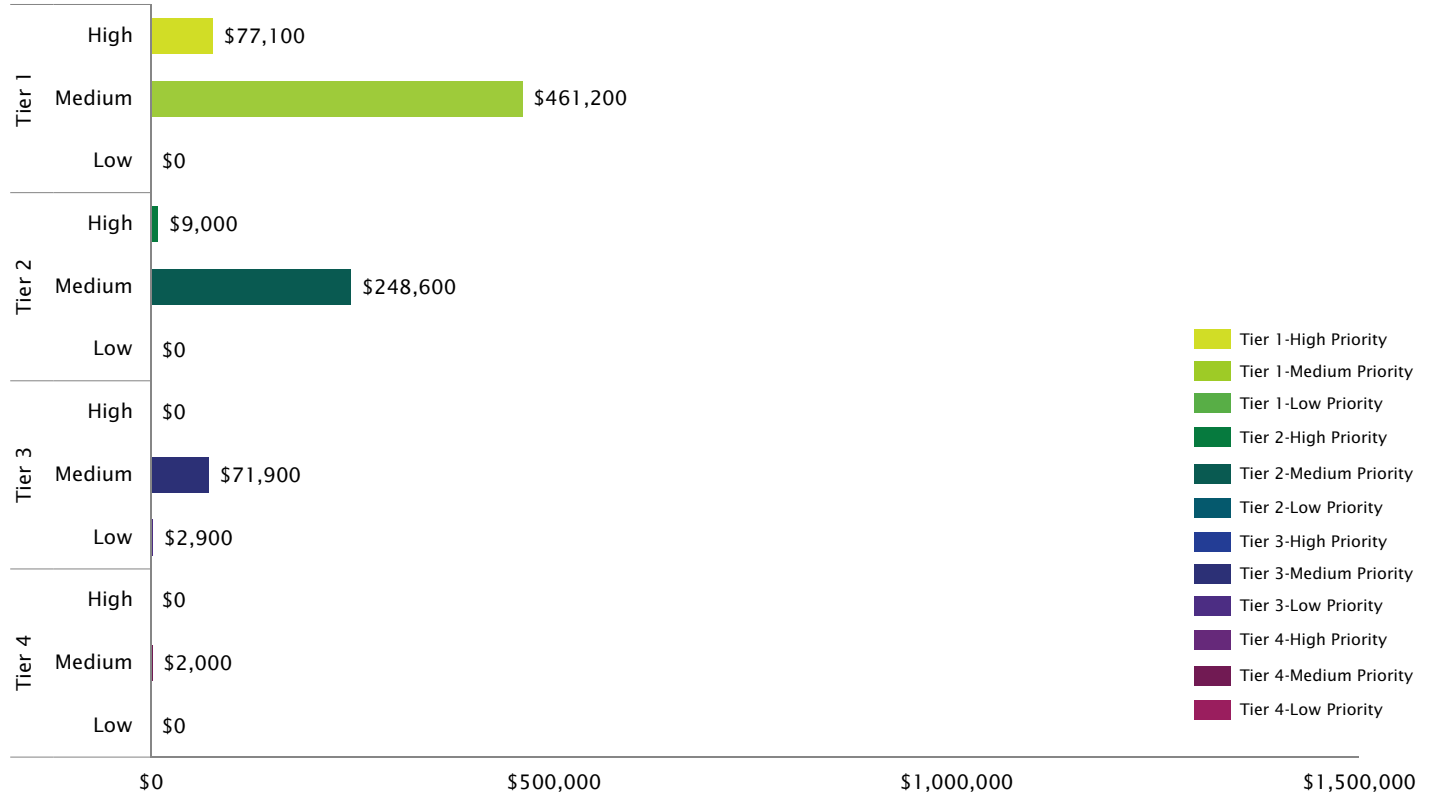
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

12736 South Red Rosa Circle
 Parker, CO 80134
 Ponderosa High School Feeder Area, K-5

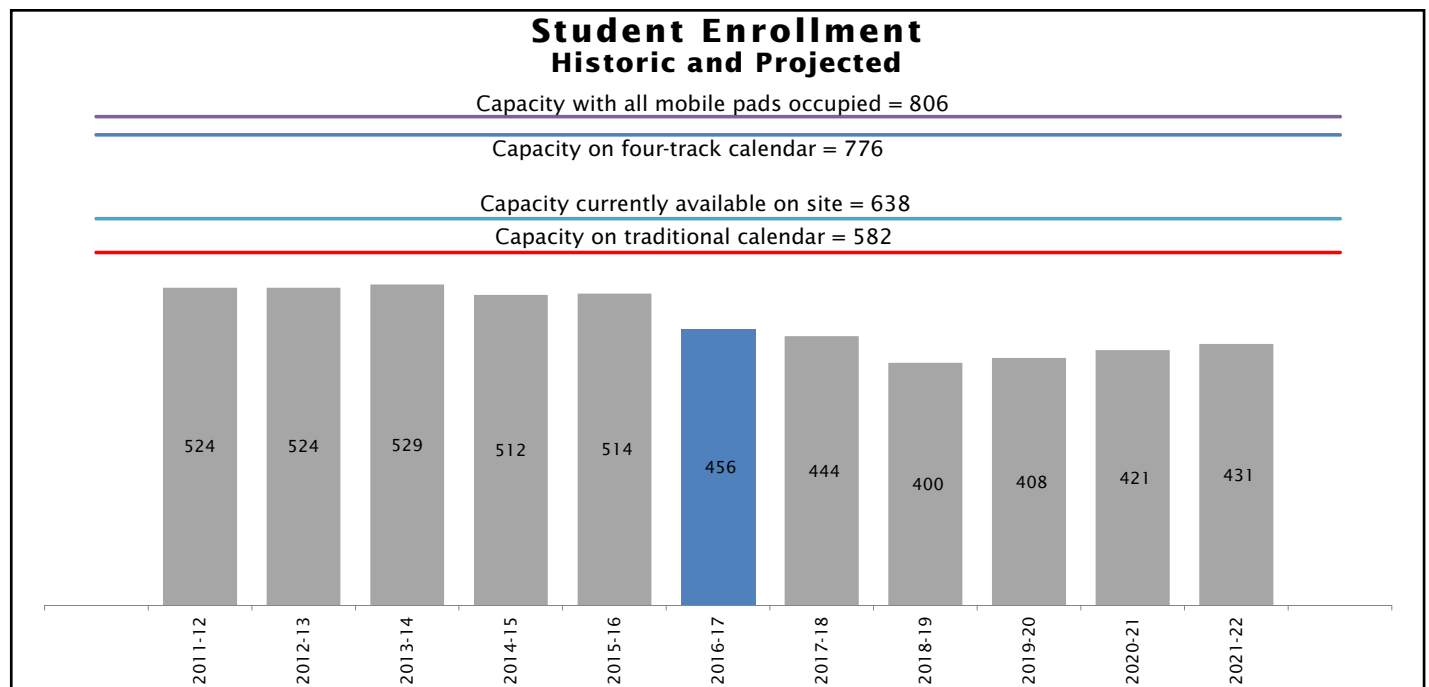
Funded by 2000 Bond
 Opened in 2003

Site Acreage: 10
 Facility Square Feet: 56,868
 Mobiles on Site: 1

Legacy Point Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$872,700
Estimated Total Project Costs: \$1,004,635 - \$1,436,431



Following is the list of currently unfunded facility projects at Legacy Point Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$77,100	\$7800-\$33200	\$3855-\$16576
	Medium	Controls. Needs-Replace Trane controls with Delta	\$441,000	\$44100-\$189700	\$22050-\$94815
	Medium	Passenger Elevators. Needs-Elevator has had problems since installation. Fix elevator deficiencies	\$20,200	\$2100-\$8700	\$1010-\$4343
Tier 2	High	Exterior Windows. Needs-Fix storefront window leakage	\$9,000	\$900-\$3900	\$450-\$1935
	Medium	Exterior Wall Construction. Needs-Recaulk building control joints, patch cracks, water seal CMU	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Exterior Windows. Needs-Recaulk windows	\$13,400	\$1400-\$5800	\$670-\$2881
	Medium	Flooring Restroom. Needs-Replace sheet vinyl with poured acrylic	\$28,400	\$2900-\$12300	\$1420-\$6106
	Medium	Paint Exterior. Needs-Paint exterior trim, windows and doors	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Sinks. Needs-Replace with sink countertops, single surface	\$12,200	\$1300-\$5300	\$610-\$2623
	Medium	Solid Exterior Doors. Needs-Recaulk door frames	\$900	\$100-\$400	\$45-\$193
	Medium	Stair, Tread and Landing Finishes. Needs-Replace stair tread, not wearing well with discoloration	\$7,400	\$800-\$3200	\$370-\$1591
	Medium	Flooring Carpet. Needs-Replace walk off carpet at entries	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$72,900	\$7300-\$31400	\$3645-\$15673
	Medium	Paving and Surfacing. Sidewalks. Needs-Repair/replace damage to sidewalks due to ground movement	\$16,300	\$1700-\$7100	\$815-\$3504
Tier 3	Medium	Wall Foundations. Needs-Recaulk areas where concrete meets foundation walls	\$3,000	\$300-\$1300	\$150-\$645
	Medium	Blinds and Other Window Treatment. Needs-Replace blinds in conference room at front entry	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$64,800	\$6500-\$27900	\$3240-\$13932
Tier 4	Low	Vinyl Covering. Needs-Repair areas of vinyl wall covering	\$2,900	\$300-\$1300	\$145-\$623
	Medium	Other Landscape Features. Needs-Place bollards in front of conference room at front entry	\$2,000	\$200-\$900	\$100-\$430

Estimated Total Construction Costs (in 2017 Dollars): \$872,700
 Estimated Project Management Costs Range: \$88,300 - \$376,100
 Estimated Inflation Range: \$43,635 - \$187,631

Estimated Total Project Costs: \$1,004,635 - \$1,436,431

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



22219 Hilltop Road
Parker, CO 80134
Legend High School Feeder Area, 9-12

Funded by 2003 Bond
Opened in 2008

Site Acreage: 45
Facility Square Feet: 256,865
Mobiles on Site: 5

Legend High School-Identified Facility Projects

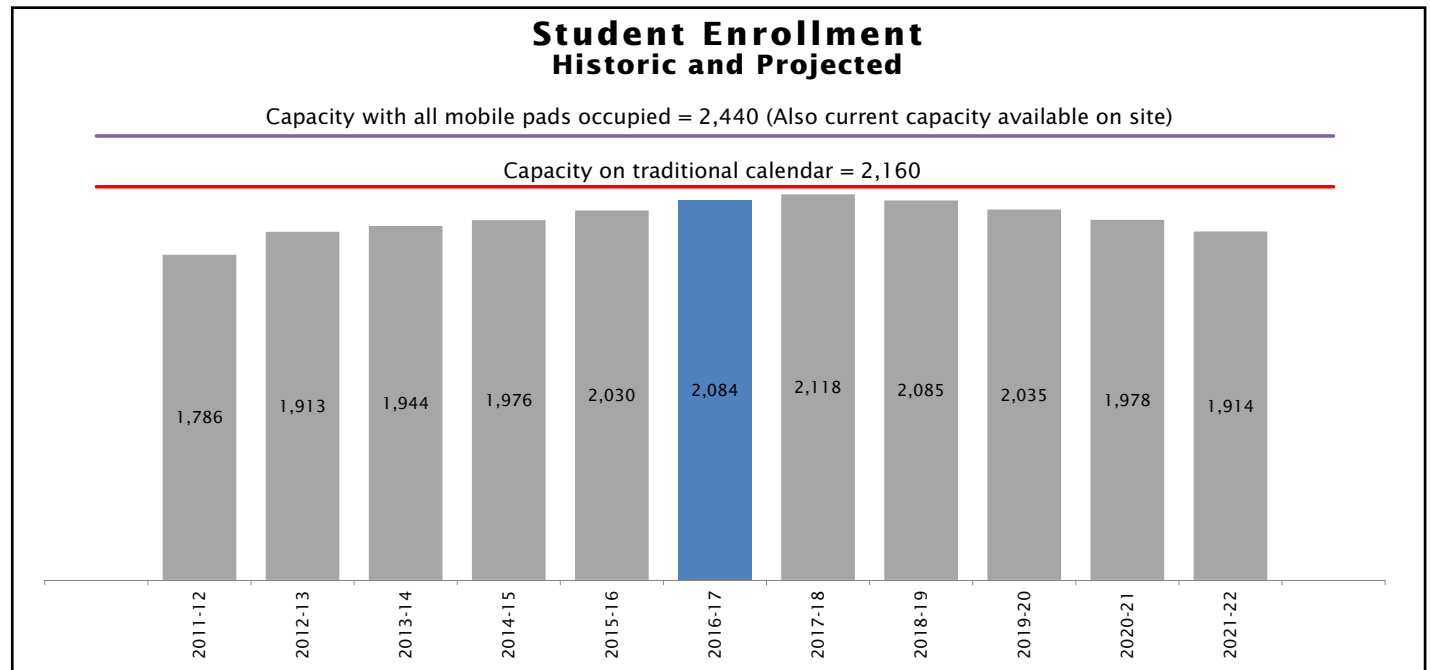
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Student Enrollment Historic and Projected

Capacity with all mobile pads occupied = 2,440 (Also current capacity available on site)

Capacity on traditional calendar = 2,160



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	
		<i>No capital projects identified at this time. All security and technology related capital has been summarized in the security and technology pages.</i>				

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

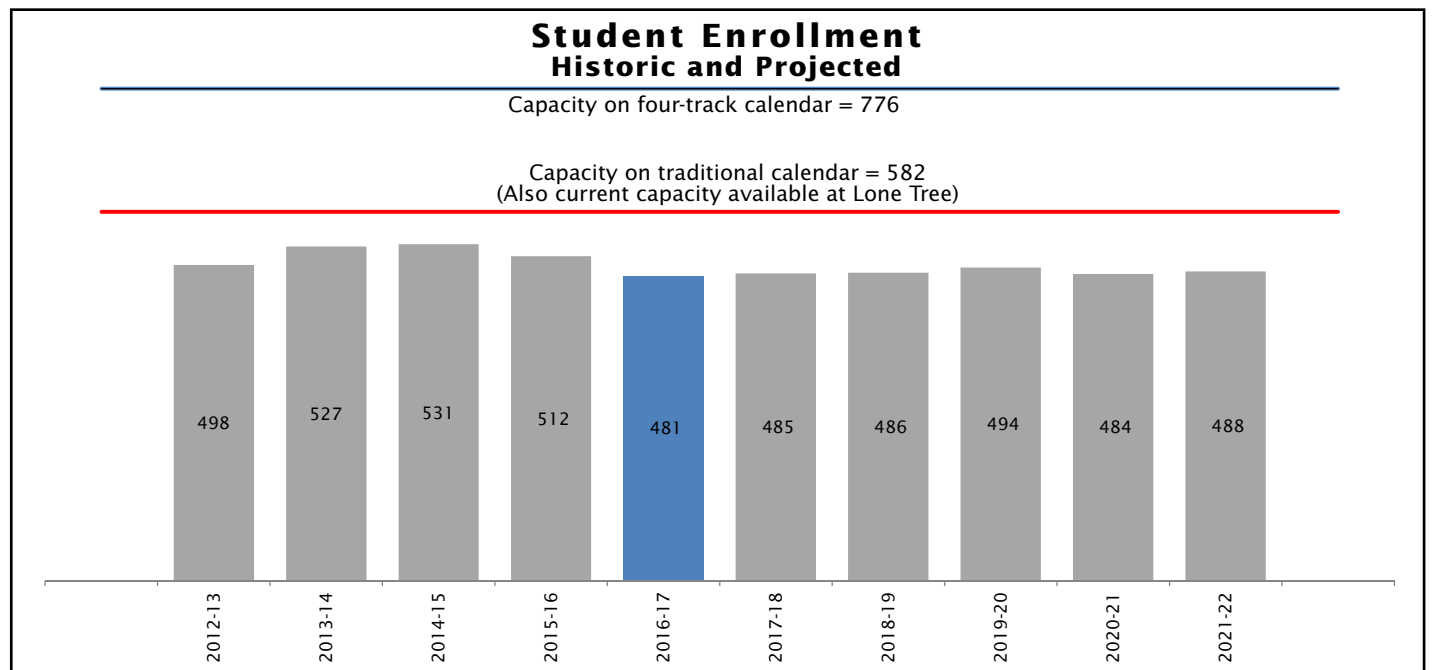
9375 Heritage Hills Circle
 Lone Tree, CO 80124
 Highlands Ranch High School Feeder Area, K-6

Funded by Certificate of Participation
 Opened in 2007

Site Acreage: 9.7
 Facility Square Feet: 57,509
 Mobiles on Site: 0

Lone Tree Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
		<i>No capital projects identified at this time. All security and technology related capital has been summarized in the security and technology pages.</i>			

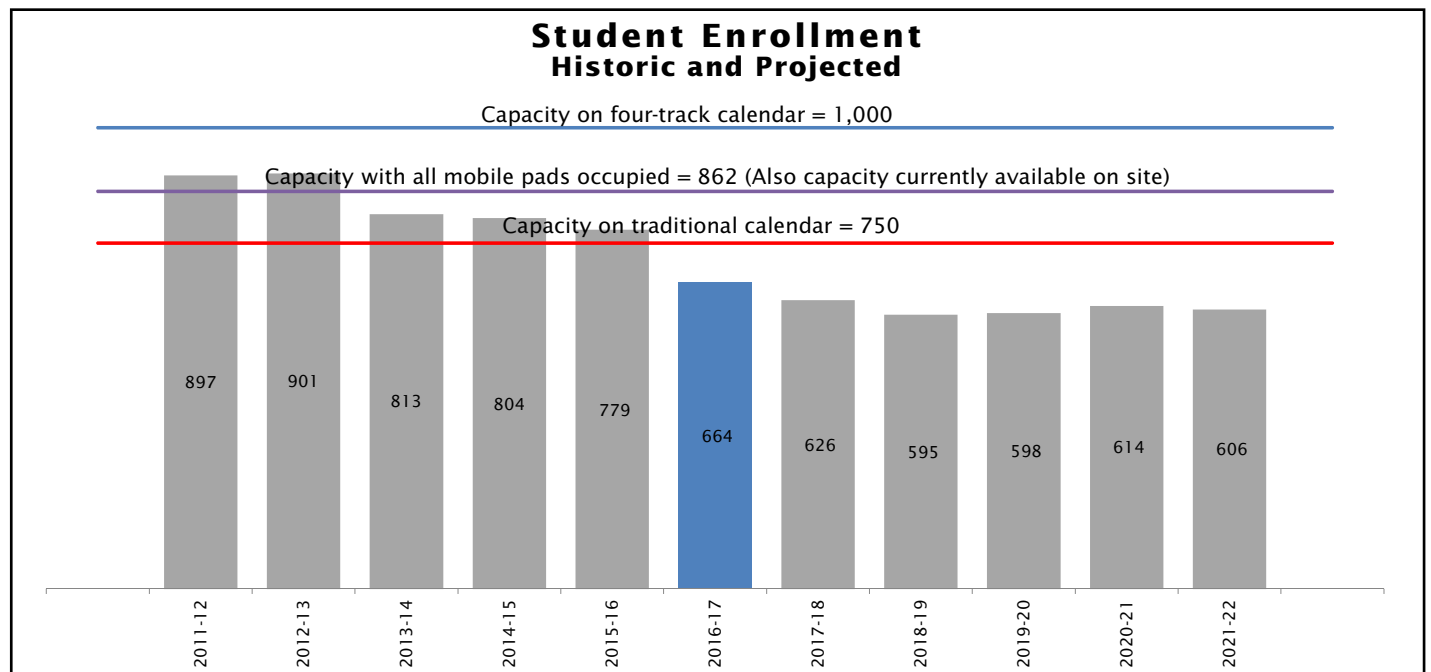
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

9500 Stonegate Parkway
Parker, CO 80134
Chaparral High School Feeder Area, K-6

Funded by 2006 Bond
Opened in 2007

Site Acreage: 10
Facility Square Feet: 73,146
Mobiles on Site: 2

Mammoth Heights Elementary-Identified Facility Projects
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs

No capital projects identified at this time. All security and technology related capital has been summarized in the security and technology pages.

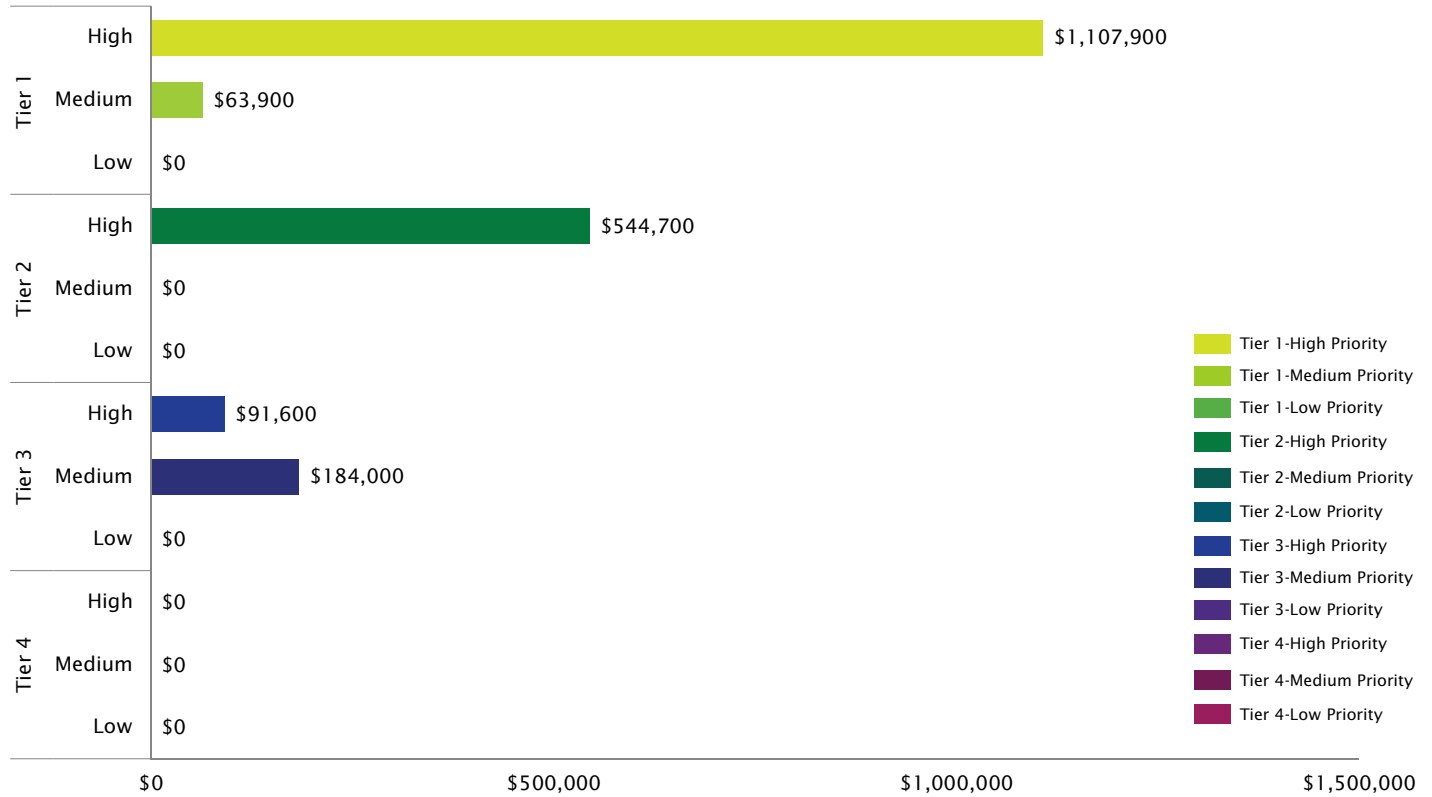
Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.

3700 Butterfield Crossing
 Castle Rock, CO 80109
 Castle View High School Feeder Area, K-6

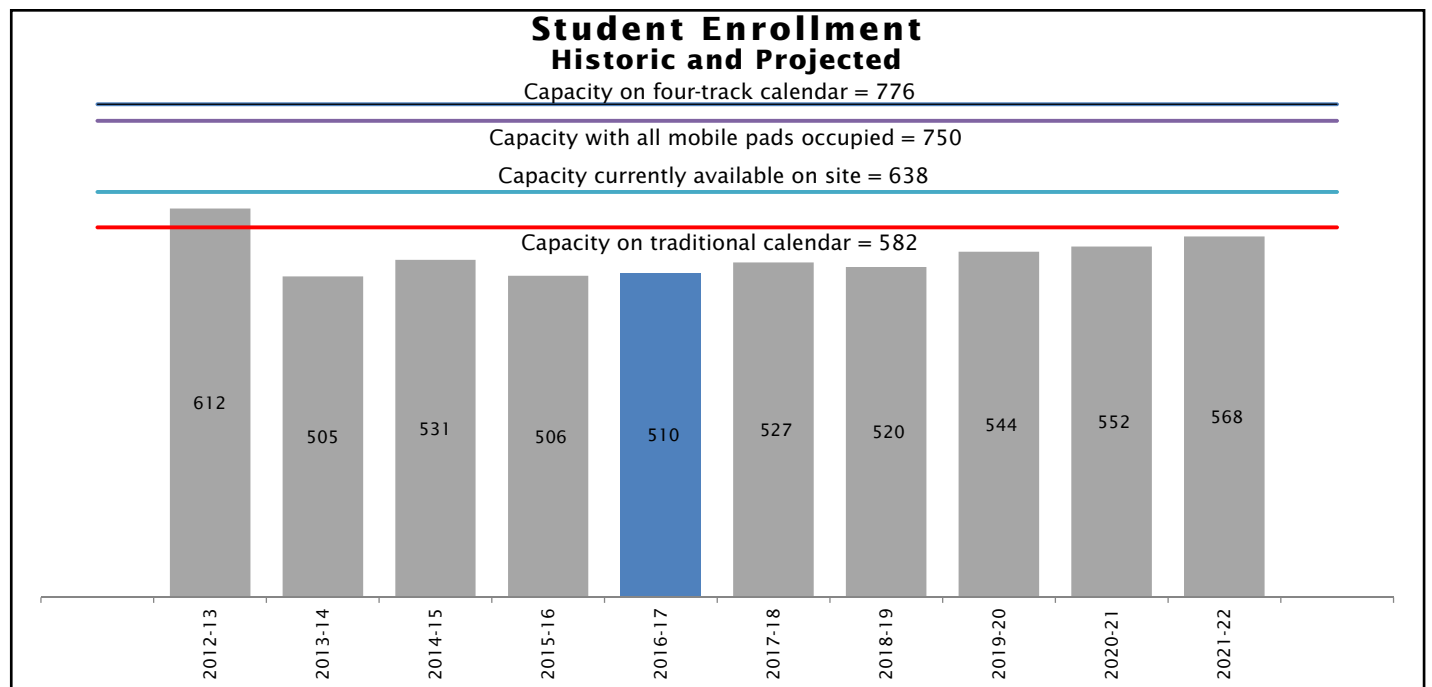
Funded by 1997 Bond
 Opened in 2000

Site Acreage: 15
 Facility Square Feet: 51,668
 Mobiles on Site: 1

Meadow View Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,992,100
Estimated Total Project Costs: \$2,291,905 - \$3,278,002



Following is the list of currently unfunded facility projects at Meadow View Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Roof Finishes. Needs-Replace .045 mil EDPM ballasted roof with .060 fully adhered	\$584,400	\$58500-\$251300	\$29220-\$125646
	High	Controls- Needs-Upgrade controllers. Count 72	\$191,300	\$19200-\$82300	\$9565-\$41129
	High	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Replace generator	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Clock and Program Systems. Needs-Replace Simplex clock system	\$16,100	\$1700-\$7000	\$805-\$3461
	High	Door Hardware. Needs-Levers reaching end of life cycle. Replace levers. Replace non-restricted key system with restricted	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Chilled Water Systems. Chiller, cooling tower. Needs-Replace cooling tower	\$50,000	\$5000-\$21500	\$2500-\$10750
	High	Irrigation Systems. Needs-Upgrade irrigation controller	\$14,800	\$1500-\$6400	\$740-\$3182
	Medium	Local Area Networks. ITS/Head End Equipment. Needs-Expanded or new MDF closet (minimum 10'X10')	\$63,900	\$6400-\$27500	\$3195-\$13738
Tier 2	High	Basement Excavation. Needs-Moisture in basement	\$0	\$0-\$0	\$0-\$0
	High	Exterior Wall Construction. CMU. Needs- Re-seal CMU. Repair stress cracks from settling. Re-caulk all joints.	\$15,000	\$1500-\$6500	\$750-\$3225
	High	Exterior Wall Construction. Needs-Recaulk control joints, repair grout	\$6,300	\$700-\$2800	\$315-\$1354
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Fabricated Toilet Partitions. Needs-Replace toilet partitions in 4 boys and 4 girls restrooms	\$28,200	\$2900-\$12200	\$1410-\$6063
	High	Retractable Partition. Needs-Replace operable partition at gym	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Curbs, Rails and Barriers. Needs-Replace curb with snow curb	\$73,900	\$7400-\$31800	\$3695-\$15888
	High	Paving \$ Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$78,800	\$7900-\$33900	\$3940-\$16942
	High	Paving \$ Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$49,200	\$5000-\$21200	\$2460-\$10578
	High	Paving and Surfacing. Parking Lot. Needs- Resurface parking lot	\$147,700	\$14800-\$63600	\$7385-\$31755
	High	Playing Fields. Playground. Needs-Replace playground asphalt playpad	\$88,600	\$8900-\$38100	\$4430-\$19049
	High	Window Storefronts. Needs-Repair water infiltration at storefront entrances	\$10,000	\$1000-\$4300	\$500-\$2150
Tier 3	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$88,600	\$8900-\$38100	\$4430-\$19049
	Medium	Fences and Gates. Needs-Replace dumpster enclosure with new enclosure, repair site fencing and backstop	\$147,700	\$14800-\$63600	\$7385-\$31755
	Medium	Retaining Walls. Needs-Minor repairs on retaining wall	\$5,000	\$500-\$2200	\$250-\$1075
	Medium	Vinyl Coverings. Needs-Replace vinyl in hallways, storefront entries poor due to water infiltration	\$26,300	\$2700-\$11400	\$1315-\$5654
	Medium	Vinyl Coverings. Needs-Repair in multiple locations	\$5,000	\$500-\$2200	\$250-\$1075

Estimated Total Construction Costs (in 2017 Dollars): \$1,992,100
 Estimated Project Management Costs Range: \$200,200 - \$857,600
 Estimated Inflation Range: \$99,605 - \$428,302

Estimated Total Project Costs: \$2,291,905 - \$3,278,002

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

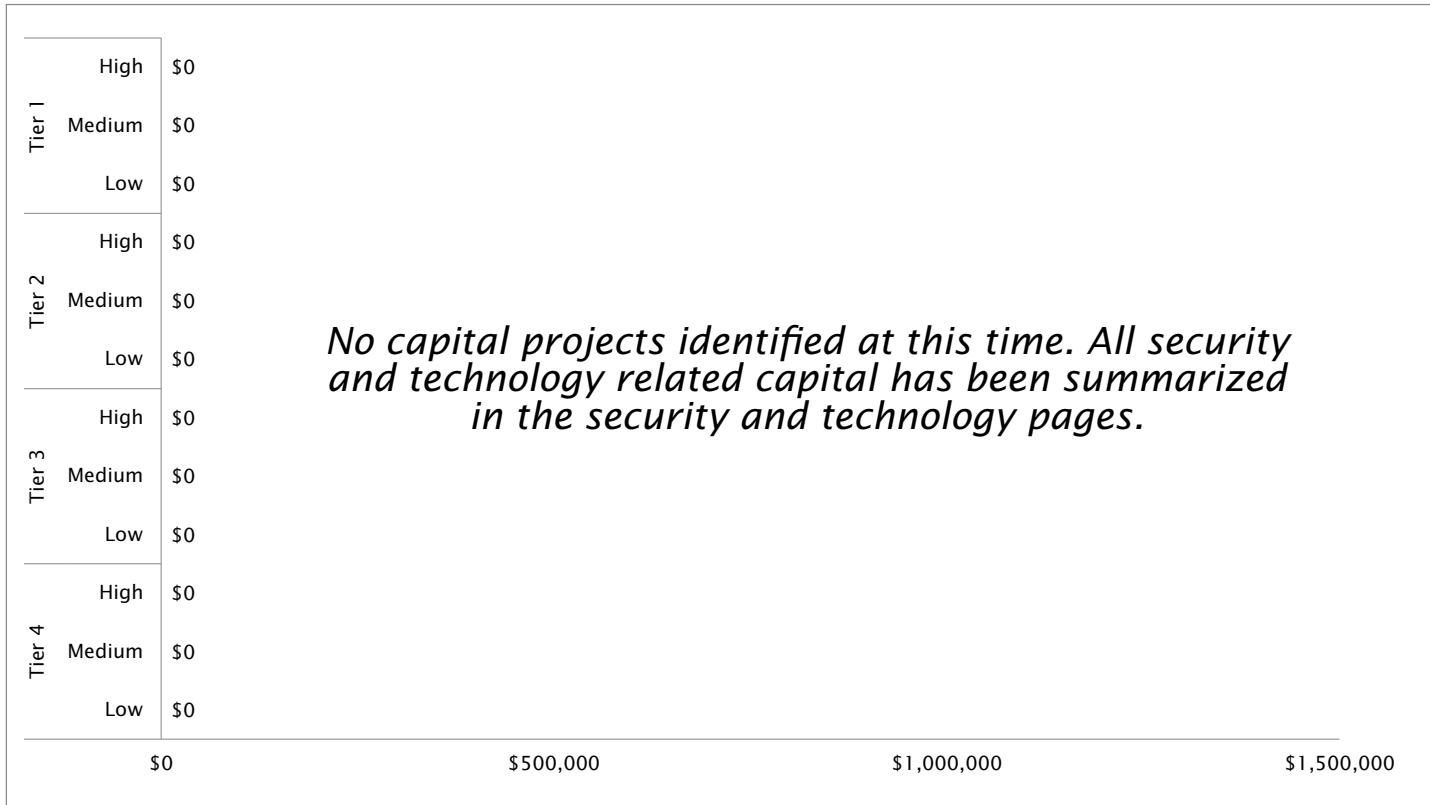
365 Mitchell Street
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, 7-8

Funded by 2003 Bond
 Opened in 2008

Site Acreage: 22
 Facility Square Feet: 132,414
 Mobiles on Site: 0

Mesa Middle School-Identified Facility Projects

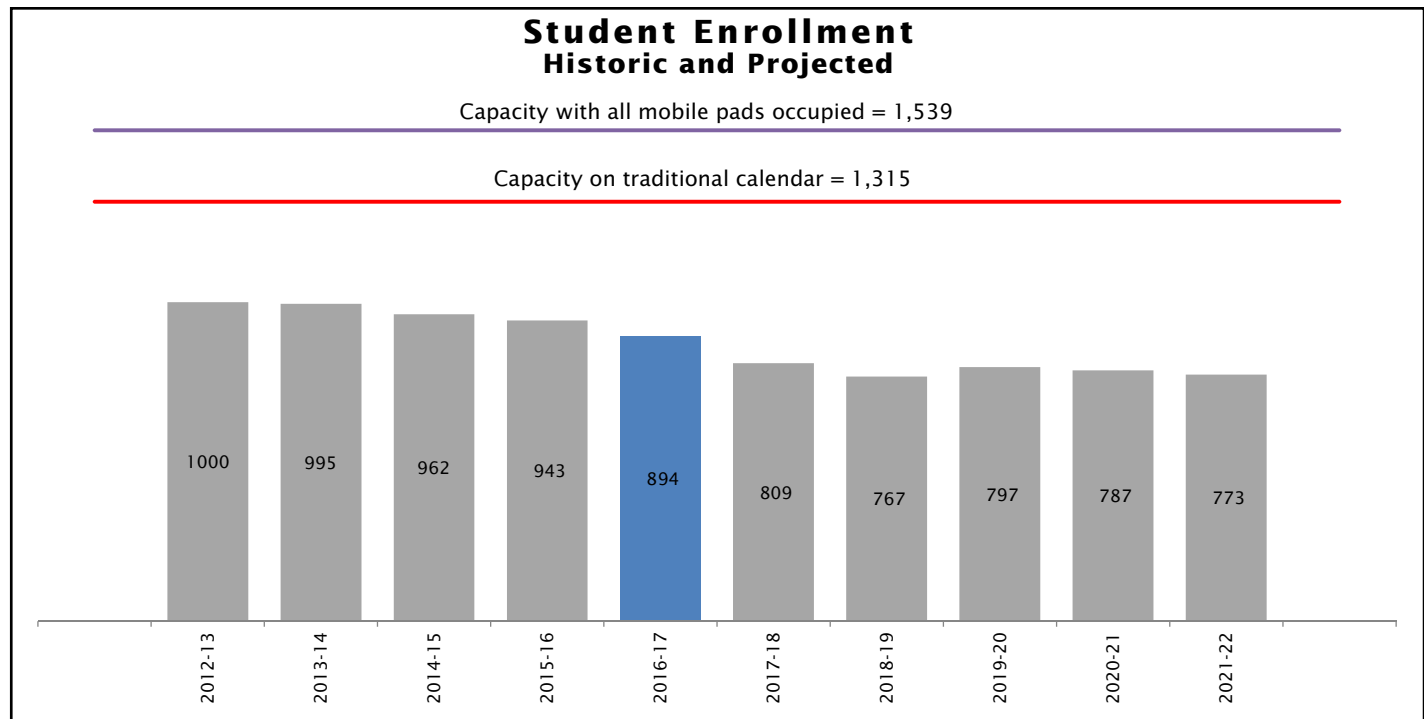
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Student Enrollment Historic and Projected

Capacity with all mobile pads occupied = 1,539

Capacity on traditional calendar = 1,315



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs

No capital projects identified at this time. All security and technology related capital has been summarized in the security and technology pages.

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.



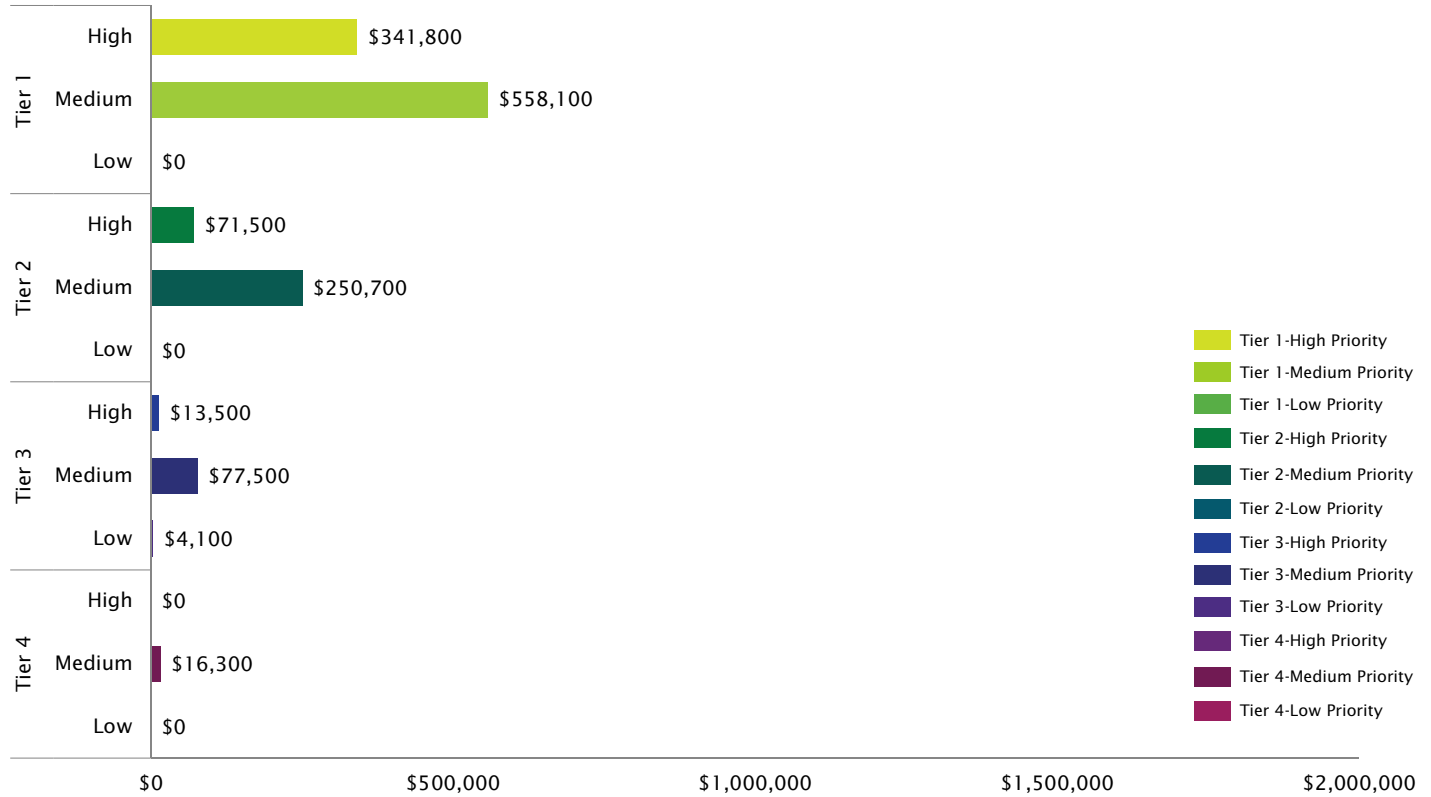
Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

10590 Mountain Vista Ridge
Highlands Ranch, CO 80126
Mountain Vista High School Feeder Area, 7-8

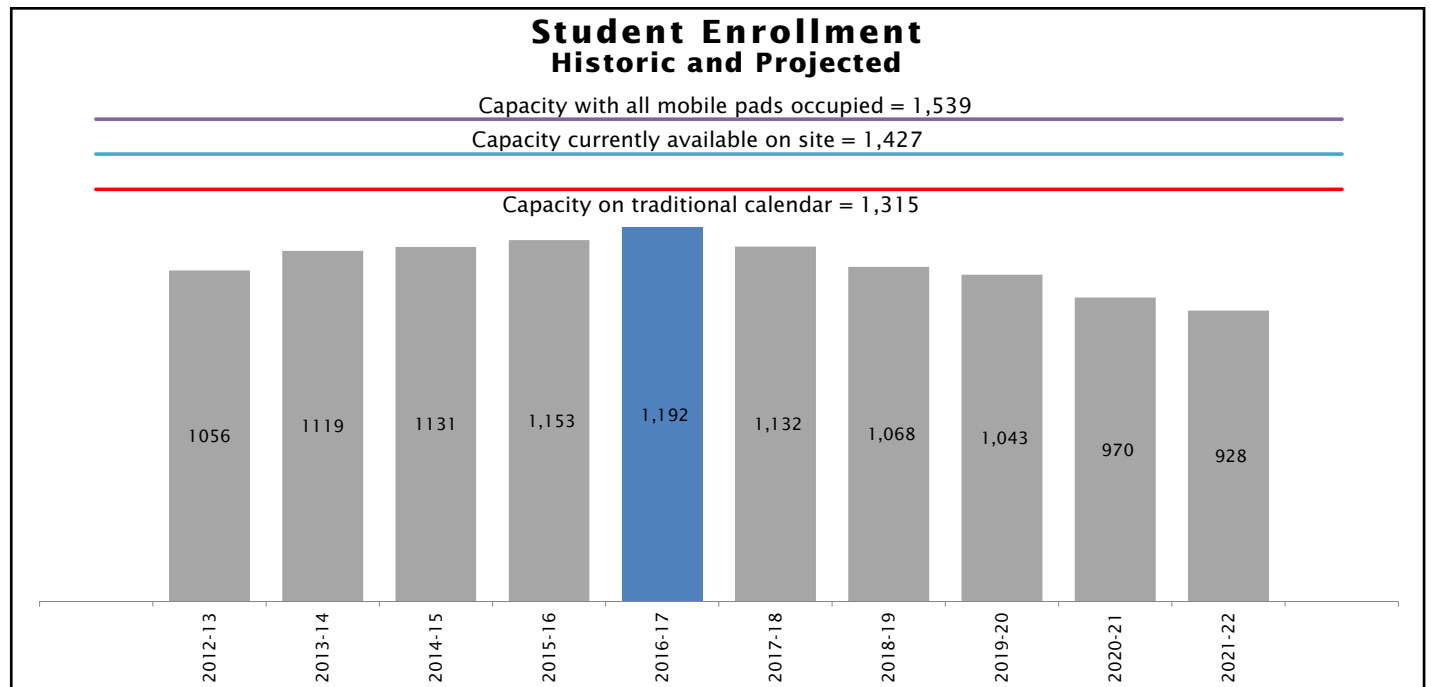
Funded by 2000 Bond
Opened in 2003

Site Acreage: 31.7
Facility Square Feet: 136,760
Mobiles on Site: 2

Mountain Ridge Middle School-Identified Facility Projects Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,333,500
Estimated Total Project Costs: \$1,534,675 - \$2,194,603



Following is the list of currently unfunded facility projects at Mountain Ridge Middle School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$341,800	\$34200-\$147000	\$17090-\$73487
	Medium	Controls. Needs-Replace Trane control system	\$550,000	\$55000-\$236500	\$27500-\$118250
	Medium	Fixed Multiple Seating. Bleachers. Needs-Repair bleachers in gym	\$6,100	\$700-\$2700	\$305-\$1311
	Medium	Chilled Water Systems. Needs-Clean cooling tower	\$2,000	\$200-\$900	\$100-\$430
Tier 2	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Exterior Wall Construction. Needs-Recalk building control joints, repair crack in gym wall	\$4,700	\$500-\$2100	\$235-\$1010
	Medium	Flooring Gym. Needs-Sand and refinish gym floor	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Exterior Windows. Needs-Recalk windows	\$22,800	\$2300-\$9900	\$1140-\$4902
	Medium	Fabricated Toilet Partitions. Needs-Replace toilet partitions in all restrooms	\$60,800	\$6100-\$26200	\$3040-\$13072
	Medium	Flooring Restroom. Needs-Replace sheet vinyl with poured acrylic	\$48,700	\$4900-\$21000	\$2435-\$10470
	Medium	Paint Exterior. Needs-Paint exterior trim and doors	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Retractable Partition. Needs-Repair operable partitions in pods. One between SPED rooms in poor shape	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Sink Countertops. Needs-Replace sink countertops in all restrooms with single surface	\$36,400	\$3700-\$15700	\$1820-\$7826
	Medium	Sinks. Needs-Replace with sink countertops, single surface	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Solid Exterior Doors. Needs-Recalk door frames	\$900	\$100-\$400	\$45-\$193
	Medium	Flooring Cafeteria. Needs-Replace VCT	\$11,600	\$1200-\$5000	\$580-\$2494
	Medium	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$4,100	\$500-\$1800	\$205-\$881
	Tier 3	High	Upper Floor. Needs-Repair prestress concrete tees at cafeteria/commons, separating causing cracks in floor and VCT damage	\$13,500	\$1400-\$5900
Medium		Wall Foundations. Needs-Recalk areas where concrete meets foundation walls	\$4,600	\$500-\$2000	\$230-\$989
Medium		Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$64,800	\$6500-\$27900	\$3240-\$13932
Medium		Upper floor. Needs-Some movement occurring south of commons expansion joint. Carpet splitting, wall joint seperation	\$8,100	\$900-\$3500	\$405-\$1741
Tier 4	Low	Vinyl Covering. Needs-Repair areas of vinyl wall covering	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Other Landscape Features. Needs-Renovate areas of landscaping around school. Many patches of bare ground	\$16,300	\$1700-\$7100	\$815-\$3504

Estimated Total Construction Costs (in 2017 Dollars): \$1,333,500
 Estimated Project Management Costs Range: \$134,500 - \$574,400
 Estimated Inflation Range: \$66,675 - \$286,703

Estimated Total Project Costs: \$1,534,675 - \$2,194,603

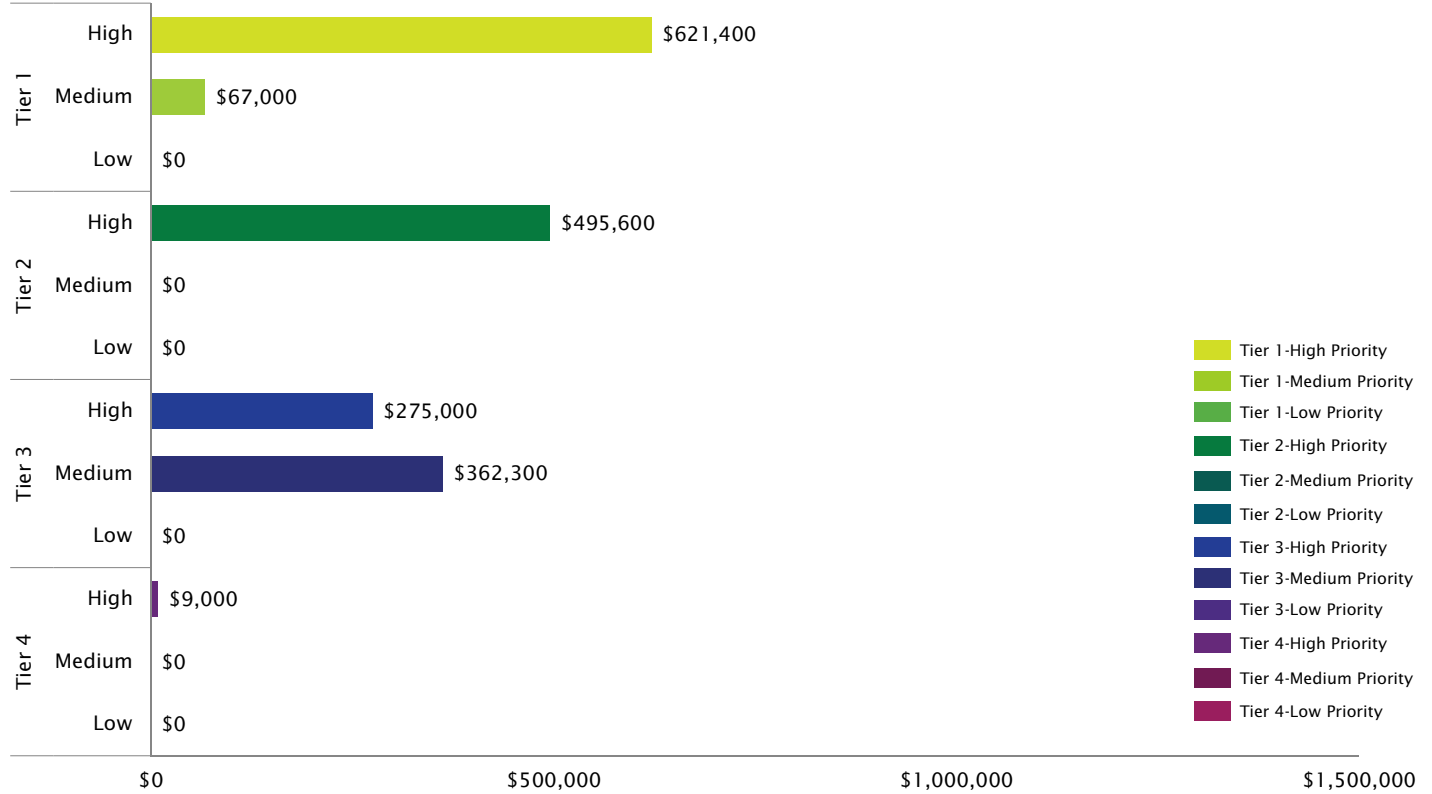
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

8502 East Pinery Parkway
 Parker, CO 80134
 Ponderosa High School Feeder Area, K-2

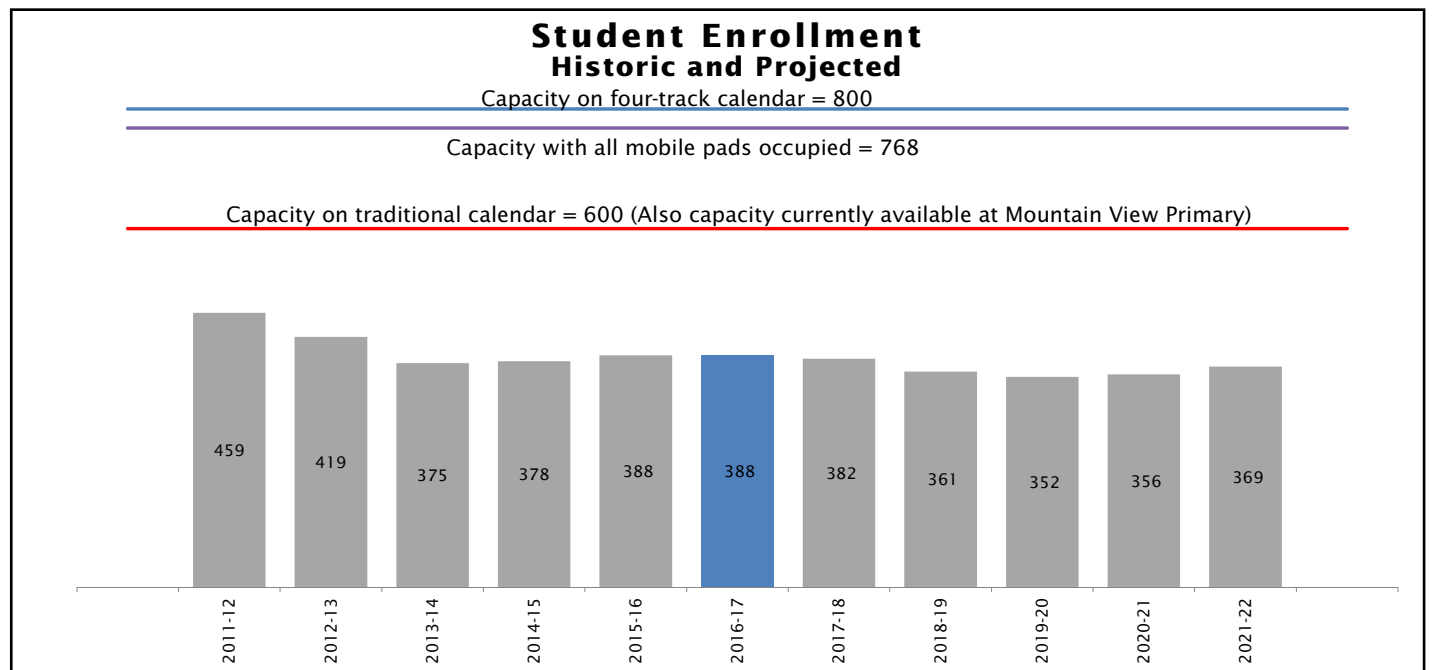
Funded by 1978 Bond
 Opened in 1980

Site Acreage: 10
 Facility Square Feet: 48,638
 Mobiles on Site: 0

Mountain View Primary School-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,830,300
Estimated Total Project Costs: \$2,105,815 - \$3,012,015



Following is the list of currently unfunded facility projects at Mountain View Primary School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$84,500	\$8500-\$36400	\$4225-\$18167
	High	Controls. Needs-Upgrade control system	\$170,100	\$17100-\$73200	\$8505-\$36571
	High	Direct Expansion Systems. Needs-Replace Rooftop Units	\$308,700	\$30900-\$132800	\$15435-\$66370
	High	Roof Finishes. Needs-Silver coat parapet walls	\$9,000	\$900-\$3900	\$450-\$1935
	High	Irrigation Systems. Needs-Upgrade entire system to district standard.	\$49,100	\$5000-\$21200	\$2455-\$10556
	Medium	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$67,000	\$6700-\$28900	\$3350-\$14405
Tier 2	High	Window Storefronts. Needs-Repair/replace, sand/paint entry/classroom storefronts	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Exterior Windows. Needs-Recalk windows, repair a couple rusting through, kitchen and teachers lounge	\$15,300	\$1600-\$6600	\$765-\$3289
	High	Fabricated Toilet Partitions. Needs-Replace when flooring replaced	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Fixed Casework. Needs-Replace older casework	\$133,900	\$13400-\$57600	\$6695-\$28788
	High	Flooring Restroom. Needs-Replace ceramic tile with MMA	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Retractable Partitions. Needs-Refurbish or replace classroom partitions	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Solid Exterior Doors. Needs-Sand/paint exterior doors	\$4,600	\$500-\$2000	\$230-\$989
	High	Wash Fountains. Needs-Replace trough washing stations with sinks (6)	\$15,300	\$1600-\$6600	\$765-\$3289
	High	Curbs, Rails and Barriers. Needs-Repair/replace areas of curb. Install new curb and gutter at parking lot for better drainage. Move trash container area	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Flooring Hallways/Classrooms. Needs-Refinish stage floor	\$4,600	\$500-\$2000	\$230-\$989
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$53,600	\$5400-\$23100	\$2680-\$11524
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk. Widen side walk at service entry area. Install drainage chase under sidewalk outside gym entry	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Playing Fields. Playground. Needs-Replace asphalt playground	\$17,900	\$1800-\$7700	\$895-\$3848
Tier 3	High	Exterior Wall Construction. Needs-Seal and repair CMU. Stress cracks same as other schools. Lack of control joints	\$7,200	\$800-\$3100	\$360-\$1548
	High	Playing Fields. Multi-use Field. Needs-Install new synthetic turf for multi-use field	\$267,800	\$26800-\$115200	\$13390-\$57577
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$357,000	\$35700-\$153600	\$17850-\$76755
	Medium	Vinyl Coverings. Needs-Repair/replace vinyl wall coverings	\$5,300	\$600-\$2300	\$265-\$1139
Tier 4	High	Seeding and Sodding. Needs-Renovate grass area around school.	\$9,000	\$900-\$3900	\$450-\$1935

Estimated Total Construction Costs (in 2017 Dollars): \$1,830,300
 Estimated Project Management Costs Range: \$184,000 - \$788,200
 Estimated Inflation Range: \$91,515 - \$393,515

Estimated Total Project Costs: \$2,105,815 - \$3,012,015

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



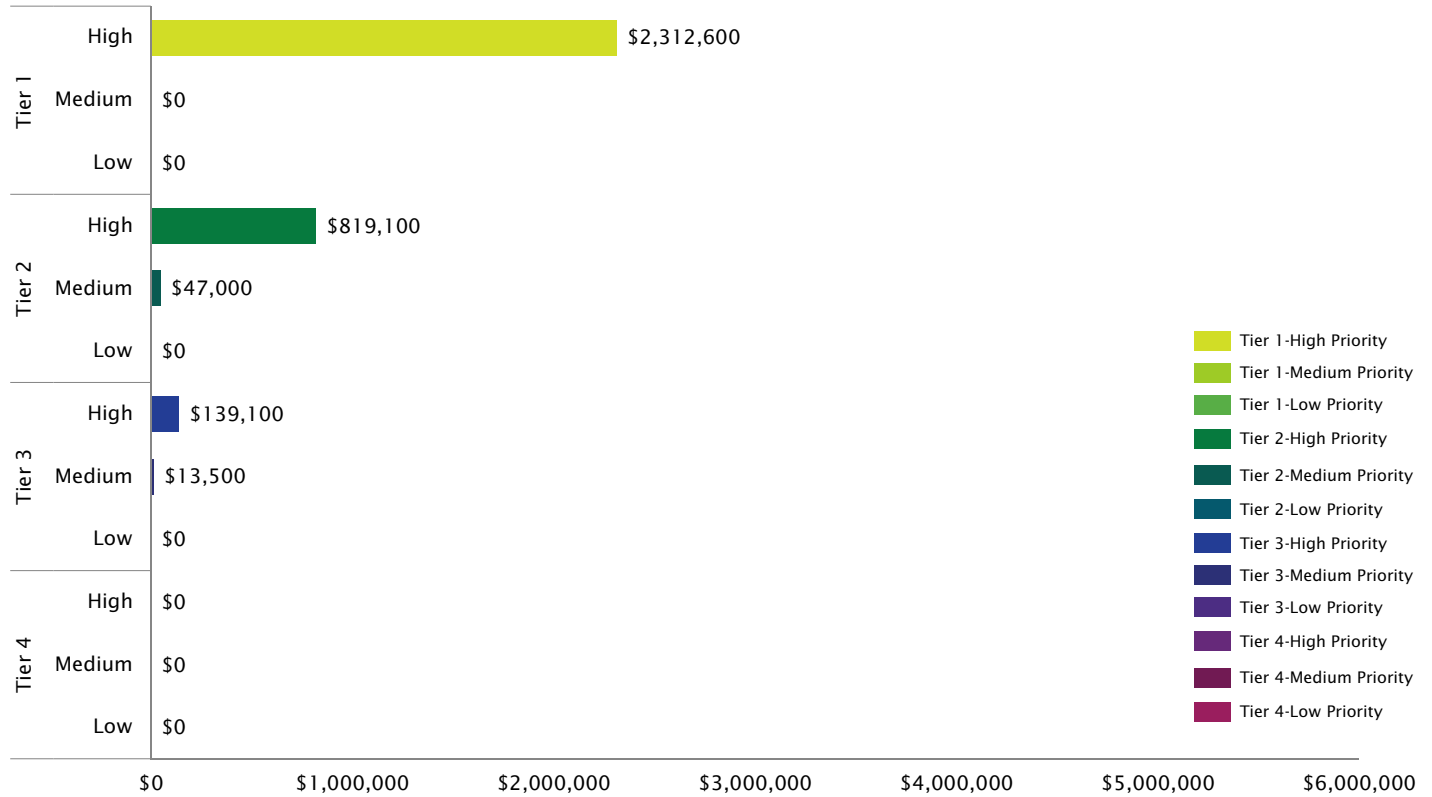
Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

10585 Mountain Vista Ridge
Highlands Ranch, CO 80126
Mountain Vista High School Feeder Area, 9-12

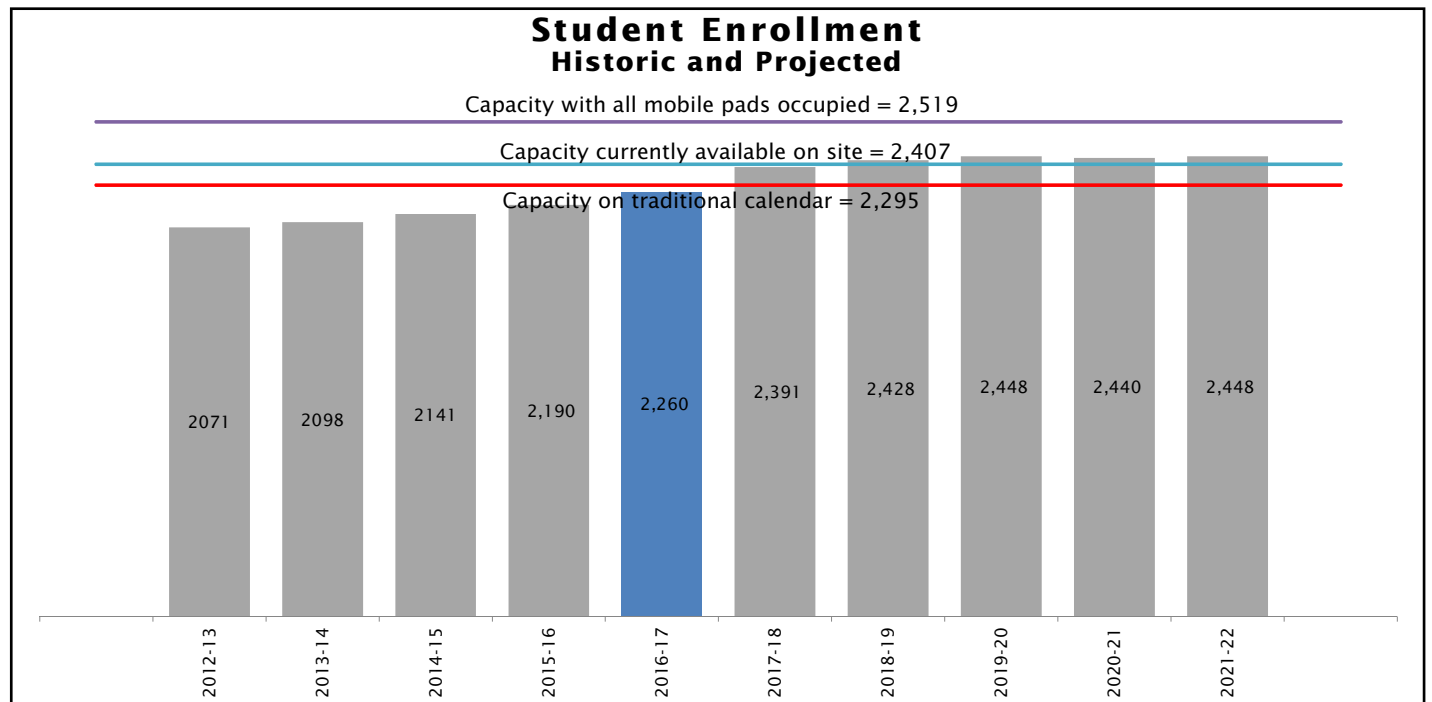
Funded by 1997 Bond
Opened in 2001

Site Acreage: 93.2
Facility Square Feet: 241,604
Mobiles on Site: 2

Mountain Vista High School-Identified Facility Projects Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$3,331,300
Estimated Total Project Costs: \$3,831,565 - \$5,480,830



Following is the list of currently unfunded facility projects at Mountain Vista High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered. Roof over office and 200 pod leaks often. Does not include F-pod	\$1,543,500	\$154400-\$663800	\$77175-\$331852
	High	Controls. Needs-Upgrade control system	\$340,100	\$34100-\$146300	\$17005-\$73121
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$420,000	\$42000-\$180600	\$21000-\$90300
	High	Paint Exterior. Needs-Paint metal roof	\$9,000	\$900-\$3900	\$450-\$1935
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints. Seal masonry CMU	\$55,600	\$5600-\$24000	\$2780-\$11954
	High	Window Curtain Walls. Needs-Recaulk/reglaze curtain wall windows	\$35,800	\$3600-\$15400	\$1790-\$7697
	High	Exterior Windows. Needs-Recaulk windows	\$67,900	\$6800-\$29200	\$3395-\$14598
	High	Fabricated Toilet Partitions. Needs-Repair toilet partitions as necessary	\$9,000	\$900-\$3900	\$450-\$1935
	High	Solid Exterior Doors. Needs-Paint exterior doors (8) total	\$700	\$100-\$400	\$35-\$150
	High	Exterior Wall Construction. Needs-Repair cracks in CMU east wall on new wing northern area	\$2,700	\$300-\$1200	\$135-\$580
	High	Flooring Kitchen. Needs-Mountain Vista High School the flooring in the kitchen needs redone the cooks have slipped and fell several times this year.	\$53,600	\$5400-\$23100	\$2680-\$11524
	High	Flooring Restroom. Needs-Repair crack upper level main hall women's and men's restroom	\$4,600	\$500-\$2000	\$230-\$989
	High	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$9,000	\$900-\$3900	\$450-\$1935
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$580,200	\$58100-\$249500	\$29010-\$124743
	Medium	Site Improvements. Needs-Add additional parking and new roadways for traffic flow	\$47,000	\$4700-\$20300	\$2350-\$10105
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$32,000	\$3200-\$13800	\$1600-\$6880
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use playing field	\$107,100	\$10800-\$46100	\$5355-\$23026
	Medium	Vinyl Coverings. Needs-Repair/replace areas of vinyl	\$13,500	\$1400-\$5900	\$675-\$2902

Estimated Total Construction Costs (in 2017 Dollars): \$3,331,300
 Estimated Project Management Costs Range: \$333,700 - \$1,433,300
 Estimated Inflation Range: \$166,565 - \$716,230

Estimated Total Project Costs: \$3,831,565 - \$5,480,830

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

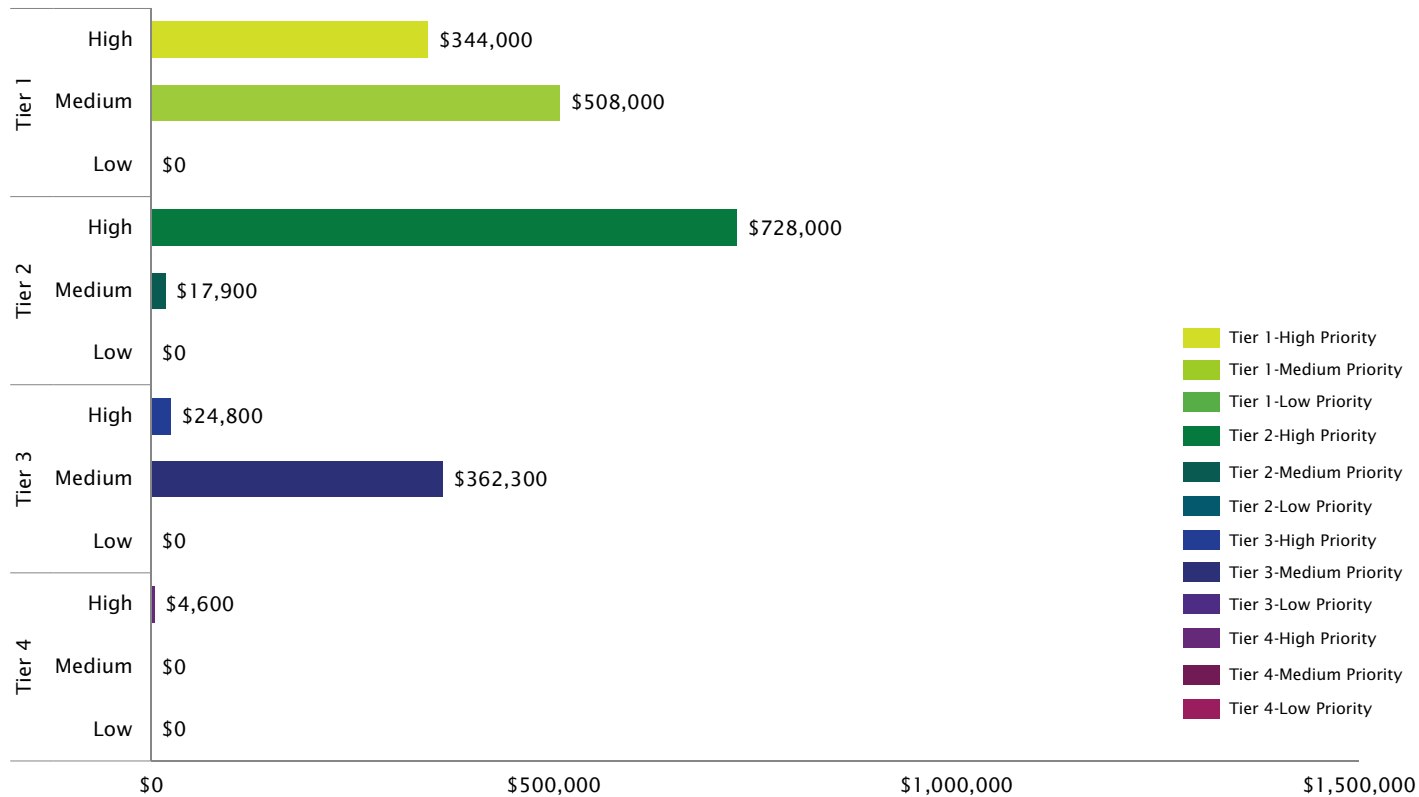
6598 North State Highway 83
 Parker, CO 80134
 Ponderosa High School Feeder Area, 3-5

Funded by 1960 Bond
 Opened in 1966

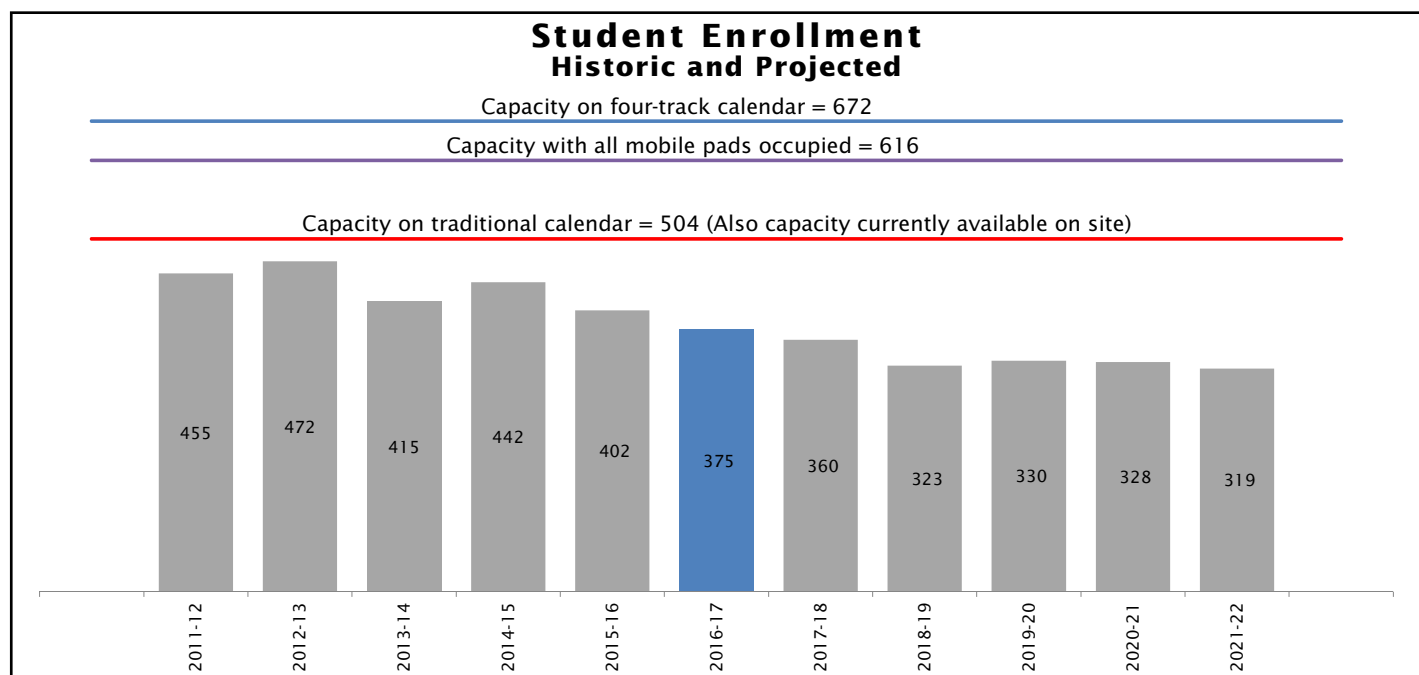
Site Acreage: 15
 Facility Square Feet: 47,660
 Mobiles on Site: 0

Northeast Intermediate School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,989,600
Estimated Total Project Costs: \$2,288,980 - \$3,274,064



Following is the list of currently unfunded facility projects at Northeast Intermediate School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace 60mil ballasted roof over 1991 addition (front entry,gym and band rooms)	\$110,300	\$11100-\$47500	\$5515-\$23714
	High	Panels and Transformers. Needs-Replace original panels and transformers	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Gutters and Downspouts. Needs-Fix gutter and downspout drainage issues	\$9,000	\$900-\$3900	\$450-\$1935
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$157,500	\$15800-\$67800	\$7875-\$33862
	High	Roof Finishes. Needs-New blocks for roof piping, disintegrating	\$4,600	\$500-\$2000	\$230-\$989
	High	Irrigation Systems. Needs-Update entire irrigation system	\$17,900	\$1800-\$7700	\$895-\$3848
	Medium	Roof Finishes. Needs-Replace 60mil fully adhered roof over original building and art room	\$441,000	\$44100-\$189700	\$22050-\$94815
	Medium	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$67,000	\$6700-\$28900	\$3350-\$14405
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints, repair grout, fix crack on west side	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Window Storefronts. Needs-Repair/replace, sand/paint entry/classroom storefronts	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Exterior Windows. Needs-Recaulk windows	\$12,600	\$1300-\$5500	\$630-\$2709
	High	Fabricated Toilet Partitions. Needs-Replace toilet partitions when flooring replaced	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Fixed Casework. Needs-Replace all old casework	\$133,900	\$13400-\$57600	\$6695-\$28788
	High	Flooring Carpet. Needs-Replace carpet	\$196,400	\$19700-\$84500	\$9820-\$42226
	High	Flooring Restroom. Needs-Replace ceramic tile with MMA	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Paint Exterior. Needs-Paint CMU chiller enclosure	\$900	\$100-\$400	\$45-\$193
	High	Solid Exterior Doors. Needs-Sand/paint exterior doors	\$4,600	\$500-\$2000	\$230-\$989
	High	Flooring Cafeteria. Needs-Replace VCT in cafeteria	\$8,600	\$900-\$3700	\$430-\$1849
	High	Flooring Carpet. Needs-Replace carpet in band room and office work area.	\$4,600	\$500-\$2000	\$230-\$989
	High	Flooring Gym. Needs-Replace synthetic tartan floor	\$35,800	\$3600-\$15400	\$1790-\$7697
	High	Flooring Kitchen. Needs-Replace poured acrylic floor in kitchen	\$58,000	\$5800-\$25000	\$2900-\$12470
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$53,600	\$5400-\$23100	\$2680-\$11524
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk, rework front entry for drainage	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Playing Fields. Playground. Needs-Replace playground play pads	\$26,800	\$2700-\$11600	\$1340-\$5762
	Medium	Site Improvements. Needs-Fix site drainage issues around building	\$17,900	\$1800-\$7700	\$895-\$3848
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$6,900	\$700-\$3000	\$345-\$1483
	High	Wall Foundations. Needs-Repair foundation wall on south side	\$17,900	\$1800-\$7700	\$895-\$3848
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$357,000	\$35700-\$153600	\$17850-\$76755
	Medium	Vinyl Coverings. Needs-Repair/replace vinyl wall coverings	\$5,300	\$600-\$2300	\$265-\$1139
Tier 4	High	Seeding and Sodding. Needs-Renovate grass areas around school.	\$4,600	\$500-\$2000	\$230-\$989

Estimated Total Construction Costs (in 2017 Dollars): \$1,989,600

Estimated Project Management Costs Range: \$199,900 - \$804,000

Estimated Inflation Range: \$99,480 - \$427,764

Estimated Total Project Costs: \$2,288,980 - \$3,274,064

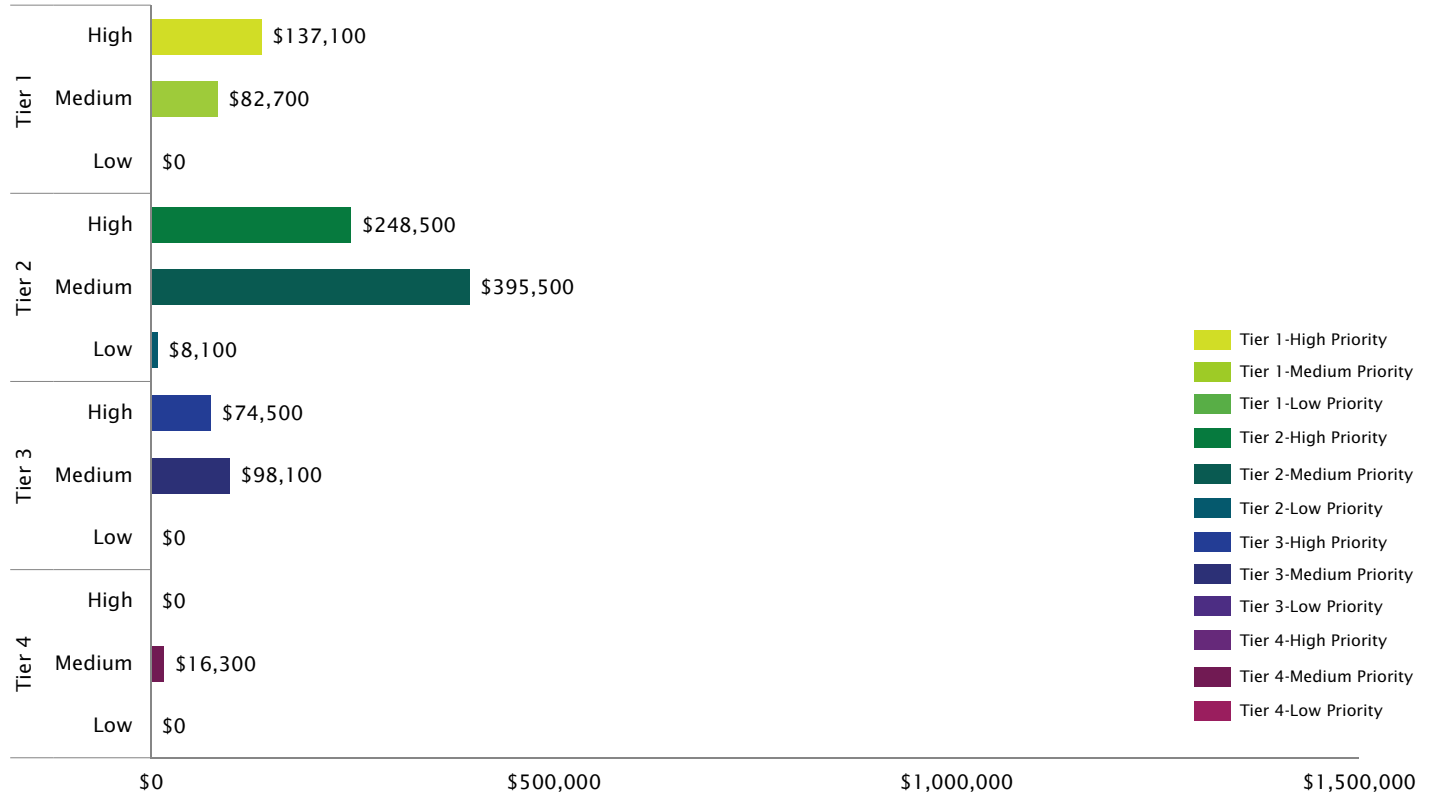
Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.

6555 Southpark Road
 Highlands Ranch, CO 80126
 Mountain Vista High School Feeder Area, K-6

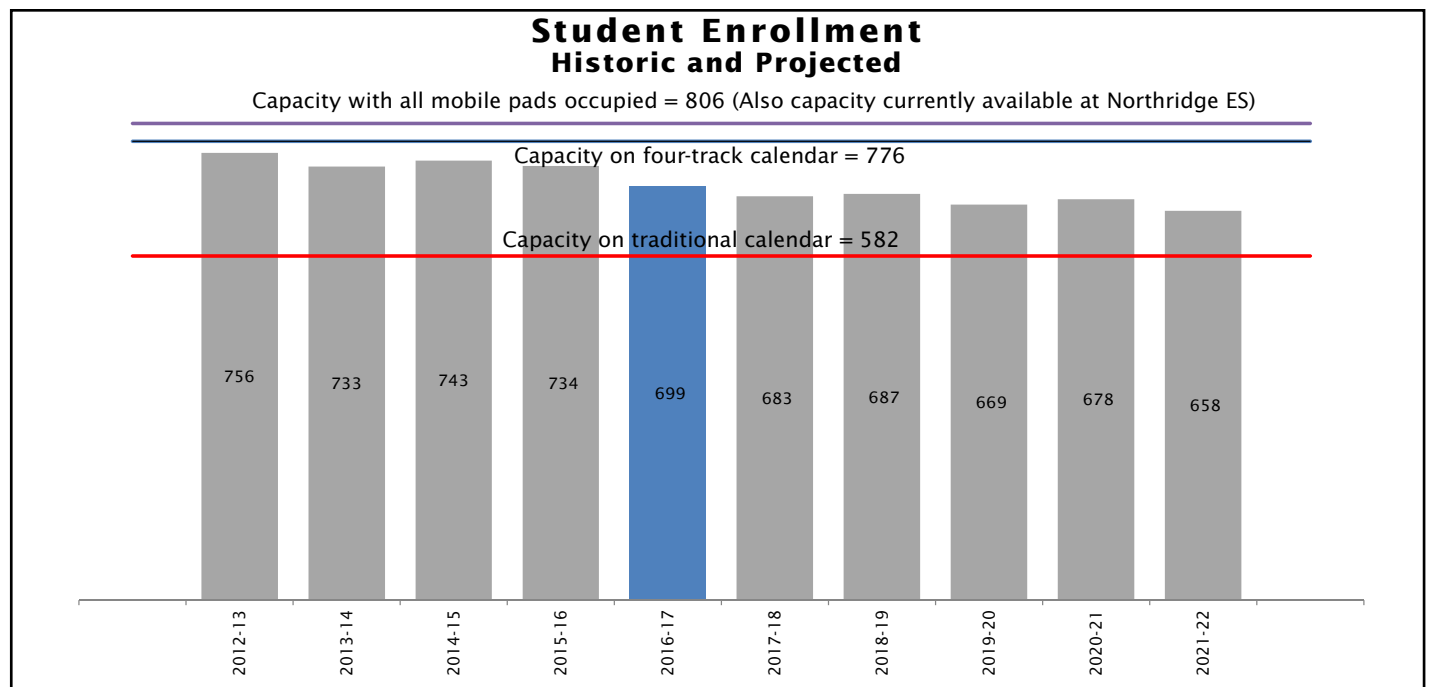
Funded by Capital Reserve
 Opened in 1982

Site Acreage:10
 Facility Square Feet: 48,055
 Mobiles on Site: 4

Northridge Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,060,800
Estimated Total Project Costs: \$1,221,140 - \$1,746,172



Following is the list of currently unfunded facility projects at Northridge Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Exhaust Ventilation System. Replace MUA in kitchen	\$52,000	\$5200-\$22400	\$2600-\$11180
	Medium	Hot Water Service. Water Heater. Needs-Replace domestic water heater and associated piping.	\$81,000	\$8100-\$34900	\$4050-\$17415
	Medium	Air Distribution Systems. Air handlers. Ductwork. VAV's. Needs-Paint roof AHUs	\$1,700	\$200-\$800	\$85-\$365
	High	Exterior Windows. Needs-Replace exterior windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Flooring Restroom. Needs-Replace ceramic tile with MMA	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Paint Exterior. Needs-Exterior trim and doors need painted	\$7,300	\$800-\$3200	\$365-\$1569
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$35,800	\$3600-\$15400	\$1790-\$7697
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Playing Fields. Playground. Needs-Replace playground play pads	\$26,800	\$2700-\$11600	\$1340-\$5762
Tier 2	Medium	Drinking Fountains and Coolers. Needs-Replace metal drinking fountains in hallways, 2 total	\$2,500	\$300-\$1100	\$125-\$537
	Medium	Fabricated Toilet Partitions. Needs-Replace toilet partitions in all restrooms, original	\$32,500	\$3300-\$14000	\$1625-\$6987
	Medium	Fixed Casework. Needs-Replace all original fixed casework in classrooms and offices	\$129,600	\$13000-\$55800	\$6480-\$27864
	Medium	Flooring Carpet. Needs-Replace carpet, some seams splitting (2014 assessment)	\$178,100	\$17900-\$76600	\$8905-\$38291
	Medium	Retractable Partition. Needs-Repair/replace or replace with fixed wall all operable partitions between classrooms	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Sinks. Needs-Replace sinks in kindergarten restrooms and restrooms by cafeteria, 4 total	\$16,300	\$1700-\$7100	\$815-\$3504
	Medium	Flooring Hallways/Classrooms. Needs-Repair VCT in art room and preschool seperating. Might be shrinking	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$8,100	\$900-\$3500	\$405-\$1741
	Low	Exterior Wall Construction. Needs-Repair CMU and brick at corners where cracked and broken off	\$8,100	\$900-\$3500	\$405-\$1741
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Site Improvements. Needs-Repair drainage issues at front of site	\$9,000	\$900-\$3900	\$450-\$1935
	Medium	Blinds and Other Window Treatment. Needs-Replace blinds at gym windows.	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Suspended Ceilings. Needs-Replace ceiling grid and tile in original building	\$81,000	\$8100-\$34900	\$4050-\$17415
Tier 4	Medium	Seeding and Sodding. Needs-Renovate grass areas around school	\$16,300	\$1700-\$7100	\$815-\$3504

Estimated Total Construction Costs (in 2017 Dollars): \$1,060,800
 Estimated Project Management Costs Range: \$107,300 - \$457,300
 Estimated Inflation Range: \$53,040 - \$228,072

Estimated Total Project Costs: \$1,221,140 - \$1,746,172

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

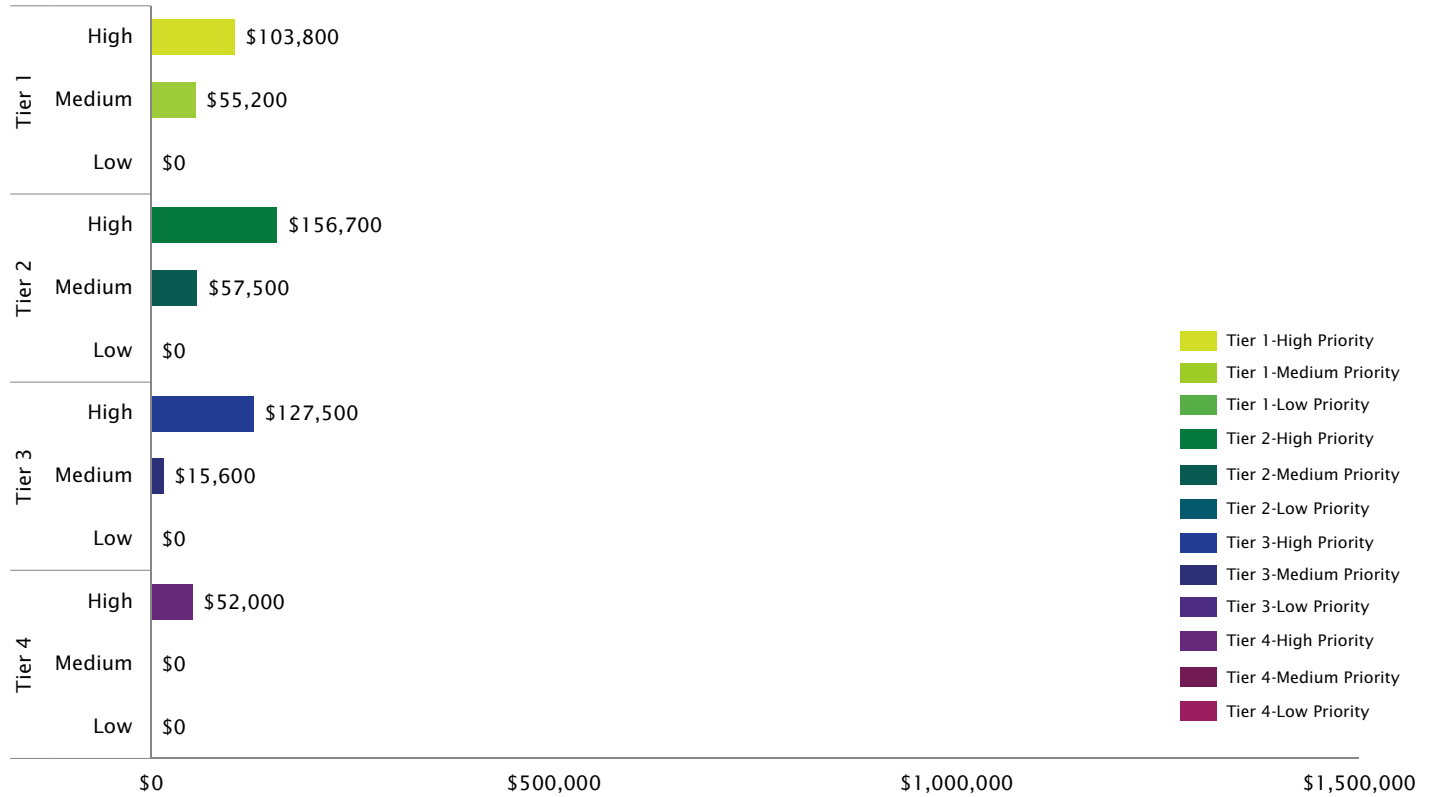
10450 Stonegate Parkway
 Parker, CO 80134
 Chaparral High School Feeder Area, K-6

Funded by 1993 Bond
 Opened in 1995

Site Acreage: 10
 Facility Square Feet: 55,016
 Mobiles on Site: 4

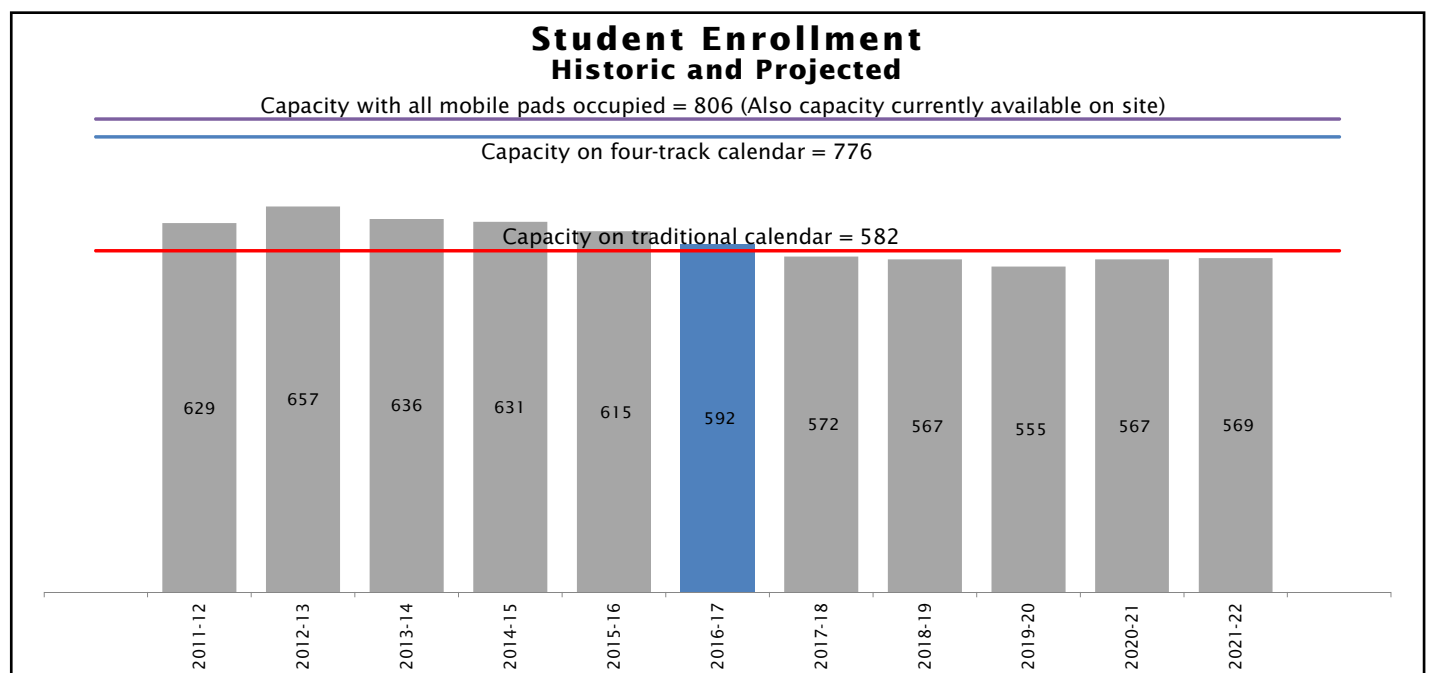
Pine Grove Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$568,300

Estimated Total Project Costs: \$654,115 - \$935,585



Following is the list of currently unfunded facility projects at Pine Grove Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Exhaust Ventilation Systems. Exhaust Fans. Needs-Replace exhaust fans throughout the building	\$103,800	\$10400-\$44700	\$5190-\$22317
	Medium	Direct Expansion Systems. Needs-Replace swamp cooling MUA unit/s with mechanical cooling	\$55,200	\$5600-\$23800	\$2760-\$11868
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints. Re-seal CMU	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Fabricated Toilet Partitions. Needs-Replace Boys/girls and main hallway restrooms, 8 total	\$30,900	\$3100-\$13300	\$1545-\$6643
	High	Paint. Needs-All exterior hollow metal door and window frames and doors need painted	\$7,300	\$800-\$3200	\$365-\$1569
	High	Paving and Surfacing. Sidewalks. Needs-Slab sinking at kitchen entry	\$3,000	\$300-\$1300	\$150-\$645
	High	Retractable Partition. Needs-Repair operable partitions in gym/cafeteria and classrooms as necessary	\$11,100	\$1200-\$4800	\$555-\$2386
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Flooring Kitchen. Needs-Replace kitchen flooring with MMA	\$54,100	\$5500-\$23300	\$2705-\$11631
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$50,000	\$5000-\$21500	\$2500-\$10750
	Medium	Interior Doors. Needs-Refinish interior doors	\$7,500	\$800-\$3300	\$375-\$1612
Tier 3	High	Insulation. Needs-Repair/replace insulation in several areas due to valve leaks.	\$41,500	\$4200-\$17900	\$2075-\$8922
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Playing Fields. Multi-use Field. Renovate sod at multi-use field	\$83,000	\$8300-\$35700	\$4150-\$17845
	Medium	Vinyl Wall Covering. Needs-Repair/replace 50% VWC in Main Corridors, replace art room	\$15,600	\$1600-\$6800	\$780-\$3354
Tier 4	High	Other Landscape Features. Needs-Metal edger at shrub beds should be replaced with concrete mow band. Hillside between asphalt play area and ballfield is eroding. Regrade to eliminate steep areas	\$52,000	\$5200-\$22400	\$2600-\$11180

Estimated Total Construction Costs (in 2017 Dollars): \$568,300
 Estimated Project Management Costs Range: \$57,400 - \$245,100
 Estimated Inflation Range: \$28,415 - \$122,185

Estimated Total Project Costs: \$654,115 - \$935,585

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

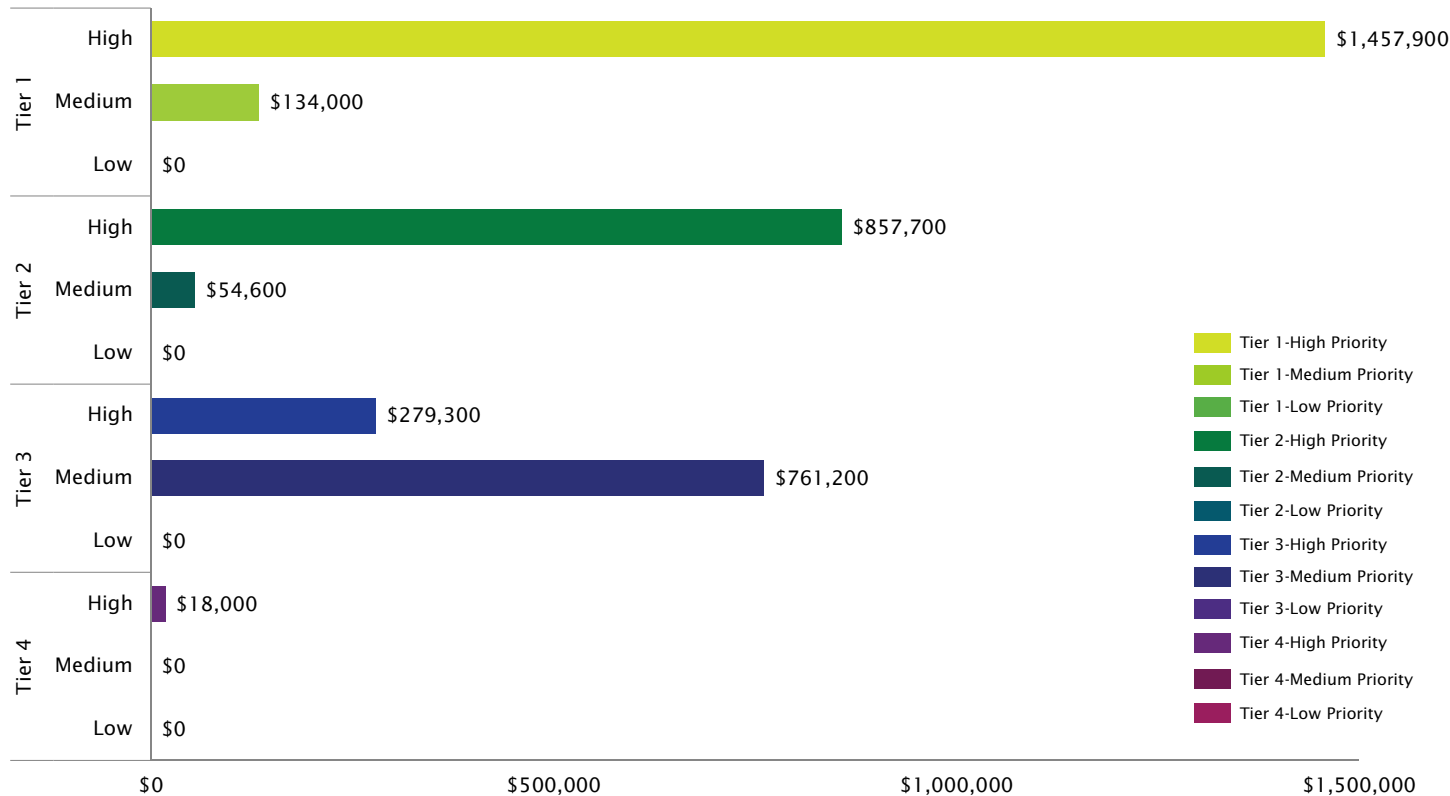
6475 East Ponderosa Drive
Parker, CO 80138
Chaparral High School Feeder Area, K-6

Funded by 1978 Bond
Opened in 1980

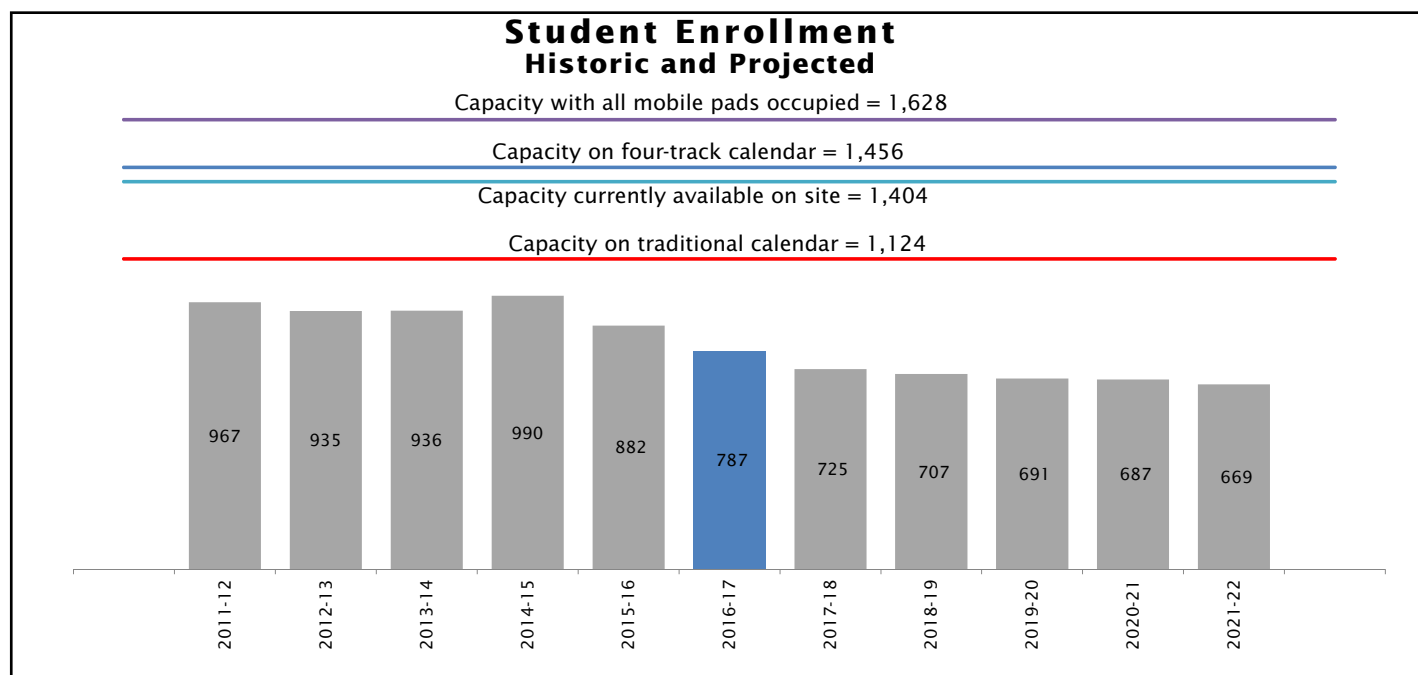
Site Acreage: 30 (North & South)
Facility Square Feet: 39,687 (North), 51,938 (South)
Mobiles on Site: 5

Pine Lane Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$3,562,700
Estimated Total Project Costs: \$4,098,935 - \$5,862,881



Following is the list of currently unfunded facility projects at Pine Lane Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade control system	\$178,100	\$17900-\$76600	\$8905-\$38291
	High	Direct Expansion Systems. Roof top units. Needs-Replace RTUs	\$308,700	\$30900-\$132800	\$15435-\$66370
	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$92,600	\$9300-\$39900	\$4630-\$19909
	High	Roof Finishes. Needs-Silver coat parapet walls, seal brick on parapet	\$9,000	\$900-\$3900	\$450-\$1935
	High	Controls. Needs-Upgrade control system	\$160,000	\$16000-\$68800	\$8000-\$34400
	High	Controls. Needs-Upgrade control system	\$170,100	\$17100-\$73200	\$8505-\$36571
	High	Gutters and Downspouts. Needs-Rework gutters and downspouts when new soffit installed	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Interior Door Hardware. Needs-Replace door hardware	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Irrigation Systems. Needs-Upgrade entire system to district standard.	\$111,600	\$11200-\$48000	\$5580-\$23994
	High	Irrigation Systems. Needs-Upgrade entire system to district standard.	\$111,600	\$11200-\$48000	\$5580-\$23994
	High	Roof Construction. Needs- Replace rotted beam on the porch / partition on East side bus loop. possible hazard	\$2,700	\$300-\$1200	\$135-\$580
	Tier 1	Medium	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$67,000	\$6700-\$28900
Medium		Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Install new generator and associated emergency systems	\$67,000	\$6700-\$28900	\$3350-\$14405
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints, repair grout	\$6,300	\$700-\$2800	\$315-\$1354
	High	Glazed Doors and Entrances. Needs-Repair/replace entry storefronts	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Window Storefronts. Needs-Repair/replace classroom storefronts	\$55,200	\$5600-\$23800	\$2760-\$11868
	High	Exterior Windows. Needs-Recaulk windows	\$6,800	\$700-\$3000	\$340-\$1462
	High	Exterior Windows. Needs-Recaulk windows	\$14,300	\$1500-\$6200	\$715-\$3074
	High	Fabricated Toilet Partitions. Needs-Replace when flooring replaced	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Fabricated Toilet Partitions. Needs-Replace when flooring replaced	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Fixed Casework. Needs-Replace casework in original building	\$133,900	\$13400-\$57600	\$6695-\$28788
	High	Fixed Casework. Needs-Replace casework room 109	\$9,000	\$900-\$3900	\$450-\$1935
	High	Flooring Restroom. Needs-Replace ceramic tile in restrooms with MMA	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Retractable Partitions. Needs-Refurbish or replace all classroom partitions	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Retractable Partitions. Needs-Replace gym/cafeteria partition. Refurbish or replace all classroom partitions	\$67,000	\$6700-\$28900	\$3350-\$14405
	High	Solid Exterior Doors. Needs-Sand/paint exterior doors	\$4,600	\$500-\$2000	\$230-\$989
	High	Wash Fountains. Needs-Replace trough washing stations with sinks (6)	\$15,300	\$1600-\$6600	\$765-\$3289
	High	Flooring Kitchen. Needs-Replace VCT with MMA. Abatement	\$80,400	\$8100-\$34600	\$4020-\$17286
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$71,500	\$7200-\$30800	\$3575-\$15372

For a complete listing of Pine Lane's capital needs see Appendix 2

Estimated Total Construction Costs (in 2017 Dollars): \$3,562,700
 Estimated Project Management Costs Range: \$358,100 - \$1,534,200
 Estimated Inflation Range: \$178,135 - \$765,981

Estimated Total Project Costs: \$4,098,935 - \$5,862,881

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

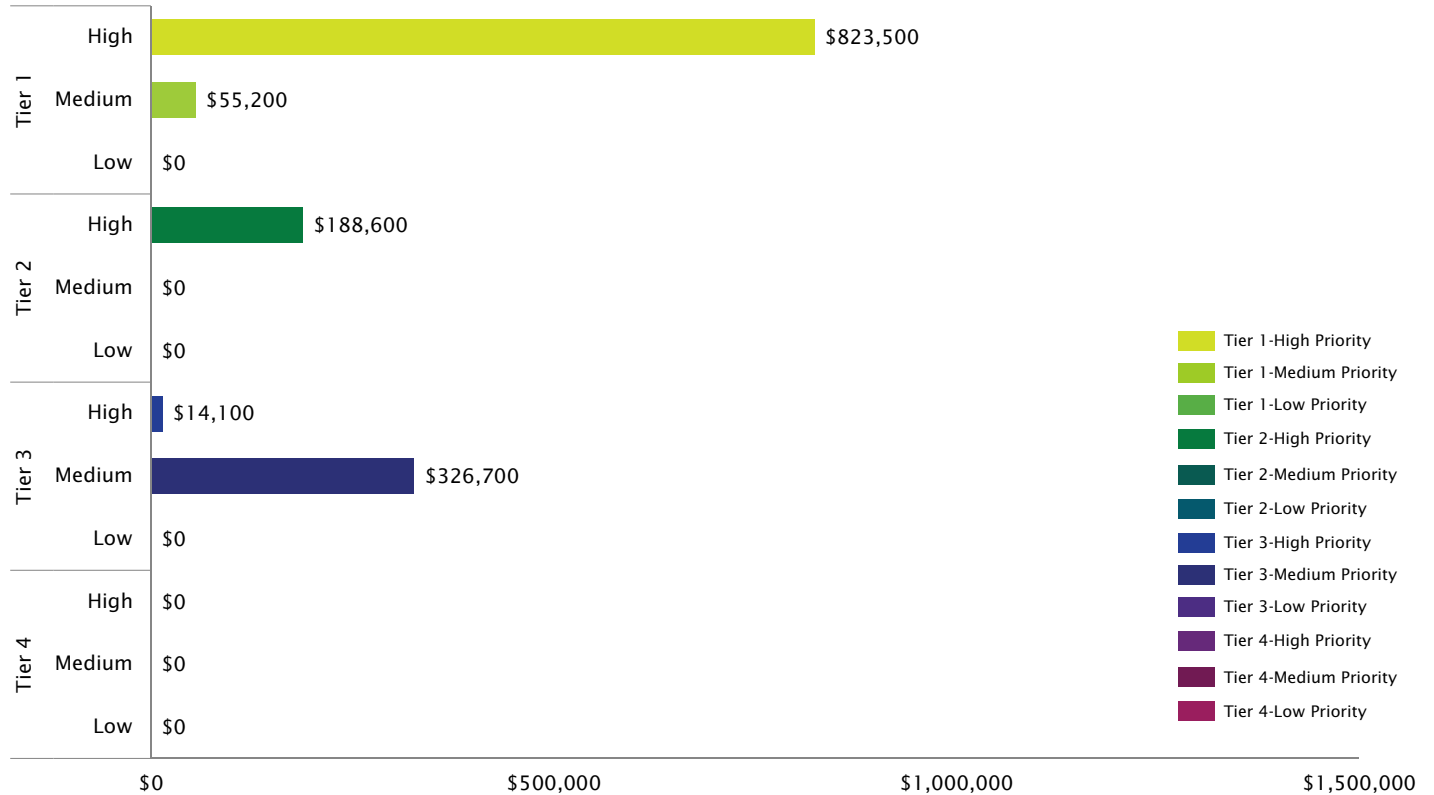
10881 Riva Ridge Street
Parker, CO 80134
Legend High School Feeder Area, K-5

Funded by 1993 Bond
Opened in 1997

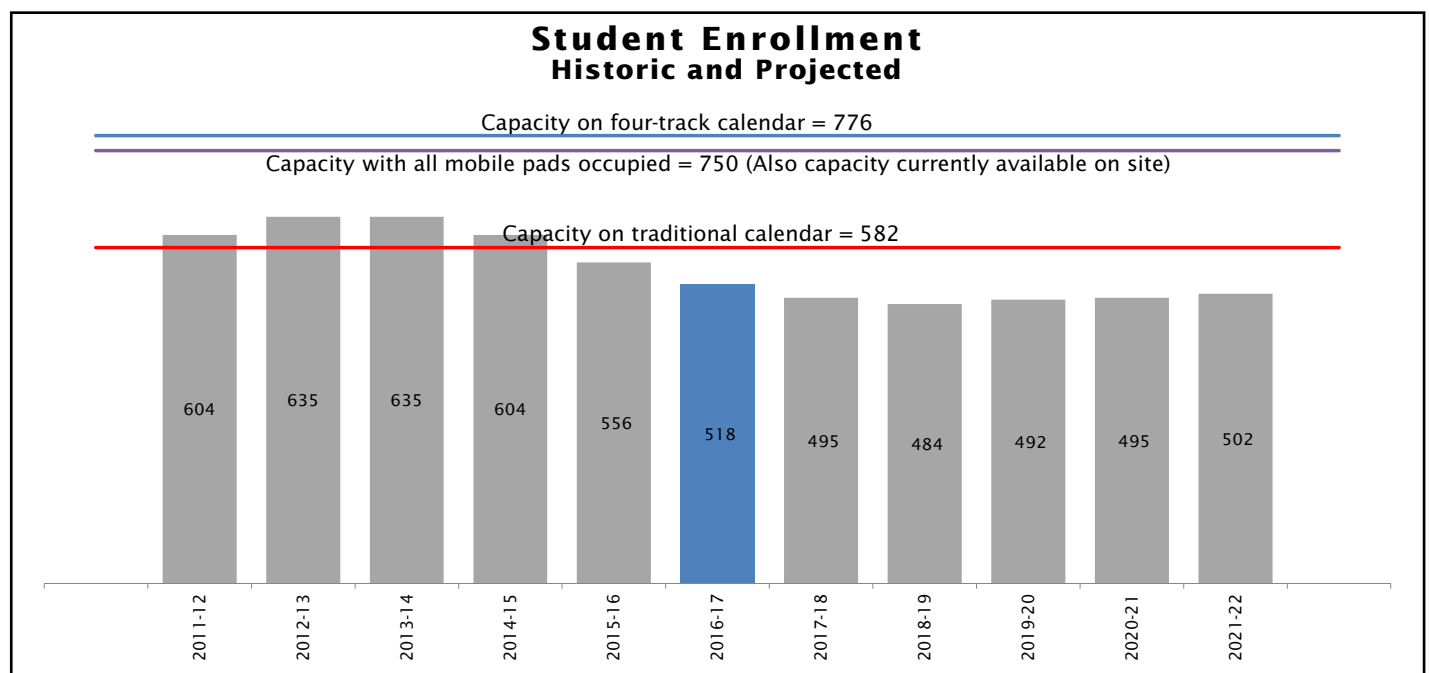
Site Acreage: 10
Facility Square Feet: 51,020
Mobiles on Site: 3

Pioneer Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,408,100
Estimated Total Project Costs: \$1,620,405 - \$2,317,242



Following is the list of currently unfunded facility projects at Pioneer Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade to full DDC	\$297,600	\$29800-\$128000	\$14880-\$63984
	High	Direct Expansion Systems. Roof top units. Needs-Replace RTUs	\$308,700	\$30900-\$132800	\$15435-\$66370
	High	Hot Water Distribution. Needs-Water Heater New Lochinvar wtr htr. Replace storage tank needs, corroded and beyond life cycle.	\$6,800	\$700-\$3000	\$340-\$1462
	High	Exhaust Ventilation Systems. Exhaust fans. Needs-Fair condition. MUA needs replaced and upgraded to DX beyond life cycle.	\$55,200	\$5600-\$23800	\$2760-\$11868
	High	Interior Door Hardware. Needs-Replace door hardware, install restricted key system	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Irrigation Systems. Needs-New controller, existing piping and heads good	\$5,200	\$600-\$2300	\$260-\$1118
	Medium	Direct Expansion Systems. Needs-Replace swamp cooling MUA unit/s with mechanical cooling	\$55,200	\$5600-\$23800	\$2760-\$11868
Tier 2	High	Exterior CMU and Brick. Needs-Reseal CMU. Stress cracks same as other schools. Seams are deteriorated and need re-caulking	\$15,900	\$1600-\$6900	\$795-\$3418
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Paint Exterior. Needs-Paint exterior	\$7,400	\$800-\$3200	\$370-\$1591
	High	Retractable Partitions. Needs-Refurbish operable partitions. Gym/cafeteria needs replaced. Classrooms are in good shape.	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Flooring Gym. Needs-Replace original carpeting	\$16,600	\$1700-\$7200	\$830-\$3569
	High	Flooring Kitchen. Needs- Replace flooring, currently Hubelite material (Red), replace with poured acrylic	\$54,100	\$5500-\$23300	\$2705-\$11631
	High	Paving \$ Surfacing, Sidewalks. Needs-Repair/Replace areas of sidewalk	\$7,400	\$800-\$3200	\$370-\$1591
	High	Playing Fields. Playground. Needs-Replace playground play pads	\$40,200	\$4100-\$17300	\$2010-\$8643
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Movable Furnishing. FFE. Needs-Replace chalk boards with white boards	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Playing Fields. Needs-Replacement at hill area	\$22,300	\$2300-\$9600	\$1115-\$4794
	Medium	Suspended Ceilings. Needs-Replace all ceiling tiles in the kitchen. (need to be food grade)	\$5,900	\$600-\$2600	\$295-\$1268
	Medium	Fire Sprinkler. Needs-Sprinkled only in cafeteria Current code requires fully sprinkled building	\$287,300	\$28800-\$123600	\$14365-\$61769
	Medium	Vinyl Coverings-Needs-Repair vinyl wall finishes. Vinyl has a lot of tears, patches, water damage and seams coming apart in hallways and pods. Bathroom halls have colored vinyl that need replaced. All entrances need replaced.	\$3,800	\$400-\$1700	\$190-\$817
	Medium	Grease Interceptor. Needs-Remove if possible	\$7,400	\$800-\$3200	\$370-\$1591

Estimated Total Construction Costs (in 2017 Dollars): \$1,408,100
 Estimated Project Management Costs Range: \$141,900 - \$606,400
 Estimated Inflation Range: \$70,405 - \$302,742

Estimated Total Project Costs: \$1,620,405 - \$2,317,242

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

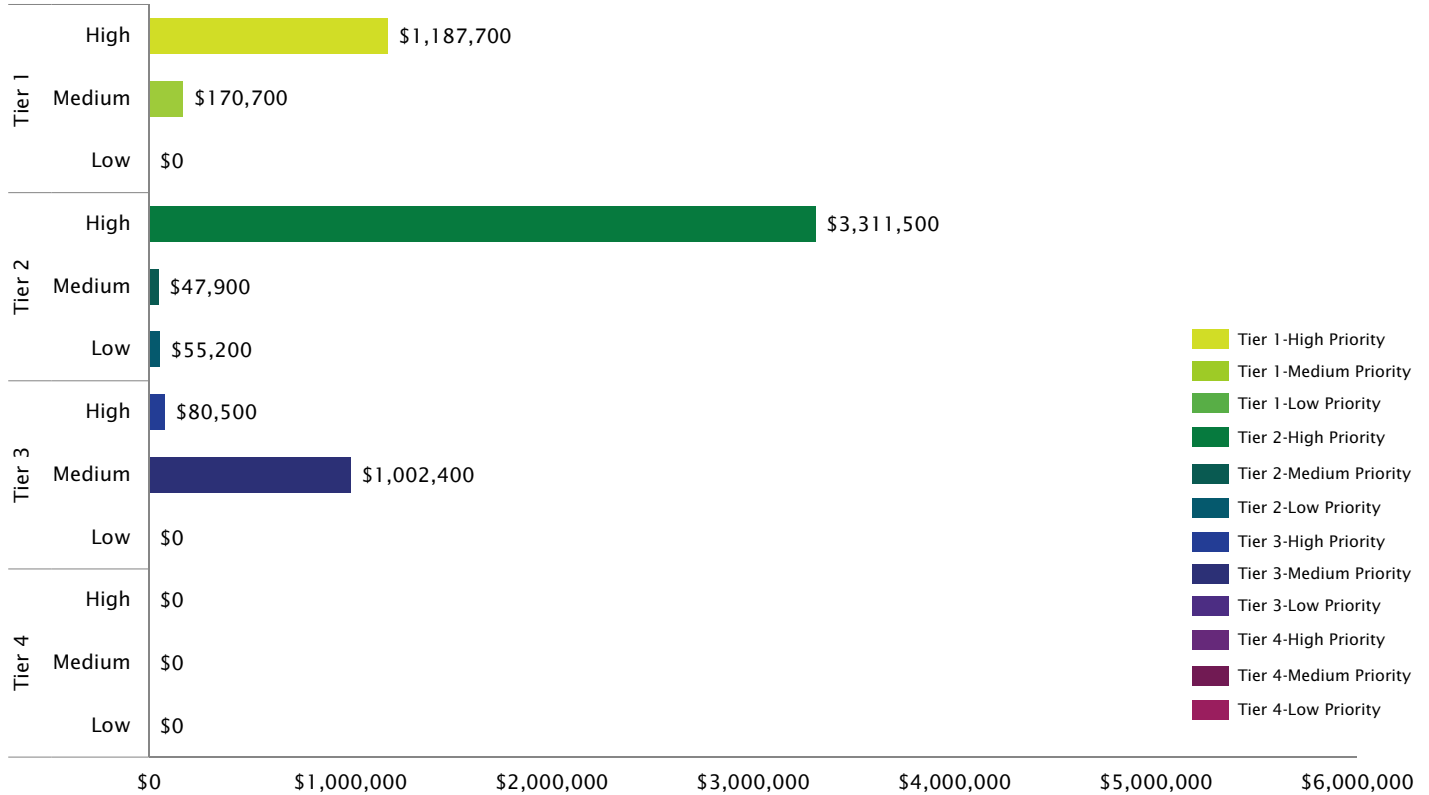
7007 East Bayou Gulch Road
 Parker, CO 80134
 Ponderosa High School Feeder Area, 9-12

Funded by 1978 Bond
 Opened in 1982

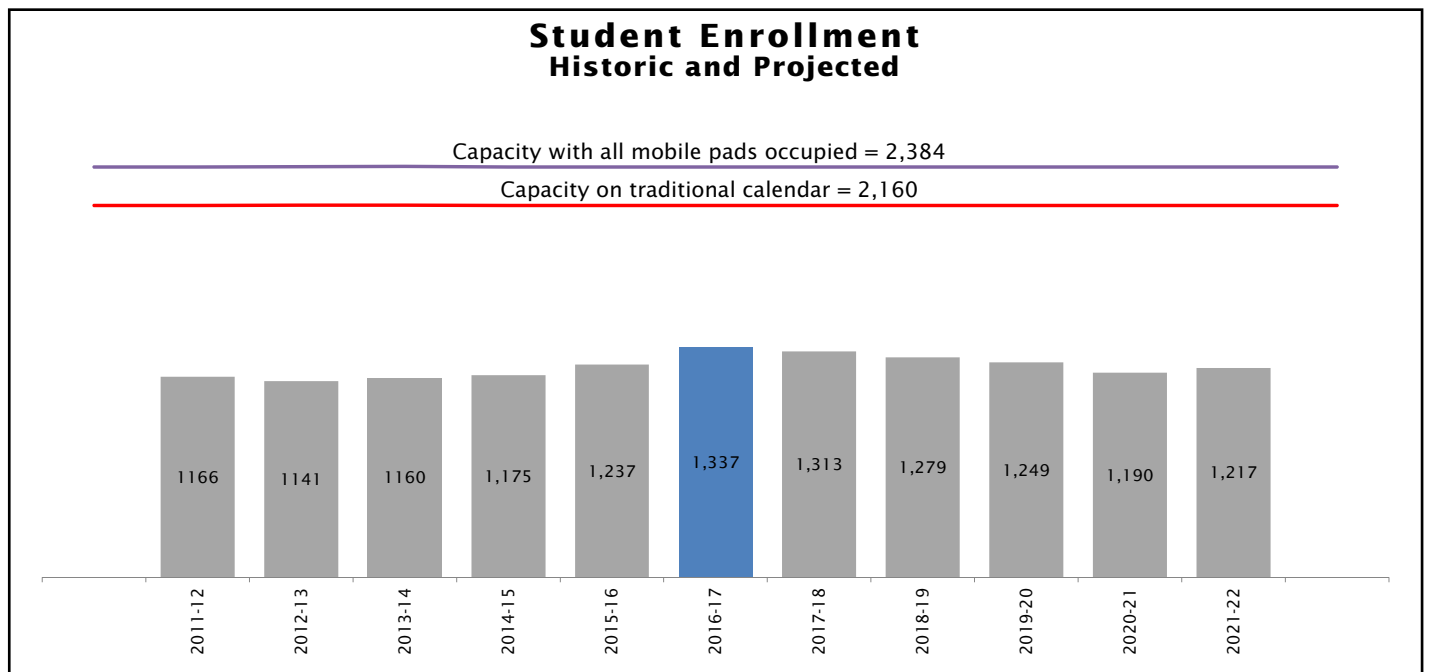
Site Acreage: 65
 Facility Square Feet: 248,300
 Mobiles on Site: 0

Ponderosa High School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$5,855,900
Estimated Total Project Costs: \$6,737,095 - \$9,635,319



Following is the list of currently unfunded facility projects at Ponderosa High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$425,100	\$42600-\$182800	\$21255-\$91396
	High	Boilers. Needs-Replace 2 boilers not replaced in 2016	\$4,600	\$500-\$2000	\$230-\$989
	High	Controls. Needs-Upgrade to full DDC. Currently some pneumatic with DDC	\$367,500	\$36800-\$158100	\$18375-\$79012
	High	Hot Water Distribution. Needs-Complete upgrade, Poor condition	\$52,000	\$5200-\$22400	\$2600-\$11180
	High	Direct Expansion Systems. Needs-Replace MAU #1 that serves band area with a roof top unit.	\$55,200	\$5600-\$23800	\$2760-\$11868
	High	Auxiliary Equipment. Poor to fair condition. Needs-Upgrade	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Exhaust Ventilation Systems. Exhaust Fans. Needs-Science, shops, industrial arts all need upgraded.	\$37,100	\$3800-\$16000	\$1855-\$7976
	High	Fixed Multiple Seating, Bleachers. Needs-Auxiliary gym - Replace. Main gym - Replace portable wood bleachers in upper section. Main floor bleachers are plastic and are in good condition.	\$52,000	\$5200-\$22400	\$2600-\$11180
	High	Glycol Distribution Systems. Poor condition. Needs-Upgrade system	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Terminal Self-Contained Units. Some old units need replaced. Need evaluation or complete system redesign.	\$74,200	\$7500-\$32000	\$3710-\$15953
	High	Water Treatment Systems. Poor condition. Needs-All needs to be upgraded.	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Irrigation Systems. Needs- Replace irrigation controllers	\$12,500	\$1300-\$5400	\$625-\$2687
	High	Package Units. Some old units need replaced. Need evaluation or complete system redesign.	\$55,600	\$5600-\$24000	\$2780-\$11954
	Medium	Air Distribution Systems. Air handlers, ductwork, VAV's. Needs-System needs to be re-evaluated for proper distribution.	\$74,200	\$7500-\$32000	\$3710-\$15953
	Medium	Change-over Distribution System. Poor condition. Needs-All needs to be upgraded.	\$29,700	\$3000-\$12800	\$1485-\$6385
	Medium	Boiler Room Piping and Specialties. Poor to fair condition. Needs-Upgrade for controls if new boilers installed.	\$37,100	\$3800-\$16000	\$1855-\$7976
	Medium	Commissioning and Re-Commissioning. System needs retest and rebalance on both air and water systems	\$29,700	\$3000-\$12800	\$1485-\$6385
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$8,500	\$900-\$3700	\$425-\$1827
	High	Exterior Windows. Needs-Replace all Pella wood windows. Replace/repair all other windows as necessary	\$340,100	\$34100-\$146300	\$17005-\$73121
	High	Acid Waste Systems. Poor condition, needs upgraded.	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Exterior Windows. Needs-Recaulk windows	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Fabricated Toilet Partitions. Replace with solid plastic partitions in the following bathrooms, 142/144 and c164/c166 and the same for upstairs, 8 bathrooms total.	\$53,400	\$5400-\$23000	\$2670-\$11481
	High	Fixed Casework. Needs-Refurbish lockers.	\$22,100	\$2300-\$9600	\$1105-\$4751
	High	Flooring Carpet. Needs-Replace carpet 80% of building. Possible abatement needed for glue	\$1,771,900	\$177200-\$762000	\$88595-\$380958
	High	Flooring Hallway/Classrooms. Needs-Replace VCT that has not been replaced. Possible abatement	\$202,500	\$20300-\$87100	\$10125-\$43537
	High	Lavatories. Some in good condition, some poor (50%). Upgrade to autosensor	\$29,700	\$3000-\$12800	\$1485-\$6385
	High	Roof Hatches. Needs-Replace main roof hatch	\$2,300	\$300-\$1000	\$115-\$494
	High	Solid Exterior Doors. Needs-Replace exterior doors	\$111,300	\$11200-\$47900	\$5565-\$23929
	High	Water Closets. Some in good condition, some poor (50%). Upgrade to autoflush valves	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Air Purifiers. Poor condition, needs upgraded	\$37,100	\$3800-\$16000	\$1855-\$7976

Estimated Total Construction Costs (in 2017 Dollars): \$5,855,900
 Estimated Project Management Costs Range: \$588,400 - \$2,520,400
 Estimated Inflation Range: \$292,795 - \$1,259,019

Estimated Total Project Costs: \$6,737,095 - \$9,635,319

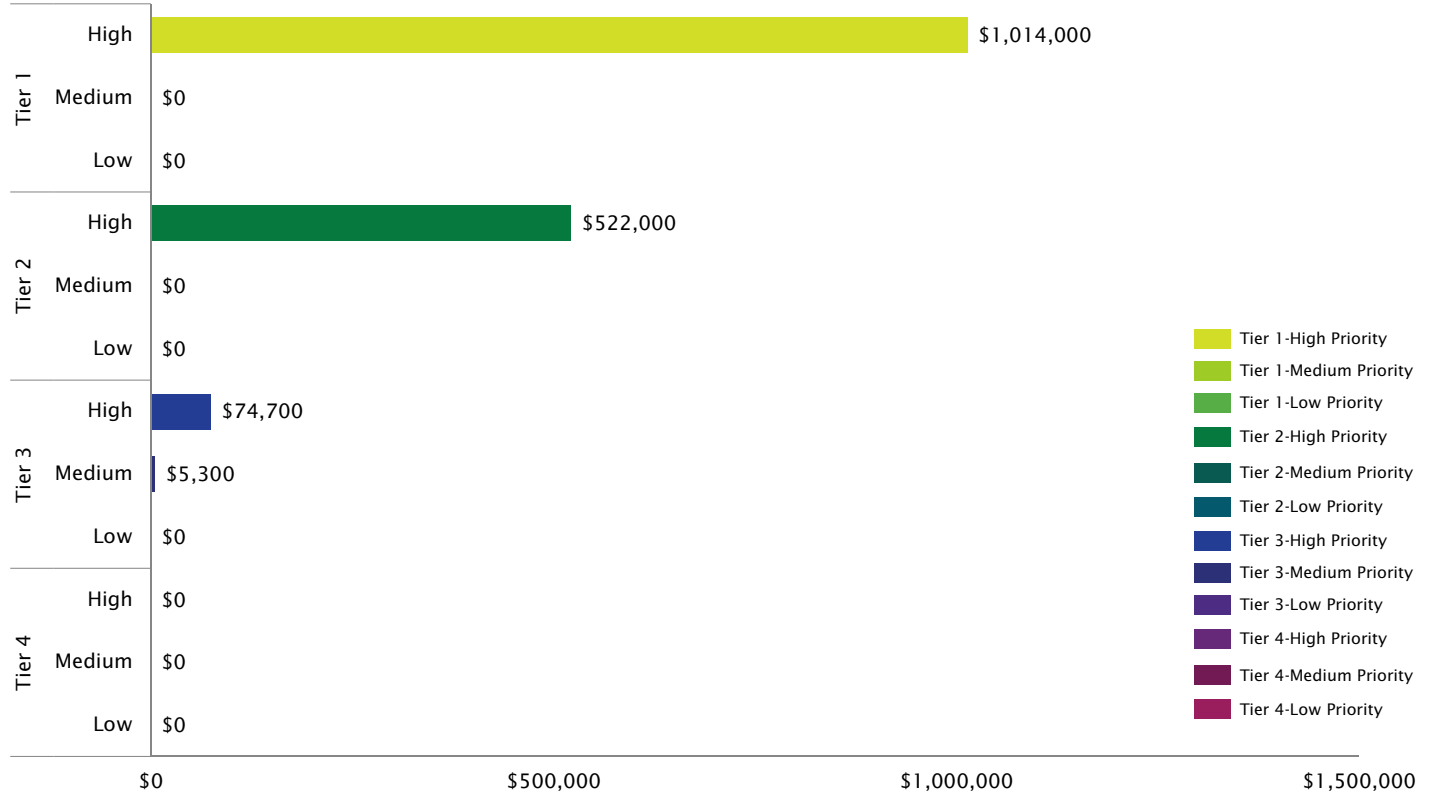
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

11605 S. Bradbury Ranch Drive
Parker, CO 80134
Chaparral High School Feeder Area, K-6

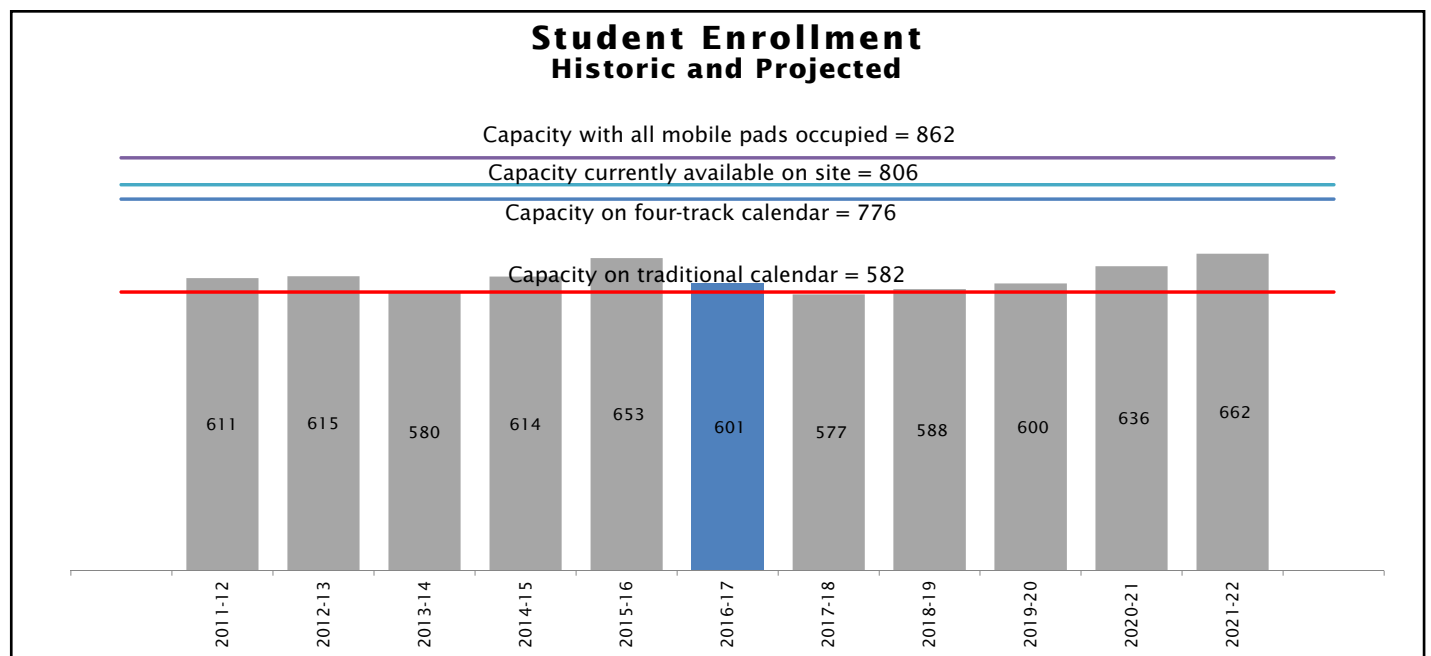
Funded by 1997 Bond
Opened in 2001

Site Acreage: 8.6
Facility Square Feet: 51,668
Mobiles on Site: 4

Prairie Crossing Elementary-Identified Facility Projects
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,616,000
Estimated Total Project Costs: \$1,859,600 - \$2,659,440



Following is the list of currently unfunded facility projects at Prairie Crossing Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered	\$573,300	\$57400-\$246600	\$28665-\$123259
	High	Controls. Needs-Upgrade controllers. Count 69	\$174,200	\$17500-\$75000	\$8710-\$37453
	High	Glazed Roof Openings. Skylights. Needs-Re-glaze skylights	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Interior Door Hardware. Needs-Replace door hardware, install restricted key system	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Paint Exterior. Needs-Paint metal roof	\$4,600	\$500-\$2000	\$230-\$989
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints. Seal masonry CMU	\$23,800	\$2400-\$10300	\$1190-\$5117
	High	Exterior Windows. Needs-Fix storefront window leakage	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Exterior Windows. Needs-Recaulk windows	\$12,500	\$1300-\$5400	\$625-\$2687
	High	Flooring Carpet replacement	\$228,200	\$22900-\$98200	\$11410-\$49063
	High	Flooring Restroom. Needs-Replace sheet vinyl flooring with MMA	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Solid Exterior Doors. Needs-Paint (4)	\$400	\$100-\$200	\$20-\$86
	High	Curbs, Rails and Barriers. Needs-Repair/replace areas of curb.	\$4,600	\$500-\$2000	\$230-\$989
	High	Flooring Cafeteria. Needs-Replace VCT	\$12,500	\$1300-\$5400	\$625-\$2687
	High	Flooring Gym. Carpet replacement	\$15,600	\$1600-\$6800	\$780-\$3354
	High	Flooring. Needs-Repair flooring in kitchen area.	\$3,100	\$400-\$1400	\$155-\$666
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$9,000	\$900-\$3900	\$450-\$1935
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
High	Playing Fields. Playground. Needs-Replace asphalt playground	\$26,800	\$2700-\$11600	\$1340-\$5762	
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$3,200	\$400-\$1400	\$160-\$688
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use playing field	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Vinyl Coverings. Needs-Repair/replace areas of vinyl	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$1,616,000
 Estimated Project Management Costs Range: \$162,800 - \$696,000
 Estimated Inflation Range: \$80,800 - \$347,440

Estimated Total Project Costs: \$1,859,600 - \$2,659,440

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

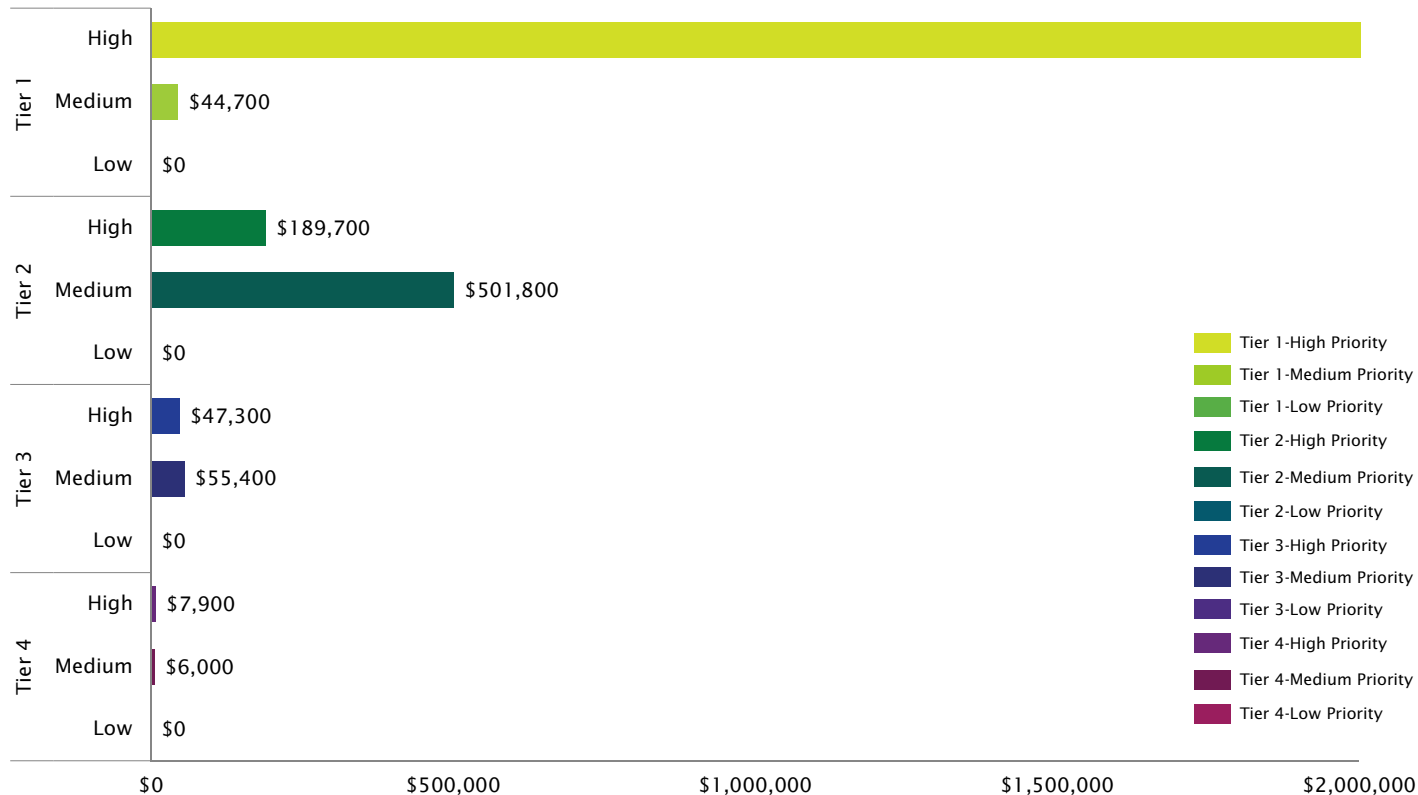
1731 Wildcat Reserve Parkway
 Highlands Ranch, CO 80129
 ThunderRidge High School Feeder Area, 7-8

Funded by 1996 Bond
 Opened in 1997

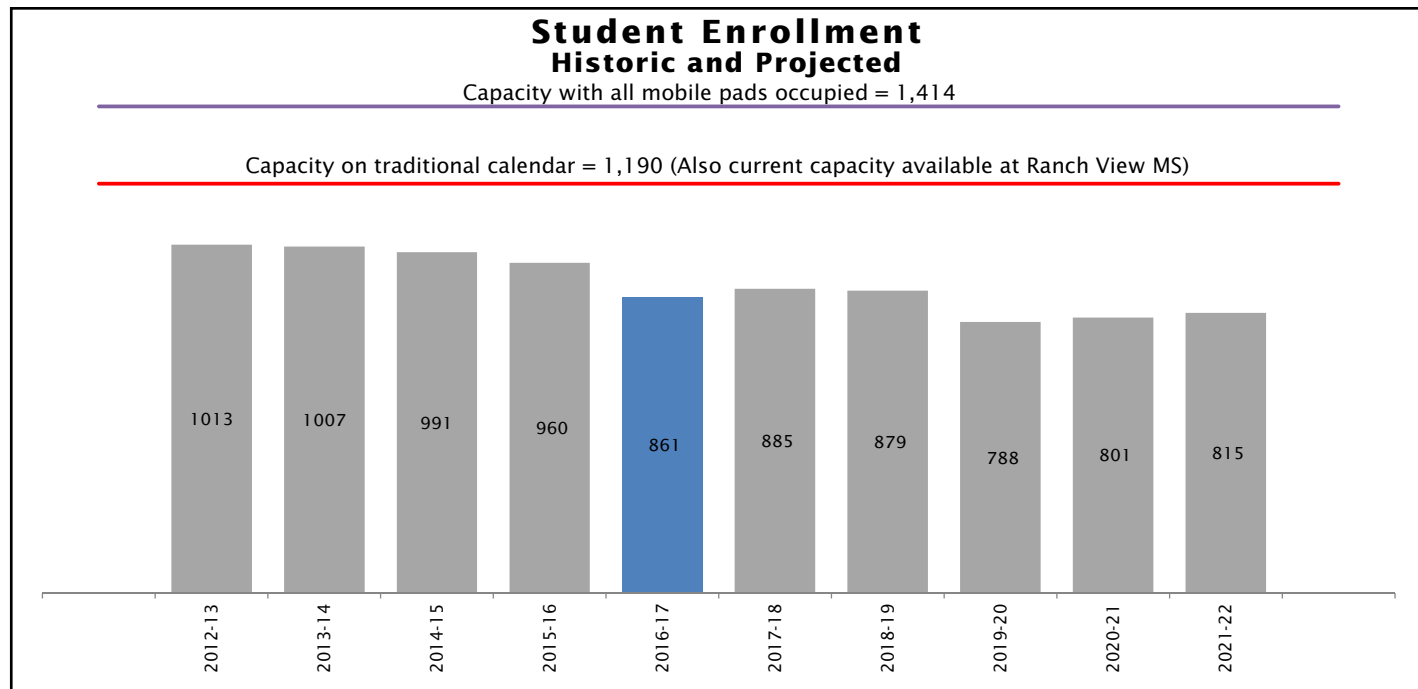
Site Acreage: 20
 Facility Square Feet: 127,951
 Mobiles on Site: 0

Ranch View Middle School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$2,907,400
Estimated Total Project Costs: \$3,344,670 - \$4,784,291



Following is the list of currently unfunded facility projects at Ranch View Middle School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade controllers. Count 107	\$334,100	\$33500-\$143700	\$16705-\$71831
	High	Hot Water Service. Replace domestic hot water system, heaters, pumps, and storage	\$75,000	\$7500-\$32300	\$3750-\$16125
	High	Clock and Program Systems. Replace current Simplex clock system	\$20,700	\$2100-\$9000	\$1035-\$4450
	High	Fixed Multiple Seating. Repair/replacement of bleachers. Structural problems	\$40,000	\$4000-\$17200	\$2000-\$8600
	High	Interior Door Hardware. Replace door hardware, install restricted key system	\$275,000	\$27500-\$118300	\$13750-\$59125
	High	Roof Finishes. Replace roof with .060 fully adhered EDPM.	\$1,087,100	\$108800-\$467500	\$54355-\$233726
	High	Chilled Water Systems. Replace cooling tower	\$75,000	\$7500-\$32300	\$3750-\$16125
	High	Irrigation Systems. Replace station controllers and update entire irrigation system	\$147,700	\$14800-\$63600	\$7385-\$31755
	Medium	Local Area Networks. ITS/Head End Equipment. Expanded or new MDF closet (minimum 10'X10')	\$44,700	\$4500-\$19300	\$2235-\$9610
Tier 2	High	Exterior Wall Construction. Brick. Needs-Recaulk control joints and areas where there are cracks	\$4,800	\$500-\$2100	\$240-\$1032
	High	Exterior Windows. Needs-Recaulk windows	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Paving and Surfacing. Sidewalks. Needs-Repair stairs on NE side of building	\$2,000	\$200-\$900	\$100-\$430
	High	Curbs, Rails and Gutters. Needs-Repair curb and gutter	\$24,600	\$2500-\$10600	\$1230-\$5289
	High	Energy Supply. Needs-Paint gas piping, starting to corrode	\$500	\$100-\$300	\$25-\$107
	High	Fences and Gates. Repair/replace fencing at dumpster area	\$2,500	\$300-\$1100	\$125-\$537
	High	Flooring Cafeteria. Needs-Repair VCT at control joints	\$5,000	\$500-\$2200	\$250-\$1075
	High	Flooring Hallways/Classrooms. VCT repair in room 234	\$1,000	\$100-\$500	\$50-\$215
	High	Paving & Surfacing. Resurface asphalt bus loop	\$49,200	\$5000-\$21200	\$2460-\$10578
	High	Paving and Surfacing. Resurface asphalt parking lot	\$78,800	\$7900-\$33900	\$3940-\$16942
	Medium	Playing Fields. Repair concrete at basketball court	\$7,400	\$800-\$3200	\$370-\$1591
	Medium	Fabricated Toilet Partitions. Replace all toilet partitions	\$38,300	\$3900-\$16500	\$1915-\$8234
	Medium	Flooring Carpet. Needs-Replace carpet	\$315,000	\$31500-\$135500	\$15750-\$67725
	Medium	Flooring Restroom. Replace original sheet vinyl flooring with poured acrylic in all restrooms	\$38,300	\$3900-\$16500	\$1915-\$8234
	Medium	Sink Countertops. Replace restroom sink counter tops	\$38,300	\$3900-\$16500	\$1915-\$8234
	Medium	Exhaust Ventilation Systems. Replace exhaust fans	\$55,000	\$5500-\$23700	\$2750-\$11825
	Medium	Solid Exterior Doors. Needs-Repair and paint exterior doors	\$7,500	\$800-\$3300	\$375-\$1612
	Medium	Regular Stairs. Needs-Refinish stairs at stage	\$2,000	\$200-\$900	\$100-\$430
Tier 3	High	Wall Foundations. Recaulk foundation where concrete meets	\$4,000	\$400-\$1800	\$200-\$860
	High	Miscellaneous Structures. Repair plant structure in front of school, metal rusting	\$6,900	\$700-\$3000	\$345-\$1483
	High	Playing Fields. Reseed and top dress both fields	\$12,800	\$1300-\$5600	\$640-\$2752
Tier 3	High	Superstructure. Needs-Repair cracks in commons floor and areas of block due to settling	\$13,200	\$1400-\$5700	\$660-\$2838
	High	Upper Floor. There is a crack in the commons area. Repair prestress flooring at commons	\$10,400	\$1100-\$4500	\$520-\$2236
	Medium	Fences and Gates. Replace and add fencing at front entrance.	\$6,000	\$600-\$2600	\$300-\$1290
	Medium	Retaining Walls. Retaining walls on N/NE side of building	\$44,400	\$4500-\$19100	\$2220-\$9546
	Medium	Vinyl Coverings. Needs-Repair/replace vinyl wall covering	\$5,000	\$500-\$2200	\$250-\$1075
Tier 4	High	Seeding and Sodding. Replace areas of turf around school	\$7,900	\$800-\$3400	\$395-\$1698
	Medium	Planting. Needs-Replace/add trees and bushes	\$6,000	\$600-\$2600	\$300-\$1290

Estimated Total Construction Costs (in 2017 Dollars): \$2,907,400
 Estimated Project Management Costs Range: \$291,900 - \$1,251,800
 Estimated Inflation Range: \$145,370 - \$625,091

Estimated Total Project Costs: \$3,344,670 - \$4,784,291

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

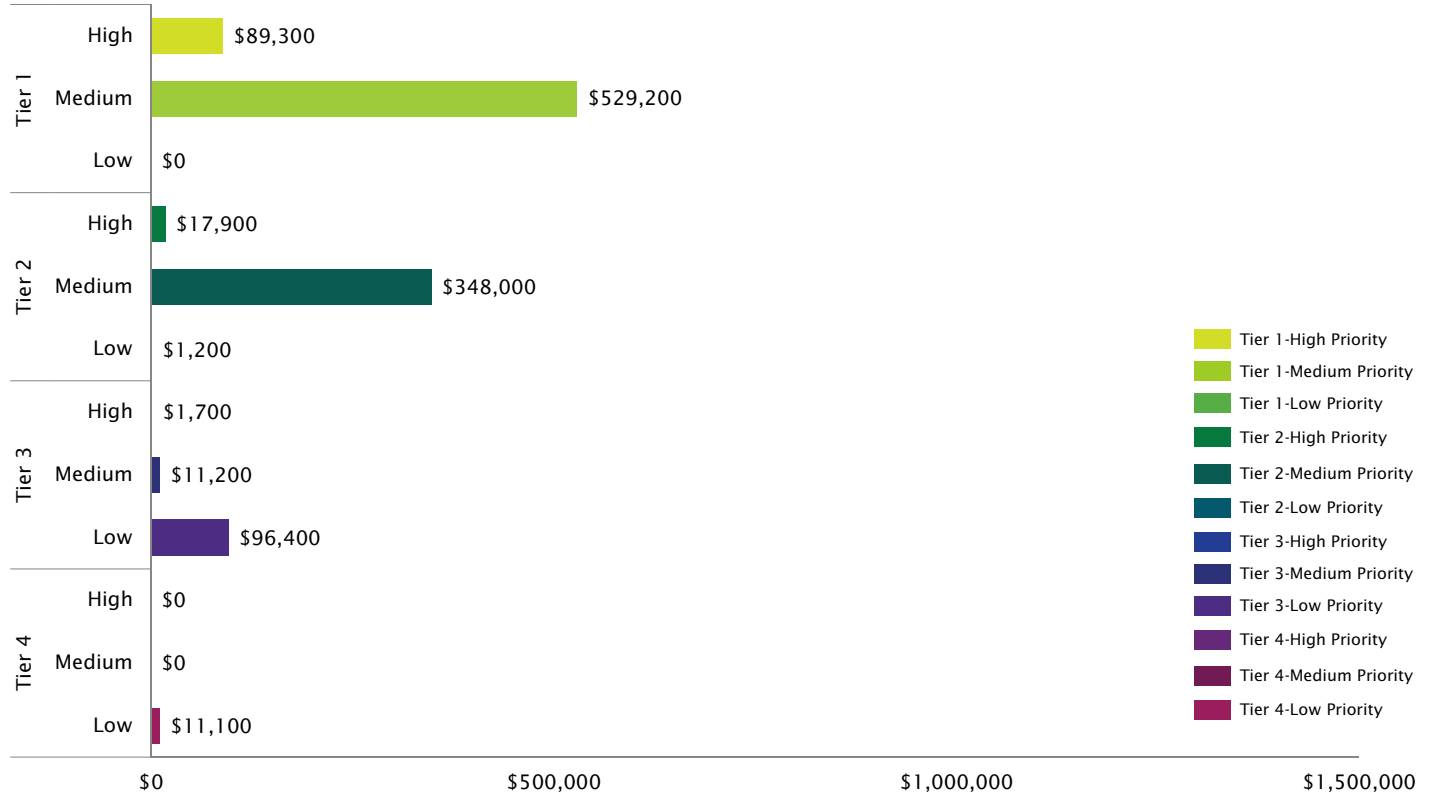
9970 Glenstone Circle
Highlands Ranch, CO 80130
Rock Canyon High School Feeder Area, K-5

Funded by 2000 Bond
Opened in 2005

Site Acreage: 11.8
Facility Square Feet: 56,868
Mobiles on Site: 3

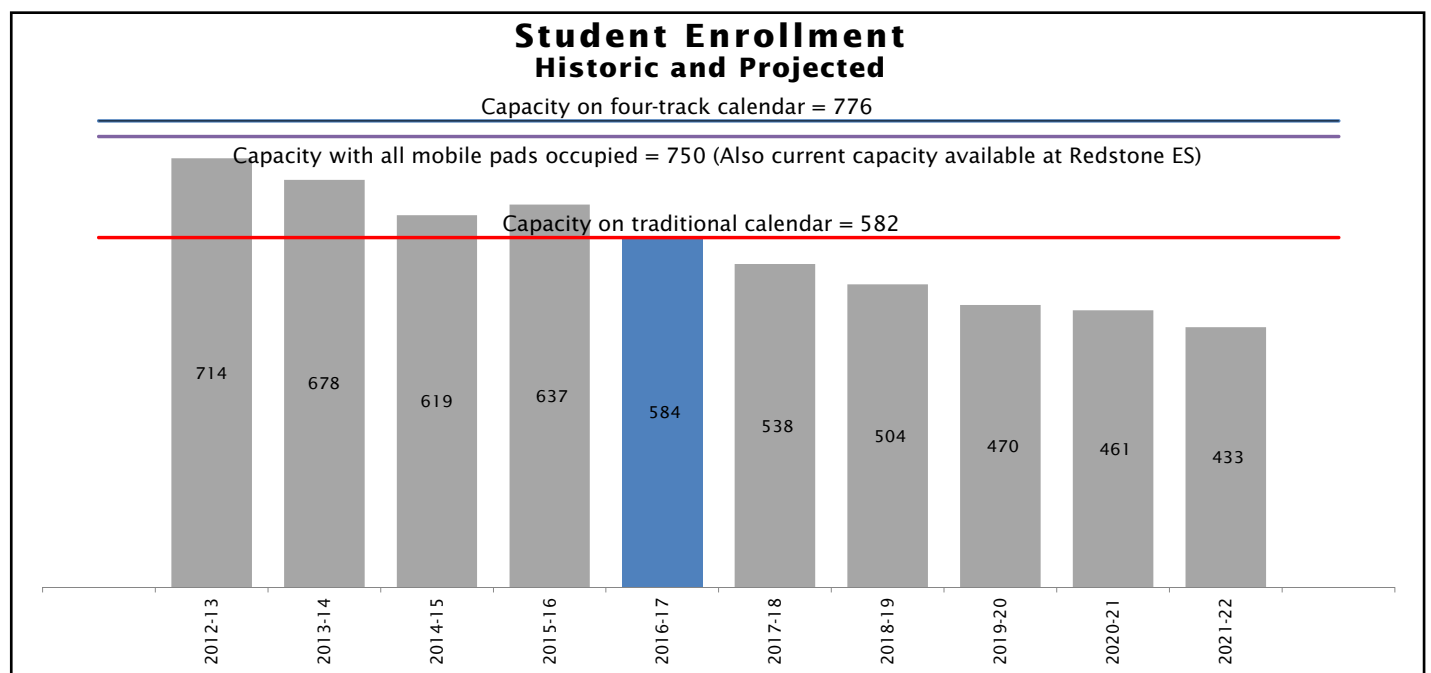
Redstone Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,106,000

Estimated Total Project Costs: \$1,273,200 - \$1,820,590



Following is the list of currently unfunded facility projects at Redstone Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$89,300	\$9000-\$38400	\$4465-\$19199
Tier 1	Medium	Roof Finishes. Needs-Replace .045 EDPM ballasted with .060 EDPM fully adhered	\$529,200	\$53000-\$227600	\$26460-\$113778
	High	Paving and Surfacing. Needs-Repair settling issues at north entry raised ramp area	\$17,900	\$1800-\$7700	\$895-\$3848
	Medium	Exterior Wall Construction. CMU. Needs-CMU needs sealed. Repair cracks at joints left of main entrance and other areas	\$13,300	\$1400-\$5800	\$665-\$2859
	Medium	Exterior Wall Construction. CMU. Needs-Recalk control joints	\$3,400	\$400-\$1500	\$170-\$731
	Medium	Controls and Instrumentation. Needs-Upgrade controls	\$198,500	\$19900-\$85400	\$9925-\$42677
	Medium	Exterior Windows. Needs--Recalk windows	\$13,300	\$1400-\$5800	\$665-\$2859
Tier 2	Medium	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Flooring Carpet. Needs-Replace walk off carpet squares at entries	\$8,300	\$900-\$3600	\$415-\$1784
	Medium	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$44,100	\$4500-\$19000	\$2205-\$9481
	Medium	Paving and Surfacing. Parking Lot. Needs-Repair asphalt as needed	\$44,100	\$4500-\$19000	\$2205-\$9481
	Medium	Retractable Partition. Needs-Refurbish operable partition at gym	\$2,800	\$300-\$1300	\$140-\$602
	Low	Flooring Cafeteria. Needs- Repair gap in VCT near entry area	\$1,200	\$200-\$600	\$60-\$258
	High	Structural Slab on Grade. Needs-Repair crack in floor at staff restroom main floor pod	\$1,700	\$200-\$800	\$85-\$365
Tier 3	Medium	Paving and Surfacing. Sidewalks. Needs-Repair/replace sidewalk at drive through lane south end handicap curb	\$2,800	\$300-\$1300	\$140-\$602
	Medium	Suspended Ceilings. Needs-Replace tile in kitchen. The tiles are stained and dirty	\$2,800	\$300-\$1300	\$140-\$602
	Medium	Planting. Needs-Replace dead plants on east side at stacked pods	\$5,600	\$600-\$2500	\$280-\$1204
	Low	Playing Fields. Multi-use Field. Needs-Reonvate areas of worn grass	\$88,200	\$8900-\$38000	\$4410-\$18963
	Low	Retaining Walls. Needs-Repair retaining wall north side	\$1,700	\$200-\$800	\$85-\$365
	Low	Vinyl Coverings. Needs-Repair vinyl on walls as necessary	\$5,300	\$600-\$2300	\$265-\$1139
	Low	Paint Interior. Needs-Repair damage to column in cafeteria	\$1,200	\$200-\$600	\$60-\$258
Tier 4	Low	Seeding and Sodding. Needs-Renovate areas of worn grass	\$11,100	\$1200-\$4800	\$555-\$2386

Estimated Total Construction Costs (in 2017 Dollars): \$1,106,000
 Estimated Project Management Costs Range: \$111,900 - \$476,800
 Estimated Inflation Range: \$55,300 - \$237,790

Estimated Total Project Costs: \$1,273,200 - \$1,820,590

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

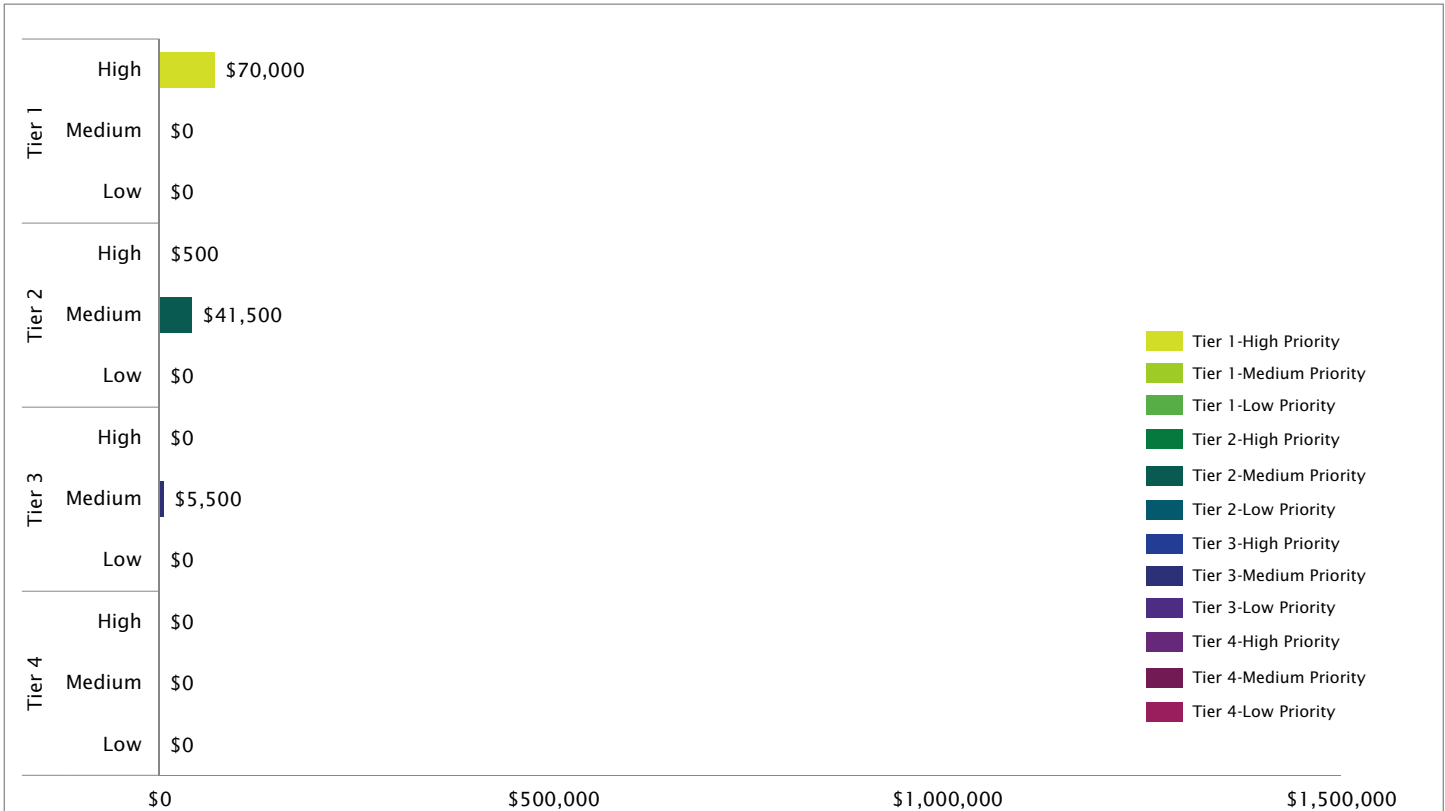
3960 Trail Boss Lane
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, K-6

Funded by 2000 Bond
 Opened in 2006

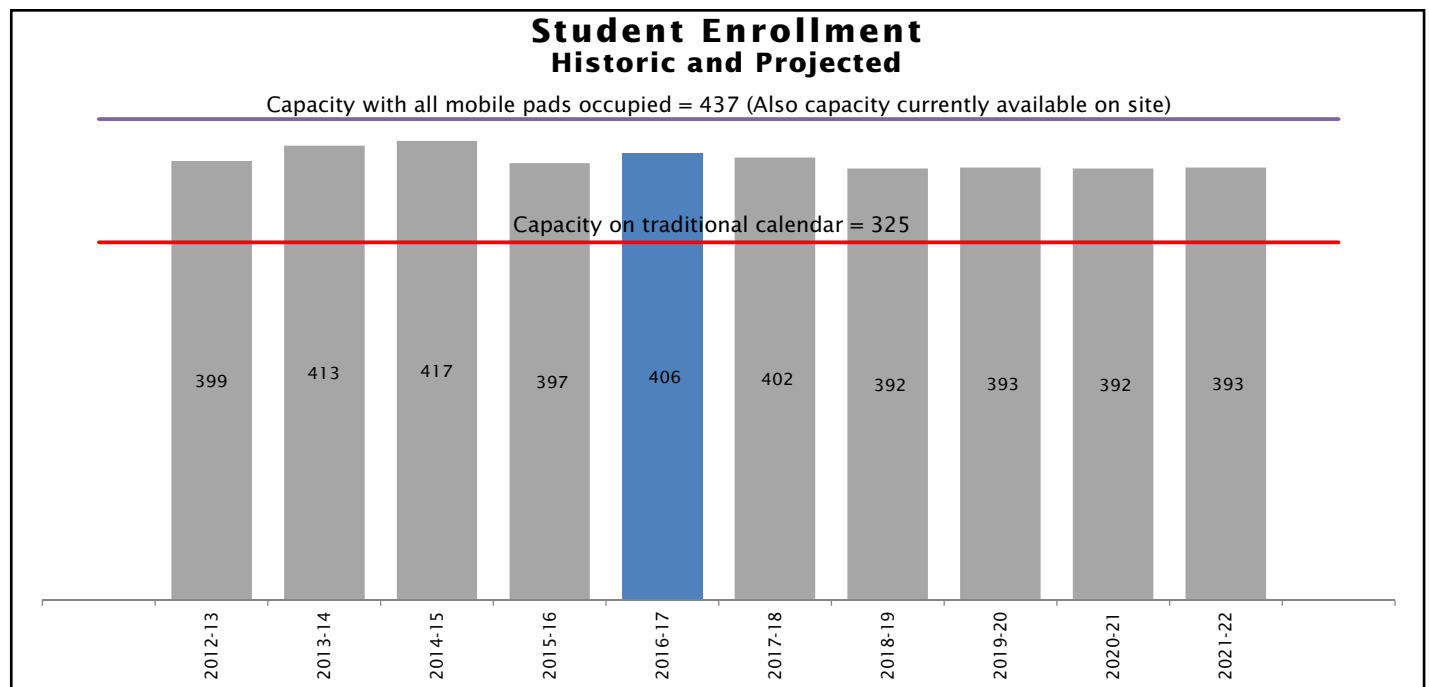
Site Acreage: 16
 Facility Square Feet: 35,863
 Mobiles on Site: 2

Renaissance Expeditionary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$117,500
Estimated Total Project Costs: \$135,375 - \$193,563



Following is the list of currently unfunded facility projects at Renaissance Expeditionary Magnet

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$70,000	\$7000-\$30100	\$3500-\$15050
	High	Energy Supply. Needs-Paint gas piping on roof, starting to corrode	\$500	\$100-\$300	\$25-\$107
Tier 2	Medium	Paving and Surfacing. Parking Lot. Needs-Parking lot has been recently oiled and cracks filled. Cracks starting to open up again.	\$20,000	\$2000-\$8600	\$1000-\$4300
	Medium	Paint Exterior. Needs-Paint exterior. All of the building is paint.	\$7,500	\$800-\$3300	\$375-\$1612
	Medium	Solid Exterior Doors. Needs-Paint exterior doors	\$2,000	\$200-\$900	\$100-\$430
	Medium	Exterior Wall Construction. Precast Concrete. Needs-Repair cracks in walls	\$2,500	\$300-\$1100	\$125-\$537
	Medium	Flooring Hallways/Classrooms. Needs-Replace entry walkoff carpet	\$3,000	\$300-\$1300	\$150-\$645
	Medium	Sink Countertops. Needs-Resurface restroom countertops, 2 total. Main hall adult restrooms not showing as much wear.	\$6,500	\$700-\$2800	\$325-\$1397
Tier 3	Medium	Wall Foundations. Needs-Recaulk foundation walls	\$3,000	\$300-\$1300	\$150-\$645
	Medium	Roof Finishes. Needs-Good condition. Needs-Repair ponding at roof access section, along wall on fully adhered section	\$2,500	\$300-\$1100	\$125-\$537

Estimated Total Construction Costs (in 2017 Dollars): \$117,500

Estimated Project Management Costs Range: \$12,000 - \$50,800

Estimated Inflation Range: \$5,875 - \$595,077

Estimated Total Project Costs: \$135,375 - \$193,563

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

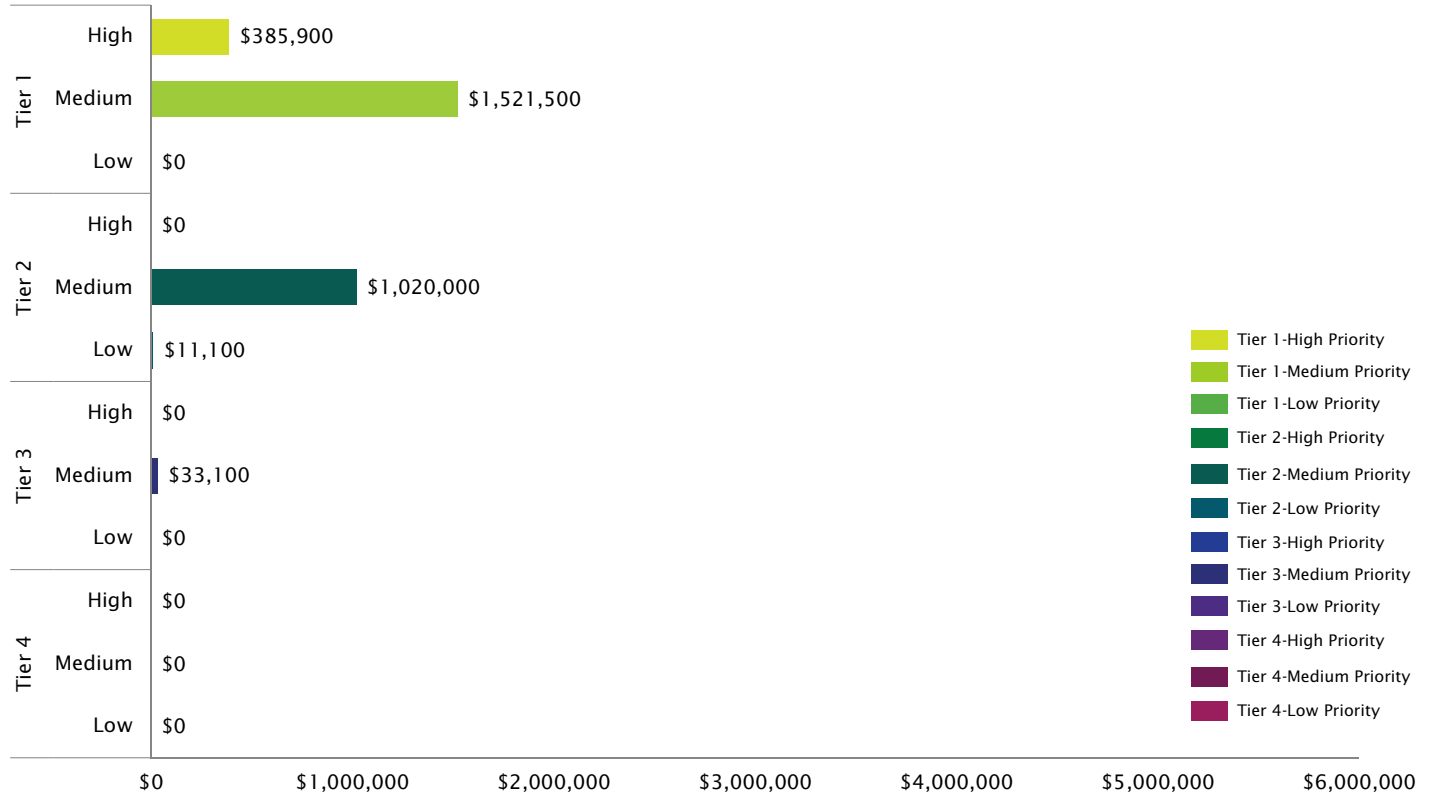
5810 McArthur Ranch Road
 Highlands Ranch, CO 80124
 Rock Canyon High School Feeder Area, 9-12

Funded by 1997 Bond
 Opened in 2003

Site Acreage: 80
 Facility Square Feet: 248,055
 Mobiles on Site: 0

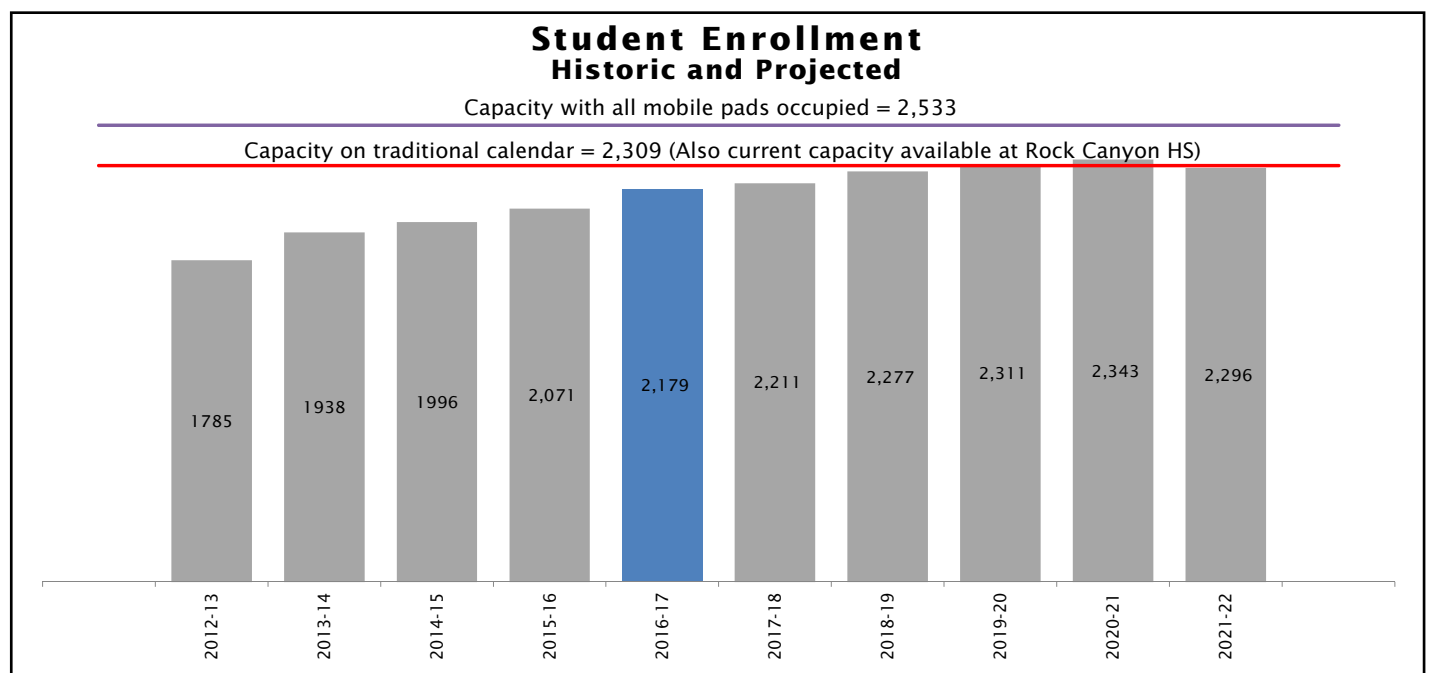
Rock Canyon High School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$2,971,600

Estimated Total Project Costs: \$3,417,980 - \$4,888,794



Following is the list of currently unfunded facility projects at Rock Canyon High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm systems	\$385,900	\$38600-\$166000	\$19295-\$82968
	Medium	Roof Finishes. Needs-Replace .045 ballasted EDPM with .060 fully adhered, does not include F pod	\$1,521,500	\$152200-\$654300	\$76075-\$327122
Tier 2	Medium	Exterior Wall Construction. CMU. Needs-Reseal CMU	\$33,100	\$3400-\$14300	\$1655-\$7116
	Medium	Flooring Gym. Needs-Sand Gym	\$13,200	\$1400-\$5700	\$660-\$2838
	Medium	Controls and Instrumentation. Needs-Upgrade control system	\$330,800	\$33100-\$142300	\$16540-\$71122
	Medium	Exterior Windows. Needs--Recalk windows	\$65,000	\$6500-\$28000	\$3250-\$13975
	Medium	Site Improvements. Needs-Add additional expanded roadways and exit for traffic flow	\$23,200	\$2400-\$10000	\$1160-\$4988
	Medium	Flooring Cafeteria. Needs-VCT cracking and peeling next to windows in commons. Repair as necessary	\$3,400	\$400-\$1500	\$170-\$731
	Medium	Paving and Surfacing. Parking Lot. Needs- Repair/resurface parking lots. Many cracks and potholes starting to form (2015)	\$551,300	\$55200-\$237100	\$27565-\$118529
	Low	Paving and Surfacing. Sidewalks. Needs-Repair minor cracking and movement areas	\$11,100	\$1200-\$4800	\$555-\$2386
Tier 3	Medium	Wall Foundations. Needs-Recalk areas where concrete meets foundation. Area outside North F pod has sunk a couple inches	\$33,100	\$3400-\$14300	\$1655-\$7116

Estimated Total Construction Costs (in 2017 Dollars): \$2,971,600

Estimated Project Management Costs Range: \$297,800 - \$1,278,300

Estimated Inflation Range: \$148,580 - \$638,894

Estimated Total Project Costs: \$3,417,980 - \$4,888,794

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.

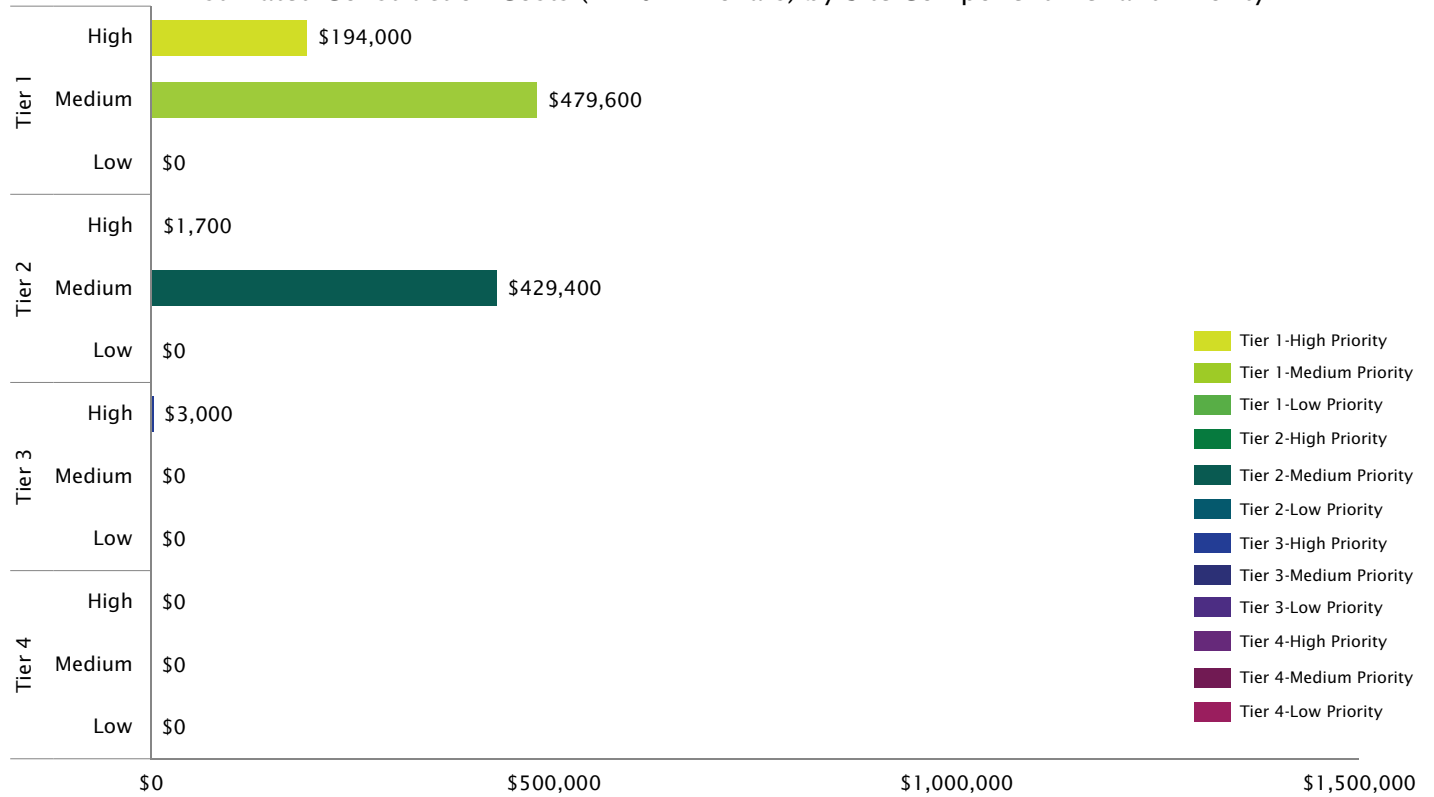
400 North Heritage Road
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, K-6

Funded by 1984 Bond
 Opened in 1988

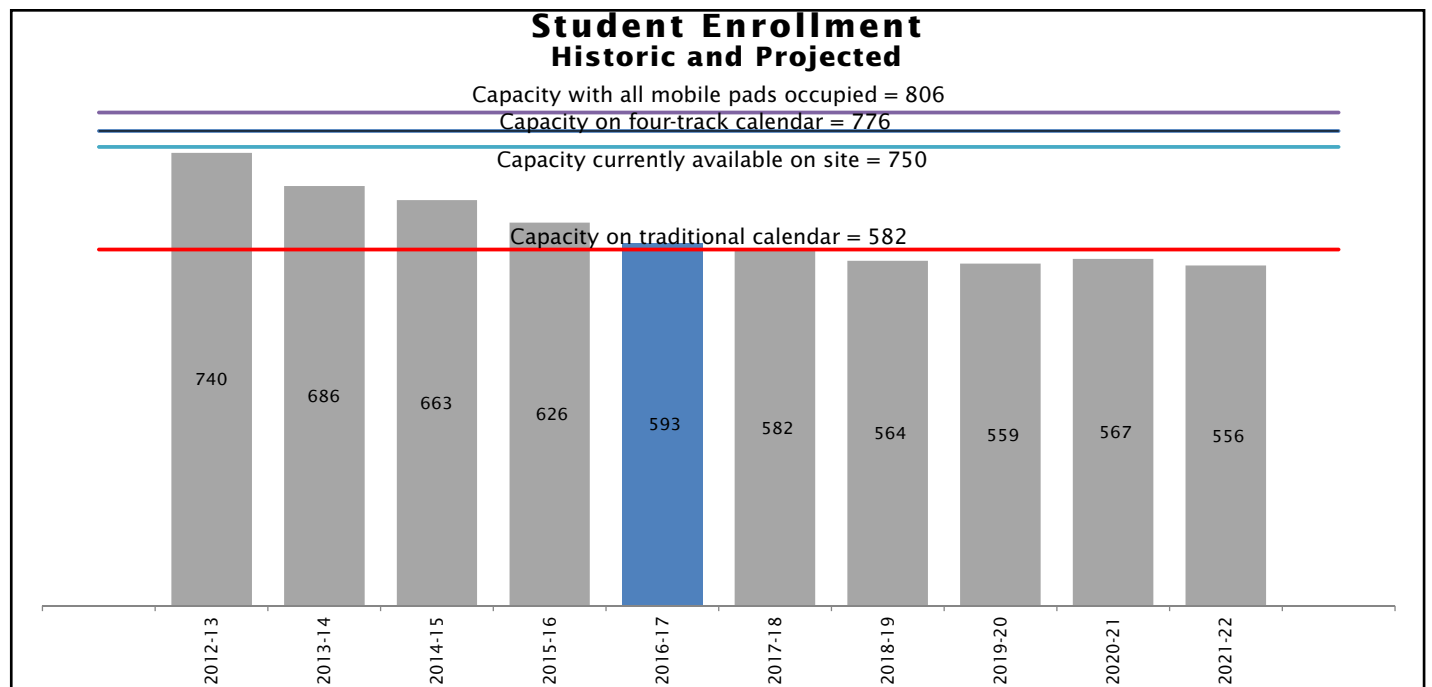
Site Acreage: 7.5
 Facility Square Feet: 53,237
 Mobiles on Site: 3

Rock Ridge Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,107,700
Estimated Total Project Costs: \$1,274,285 - \$1,822,556



Following is the list of currently unfunded facility projects at Rock Ridge Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Clock and Program Systems. Needs-Upgrade clock system	\$19,700	\$2000-\$8500	\$985-\$4235
	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$89,300	\$9000-\$38400	\$4465-\$19199
	High	Panels and Transformers. Needs-Replace original panels and transformers	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Switchgear-Main. Needs-Replace main switchgear	\$42,500	\$4300-\$18300	\$2125-\$9137
	Medium	Roof Finishes. Needs-Replace.045 ballasted (2005) with .060 fully adhered	\$479,600	\$48000-\$206300	\$23980-\$103114
	High	Flooring Restroom. Needs-Replace original sheet vinyl flooring in staff restrooms	\$1,700	\$200-\$800	\$85-\$365
Tier 2	Medium	Fixed Casework. Needs-Replace all original fixed casework in classrooms and offices	\$162,000	\$16200-\$69700	\$8100-\$34830
	Medium	Controls and Instrumentation. Needs-Upgrade controls	\$198,500	\$19900-\$85400	\$9925-\$42677
	Medium	Flooring Kitchen. Needs-Replace kitchen flooring	\$48,700	\$4900-\$21000	\$2435-\$10470
	Medium	Sink Countertops. Needs-Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Wall Finishes. Vinyl Walls have a lot of tears, patches, water damage and seams coming apart in hallways and pods. Bathroom halls have colored vinyl that need replaced. All entrances need replaced. Due to water issue it may be better to leave the vin	\$3,000	\$300-\$1300	\$150-\$645

Estimated Total Construction Costs (in 2017 Dollars): \$1,107,700

Estimated Project Management Costs Range: \$111,200 - \$476,700

Estimated Inflation Range: \$55,385 - \$238,156

Estimated Total Project Costs: \$1,274,285 - \$1,822,556

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.

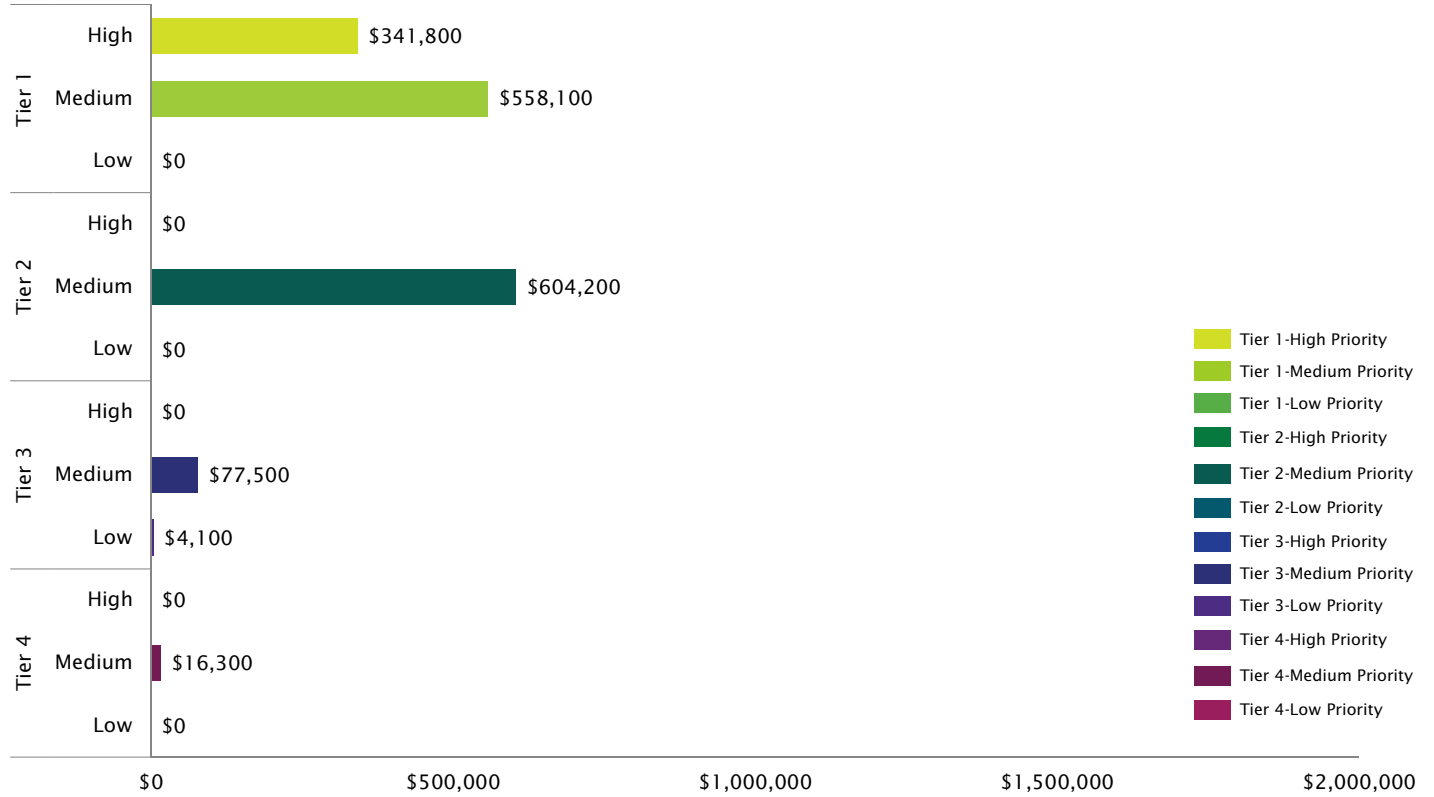
11033 Monarch Boulevard
Highlands Ranch, CO 80124
Rock Canyon High School Feeder Area, 6-8

Funded by 1997 Bond
Opened in 2003

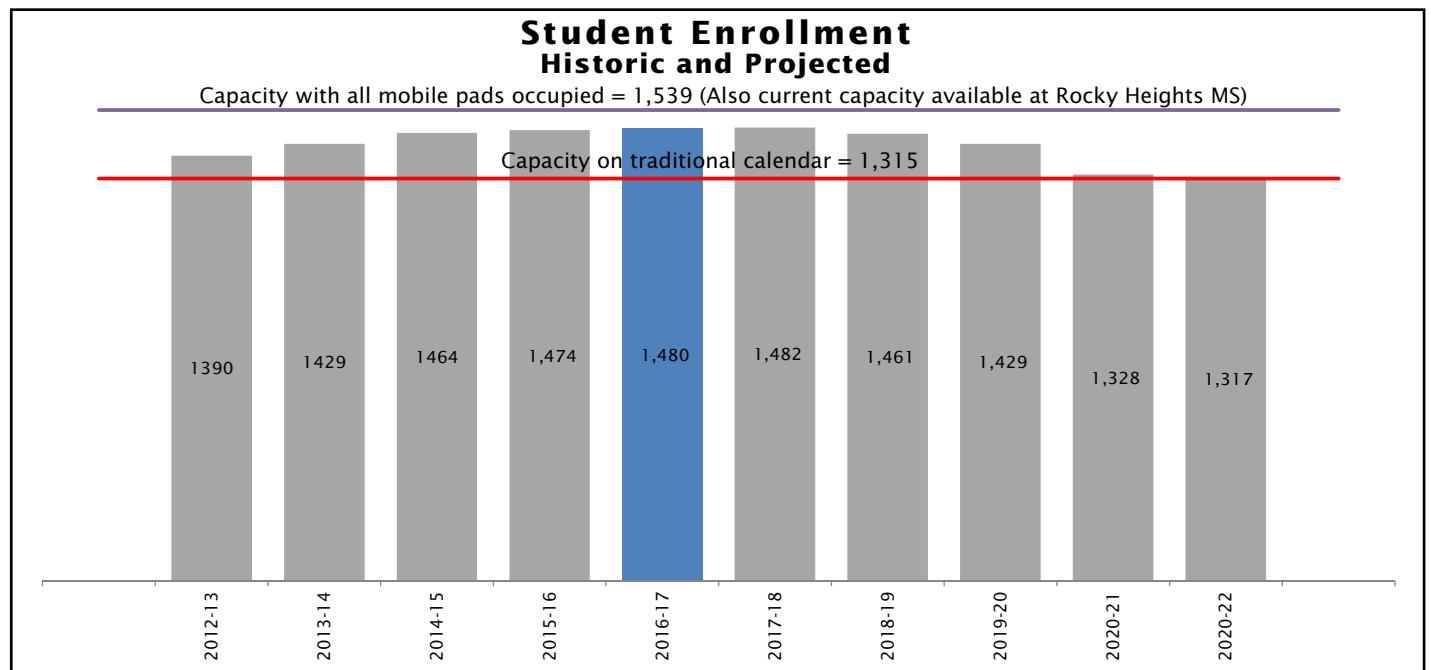
Site Acreage: 23.3
Facility Square Feet: 136,760
Mobiles on Site: 5

Rocky Heights Middle School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,602,000
Estimated Total Project Costs: \$1,843,500 - \$2,636,230



Following is the list of currently unfunded facility projects at Rocky Heights Middle School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$341,800	\$34200-\$147000	\$17090-\$73487
	Medium	Controls. Needs-Replace Trane control system	\$550,000	\$55000-\$236500	\$27500-\$118250
	Medium	Fixed Multiple Seating. Bleachers. Needs-Repair bleachers in gym	\$6,100	\$700-\$2700	\$305-\$1311
	Medium	Chilled Water Systems. Needs-Clean cooling tower	\$2,000	\$200-\$900	\$100-\$430
Tier 2	Medium	Exterior Wall Construction. Needs-Recaulk building control joints	\$4,700	\$500-\$2100	\$235-\$1010
	Medium	Flooring Gym. Needs-Sand Gym	\$13,200	\$1400-\$5700	\$660-\$2838
	Medium	Exterior Windows. Needs-Recaulk windows	\$22,800	\$2300-\$9900	\$1140-\$4902
	Medium	Fabricated Toilet Partitions. Needs-Replace toilet partitions in all restrooms	\$60,800	\$6100-\$26200	\$3040-\$13072
	Medium	Flooring Carpet. Needs-Carpet showing wear in high traffic areas. Look at replacement before lifecycle	\$255,100	\$25600-\$109700	\$12755-\$54846
	Medium	Flooring Restroom. Needs-Replace sheet vinyl with poured acrylic	\$48,700	\$4900-\$21000	\$2435-\$10470
	Medium	Paint Exterior. Needs-Paint exterior trim and doors	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Retractable Partition. Needs-Repair operable partitions in pods	\$16,300	\$1700-\$7100	\$815-\$3504
	Medium	Sink Countertops. Needs-Replace sink countertops in all restrooms with single surface	\$36,400	\$3700-\$15700	\$1820-\$7826
	Medium	Sinks. Needs-Replace with sink countertops, single surface	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Solid Exterior Doors. Needs-Recaulk door frames	\$900	\$100-\$400	\$45-\$193
	Medium	Flooring Cafeteria. Needs-Replace VCT	\$11,600	\$1200-\$5000	\$580-\$2494
	Medium	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$97,200	\$9800-\$41800	\$4860-\$20898
Tier 3	Medium	Wall Foundations. Needs-Recaulk areas where concrete meets foundation walls	\$4,600	\$500-\$2000	\$230-\$989
	Medium	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$64,800	\$6500-\$27900	\$3240-\$13932
	Medium	Upper floor. Needs-Some movement occurring south of commons expansion joint. Carpet splitting, wall joint separation	\$8,100	\$900-\$3500	\$405-\$1741
	Low	Vinyl Covering. Needs-Repair areas of vinyl wall covering	\$4,100	\$500-\$1800	\$205-\$881
Tier 4	Medium	Other Landscape Features. Needs-Renovate areas of landscaping around school. Many patches of bare ground	\$16,300	\$1700-\$7100	\$815-\$3504

Estimated Total Construction Costs (in 2017 Dollars): \$1,602,000

Estimated Project Management Costs Range: \$161,400 - \$689,800

Estimated Inflation Range: \$80,100 - \$344,430

Estimated Total Project Costs: \$1,843,500 - \$2,636,230

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.

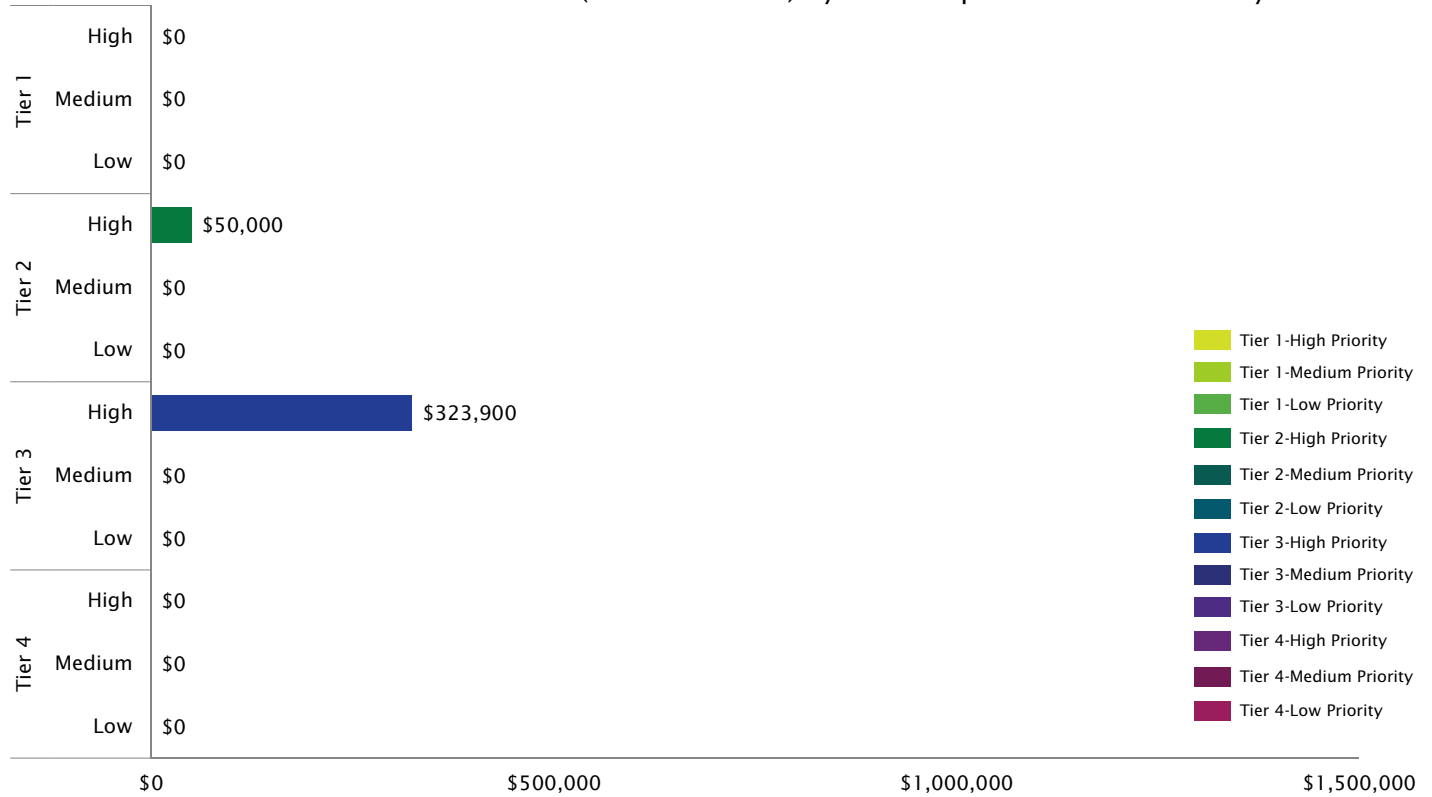
7370 Village Circle East
 Littleton, CO 80125
 ThunderRidge High School Feeder Area, 3-6

Funded by 2006 Bond
 Opened in 2008

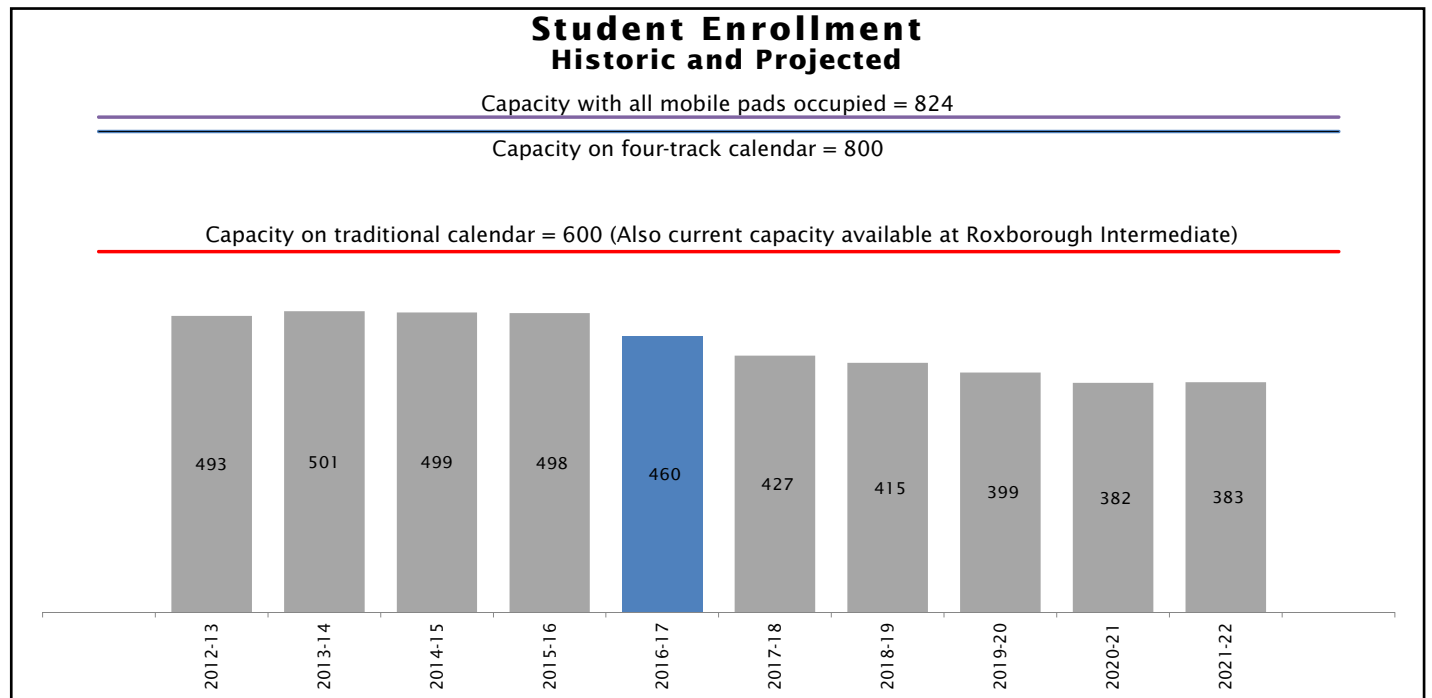
Site Acreage: 14
 Facility Square Feet: 68,751
 Mobiles on Site: 0

Roxborough Intermediate School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$373,900
Estimated Total Project Costs: \$429,995 - \$615,089



Following is the list of currently unfunded facility projects at Roxborough Intermediate School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 2	High	Special Foundations. Needs-Repair retaining wall movement where it attaches to building foundation	\$50,000	\$5000-\$21500	\$2500-\$10750
Tier 3	High	Playing Fields. Multi-use Field. Needs-Install synthetic turf field in lieu of grass field.	\$323,900	\$32400-\$139300	\$16195-\$69638

Estimated Total Construction Costs (in 2017 Dollars): \$373,900
 Estimated Project Management Costs Range: \$37,400 - \$160,800
 Estimated Inflation Range: \$18,695 - \$80,389

Estimated Total Project Costs: \$429,995 - \$615,089

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



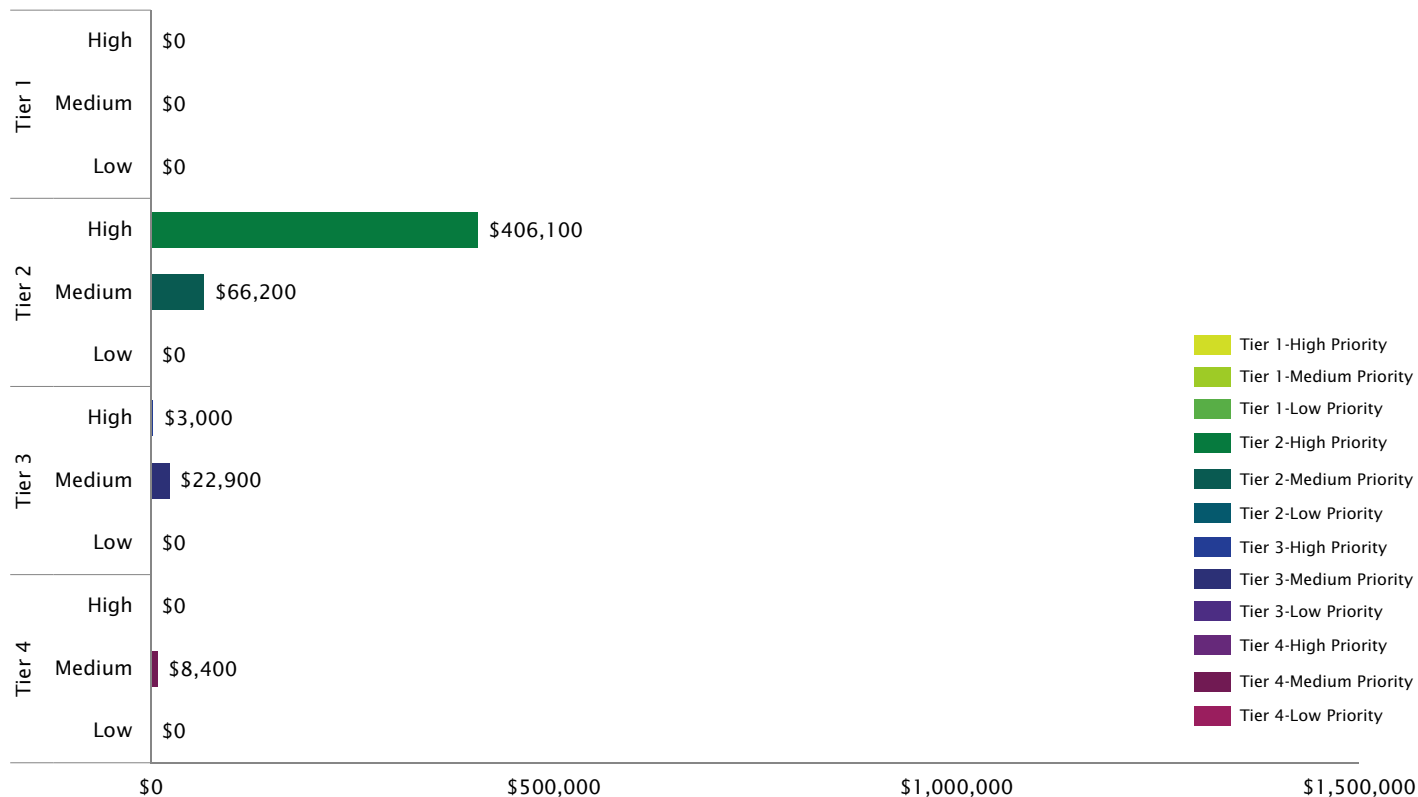
Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

8000 Village Circle West
 Littleton, CO 80125
 ThunderRidge High School Feeder Area, K-2

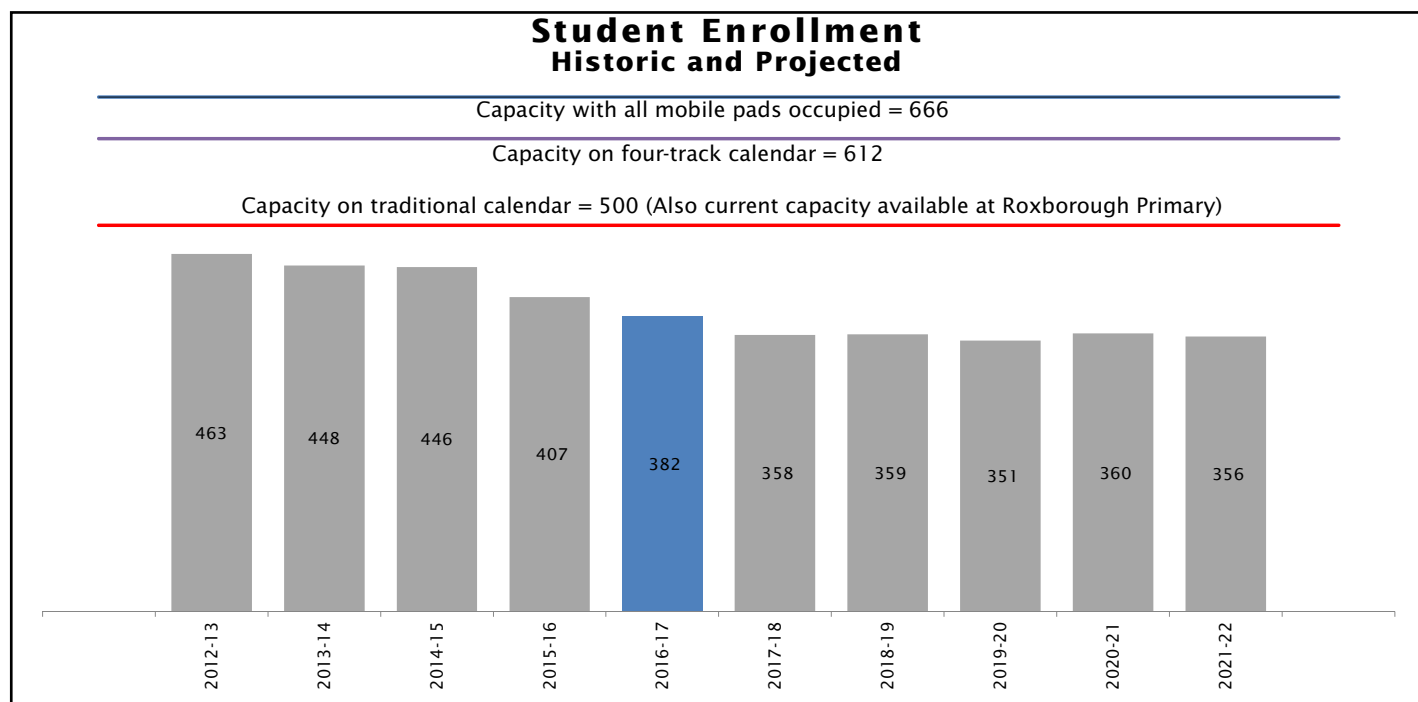
Funded by 1989 Bond
 Opened in 1991

Site Acreage: 12.4
 Facility Square Feet: 53,491
 Mobiles on Site: 0

Roxborough Primary School-Identified Facility Projects Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$506,600
Estimated Total Project Costs: \$583,230 - \$834,319



Following is the list of currently unfunded facility projects at Roxborough Primary School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 2	High	Exterior Wall Construction. CMU and Brick. Needs-Recoat CMU weatherproofing. Repair cracks in block	\$15,900	\$1600-\$6900	\$795-\$3418
	High	Exterior Wall Construction. Needs-Recalk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Exterior Windows. Needs-Replace exterior windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Exterior Windows. Needs-Replace hollow metal exterior windows	\$83,000	\$8300-\$35700	\$4150-\$17845
	High	Exterior Windows. Needs-Recalk windows	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Lavatories. Needs-Replace faucets at all lavatories.	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Flooring Gym. Needs-Replace tartan floor	\$27,600	\$2800-\$11900	\$1380-\$5934
	High	Other Doors & Entrances. Needs-Replace hollow metal doors at entry	\$8,400	\$900-\$3700	\$420-\$1806
	High	Paving & Surfacing, Sidewalks. Needs-Repair/Replace areas of sidewalk	\$36,300	\$3700-\$15700	\$1815-\$7804
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$53,600	\$5400-\$23100	\$2680-\$11524
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Playing Fields. Playground. Needs-Repair/reseal asphalt	\$15,600	\$1600-\$6800	\$780-\$3354
	Medium	Flooring Kitchen. Needs-Replace kitchen flooring with poured acrylic	\$66,200	\$6700-\$28500	\$3310-\$14233
Tier 3	High	Wall Foundations. Needs-Recalk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	Medium	Vinyl Coverings. Needs-Repair sections of vinyl wall covering	\$6,300	\$700-\$2800	\$315-\$1354
	Medium	Interior Doors. Needs-Refinish wood doors	\$16,600	\$1700-\$7200	\$830-\$3569
Tier 4	Medium	Other Landscape Features. Needs-Repair drainage issues	\$8,400	\$900-\$3700	\$420-\$1806

Estimated Total Construction Costs (in 2017 Dollars): \$506,600
 Estimated Project Management Costs Range: \$51,300 - \$218,800
 Estimated Inflation Range: \$25,330 - \$108,919

Estimated Total Project Costs: \$583,230 - \$834,319

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

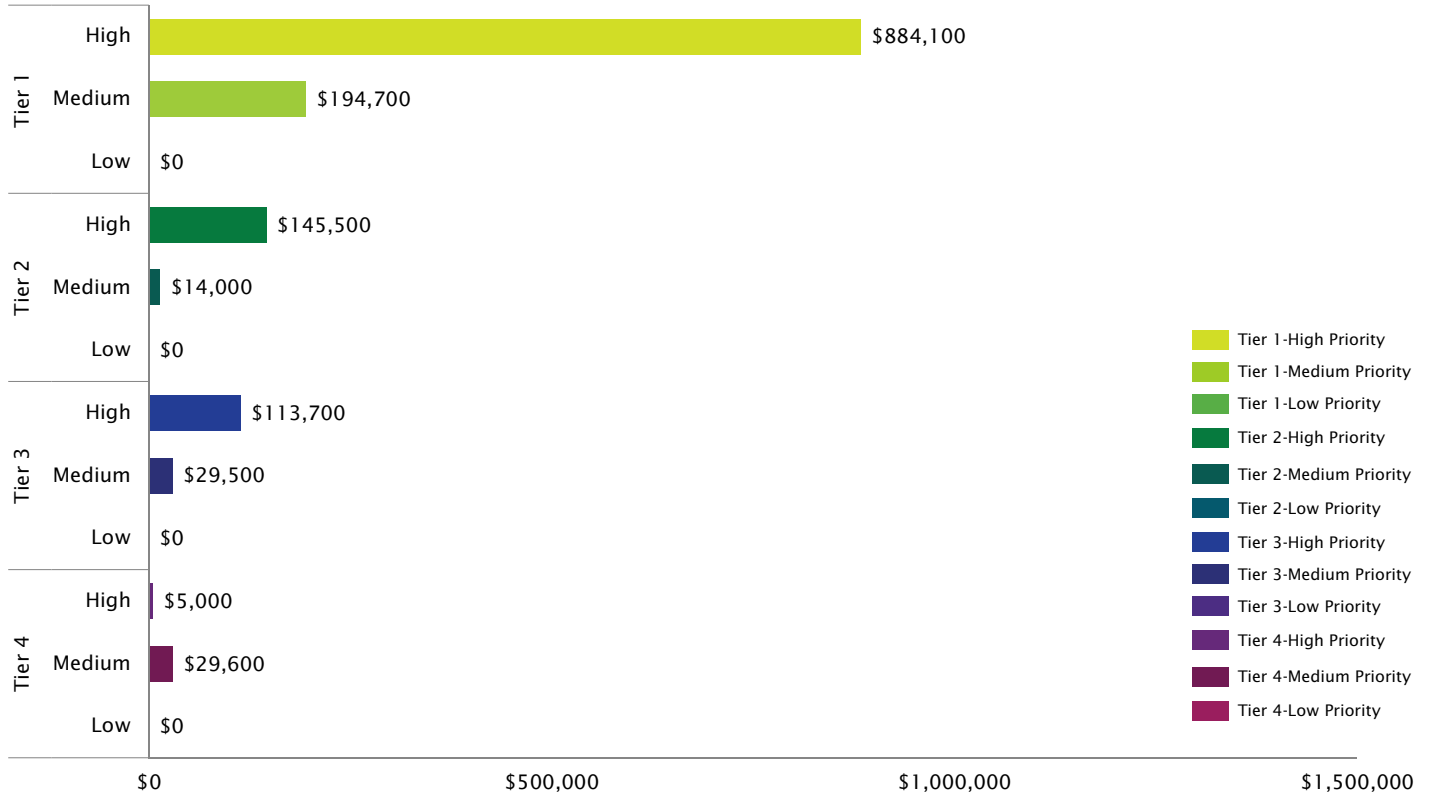
805 West English Sparrow Trail
Highlands Ranch, CO 80129
ThunderRidge High School Feeder Area, K-6

Funded by 1997 Bond
Opened in 2001

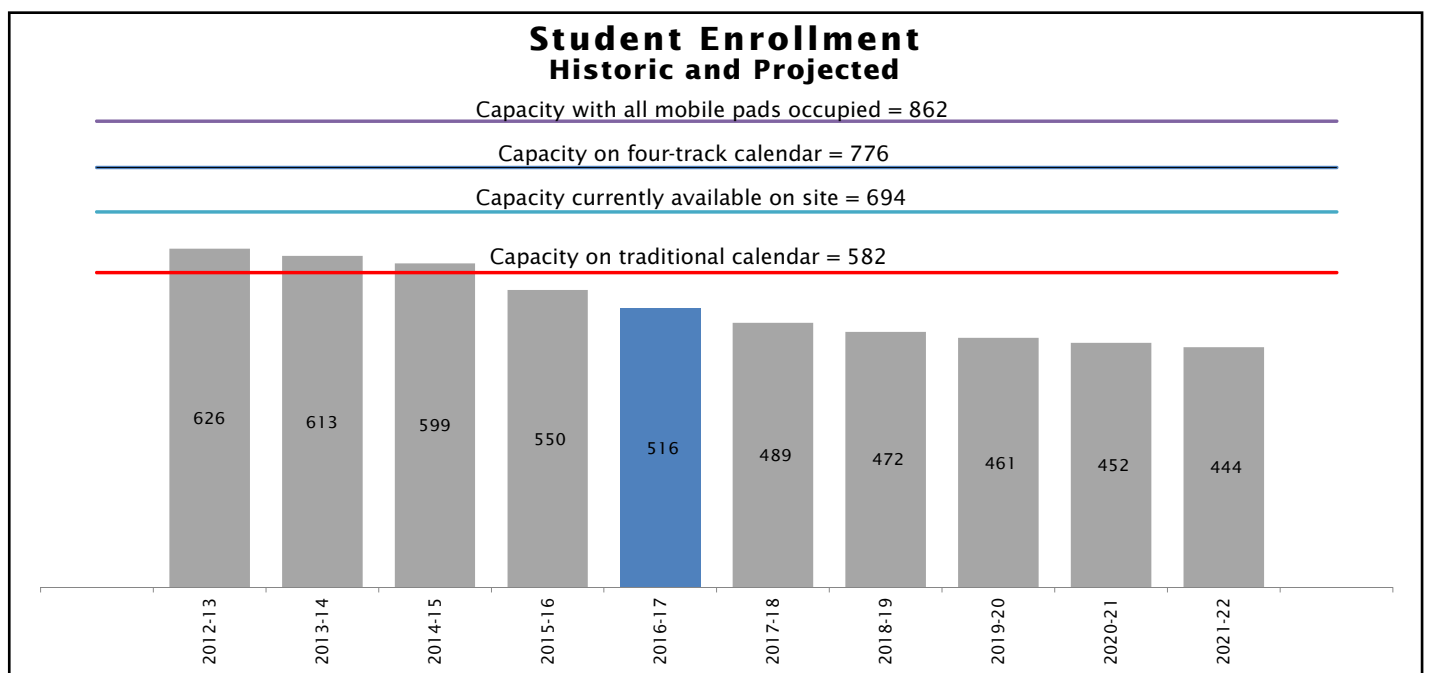
Site Acreage:10
Facility Square Feet: 51,688
Mobiles on Site: 2

Saddle Ranch Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,416,100
Estimated Total Project Costs: \$1,629,305 - \$2,330,762



Following is the list of currently unfunded facility projects at Saddle Ranch Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$76,600	\$7700-\$33000	\$3830-\$16469
	High	Roof Finishes. Needs-Replace .045 EDPM ballasted roof with .060 EDPM fully adhered	\$716,700	\$71700-\$308200	\$35835-\$154090
	High	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Replace generator	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Chilled Water Systems. Chiller, cooling tower. Needs-Replace cooling tower, chiller has excessive starts, may need replaced before lifecycle	\$50,000	\$5000-\$21500	\$2500-\$10750
	High	Irrigation Systems. Needs-Replace irrigation controllers and sprinkler heads	\$24,600	\$2500-\$10600	\$1230-\$5289
	Medium	Door Hardware. Needs-Replace door hardware, install restricted key system	\$150,000	\$15000-\$64500	\$7500-\$32250
	Medium	Local Area Networks. ITS/Head End Equipment. Needs-Expanded or new MDF closet (minimum 10'X10')	\$44,700	\$4500-\$19300	\$2235-\$9610
Tier 2	High	Exterior Wall Construction. CMU. Needs- Re-seal CMU. Repair stress cracks from settling. Re-caulk all joints.	\$15,000	\$1500-\$6500	\$750-\$3225
	High	Exterior Windows. Needs-Fix storefront window and hallway skylight leakage.	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Exterior Windows. Needs-Recalk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Fabricated Toilet Partitions. Needs-Replace Boys/girls and main hallway restrooms, 8 total	\$28,200	\$2900-\$12200	\$1410-\$6063
	High	Flooring Restrooms. Needs-Replace sheet vinyl flooring with MMA, all restrooms	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Public Address and Music Systems. Gym sound system. Needs-Replace current Advance system	\$9,400	\$1000-\$4100	\$470-\$2021
	High	Roof Hatches. Needs-Replace, latch bad, weather stripping is deteriorating	\$9,400	\$1000-\$4100	\$470-\$2021
	High	Sink Countertops. Needs- Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$6,600	\$700-\$2900	\$330-\$1419
	Medium	Fixed Casework. Needs-Art room countertop needs resurfaced, relace FRP behind sinks	\$3,500	\$400-\$1600	\$175-\$752
Medium	Operable Partition. Needs-Minor repairs needed at cafeteria/gym. Classrooms in good condition	\$10,500	\$1100-\$4600	\$525-\$2257	
Tier 3	High	Wall Foundations. Needs-Recalk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
	High	Playing fields. Multi-use field. Needs-Renovate multi-use field. Reseeding and resodding	\$110,700	\$11100-\$47700	\$5535-\$23800
	Medium	Fences and Gates. Needs-Replace gates and dumpster enclosure	\$6,000	\$600-\$2600	\$300-\$1290
	Medium	Miscellaneous Structures. Needs-Replace top on shade structure.	\$5,000	\$500-\$2200	\$250-\$1075
	Medium	Fences and Gates. Needs-Install new fence at playground next to basketball court.	\$3,000	\$300-\$1300	\$150-\$645
	Medium	Retaining Walls. Needs-Install retaining walls where needed.	\$6,000	\$600-\$2600	\$300-\$1290
	Medium	Planting. Needs-Replace and add plant material around building.	\$4,500	\$500-\$2000	\$225-\$967
	Medium	Vinyl Coverings. Needs-Minor repairs	\$5,000	\$500-\$2200	\$250-\$1075
Tier 4	High	Seeding and sodding. Needs-Seed, sod, and top dress areas around school	\$5,000	\$500-\$2200	\$250-\$1075
	Medium	Other Landscape Features. Needs-Repair area between parking lot and main drive. Rock gets pushed into both areas	\$29,600	\$3000-\$12800	\$1480-\$6364

Estimated Total Construction Costs (in 2017 Dollars): \$1,416,100
 Estimated Project Management Costs Range: \$142,400 - \$610,200
 Estimated Inflation Range: \$70,805 - \$304,462

Estimated Total Project Costs: \$1,629,305 - \$2,330,762

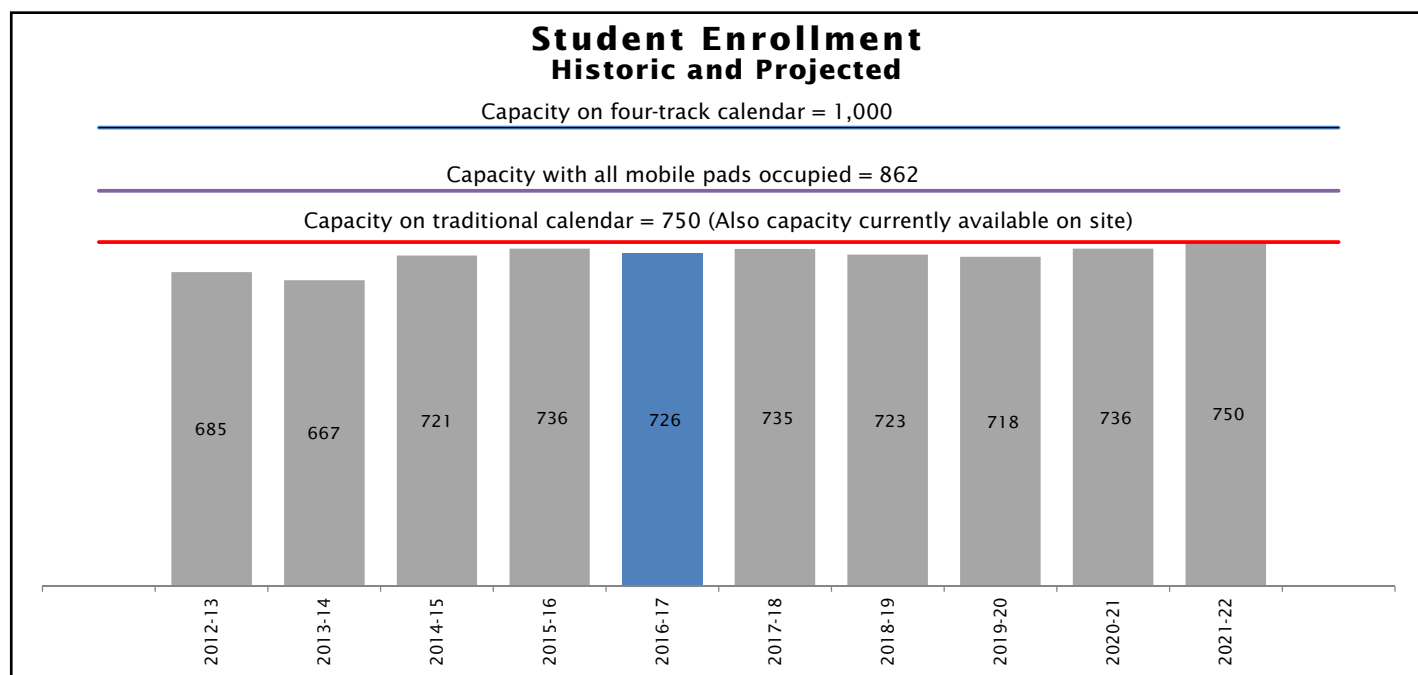
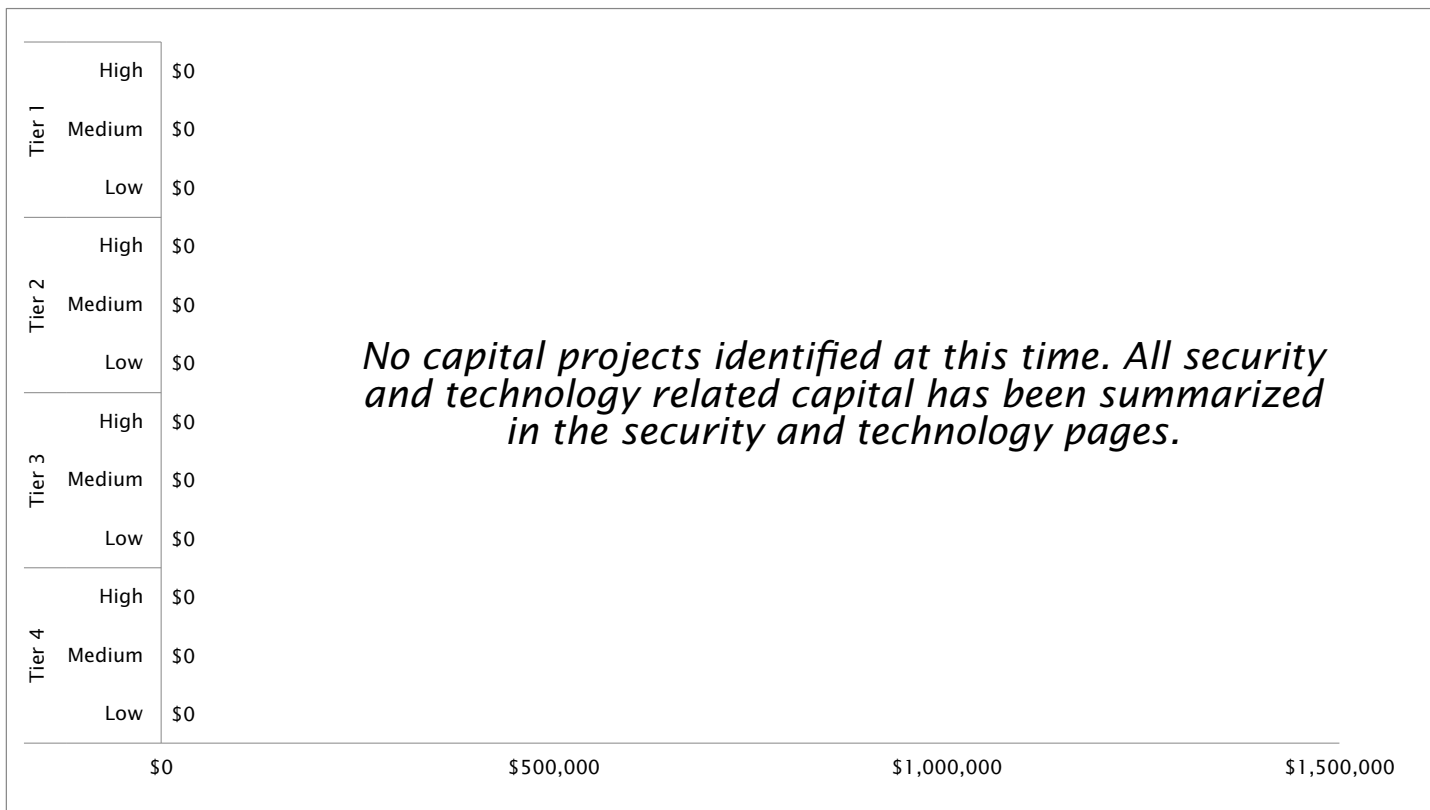
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

2420 Autumn Sage Street
 Castle Rock, CO 80104
 Mountain Vista High School Feeder Area, K-6

Funded by 2006 Bond
 Opened in 2010

Site Acreage:10
 Facility Square Feet: 73,146
 Mobiles on Site: 0

Sage Canyon Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs

No capital projects identified at this time. All security and technology related capital has been summarized in the security and technology pages.

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

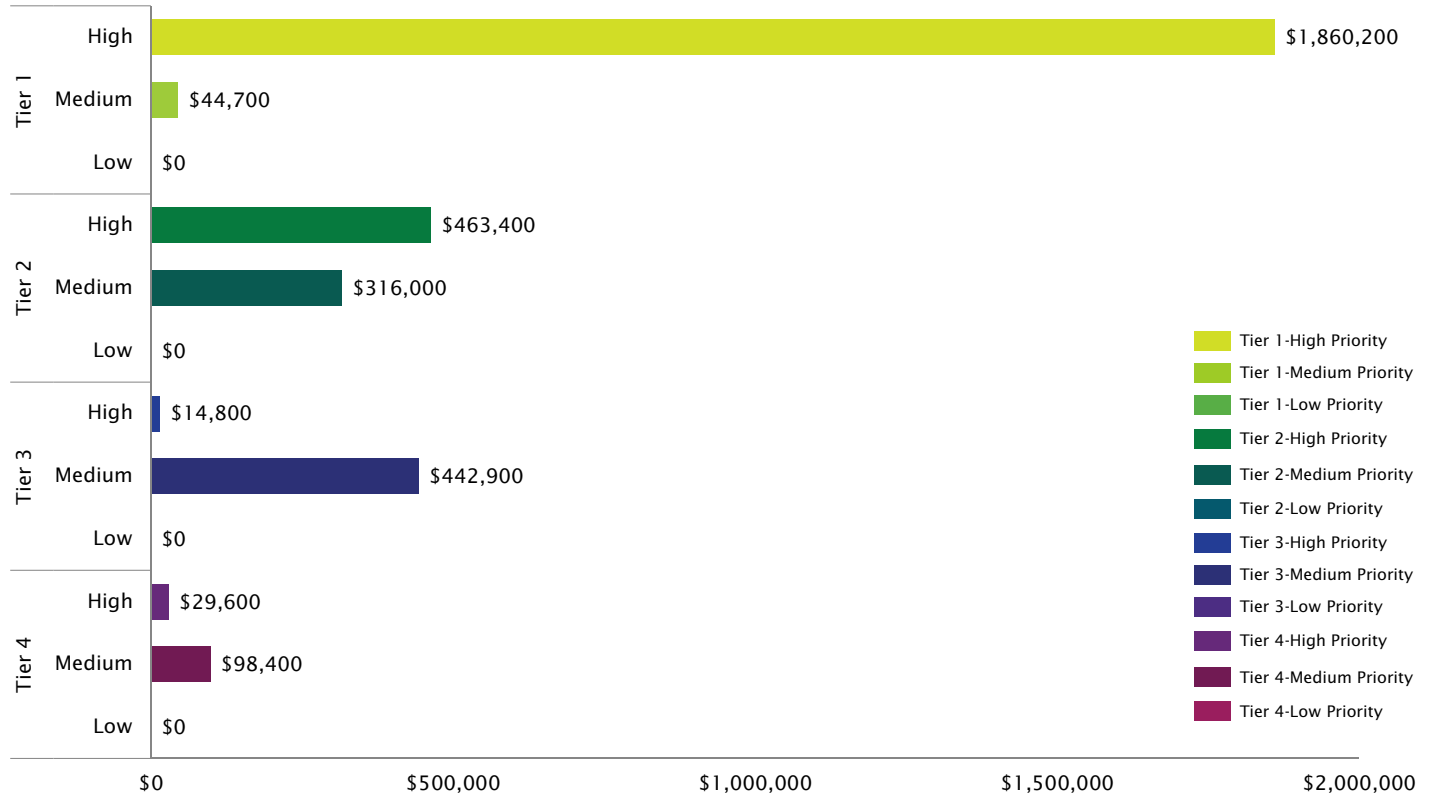
4725 Fox Sparrow Drive
 Parker, CO 80134
 Ponderosa High School Feeder Area, 6-8

Funded by 1995 Bond
 Opened in 1997

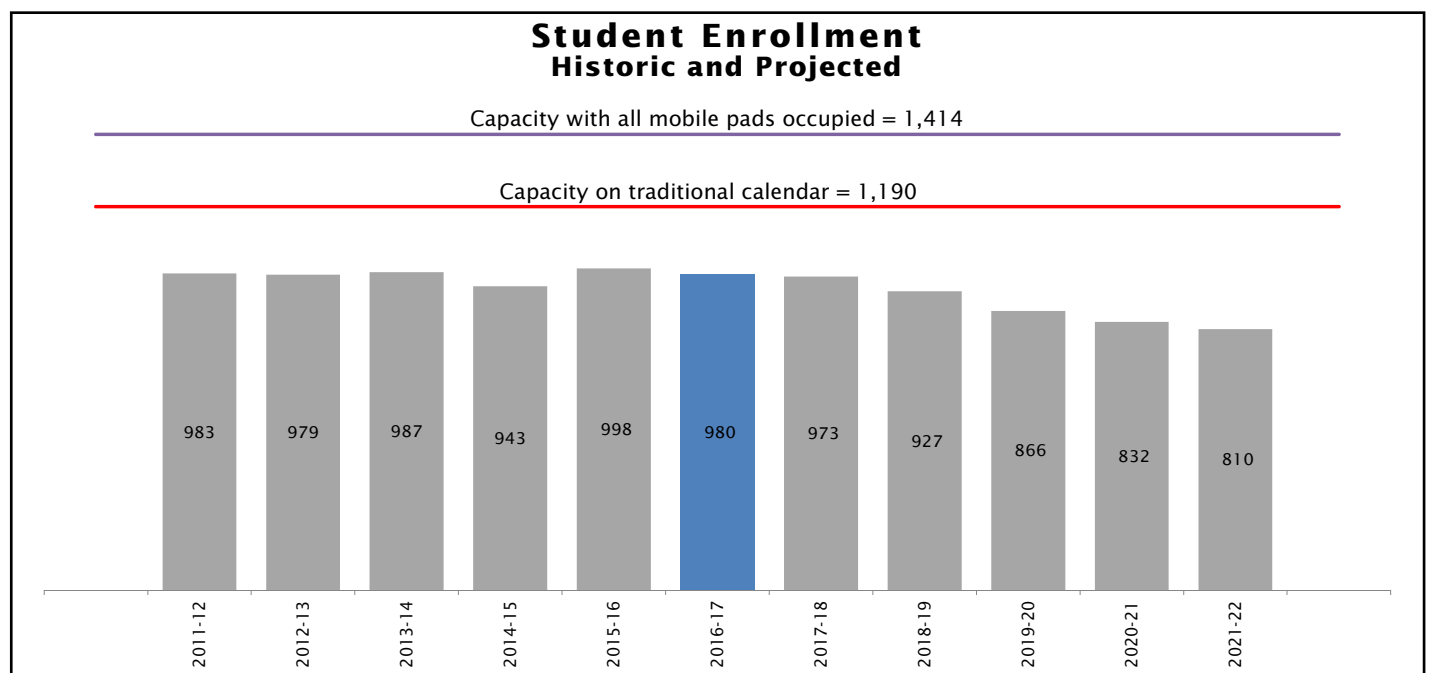
Site Acreage: 23.3
 Facility Square Feet: 127,951
 Mobiles on Site: 0

Sagewood Middle School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$3,270,000
Estimated Total Project Costs: \$3,761,800 - \$5,380,650



Following is the list of currently unfunded facility projects at Sagewood Middle School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade Delta version 2 to version 3	\$334,100	\$33500-\$143700	\$16705-\$71831
	High	Emergency Light and Power Systems. Replace generator	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Fixed Multiple Seating. Repair/replace gym bleachers	\$40,000	\$4000-\$17200	\$2000-\$8600
	High	Flashings and Trim. Needs-Replace flashing when new roof installed	\$18,800	\$1900-\$8100	\$940-\$4042
	High	Glazed Roof Openings. Skylights. Needs-Replace 4 skylights	\$18,800	\$1900-\$8100	\$940-\$4042
	High	Interior Door Hardware. Needs-Replace door hardware, install restricted key system	\$275,000	\$27500-\$118300	\$13750-\$59125
	High	Roof Insulation and Fill. Needs-Replace 25% of insulation when roof replaced	\$37,500	\$3800-\$16200	\$1875-\$8062
	High	Roof Finishes. Needs-Replace roof with .060 fully adhered EDPM. Current .060 fully ballasted. Bridging occurring at parapet	\$921,700	\$92200-\$396400	\$46085-\$198165
	High	Chilled Water Systems. Chiller, cooling tower. Needs- Repair/replace cooling tower	\$75,000	\$7500-\$32300	\$3750-\$16125
	High	Irrigation Systems. Needs-Upgrade irrigation system, add booster pump	\$123,100	\$12400-\$53000	\$6155-\$26466
	Medium	Local Area Networks. ITS/Head End Equipment. Needs- Expanded or new MDF closet (minimum 10'X10')	\$44,700	\$4500-\$19300	\$2235-\$9610
Tier 2	High	Exterior Wall Construction. CMU and Brick. Needs-Repair cracks and caulk all joints on exterior brick walls	\$4,800	\$500-\$2100	\$240-\$1032
	High	Exterior Windows. Needs-Recalk windows	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Fabricated Toilet Partitions. Needs-Replace toilet partitions in 6 boys and 6 girls restrooms	\$58,500	\$5900-\$25200	\$2925-\$12577
	High	Sink Countertops. Needs- Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Curbs, Rails and Barriers. Repair curbs at parking lot area	\$98,500	\$9900-\$42400	\$4925-\$21177
	High	Flooring Cafeteria. Repair/replace VCT in commons.	\$29,800	\$3000-\$12900	\$1490-\$6407
	High	Flooring Hallways/classrooms Needs-Replace health room flooring	\$2,700	\$300-\$1200	\$135-\$580
	High	Flooring Hallways/Classrooms. Repair VCT in copy center	\$1,000	\$100-\$500	\$50-\$215
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$73,900	\$7400-\$31800	\$3695-\$15888
	High	Paving and Surfacing. Resurface asphalt parking lot	\$123,100	\$12400-\$53000	\$6155-\$26466
	High	Paving and Surfacing. Repair sidewalks, concrete playpad	\$29,600	\$3000-\$12800	\$1480-\$6364
Tier 3	Medium	Flooring Carpet. Needs-Replace carpet	\$315,000	\$31500-\$135500	\$15750-\$67725
	Medium	Fixed Walls. Needs-Repair cracks in CMU wall behind stage	\$1,000	\$100-\$500	\$50-\$215
Tier 3	High	Playing Fields. Multi-use Field. Needs-Top dress and reseed multipurpose field.	\$14,800	\$1500-\$6400	\$740-\$3182
	Medium	Playing Fields. Football Field. Needs-Replace football and soccer goal posts	\$4,800	\$500-\$2100	\$240-\$1032
	Medium	Playing Fields. Softball Field. Needs-Renovate softball infield	\$19,700	\$2000-\$8500	\$985-\$4235
	Medium	Retaining Walls. Needs-Repair/add retaining walls	\$123,100	\$12400-\$53000	\$6155-\$26466
	Medium	Fences and Gates. Install/repair fencing around fields, dumpster.	\$295,300	\$29600-\$127000	\$14765-\$63489
Tier 4	High	Seeding and Sodding. Needs-Seed, sod, and top dress areas around school	\$29,600	\$3000-\$12800	\$1480-\$6364
	Medium	Other Landscape Features. Needs-Install landscaping around ballfields	\$49,200	\$5000-\$21200	\$2460-\$10578
	Medium	Planting. Needs-Plant trees around ballfields	\$49,200	\$5000-\$21200	\$2460-\$10578

Estimated Total Construction Costs (in 2017 Dollars): \$3,270,000
 Estimated Project Management Costs Range: \$328,300 - \$1,407,600
 Estimated Inflation Range: \$163,500 - \$703,050

Estimated Total Project Costs: \$3,761,800 - \$5,380,650

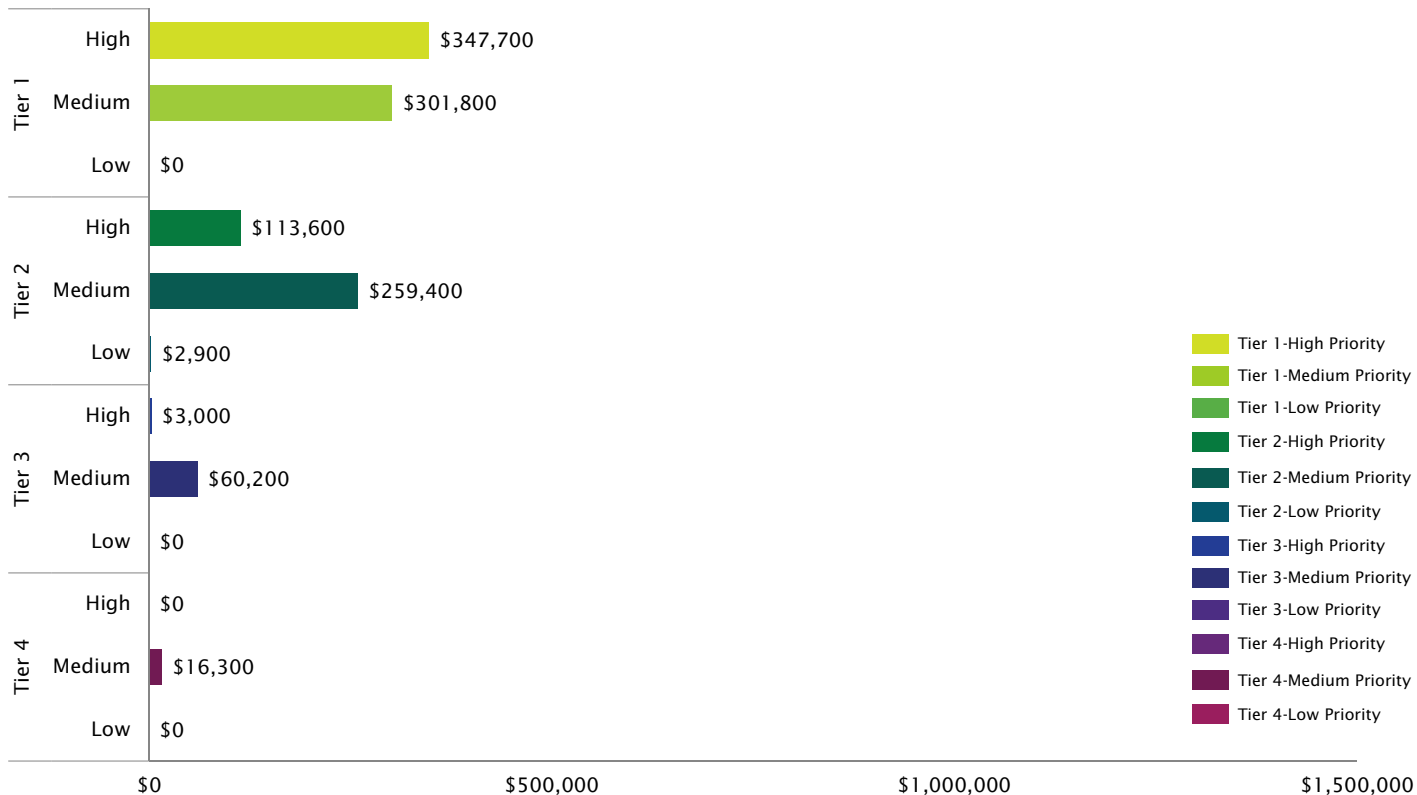
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

8898 South Maplewood Drive
 Highlands Ranch, CO 80126
 Mountain Vista High School Feeder Area, K-6

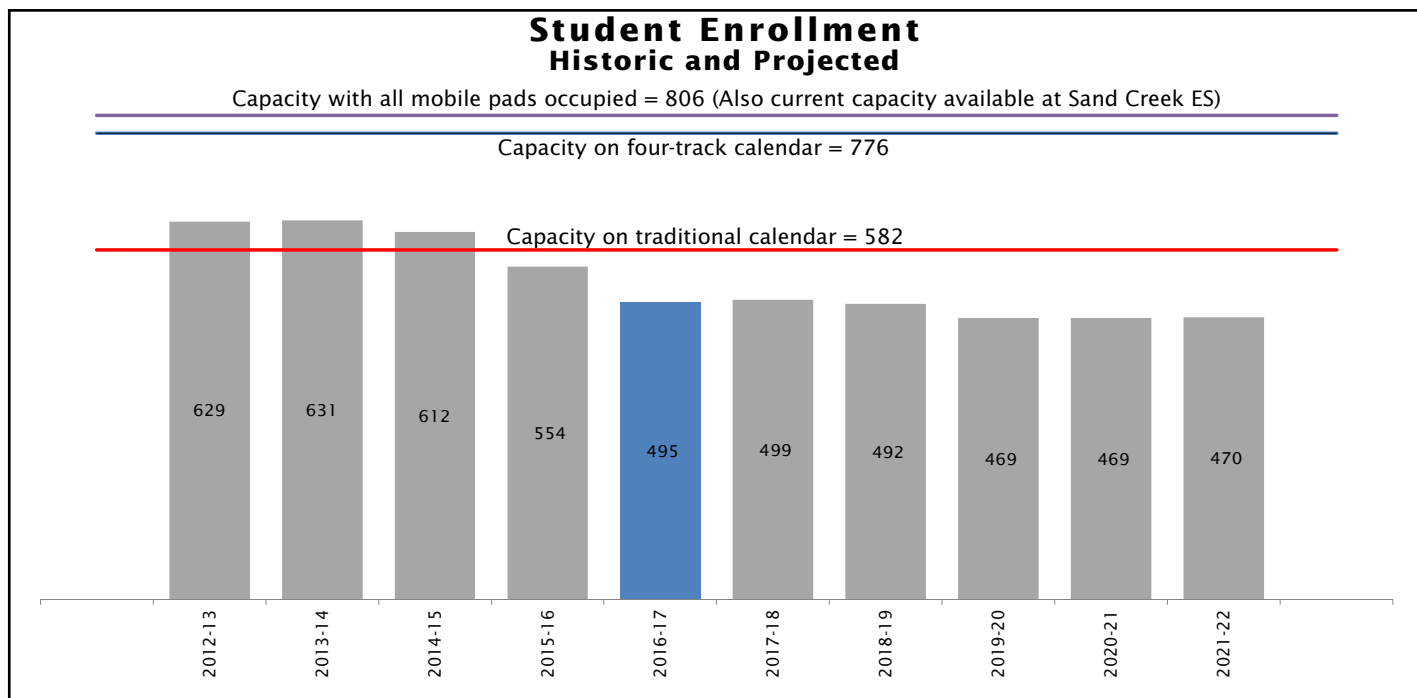
Funded by 1984 Bond
 Opened in 1986

Site Acreage: 11.1
 Facility Square Feet: 53,237
 Mobiles on Site: 4

Sand Creek Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,104,900
Estimated Total Project Costs: \$1,271,645 - \$1,819,054



Following is the list of currently unfunded facility projects at Sand Creek Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$92,600	\$9300-\$39900	\$4630-\$19909
	High	Controls. Needs-Upgrade control system	\$170,100	\$17100-\$73200	\$8505-\$36571
	High	Panels and Transformers. Needs-Replace original panels and transformers	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Switchgear-Main. Needs-Replace main switchgear	\$42,500	\$4300-\$18300	\$2125-\$9137
	Medium	Direct Expansion Systems. Roof top units. Needs-Replace rooftop units. Current ones need painted	\$220,500	\$22100-\$94900	\$11025-\$47407
	Medium	Hot Water Service. Water Heater. Needs-Replace domestic water heater and associated piping.	\$81,000	\$8100-\$34900	\$4050-\$17415
	Medium	Lighting Equipment. Needs-Replace two fixtures in health room	\$300	\$100-\$200	\$15-\$64
	High	Exterior Wall Construction. Needs-Recalk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Exterior Windows. Needs-Replace exterior windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Exterior Windows. Needs-Recalk windows	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Fabricated Toilet Partitions. Needs-Replace toilet partitions in 3 pods	\$29,800	\$3000-\$12900	\$1490-\$6407
Tier 2	Medium	Fixed Casework. Needs-Replace all original fixed casework in classrooms and offices	\$129,600	\$13000-\$55800	\$6480-\$27864
	Medium	Flooring Hallways/Classrooms. Needs-Replace VCT in classrooms and healthroom	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Retractable Partition. Needs-Repair operable partitions between classrooms. Partion between gym and cafeteria in worst condition.	\$16,300	\$1700-\$7100	\$815-\$3504
	Medium	Sinks. Needs-Replace with sink countertops, single surface	\$12,200	\$1300-\$5300	\$610-\$2623
	Medium	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$72,900	\$7300-\$31400	\$3645-\$15673
	Low	Exterior Wall Construction. Needs-Repair brick where cracking at front retaining wall, clean water stained areas	\$2,900	\$300-\$1300	\$145-\$623
	High	Wall Foundations. Needs-Recalk foundation where concrete meets	\$3,000	\$300-\$1300	\$150-\$645
Tier 3	Medium	Blinds and Other Window Treatment. Needs-Replace blinds in school	\$16,300	\$1700-\$7100	\$815-\$3504
	Medium	Interior Doors. Needs-Refinish interior doors	\$40,500	\$4100-\$17500	\$2025-\$8707
	Medium	Movable Furnishing. FFE. Needs-Replace health room beds	\$1,700	\$200-\$800	\$85-\$365
	Medium	Movable Furnishing. FFE. Needs-Replace wooden basketball backboards in gym, 4 total	\$1,700	\$200-\$800	\$85-\$365
Tier 4	Medium	Seeding and Sodding. Needs-Renovate grass areas around school	\$16,300	\$1700-\$7100	\$815-\$3504

Estimated Total Construction Costs (in 2017 Dollars): \$1,104,900
 Estimated Project Management Costs Range: \$111,500 - \$476,600
 Estimated Inflation Range: \$55,245 - \$237,554

Estimated Total Project Costs: \$1,271,645 - \$1,819,054

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

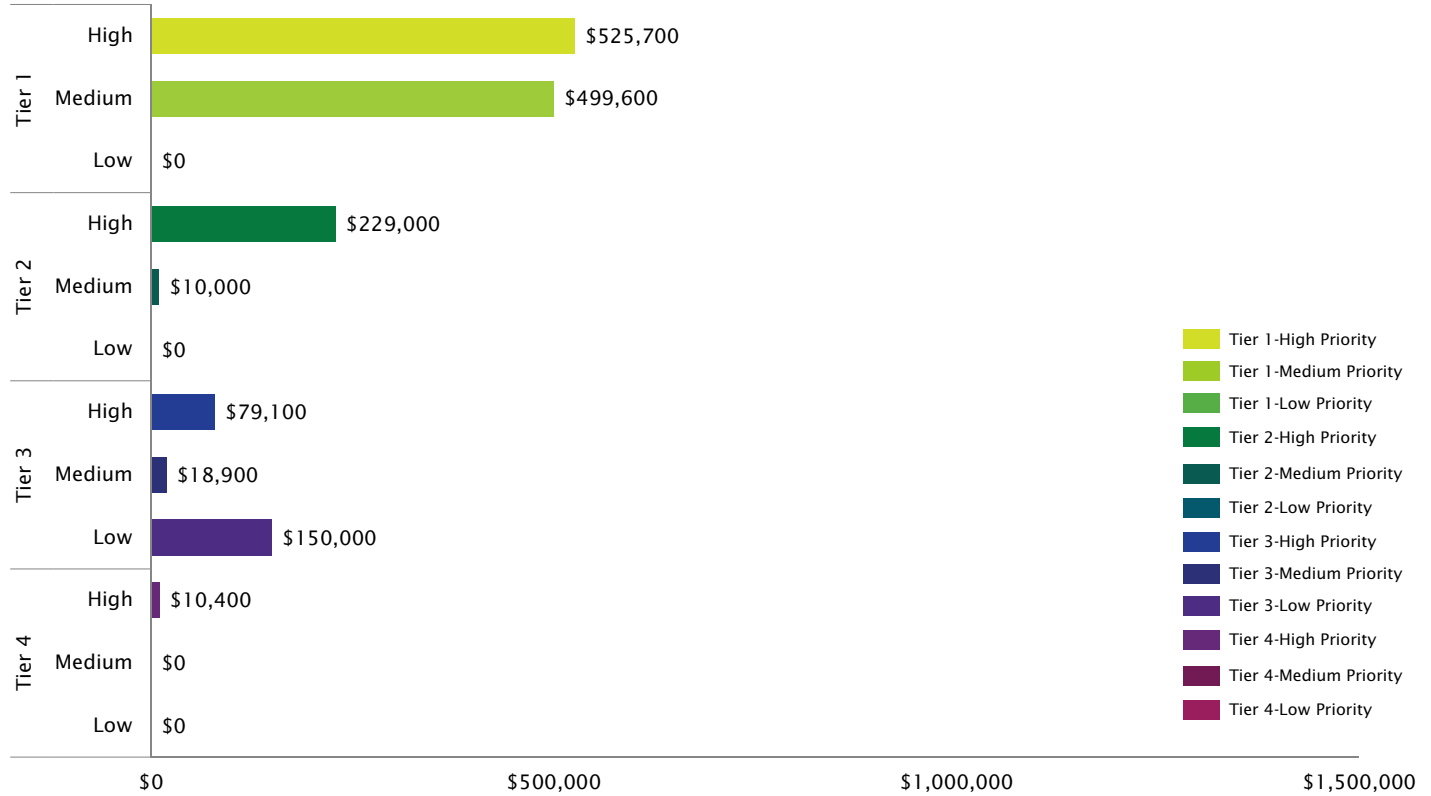
5449 North Huxtable Street
Sedalia, CO 80135
Castle View High School Feeder Area, K-6

Funded prior to 1952
Opened in 1952

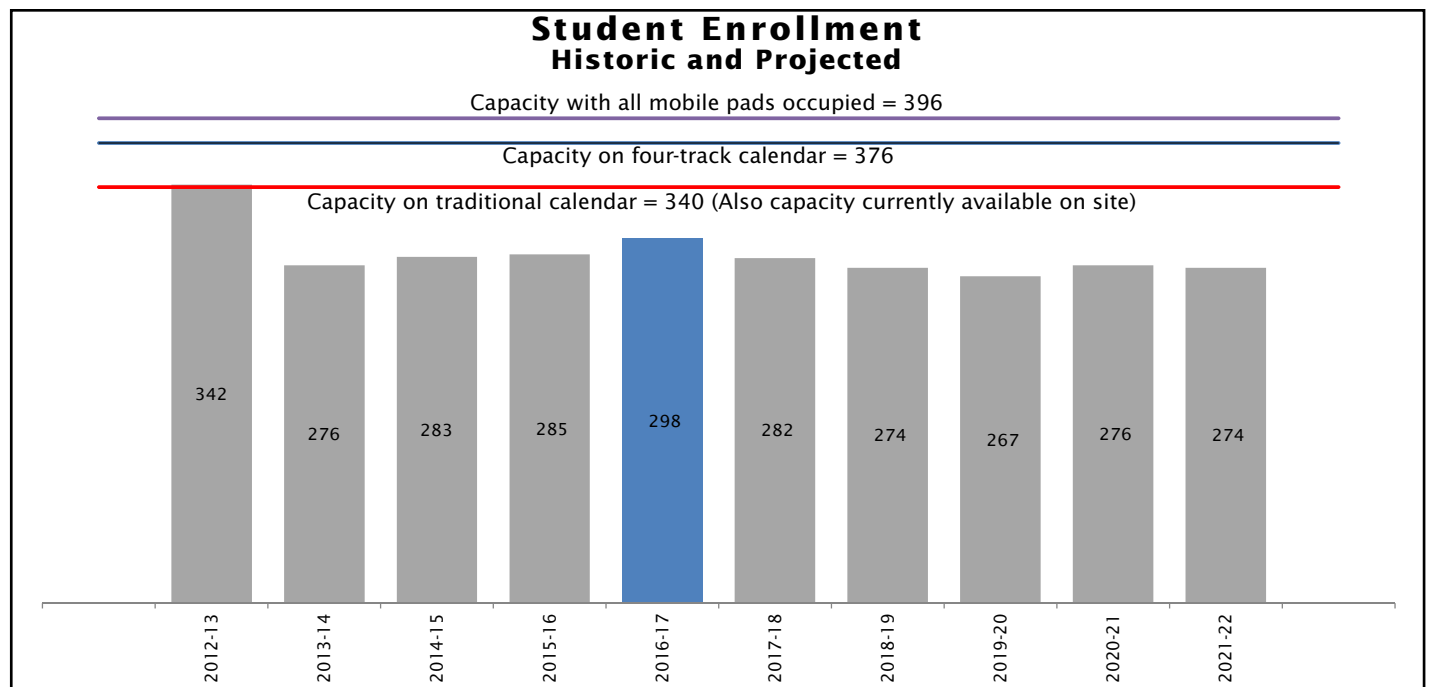
Site Acreage:5
Facility Square Feet: 35,177
Mobiles on Site: 0

Sedalia Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,522,700
Estimated Total Project Costs: \$1,752,135 - \$2,506,281



Following is the list of currently unfunded facility projects at Sedalia Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace ballasted roof, section B (1992) with fully adhered	\$55,200	\$5600-\$23800	\$2760-\$11868
	High	Roof Finishes. Needs-Replace existing built up roof, sections A,C,E	\$77,200	\$7800-\$33200	\$3860-\$16598
	High	Controls. Needs-Upgrade required if current system changes	\$193,900	\$19400-\$83400	\$9695-\$41688
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$100,000	\$10000-\$43000	\$5000-\$21500
	High	Roof Eaves & Soffits. Needs-Soffits need repaired along the older classrooms wing	\$11,200	\$1200-\$4900	\$560-\$2408
	High	Roof Finishes. Needs-Replace fully adhered roof over gym, music, and front office, sections F,G,H,J (1999)	\$88,200	\$8900-\$38000	\$4410-\$18963
Tier 2	Medium	Air Distribution Systems. Air handlers, ductwork, VAV's. Current VVT system in good shape. Needs-Should upgrade to VAV reheat system.	\$333,800	\$33400-\$143600	\$16690-\$71767
	Medium	Panels and Transformers. Needs-Replace old branch wiring panels in building	\$5,000	\$500-\$2200	\$250-\$1075
	Medium	Playing Fields. Playground. Needs. Replace pea gravel play area.. Install new basketball hoops.	\$26,800	\$2700-\$11600	\$1340-\$5762
	Medium	Commissioning and Re-Commissioning. Needs-Commission if upgrades to current system made.	\$52,000	\$5200-\$22400	\$2600-\$11180
	Medium	Emergency Light and Power Systems. Install new generator and associated emergency systems	\$67,000	\$6700-\$28900	\$3350-\$14405
	Medium	Terminal Self-Contained Units. Needs-Replace unit heaters at entries	\$15,000	\$1500-\$6500	\$750-\$3225
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Exterior Wall Construction. Seal and repair cracks and deterioration in stucco on newer classrooms addition.	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Exterior Windows. Needs-Recaulk windows	\$12,700	\$1300-\$5500	\$635-\$2730
	High	Flooring Restroom. Needs-Replace all ceramic tile bathroom floors and walls	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Sink Countertops. Needs-Replace counter tops only in rooms 107, 208, 207,209, 210	\$11,200	\$1200-\$4900	\$560-\$2408
	High	Exterior Windows. Needs-Replace plexiglass in double doors to playground SW with insulated safety glass.	\$37,100	\$3800-\$16000	\$1855-\$7976
	High	Flooring Carpet. Needs-Replace walk off carpet at all entrances	\$5,000	\$500-\$2200	\$250-\$1075
	High	Flooring Kitchen. Needs-Replace kitchen floor	\$51,000	\$5100-\$22000	\$2550-\$10965
	High	Paving & Surfacing, Parking Lot. Needs-\$60,000 in asphalt work, \$10,000 on site drainage east side of school	\$62,200	\$6300-\$26800	\$3110-\$13373
	High	Paving & Surfacing, Sidewalks. Need-Repair areas of sidewalk, stairs at west entry	\$5,200	\$600-\$2300	\$260-\$1118
Tier 3	Medium	Flooring Hallways/Classrooms. Needs-Replace red ceramic tile in hallway, showing wear and cracks	\$10,000	\$1000-\$4300	\$500-\$2150
	High	Special Foundations. Needs-Large gap needs filled completely around the new classroom addition between the foundation and sidewalk	\$77,000	\$7700-\$33200	\$3850-\$16555
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$2,100	\$300-\$1000	\$105-\$451
	Medium	Site Lighting Poles. Needs-Replace two light poles	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Vinyl. Remove/replace painted vinyl	\$16,600	\$1700-\$7200	\$830-\$3569
Tier 4	Low	Ceiling Finishes. Needs-Replace ceiling grid and tile	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Other Landscape Features. Needs-Site drainage on east side of school needs addressed	\$10,400	\$1100-\$4500	\$520-\$2236

Estimated Total Construction Costs (in 2017 Dollars): \$1,522,700
 Estimated Project Management Costs Range: \$153,300 - \$656,200
 Estimated Inflation Range: \$76,135 - \$327,381

Estimated Total Project Costs: \$1,752,135 - \$2,506,281

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

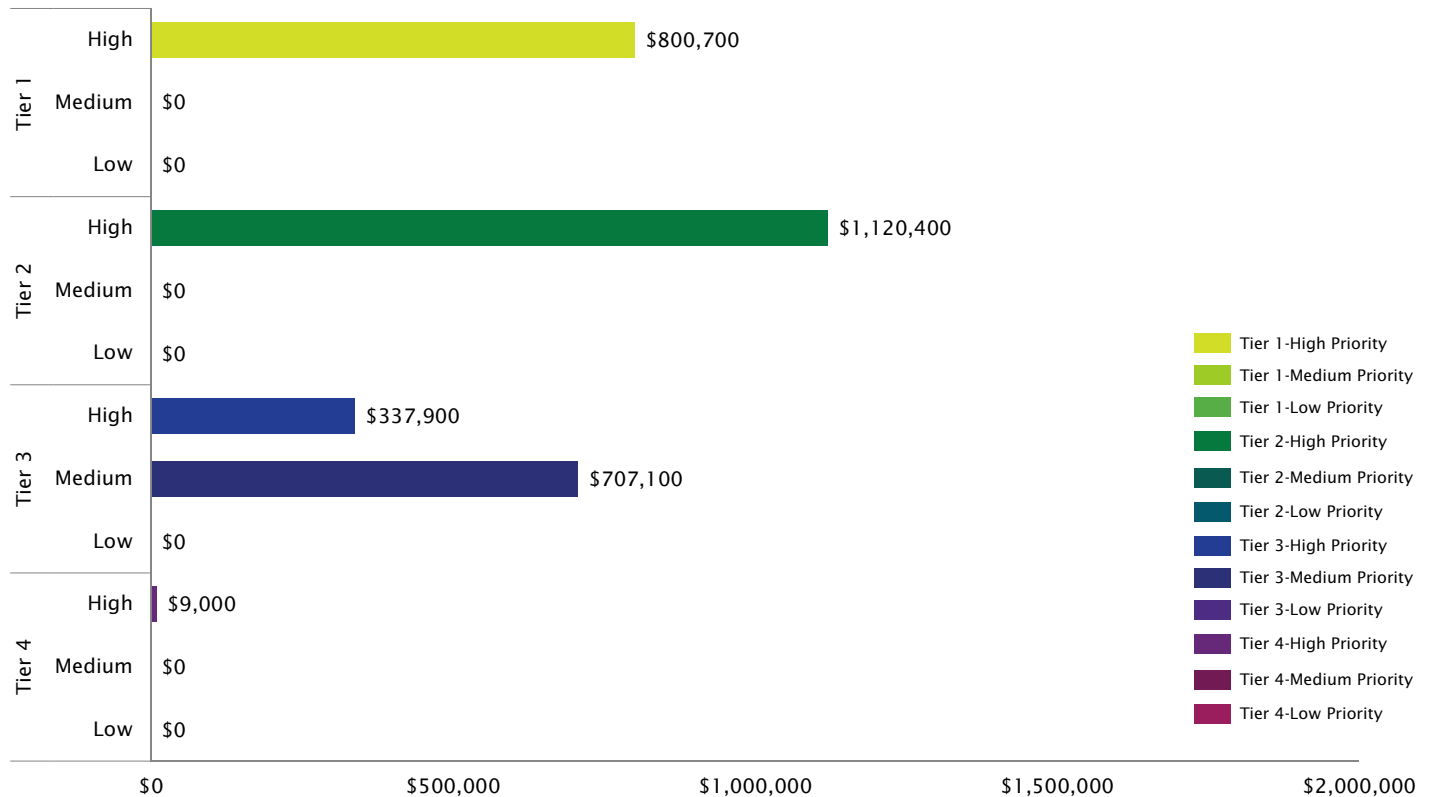
6651 Pine Lane Avenue
 Parker, CO 80134
 Chaparral High School Feeder Area, 7-8

Funded by 1974 Bond
 Opened in 1975

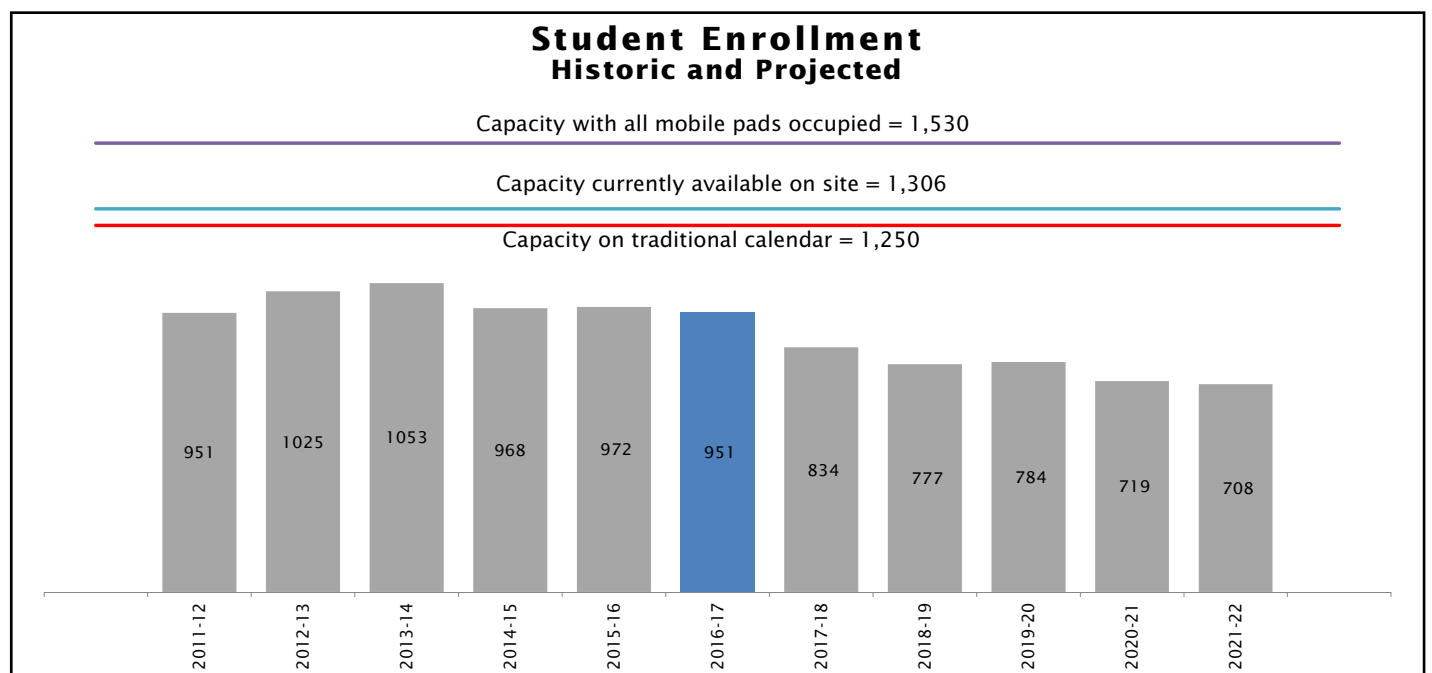
Site Acreage:50
 Facility Square Feet: 115,538
 Mobiles on Site: 1

Sierra Middle School-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$2,975,100
Estimated Total Project Costs: \$3,422,555 - \$4,895,547



Following is the list of currently unfunded facility projects at Sierra Middle School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade controllers. Count 10 high capacity	\$204,000	\$20400-\$87800	\$10200-\$43860
	High	Hot Water Service. Replace water heater, pressure tanks	\$67,000	\$6700-\$28900	\$3350-\$14405
	High	Gutters and Downspouts. Repair and paint downspouts	\$4,600	\$500-\$2000	\$230-\$989
	High	Interior Door hardware. Replace current non-restricted key system with restricted. Hardware change	\$275,000	\$27500-\$118300	\$13750-\$59125
	High	Roof Eaves and Soffits.Repair metal soffit east side south end	\$4,600	\$500-\$2000	\$230-\$989
	High	Irrigation Systems. Update entire irrigation system	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Irrigation Systems.Upgrade entire system to DCSD standard	\$223,200	\$22400-\$96000	\$11160-\$47988
Tier 2	High	Glazed Doors and Entrances.Repair and paint door entrances, rusting	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Exterior Wall Construction. Repair/seal cracks in brick	\$9,000	\$900-\$3900	\$450-\$1935
	High	Exterior Windows. Needs-Recaulk windows	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Exterior Windows. Needs-Recaulk windows	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Fabricated Toilet Partitions. Replace toilet partitions in girls locker room	\$4,600	\$500-\$2000	\$230-\$989
	High	Fixed Casework. Replace original casework	\$357,000	\$35700-\$153600	\$17850-\$76755
	High	Flooring Carpet. Needs-Replace carpeting in classrooms	\$127,600	\$12800-\$54900	\$6380-\$27434
	High	Flooring Hallways/Classrooms. Needs-Replace VCT throughout school where needed	\$178,500	\$17900-\$76800	\$8925-\$38377
	High	Flooring Restroom. Needs-Replace ceramic tile with poured acrylic. 2 main hallway, 2 locker room, 2 PE teacher office restroom	\$44,700	\$4500-\$19300	\$2235-\$9610
	High	Paint Exterior. Doors and trim need painted.	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Retractable Partitions.Refurbish classroom partitions	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Sink Countertops. Replace sink countertops as necessary	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Fixed Walls. Needs-Repair drywall at stage area	\$900	\$100-\$400	\$45-\$193
	High	Flooring Cafeteria. Needs-Replace VCT in cafeteria	\$26,800	\$2700-\$11600	\$1340-\$5762
	Tier 3	High	Paving & Surfacing. Bus Loop. Resurface asphalt bus loop	\$71,500	\$7200-\$30800
High		Paving & Surfacing. Repair/replace sections of sidewalk	\$9,000	\$900-\$3900	\$450-\$1935
High		Paving and Surfacing. Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
High		Playing Fields. Replace playground play pads	\$40,200	\$4100-\$17300	\$2010-\$8643
High		Wall Foundations. Recaulk foundation	\$3,000	\$300-\$1300	\$150-\$645
High		Wall Foundations. Repair concrete foundation below brick	\$17,900	\$1800-\$7700	\$895-\$3848
High		Interior Doors. Needs-Replace/repair/refinish interior doors	\$67,000	\$6700-\$28900	\$3350-\$14405
High		Playing Fields. Football Field. Needs-Renovate football field	\$71,500	\$7200-\$30800	\$3575-\$15372
High		Playing Fields. Renovate multi-use playing fields	\$178,500	\$17900-\$76800	\$8925-\$38377
Medium		Playing Fields. Replace goal posts with multi-function goals	\$1,800	\$200-\$800	\$90-\$387
Tier 4	Medium	Playing Fields. Needs-Resurface track.	\$31,300	\$3200-\$13500	\$1565-\$6729
	Medium	Retaining walls. Repair retaining walls at double entry	\$4,600	\$500-\$2000	\$230-\$989
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$535,500	\$53600-\$230300	\$26775-\$115132
	Medium	Paint Interior. Needs-Paint classrooms	\$133,900	\$13400-\$57600	\$6695-\$28788
	High	Seeding and Sodding. Needs-Renovate areas of landscaping	\$9,000	\$900-\$3900	\$450-\$1935

Estimated Total Construction Costs (in 2017 Dollars): \$2,975,100
 Estimated Project Management Costs Range: \$298,700 - \$1,280,800
 Estimated Inflation Range: \$148,755 - \$639,647

Estimated Total Project Costs: \$3,422,555 - \$4,895,547

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

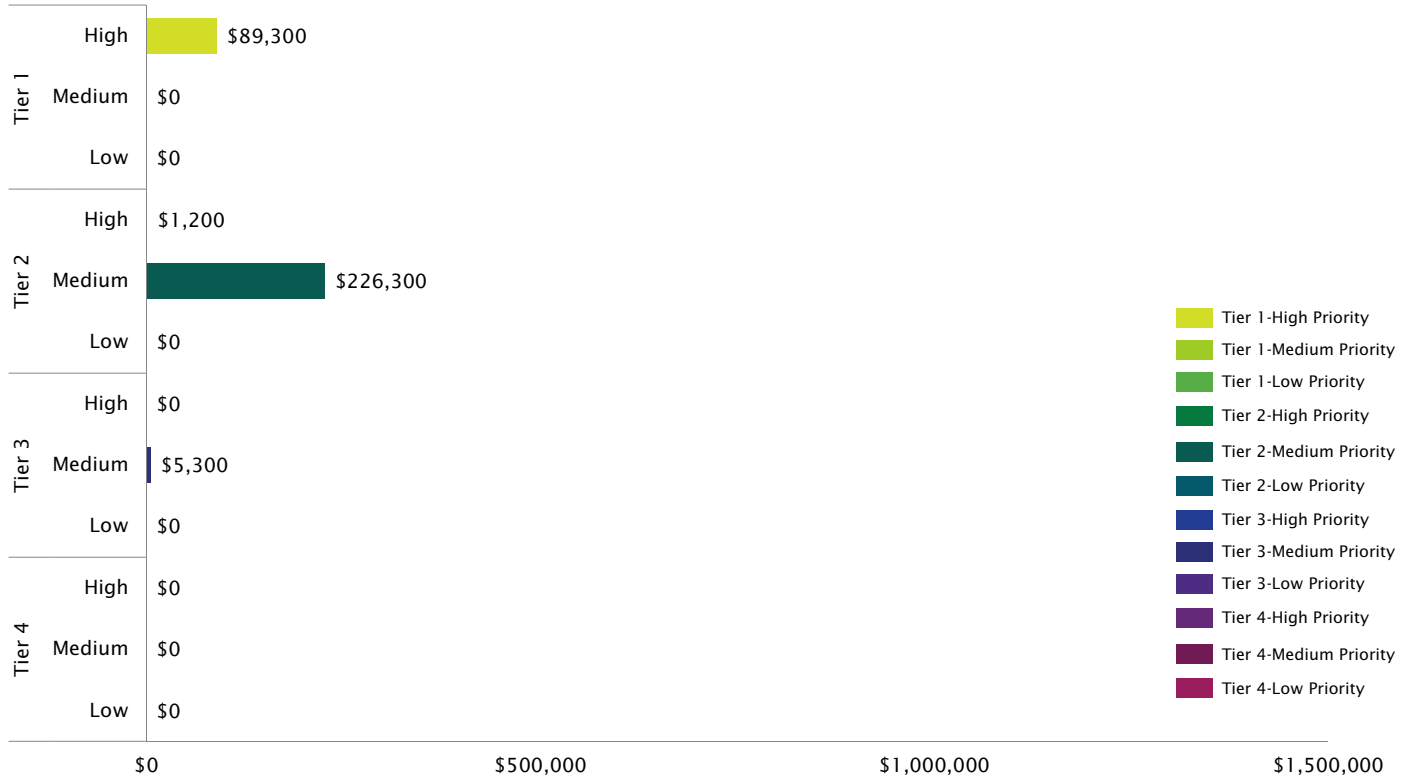
4665 Tanglevine Drive
 Castle Rock, CO 80109
 Castle View High School Feeder Area, K-6

Funded by 2000 Bond
 Opened in 2004

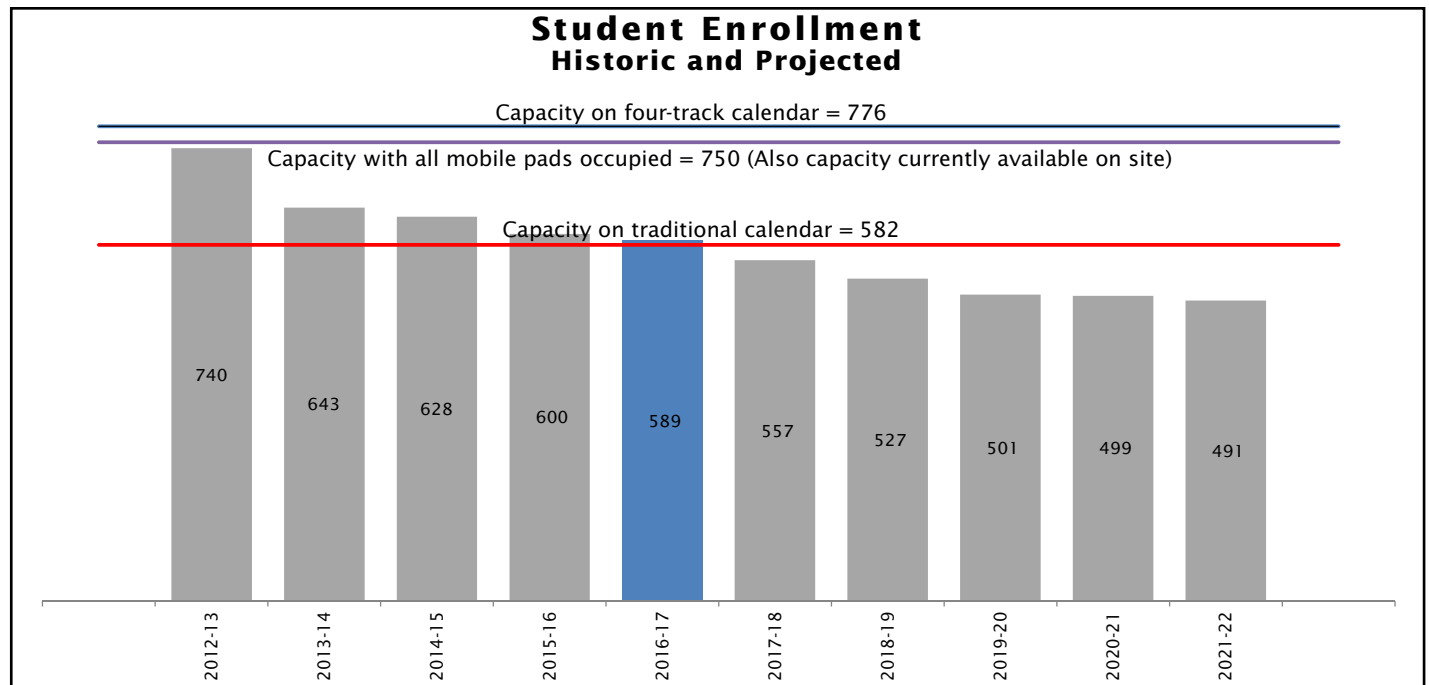
Site Acreage: 1.1
 Facility Square Feet: 56,868
 Mobiles on Site: 3

Soaring Hawk Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$322,100
Estimated Total Project Costs: \$370,905 - \$530,152



Following is the list of currently unfunded facility projects at Soaring Hawk Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$89,300	\$9000-\$38400	\$4465-\$19199
Tier 2	High	Flooring Cafeteria. Needs-VCT buckling, repairs needed	\$1,200	\$200-\$600	\$60-\$258
	Medium	Exterior Wall Construction. CMU. Needs-CMU needs sealed.	\$11,100	\$1200-\$4800	\$555-\$2386
	Medium	Exterior Wall Construction. CMU. Needs-Recalk control joints	\$3,400	\$400-\$1500	\$170-\$731
	Medium	Controls and Instrumentation. Needs-Upgrade control system	\$198,500	\$19900-\$85400	\$9925-\$42677
	Medium	Exterior Windows. Needs--Recalk windows	\$13,300	\$1400-\$5800	\$665-\$2859
Tier 3	Medium	Vinyl Coverings. Needs-Repair vinyl wall covering. Poor installation due to lack of glue, peeling all over building.	\$5,300	\$600-\$2300	\$265-\$1139

Estimated Total Construction Costs (in 2017 Dollars): \$322,100
 Estimated Project Management Costs Range: \$32,700 - \$138,800
 Estimated Inflation Range: \$16,105 - \$69,252

Estimated Total Project Costs: \$370,905 - \$530,152

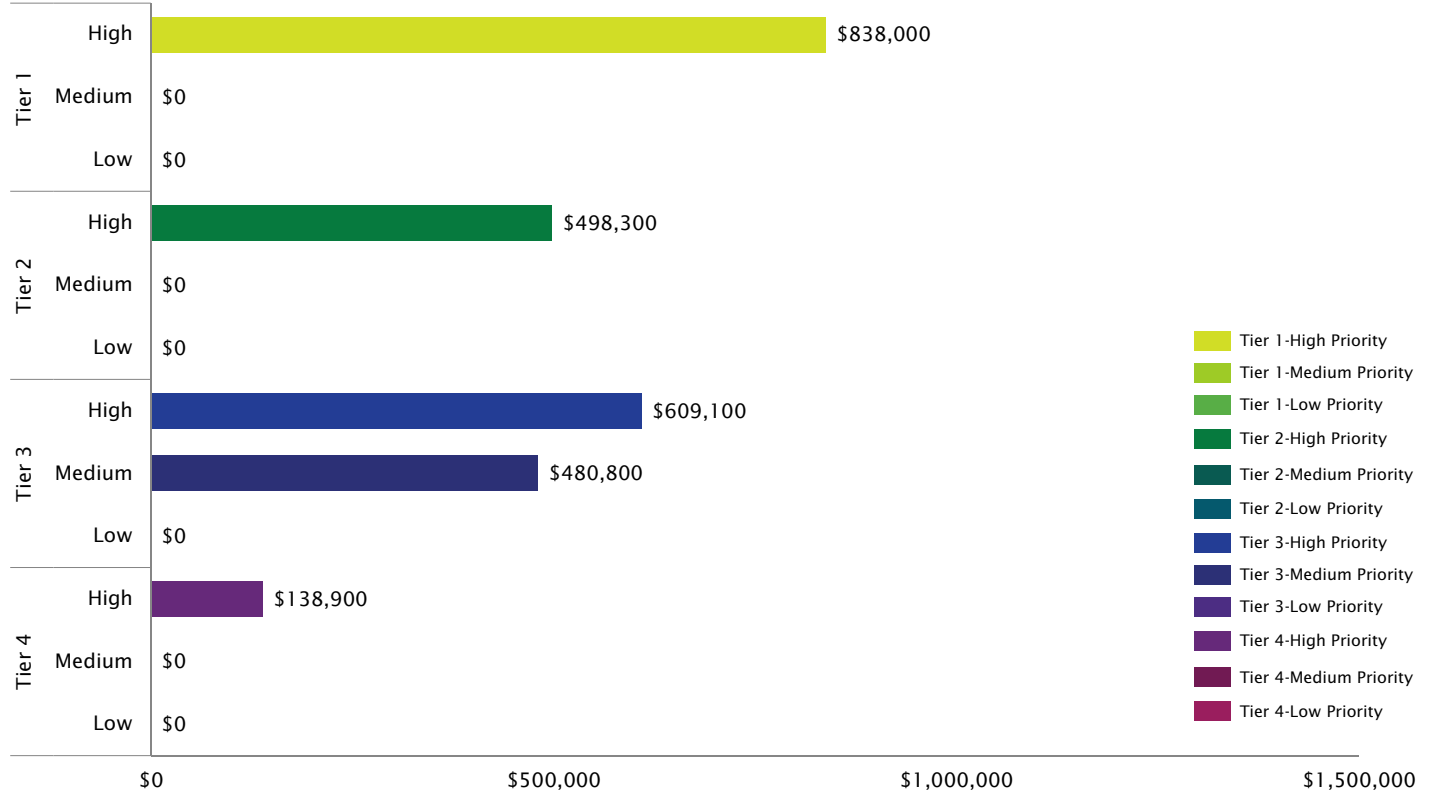
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

1100 South Street
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, K-6

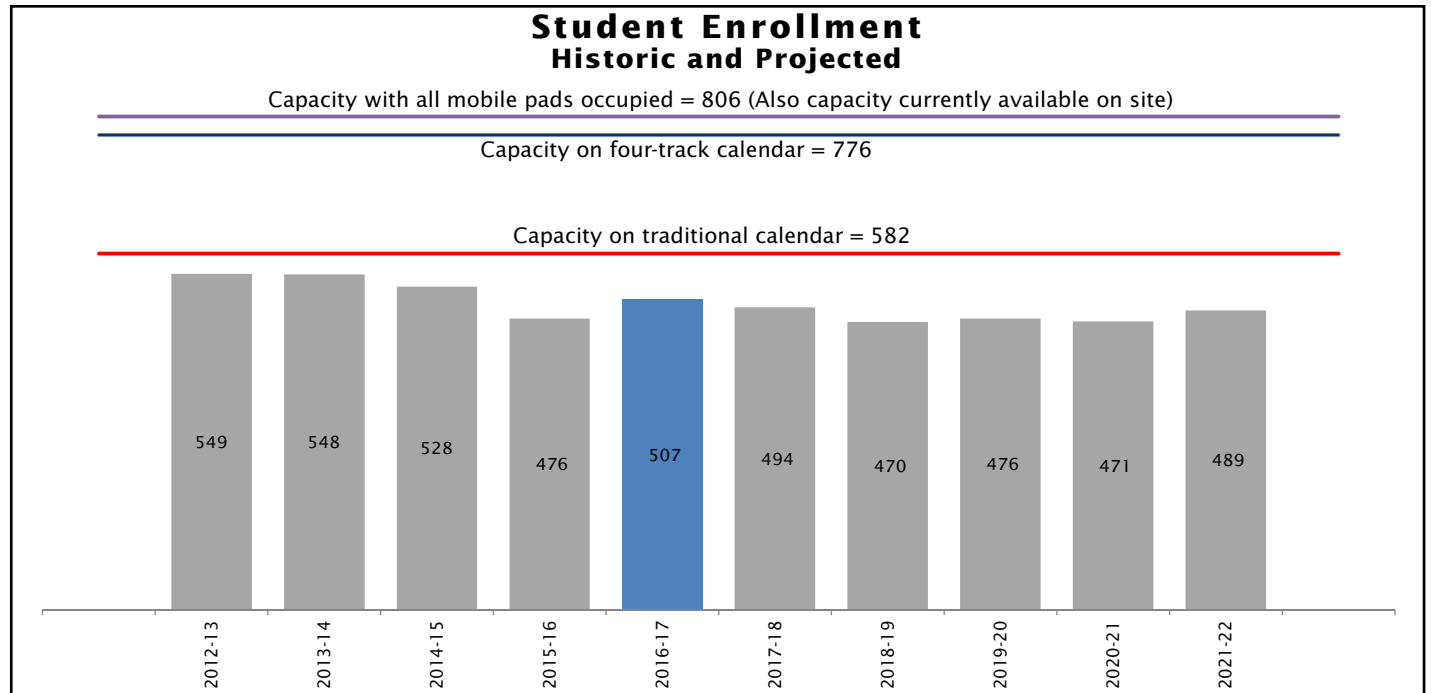
Funded by 1970 Bond
 Opened in 1972

Site Acreage: 8.9
 Facility Square Feet: 52,287
 Mobiles on Site: 4

South Ridge Elementary-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$2,565,100
Estimated Total Project Costs: \$2,951,155 - \$4,221,497



Following is the list of currently unfunded facility projects at South Ridge Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade controllers. Count 44	\$187,000	\$18700-\$80500	\$9350-\$40205
	High	Direct Expansion Systems. Roof top units.Replace RTUs	\$308,700	\$30900-\$132800	\$15435-\$66370
	High	Panels and Transformers. Needs-Replace original SW gear now subfed. Replace original panels and transformers	\$89,400	\$9000-\$38500	\$4470-\$19221
	High	Gutters and Downspouts. Needs-Rework gutters and downspouts when new soffit installed. Improve drainage	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Irrigation Systems. Needs-Replace entire irrigation system. Install separate meter	\$89,400	\$9000-\$38500	\$4470-\$19221
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints	\$4,900	\$500-\$2200	\$245-\$1053
	High	Window Storefronts. Repair/replace entry storefronts	\$6,800	\$700-\$3000	\$340-\$1462
	High	Exterior Windows. Needs-Recaulk windows	\$6,800	\$700-\$3000	\$340-\$1462
	High	Fabricated Toilet Partitions. Needs-Replace when flooring replaced	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Fixed Casework.Replace casework in original building	\$89,400	\$9000-\$38500	\$4470-\$19221
	High	Flooring Restroom. Needs-Replace ceramic tile with MMA	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Interior Doors. Needs-Replace interior doors	\$89,400	\$9000-\$38500	\$4470-\$19221
	High	Retractable Partitions. Refurbish/replace classroom partitions in east wing	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Solid Exterior Doors. Needs-Sand and paint	\$4,600	\$500-\$2000	\$230-\$989
	High	Wash Fountains. Replace trough washing stations with sinks (5)	\$12,700	\$1300-\$5500	\$635-\$2730
	High	Paving & Surfacing. Resurface asphalt bus loop	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Paving and Surfacing. Resurface asphalt parking lot	\$89,400	\$9000-\$38500	\$4470-\$19221
	High	Paving and Surfacing. Repair/replace areas of sidewalk, front entry	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Playing Fields. Replace asphalt playground	\$26,800	\$2700-\$11600	\$1340-\$5762
High	Special Facilities. Replace sound panels in music room	\$2,100	\$300-\$1000	\$105-\$451	
Tier 3	High	Column Foundations. Repair rusting columns at gym	\$9,000	\$900-\$3900	\$450-\$1935
	High	Fixed Walls. Needs-Refinish all fixed walls	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Interior Door Frames. Needs-Sand/paint door frames	\$20,100	\$2100-\$8700	\$1005-\$4321
	High	Suspended Ceilings. Needs-Replace grid ceiling and tile	\$37,500	\$3800-\$16200	\$1875-\$8062
	High	Fences and Gates. Needs-Repair/replace all fencing around school perimeter, parking areas	\$4,600	\$500-\$2000	\$230-\$989
	High	Movable Furnishing. FFE. Needs-Replace hallway tack boards	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Playing Fields. Multi-use Field. Needs-Install new synthetic turf for multi-use field	\$267,800	\$26800-\$115200	\$13390-\$57577
Tier 4	High	Playing Fields. Multi-use Field. Needs-Renovate play field and other site improvements	\$234,300	\$23500-\$100800	\$11715-\$50374
	Medium	Fences and Gates. Needs-Repair/replace field backstop fencing	\$13,500	\$1400-\$5900	\$675-\$2902
	Medium	Site Improvements. Needs-Repair drainage issues, add retaining walls	\$89,400	\$9000-\$38500	\$4470-\$19221
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$357,000	\$35700-\$153600	\$17850-\$76755
	Medium	Vinyl Coverings. Needs-Repair or replace vinyl coverings	\$5,300	\$600-\$2300	\$265-\$1139
Tier 4	Medium	Flooring Tile. Needs-Replace entry way tile	\$15,600	\$1600-\$6800	\$780-\$3354
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$5,000	\$500-\$2200	\$250-\$1075
	High	Other Landscape Features. Needs-Improve site landscape features	\$133,900	\$13400-\$57600	\$6695-\$28788

Estimated Total Construction Costs (in 2017 Dollars): \$2,565,100
 Estimated Project Management Costs Range: \$257,800 - \$1,104,900
 Estimated Inflation Range: \$128,255 - \$551,497

Estimated Total Project Costs: \$2,951,155 - \$4,221,497

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

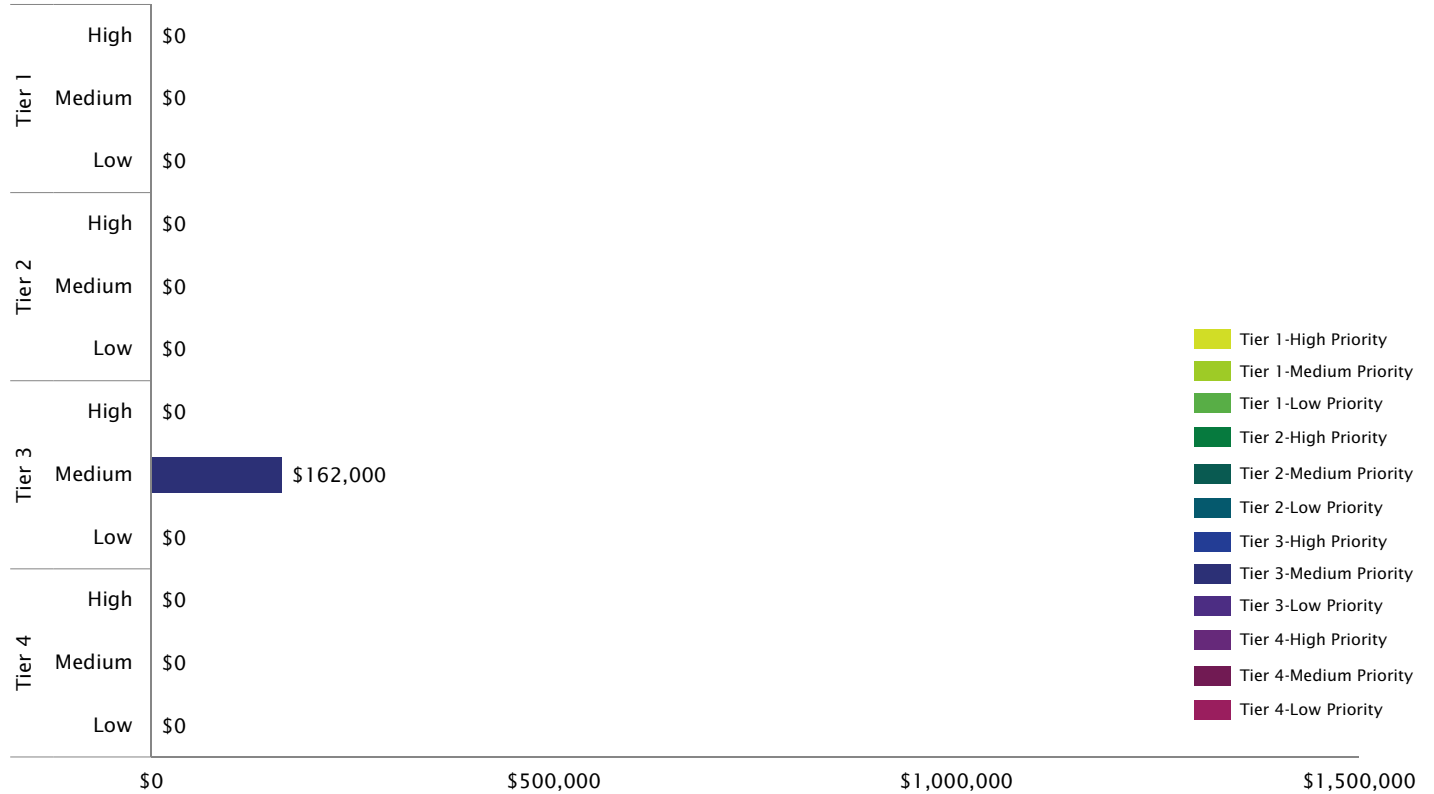
10625 Weathersfield Way
 Highlands Ranch, CO 80130
 ThunderRidge High School Feeder Area, K-6

Funded by 2006 Bond
 Opened in 2007

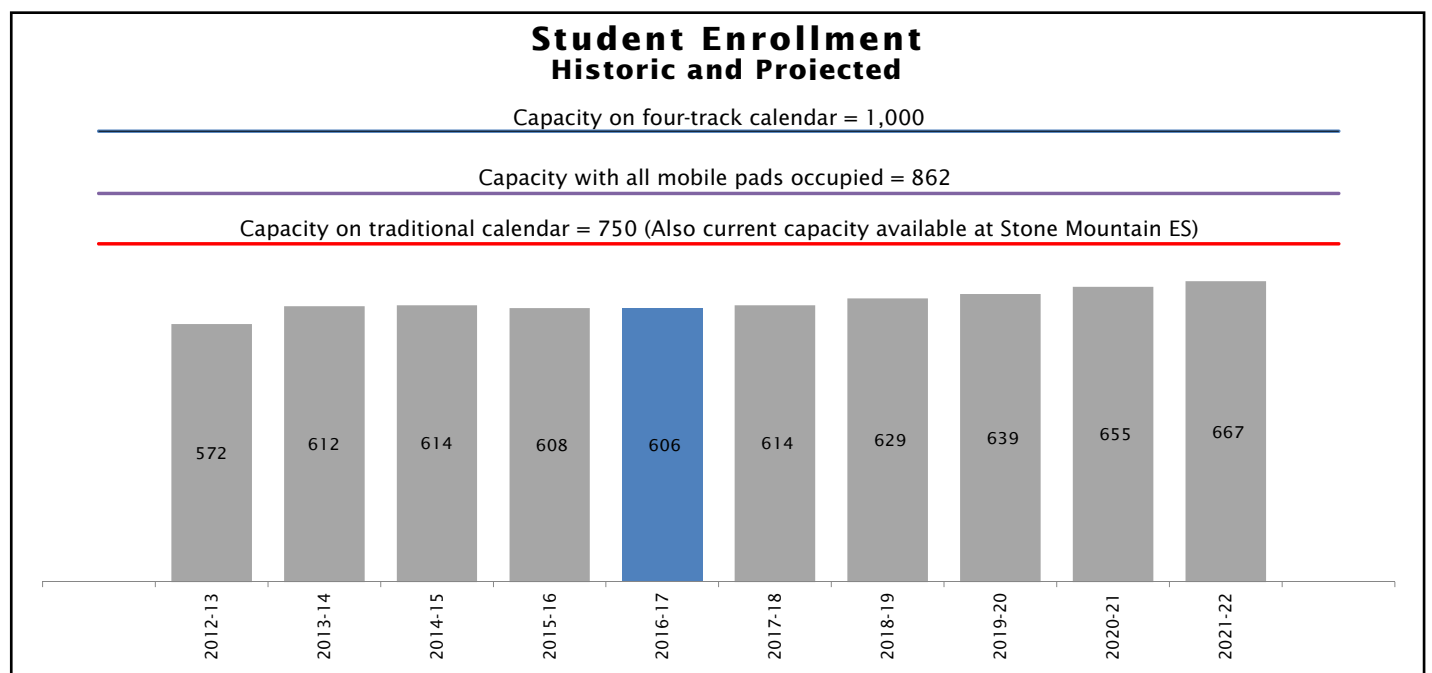
Site Acreage: 10
 Facility Square Feet: 73,146
 Mobiles on Site: 0

Stone Mountain Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$162,000
Estimated Total Project Costs: \$186,300 - \$266,530



Following is the list of currently unfunded facility projects at Stone Mountain Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 3	Medium	Playing Fields. Needs-Replace synthetic play field. 1/2 costs shared with Highlands Ranch Metro District	\$162,000	\$16200-\$69700	\$8100-\$34830

Estimated Total Construction Costs (in 2017 Dollars): \$162,000

Estimated Project Management Costs Range: \$16,200 - \$69,700

Estimated Inflation Range: \$8,100 - \$34,830

Estimated Total Project Costs: \$186,300 - \$266,530

Want to learn more about the facility projects that have been done at this school?
Click [here](#) to see this school's capital renewal history.



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

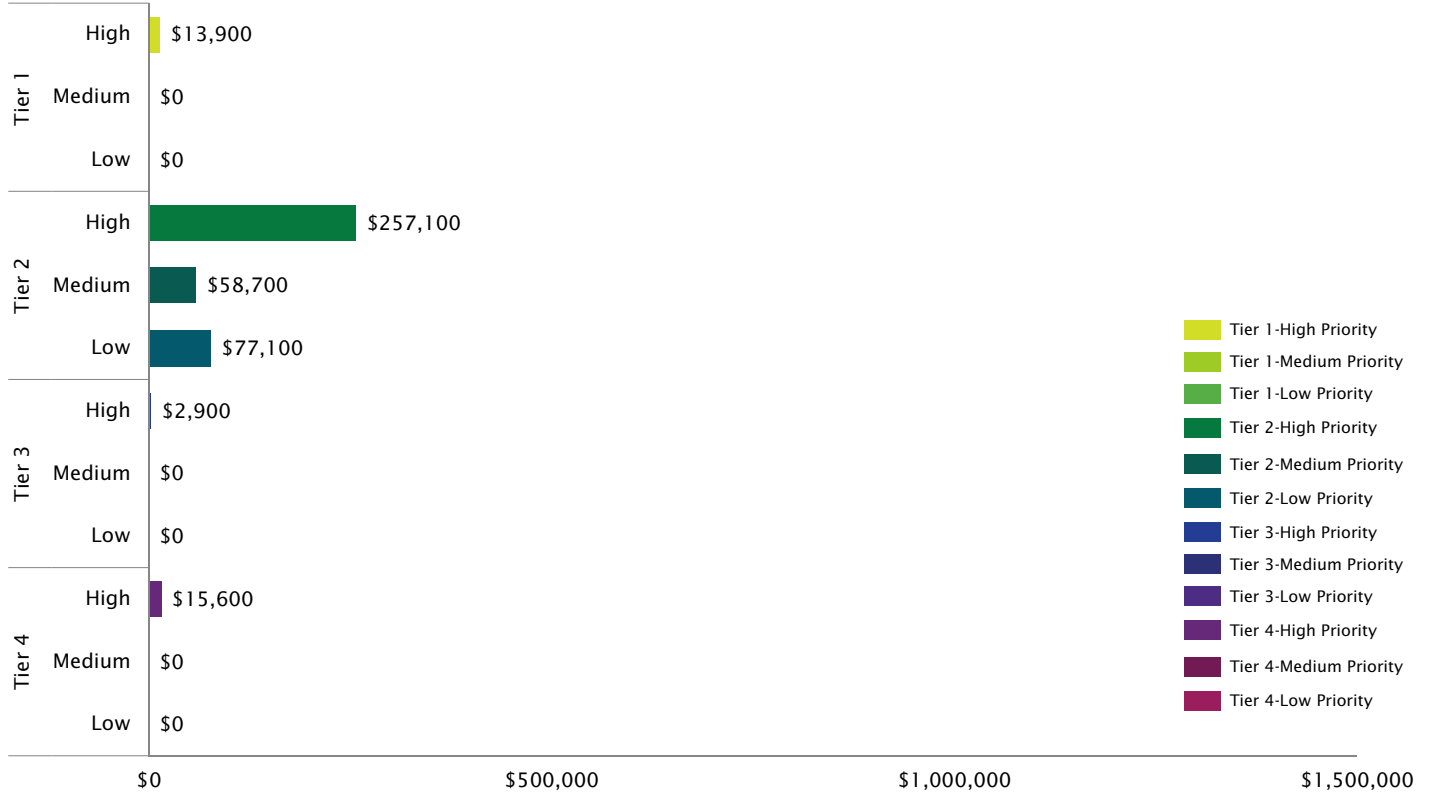
10200 South Piedmont Way
Highlands Ranch, CO 80126
Mountain Vista High School Feeder Area, K-6

Funded by Certificate of Participation
Opened in 1992

Site Acreage: 10
Facility Square Feet: 56,475
Mobiles on Site: 3

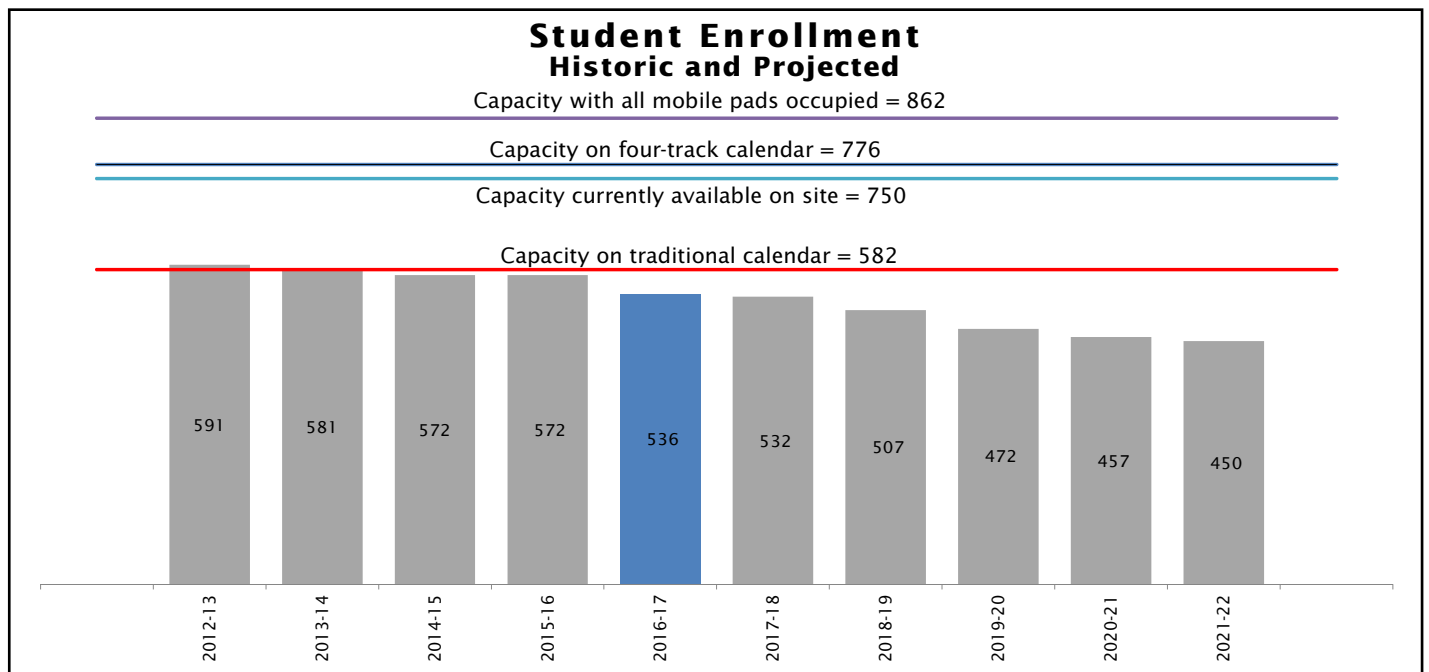
Summit View Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$425,300

Estimated Total Project Costs: \$489,865 - \$700,740



Following is the list of currently unfunded facility projects at Summit View Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Special Electrical Systems. Needs-Low voltage wiring in boiler room should be redone. Dropped ceiling not reinstalled, plenum cable does not meet code, should be in conduit.	\$11,100	\$1200-\$4800	\$555-\$2386
	High	Branch Wiring Devices. Needs-Replace sealtite conduit and wiring to all equipment on roof	\$2,800	\$300-\$1300	\$140-\$602
Tier 2	High	Exterior Wall Construction. Needs-Recalk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Exterior Windows. Needs-Replace exterior windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Exterior Windows. Needs-Recalk windows	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Fabricated Toilet Partitions. Needs-Replace toilet partitions in 3 pods	\$29,800	\$3000-\$12900	\$1490-\$6407
	High	Flooring Restroom. Needs-Replace original sheet vinyl flooring with poured acrylic in 3 pods	\$29,800	\$3000-\$12900	\$1490-\$6407
	High	Sink Countertops. Needs-Replace sink counter tops in 3 pods	\$29,800	\$3000-\$12900	\$1490-\$6407
	High	Energy Supply. Needs-Reattach supports for gas line on roof. Rusted piping should be replaced	\$1,700	\$200-\$800	\$85-\$365
	High	Flooring Kitchen. Needs-Replace kitchen flooring	\$51,000	\$5100-\$22000	\$2550-\$10965
	High	Paving & Surfacing, Sidewalks. Needs-Repair/Replace areas of sidewalk	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Playing Fields. Playground. Needs-Repair asphalt cracks at playground	\$20,800	\$2100-\$9000	\$1040-\$4472
Tier 3	Medium	Paving & Surfacing, Parking Lot. Needs-Minor asphalt crack repair, repair concrete service drive	\$26,000	\$2600-\$11200	\$1300-\$5590
	Medium	Flooring Carpet. Needs-Replace carpet in workrooms in stacked pods	\$11,600	\$1200-\$5000	\$580-\$2494
	Medium	Flooring Restroom. Needs-Replace VCT flooring in staff restrooms	\$1,600	\$200-\$700	\$80-\$344
	Medium	Retractable Partition. Needs-Repair operable partitions between classrooms and between gym/cafeteria	\$15,500	\$1600-\$6700	\$775-\$3332
	Medium	Sinks. Needs-Replace fixtures in staff restrooms	\$1,600	\$200-\$700	\$80-\$344
	Medium	Water Closets. Needs-Replace fixtures in staff restrooms	\$2,400	\$300-\$1100	\$120-\$516
	Low	Suspended Ceilings. Needs-Replace ceiling grid and tile. Damaged during fire sprinkler install	\$77,100	\$7800-\$33200	\$3855-\$16576
Tier 3	High	Wall Foundations. Needs-Recalk foundation where concrete meets	\$2,900	\$300-\$1300	\$145-\$623
Tier 4	High	Other Landscape Features. Needs-Replace metal edging with concrete mow strip	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Seeding & Sodding. Needs-Resod/reseed grass areas	\$5,200	\$600-\$2300	\$260-\$1118

Estimated Total Construction Costs (in 2017 Dollars): \$425,300
 Estimated Project Management Costs Range: \$43,300 - \$184,000
 Estimated Inflation Range: \$21,265 - \$91,440

Estimated Total Project Costs: \$489,865 - \$700,740

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.



ThunderRidge High

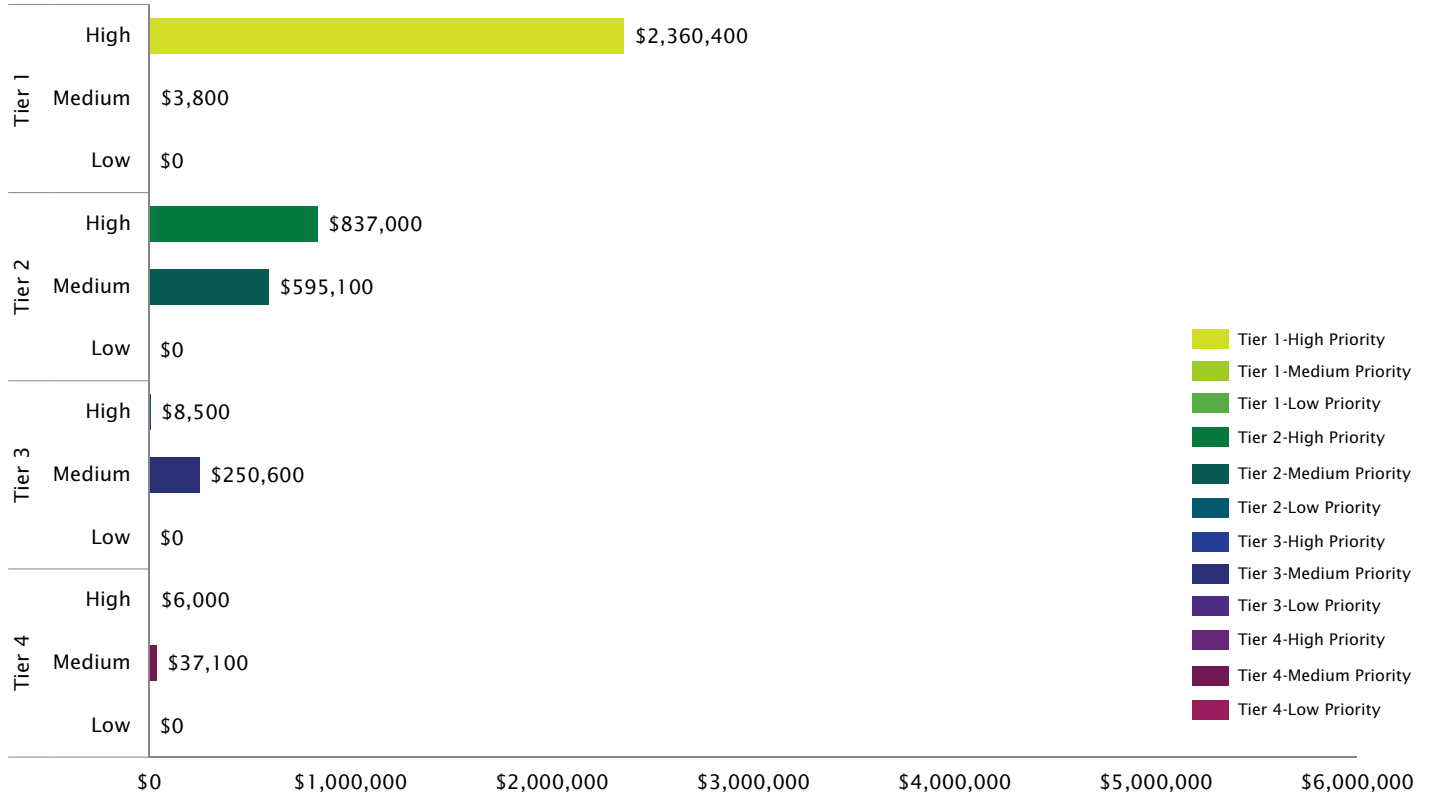
Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

1991 Wildcat Reserve Parkway
Highlands Ranch, CO 801296
ThunderRidge High School Feeder Area, 9-12

Funded by 1993 Bond
Opened in 1996

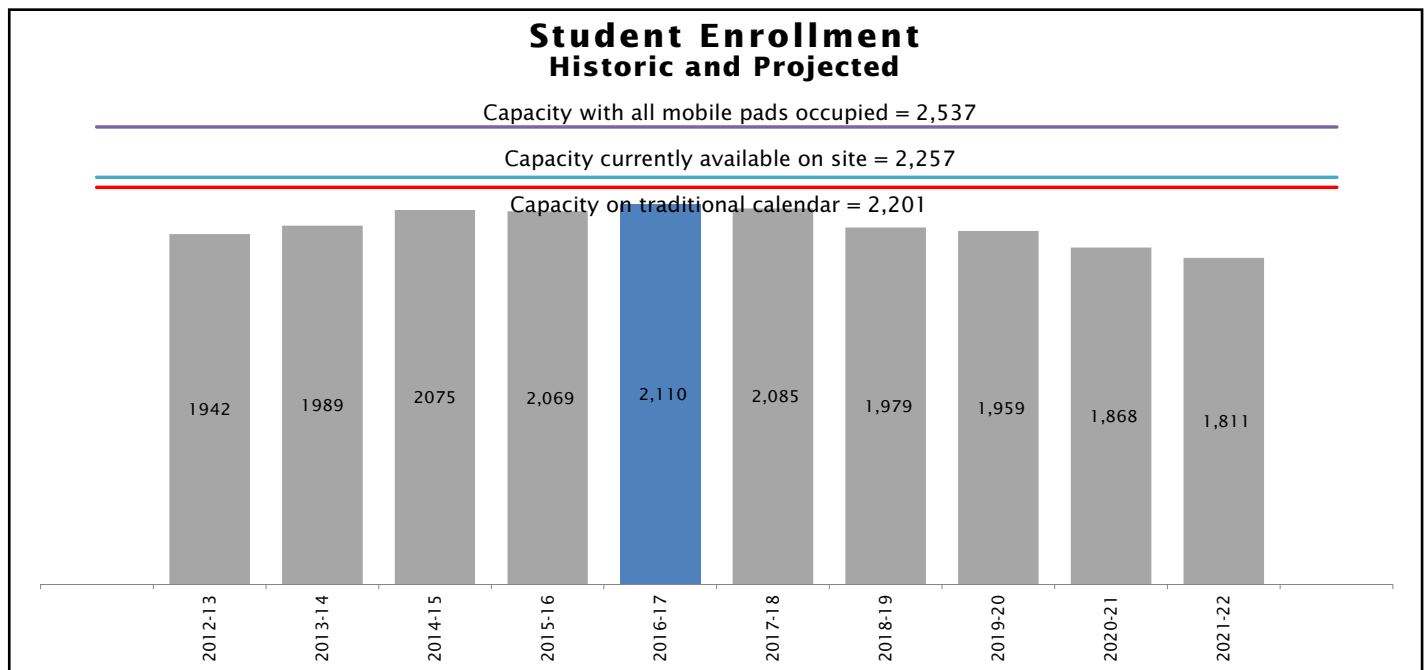
Site Acreage: 50
Facility Square Feet: 240,640
Mobiles on Site: 1

ThunderRidge High School-Identified Facility Projects Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$4,098,500

Estimated Total Project Costs: \$4,714,425 - \$6,743,678



Following is the list of currently unfunded facility projects at ThunderRidge High School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Replace sections with solar. Includes solar removal. Other sections replaced in 2014	\$826,900	\$82700-\$355600	\$41345-\$177783
	High	Direct Expansion Systems. Roof top units. Replace RTUs	\$937,200	\$93800-\$403000	\$46860-\$201498
	High	Air Distribution Systems. Update air handlers with HW coils, new motors, and VFDs.	\$185,400	\$18600-\$79800	\$9270-\$39861
	High	Change-over Distribution System. Upgrade all fan powered boxes to VAV reheat	\$185,400	\$18600-\$79800	\$9270-\$39861
	High	Fixed Multiple Seating, Replace main gym bleacher	\$178,000	\$17800-\$76600	\$8900-\$38270
	High	Glycol Distribution Systems. Upgrade/add HW loop	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Water Treatment Systems..Upgrade/add HW loop	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Irrigation Systems. Needs-Upgrade irrigation controllers	\$14,800	\$1500-\$6400	\$740-\$3182
	Medium	Emergency Light & Power Systems. Generator Cabinet needs minor repair	\$3,800	\$400-\$1700	\$190-\$817
Tier 2	High	Exterior Wall. Recaulk control joints. Re-seal CMU	\$51,000	\$5100-\$22000	\$2550-\$10965
	High	Window Storefronts. Needs-Commons has never ending leaks.	\$26,000	\$2600-\$11200	\$1300-\$5590
	High	Exterior Windows. Fix curtain wall window leakage at commons and hallways.	\$67,000	\$6700-\$28900	\$3350-\$14405
	High	Exterior Windows. Needs-Recaulk windows	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Fabricated Toilet Partitions. Replace in wings and main area	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Flooring Carpet. Replace carpet in main and pod hallways	\$300,000	\$30000-\$129000	\$15000-\$64500
	High	Flooring Restroom. Replace original sheet vinyl flooring with poured acrylic in all restrooms	\$38,300	\$3900-\$16500	\$1915-\$8234
	High	Showers. Poor condition. Needs-Showers need repaired	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Sink Countertops. Replace in kitchen, science room.	\$55,600	\$5600-\$24000	\$2780-\$11954
	High	Sink Countertops. Replace restroom sink counter tops	\$34,000	\$3400-\$14700	\$1700-\$7310
	High	Theater & Stage Equipment. Replace stage curtains and ~100 seats	\$44,500	\$4500-\$19200	\$2225-\$9567
	High	Carpeting. Needs-Replace carpet entry areas	\$2,700	\$300-\$1200	\$135-\$580
	High	Flooring Kitchen. Needs-Currently Hubbelite and cracks in concrete, Replace with MMA.	\$56,700	\$5700-\$24400	\$2835-\$12190
	High	Interior Doors. Replace Kitchen entry doors from cafeteria	\$3,000	\$300-\$1300	\$150-\$645
	High	Other Doors & Entrances. Replace continuous hinges on storefront doors	\$7,400	\$800-\$3200	\$370-\$1591
	High	Overhead Doors. Replace (4) four rollup doors	\$16,300	\$1700-\$7100	\$815-\$3504
	High	Paving & Surfacing, Sidewalks. Repair/Replace areas of sidewalk	\$8,400	\$900-\$3700	\$420-\$1806
	High	Paving and Surfacing. Repair/replace asphalt walks to athletic fields	\$9,400	\$1000-\$4100	\$470-\$2021
Tier 2	Medium	Flooring Cafeteria. Needs-Replace VCT	\$8,100	\$900-\$3500	\$405-\$1741
Tier 2	Medium	Site Improvements. Improve traffic flow at both schools	\$587,000	\$58700-\$252500	\$29350-\$126205
Tier 3	High	Wall Foundations. Recaulk foundation where concrete meets	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Suspended Ceilings. Replace kitchen tile with food grade	\$7,700	\$800-\$3400	\$385-\$1655
	Medium	Fire Sprinkler Water Supply. Building partially sprinkled. Pods not sprinkled. Would need to sprinkle all areas if renovation by code	\$242,900	\$24300-\$104500	\$12145-\$52223
Tier 4	High	Site Lighting Poles. Needs- Paint parking lot poles	\$6,000	\$600-\$2600	\$300-\$1290
	Medium	Other Landscape Features. Repair hillside in front of snack shack	\$37,100	\$3800-\$16000	\$1855-\$7976

Estimated Total Construction Costs (in 2017 Dollars): \$4,098,500
 Estimated Project Management Costs Range: \$411,000 - \$1,764,000
 Estimated Inflation Range: \$204,925 - \$881,178

Estimated Total Project Costs: \$4,714,425 - \$6,743,678

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

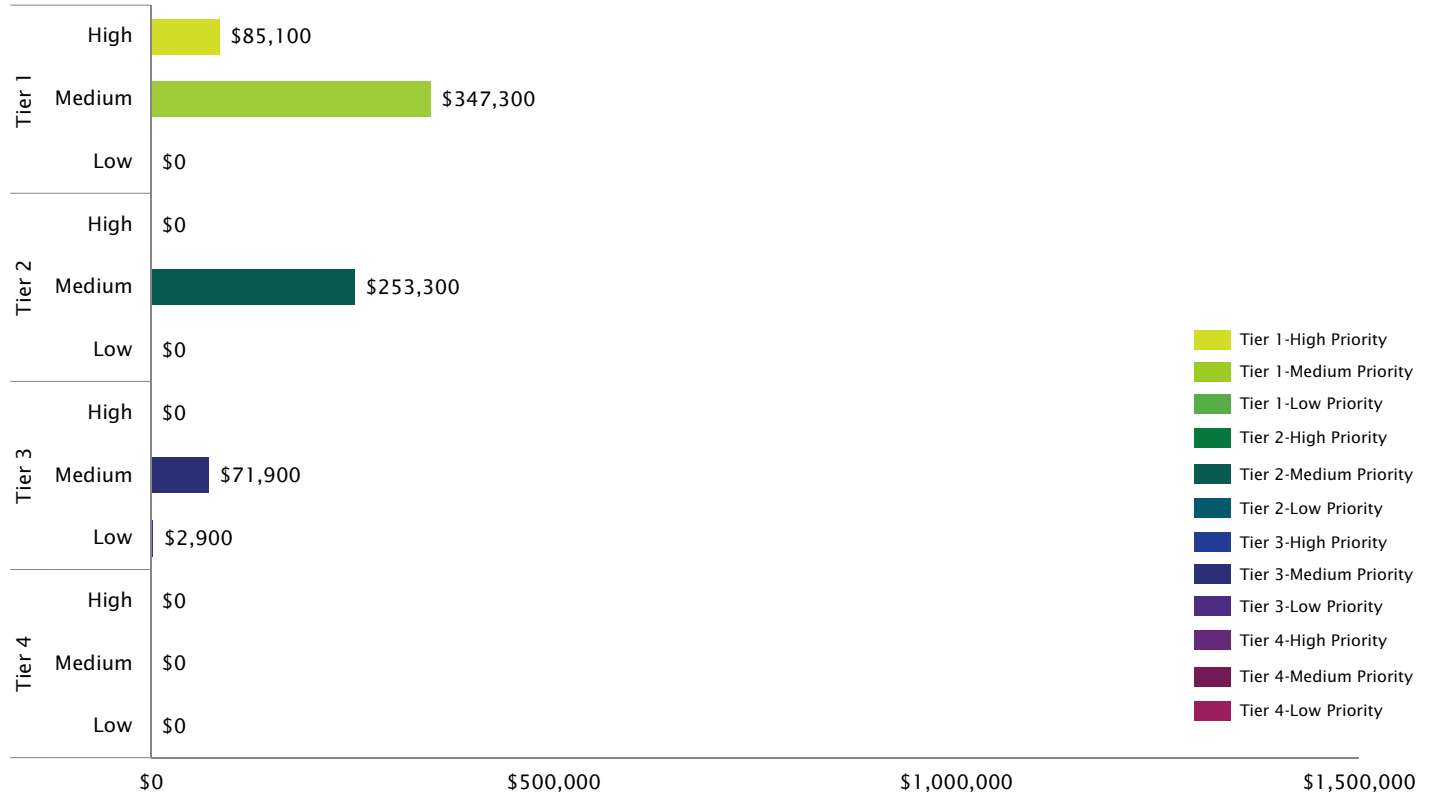
690 West Castle Pines Parkway
 Castle Pines, CO 80108
 Rock Canyon High School Feeder Area, K-5

Funded by 2000 Bond
 Opened in 2003

Site Acreage: 6.98
 Facility Square Feet: 56,868
 Mobiles on Site: 1

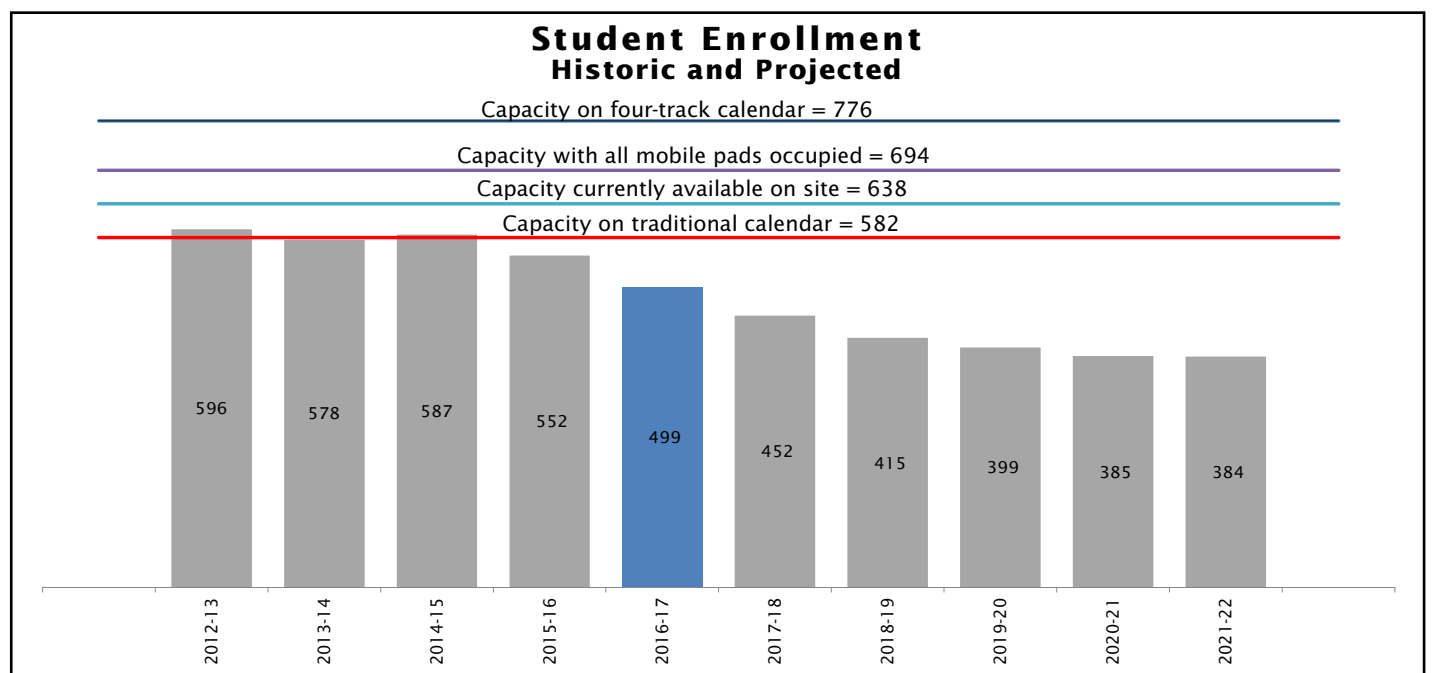
Timber Trail Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$760,500

Estimated Total Project Costs: \$875,525 - \$1,251,708



Following is the list of currently unfunded facility projects at Timber Trail Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$85,100	\$8600-\$36600	\$4255-\$18296
	Medium	Controls. Needs-Upgrade control system	\$347,300	\$34800-\$149400	\$17365-\$74669
Tier 2	Medium	Exterior Wall Construction. Needs-Recaulk building control joints, patch cracks, water seal CMU	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Window Curtain Walls. Needs-Water infiltration has happened in the past. Some caulking done but window wall frames should be rebuilt.	\$40,500	\$4100-\$17500	\$2025-\$8707
	Medium	Exterior Windows. Needs-Recaulk windows	\$13,400	\$1400-\$5800	\$670-\$2881
	Medium	Paint Exterior. Needs-Paint exterior trim, windows and doors	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Sink Countertops. Needs- Replace sink countertops with single surface	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Sinks. Needs-Replace with sink countertops, single surface	\$12,200	\$1300-\$5300	\$610-\$2623
	Medium	Solid Exterior Doors. Needs-Recaulk door frames	\$900	\$100-\$400	\$45-\$193
	Medium	Flooring Carpet. Needs-Replace walk off carpet at entries	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$72,900	\$7300-\$31400	\$3645-\$15673
Tier 3	Medium	Paving and Surfacing. Sidewalks. Needs-Repair/replace damage to sidewalks due to ground movement	\$16,300	\$1700-\$7100	\$815-\$3504
	Medium	Wall Foundations. Needs-Recaulk areas where concrete meets foundation walls	\$3,000	\$300-\$1300	\$150-\$645
	Medium	Wall Foundations. Needs-Some building movement, not severe but causing cracks on inside flooring and walls	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$64,800	\$6500-\$27900	\$3240-\$13932
	Low	Vinyl Covering. Needs-Repair areas of vinyl wall covering	\$2,900	\$300-\$1300	\$145-\$623

Estimated Total Construction Costs (in 2017 Dollars): \$760,500
 Estimated Project Management Costs Range: \$77,000 - \$327,700
 Estimated Inflation Range: \$38,025 - \$163,508

Estimated Total Project Costs: \$875,525 - \$1,251,708

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

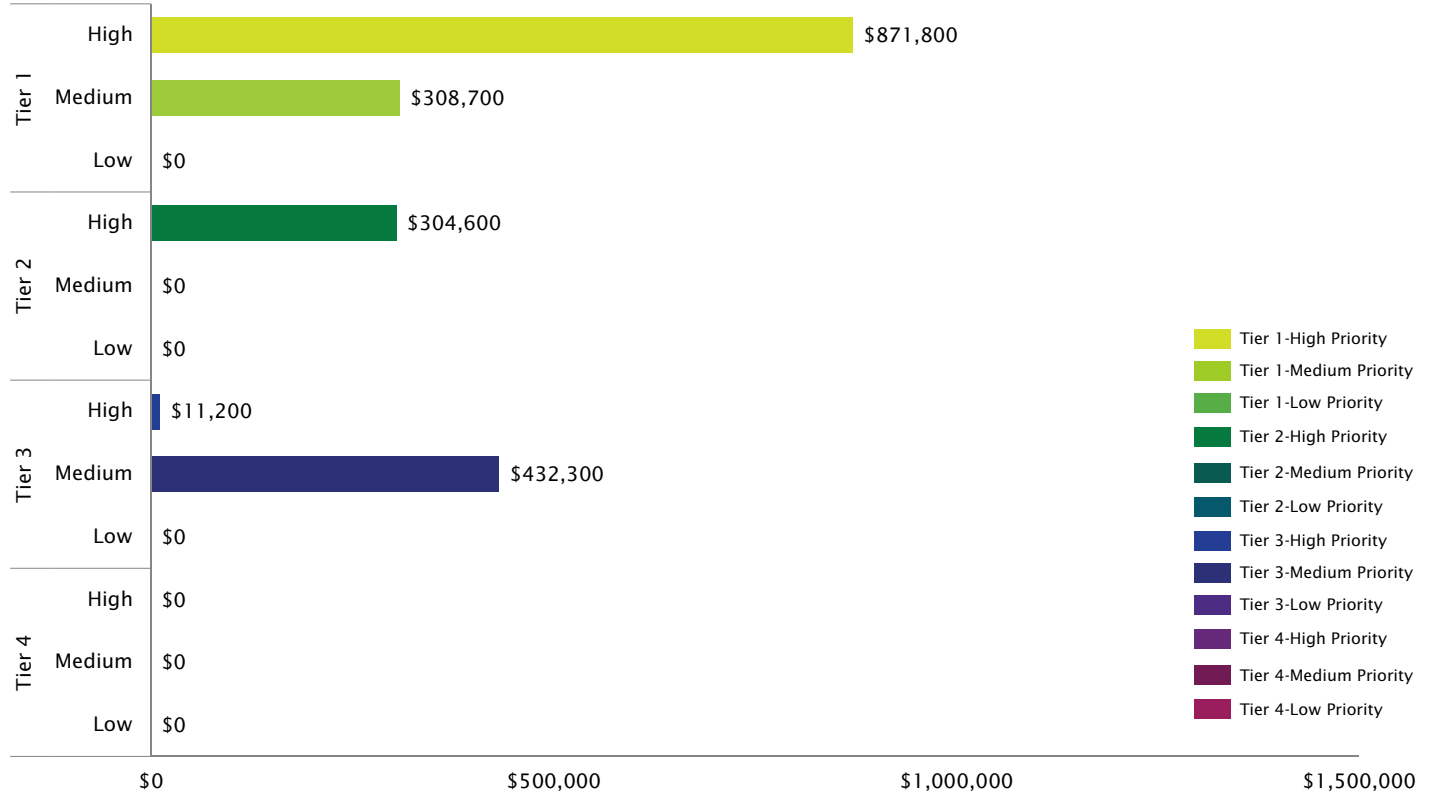
9760 South Hackberry
Highlands Ranch, CO 80129
ThunderRidge High School Feeder Area, K-6

Funded by DC Developers Trust Fund
Opened in 1997

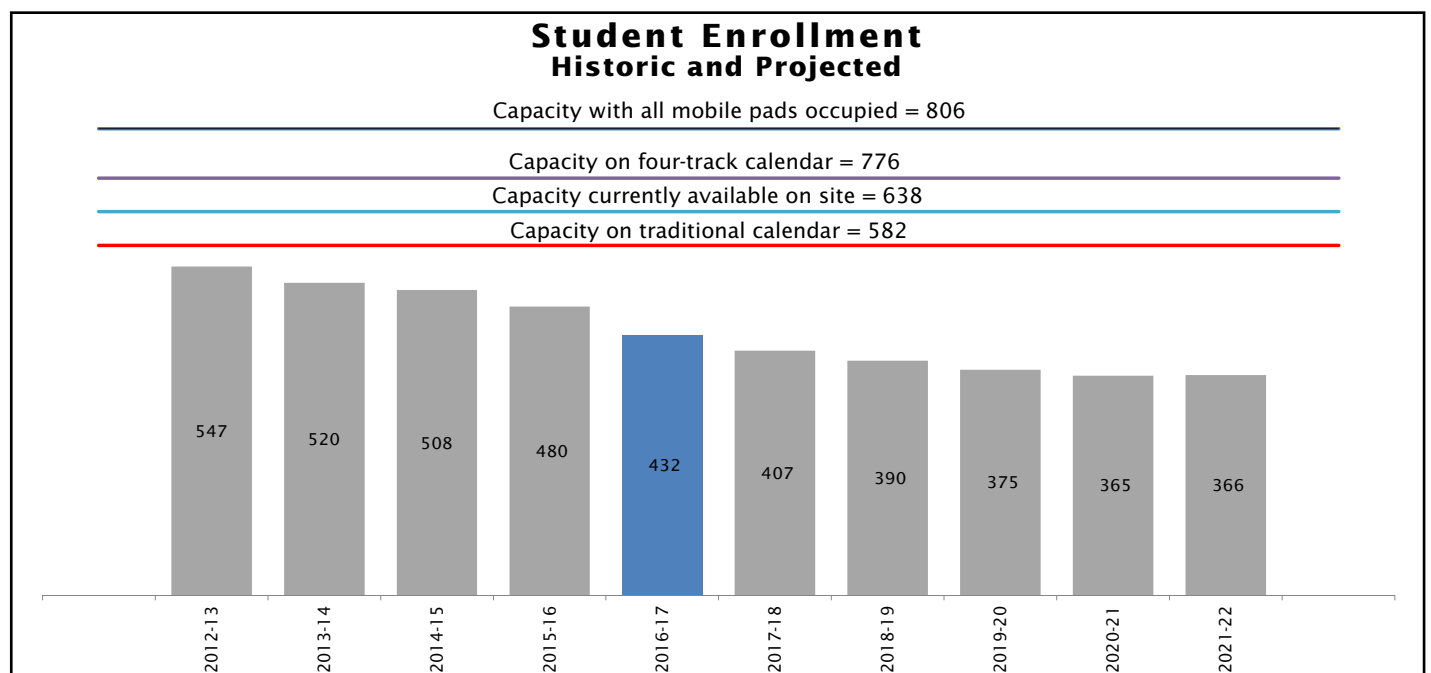
Site Acreage:10
Facility Square Feet: 51,020
Mobiles on Site: 1

Trailblazer Elementary-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,928,600
Estimated Total Project Costs: \$2,219,030 - \$3,173,649



Following is the list of currently unfunded facility projects at Trailblazer Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Controls. Needs-Upgrade controls. Replace pneumatic with DDC.	\$293,300	\$29400-\$126200	\$14665-\$63059
	High	Direct Expansion Systems. Roof top units. Needs-Replace RTUs	\$308,700	\$30900-\$132800	\$15435-\$66370
	High	Domestic Water Supply Equipment. Needs-Upgrade backflow	\$7,400	\$800-\$3200	\$370-\$1591
	High	Exhaust Ventilation Systems. Needs-Kitchen hood exhaust and MUA replacement/upgrade	\$55,200	\$5600-\$23800	\$2760-\$11868
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Irrigation Systems. Needs-Update the clock, need to pull pump out of pit.	\$57,200	\$5800-\$24600	\$2860-\$12298
	Medium	Direct Expansion Systems. Roof top units. Needs-Replace RTU's	\$308,700	\$30900-\$132800	\$15435-\$66370
Tier 2	High	Exterior Wall Construction. CMU and Brick. Needs-Reseal CMU.Stress cracks same as other schools. Control joints need re-caulking	\$15,900	\$1600-\$6900	\$795-\$3418
	High	Storefront windows. Hollow metal. Needs-Recaulk all windows	\$7,400	\$800-\$3200	\$370-\$1591
	High	Exterior Windows. Needs--Recaulk windows	\$13,300	\$1400-\$5800	\$665-\$2859
	High	Fabricated Toilet partitions. Needs-Replace toilet partitions	\$34,000	\$3400-\$14700	\$1700-\$7310
	High	Retractable Partitions. Needs-Refurbish gym/cafeteria partition. Curtains need replaced due to fire retardant life. Classrooms are not used and are in good shape.	\$14,800	\$1500-\$6400	\$740-\$3182
	High	Flooring Gym. Needs-Replace gym carpet	\$16,600	\$1700-\$7200	\$830-\$3569
	High	Kitchen Flooring. Needs-Replace kitchen flooring with poured acrylic. Currently Hubelite material (Red)	\$54,100	\$5500-\$23300	\$2705-\$11631
	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$74,200	\$7500-\$32000	\$3710-\$15953
	High	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Playing Fields. Playground. Needs-One playpad needs to be replaced R&R, the other needs and overlay	\$52,000	\$5200-\$22400	\$2600-\$11180
Tier 3	High	Wall Foundations. Good condition. Gym has cracks SE corner, corner of building appears to be settling.	\$11,200	\$1200-\$4900	\$560-\$2408
	Medium	Playing Fields. Fields, Have drainage issue on north end of playground next to privacy fence	\$37,100	\$3800-\$16000	\$1855-\$7976
	Medium	Suspended Ceilings. Needs-Replace all ceiling tiles in the kitchen. (need to be food grade)	\$5,900	\$600-\$2600	\$295-\$1268
	Medium	Fire Sprinkler. Needs-Install sprinkler system. Only in Cafeteria. Current code requires fully sprinkled building if remodeled	\$374,500	\$37500-\$161100	\$18725-\$80517
	Medium	Vinyl Coverings. Wall Finishes. Needs-Repair walls vinyl. Many tears, patches, water damage and seams coming apart in hallways and pods. Bathroom halls have colored vinyl that need replaced.	\$7,400	\$800-\$3200	\$370-\$1591
	Medium	Grease interceptor. Needs-Bypass grease interceptor if possible	\$7,400	\$800-\$3200	\$370-\$1591

Estimated Total Construction Costs (in 2017 Dollars): \$1,928,600
 Estimated Project Management Costs Range: \$194,00 - \$830,400
 Estimated Inflation Range: \$96,430 - \$414,649

Estimated Total Project Costs: \$2,219,030 - \$3,173,649

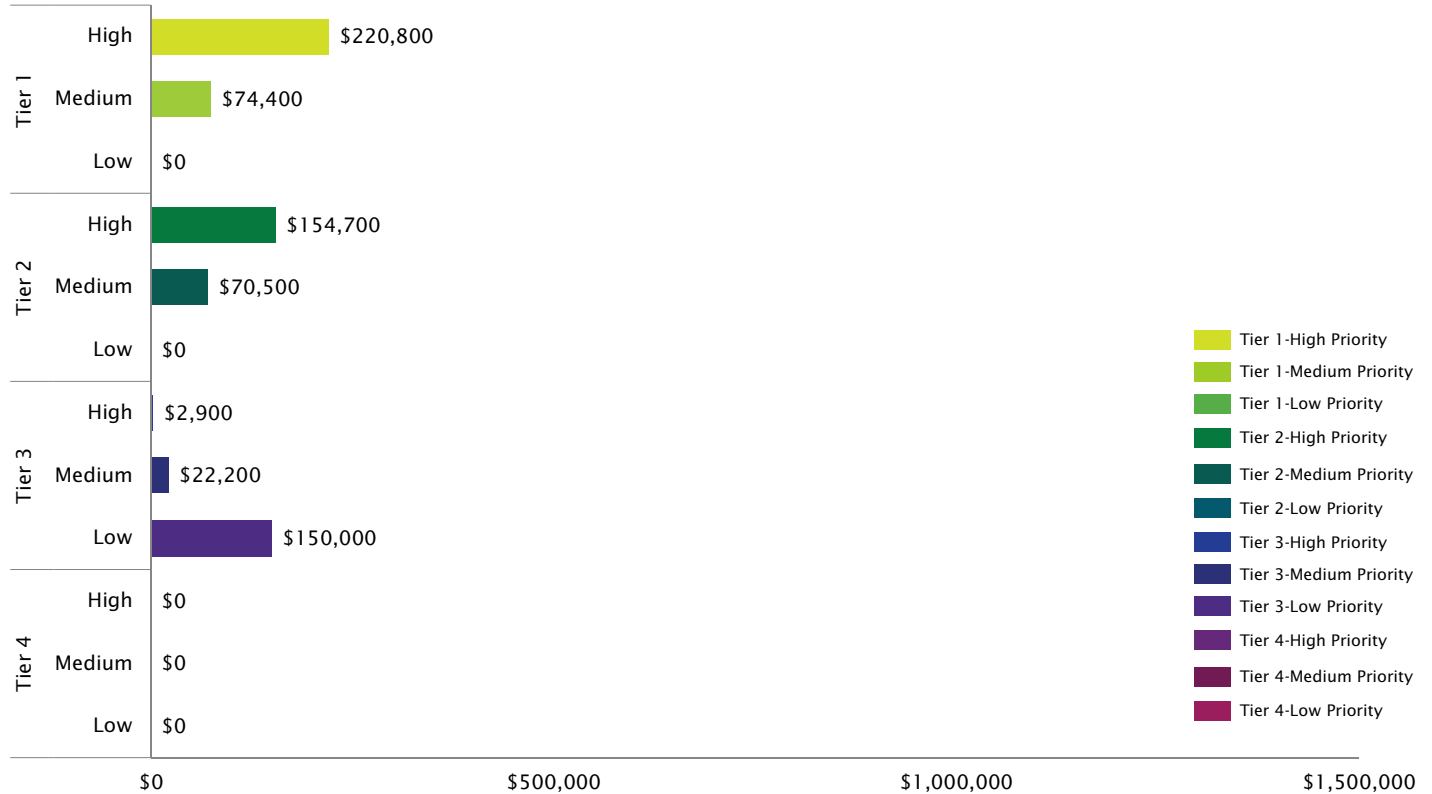
Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

6585 Lionshead Parkway
Littleton, CO 80124
Rock Canyon High School Feeder Area, K-5

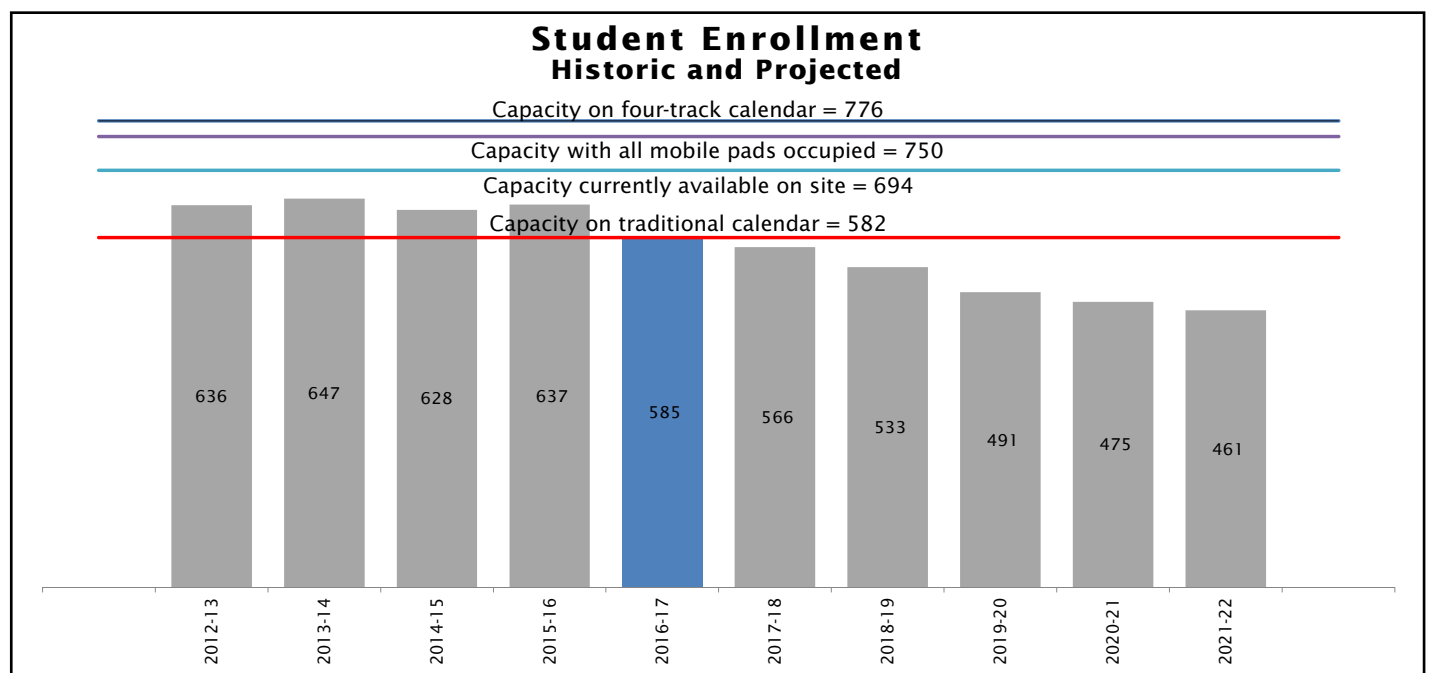
Funded by 1997 Bond
Opened in 1998

Site Acreage: 10
Facility Square Feet: 51,676
Mobiles on Site: 2

Wildcat Mountain Elementary-Identified Facility Projects
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$695,500
Estimated Total Project Costs: \$800,475 - \$1,145,033



Following is the list of currently unfunded facility projects at Wildcat Mountain Elementary

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Emergency Light and Power Systems. Generator and Transfer Switch. Needs-Replace generator.	\$16,200	\$1700-\$7000	\$810-\$3483
	High	Air Distribution Systems Air handlers, ductwork, VAV's. Needs-AHU #4 needs some ductwork changed, moisture damage	\$4,600	\$500-\$2000	\$230-\$989
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$150,000	\$15000-\$64500	\$7500-\$32250
	High	Chilled Water Systems. Chiller, cooling tower. Needs-Rebuild/replace cooling tower	\$50,000	\$5000-\$21500	\$2500-\$10750
	Medium	Boiler Room Piping. All in good shape, Needs-May have to replace some to upgrade to DDC from pneumatic	\$29,700	\$3000-\$12800	\$1485-\$6385
	Medium	Local Area Networks. ITS/Head End Equipment. Needs-Expanded or new MDF closet (minimum 10'X10')	\$44,700	\$4500-\$19300	\$2235-\$9610
Tier 2	High	Exterior Wall Construction. Needs-Recaulk control joints.	\$3,000	\$300-\$1300	\$150-\$645
	High	Exterior Windows . Needs-Major gaps need sealed and maintained yearly due to building movement.	\$3,500	\$400-\$1600	\$175-\$752
	High	Exterior Wall Construction. Needs-Seal and repair CMU. Stress cracks same as other schools. Lack of control joints	\$16,000	\$1600-\$6900	\$800-\$3440
	High	Storefront windows. Needs-All entrances need filler plates fabricated and installed. The building movement has created large gaps which has been filled with caulking and is only temporary due to shrinkage creating air gaps	\$27,800	\$2800-\$12000	\$1390-\$5977
	High	Exterior Windows. Needs-Recaulk windows	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Flooring Hallways/Classrooms. Needs-Replace VCT in classrooms due to building movement	\$8,900	\$900-\$3900	\$445-\$1913
	High	Flooring Kitchen. Needs-Replace kitchen flooring	\$56,700	\$5700-\$24400	\$2835-\$12190
	High	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Roof Finishes. Needs-Paint metal roof	\$4,500	\$500-\$2000	\$225-\$967
	Medium	Paving & Surfacing. Parking Lot Fair. Needs-Resurface and crack fill asphalt as necessary. Overlay parking lot at east end by drain	\$44,500	\$4500-\$19200	\$2225-\$9567
	Medium	Glazed Roof Openings.Skylights. Needs-Repair leakage at skylights	\$5,000	\$500-\$2200	\$250-\$1075
	Medium	Operable Partition. Needs-Minor repairs needed	\$10,500	\$1100-\$4600	\$525-\$2257
	Medium	Toilet Partitions Needs-Minor repairs needed at identified locations	\$10,500	\$1100-\$4600	\$525-\$2257
Tier 3	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$2,900	\$300-\$1300	\$145-\$623
	Medium	Vinyl Wall Covering. Needs-Repair/ replace vinyl due to building movement and water damage at storefronts	\$14,800	\$1500-\$6400	\$740-\$3182
	Medium	Grease interceptor. Needs-Bypass if applicable	\$7,400	\$800-\$3200	\$370-\$1591
	Low	Ceiling Finishes. Needs-Repair ceiling grid due to building movement	\$150,000	\$15000-\$64500	\$7500-\$32250

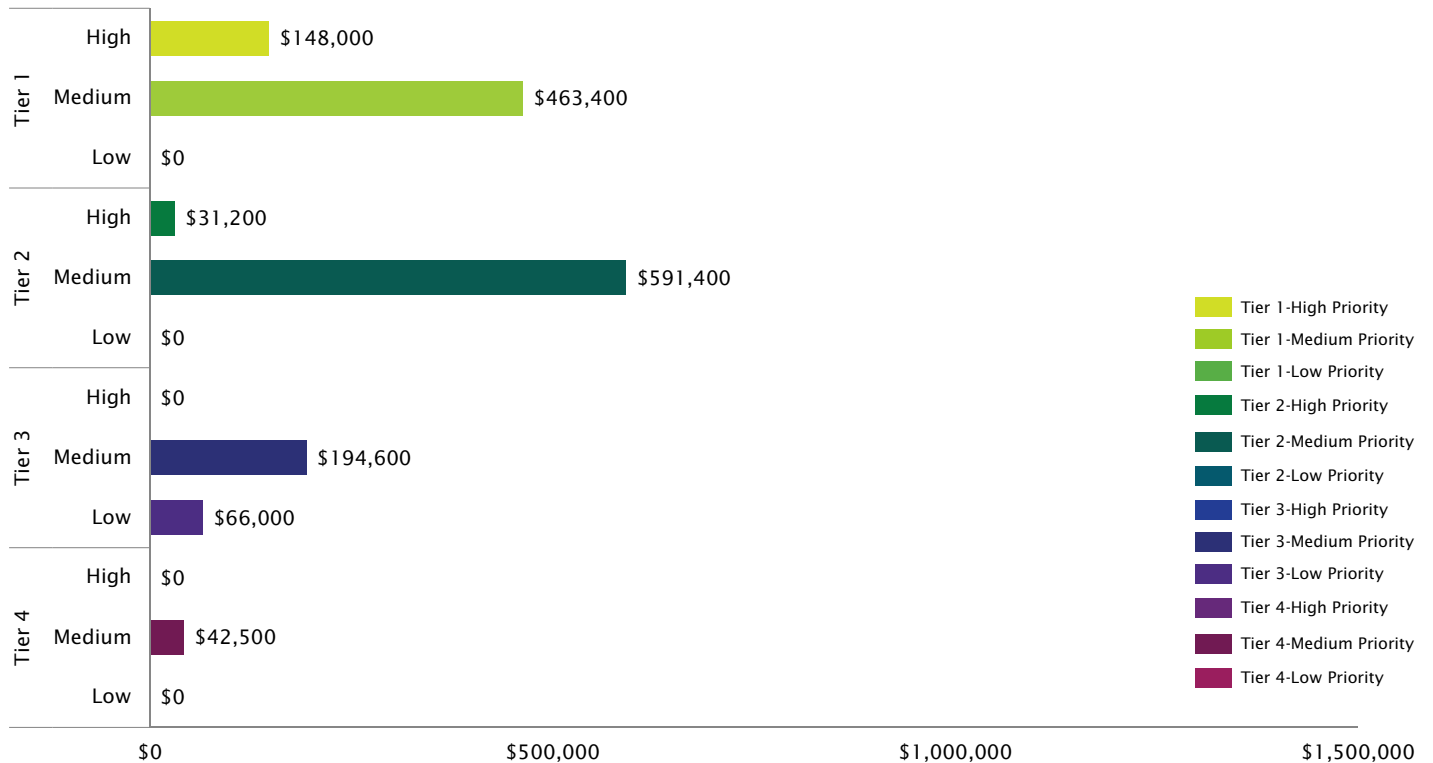
Estimated Total Construction Costs (in 2017 Dollars): \$695,500
 Estimated Project Management Costs Range: \$70,200 - \$300,000
 Estimated Inflation Range: \$34,775 - \$149,533

Estimated Total Project Costs: \$800,475 - \$1,145,033

Want to learn more about the facility projects that have been done at this school?
 Click [here](#) to see this school's capital renewal history.

312 Cantril Street
 Castle Rock, CO 80104
 Administration/District Offices and PreSchool Facility

Cantril Building-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,537,100
Estimated Total Project Costs: \$1,771,055 - \$2,532,277

Following is the list of currently unfunded facility projects at the DCSD Cantril Building

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
	High	Branch Wiring Devices. Needs-Upgrade branch wiring and devices to current code	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Branch Wiring Devices. Needs-Upgrade electrical wiring to current code PS	\$4,200	\$500-\$1900	\$210-\$903
	High	Sanitary Sewer Systems. Needs-Repair/replace sanitary sewer system piping	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Controls. Needs-Better control of existing steam distribution system	\$21,300	\$2200-\$9200	\$1065-\$4579
	High	Interior Door hardware. Needs-Replace current non-restricted key system with restricted. Hardware change	\$75,000	\$7500-\$32300	\$3750-\$16125
	High	Panels and Transformers. Needs-Replace panel in furnace closet PS	\$2,300	\$300-\$1000	\$115-\$494
	High	Panels and Transformers. Needs-Replace panel on second level, small office	\$2,600	\$300-\$1200	\$130-\$559
Tier 1	Medium	Chilled Water Distribution. Needs-Add chilled water distribution and fan coil units in each room	\$304,000	\$30400-\$130800	\$15200-\$65360
	Medium	Clock and Program Systems. Needs-Install new clock system	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Gutters and Downspouts. Needs-Replace all gutters and downspouts. Reconfigure down spouts and drains at SE entry	\$6,900	\$700-\$3000	\$345-\$1483
	Medium	Hot Water Distribution. Needs-Add hot water distribution to fan coil units in each room. Add heat exchanger for boiler	\$60,900	\$6100-\$26200	\$3045-\$13093
	Medium	Package Units. Needs-Install new window AC units	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Roof Eaves and Soffits. Needs-Restoration of eaves and soffits	\$21,300	\$2200-\$9200	\$1065-\$4579
	Medium	Steam Distribution Systems. Needs-Steam piping is old and needs to be checked thoroughly for replacement. Many fittings and valves rusting and in need of replacement. Many of the radiators need renovated or replaced	\$5,500	\$600-\$2400	\$275-\$1182
	Medium	Air Distribution Systems. Needs-Install AC in gym	\$44,700	\$4500-\$19300	\$2235-\$9610
	Medium	Lighting Equipment. Needs-Replace incandescent lighting fixtures throughout as necessary	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Lighting Equipment. Needs-Replace old incandescent fixtures in hallways PS	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Emergency Light and Power Systems. Needs-Add LED emergency/exit lighting	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Emergency Light and Power Systems. Needs-Add LED emergency/exit lighting PS	\$2,600	\$300-\$1200	\$130-\$559
	Tier 2	High	Fabricated Toilet Partitions. Needs-Restore or replace (historic) partitions on lower level	\$6,600	\$700-\$2900
High		Flooring Restroom. Needs-Replace restroom flooring. Currently all 3 restrooms have VCT	\$6,600	\$700-\$2900	\$330-\$1419
High		Sinks. Needs-Replace older sinks in restrooms	\$2,500	\$300-\$1100	\$125-\$537
High		Waste Piping. Needs-Check waste piping at restroom areas. The piping is old and many are exposed.	\$400	\$100-\$200	\$20-\$86
High		Flooring Gym. Needs-Replace carpet in gym	\$12,500	\$1300-\$5400	\$625-\$2687
High		Glazed Doors and Entrances. Needs-Restoration of two front entrances	\$2,600	\$300-\$1200	\$130-\$559
Medium		Controls. Needs-Add new DDC controls if new HVAC system installed	\$232,800	\$23300-\$100200	\$11640-\$50052

Not all capital needs for Cantril Building shown. For a complete listing of the Cantril Building's capital needs see Appendix 2

Estimated Total Construction Costs (in 2017 Dollars): \$1,537,100

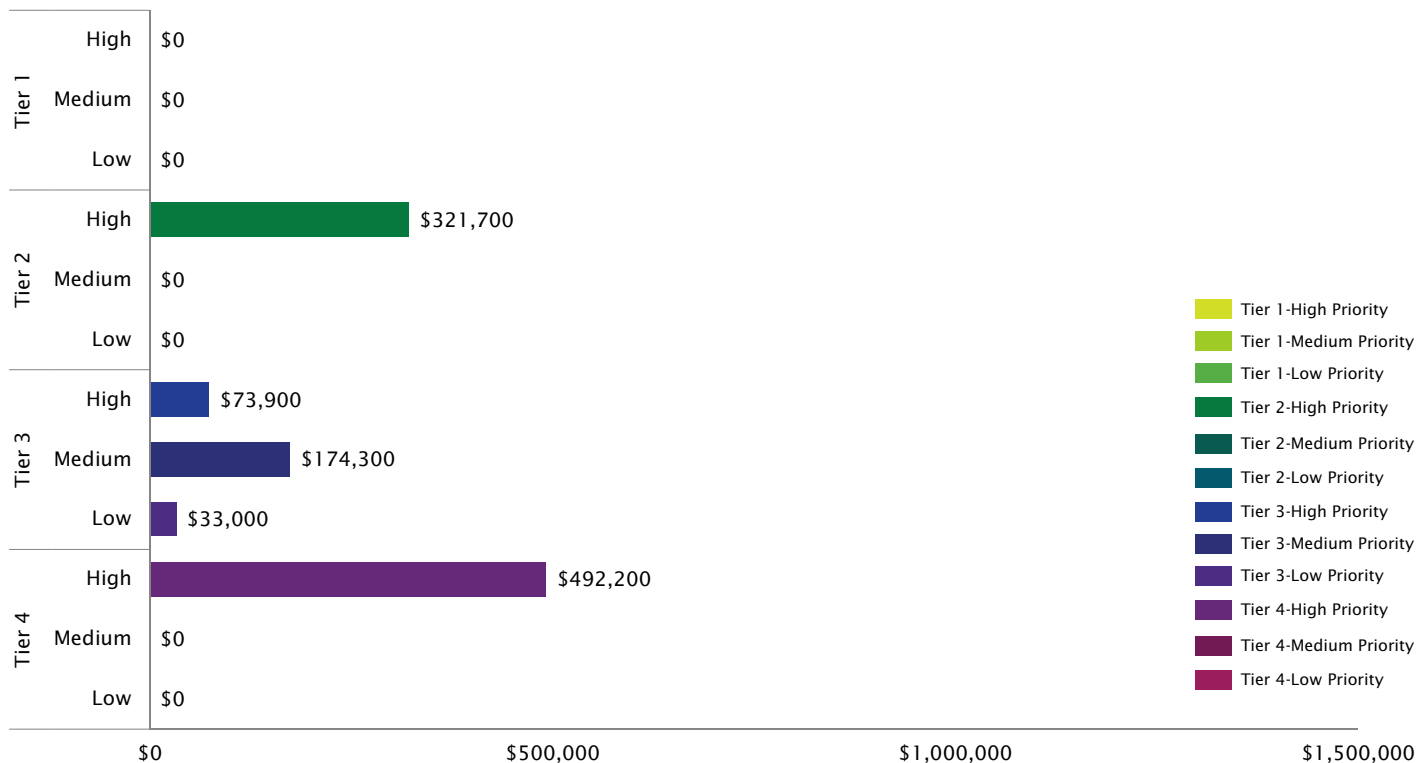
Estimated Project Management Costs Range: \$157,100 - \$664,700

Estimated Inflation Range: \$76,855 - \$330,477

Estimated Total Project Costs: \$1,771,055 - \$2,532,277

2842 Front Street
Castle Rock, CO 80104
DCSD Stadium

Douglas County Schools Stadium-Identified Facility Projects
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,095,100
Estimated Total Project Costs: \$1,259,655 - \$1,801,647

Following is the list of currently unfunded facility projects at the Douglas County Schools Stadium

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 2	High	Miscellaneous Structures. Needs-Replace bleachers including concrete supporting system	\$223,200	\$22400-\$96000	\$11160-\$47988
	High	Paving and Surfacing. Sidewalks. Needs-Replace/repair areas of sidewalk around concession and bleachers	\$98,500	\$9900-\$42400	\$4925-\$21177
Tier 3	High	Fences and Gates. Needs-Repair/replace sections of fence around site	\$73,900	\$7400-\$31800	\$3695-\$15888
	Medium	Ceiling Finishes. Needs-Caulk areas where ceiling meets CMU in stadium restrooms	\$2,000	\$200-\$900	\$100-\$430
	Medium	Retaining Walls. Needs-Install new retaining walls for drainage issues	\$172,300	\$17300-\$74100	\$8615-\$37044
	Low	Playing Fields. Other. Needs-Install concrete mow strip and crusher fines around new track	\$33,000	\$3300-\$14200	\$1650-\$7095
Tier 4	High	Other Landscape Features. Needs-Renovate areas inside and outside of immediate stadium area with new landscaping	\$492,200	\$49300-\$211700	\$24610-\$105823

Estimated Total Construction Costs (in 2017 Dollars): \$1,095,100

Estimated Project Management Costs Range: \$109,800 - \$471,100

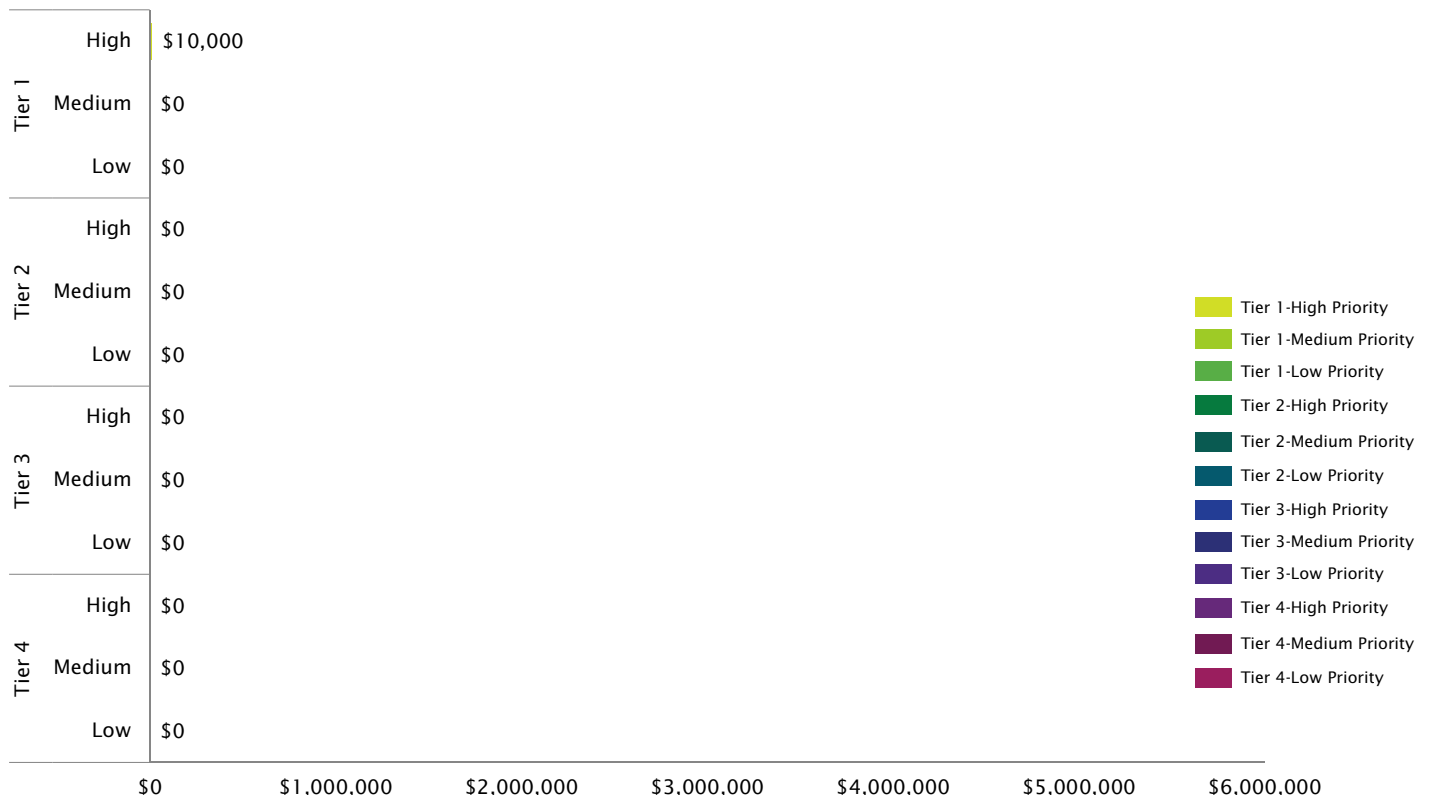
Estimated Inflation Range: \$54,755 - \$235,447

Estimated Total Project Costs: \$1,259,655 - \$1,801,647

11901 Newlin Gulch Blvd.
 Parker, CO 80134
 DCSD Stadium

EchoPark Stadium-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$10,000
Estimated Total Project Costs: \$11,500 - \$16,450

Following is the list of currently unfunded facility projects at the EchoPark Stadium

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Special Foundations. Needs-Repair foundation on east side of concession building where water infiltration to lower studio area occurs	\$10,000	\$1000-\$4300	\$500-\$2150

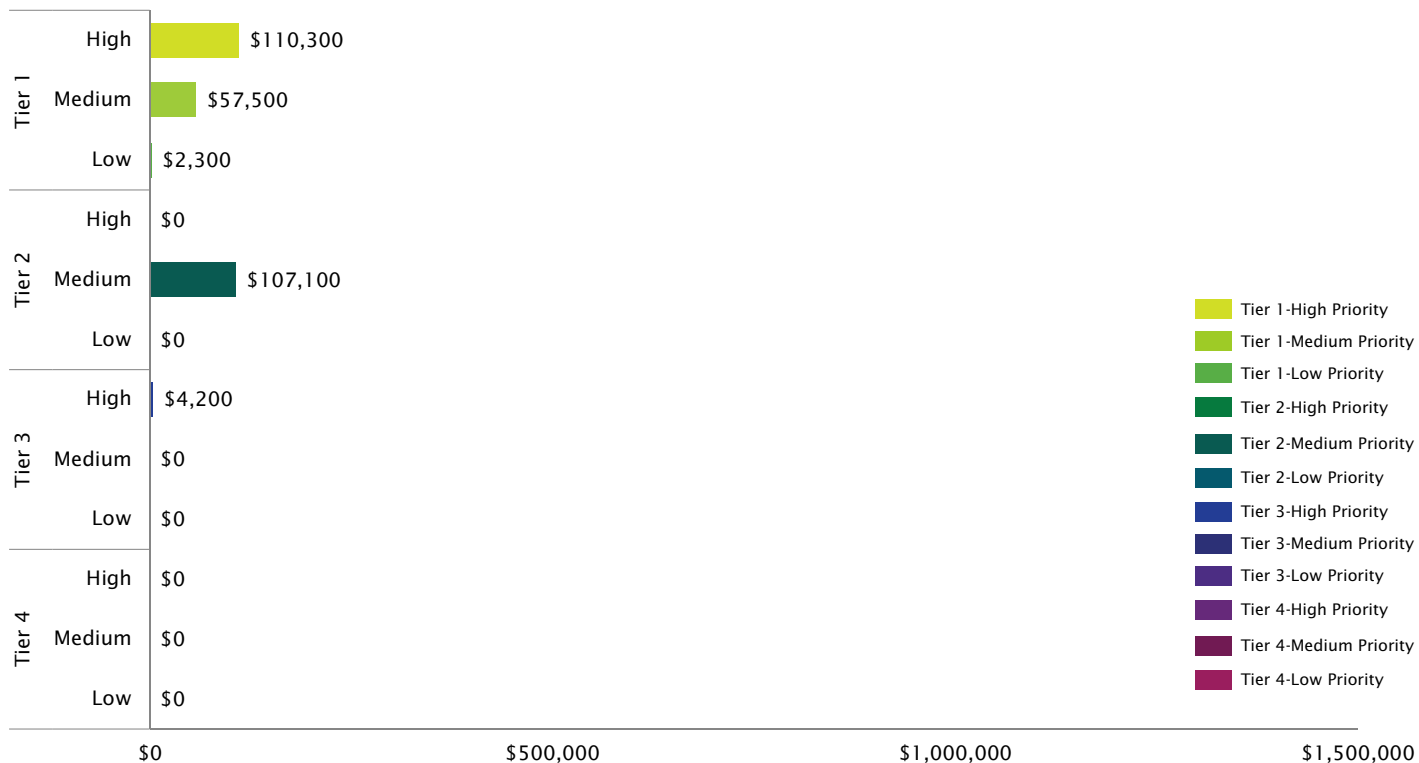
Estimated Total Construction Costs (in 2017 Dollars): \$10,000

Estimated Project Management Costs Range: \$1,000 - \$4,300

Estimated Inflation Range: \$500 - \$2,150

Estimated Total Project Costs: \$11,500 - \$16,450

Joint Service Center-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$281,400
Estimated Total Project Costs: \$324,570 - \$463,801

Following is the list of currently unfunded facility projects at the DCSD Joint Service Center

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
	High	Roof Finishes. Needs-Install new roof over admin and garage areas.x-Roof over garage area replaced 2014, admin area parapet walls only	\$110,300	\$11100-\$47500	\$5515-\$23714
Tier 1	Medium	Exhaust Ventilation Systems. Needs-Exhaust fans in garage are very loud and need some type of sound insulation	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Terminal Self-Contained Units. Needs-Replace MAU for garage with DX heating and cooling unit	\$55,200	\$5600-\$23800	\$2760-\$11868
	Low	Site Electrical Distribution. Needs-Repair concrete bollards protecting bus heater outlets	\$2,300	\$300-\$1000	\$115-\$494
Tier 2	Medium	Exterior Wall Construction. Needs-Re-seal CMU and recaulk control joints	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Flooring Restroom. Needs-Replace sheet vinyl in restrooms	\$6,900	\$700-\$3000	\$345-\$1483
	Medium	Sink Countertops. Needs-Replace sink countertops in admin restrooms	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Curbs, Rails and Barriers. Needs-Repair/replace areas of curb and gutter	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Flooring Hallways/Classrooms. Needs-Replace VCT in lounge	\$3,500	\$400-\$1600	\$175-\$752
	Medium	Hazardous Waste Remediation. Needs-Water drains into used oil holding area. Mitigate water flow into pit	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Overhead Doors. Needs-Repair garage doors, repair controls	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Paving and Surfacing. Parking Lot. Needs-Improve drainage in front of admin entrance	\$21,300	\$2200-\$9200	\$1065-\$4579
	Medium	Paving and Surfacing. Parking Lot. Needs-Repair areas of concrete parking area. Recaulk all joints	\$42,500	\$4300-\$18300	\$2125-\$9137
	Medium	Wash Fountains. Needs-Replace wash fountain at garage area	\$2,600	\$300-\$1200	\$130-\$559
Tier 3	High	Standard Slab on Grade. Needs-Recoat garage flooring	\$4,200	\$500-\$1900	\$210-\$903

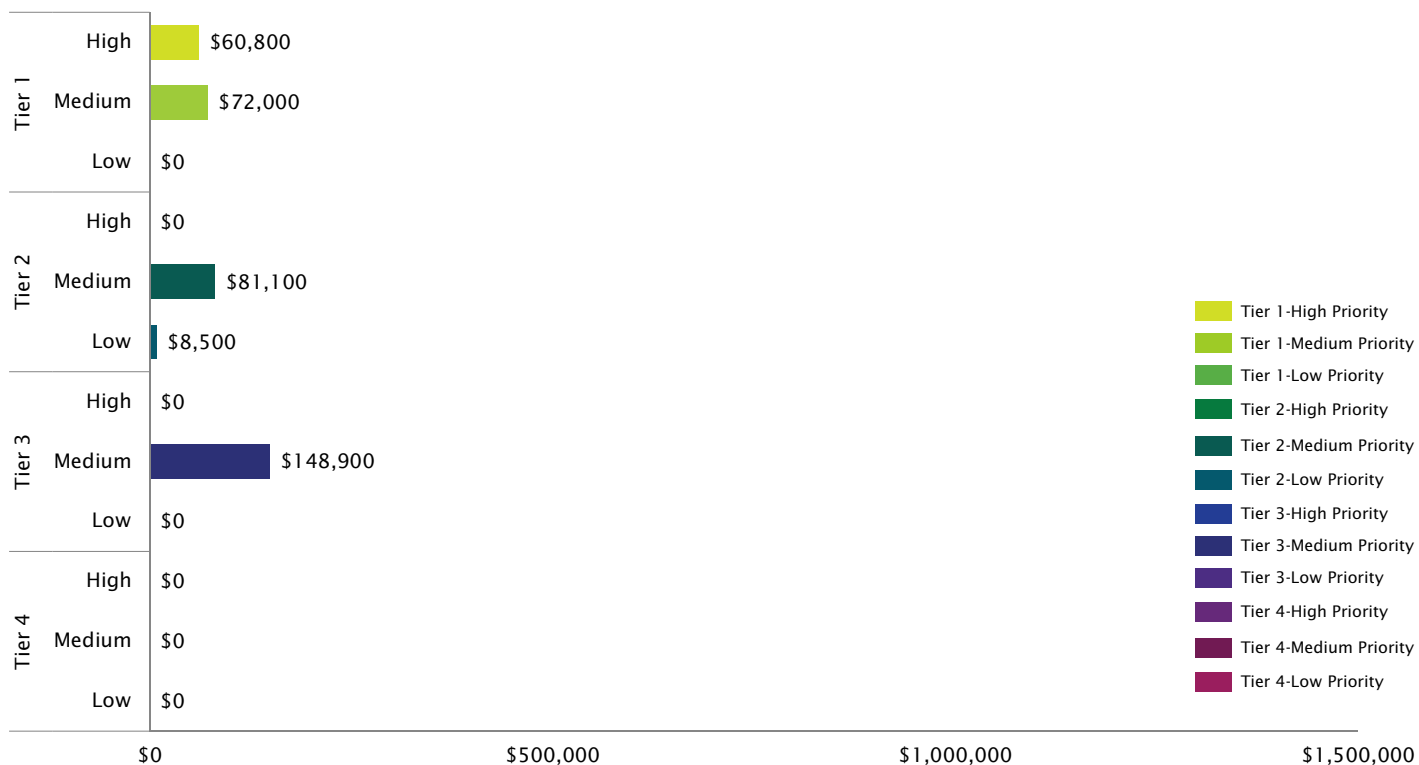
Estimated Total Construction Costs (in 2017 Dollars): \$281,400
 Estimated Project Management Costs Range: \$29,100 - \$121,900
 Estimated Inflation Range: \$14,070 - \$60,501

Estimated Total Project Costs: \$324,570 - \$463,801

3002 North State Highway 83
Franktown, CO 80116
DCSD Operations & Maintenance Facility

Operations & Maintenance East Facility-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$371,300
Estimated Total Project Costs: \$427,965 - \$612,030

Following is the list of currently unfunded facility projects at the Operations & Maintenance East

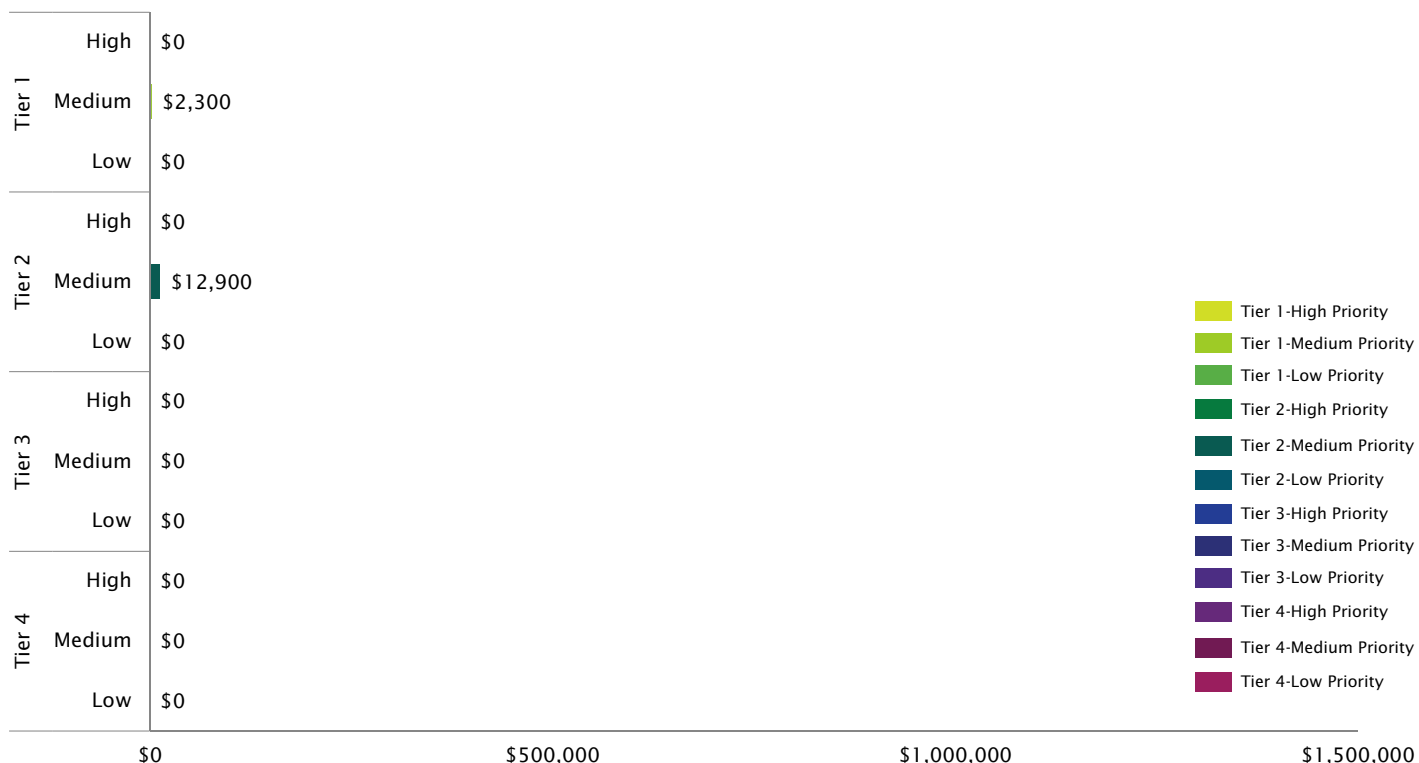
Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Branch Wiring Devices. Needs-Replace romex wiring with conduit system	\$12,700	\$1300-\$5500	\$635-\$2730
	High	Energy Supply. Needs-Replace outside gas piping to inside of building.	\$1,400	\$200-\$700	\$70-\$301
	High	Panels and Transformers. Needs-Replace panels and transformer	\$12,700	\$1300-\$5500	\$635-\$2730
	High	Switchgear-Main. Needs-Replace main switchgear	\$34,000	\$3400-\$14700	\$1700-\$7310
	Medium	Roof Finishes. Needs-New roof on north wood structure if kept for storage	\$14,900	\$1500-\$6500	\$745-\$3203
	Medium	Auxiliary Equipment. Needs-Replace furnace units	\$11,500	\$1200-\$5000	\$575-\$2472
	Medium	Interior Door Hardware. Needs-Re-key to district standard. Add hardware where necessary	\$24,300	\$2500-\$10500	\$1215-\$5224
	Medium	Package Units. Needs-Replace AC units	\$21,300	\$2200-\$9200	\$1065-\$4579
Tier 2	Medium	Drinking Fountains and Coolers. Needs- Replace electric drinking fountains (2)	\$6,900	\$700-\$3000	\$345-\$1483
	Medium	Exterior Wall Construction. Needs-Re-point areas of brick, repair cracks	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Exterior Windows. Needs-Caulk windows	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Lavatories. Needs-Replace faucets	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Sinks. Needs-Replace sinks in restrooms and in shop area	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Paving and Surfacing. Parking Lot. Needs-Replace sections of concrete parking areas	\$17,000	\$1700-\$7400	\$850-\$3655
	Medium	Paving and Surfacing. Roadways. Needs-Replace sections of concrete roadway around building	\$25,500	\$2600-\$11000	\$1275-\$5482
	Medium	Wash Fountains. Needs-Replace wash fountain in shop area	\$11,500	\$1200-\$5000	\$575-\$2472
	Low	Curbs, Rails and Barriers. Needs-Install curbs to improve drainage	\$8,500	\$900-\$3700	\$425-\$1827
Tier 3	Medium	Wall Foundations. Needs-Re-caulk where sidewalks meet foundation walls	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Retaining Walls. Needs-Repair brick retaining walls at both dock areas, timber retaining walls at north dock and along fenceline in back	\$10,200	\$1100-\$4400	\$510-\$2193
	Medium	Fire Sprinkler Water Supply. Needs-Install sprinkler system	\$127,600	\$12800-\$54900	\$6380-\$27434
	Medium	Paint Interior. Needs-Paint interior office areas	\$8,500	\$900-\$3700	\$425-\$1827

Estimated Total Construction Costs (in 2017 Dollars): \$371,300
 Estimated Project Management Costs Range: \$38,100 - \$160,900
 Estimated Inflation Range: \$18,565 - \$79,830

Estimated Total Project Costs: \$427,965 - \$612,030

Operations & Maintenance West Facility-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$15,200
Estimated Total Project Costs: \$17,660 - \$25,268

Following is the list of currently unfunded facility projects at the Operations & Maintenance West Building

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	Medium	Roof Eaves and Soffitts. Needs-Fix drainage issues at front and rear entries	\$2,300	\$300-\$1000	\$115-\$494
Tier 2	Medium	Exterior Windows. Needs-Replace basement windows	\$1,700	\$200-\$800	\$85-\$365
	Medium	Exterior Windows. Needs-Replace windows	\$1,700	\$200-\$800	\$85-\$365
	Medium	Paint Exterior. Needs-Paint exterior	\$6,900	\$700-\$3000	\$345-\$1483
	Medium	Solid Exterior Doors. Needs-Replace exterior door at NE office	\$900	\$100-\$400	\$45-\$193
	Medium	Solid Exterior Doors. Needs-Replace north and south entry doors	\$1,700	\$200-\$800	\$85-\$365

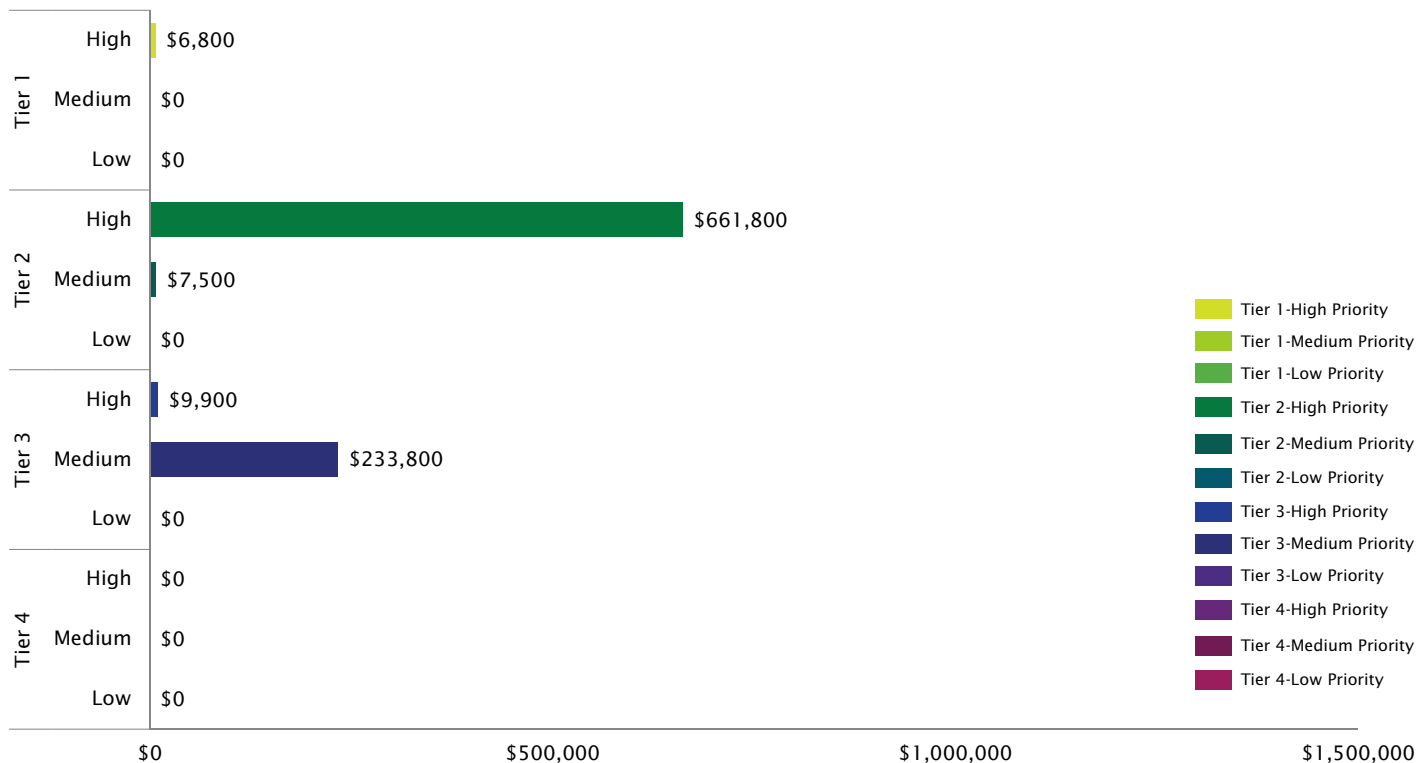
Estimated Total Construction Costs (in 2017 Dollars): \$15,200

Estimated Project Management Costs Range: \$1,700 - \$6,800

Estimated Inflation Range: \$760 - \$3,268

Estimated Total Project Costs: \$17,660 - \$25,268

Shea Stadium-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$919,800
Estimated Total Project Costs: \$1,058,590 - \$1,513,957

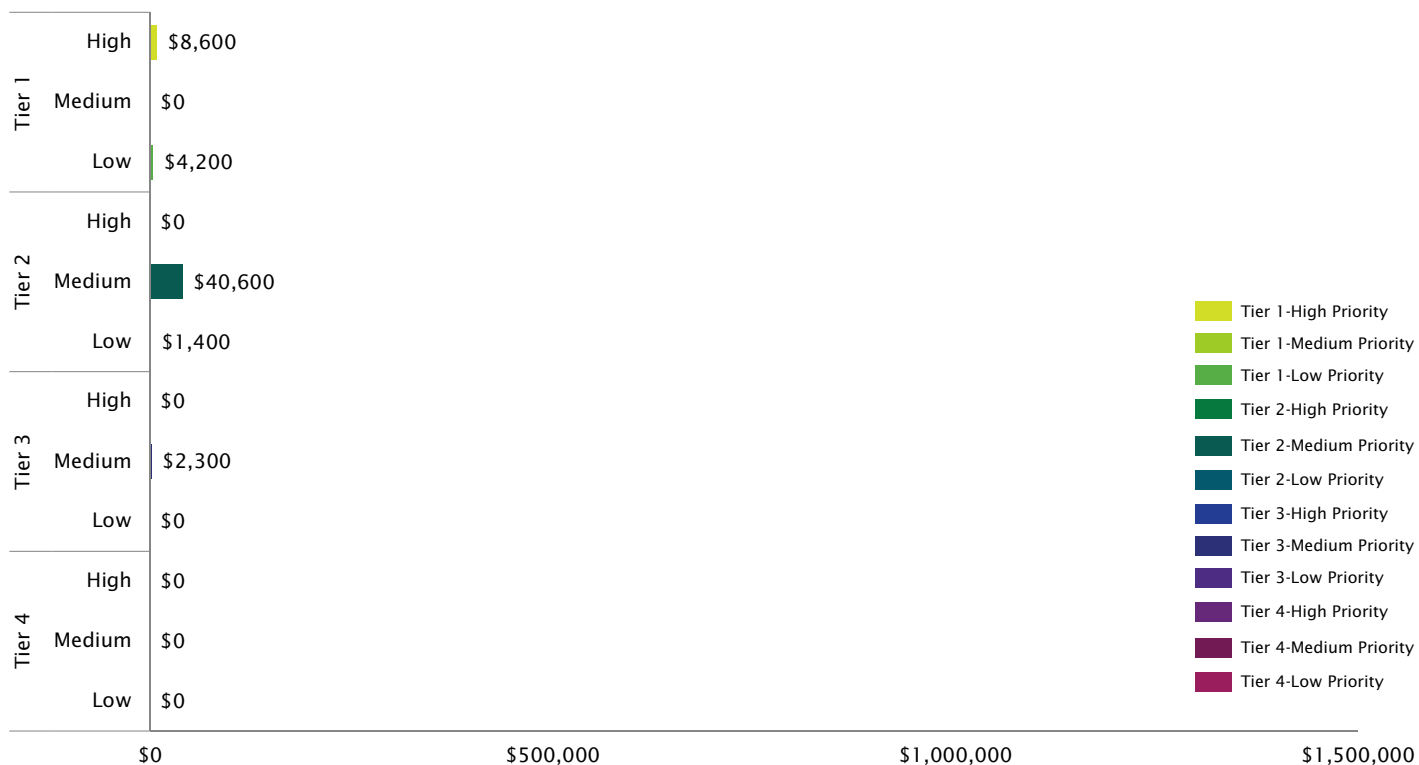
Following is the list of currently unfunded facility projects at Shea Stadium

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Air Distribution Systems. Air handlers. ductwork. VAV's. Needs-Replace vent piping due to condensation	\$3,400	\$400-\$1500	\$170-\$731
	High	Hot Water Service. Water Heater. Needs-Replace vent pipe on north unit	\$3,400	\$400-\$1500	\$170-\$731
Tier 2	High	Exterior Wall Construction. CMU and Brick. Needs-Reseal and repair block walls, severe cracks due to movement multiple locations	\$9,400	\$1000-\$4100	\$470-\$2021
	High	Miscellaneous Structures. Bleachers. Needs-Replace bleachers with stronger seating	\$295,300	\$29600-\$127000	\$14765-\$63489
	High	Paint Exterior. Needs-Paint all red iron and trim	\$17,900	\$1800-\$7700	\$895-\$3848
	High	Paint Exterior. Needs-Paint red steel and handrails	\$28,200	\$2900-\$12200	\$1410-\$6063
	High	Special Foundations. Needs-Repair foundation on bleacher walls where handrail post inserts have caused severe damage to block and concrete from moisture penetration thaw and freeze.	\$40,400	\$4100-\$17400	\$2020-\$8686
	High	Curbs, Rails and Barriers. Needs-Repair curbs at parking lot	\$19,700	\$2000-\$8500	\$985-\$4235
	High	Exterior Windows. Needs-Replace press box windows	\$18,800	\$1900-\$8100	\$940-\$4042
	High	Fixed Casework. Needs-Replace press box countertops	\$5,700	\$600-\$2500	\$285-\$1225
	High	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$29,600	\$3000-\$12800	\$1480-\$6364
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$196,800	\$19700-\$84700	\$9840-\$42312
	Medium	Paint Exterior. Needs-Paint bleacher flooring, paint all metal	\$7,500	\$800-\$3300	\$375-\$1612
Tier 3	High	Suspended Ceilings. Needs-Replace ceiling tiles in storage areas due to water leaks	\$500	\$100-\$300	\$25-\$107
	High	Upper Floor. Needs-Repairs needed on bleacher section, water leaks creating damage underneath	\$9,400	\$1000-\$4100	\$470-\$2021
	Medium	Fences and Gates. Needs-Repair/replace fencing around site and bleacher areas	\$196,800	\$19700-\$84700	\$9840-\$42312
	Medium	Retaining Walls. Needs-Repair work on retaining walls	\$34,600	\$3500-\$14900	\$1730-\$7439
	Medium	Paint Interior. Needs-Paint storage room due to water damage	\$2,400	\$300-\$1100	\$120-\$516

Estimated Total Construction Costs (in 2017 Dollars): \$919,800
 Estimated Project Management Costs Range: \$92,800 - \$396,400
 Estimated Inflation Range: \$45,990 - \$197,757

Estimated Total Project Costs: \$1,058,590 - \$1,513,957

Student Support Center-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$57,100
Estimated Total Project Costs: \$66,255 - \$94,677

Following is the list of currently unfunded facility projects at the Student Support Center

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Roof Finishes. Needs-Replace roof. Asphalt shingle	\$6,000	\$600-\$2600	\$300-\$1290
	High	Hot Water Distribution. Needs-Replace water baseboard heaters.	\$2,600	\$300-\$1200	\$130-\$559
	Low	Air Distribution Systems. Needs-Improve ventilation in conference room	\$4,200	\$500-\$1900	\$210-\$903
Tier 2	Medium	Carpeting. Needs-Replace carpet	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Flooring Restrooms. Needs-Replace VCT in 2 bathrooms	\$900	\$100-\$400	\$45-\$193
	Medium	Miscellaneous Structures. Needs-Replace wooden decks front and rear. Rear deck non-code compliant	\$17,000	\$1700-\$7400	\$850-\$3655
	Medium	Paint Exterior. Needs-Paint exterior	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Sinks. Needs-Replace sinks	\$900	\$100-\$400	\$45-\$193
	Medium	Windows. Needs-Replace windows (10)	\$6,900	\$700-\$3000	\$345-\$1483
	Medium	Paving & Surfacing. Needs-Resurface parking area	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Interior Construction. Needs-Enlarge restroom on main floor	\$4,200	\$500-\$1900	\$210-\$903
	Low	Water Closets. Needs-Replace toilets (2)	\$1,400	\$200-\$700	\$70-\$301
Tier 3	Medium	Paint Interior. Needs-Paint interior. Repair drywall as necessary	\$2,300	\$300-\$1000	\$115-\$494

Estimated Total Construction Costs (in 2017 Dollars): \$57,100

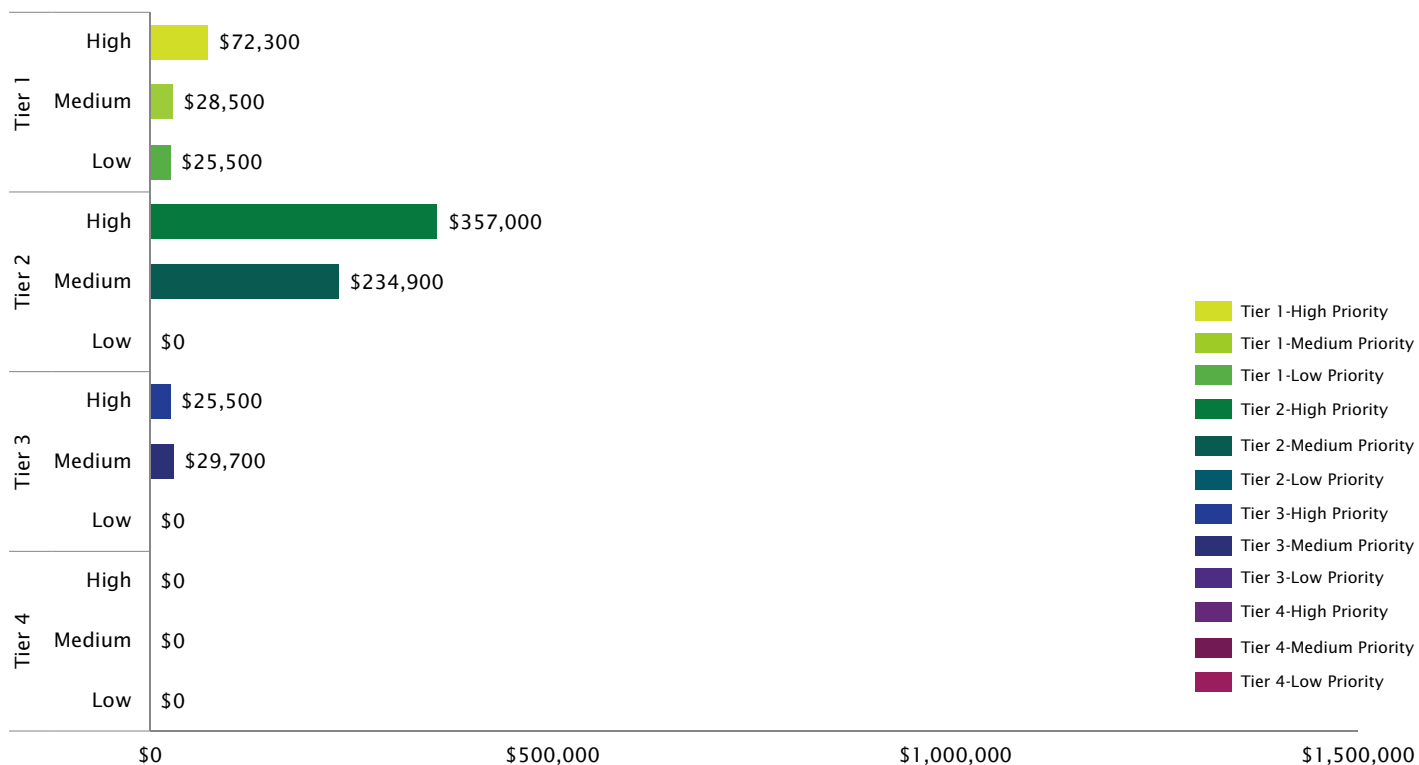
Estimated Project Management Costs Range: \$6,300 - \$25,300

Estimated Inflation Range: \$2,855 - \$12,277

Estimated Total Project Costs: \$66,255 - \$94,677

2808 North Highway 85, Building B
Castle Rock, CO 80109
DCSD Transportation Terminal

West Transportation Terminal-Identified Facility Projects
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$773,400
Estimated Total Project Costs: \$890,270 - \$1,273,081

Following is the list of currently unfunded facility projects at the West Transportation Terminal

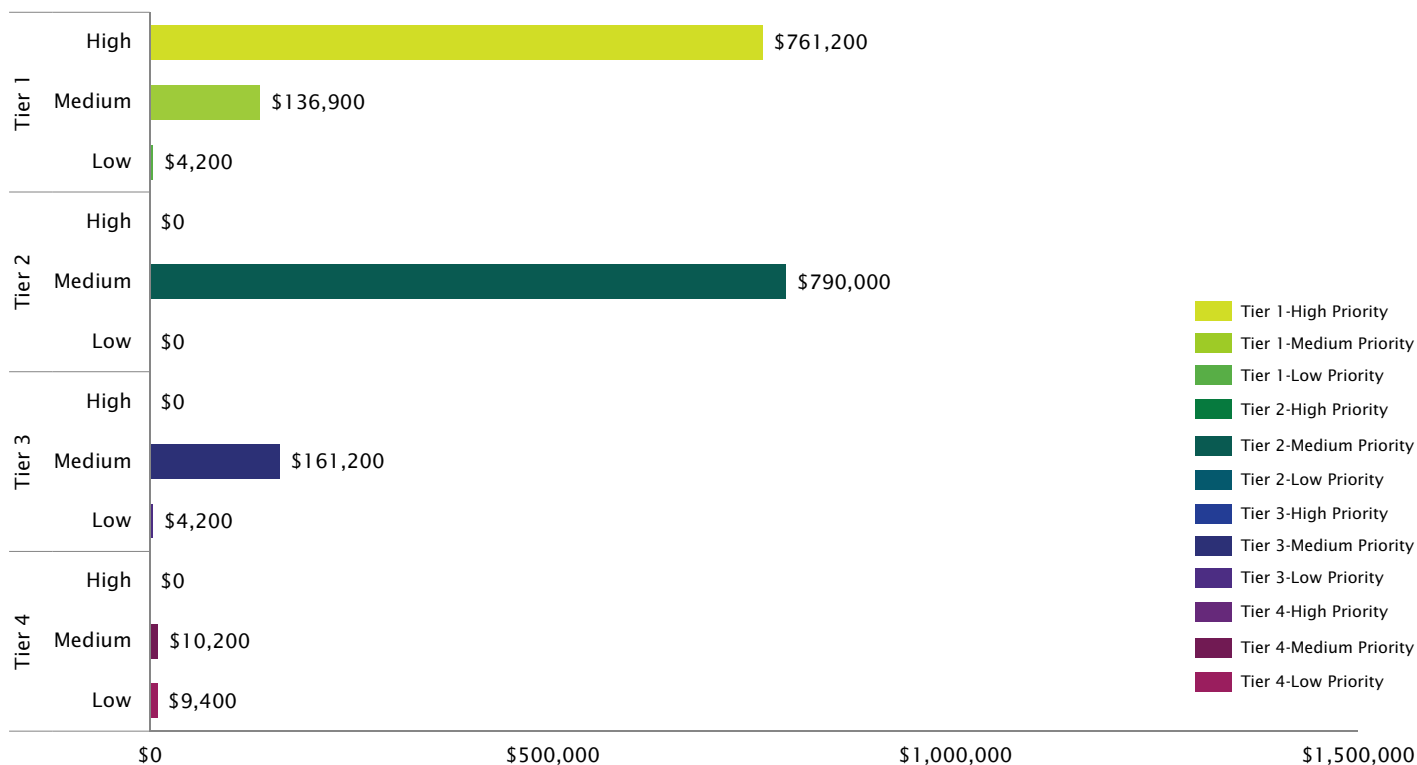
Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Panels and Transformers. Needs-Replace panels inside and at bus parking	\$8,500	\$900-\$3700	\$425-\$1827
	High	Switchgear-Main. Needs-Replace electrical service with new switchgear	\$63,800	\$6400-\$27500	\$3190-\$13717
	Medium	Branch Wiring Devices. Needs-Replace outlets and wiring for bus outlets	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Interior Door Hardware. Needs-Replace door hardware	\$20,000	\$2000-\$8600	\$1000-\$4300
	Low	Glazed Roof Openings. Needs-Add sola tubes for daylighting	\$25,500	\$2600-\$11000	\$1275-\$5482
Tier 2	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$357,000	\$35700-\$153600	\$17850-\$76755
	Medium	Fabricated Toilet Partitions. Needs-Replace toilet partitions in both restrooms	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Flooring Restroom. Needs-Replace ceramic tile with seamless acrylic	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Interior Doors. Needs-Replace interior doors in admin area	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Lavatories. Needs-Replace faucets in mens restroom	\$900	\$100-\$400	\$45-\$193
	Medium	Overhead Doors. Needs-Replace garage doors, add windows for daylighting	\$42,500	\$4300-\$18300	\$2125-\$9137
	Medium	Sink Countertops. Needs-Replace countertop in men's restroom	\$1,400	\$200-\$700	\$70-\$301
	Medium	Sinks. Needs-Replace sinks in mens restroom	\$900	\$100-\$400	\$45-\$193
	Medium	Stair, Tread and Landing Finishes. Needs-Replace railing of storage area above electrical room. Not code compliant	\$4,100	\$500-\$1800	\$205-\$881
	Medium	Paving and Surfacing. Parking Lot. Needs-Pave areas of asphalt for excess parking	\$170,100	\$17100-\$73200	\$8505-\$36571
Tier 3	High	Structural Slab on Grade. Needs-Apply coating to garage floor	\$25,500	\$2600-\$11000	\$1275-\$5482
	Medium	Interior Door Frames. Needs-Replace door jambs in admin area	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Site Lighting Poles. Needs-Add site lighting to parking area	\$25,500	\$2600-\$11000	\$1275-\$5482

Estimated Total Construction Costs (in 2017 Dollars): \$773,400
 Estimated Project Management Costs Range: \$78,200 - \$333,400
 Estimated Inflation Range: \$38,670 - \$166,281

Estimated Total Project Costs: \$890,270 - \$1,273,081

8236 Carter Court
Littleton, CO 80125
DCSD Transportation Terminal

North Transportation Terminal-Identified Facility Projects
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,877,300
Estimated Total Project Costs: \$2,160,865 - \$3,090,620

Following is the list of currently unfunded facility projects at the North Transportation Terminal

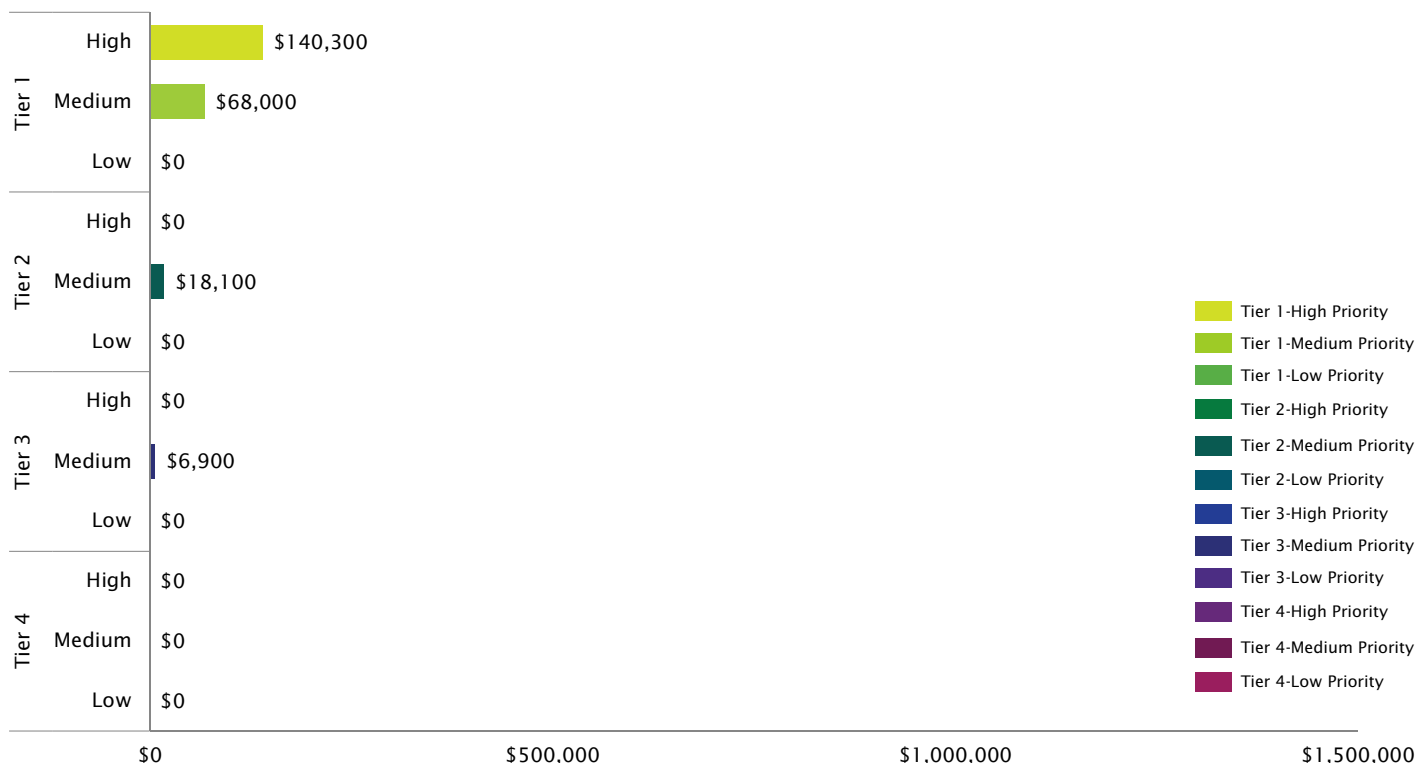
Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Replace fire alarm system	\$28,400	\$2900-\$12300	\$1420-\$6106
	High	Boilers. Needs-Install new boiler if current heating system is used (HVAC option 1)	\$25,500	\$2600-\$11000	\$1275-\$5482
	High	Boilers. Needs-Remove boiler and hot water heating system (HVAC option 2)	\$4,200	\$500-\$1900	\$210-\$903
	High	Controls. Needs-Upgrade DDC system	\$140,300	\$14100-\$60400	\$7015-\$30164
	High	Direct Expansion Systems. Needs-Replace RTU's 5 total. Add split system for MDF closet (HVAC option 1)	\$233,800	\$23400-\$100600	\$11690-\$50267
	High	Direct Expansion Systems. Needs-Replace RTU's with gas fired for heating. Add gas lines for all units, Add split system for MDF closet (HVAC option 2)	\$297,600	\$29800-\$128000	\$14880-\$63984
	High	Fuel Distribution. Needs- Replace natural gas service	\$17,000	\$1700-\$7400	\$850-\$3655
	High	Hot Water Distribution. Needs-Replace radiators. Replace fin tube heaters in lounge and in restroom off gym (option 1).	\$4,200	\$500-\$1900	\$210-\$903
	High	Panels and Transformers. Needs-Replace two panels in main electrical room and one in SW addition	\$10,200	\$1100-\$4400	\$510-\$2193
	Tier 1	Medium	Boiler Room Piping and Specialties. Needs-Replace piping at boiler room (HVAC option 1)	\$12,700	\$1300-\$5500
Medium		Exhaust Ventilation Systems. Needs-Replace exhaust fans as necessary	\$4,200	\$500-\$1900	\$210-\$903
Medium		Hot Water Service. Water Heater. Needs-In lieu of boiler replacement and HVAC RTU replacement upgrade, install water heaters for domestic service (HVAC option 2)	\$12,700	\$1300-\$5500	\$635-\$2730
Medium		Interior Door Hardware. Needs-Replace door hardware	\$81,000	\$8100-\$34900	\$4050-\$17415
Medium		Roof Drains. Needs-Check roof drains for proper functionality	\$900	\$100-\$400	\$45-\$193
Medium		Roof Eaves and Soffitts. Needs-Replace fascia board where necessary	\$4,200	\$500-\$1900	\$210-\$903
Medium		Lighting Equipment. Needs-Replace plastic lense diffusers on 2x4 fixtures. Replace wrap around difussers on a few fixtures	\$4,200	\$500-\$1900	\$210-\$903
Medium		Site Electrical Distribution. Needs-Install electrical power for bus heaters. Repair current service at east parking lot	\$17,000	\$1700-\$7400	\$850-\$3655
Low		Retention Ponds. Needs-Rework water entry to south pond, clean pond	\$4,200	\$500-\$1900	\$210-\$903
Tier 2		Medium	Exterior Wall Construction. Needs-Repair/repoint CMU and brick as necessary	\$8,500	\$900-\$3700
	Medium	Exterior Windows. Needs-Replace exterior windows	\$42,500	\$4300-\$18300	\$2125-\$9137
	Medium	Fixed Casework. Needs-Replace/refinish casework as necessary	\$25,500	\$2600-\$11000	\$1275-\$5482
	Medium	Interior Doors. Needs-Replace interior doors	\$18,800	\$1900-\$8100	\$940-\$4042
	Medium	Paint Exterior. Needs-Paint exterior	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Paint Exterior. Needs-Paint exterior of garage	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Pipe and Fittings. Needs-Piping and fittings need to be checked for replacement	\$900	\$100-\$400	\$45-\$193
	Medium	Solid Exterior Doors. Needs-Replace exterior doors and jambs	\$17,900	\$1800-\$7700	\$895-\$3848
	Medium	Flooring Gym. Needs-Install carpet over gym tile, no abatement (option 2)	\$12,700	\$1300-\$5500	\$635-\$2730
	Medium	Flooring Gym. Needs-Replace VCT in gym (abatement)(option1)	\$42,500	\$4300-\$18300	\$2125-\$9137
Medium	Paving and Surfacing. Parking Lot. Needs-Resurface parking lot, front of building and south bus parking area	\$255,100	\$25600-\$109700	\$12755-\$54846	

Not all capital needs for North Terminal shown. For a complete listing of the North Terminal's capital needs see Appendix 2

Estimated Total Construction Costs (in 2017 Dollars): \$1,877,300
 Estimated Project Management Costs Range: \$189,700 - \$809,700
 Estimated Inflation Range: \$93,865 - \$403,620

Estimated Total Project Costs: \$2,160,865 - \$3,090,620

Warehouse Service Center-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$233,300
Estimated Total Project Costs: \$268,765 - \$384,460

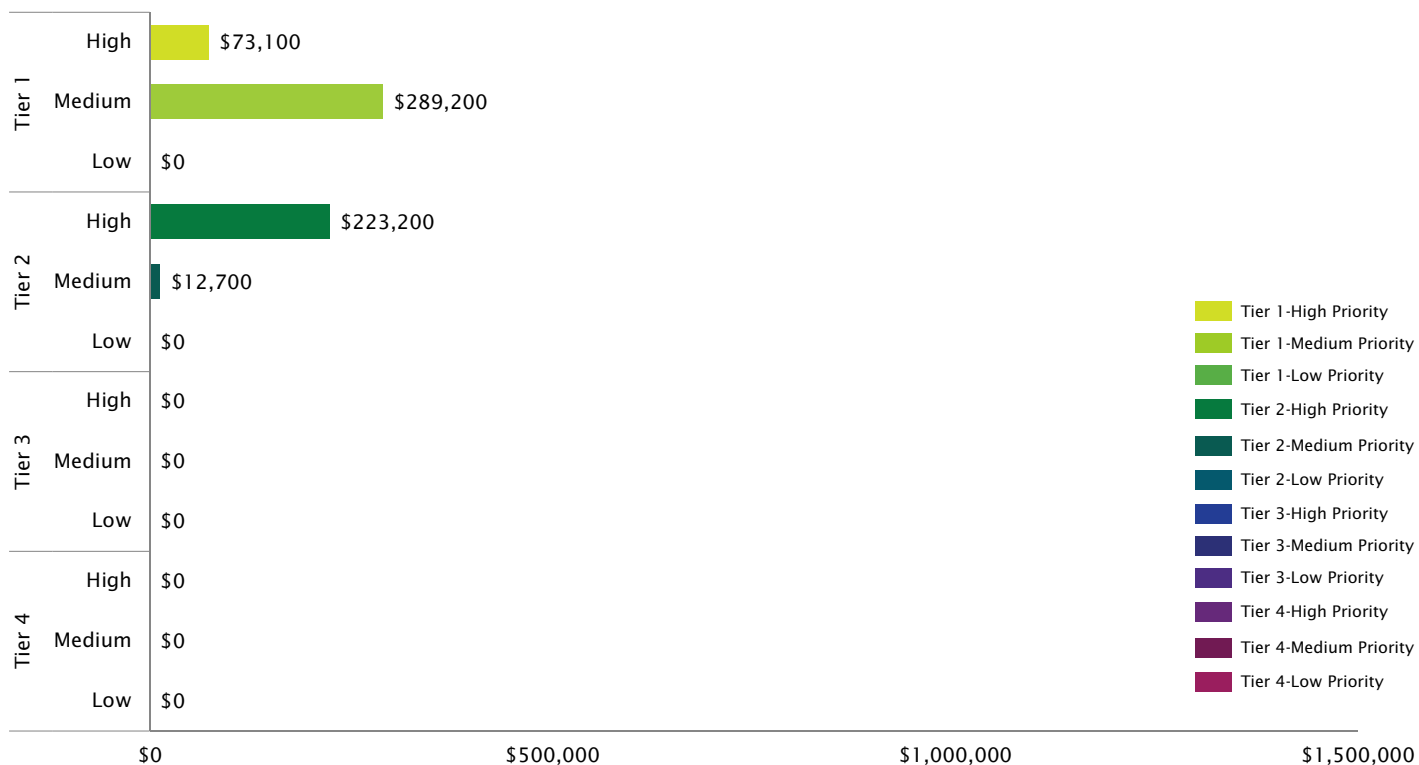
Following is the list of currently unfunded facility projects at the Warehouse-Service Center

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
	High	Controls. Needs-Replace current control system with Delta	\$140,300	\$14100-\$60400	\$7015-\$30164
Tier 1	Medium	Roof Finishes. Needs-Apply roof coating to metal roof of warehouse	\$17,000	\$1700-\$7400	\$850-\$3655
	Medium	Terminal Self-Contained Units. Needs-Replace outdoor AC unit closest to rear entry door	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Terminal Self-Contained Units. Needs-Replace split system for print room	\$29,800	\$3000-\$12900	\$1490-\$6407
	Medium	Terminal Self-Contained Units. Needs-Replace Whirlpool unit for warehouse offices	\$17,000	\$1700-\$7400	\$850-\$3655
Tier 2	Medium	Exterior Wall Construction. Needs-Reseal CMU on Bld E	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Flooring Restroom. Needs-Replace VCT in restrooms by copier	\$900	\$100-\$400	\$45-\$193
	Medium	Paint Exterior. Needs-Paint exterior	\$10,200	\$1100-\$4400	\$510-\$2193
	Medium	Flooring Hallways/Classrooms. Needs-Replace VCT in hallway by breakroom	\$500	\$100-\$300	\$25-\$107
	Medium	Flooring Kitchen. Needs-Replace VCT in breakroom	\$2,300	\$300-\$1000	\$115-\$494
Tier 3	Medium	Paint Interior. Needs-Paint interior of Bld E and warehouse office areas	\$6,900	\$700-\$3000	\$345-\$1483

Estimated Total Construction Costs (in 2017 Dollars): \$233,300
 Estimated Project Management Costs Range: \$23,800 - \$101,000
 Estimated Inflation Range: \$11,665 - \$50,160

Estimated Total Project Costs: \$268,765 - \$384,460

West Support Center-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$598,200
Estimated Total Project Costs: \$688,410 - \$984,413

Following is the list of currently unfunded facility projects at the West Support Center

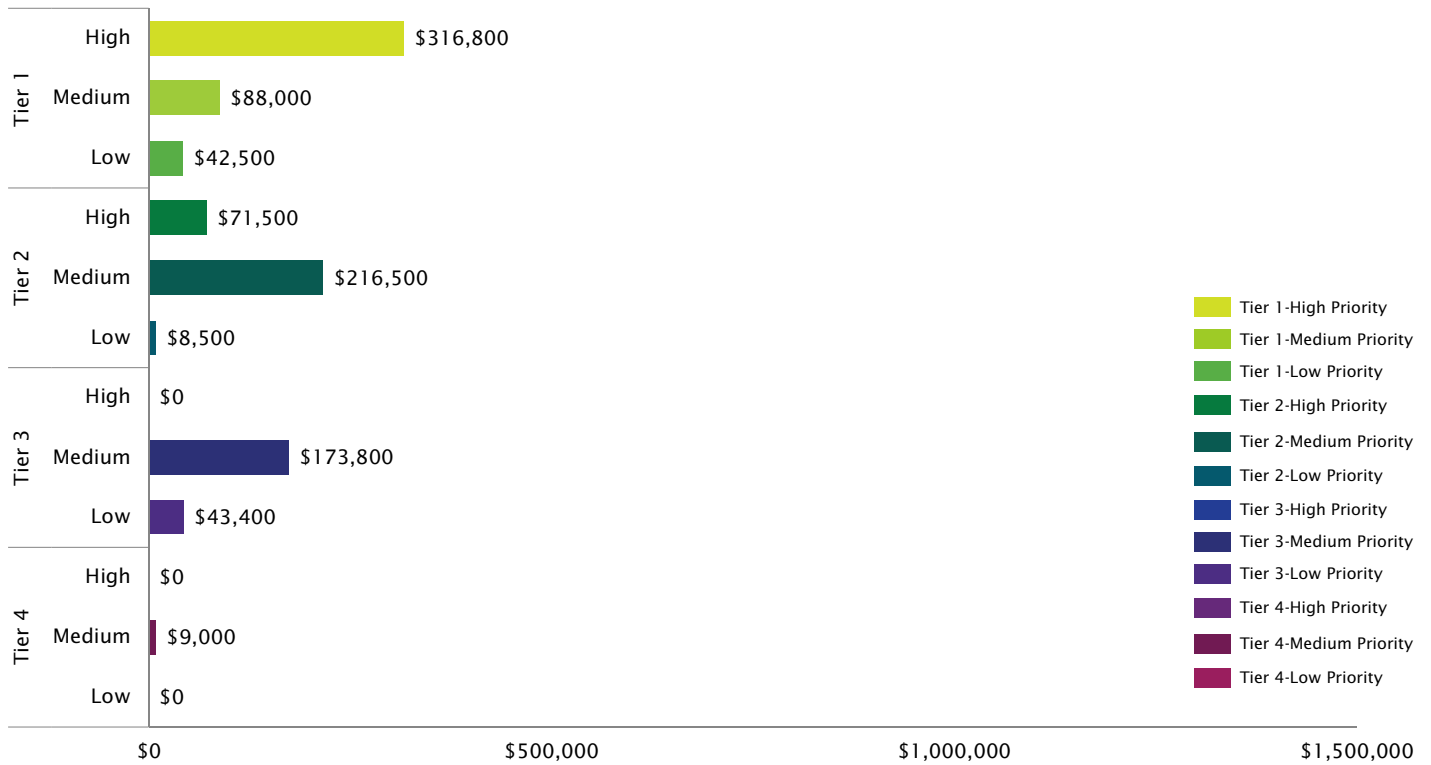
Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Direct Expansion Systems. Needs-Replace RTU 4	\$57,800	\$5800-\$24900	\$2890-\$12427
	High	Glazed Roof Openings. Needs-Replace fiberglass translucent panels	\$15,300	\$1600-\$6600	\$765-\$3289
	Medium	Roof Finishes. Needs-Apply roof coating to metal roof to extend life	\$201,500	\$20200-\$86700	\$10075-\$43322
	Medium	Flashings & Trim. Needs-Replace roof cap	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Piping. Needs-Improve storm water drainage by adding more underground piping	\$85,100	\$8600-\$36600	\$4255-\$18296
Tier 2	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$223,200	\$22400-\$96000	\$11160-\$47988
	Medium	Overhead Doors. Needs-Replace or insulate original garage doors east side warehouse	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Exterior Wall Construction. Needs-Improve insulation on warehouse walls	\$8,500	\$900-\$3700	\$425-\$1827

Estimated Total Construction Costs (in 2017 Dollars): \$598,200
 Estimated Project Management Costs Range: \$60,300 - \$257,600
 Estimated Inflation Range: \$29,910 - \$128,613

Estimated Total Project Costs: \$688,410 - \$984,413



Wilcox Building-Identified Facility Projects
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$970,000
Estimated Total Project Costs: \$1,117,000 - \$1,596,850

Following is the list of currently unfunded facility projects at the DCSD Wilcox Building

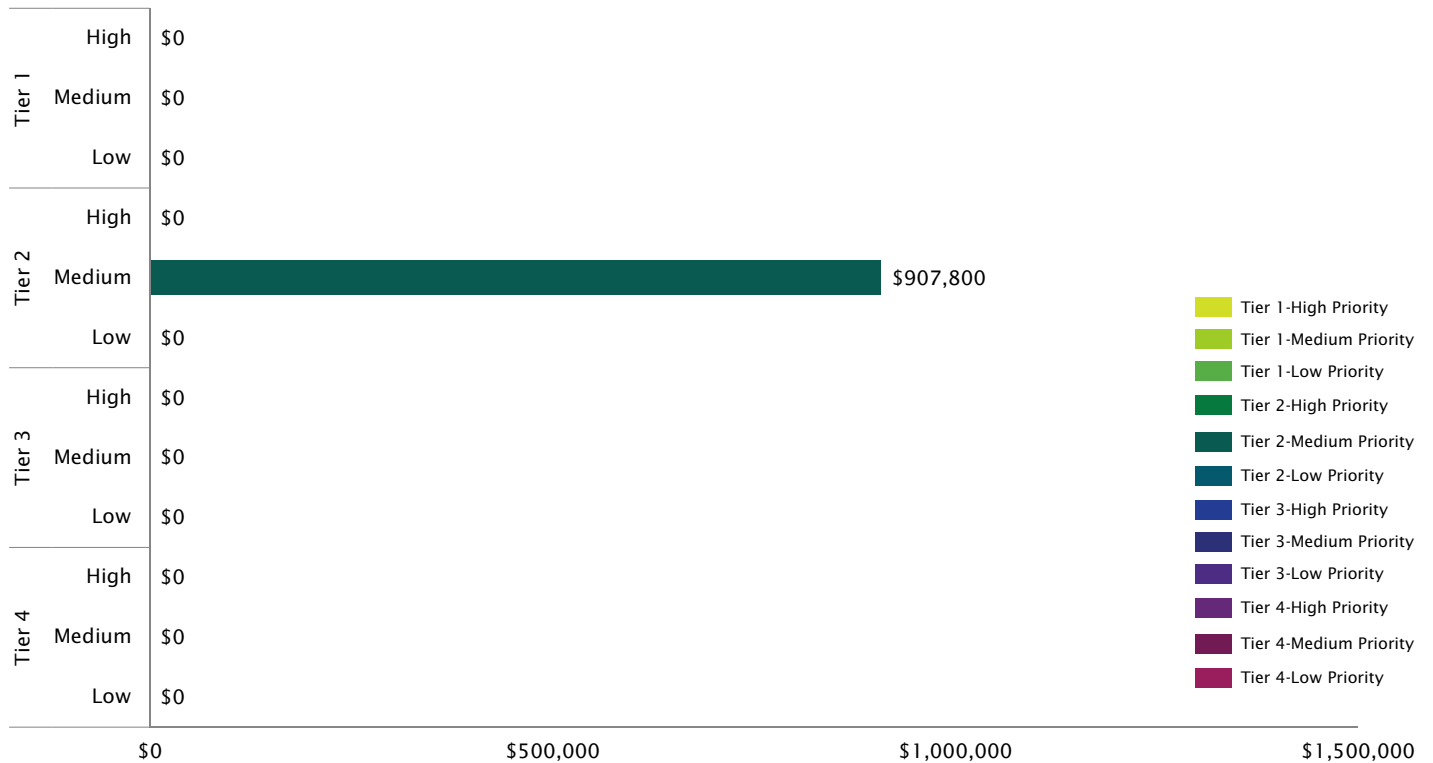
Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	High	Fire Alarm Systems. Needs-Upgrade fire alarm system	\$170,100	\$17100-\$73200	\$8505-\$36571
	High	Flooring Carpet. Needs-Replace entry carpets	\$10,300	\$1100-\$4500	\$515-\$2214
	High	Hot Water Distribution. Needs-Ceiling unit heater at front entrance needs reset into drywall	\$300	\$100-\$200	\$15-\$64
	High	Panels and Transformers. Needs-Replace panels and transformers	\$25,500	\$2600-\$11000	\$1275-\$5482
	High	Passenger Elevators. Needs-Overhaul elevators	\$85,100	\$8600-\$36600	\$4255-\$18296
	High	Switchgear-Main. Needs-Replace main switchgear	\$25,500	\$2600-\$11000	\$1275-\$5482
	Medium	Interior Door hardware. Needs-Replace current non-restricted key system with restricted.	\$32,400	\$3300-\$14000	\$1620-\$6966
	Medium	Roof Finishes. Needs-Re-coat roof at main section	\$51,000	\$5100-\$22000	\$2550-\$10965
	Medium	Flashings and Trim. Needs-Paint roof flashings	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Gutters and Downspouts. Needs-Paint gutters and downspouts	\$2,300	\$300-\$1000	\$115-\$494
	Low	Intercommunication & Paging System. Needs-Install new intercom system for building	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
Tier 2	Medium	Exterior Windows. Needs-Re-finish anodized aluminum frames. Replace 2 windows in Nona's office and 1 in board room, 3rd fl, pellet holes.	\$6,400	\$700-\$2800	\$320-\$1376
	Medium	Flooring Carpet. Needs-Replace carpet	\$127,600	\$12800-\$54900	\$6380-\$27434
	Medium	Curbs, Rails and Barriers. Needs-Repair/replace sections of curb, repair and paint railing at back entry	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Flooring Kitchen. Needs-Replace sheet vinyl 3rd fl break rm.	\$1,700	\$200-\$800	\$85-\$365
	Medium	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$68,100	\$6900-\$29300	\$3405-\$14641
	Low	Ceiling Finishes. Needs-Restain wood ceiling 2nd fl north (old gym)	\$8,500	\$900-\$3700	\$425-\$1827
Tier 3	Medium	Wall Foundations. Needs-Recoat foundation walls on east side	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Blinds and Other Window Treatment. Needs-Re-attach blinds to wall in Board Rm	\$500	\$100-\$300	\$25-\$107
	Medium	Suspended Ceilings. Needs-Fix sagging ceiling grid lower level at mech rm entrance hallway.	\$900	\$100-\$400	\$45-\$193
	Medium	Fire Sprinkler Water Supply. Needs-Install sprinkler system for entire building	\$170,100	\$17100-\$73200	\$8505-\$36571
	Low	Paint Interior. Needs-Paint interior, metal beams and ductwork 2nd fl north	\$42,500	\$4300-\$18300	\$2125-\$9137
Tier 4	Low	Miscellaneous Structures. Needs-Clean brick and stone entry barriers	\$900	\$100-\$400	\$45-\$193
	Medium	Seeding and Sodding. Needs-Repair areas of lawn	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Site Lighting Poles. Needs-Paint lighting poles	\$500	\$100-\$300	\$25-\$107

Estimated Total Construction Costs (in 2017 Dollars): \$970,000
 Estimated Project Management Costs Range: \$98,500 - \$418,300
 Estimated Inflation Range: \$48,500 - \$208,550

Estimated Total Project Costs: \$1,117,000 - \$1,596,850

Athletics-Identified Items

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$907,800
Estimated Total Project Costs: \$1,043,990 - \$1,375,377

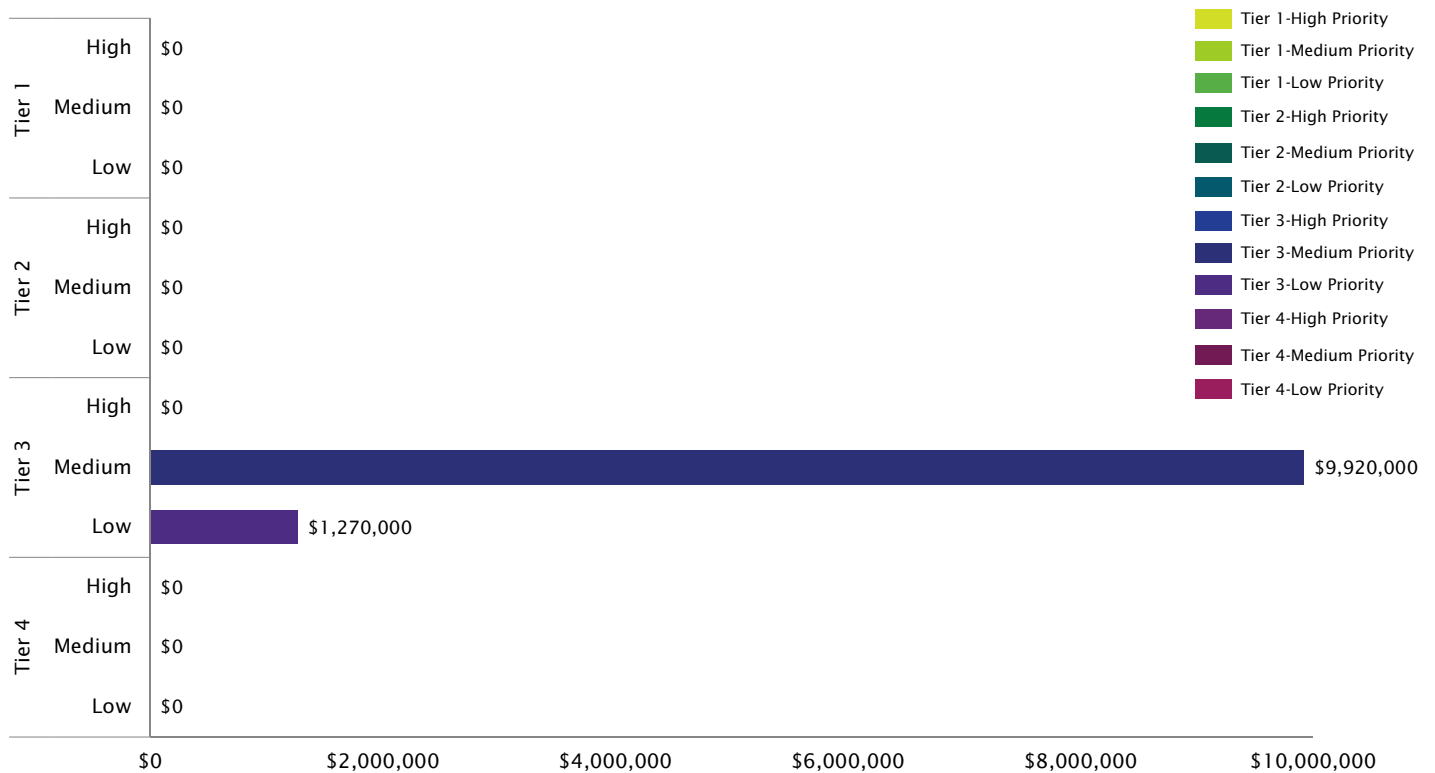
Following is the list of currently unfunded DCSD Athletics projects

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 2	Medium	Mountain Vista High School Playing Fields. Football Field. Needs-Replace synthetic turf field	\$385,600	\$38600-\$139500	\$19280-\$82904
	Medium	Legend High School Playing Fields. Tennis Court. Needs-Resurface with asphalt resurfacer and fill cracks	\$68,300	\$6800-\$3300	\$3415-\$14684
	Medium	Rock Canyon High School Playing Fields. Tennis Court. Needs-Resurface with asphalt resurfacer and fill cracks	\$68,300	\$6800-\$3300	\$3415-\$14684
	Medium	Legend High School Playing Fields. Football Field. Needs-Replace synthetic turf field	\$385,600	\$38600-\$139500	\$19280-\$82904

Estimated Total Construction Costs (in 2017 Dollars): \$907,800
 Estimated Project Management Costs Range: \$90,800 - \$272,400
 Estimated Inflation Range: \$45,390 - \$195,177

Estimated Total Project Costs: \$1,043,990 - \$1,375,377

Furniture, Fixtures, and Equipment-Identified Items
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$11,190,000
Estimated Total Project Costs: \$12,868,500 - \$16,952,850

Following is the list of currently unfunded movable furniture, fixtures and equipment

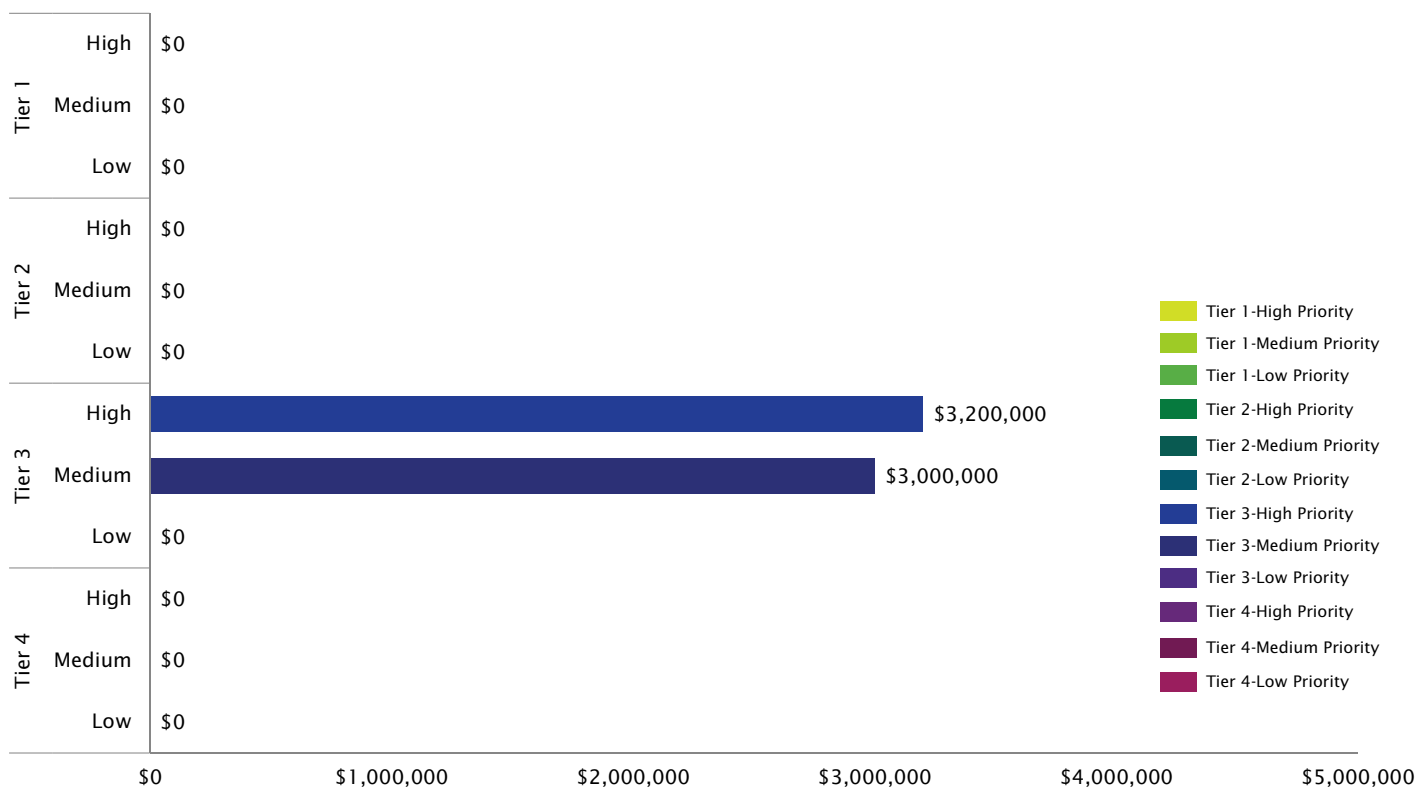
Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 3	Medium	Acres Green Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Arrowwood Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Bear Canyon Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Buffalo Ridge Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Castle Rock Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Castle Rock Middle School. Replace classroom furniture	\$300,000	\$30000-\$99000	\$15000-\$34500
	Medium	Chaparral High School. Replace classroom furniture	\$400,000	\$40000-\$132000	\$20000-\$46000
	Medium	Cherokee Trail Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Cherry Valley Elementary. Replace classroom furniture	\$30,000	\$3000-\$9900	\$1500-\$3450
	Medium	Cougar Run Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Coyote Creek Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Cresthill Middle School. Replace classroom furniture	\$300,000	\$30000-\$99000	\$15000-\$34500
	Medium	Douglas County High School. Replace classroom furniture	\$400,000	\$40000-\$132000	\$20000-\$46000
	Medium	Douglas County HS South Bldg. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Eagle Ridge Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Eldorado Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Fox Creek Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Franktown Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Frontier Valley Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Heritage Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Highlands Ranch High School. Replace classroom furniture	\$400,000	\$40000-\$132000	\$20000-\$46000
	Medium	Iron Horse Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Mountain Vista High School. Replace classroom furniture	\$400,000	\$40000-\$132000	\$20000-\$46000
	Medium	Northeast Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Pine Grove Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Pine Lane North. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Pine Lane South. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Pioneer Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Ponderosa High School. Replace classroom furniture	\$400,000	\$40000-\$132000	\$20000-\$46000
	Medium	Prairie Crossing Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Ranch View Middle School. Replace classroom furniture	\$400,000	\$40000-\$132000	\$20000-\$46000
	Medium	Rock Ridge Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Roxborough Primary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Saddle Ranch Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Sagewood Middle School. Replace classroom furniture	\$300,000	\$30000-\$99000	\$15000-\$34500
	Medium	Sand Creek Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Sedalia Elementary. Replace classroom furniture	\$90,000	\$9000-\$29700	\$4500-\$10350
	Medium	Sierra Middle School. Replace classroom furniture	\$300,000	\$30000-\$99000	\$15000-\$34500
	Medium	South Ridge Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	ThunderRidge High School. Replace classroom furniture	\$400,000	\$40000-\$132000	\$20000-\$46000
	Medium	Trailblazer Elementary . Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
	Medium	Wildcat Mountain Elementary. Replace classroom furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
Low		Northridge Elementary. Replace classroom furniture.	\$70,000	\$7000-\$23100	\$3500-\$8050
Low		Flagstone Elementary. Replace furniture with 21st century learning furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
Low		Legacy Point Elementary. Replace furniture with 21st century learning furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
Low		Rocky Heights Middle School. Replace furniture with 21st century learning furniture	\$300,000	\$30000-\$99000	\$15000-\$34500
Low		Timber Trail Elementary. Replace furniture with 21st century learning furniture	\$200,000	\$20000-\$66000	\$10000-\$23000
Low		Mountain Ridge Middle School. Replace furniture with 21st century learning furniture	\$300,000	\$30000-\$99000	\$15000-\$34500

Estimated Total Construction Costs (in 2017 Dollars): \$11,190,000
 Estimated Project Management Costs Range: \$1,119,000 - \$3,357,000
 Estimated Inflation Range: \$559,500 - \$2,405,850

Estimated Total Project Costs: \$12,868,500 - \$16,952,850

District-wide Facilities-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$7,200,000
Estimated Total Project Costs: \$7,560,000 - \$8,748,000

**Note* Estimated total costs include ADA and Special Education contingency.
 Contingency needs are not prioritized and are not displayed by tier and priority*

Following is the list of currently unfunded projects for District-wide facility needs

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	
Tier 3	High	Bear Canyon E - Mobile 18-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Cherokee Trail E - Mobile 11-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Legend HS - Mobile 19-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Northridge E -Mobile 3-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Pine Lane North - Mobile 7-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Pine Lane South - Mobile 4-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Pine Lane South - Mobile 5-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Rocky Heights MS - Mobile 23-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Soaring Hawk E - Mobile 14-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Castle View HS - Mobile 20-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Frontier Valley E - Mobile 27-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Heritage E - Mobile 17-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Pioneer E - Mobile 1-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Rock Ridge E - Mobile 16-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Sand Creek E - Mobile 15-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	High	Sierra MS -Mobile 26-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
	Contingency	Medium	Eagle Ridge E - Mobile 32-Replace mobile	\$200,000	N/A	\$10,000-\$43,000
		Medium	Pioneer E - Mobile 12-Replace mobile	\$200,000	N/A	\$10,000-\$43,000
Medium		Rocky Heights MS - Mobile 13-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
Medium		South Ridge E - Mobile 24-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
Medium		South Ridge E - Mobile 28-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
Medium		Wildcat Mtn Elem - Mobile 22-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
Medium		Sand Creek E - Mobile 30-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
Medium		Summit View E - Mobile 31-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
Medium		Prarie Crossing E - Mobile 38-Replace mobile	\$200,000	N/A	\$10,000-\$43,000	
Contingency	Contingency for ADA compliance projects	\$500,000	N/A	\$25,000-\$107,500		
Contingency	Contingency for Special Education needs related projects	\$500,000	N/A	\$25,000-\$107,500		

Estimated Total Construction Costs (in 2017 Dollars): \$7,200,000

Estimated Project Management Cost Range: N/A

Estimated Inflation Range: \$360,000 - \$1,548,000

Estimated Total Project Costs: \$7,560,000 - \$8,748,000

The Safety and Security Department identifies and prioritizes their capital needs based on a variety of criteria. These criteria range from risk to safety, necessity in order to comply with Federal, State, or Local mandates, frequency of system failure, potential impact to current level of service, life expectancy, the potential to enhance systems, and process improvement strategies.

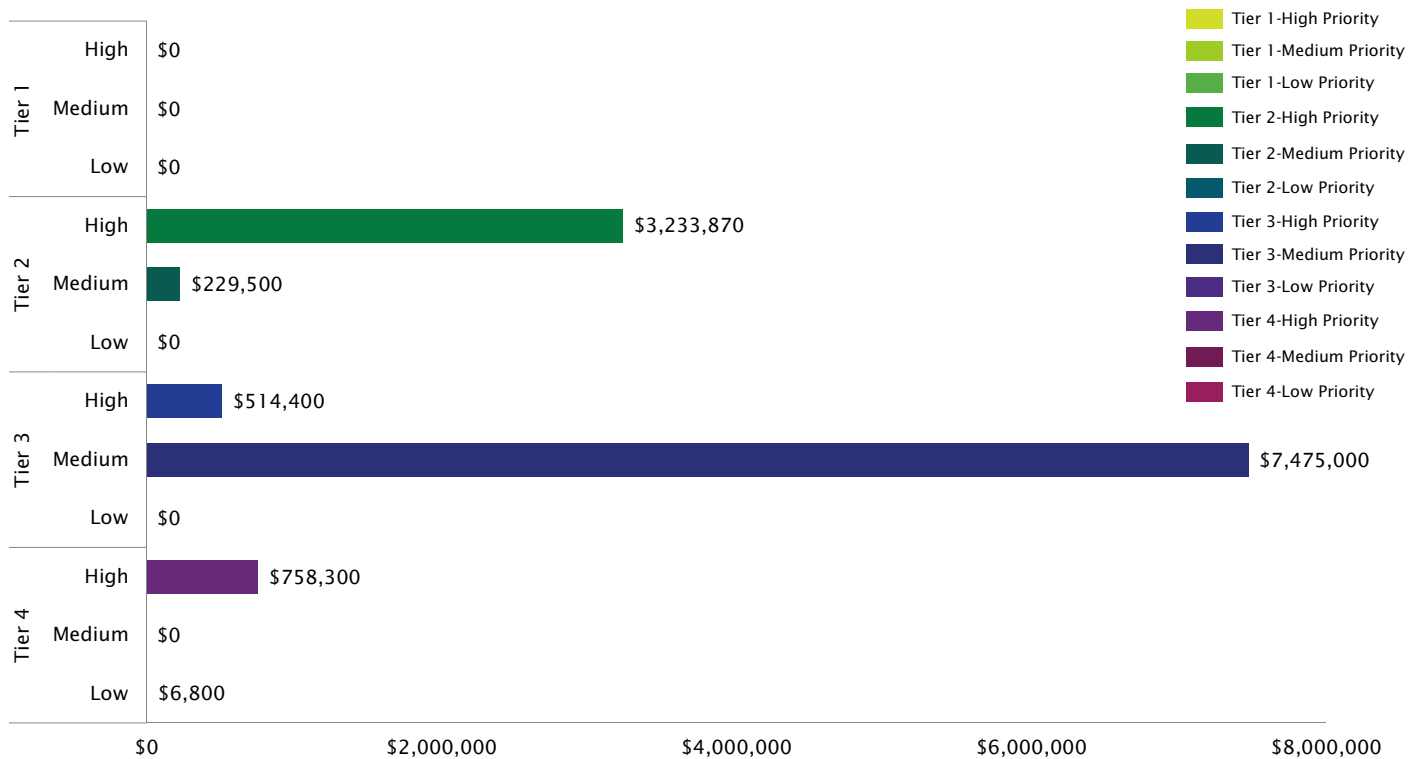
Facility Cameras:

Total costs are calculated using the minimal camera renewal option. This includes replacing the existing analog Digital Video Recorder with a Network Video Recorder, encoding analog cameras to IP, and replacing any failed cameras with IP cameras. Safety & Security has also estimated costs for a recommended camera renewal option and a preferred camera renewal option. The recommended camera renewal option would go beyond simple maintenance and would serve to provide new equipment that would last 10+ years. This would be achieved by replacing the analog Digital Video Recorder with a Network Video Recorder and replacing all analog cameras with IP cameras (one to one basis rather than waiting for analog cameras to fail). The preferred camera renewal option would provide longer lasting, higher quality equipment and would serve to increase coverage by installing additional cameras. This would be achieved by replacing the analog Digital Video Recorder with a Network Video Recorder, replacing all analog cameras with IP cameras, and providing additional IP cameras as needed. To see how estimated costs would differ by funding camera renewal to the recommended or preferred level see [Appendix 3](#).

Security Reinvestment Needs vs. Security Enhancements:

The following is a summary of security reinvestment needs and estimated costs. In addition to the security capital reinvestment needs noted above, physical security enhancements for schools are estimated to cost between an additional \$3.3M - \$3.7M (i.e. an approximate \$3M in construction costs and an estimated additional 10%-25% of this cost for potential regulatory fees, professional services, and contracting costs).

Safety & Security-Identified Items
 Estimated Capital Costs (in 2017 Dollars) by Tier and Priority



Estimated Total Capital Costs (in 2017 Dollars): \$12,217,870

Estimated Total Project Costs: \$12,625,079

Following is the list of identified Safety & Security needs and estimated costs over the next five years

Tier 1 Security Items:

Identified systems and components that fall in this category pose a high risk to the safety and security of individuals in Douglas County Schools or a mandate has been issued at the Federal/State/Local level and must be complied with. No vital security systems or components have been identified at this time.

Tier 2 Security Items:

Cameras: Replace obsolete Network Video Recorder servers with current technology and storage requirements suitable for an IP camera environment. Replace old, small camera monitors in Elementary schools with newer, larger monitors for picture clarity and increase in number of viewable streams.
Transportation Bus Cameras: Provide a standardized digital system on all buses. Infrastructure is needed at terminals to provide access to systems on buses and to automate downloading of events.
800 MHz Radios: Provide one radio per site for administration. Radio to be used to communicate directly with District Security and/or First Responders in the event of an emergency.

Tier 3 Security Items:

Incident Management Solution: Implement an Incident Management Solution and services that can be used from minor incidents to major incidents. Solution will provide immediate collaboration between key personnel, instant updates as the incident progresses, workflow automation, and logging of all activity for debriefs and open record requests. Needed capital includes core software, software design and implementation, hosting or local hardware, and communication interface.
School Radio Upgrade: Phased project over 5 years to install new communications infrastructure. Increase coverage and reliability of communication at each District school and provide emergency communication paths and identification to District Security.
Emergency Operations Center Equipment: Equipment needed to have a fully functioning Emergency Operations Center.
In-House Alarm Monitoring: Core infrastructure needed to move alarm monitoring in-house, including burglary and fire.
Access Control Upgrade: District-wide replacement of all access control systems and controlling software. New system will allow more cost effective upgrades and replacements

Tier 4 Security Items:

Badge Printer: Life cycle replacement of badge printers.
Security Doors: Addition of doors and/or drop down gates to secure areas of facilities to better protect assets and property.

Tier	Priority	Project Description	Estimated Cost 2017-2022
Tier 2	High	Facility Cameras	\$708,845
	High	Transportation Bus Cameras	\$2,932,234
	Medium	800MHz Radios	\$229,500
Tier 3	High	Incident Management Solution	\$200,000
	High	Server Rotation	\$179,400
	High	Emergency Operations Center Equipment	\$60,000
	High	In-House Alarm Monitoring	\$75,000
	Medium	School Radio Upgrade	\$5,975,000
	Medium	Access Control Upgrade	\$1,500,000
Tier 4	High	Security Doors	\$758,300
	Low	Badge Printer	\$6,800

Estimated Total Capital Costs (in 2017 Dollars): \$12,217,870

Estimated Project Management Cost Range: \$407,209

Estimated Inflation Range: \$0

Estimated Total Project Costs: \$12,625,079

The Douglas County School District's Transportation Fleet Department provides transportation for approximately 11,000 general education students, 1,000 special education students and over 7,000 field trip athletic or activity trips. The district has 3 bus terminals (Parker, Highlands Ranch, and Castle Rock), employs approximately 400 staff, and owns 354 buses. The Transportation Fleet Maintenance Department employs 5 ASE Master Mechanics and 15 mechanics that are Certified CDE Inspectors.

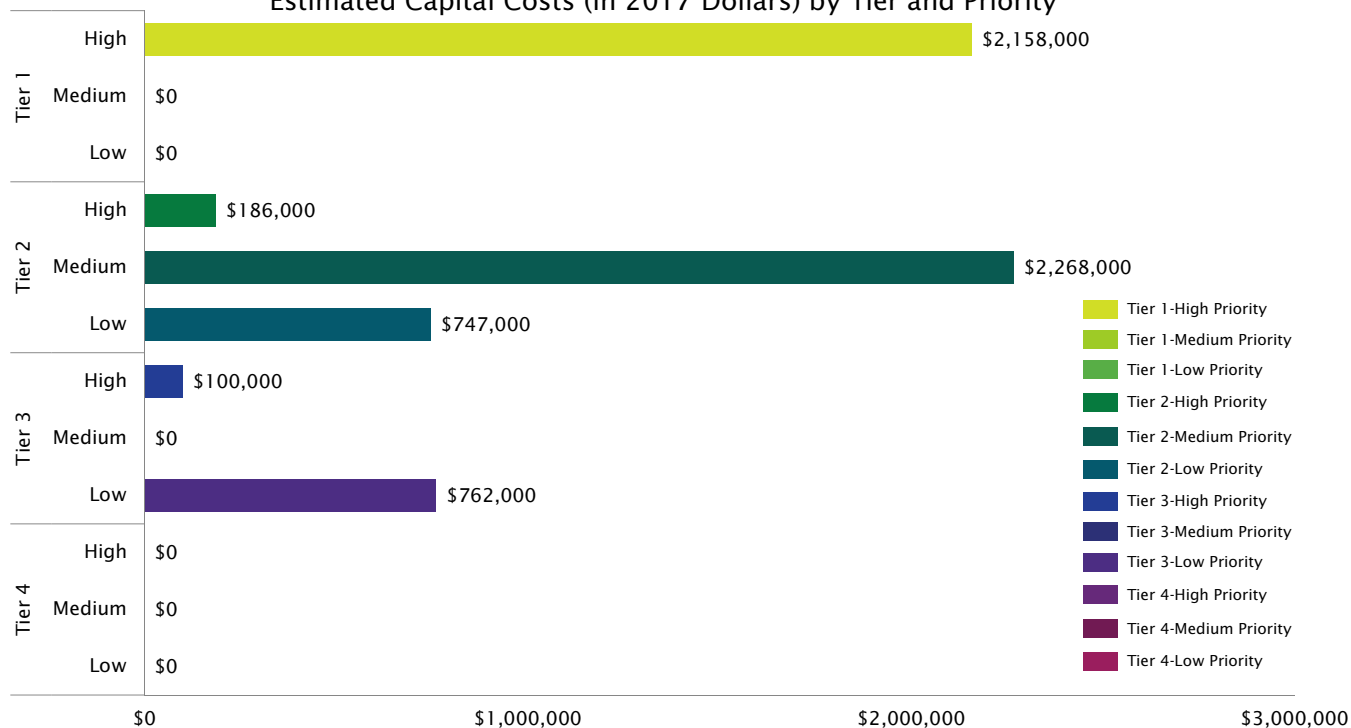
Currently, the district owns 236 general education buses, with an average age of 15 years and an average of 239,150 miles; 94 special education buses with an average age of 8 years and 256,970 average miles; and 24 field trip buses with an average age of 11 years and 201,400 miles. By industry standards the average lifespan of a bus is 15 years or 250,000 miles. When no longer safe to transport students or cost prohibitive to repair, buses are sent to auction. To align with growth or replacement need, new buses are purchased from the general fund budget, and are projected to have a lifespan of 30 years versus the 15 years for current fleet.

The Transportation department identifies and prioritizes capital needs in two ways. First, assets that present a significant safety concern are identified. This means that the continued operation of the asset places personnel safety, or the safety of others, in jeopardy. Assets identified in this operating condition may have components or entire structures that will not pass safety inspections. These would be assets that need to be replaced within a year. Second, assets in a mechanical condition requiring ongoing repairs that exceed current value are identified. If these vehicles can no longer be repaired, upgraded, or maintained, they are listed as needing replacement over the next five years.

Tier I needs are based primarily on a projected growth of 20% in special education transportation in the next school year. With only 94 special education buses, there are no available spare buses or buses for growth. New buses could be used to transport both general education and special education students.

Only fleet related capital items are identified and discussed on this page. Capital needs at the three bus terminals are considered facility needs and are assessed, inventoried, and prioritized as part of the facility assessment and Capital Improvement Plan process discussed on pages 10-15. The need for new terminals is assessed and priced as part of the District's review of new construction needs. These Transportation related capital needs are discussed in the New Construction section on pages 16-20.

Transportation-Identified Items Estimated Capital Costs (in 2017 Dollars) by Tier and Priority



Estimated Total Project Costs: \$6,221,000

Following is the list of identified Transportation needs and estimated costs over the next five years

Tier 1 Transportation Items:

Special Needs Buses for Current Requirements: There is an immediate need for 10 additional Special Needs, Type A-18 passenger buses to cover as backup buses. Currently Transportation has no backup buses for the Special Education fleet as all 92 existing buses are on routes. Of the 10 buses needed, 4 will be purchased out of the Transportation 2017-18 budget, leaving 6 in the Master Capital Plan.

Special Needs Buses for Growth: Special Education growth for Transportation is projected at a 20% increase based on transportation trends. The need for 20 additional Type A-18 passenger buses is a current need for the 2017-18 school year.

Tier 2 Transportation Items:

General Education School Bus Replacement: Two general education buses are needed for the 2018-19 school year. These buses are currently inoperable and cannot be repaired. Eleven general education buses will need to be replaced in the 2017-19 timeframe. These buses exceed the normal range for repairs, experience multiple component failures, and have limited student capacity.

Special Education School Bus Growth: Fifteen special needs buses are required for the 2018.2019 school year. The district is projecting continued growth of this department and the identified need is based on current trends. Nine special education buses will need to be replaced. These buses exceed the normal range for repairs, experience multiple component failures, and have limited student capacity.

Tier 3 Transportation Items:

Tow Truck-Growth Related: There are two large Boom Lifts that are currently ineffective for towing school buses. Neither tow truck is being used. It is important to “right size” the fleet to the actual needs of the department. The current Boom Lifts can be sold to off-set the cost of the newer equipment.

General Education School Bus Replacement: Four buses will need to be replaced during the 2017-2019 time frame. These buses exceed the normal range for repairs, experience multiple component failures, and have limited student capacity.

Field Trip Bus Replacement: Three field trip buses will need to be replaced in the 2017-19 timeframe. These buses exceed the normal range for repairs, do not have an under carriage, and have difficulty traversing steep hills. These limit the field trip departments ability to fulfill all requested trips.

Tier	Priority	Quantity	Project Description	Estimated Cost 2017-2022
Tier 1	High	6	Special Needs Type A, 18 Passenger w/WC	\$83,000 each = \$498,000
	High	20	Student Growth - Special Needs Type A Busses	\$83,000 each = \$1,660,000
Tier 2	High	2	General Education Buses-Replacement	\$93,000 = \$186,000
	Medium	11	General Education Buses-Replacement	\$93,000 = \$1,023,000
	Medium	15	Special Needs Buses-Student Growth	\$83,000 = \$1,245,000
	Low	9	Special Needs Buses-Replacement	\$83,000 = \$747,000
Tier 3	High	1	Tow Truck for buses	\$100,000
	Low	4	General Education Buses-Replacement	\$93,000 = \$372,000
	Low	3	Field Trip Buses	\$130,000 = \$390,000

Estimated Total Capital Costs (in 2017 Dollars): \$6,221,000

Estimated Project Management Cost Range: \$0

Estimated Inflation Range: \$0

Estimated Total Project Costs: \$6,221,000

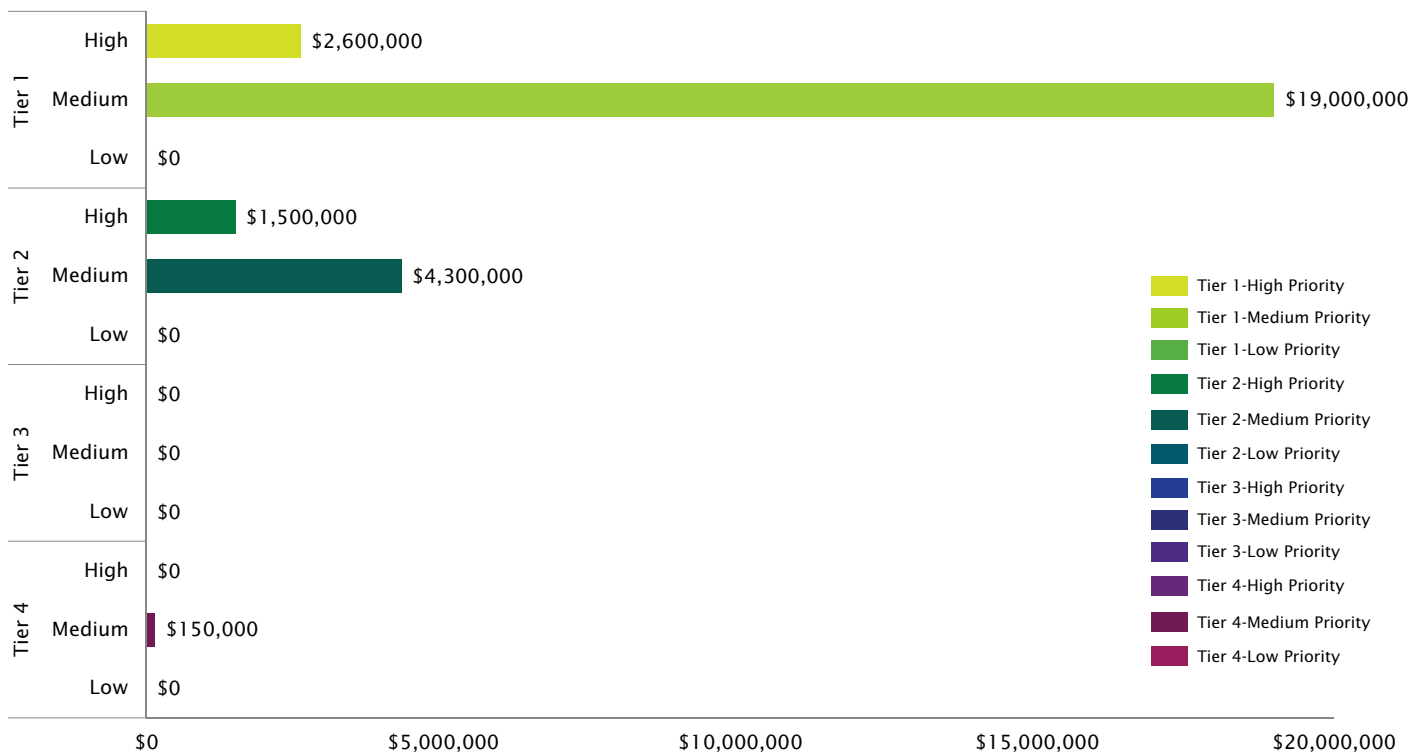
The DCSD Information Technology Division supports all of the district technology infrastructure distributed throughout our schools and office buildings. Ubiquitous availability of high speed Internet is not a nice to have any more. There is a large impact to the smooth operations of schools and offices if internet connectivity is severed. To that end, the District's IT team continuously performs system updates to ensure connectivity of phone, internet, and other critical systems is maintained at the highest levels of operation. Additionally, schools purchase roughly \$3.2 million dollars worth of classroom computers and devices every year. Currently, DCSD owns and is responsible for:

- 500+ servers to run and operate the district infrastructure
- 7,000 phones
- 3,800 wireless access points across all building/schools
- 500 switches
- Over 50,000 devices connected wirelessly (Laptops, Ipads, Chromebooks etc.)
- 200+ Terabytes of storage
- 110,000 active directory accounts (staff, students, parents etc.)

The Information Technology Division's currently identified solutions and projects are prioritized on the effectiveness and impact to student education delivery. District technology initiatives are proposed by the IT division based on continual review of school staff and student educational requirements, administrative leadership, and reference to industry best practice solutions. A business case is developed to define scope, deliverables, resources, and cost estimates which then is prioritized by IT leadership. A portfolio review is conducted to ensure new initiatives are unified solutions across the district and maximize delivery of student education in alignment with our strategic goals. With a wealth of technology solutions and opportunities, the IT division focuses priority on providing the district students, staff, and administration with the most value to provide the greatest education for the students.

Information Technology-Identified Items

Estimated Capital Costs (in 2017 Dollars) by Tier and Priority



Estimated Total Project Costs: \$27,550,000

Tier 1 IT Items:

Data Center Infrastructure Rotation: Our district-wide technology systems are reliant on a robust data center infrastructure. This funding need will allow IT to keep servers and systems up to date as demands on our servers, storage, network, and cloud infrastructure grows. Vital needs include core data center redundancy, wireless infrastructure, and back-end server and cloud support systems. Annual funding revisions reflect current market costs and also any previous work completed with general fund monies.

Cyber Security Enhancements: With digital safety as a key component of our overall safety strategy, this funding will enable the District to build a robust district-wide network security management platform, an enhanced data loss prevention solution, an Internet-based software blocking solution for malicious content, firewall botnet protection, and device encryption. All of this serves to provide a safe educational environment and secure staff and teacher data. Annual funding revisions reflect current market costs.

School Network Enhancements: The district network enables staff and students to connect wirelessly to high speed Internet and enable various education services. Over the next five years, we anticipate district wide network capacity needs to grow to meet our evolving demands. Nearly all student educational activities and district administrative services depend on the network. Funding this will allow us to continue building and upgrading district site network switches, wireless hardware, and battery backup systems. Annual funding revisions reflect current market costs and also any previous work completed with general fund monies.

Tier 2 IT Items:

Document Management Solution: All employee and student paper records need to be managed and preserved for defined periods of time. A new content management solution would allow us to digitize all such paper records and help store all this critical data in a single repository enabling timely, accurate, and secure retrieval or removal of data.

Intranet Portal: Today's workforce demands efficient and timely access to relevant policies, forms and data. This solution consolidates various staff and administrative web site content into a central employee portal called the district intranet. The portal will act as a tool to enhance internal communication and collaboration across the district.

Video Content Management: In today's digital age video content is created at a rapid pace. We currently do not have a central platform to store and share such internally created video content. This capital need will allow us to purchase and implement a video content management system to allow school staff and students to store and publish original video content.

Multifunction Printer Fleet: The existing fleet of multifunction printers that provide schools and central office large scale printing, faxing, and scanning requires a site by site replacement program in order to stay current with today's technology and printing needs. The current fleet has completed initial maintenance terms with additional support required to maintain the aging fleet.

Business Analytics System: The district does not have a central data warehousing nor a business analytics solution. This effort will allow us to build a single place for storing and reporting on our student and staff data accurately. Accurate and timely access to student data enables our educators to make meaningful decisions based on student performance data and take appropriate corrective measures.

Tier 4 IT Items:

Web Printing Solution: The ability to print from any device (ipad, chromebook etc.) does not exist within the district. This web printing management solution would provide a web printing management solution that would allow students and staff to print from virtually all devices.

Tier	Priority	Project Description	Estimated Cost 2017-2022
Tier 1	High	Data Center Infrastructure Rotation	\$1,300,000
	High	Cyber Security Enhancements	\$1,300,000
	Medium	Device Hardware Rotation	\$17,500,000
	Medium	School Network Enhancements	\$1,500,000
Tier 2	High	Document Management Solution	\$750,000
	High	Intranet Portal	\$750,000
	Medium	Video Content Management	\$1,500,000
	Medium	Multifunction Printer Fleet	\$1,700,000
	Medium	Busines Analytics System	\$1,100,000
Tier 4	Medium	Web Printing Solution	\$150,000

Estimated Total Capital Costs (in 2017 Dollars): \$27,550,000

Estimated Project Management Cost Range: \$0

Estimated Inflation Range: \$0

Estimated Total Project Costs: \$27,550,000



Public Charter Schools were authorized by the Colorado Charter School Act in 1993, and DCSD chartered the first charter school in the state shortly thereafter, Academy Charter School. The Charter School Act authorizes teachers, parents and/or community members to contract with the local board of education to establish a publicly funded school. Charter schools operate under a “charter contract” between the charter school and the local board of education which defines the charter school’s goals, standards, education design, governance, and operations. All charter schools must meet accreditation standards as set by their authorizing school district and comply with federal and state statutes related to non-discrimination, school accountability, assessments, finance and financial transparency, and performance.

All charter schools authorized by the Douglas County School District Board of Education have legal arrangements to lease, acquire, utilize, and maintain their own facilities, including grounds and buildings. Each charter facility is an individual operating entity utilizing different ownership structures and business models. Each charter school, while always a public school, is individually managed by an independent board of directors. Ultimately, charter schools are accountable to provide educational spaces that are safe to all students and staff through its charter with the Board of Education. Charters must also properly maintain each facility to support their defined programs and objectives. Currently, this maintenance, and any facility modifications or additions, is carried out by each individual charter school.

Each charter school must fund its educational programs (including salaries for teachers, support staff, and administrators) and pay for all infrastructure needs. These may include facility purchases, technology, supplies, routine and emergency maintenance items, facility modifications or new construction. These costs are paid by the charter school from the per pupil revenue and mill levy override dollars received from the authorizing school district. Like all other public school facilities, charters must also always meet all federal, state and local code requirements for health and safety.

DCSD charter schools occupy a variety of different types of buildings of different ages and histories, from converted warehouses to new commercial construction not dissimilar from standard neighborhood schools. When financed, each facility carries its own terms using interest rates often greater than rates for public debt offered to school districts like DCSD. Charter schools generally target spending 12% to 18% of their total annual budget on their facility debt service or lease payments. As public schools subject to TABOR, charters do not solicit voter funding through bonds, so capital expenses must be funded through their annual budgets and contingency reserves. Each charter school is 100% liable for these costs, which are not covered by the District.

While DCSD is not directly responsible for charter school capital needs, this inventory of charter school facilities is required to fully appreciate the cost needs and public ownership value of buildings and other capital required for public K-12 education throughout the District.

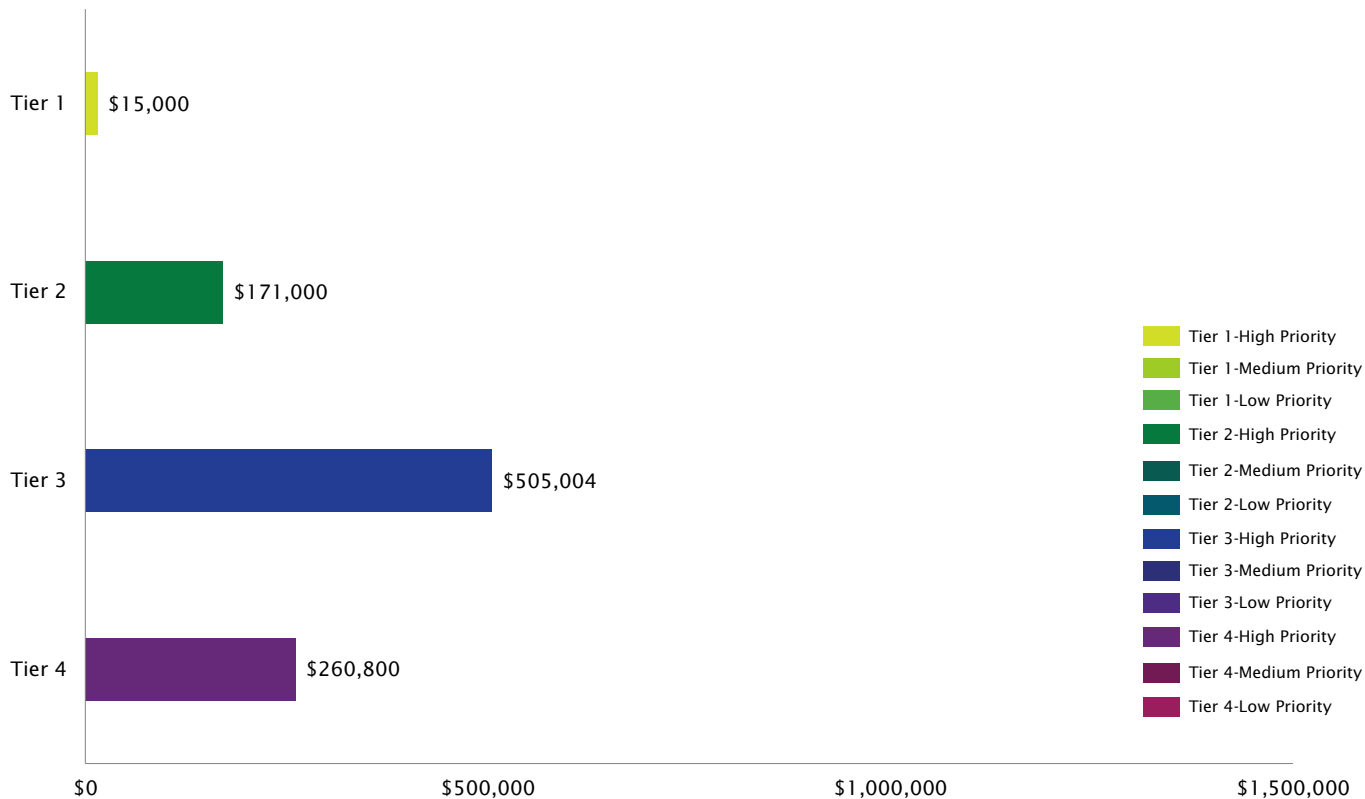
1551 Prairie Hawk Drive
 Castle Rock, CO 80109
 Castle View High School Feeder Area, K-8

School built in 2001
 Opened in 1996

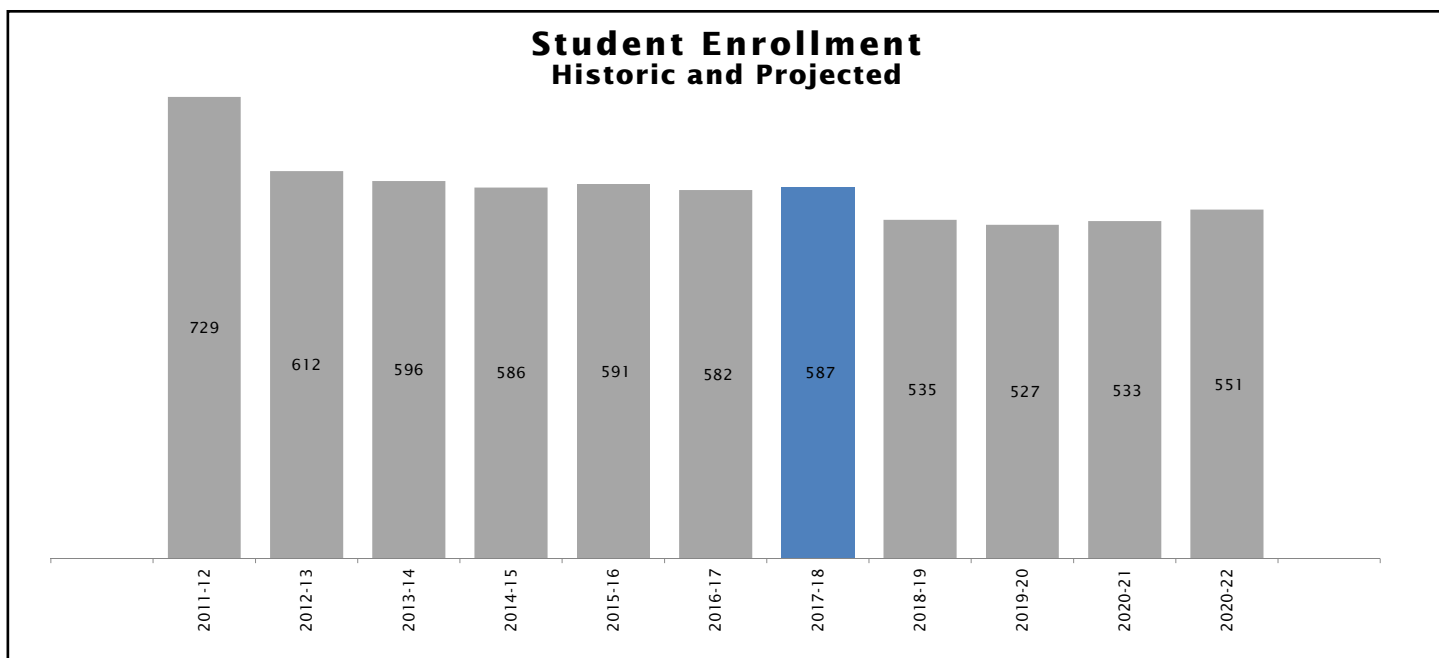
Site Acreage:10
 Facility Square Feet: 52,000

Academy Charter-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier



Estimated Total Construction Costs (in 2017 Dollars): \$951,804
Estimated Total Project Costs: \$1,094,575 - \$1,565,718



Following is the list of identified facility projects at Academy Charter School

Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	Minor repairs on corners of roof parapet	\$3,000	\$300-\$1,290	\$150-\$645
	Repair site heating distribution gas lines and mechanical system	\$12,000	\$1,200-\$5,160	\$600-\$2,580
Tier 2	Additional roof top cooling units in computer labs	\$35,000	\$3,500-\$15,050	\$1750-\$7,525
	Air conditioning in gym	\$35,000	\$3,500-\$15,050	\$1750-\$7,525
	Replace toilet partitions in 10 restrooms	\$35,000	\$3,500-\$15,050	\$1750-\$7,525
	Replace gutters and downspouts	\$8,000	\$800-\$3,440	\$400-\$1,720
	Replace levers on interior doors	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Playground asphalt repairs	\$28,000	\$2,800-\$12,040	\$1,400-\$6,020
	Replace sink countertops, 3 boys, 4 girls	\$10,000	\$1,000-\$4,300	\$500-\$2,150
Tier 3	Caulk all windows	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Repair cracks above windows	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Paint storefront window trim	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Paint building interior	\$70,000	\$7,000-\$30,100	\$3,500-\$15,050
	Complete fire loop road/parking	\$250,000	\$25,000-\$107,500	\$12,500-\$53,750
	ADA ramps at new cross walk	\$5,000	\$500-\$2,150	\$250-\$1,075
	Raise East Entry sidewalk	\$3,000	\$300-\$1,290	\$150-\$645
	Replace damaged concrete	\$15,000	\$1,500-\$6,450	\$750-\$3,225
	Seal concrete/asphalt at perimeter	\$5,000	\$500-\$2,150	\$250-\$1,075
	Reskim retaining wall	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Install access controlled security and detection system	\$28,246	\$2,824-\$12,145	\$1,412-\$6,072
	Upgrade facility security camera system	\$35,308	\$3,530-\$15,182	\$1,765-\$7,591
	Install intrusion alarm system	\$13,451	\$1,345-\$5,783	\$672-\$2,891
	Repair cracking in floor slab & flooring	\$40,000	\$4,000-\$17,200	\$2,000-\$8,600
Tier 4	Replace rock at preschool area	\$800	\$80-\$344	\$40-\$172
	Repair concrete drain pans	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Expand main parking lot	\$250,000	\$25,000-\$107,500	\$12,500-\$53,750

Estimated Total Construction Costs (in 2017 Dollars): \$951,804
 Estimated Project Management Costs Range: \$95,180 - \$409,276
 Estimated Inflation Range: \$47,590 - \$204,638

Estimated Total Project Costs: \$1,094,575 - \$1,565,718

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

Castle Pines Campus
 6971 Mira Vista Lane
 Castle Pines, CO 80108
 Rock Canyon High School
 Feeder Area, K-8

Parker Campus
 11155 Molsenbocker Rd
 Parker, CO 80134
 Chaparral High School
 Feeder Area, K-8

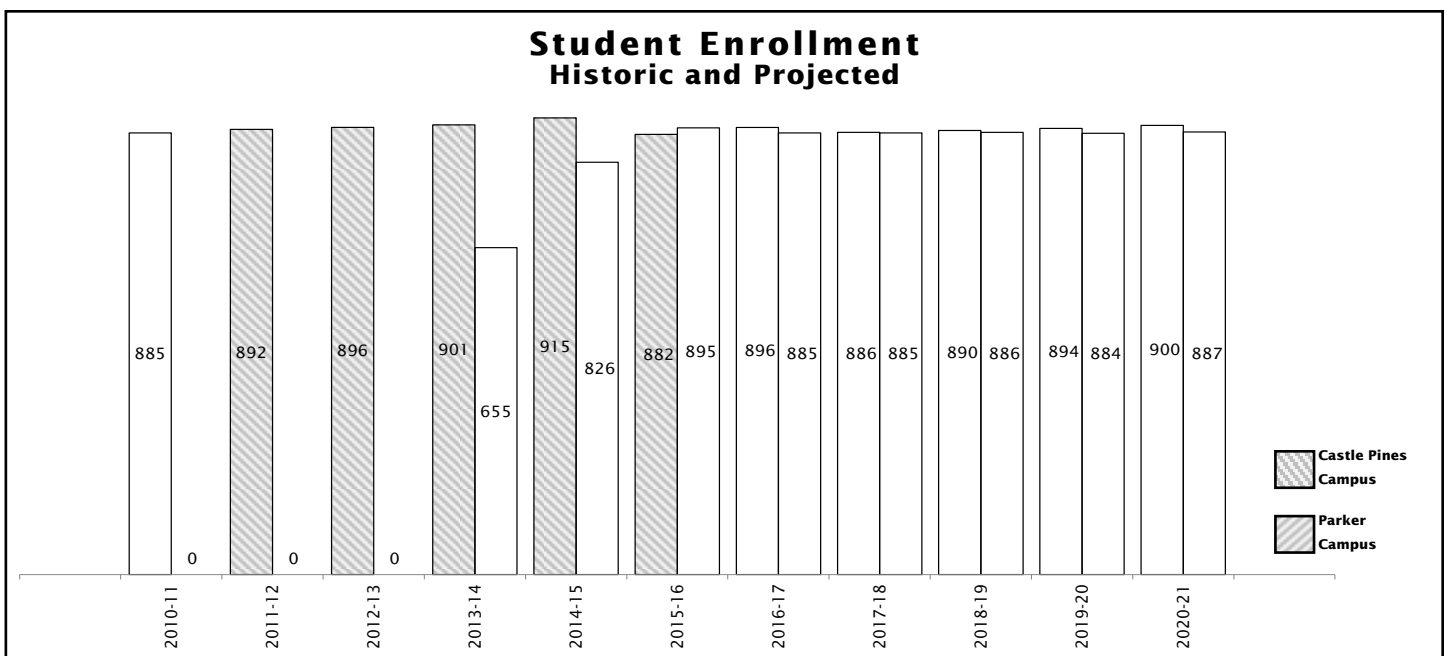
Castle Pines school built/opened in 2009
 Parker school built/opened in 2013

Site Acreage: 5.5 (Castle Pines), 9.1 (Parker)
 Facility Square Feet: 83,000 (Castle Pines), 93,000 (Parker)

American Academy-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier



Estimated Total Construction Costs (in 2017 Dollars): \$153,000
Estimated Total Project Costs: \$175,950 - \$251,685



Following is the list of identified facility projects at American Academy Charter School

Tier	Project Description	Estimated Construction Cost-2016	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 3	Install new parking in conjunction with new park	\$30,000	\$3,000-\$12,900	\$1,500-\$6,450
Tier 4	Install 20x30 storage building	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Add additional shrubs, trees, and plantings	\$25,000	\$2,500-\$10,750	\$1,250-\$5,375
	Install fencing around perimeter and service areas. Per CDE audit	\$60,000	\$6,000-\$25,800	\$3,000-\$12,900
	Connect sidewalks on backside of school	\$18,000	\$1,800-\$7,740	\$900-\$3,870

Estimated Total Construction Costs (in 2017 Dollars): \$153,000

Estimated Project Management Costs Range: \$15,300- \$65,790

Estimated Inflation Range: \$7,650 - \$32,895

Estimated Total Project Costs: \$175,950 - \$251,685

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*



Aspen View Academy

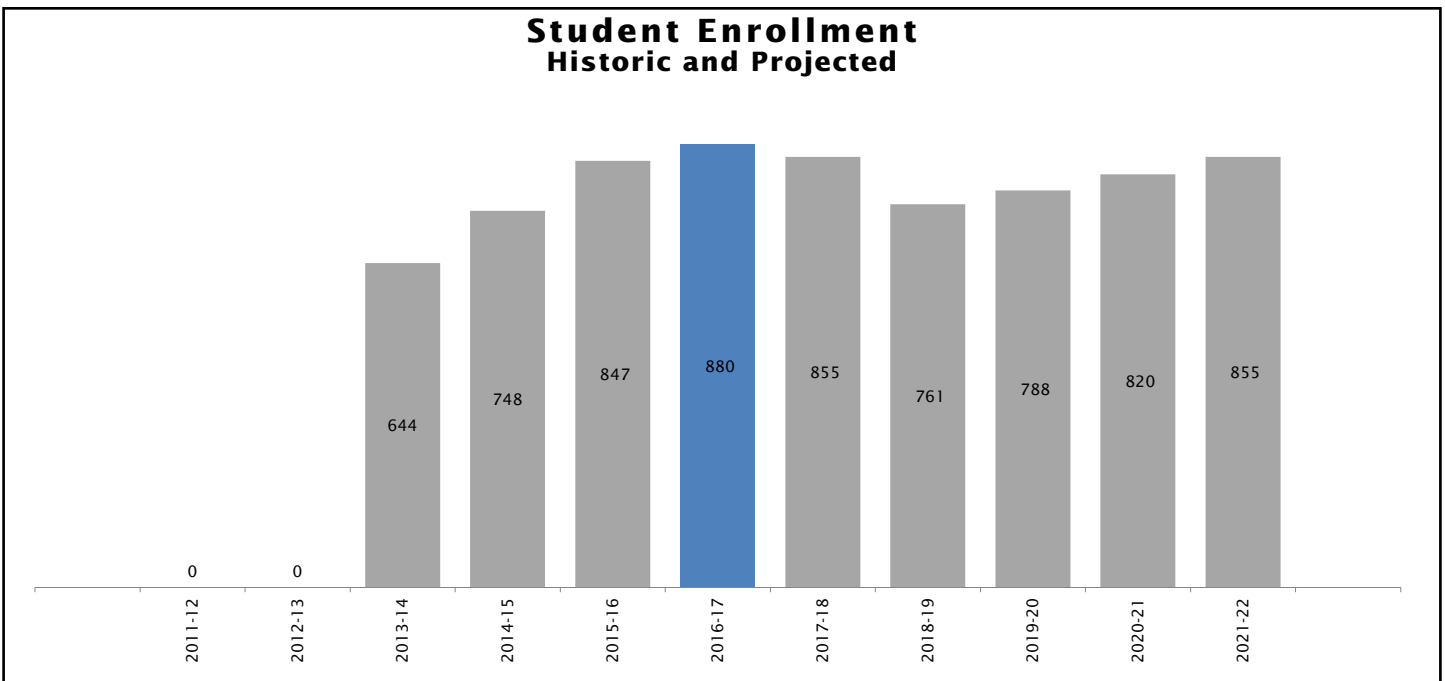
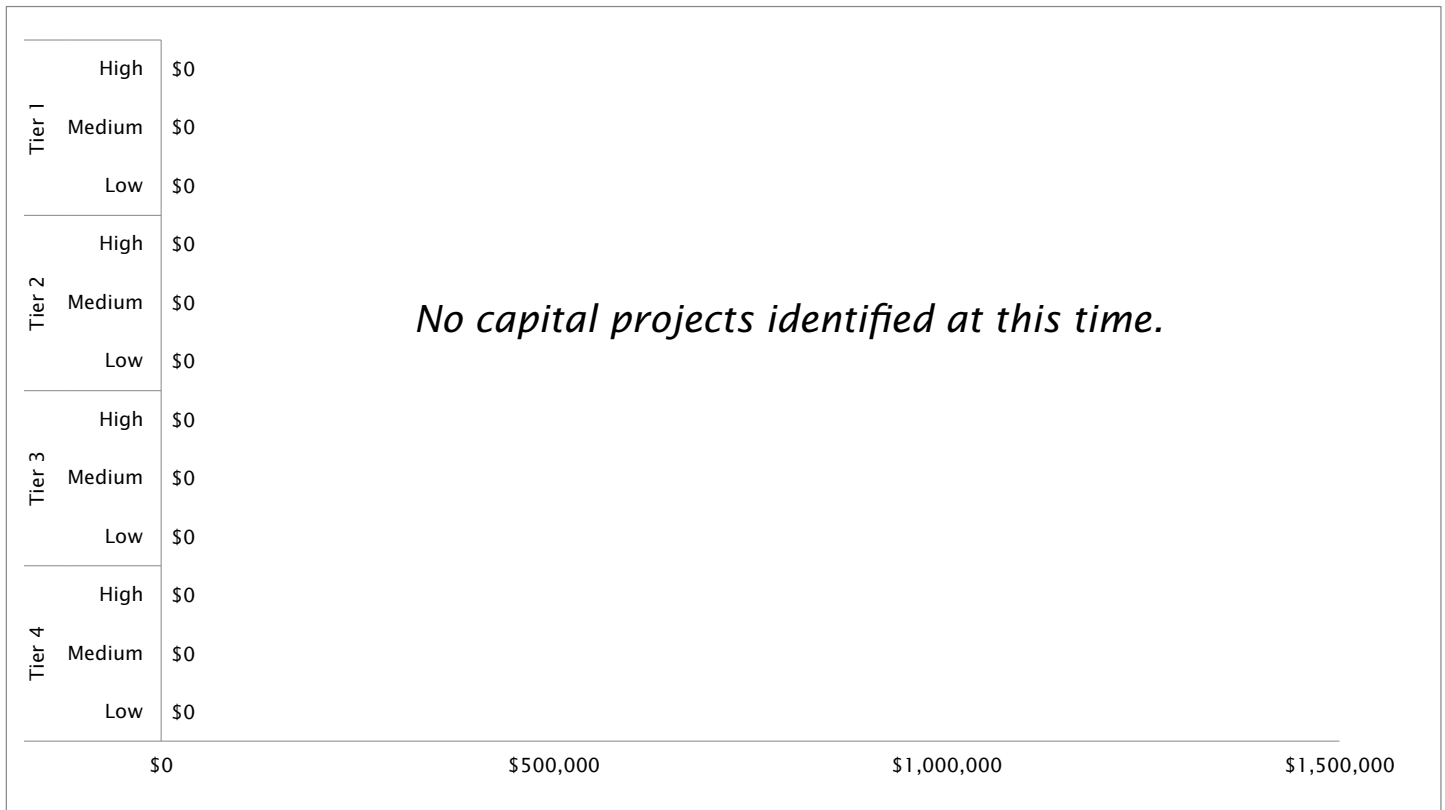
Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

2131 Low Meadow Boulevard
 Castle Rock, CO 80109
 Castle View High School Feeder Area, K-8

School built in 2013
 School opened in 2013

Site Acreage: 10
 Facility Square Feet: 78,376

Aspen View Academy-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier



Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs

No capital projects identified at this time.

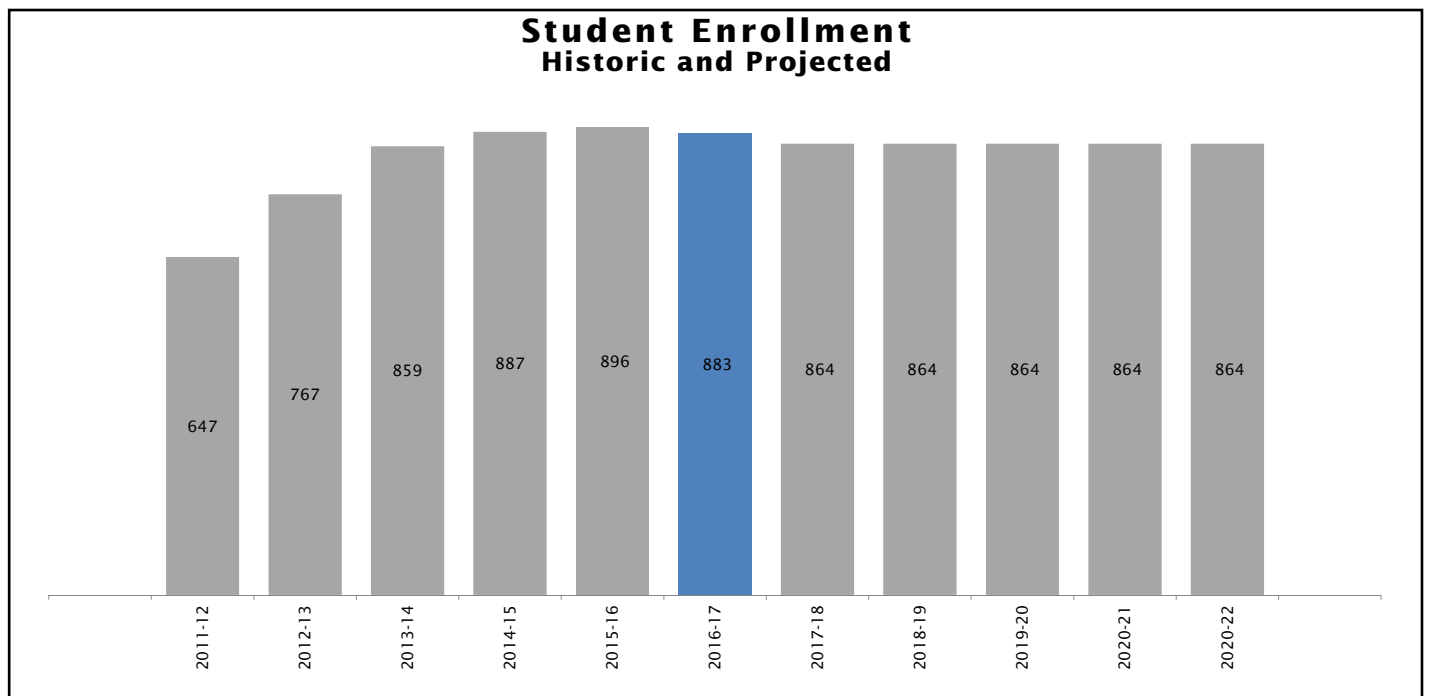
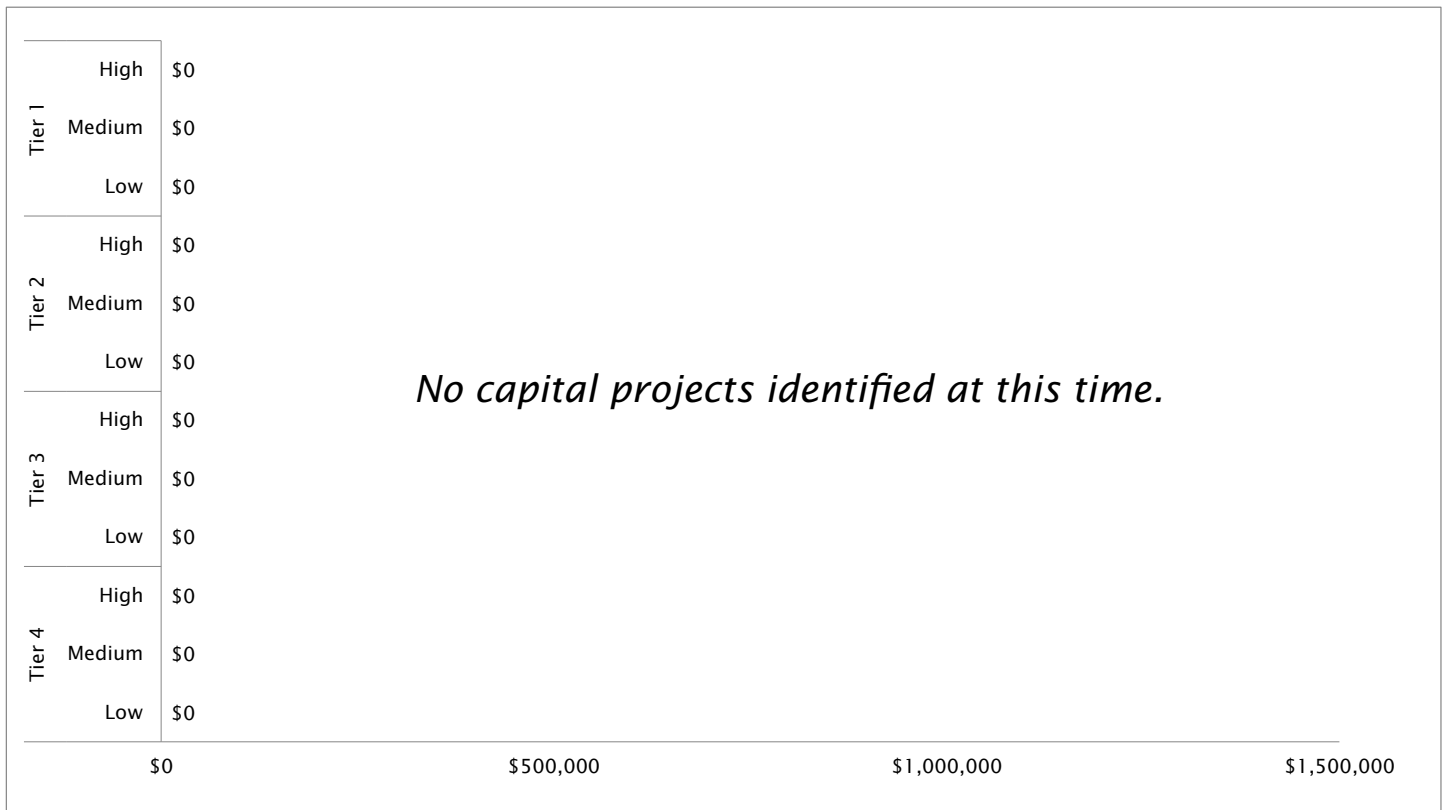
**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

2270 Plaza Drive
 Highlands Ranch, CO 80129
 Mountain Vista High School Feeder Area, K-8

School built in 2011
 School opened in 2011

Site Acreage: 10.13
 Facility Square Feet: 64,779

Benjamin Franklin Academy-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier

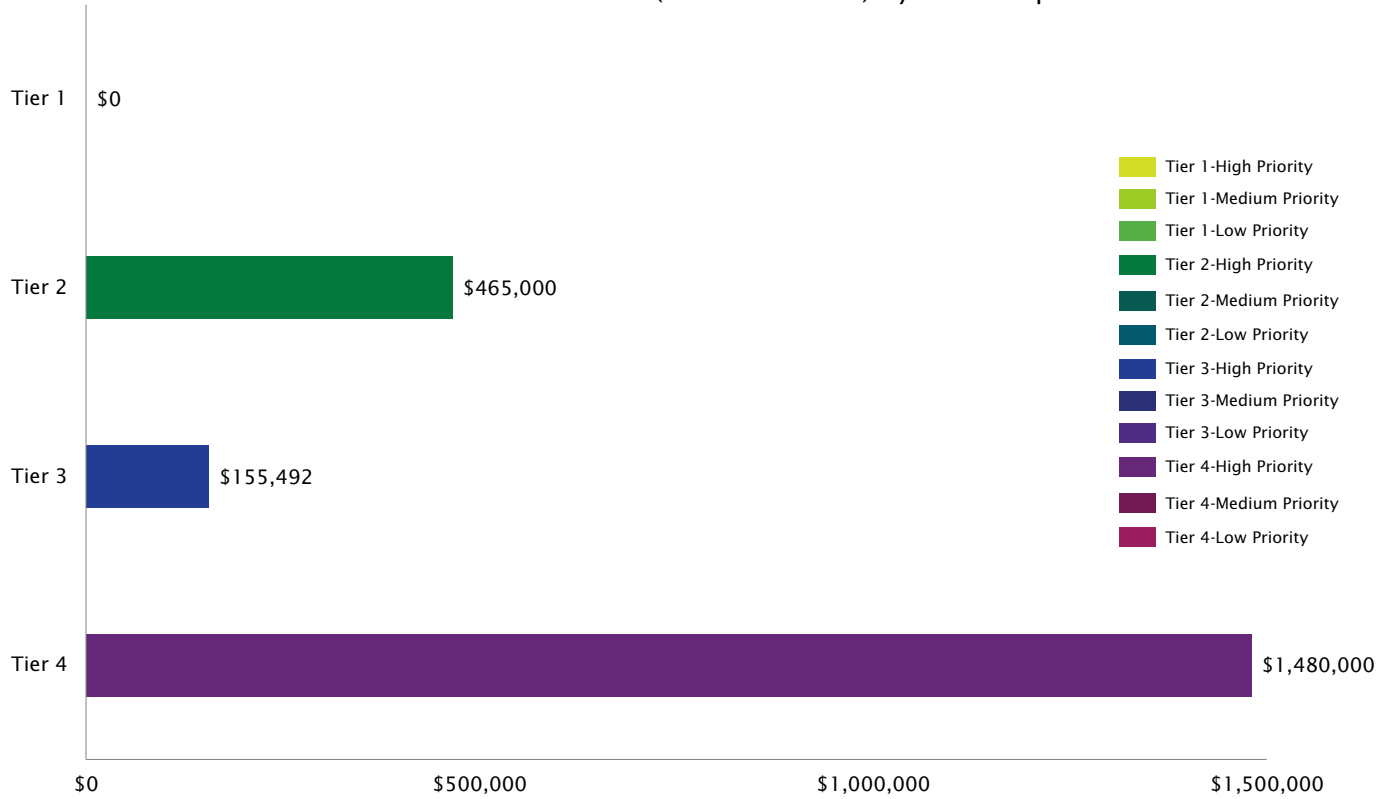


16995 East Carlson Drive
 Parker, CO 80134
 Chaparral High School Feeder Area, K-8

School built in 2004
 Opened in 2002

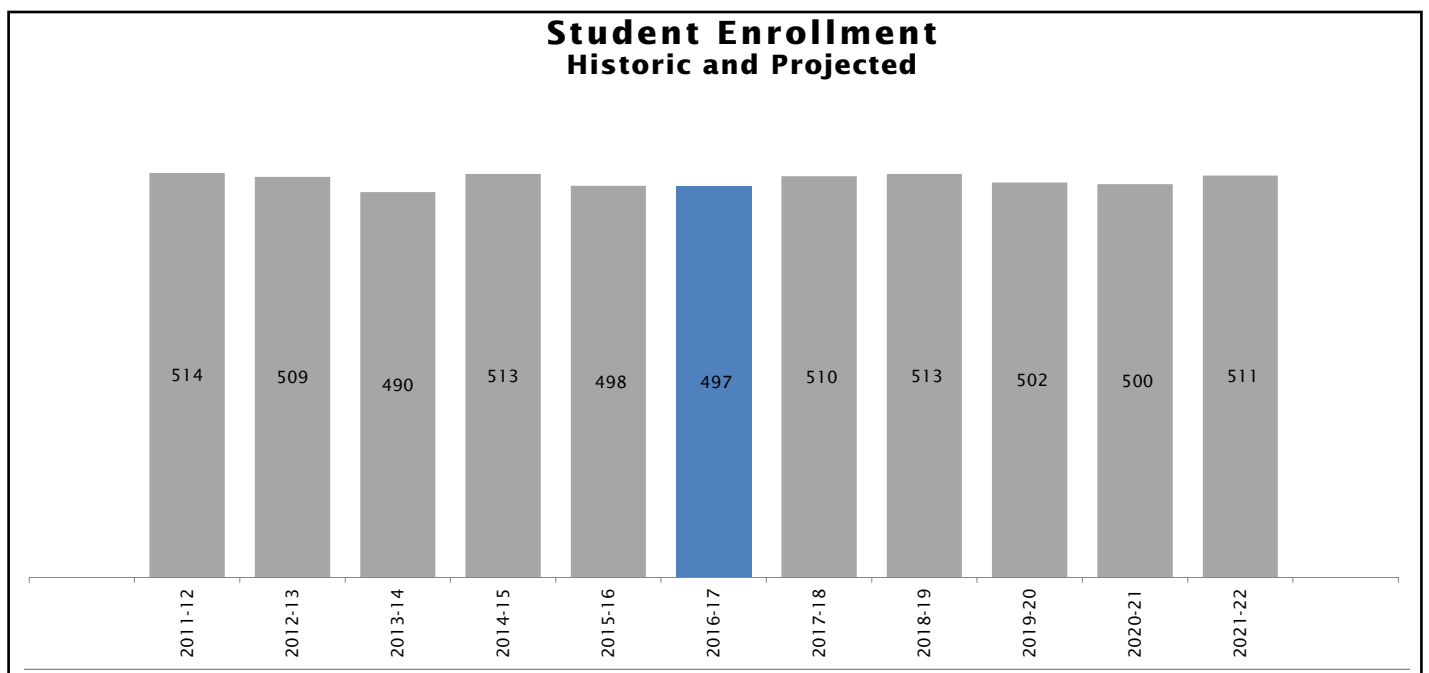
Site Acreage: 7.5
 Facility Square Feet: 40,000

Challenge to Excellence Charter-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier



Estimated Total Construction Costs (in 2017 Dollars): \$2,100,492

Estimated Total Project Costs: \$2,415,566 - \$3,455,310



Following is the list of identified facility projects at Challenge to Excellence Charter School

Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 2	Upgrade irrigation system	\$80,000	\$8,000-\$34,400	\$4,000-\$17,200
	Mill, overlay, patch parking lot	\$150,000	\$15,000-\$64,500	\$7,500-\$32,250
	Replace sections of sidewalk	\$25,000	\$2,500-\$10,750	\$1,250-\$5,375
	Maintenance/additions needed on synthetic field	\$150,000	\$15,000-\$64,500	\$7,500-\$32,250
	Resurface playground	\$60,000	\$6,000-\$25,800	\$3,000-\$12,900
Tier 3	Replace areas of curb cracking	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Seal and caulk exterior wall	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Caulk windows	\$6,000	\$600-\$2,580	\$300-\$1,290
	Provide fencing for dumpsters & transformers	\$5,000	\$500-\$2,150	\$250-\$1,075
	Parking lot signage and marking	\$8,000	\$800-\$3,440	\$400-\$1,720
	Steel doors and frames need painted	\$15,000	\$1,500-\$6,450	\$750-\$3,225
	Hallways need patched and painted	\$35,000	\$3,500-\$15,050	\$1,750-\$7,525
	Install facility security camera system	\$33,626	\$3,362-\$14,459	\$1,681-\$7,229
	Install access controlled security and detection system	\$9,415	\$941-\$4,048	\$470-\$2,024
Install intrusion alarm system	\$13,451	\$1,345-\$5,783	\$672-\$2,891	
Tier 4	Building expansion	\$1,200,000	\$120,000-\$51,6000	\$60,000-\$258,000
	New modular classroom, wet	\$200,000	\$20,000-\$86,000	\$10,000-\$43,000
	Entire site needs landscape work	\$75,000	\$7,500-\$32,250	\$3,750-\$16,125
	Replace/add trees and shrubs	\$5,000	\$500-\$2,150	\$250-\$1,075

Estimated Total Construction Costs (in 2017 Dollars): \$2,100,492
 Estimated Project Management Costs Range: \$210,049 - \$903,212
 Estimated Inflation Range: \$105,025 - \$451,606

Estimated Total Project Costs: \$2,415,566 - \$3,455,310

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

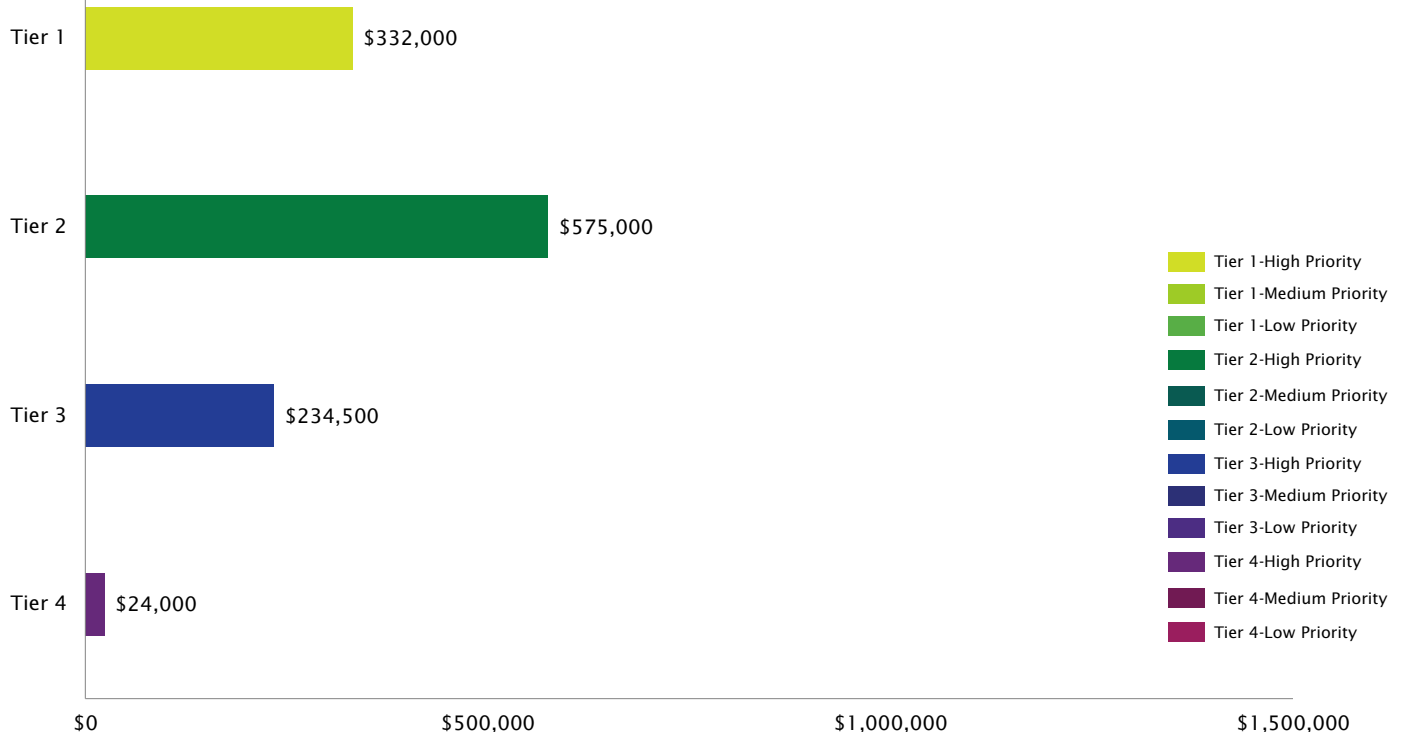
311 East Castle Pines Parkway
 Castle Pines, CO 80108
 Rock Canyon High School Feeder, K-8

School built in 2000
 Opened in 1997

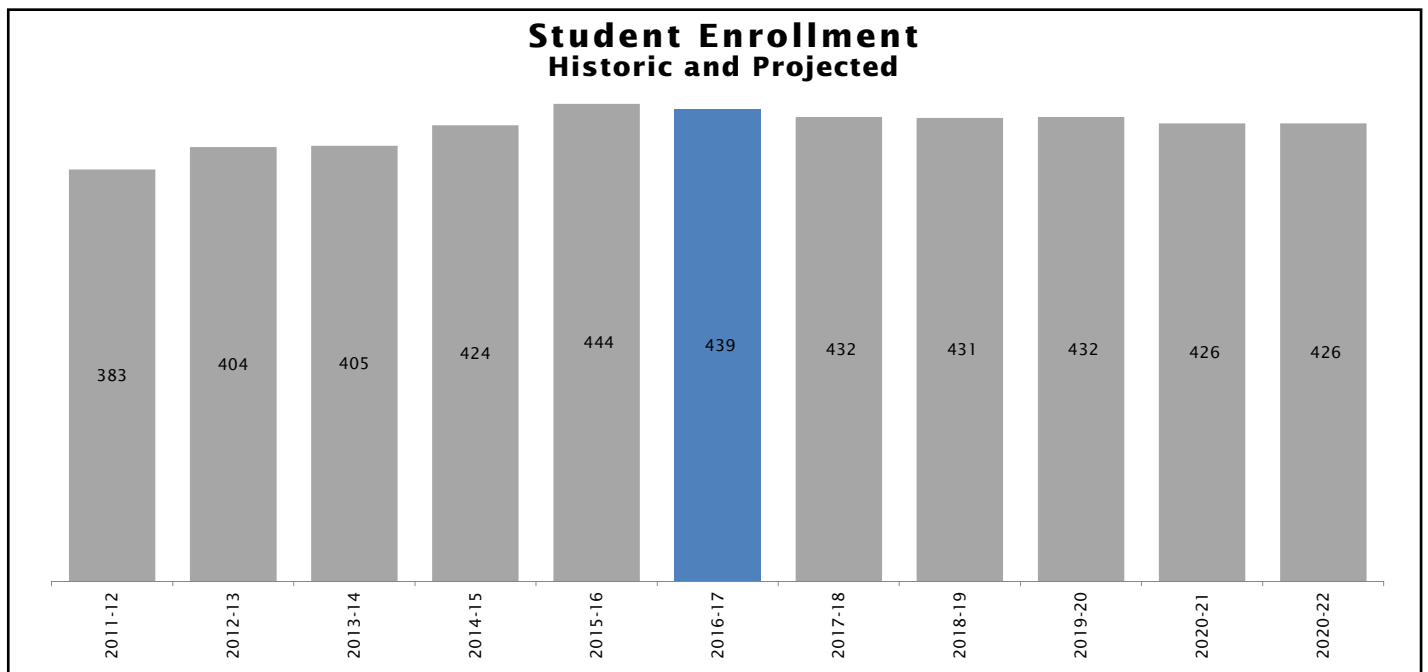
Site Acreage: 8.5
 Facility Square Feet: 41,800

DCS Montessori Charter-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$1,165,500
Estimated Total Project Costs: \$1,340,325 - \$1,917,248



Following is the list of identified facility projects at DCS Montessori Charter School

Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	Maintenance repairs to generator	\$2,000	\$200-\$860	\$100-\$430
	Replace fire alarm system	\$80,000	\$8,000-\$34,400	\$4,000-\$17,200
	Replace roof	\$250,000	\$25,000-\$107,500	\$12,500-\$53,750
Tier 2	Replace toilet partitions	\$30,000	\$3,000-\$12,900	\$1,500-\$6,450
	Replace carpet	\$180,000	\$18,000-\$77,400	\$9,000-\$38,700
	Resurface gymnasium floor	\$25,000	\$2,500-\$10,750	\$1,250-\$5,375
	Mill overlay parking lot	\$150,000	\$15,000-\$64,500	\$7,500-\$32,250
	New parking lot	\$150,000	\$15,000-\$64,500	\$7,500-\$32,250
	Replace countertops in art room	\$40,000	\$4,000-\$17,200	\$2,000-\$8,600
Tier 3	Replace sheet vinyl flooring with a seamless flooring product.	\$30,000	\$3,000-\$12,900	\$1,500-\$6,450
	Upgrade irrigation controller	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Upgrade parking lot signage	\$75,000	\$7,500-\$32,250	\$3,750-\$16,125
	Repair/replace operable partition wall	\$28,000	\$2,800-\$12,040	\$1,400-\$6,020
	Install facility security camera system	\$33,000	\$3,300-\$14,190	\$1,650-\$7,095
	Install access controlled security and detection system	\$27,000	\$2,700-\$11,610	\$1,350-\$5,805
	Install intrusion alarm system	\$13,500	\$1,350-\$5,805	\$675-\$2,902
	Repair concrete strip around building foundation	\$8,000	\$800-\$3,440	\$400-\$1,720
Tier 4	Purchase/install blinds	\$5,000	\$500-\$2,150	\$250-\$1,075
	Repair erosion around school	\$5,000	\$500-\$2,150	\$250-\$1,075
	Replace trees that are dead	\$7,000	\$700-\$3,010	\$350-\$1,505
	Repair and caulk tie walls on NE side of building	\$5,000	\$500-\$2,150	\$250-\$1,075
	Seeding and maintenance in front of building	\$2,000	\$200-\$860	\$100-\$430

Estimated Total Construction Costs (in 2017 Dollars): \$1,165,500
 Estimated Project Management Costs Range: \$116,550 - \$501,165
 Estimated Inflation Range: \$58,275 - \$250,583

Estimated Total Project Costs: \$1,340,325 - \$1,917,248

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

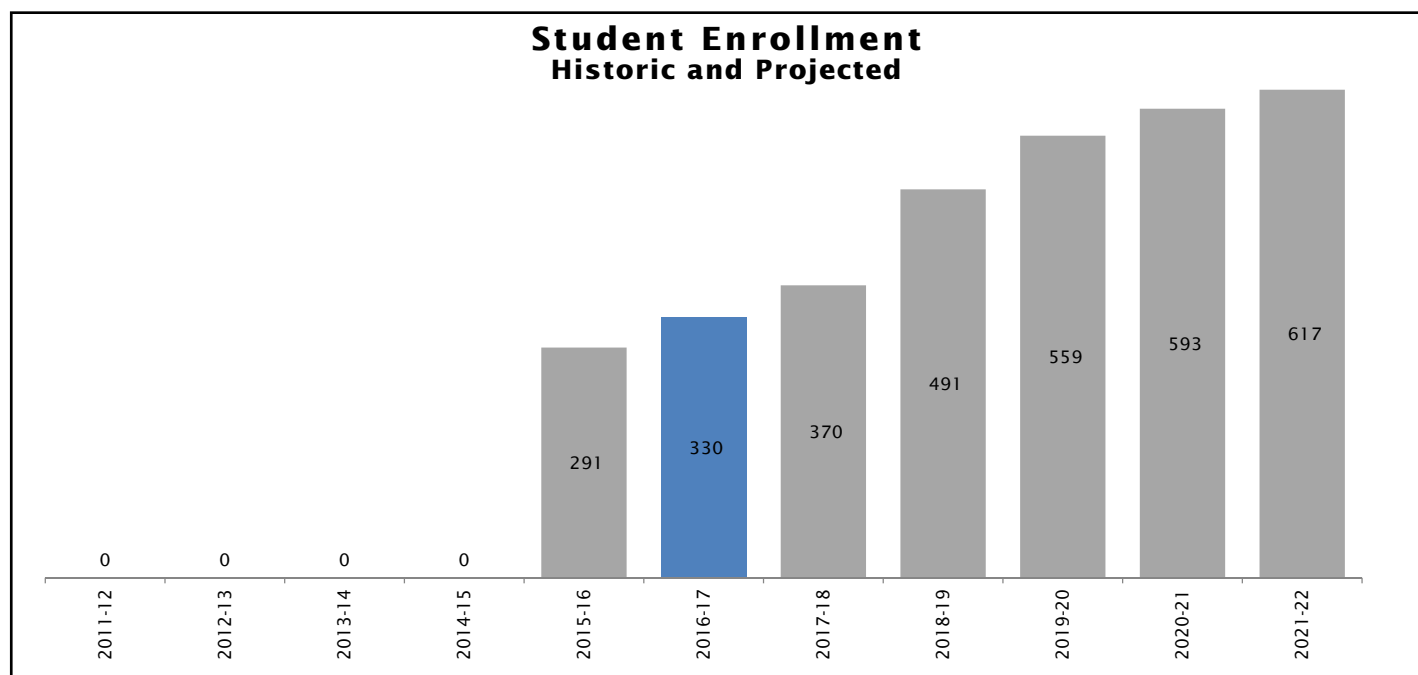
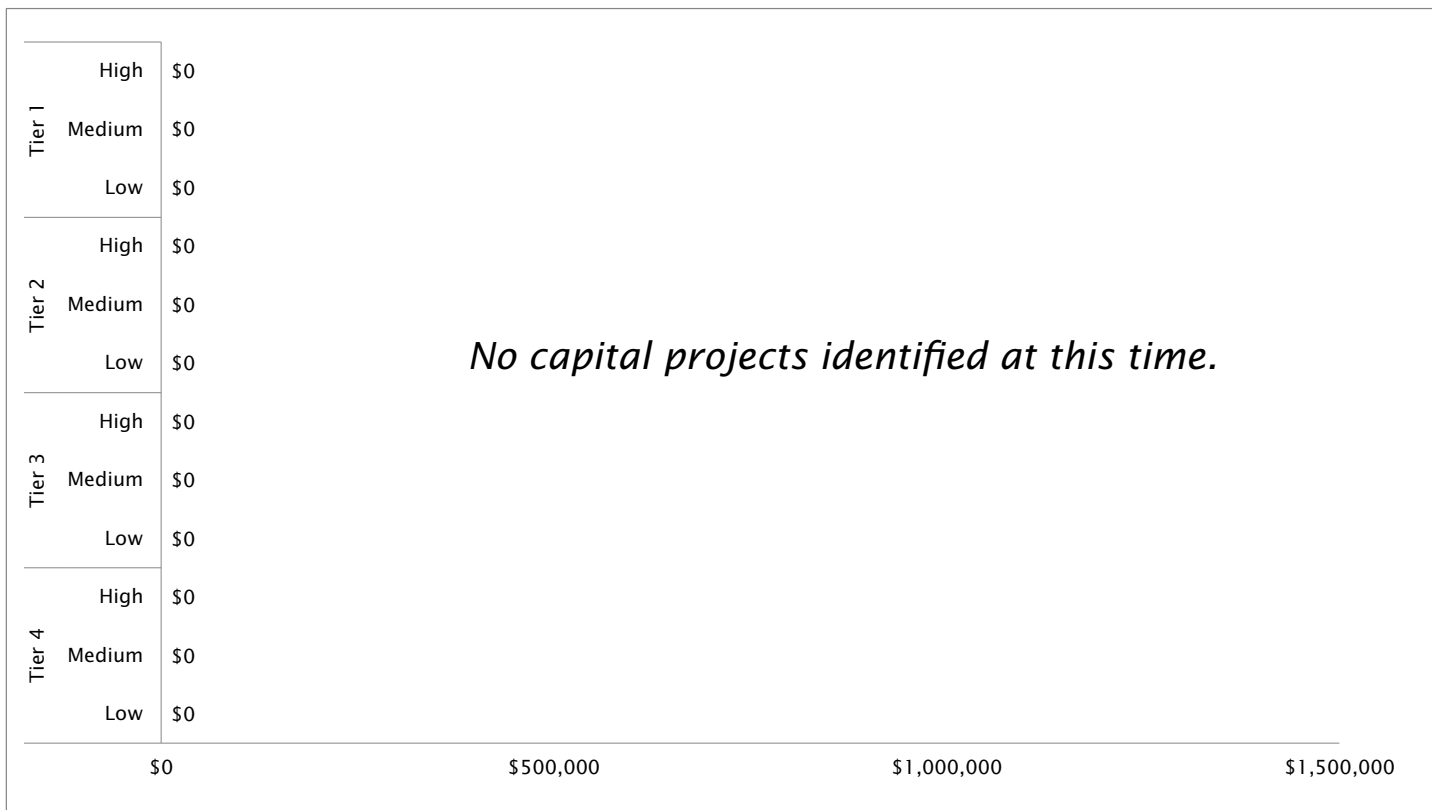
18451 Ponderosa Drive
 Parker, CO 80134
 Chaparral High School Feeder Area, K-6

Opened in 2015

Site Acreage: 7.39
 Facility Square Feet: 27,481

Global Village Academy-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



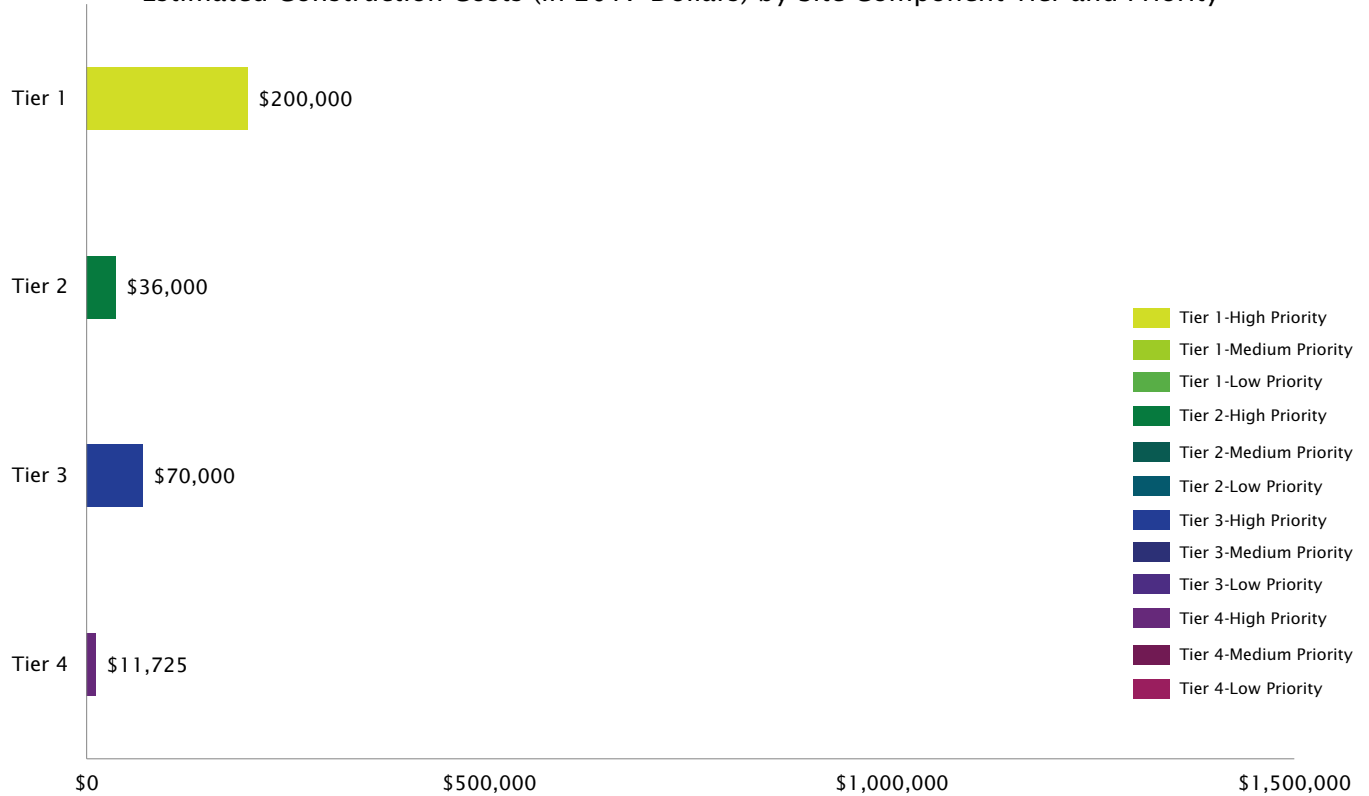
16700 Keystone Boulevard
 Parker, CO 80134
 Chaparral High School Feeder, K-8

Opened in 2005

Site Acreage: 4.8
 Facility Square Feet: 28,900

North Star Academy-Identified Facility Projects

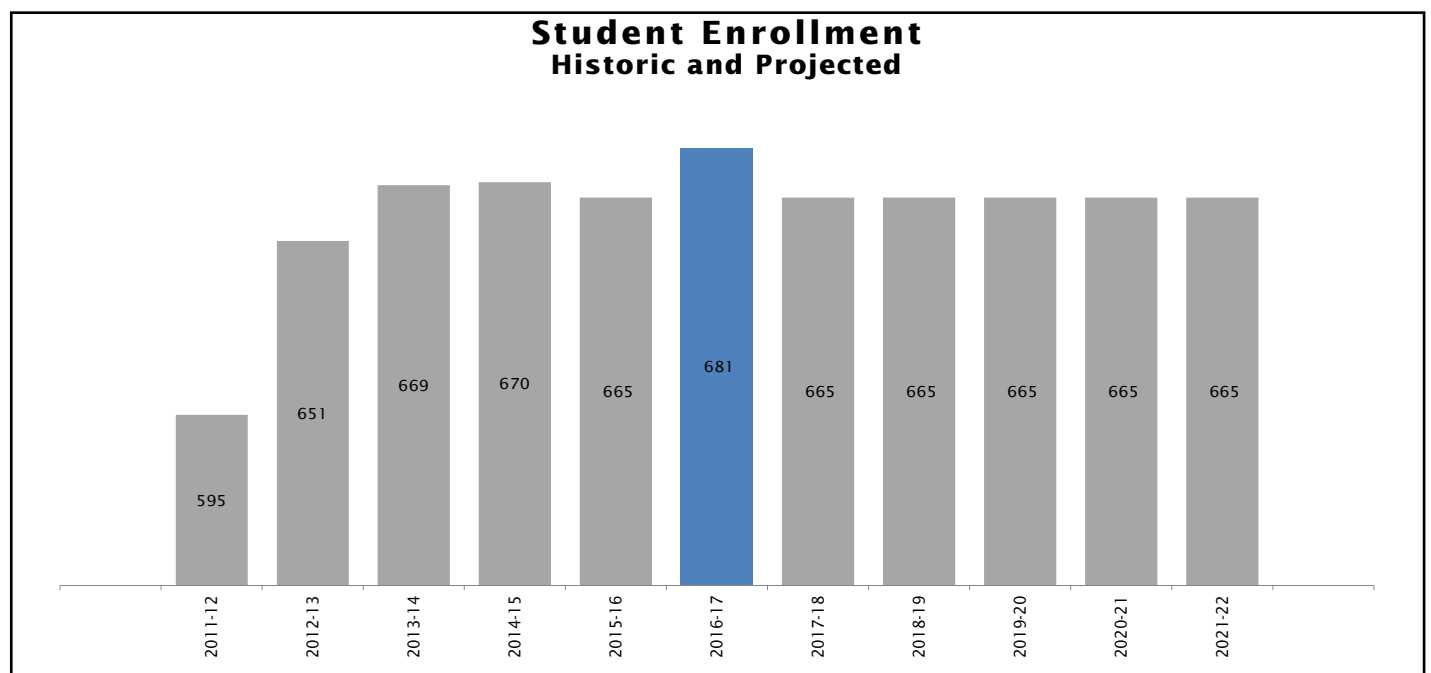
Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$317,725

Estimated Total Project Costs: \$365,384 - \$522,658

Student Enrollment Historic and Projected



Following is the list of identified facility projects at North Star Academy Charter School

Site Component Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	Replace 11 HVAC units	\$200,000	\$20,000-\$86,000	\$10,000-\$43,000
Tier 2	Replace flooring in Art Room	\$6,000	\$600-\$2,580	\$300-\$1,290
	Upgrade irrigation controller	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Repair areas of damaged sidewalk	\$10,000	\$1,000-\$4,300	\$500-\$2,150
Tier 3	Re-work playing field for drainage	\$25,000	\$2,500-\$10,750	\$1,250-\$5,375
	Install access controlled security and detection system	\$4,000	\$400-\$1,720	\$200-\$860
	Install facility security camera system	\$38,000	\$3,800-\$16,340	\$1,900-\$8,170
	Install intrusion alarm system	\$3,000	\$300-\$1,290	\$150-\$645
Tier 4	Fix drainage west of parking lot	\$5,000	\$500-\$2,150	\$250-\$1,075
	Seed/sod areas west and north of playground	\$6,725	\$672-\$2,891	\$336-\$1,445

Estimated Total Construction Costs (in 2017 Dollars): \$317,725
 Estimated Project Management Costs Range: \$31,773 - \$136,622
 Estimated Inflation Range: \$15,886 - \$68,311

Estimated Total Project Costs: \$365,384- \$522,658

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

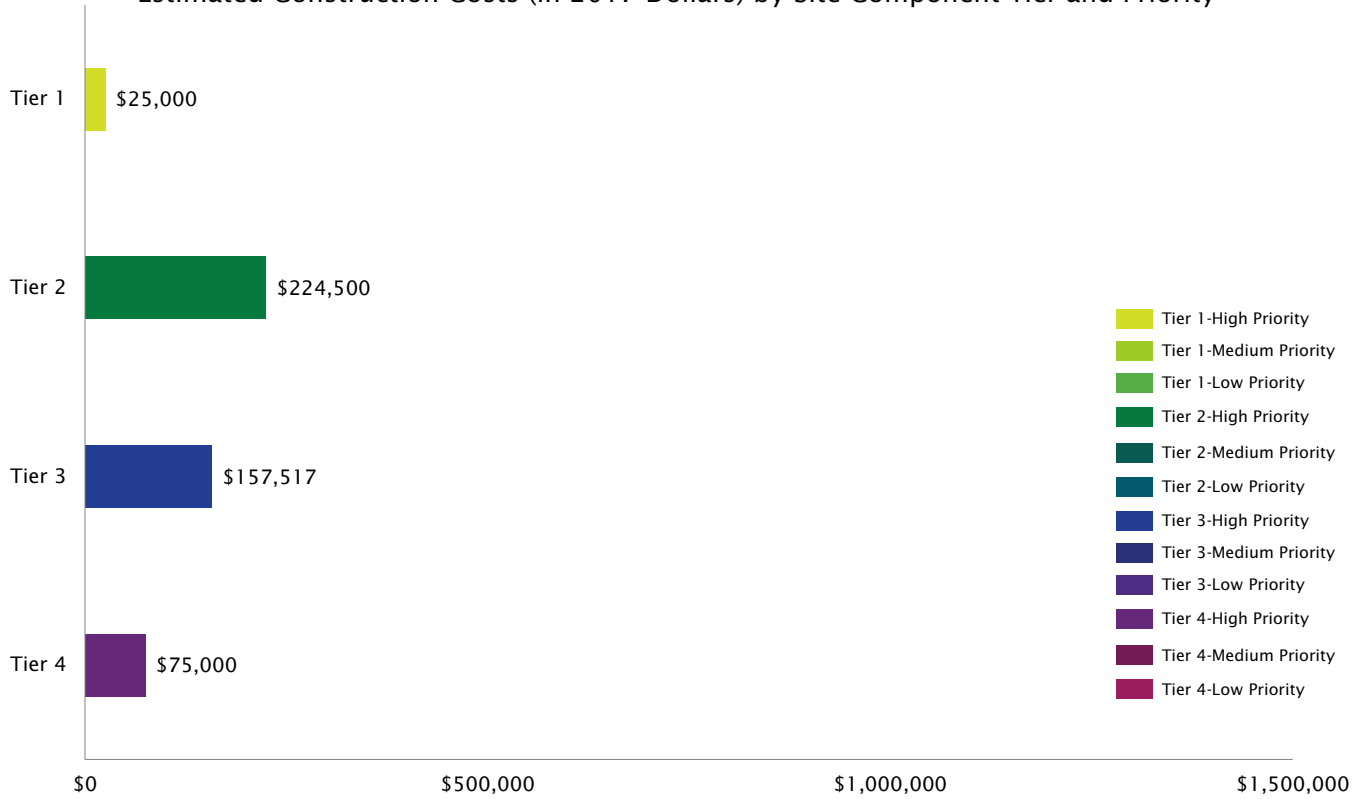
11661 Pine Drive
 Parker, CO 80138
 Chaparral High School Feeder Area, K-8

School built in 2000
 Opened in 2000

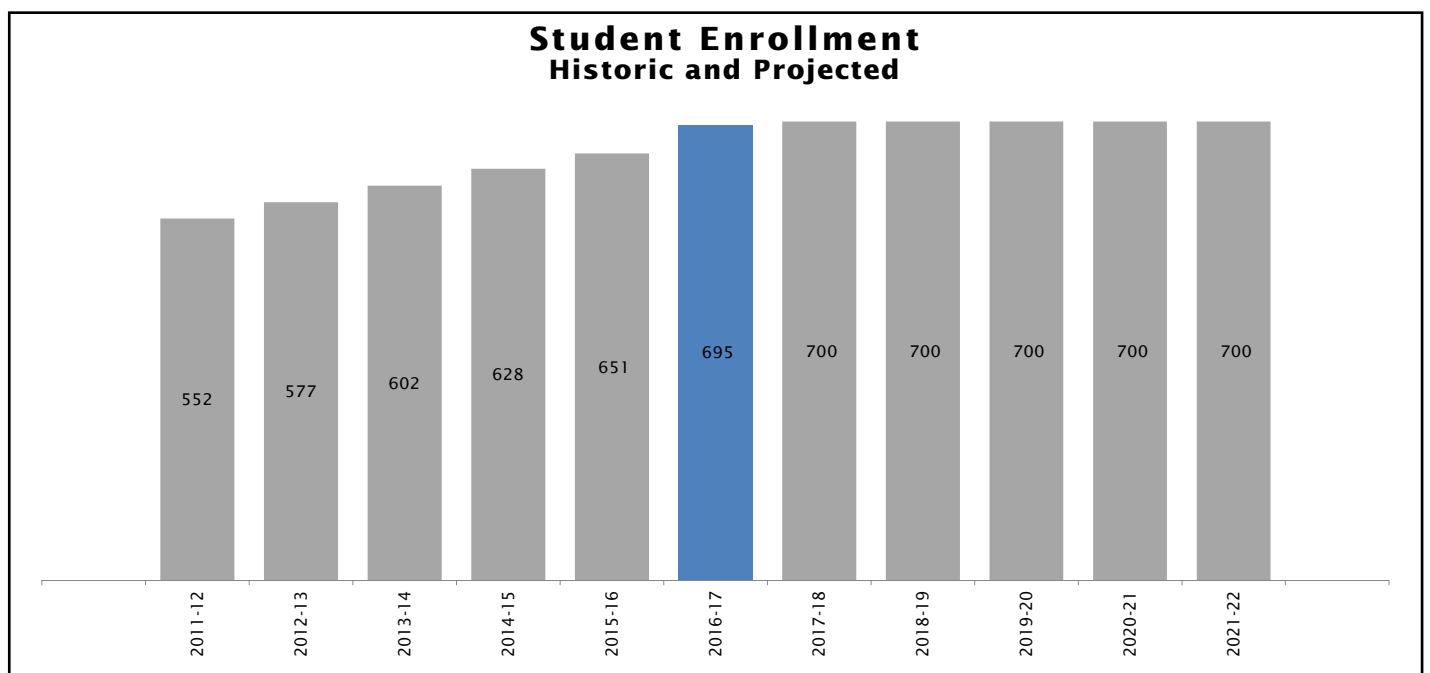
Site Acreage: 6.5
 Facility Square Feet: 53,190

Parker Core Knowledge-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$482,017
Estimated Total Project Costs: \$554,320 - \$792,919



Following is the list of identified facility projects at Parker Core Knowledge Charter School

Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	Replace water heater and piping	\$25,000	\$2,500-\$10,750	\$1,250-\$5,375
Tier 2	Replace toilet partitions, 2 adult, 4 student	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Replace art room casework	\$7,500	\$750-\$3,225	\$375-\$1,612
	Upgrade irrigation system	\$27,000	\$2,700-\$11,610	\$1,350-\$5,805
	Mill and overlay parking lot	\$160,000	\$16,000-\$68,800	\$8,000-\$34,400
	Repair areas of damaged sidewalk	\$10,000	\$1,000-\$4,300	\$500-\$2,150
Tier 3	Install grab bars in staff restroom	\$500	\$50-\$215	\$25-\$107
	Install van-accessible signage	\$2,800	\$280-\$1,204	\$140-\$602
	Upgrade markings and signage	\$12,000	\$1,200-\$5,160	\$600-\$2,580
	Asphalt repairs and crack sealing	\$4,000	\$400-\$1,720	\$200-\$860
	Concrete sidewalk and curb repair	\$5,000	\$500-\$2,150	\$250-\$1,075
	Renovate multi-use field	\$60,000	\$6,000-\$25,800	\$3,000-\$12,900
	Install ramps, etc. playground	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Install access controlled security and detection system	\$26,901	\$2,690-\$11,567	\$1,345-\$5,783
	Install facility security camera system	\$33,626	\$3,362-\$14,459	\$1,681-\$7,229
Install intrusion alarm system	\$2,690	\$269-\$1,156	\$134-\$578	
Tier 4	Replace edging in places, areas around building	\$5,000	\$500-\$2,150	\$250-\$1,075
	Replace dead trees	\$70,000	\$7,000-\$30,100	\$3,500-\$15,050

Estimated Total Construction Costs (in 2017 Dollars): \$482,017
 Estimated Project Management Costs Range: \$48,202 - \$207,267
 Estimated Inflation Range: \$24,101 - \$103,634

Estimated Total Project Costs: \$554,320 - \$792,919

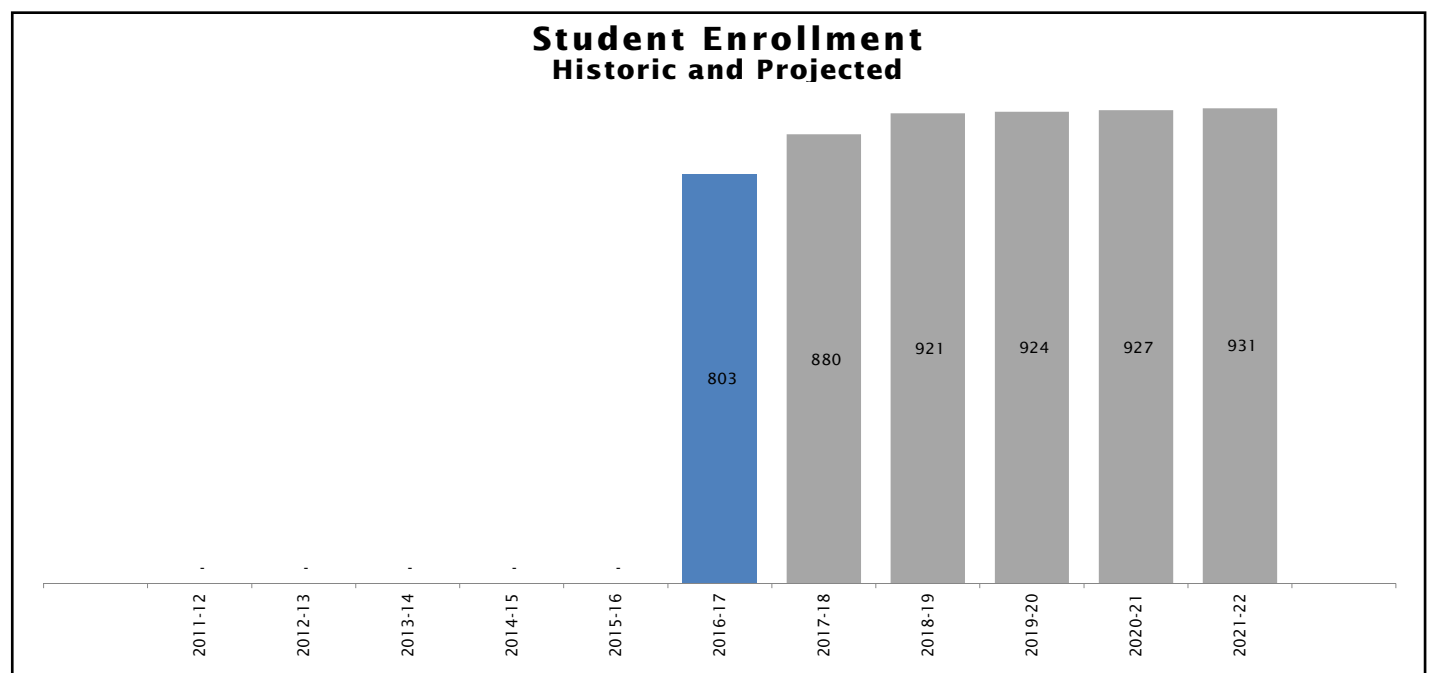
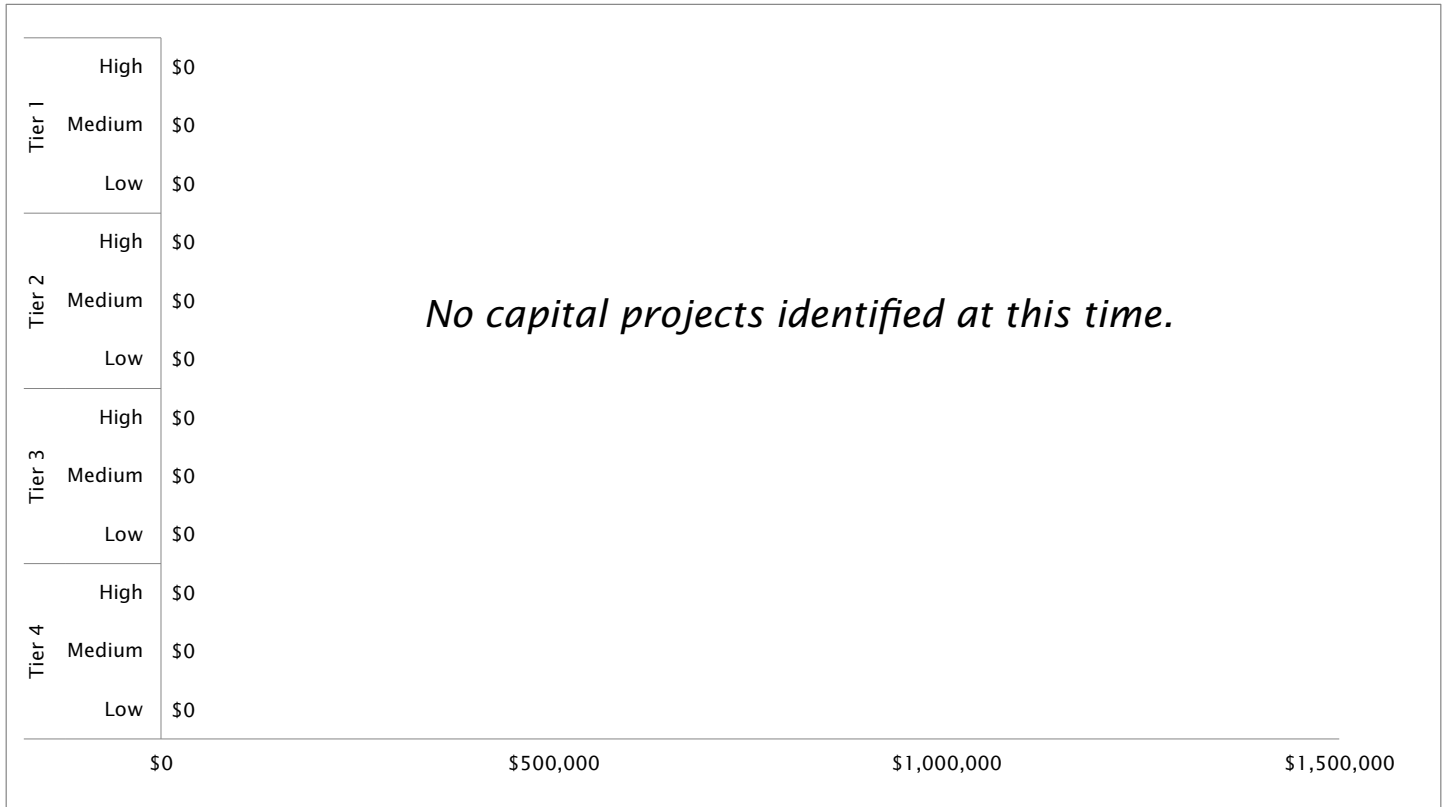
**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

15035 Compark Blvd
 Parker, CO 80134
 Chaparral High School Feeder, K-8

School built in 2016
 Opened in 2016

Site Acreage: 7.2

Parker Performing Arts-Identified Facility Projects
 Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Following is the list of identified facility projects at Parker Performing Arts Charter School

Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs

No capital projects identified at this time.

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

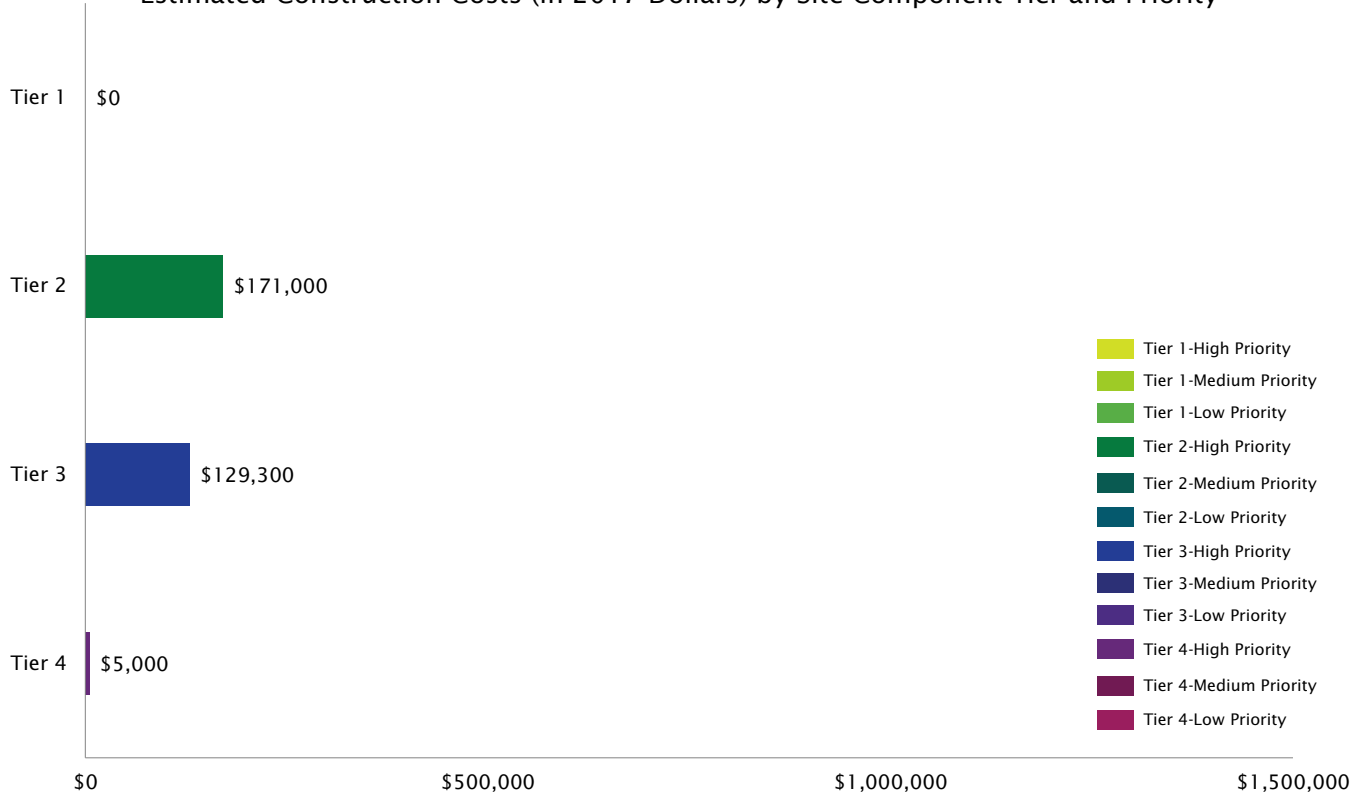
4085 Lark Sparrow Street
 Highlands Ranch, CO 80126
 Highlands Ranch High School
 Feeder Area, K-8

School built in 1997
 Opened in 2003

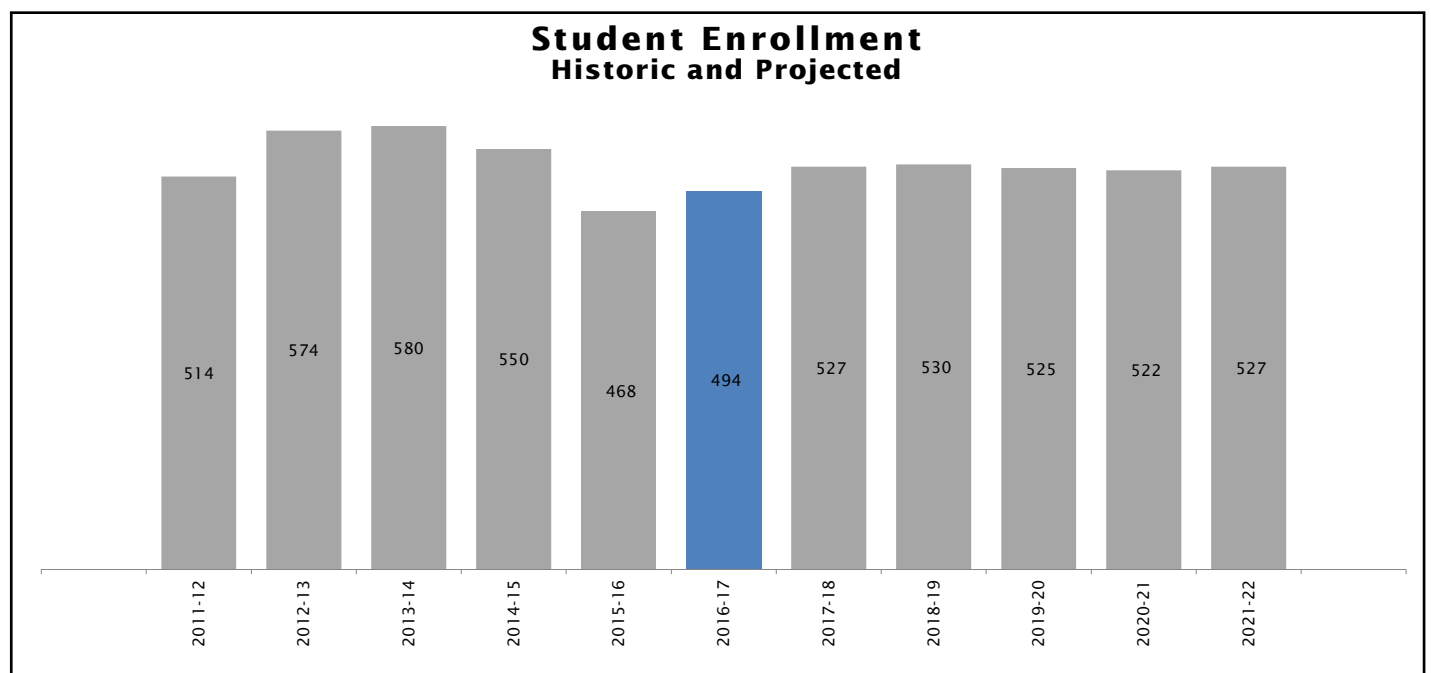
Site Acreage: 5.28
 Facility Square Feet: 35,533

Platte River Academy-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$305,300
Estimated Total Project Costs: \$351,095 - \$502,219



Following is the list of identified facility projects at Platte River Academy Charter School

Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 2	Resurface gym floor	\$23,000	\$2,300-\$9,890	\$1,150-\$4,945
	Replace classroom, hallway, entry-way carpet and VCT	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Install Handicap door opener at front door.	\$8,000	\$800-\$3,440	\$400-\$1,720
	Mill and overlay parking lot	\$100,000	\$10,000-\$43,000	\$5,000-\$21,500
	Repair areas of sidewalk	\$6,000	\$600-\$2,580	\$300-\$1,290
	Replace art room and science room countertop	\$4,000	\$400-\$1,720	\$200-\$860
	Repair slab heaving in three classrooms on the north end of the building	\$10,000	\$1,000-\$4,300	\$500-\$2,150
Tier 3	12-Install enclosed space in Library for 15-20 students	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Additional storage space outside (Sheds)	\$15,000	\$1,500-\$6,450	\$750-\$3,225
	Upgrade irrigation controller	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Replace/add parking lot signage	\$5,000	\$500-\$2,150	\$250-\$1,075
	Maintenance work on playing field (drainage, aerate, seeding, top dress)	\$15,000	\$1,500-\$6,450	\$750-\$3,225
	Install access controlled security and detection system	\$13,500	\$1,350-\$5,805	\$675-\$2,902
	Install facility security camera system	\$34,000	\$3,400-\$14,620	\$1,700-\$7,310
Tier 4	Install intrusion alarm system	\$6,800	\$680-\$2,924	\$340-\$1,462
	Fencing around gas meter and transformer. Per CDE Audit	\$5,000	\$500-\$2,150	\$250-\$1,075

Estimated Total Construction Costs (in 2017 Dollars): \$305,300
 Estimated Project Management Costs Range: \$30,530 - \$131,279
 Estimated Inflation Range: \$15,265 - \$65,640

Estimated Total Project Costs: \$351,095 - \$502,219

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

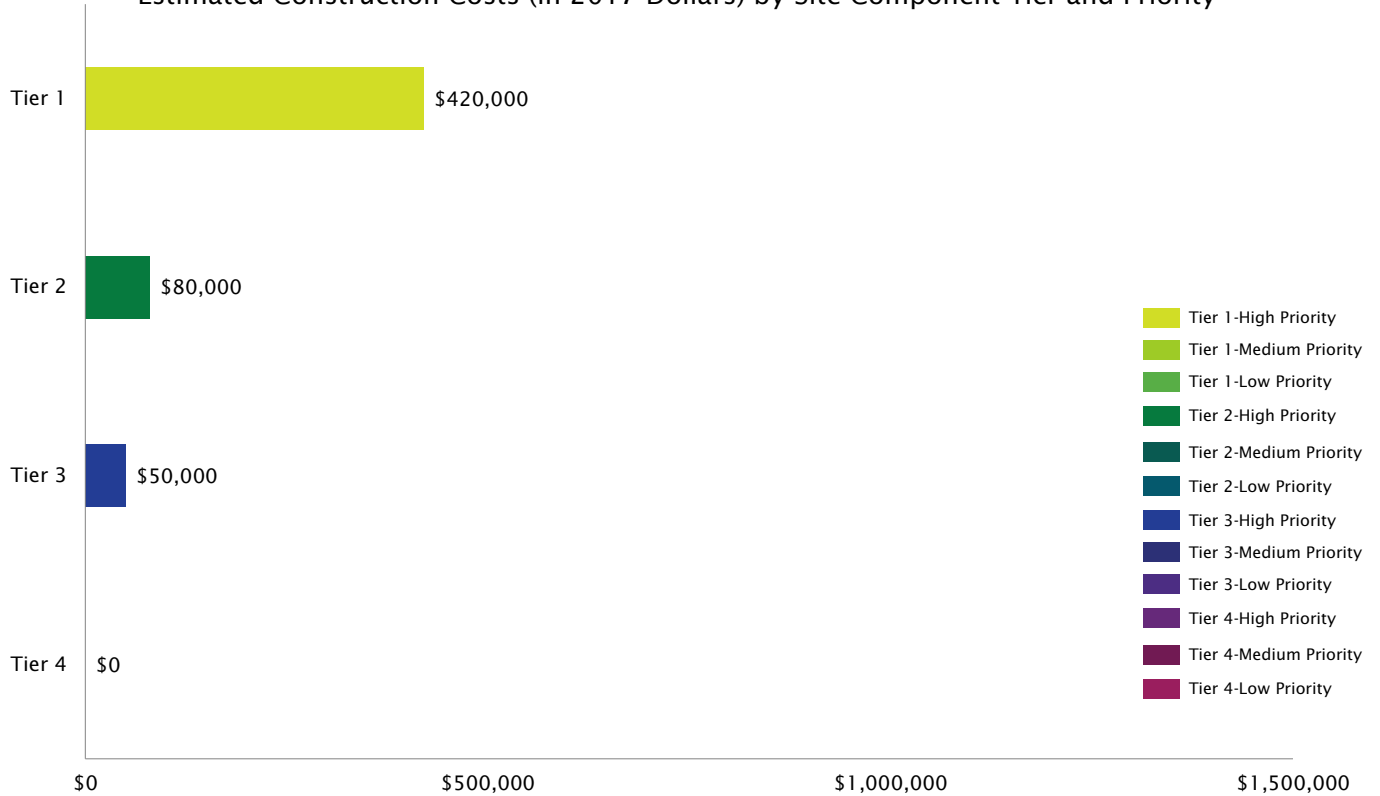
6161 Business Center Drive
 Highlands Ranch, CO 80132
 Highlands Ranch High School
 Feeder Area, K-12

Opened in 2010

Site Acreage: 14
 Facility Square Feet: 110,000

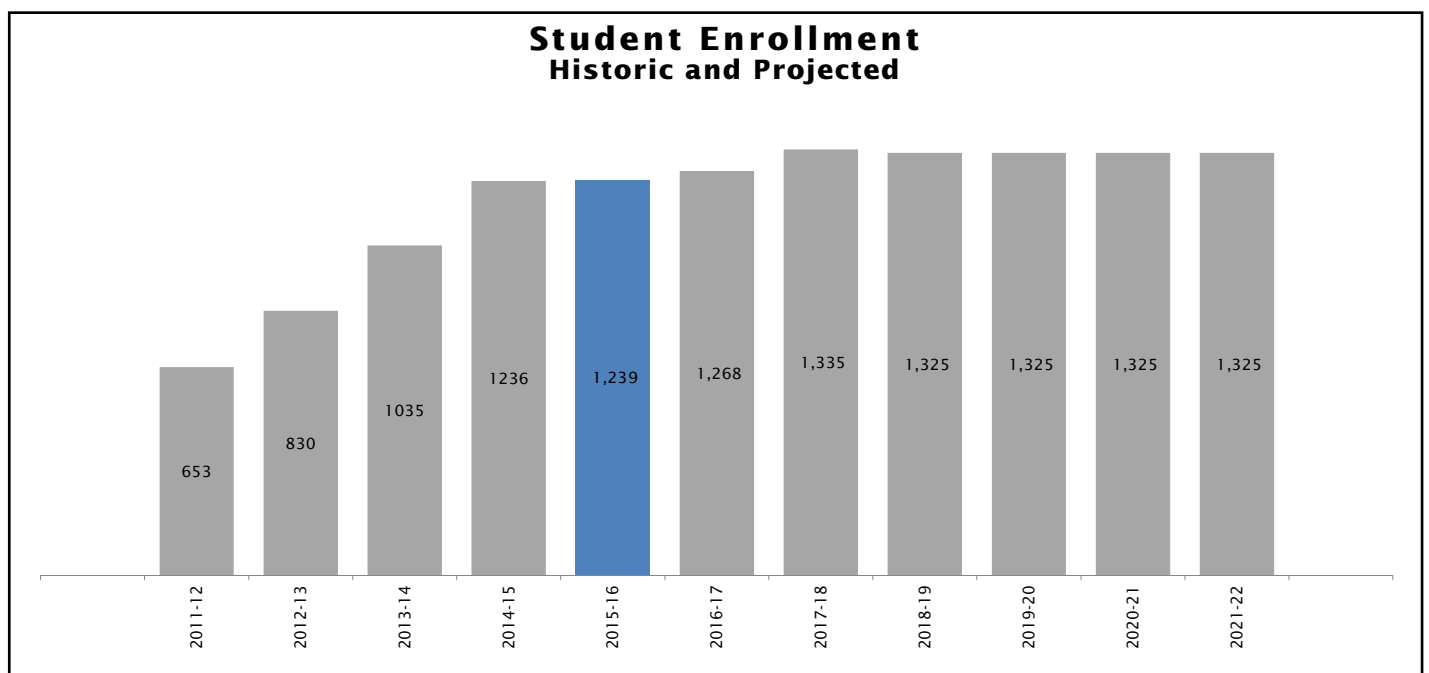
Sky View Academy-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$550,000

Estimated Total Project Costs: \$632,500 - \$904,750



Following is the list of identified facility projects at SkyView Academy Charter School

Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	Roof Replacement - 110K sq. feet	\$400,000	\$40,000-\$172,000	\$20,000-\$86,000
	Fire Sprinkler Replacement - 2/3 of the system left to replace	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
Tier 2	Grading and paving on the north and south parking lots	\$80,000	\$8,000-\$34,400	\$4,000-\$17,200
Tier 3	Install 4-6 site lighting poles at NE field	\$50,000	\$5,000-\$21,500	\$2,500-\$10,750

Estimated Total Construction Costs (in 2017 Dollars): \$550,000
 Estimated Project Management Costs Range: \$55,000 - \$236,500
 Estimated Inflation Range: \$27,500 - \$118,250

Estimated Total Project Costs: \$632,500 - \$904,750

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*

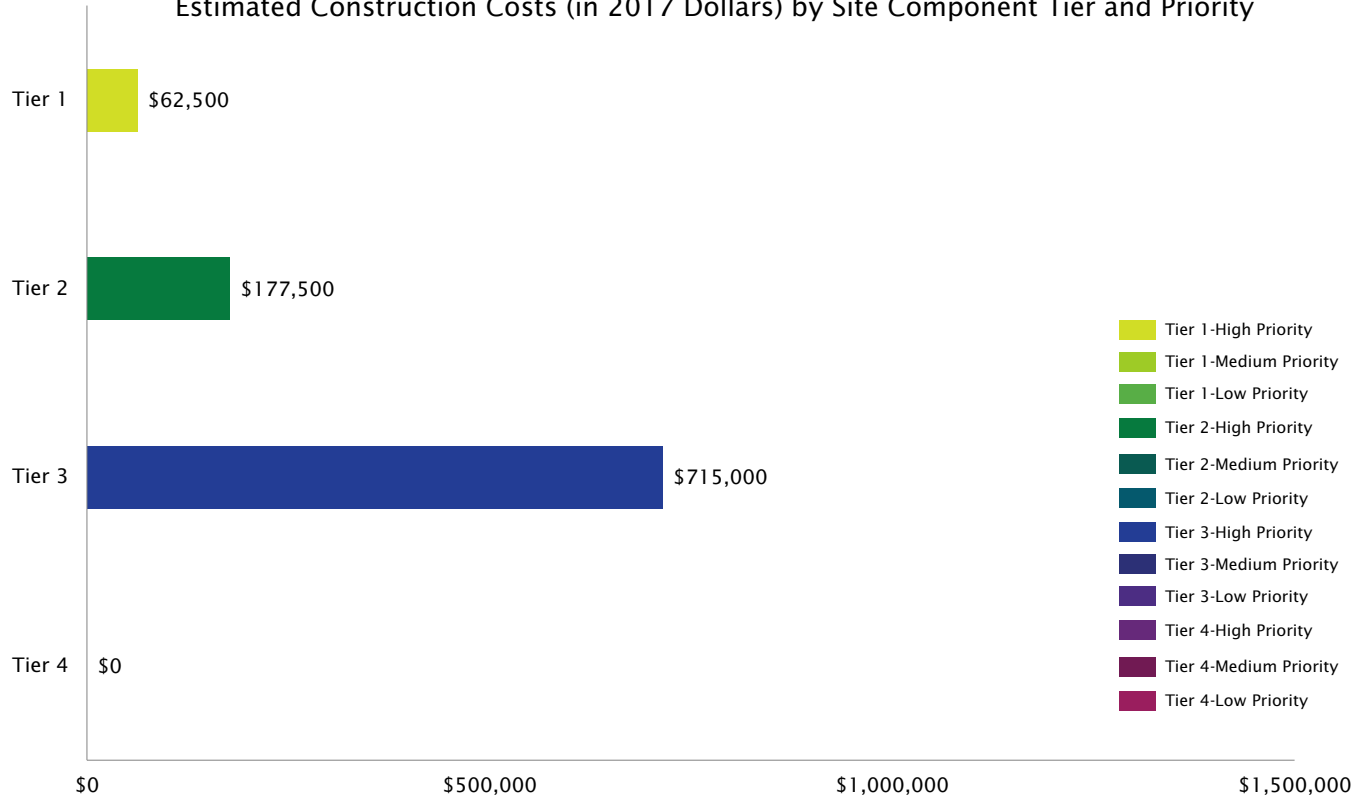
8773 Ridgeline Boulevard
 Highlands Ranch, CO 80129
 Mountain Vista High School Feeder
 Area, K-12

Opened in 2011

Site Acreage: 10
 Facility Square Feet: 134,000

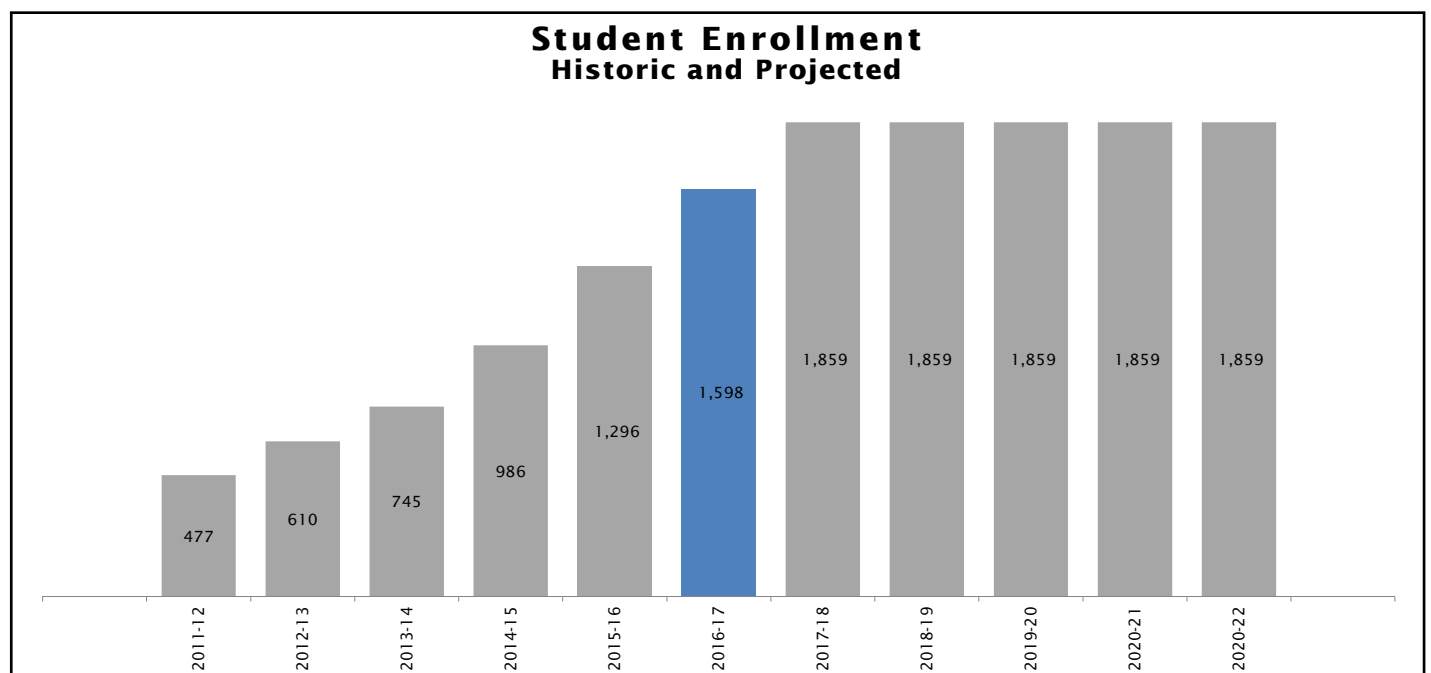
STEM School and Academy-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



Estimated Total Construction Costs (in 2017 Dollars): \$955,000

Estimated Total Project Costs: \$1,098,250 - \$1,570,975



Following is the list of identified facility projects at STEM School and Academy Charter School

Tier	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs
Tier 1	Replace roof	\$300,000	\$30,000-\$129,000	\$15,000-\$64,500
	Replace water heater and associated piping	\$15,000	\$1,500-\$6,450	\$750-\$3,225
	Replace original roof top units 1-12	\$250,000	\$25,000-\$107,500	\$12,500-\$53,750
	Replace original exhaust fans	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Install new control system when new roof top units installed	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Install new switchgear	\$30,000	\$3,000-\$12,900	\$1,500-\$6,450
	Replace panels and transformers from the original building	\$40,000	\$4,000-\$17,200	\$2,000-\$8,600
	Install new fire alarm panel	\$50,000	\$5,000-\$21,500	\$2,500-\$10,750
Tier 2	Replace original toilet partitions	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Replace original sink countertops	\$15,000	\$1,500-\$6,450	\$750-\$3,225
	Replace flooring in hallway and classrooms	\$20,000	\$2,000-\$8,600	\$1,000-\$4,300
	Replace sheet vinyl in one restroom	\$5,000	\$500-\$2,150	\$250-\$1,075
	Replace carpet	\$50,000	\$5,000-\$21,500	\$2,500-\$10,750
	Replace original sinks	\$2,500	\$250-\$1,075	\$125-\$537
	Mill and overlay parking lot	\$75,000	\$7,500-\$32,250	\$3,750-\$16,125
Tier 3	Recaulk prestress concrete wall joints	\$10,000	\$1,000-\$4,300	\$500-\$2,150
	Paint exterior	\$15,000	\$1,500-\$6,450	\$750-\$3,225
	Recaulk windows to stop leaks	\$7,500	\$750-\$3,225	\$375-\$1,612
	Replace original ceiling grid and tile	\$25,000	\$2,500-\$10,750	\$1,250-\$5,375
	Replace irrigation controller	\$5,000	\$500-\$2,150	\$250-\$1,075

Estimated Total Construction Costs (in 2017 Dollars): \$955,000
 Estimated Project Management Costs Range: \$95,500 - \$410,650
 Estimated Inflation Range: \$47,750 - \$205,325

Estimated Total Project Costs: \$1,098,250 - \$1,570,975

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*



Want to learn more about this school? Click on the school name to view information on programming, performance, and parent involvement.

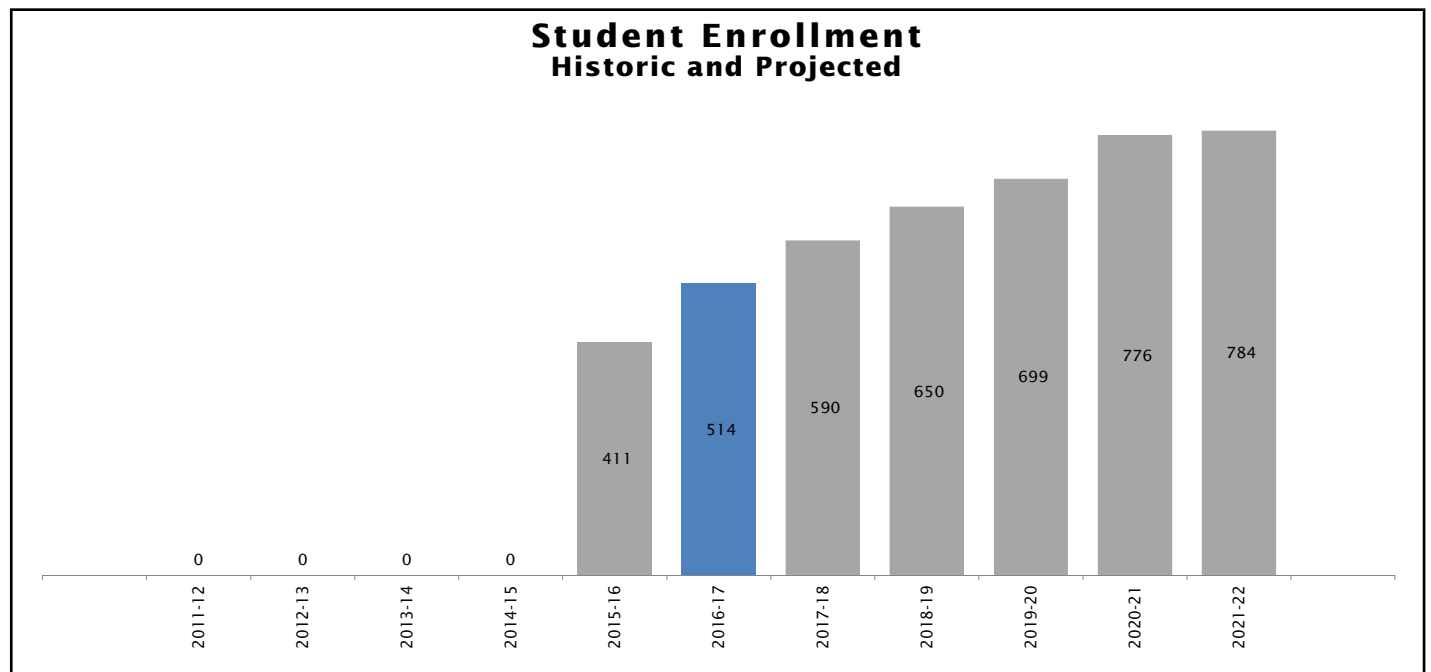
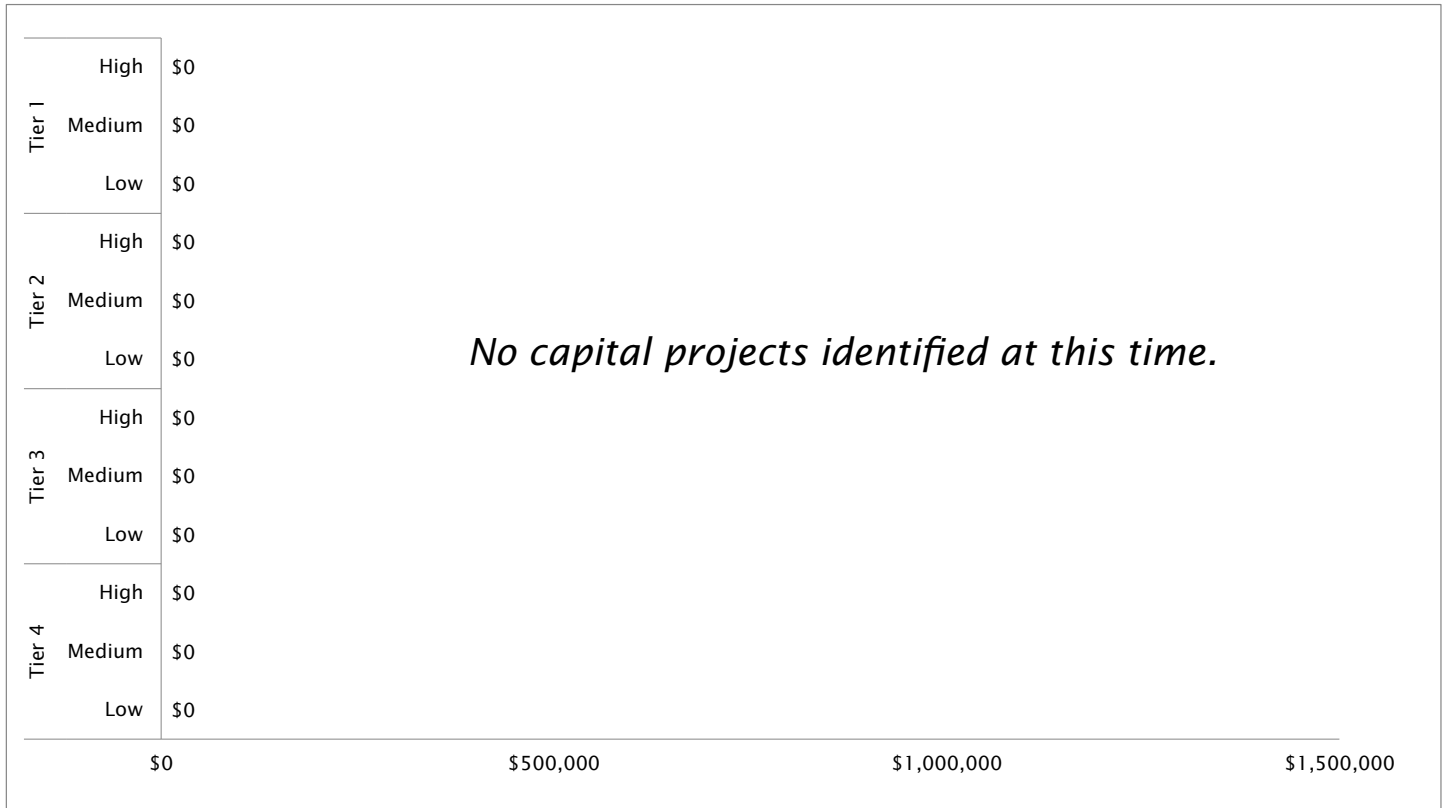
2490 South Perry Street
 Castle Rock, CO 80104
 Douglas County High School Feeder Area, K-6

Opened in 2015

Site Acreage: 7
 Facility Square Feet: 39,663

World Compass Academy-Identified Facility Projects

Estimated Construction Costs (in 2017 Dollars) by Site Component Tier and Priority



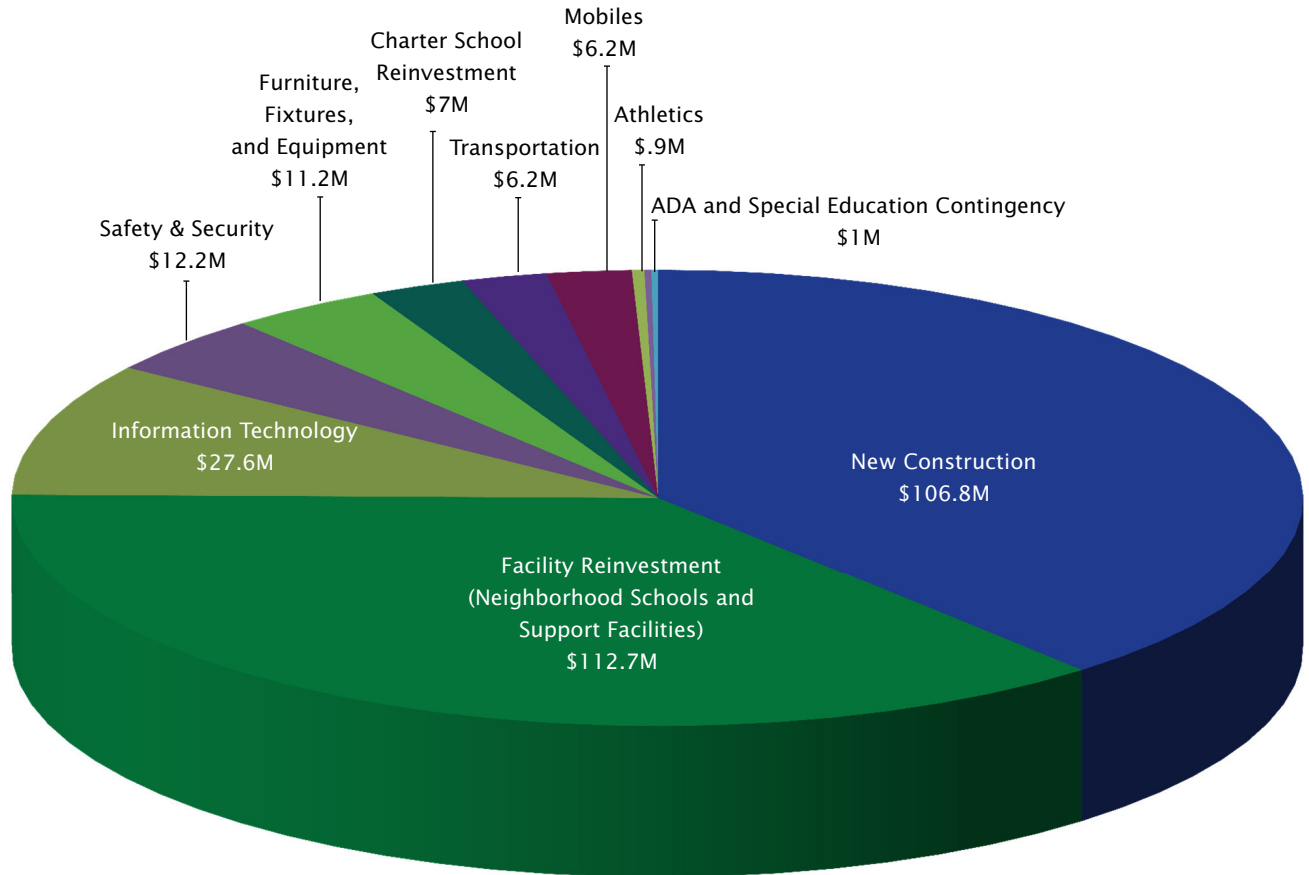
Tier	Priority	Project Description	Estimated Construction Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	
		<i>No capital projects identified at this time.</i>				

**Note* DCSD Charters can submit facility and infrastructure needs to the Planning & Construction department. While efforts continue to update assessments, DCSD does not guarantee the accuracy or completeness of the data provided by Charters. Prioritization of facility needs is based upon DCSD standards. These classifications may not reflect Charter preference and/or program needs. Charter schools currently fund their own capital needs.*



2017-2022 Capital Needs

Estimated Cost (in 2017 Dollars)



Capital Item	Estimated Capital Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Total Project Cost
New Construction (1-5 Years, DCSD Standards)	\$106,766,097	\$0-\$0	\$0-\$0	\$106,766,097
Facility Reinvestment-Neighborhood Schools, Support Facilities	\$112,699,500	\$11,347,000-\$48,543,900	\$5,634,975-\$24,230,397	\$129,681,475-\$185,473,797
Information Technology	\$27,550,000	\$0	\$0	\$27,550,000
Safety & Security	\$12,217,870	\$407,209	\$0	\$12,625,079
FF&E	\$11,190,000	\$1,119,000-\$3,357,000	\$559,500-\$2,405,850	\$12,868,500-\$16,952,850
Charter Schools	\$6,980,839	\$698,084-\$3,001,761	\$349,042-\$1,500,880	\$8,027,965-\$11,483,480
Transportation	\$6,221,000	\$0	\$0	\$6,221,000
Mobiles	\$6,200,000	\$0	\$310,000-\$1,333,000	\$6,510,000-\$7,533,000
Athletics	\$907,800	\$90,800-\$272,400	\$45,390-\$195,177	\$1,043,990-\$1,375,377
ADA Contingency	\$500,000	\$0	\$25,000-\$107,500	\$525,000-\$607,500
SPED Contingency	\$500,000	\$0	\$25,000-\$107,500	\$525,000-\$607,500

Estimated Cost (in 2017 Dollars): \$291,733,106

Estimated Project Management Costs Range: \$13,662,093 - \$55,582,270

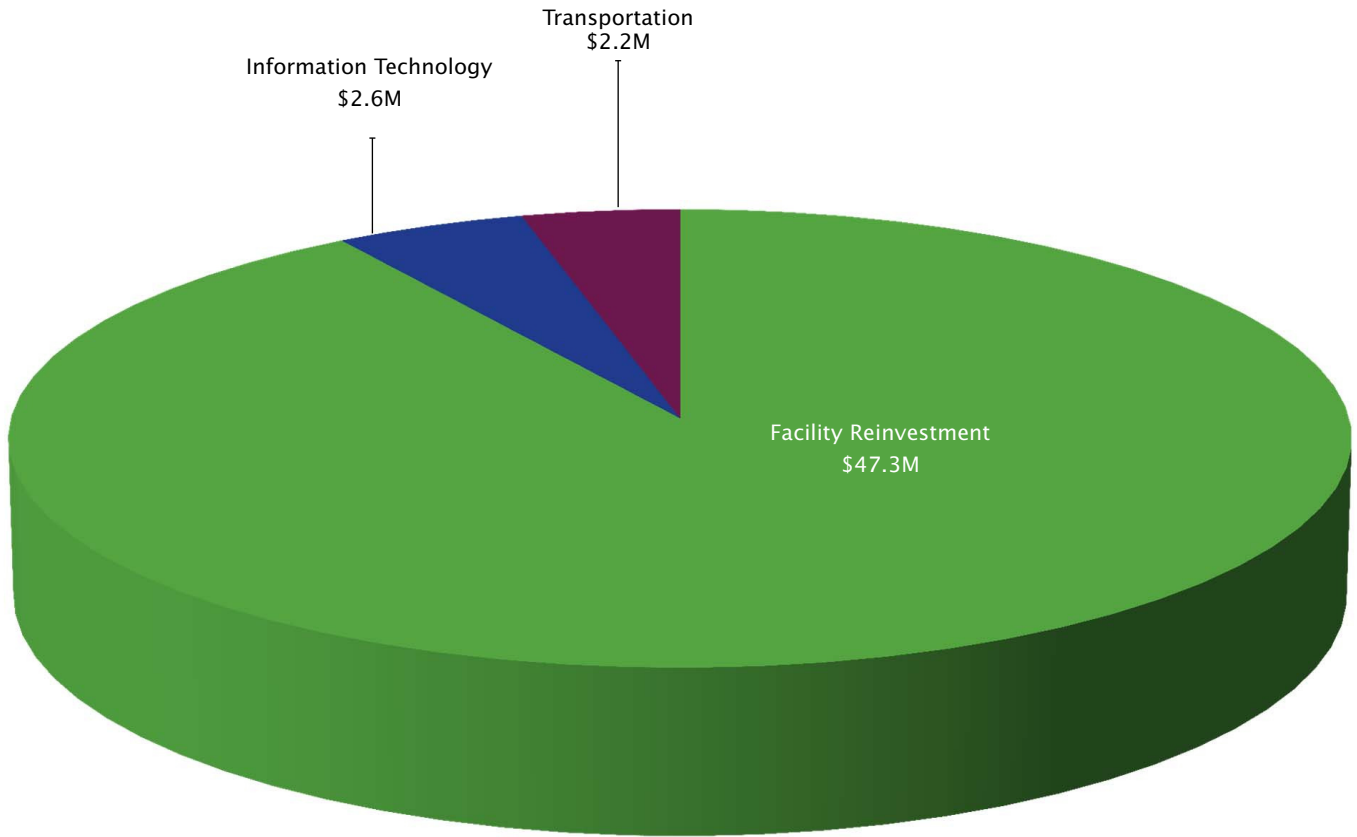
Estimated Inflation Range: \$6,948,907 - \$29,880,304

Estimated Total Cost: \$312,344,106 - \$377,195,680



2017-2022 Tier 1-High Priority Items

Estimated Cost (in 2017 Dollars)



Capital Item	Estimated Capital Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Total Project Cost
Facility Reinvestment-Neighborhood Schools, Support Facilities	\$47,272,900	\$4,741,200-\$20,341,200	\$2,363,645-\$10,163,674	\$54,377,745-\$77,777,774
Information Technology	\$2,600,000	\$0-\$0	\$0-\$0	\$2,600,000
Transportation	\$2,158,000	\$0-\$0	\$0-\$0	\$2,158,000

Estimated Cost (in 2017 Dollars): \$52,030,900

Estimated Project Management Costs Range: \$4,741,200 - \$20,341,200

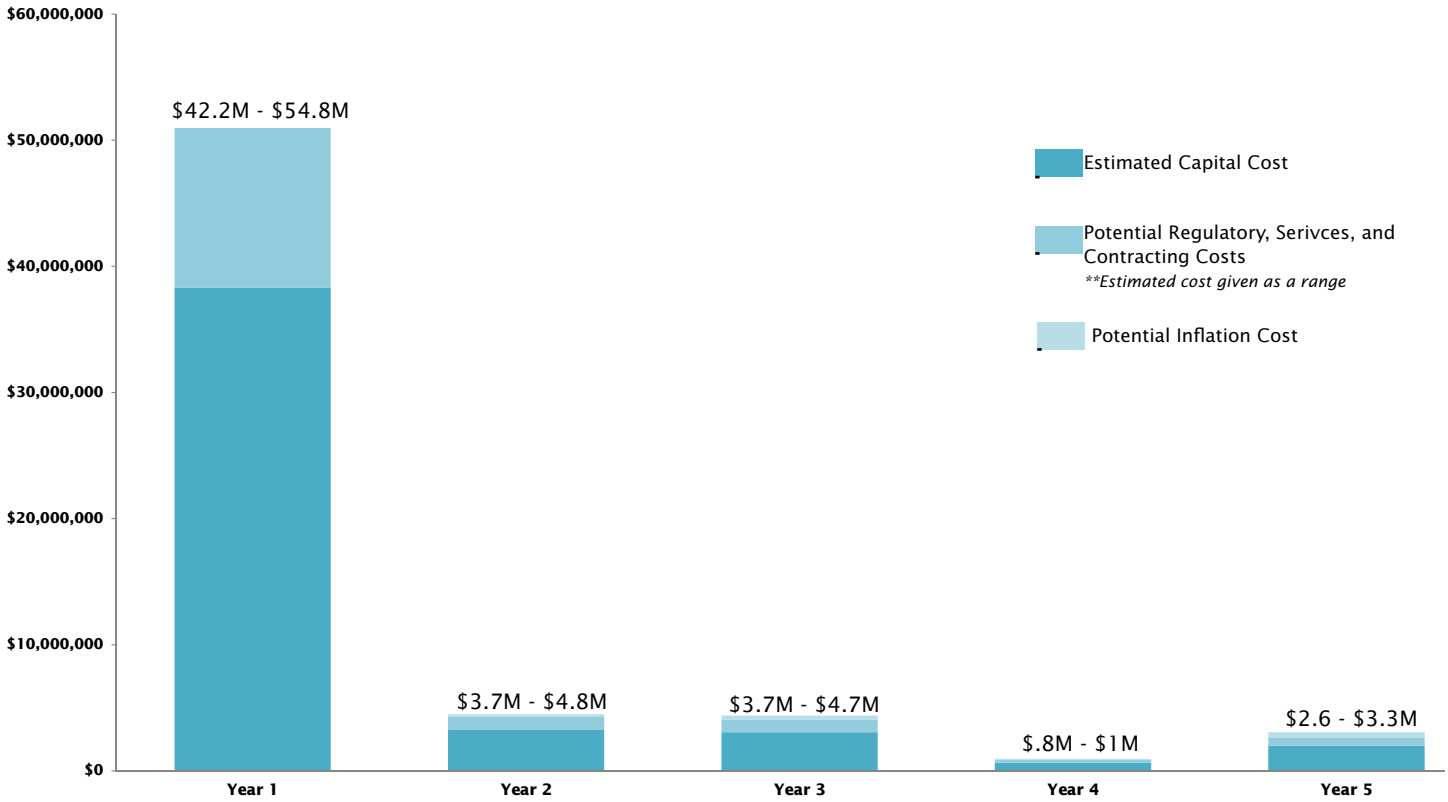
Estimated Inflation Range: \$2,363,645 - \$10,163,674

Estimated Total Cost: \$59,135,745 - \$82,535,774



2017-2022 Tier 1-High Priority Facility Reinvestment by Year

Estimated Construction Costs (in 2017 Dollars)



Year	Estimated Capital Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Total Project Cost
Year 1	\$38,326,500	\$3,842,900 - \$16,491,200	\$0	\$42,169,400- \$54,817,700
Year 2	\$3,249,900	\$327,000 - \$1,399,700	\$162,495	\$3,739,395 - \$4,812,095
Year 3	\$3,058,100	\$306,400 - \$1,315,300	\$313,455	\$3,677,955 - \$4,686,855
Year 4	\$653,800	\$65,600 - \$281,200	\$103,300	\$822,700 - \$1,038,300
Year 5	\$1,984,600	\$199,100 - \$853,800	\$426,689	\$2,610,389 - \$3,265,089

Estimated Construction Costs (in 2017 Dollars): \$47,272,900

Estimated Project Management Costs Range: \$4,741,000 - \$20,341,200

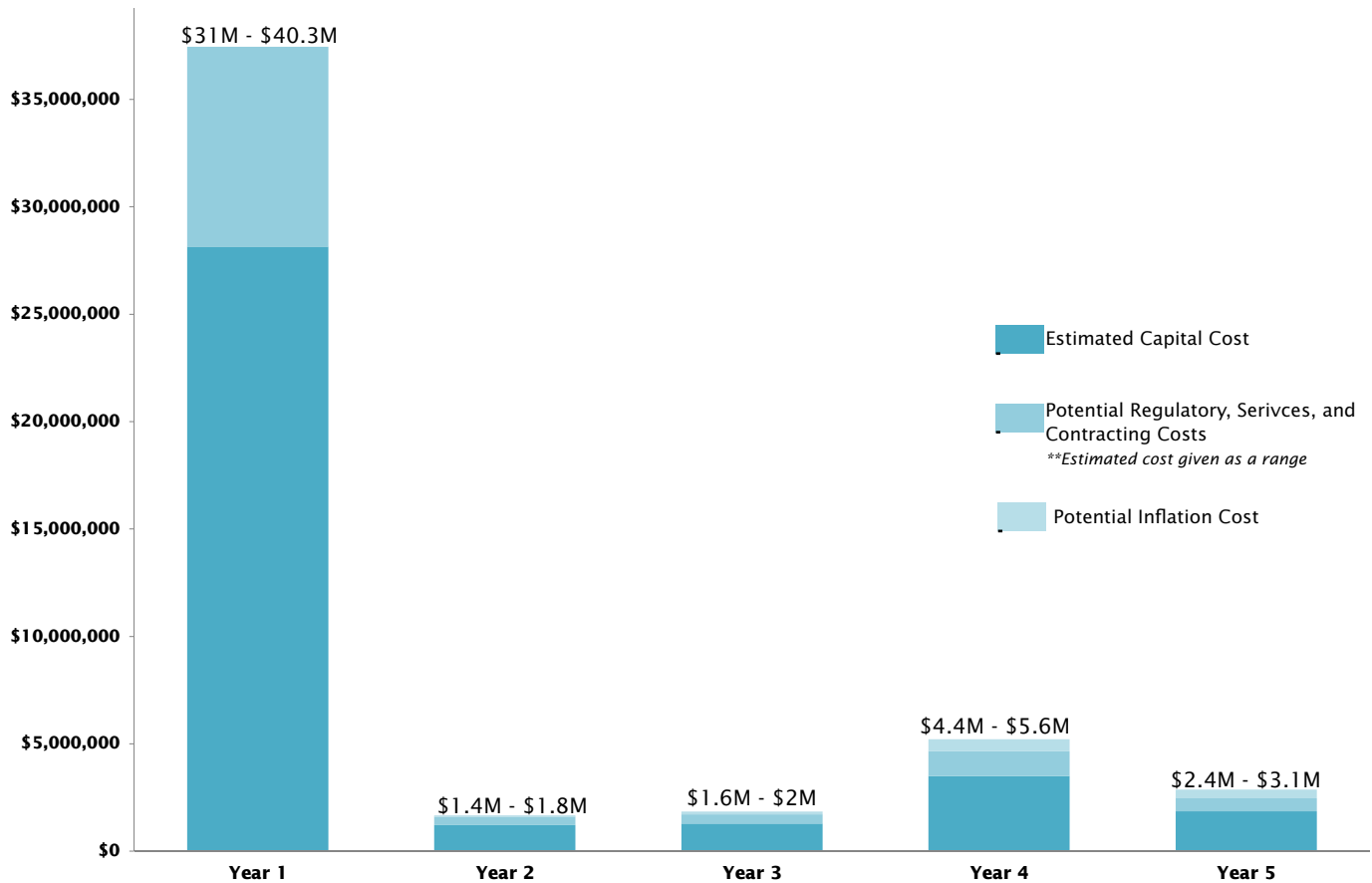
Estimated Inflation Costs: \$1,005,940

Estimated Total Project Costs: \$53,019,840 - \$68,620,040



2017-2022 Items That May Interrupt the Education Program by Year

Estimated Construction Costs (in 2017 Dollars)



Year	Estimated Capital Cost-2017	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Total Project Cost
Year 1	\$28,155,500	\$2,000,100 - \$8,588,200	\$0	\$30,976,700-\$40,268,600
Year 2	\$1,212,900	\$769,000 - \$3,305,300	\$384,245	\$1,395,445-\$1,795,645
Year 3	\$1,291,000	\$56,200 - \$241,500	\$57,523	\$1,552,728-\$1,978,928
Year 4	\$3,500,500	\$0	\$0	\$4,403,879-\$5,559,079
Year 5	\$1,855,000	\$0	\$0	\$2,439,325-\$3,051,625

Estimated Total Construction Costs (in 2017 Dollars): \$36,014,900

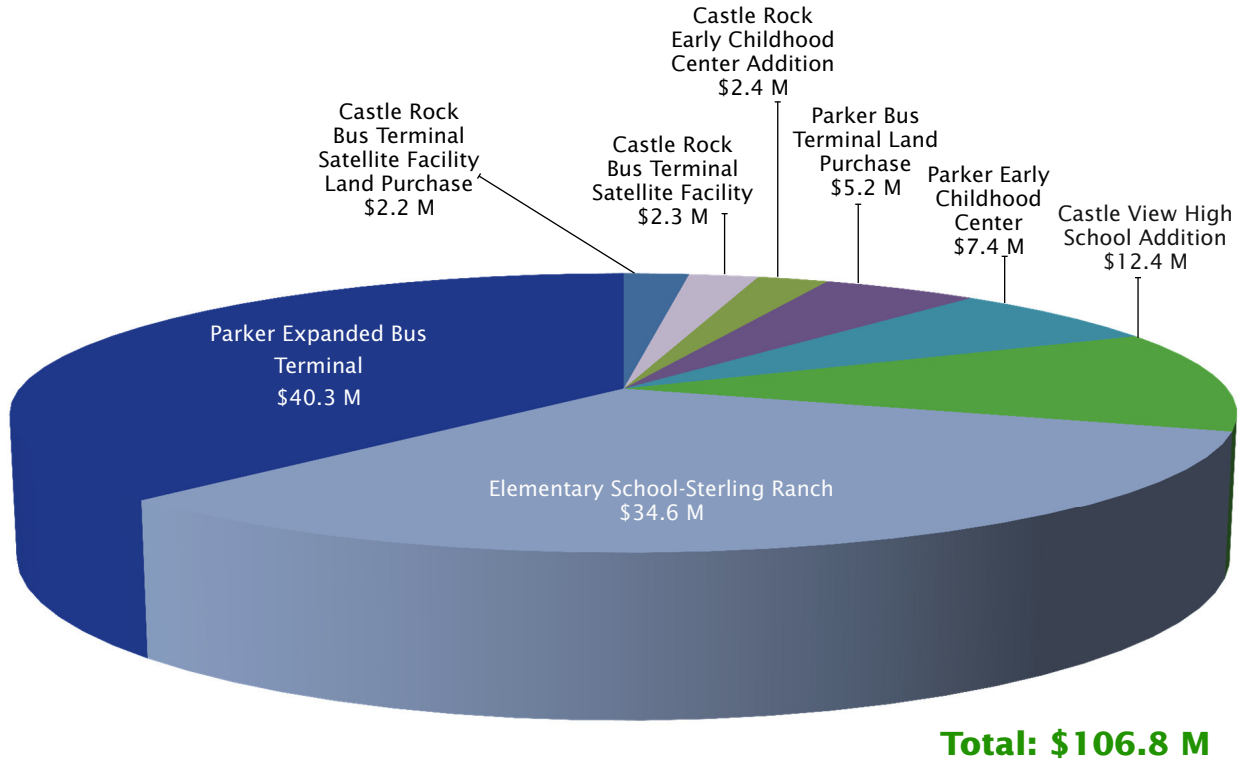
Estimated Project Management Costs Range: \$3,608,300 - \$15,494,100

Estimated Inflation Costs: \$1,144,877

Estimated Total Project Cost: \$40,768,077 - \$52,653,877

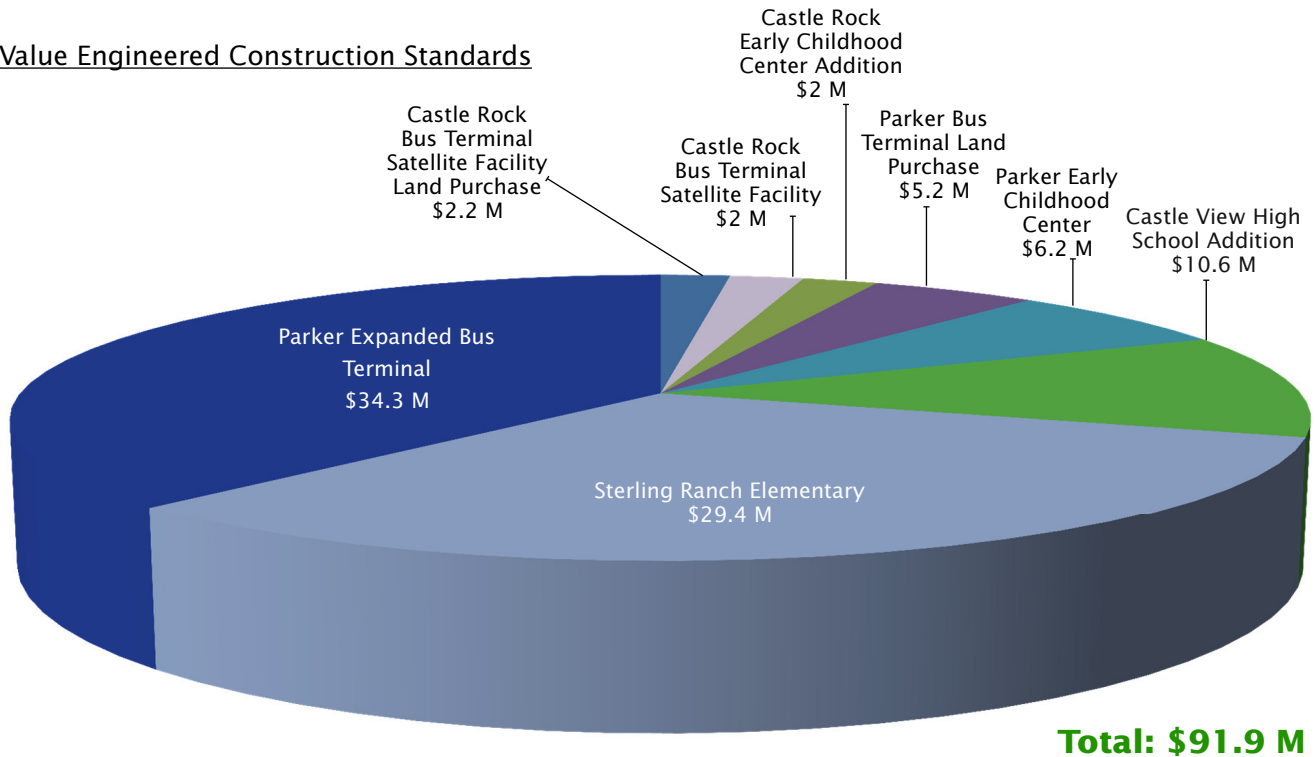
2017-2022 New Construction

Current DCSD Construction Standards



Note* Total estimated costs for new construction include estimates for inflation and project management costs. Inflation is assumed at 5% per year. To open a building in year 4 of the 2017-2022 outlook, the majority of costs will be paid in year 2 or 3. Therefore, cost including the inflation factor is total building programmatic costs multiplied by 1.16. Of the total estimated \$106.8 M of need shown above, approximately **\$13.7 M of that is estimated inflation.*

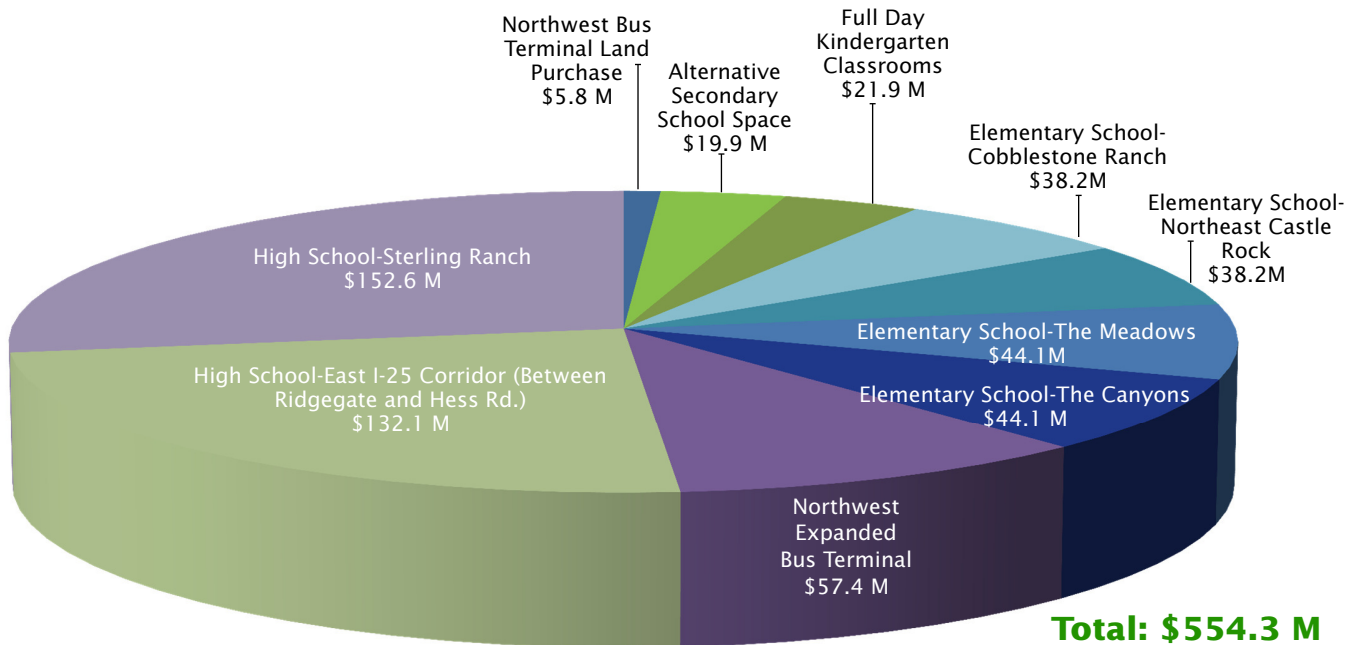
Value Engineered Construction Standards



Note* Total estimated costs for new construction include estimates for inflation and project management costs. Inflation is assumed at 5% per year. To open a building in year 4 of the 2017-2022 outlook, the majority of costs will be paid in year 2 or 3. Therefore, cost including the inflation factor is total building programmatic costs multiplied by 1.16. Of the total estimated \$91.9 M of need shown above, approximately **\$11.6 M of that is estimated inflation.*

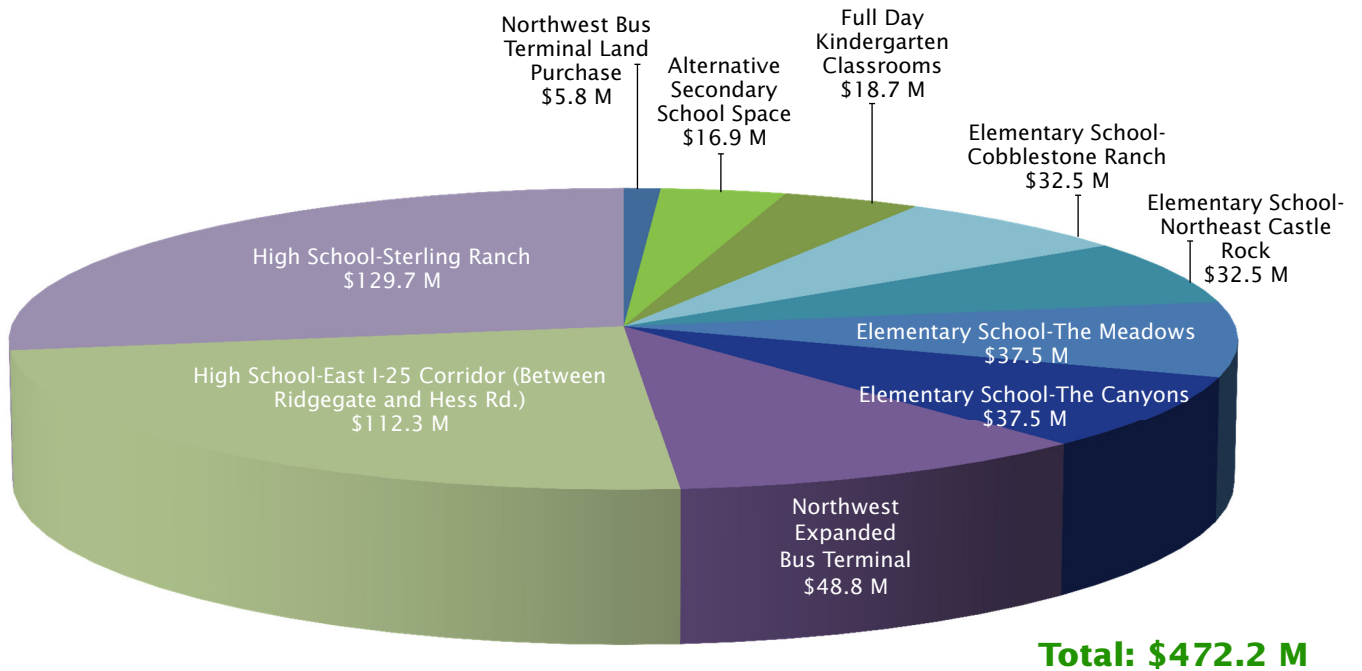
2022-2027 New Construction

Current DCSD Construction Standards



Note* Total estimated costs for new construction include estimates for inflation and project management costs. Inflation is assumed at 5% per year. To open a building in year 9 of the 2017-2027 outlook, the majority of costs will be paid in year 7 or 8. Some facilities are anticipated to be needed earlier than year 9. Inflation was calculated appropriately in these instances. Of the total estimated \$554.3 M of need shown above, approximately **\$155.9 M of that is estimated inflation.*

Value Engineered Construction



Note* Total estimated costs for new construction include estimates for inflation and project management costs. Inflation is assumed at 5% per year. To open a building in year 9 of the 2017-2027 outlook, the majority of costs will be paid in year 7 or 8. Some facilities are anticipated to be needed earlier than year 9. Inflation was calculated appropriately in these instances. Of the total estimated \$472.2 M of need shown above, approximately **\$132.5 M of that is estimated inflation.*



Appendix 1 History of Capital Improvements

Appendix 1: History of Capital Improvements Neighborhood, Magnet and Alternative Schools

Acres Green Elementary

1990 3,100 SF Addition	2004 Security Cameras/Radios	2011 White Boards
1995 Drainage	2004 Technology Improvements	2012 Flooring Replacement
1997 Drainage/Fire Hydrant	2005 Roof Replacement	2013 Daylighting Enhancement
1998 Air Conditioning	2005 Student Bathrooms	2014 Resurface Gymnasium Floor
2000 2,600 SF Addition	2005 Security Access Control	2016 Smoke Detectors & Horn Strobe Replacement
2000 Playground Improvements	2008 Elevator	2016 Replace Electrical Switchgear, Transformers, & Panels

Arrowwood Elementary

2004 Mechanical Repair	2004 Security Access Control	2013 Resurface Paved Areas
2004 Movement Repair	2010 Carpet Replacement	2014 Clock System
2004 Technology Improvements	2011 Carpet Replacement	2014 Mechanical System Automated Controls
2004 Security Cameras/Radios	2012 Tile Replacement	2014 Carpet

Bear Canyon Elementary

1996 Parking Lot Improvements	2003 Make-up Air	2004 Security Access Control
1997 Air Conditioning	2003 Carpet Replacement	2009 3,100 SF Addition
2003 Playground Improvements	2004 Technology Improvements	2012 Carpet Replacement - Mobiles
2003 Bathroom Improvements	2004 Security Cameras/Radios	2013 Replace Restroom Floors

Buffalo Ridge Elementary

2006 Carpet Replacement	2006 Security Access Control	2013 Flooring Repair
2006 Parking Lot Improvements	2012 Repair Bus Loop Paving	2013 Fire Alarm Panel Replacement
2006 Playground Improvements	2012 Carpet Replacement - Mobiles	2014 Clock System

Cantril

1994 Roof repair	2001 Gym and Pre-school Roof
1996 Asbestos Removal	2006 Parking Lot
1997 Roof Replacement	2010 Exterior Paint
2000 Carpet	2006 Upgrade Local Area Network
2001 Boiler	2006 Fire Alarms
2015 Replace Cooling in Gym	2015 ADA Restroom Addition
2015 Restore Lunchroom	

Castle Rock Elementary

1996 Playground Improvements	2004 Technology Improvements	2012 Playground Paving
1999 Air Conditioning	2004 Security Cameras/Radios	2012 Carpet Replacement - Mobiles
2001 Playground Improvements	2004 Security Access Control	2014 Clock System
2003 Re-ballast	2011 White Boards	
2004 2,965 SF Addition	2012 Parking Lot Paving	

Castle Rock Middle School

2004 Technology Improvements	2012 Kitchen Floor Repair	2014 Clock System
2004 Security Cameras	2012 Roof Replacement	2014 Restroom Flooring
2004 Security Access Control	2013 Fire Alarm Replacement	2014 Domestic Hot Water System Upgrade
2006 HVAC Upgrades	2013 Refinish Gymnasium Floor	

Castle View High School

2006 New Construction	2007 Technology Improvements
2007 Parking Lot Expansion	2007 Security Kiosk

Chaparral High School

2002 34,368 SF Addition	2006 Gymnasium Floor	2012 Carpet Replacement - Mobiles
2004 Flush Valves/Chiller	2007 Tennis Courts	2013 Synthetic Turf Replacement
2004 Bleachers	2007 Security Kiosk	2013 Interior Door Hardware Replacement
2004 Security Cameras/Radios	2008 Special Education Wing Remodel	2014 Clock System
2004 Security Access Control	2010 Softball Field Fencing	2014 Resurface Track
2004 Artificial Turf Playfield	2010 Chiller	2014 Intercom and Paging System Replacement
2004 Dugouts	2010 Security Detection System	2015 Fire Alarm System Replacement
2004 Technology Improvements	2010 Concrete Slab Repair	2015 Partial Roof Replacement
2006 Clearstory Windows	2011 Chillers	2015 Tennis Court Resurfacing
2006 Parking Lot Improvements	2012 Tile Replacement	2015 Carpet Replacement - Drama Room

Cherokee Trail Elementary

2001 Air Conditioning	2004 Security Access Control	2012 Parking Lot Paving
2001 Countertops/Partitions	2005 3,000 SF Addition	2012 Playground Paving
2003 Reballast	2005 Playground Improvements	2014 Cafeteria Floor Replacement
2003 Carpet Replacement	2005 Reballast	2014 Resurface Gymnasium Floor
2004 Security Cameras/Radios	2005 Roof Replacement	2016 Restroom Countertops Replacement
2004 Technology Improvements		

Cherry Valley Elementary

1996 Roof Replacement	2004 Security Cameras/Radios	2006 Parking Lot Improvements
1998 Playground Improvements	2004 Technology Improvements	2008 Major Renovation
1999 981 SF Addition	2005 Security Access Control	2014 Update Water Well System

Cimarron Middle School

2010 New Construction	2011 Turn Lane and Stop Light	2012 Art & Computer Room Remodel
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Clear Sky Elementary

2008 New Construction	2012 Carpet Replacement - Mobiles
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Copper Mesa Elementary

2008 New Construction

Cougar Run Elementary

2003 Playground Improvements	2007 Carpet Replacement	2013 Roof Replacement
2003 Flooring Improvements	2013 Fire Alarm Replacement	2014 Clock System
2004 Security Cameras/Radios	2013 Restroom Flooring	2016 Concrete Slab Repairs
2005 Security Access Control		

Coyote Creek Elementary

2004 Security Cameras/Radios	2007 Carpet Replacement	2010 Playing Field Improvements
2004 Technology Upgrades	2007 Playground Improvements	
2005 Security Access Control	2010 3,200 SF Addition	

Cresthill Middle School

1998 Tile Replacement	2003 Site Improvements	2005 Security Access Control
1999 SPED, Science Rooms	2004 Carpet Replacement	2010 14,500 SF Addition
2000 Carpet Replacement	2004 Technology Improvements	2010 Bleachers
2002 Make-up Air	2004 Security Cameras/Radios	

Daniel C. Oakes High School

2002 Major Renovation	2007 Science Rooms	2007 Roof Replacement
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Douglas County High School - North Building

1992 30,890 SF Addition	2003 Science Room Conversion	2011 Life Safety Upgrade
1995 Team Room/Tennis Courts	2004 Cooling Units	2012 Replace Carpet
1995 Replace DDC	2004 Security Cameras/Radios	2012 Bathroom Improvements
1997 Air Conditioning	2004 Technology Improvements	2012 Partial Roof Replacement
2000 Running Track	2005 Security Access Control	2013 Projector Mounting
2001 Water System	2005 Security Kiosk	2013 Blackboard Removal
2002 Parking Lot Improvements	2008 Renovation - Phase I	2013 Energy Performance Contracting
2002 Artificial Turf	2010 Renovation - Phase II	2014 Electrical Switchgear and Panel board Replacement
2003 Bell System	2010 Communications Equipment	
2003 Bathroom Improvements	2010 Addition - Athletic Complex	

Douglas County High School - South Building

1985 18,016 SF Addition	2001 Water System	2010 Communication Equipment
1993 Remodel - Phase I	2006 Sidewalk Improvements	
1997 Remodel - Phase II	2008 Roof Replacement	

Eagle Ridge Elementary

1997 Air Conditioning	2004 3,000 SF Addition	2013 Kitchen Floor Repair
1998 Tile Replacement	2004 Technology Improvements	2014 Cafeteria Flooring
2001 Carpet Replacement	2005 Security Access Control	2014 Resurface Gymnasium Floor
2003 Reballast	2007 Playground Improvements	2016 Restroom Countertops Replacement

Eldorado Elementary

2001 New Construction	2005 Technology Improvements	2007 Technology Improvements
2004 Technology Improvements	2005 Security Access Control	
2004 Security Cameras/Radios	2006 Technology Improvements	

Flagstone Elementary

2003 New Construction	2005 Security Access Control	2013 Carpet Replacement - Mobile
2004 Security Cameras/Radios	2005 Technology Improvements	

Fox Creek Elementary

2002 Lighting	2004 Technology Improvements	2012 Carpet Replacement - Mobile
2003 Playground Improvements	2005 Security Access Control	
2004 Security Cameras/Radios	2010 3,000 SF Addition	

Franktown Elementary

1997 Bathroom Improvements	2004 Security Access Control	2012 Parking Lot Improvements
1998 Carpet Replacement	2004 Technology Improvements	2014 Update Water Well System
2000 Roof Replacement	2007 ADA Ramp	2014 Resurface Gymnasium Floor
2002 Remodel	2008 ADA Bathroom	2016 Domestic Hot Water System Upgrade
2004 Security Cameras/Radios	2012 Carpet Replacement	

Frontier Valley Elementary

2002 New Construction	2005 Technology Improvements	2014 Update Water Well System
2004 Technology Improvements	2013 Cafeteria Floor Replacement	
2004 Security Cameras/Radios	2014 Clock System	

Gold Rush Elementary

2010 New Construction		
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Heritage Elementary

2001 New Construction	2005 Security Access Controls	2012 Restroom Countertops
2004 Security Cameras/Radios	2005 Technology Improvements	2013 Carpet Replacement - Mobile

Highlands Ranch High School

1989 12,400 SF Addition	2000 Batting Cages/Dugouts	2012 Replace Artificial Turf Playfield
1994 Track Replacement	2000 Parking Lot Improvements	2012 Partial Roof Replacement
1994 22,833 SF Addition	2002 Fencing	2012 Replace Tile Flooring
1995 Hallway Infill	2002 35,175 SF Addition	2012 Resurface Tennis Courts
1995 Parking Lot Improvements	2004 Retaining Wall	2014 Stage Lights and Catwalk
1996 Vehicle Access	2004 Security Cameras/Radios	2014 Resurface Track
1997 Catwalk/Fire Doors	2004 Security Access Control	2014 Intercom and Paging System Replacement
1997 Air Conditioning	2004 Technology Improvements	2014 Partial Roof Replacement
1999 Floor Tile Replacement	2005 Gas Shutoff Valves	2015 Fire Alarm System Replacement
1999 Boilers	2007 Security Kiosk	2015 Generator Replacement
2000 Artificial Turf Playfield	2010 Fire Alarm System Upgrade	2016 Parking Lot Resurface (Portions Only)

Iron Horse Elementary

2004 Security Cameras/Radios	2010 Cafeteria Flooring Repairs	2014 Playpad Upgrade (Converted from Asphalt to Concrete)
2004 Technology Improvements	2012 Upgrade Controls System	2014 Fire Alarm System Replacement
2005 Security Access Control	2013 Water Main Repair	
2010 Carpet Replacement	2013 Resurface Paved Areas	

Larkspur Elementary

1992 Addition	2004 Clock System	2010 Gym Floor
1994 Rooftop Units	2004 Technology Improvements	2011 Roof Replacement
1997 Carpet Replacement	2005 Security Access Control	2010 Parking Lot Improvements
2000 Addition/Remodel	2009 Carpet Replacement	2013 Exterior Enhancement
2002 Playground Improvements	2006 Entry Tile Replacement	2016 Electrical Switchgear, Transformers, & Panel Replacement
2003 Intercom	2008 Elevator	

Legacy Point Elementary

2003 New Construction	2004 Security Access Control	2012 Carpet Replacement - Mobile
2004 Security Cameras/Radios	2004 Technology Improvements	2014 Clock System

Legend High School

2008 New Construction	2013 Resand Gymnasium Floor	2014 Hilltop Road Traffic Signal
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2008 22,097 SF Addition

2013 Repair Security Gate

Lone Tree Elementary

2007 New Construction

Mammoth Heights Elementary

2007 New Construction

2012 Carpet Replacement - Mobile

Meadow View Elementary

2000 New Construction

2012 Concrete Repairs - service entry

2014 Clock System

2004 Technology Improvements

2013 Carpet Replacement - Mobile

2014 Interior Doors

2004 Security Cameras/Radios

2013 Window Replacement

2014 Carpet

2005 Security Access Control

2013 Interior Door Replacement

Mesa Middle School

2008 New Construction

Mountain Ridge Middle School

2003 New Construction

2004 Security Cameras/Radios

2014 Clock System

2004 Technology Improvements

2004 Security Access Control

Mountain View Elementary

1994 Roof Improvements

2001 5,278 SF Addition

2008 Roof Replacement

1997 Carpet Replacement

2004 Security Cameras/Radios

2014 Kitchen and Gymnasium Flooring

1999 Bathroom Improvements

2004 Security Access Control

2016 Electrical Switchgear, Transformers, & Panel Replacement

2000 Parking Lot Improvements

2004 Technology Improvements

2000 Playground Improvements

2007 Carpet Replacement

Mountain Vista High School

2001 New Construction

2005 "F" Pod Addition

2013 Tennis Courts

2004 Chiller

2006 Clearstory windows

2014 Clock System

2004 Security Cameras/Radios

2007 Security Kiosk

2014 Resurface Track

2004 Security Access Control

2010 Site Improvements - Curb

2014 Intercom and Paging System Replacement

2004 Technology Improvements

2012 Tile Replacement - Halls/Classrooms

2014 Fire Alarm System Replacement

2005 Artificial Turf Playfield

2013 Resand Gymnasium Floor

Northeast Elementary

1992 8,642 SF Addition

2004 Technology Improvements

2012 Tile Replacement - Halls/Classrooms

1999 Roof Replacement

2004 Security Cameras/Radios

2013 Daylighting Enhancement

1999 Sidewalk

2004 Security Access Control

2013 Playfield Replacement

2001 Playground Improvements

2006 Kitchen Make-up Air

2014 Clock System

2001 Access Road

2011 White Boards

2015 Fire Alarm System Replacement

2002 1,540 SF Addition

2012 Site Lighting Poles

2015 Boiler, Chiller, and Controls Upgrade

Northridge Elementary

1996 Playground Improvements

2004 Technology Improvements

2011 Sidewalk/Bridge

1997 Air Conditioning

2004 Security Cameras/Radios

2013 Stage Partition

2000 Carpet Replacement

2005 Security Access Control

2014 Cafeteria Flooring

2004 3,590 SF Addition

2005 Playground Improvements

2014 Resurface Gymnasium Floor

Pine Grove Elementary

2004 Technology Improvements

2005 Security Access Controls

2010 3,996 SF Addition

2004 Security Cameras/Radios

2006 Carpet Replacement

Pine Lane Intermediate

1992 1,980 SF Addition

2004 Security Cameras/Radios

2013 Daylighting Enhancement

1998 1,874 SF Addition

2005 Security Access Control

2014 Carpet

2003 HVAC Improvements

2005 Playground Improvements

2016 Electrical Switchgear, Transformers, & Panel Replacement

2004 Intercom

2005 Elevator

2016 Roof Replacement (1 Section)

2004 Technology Improvements

2010 Roof Replacement

Pine Lane Primary

1994 Roof Replacement

2001 Bus Loop Improvements

2010 Roof Replacement

1996 Connect to Public Water

2003 6,951 SF Addition

2012 Carpet Replacement

1996 Playground Improvements

2004 Technology Improvements

2012 Carpet Replacement - Mobile

1996 Carpet Replacement

2004 Security Improvements

2013 Restroom Remodel

1998 Playground Improvements

2006 Parking Lot Improvements

2016 Electrical Switchgear, Transformers, & Panel Replacement

Pioneer Primary

2005 Security Access Control
2006 Parking Lot Improvements
2008 Carpet Replacement

2011 Restroom Flooring Replacement
2014 Clock System
2014 Roof Repair

2014 Restroom Flooring
2014 Fire Alarm System Replacement

Ponderosa High School

1995 Parking Lot Improvements
1996 HVAC Improvements
1998 Roof Repair
1998 Water Main
1999 Gym Floor Replacement
2000 Boilers
2001 Running Track
2002 Addition/Remodel
2003 Artificial Turf Playfield
2004 Air Handling Units

2004 Security Access Control
2004 Security Cameras/Radios
2004 Technology Improvements
2006 Special Education Restrooms
2007 Security Kiosk
2010 Security Detection System
2011 Carpet Replacement
2012 Door Replacement/Repair
2012 Tile Replacement - Halls-Classrooms
2013 ADA Compliance

2014 Resurface Turf Field
2014 Autoshop Expansion
2014 Intercom
2014 Hallway/Classroom Flooring
2014 Roof Replacement
2015 Electrical Switchgear and Panel Board Replacement
2015 Track Replacement
2016 Boiler and Condensing Units Replacement

Plum Creek Academy

1997 Boiler
1998 Air Conditioning
1999 Roof

2001 Water Tap
2003 Addition

2008 Roof Repairs
2009 Carpet

Prairie Crossing Elementary

2001 New Construction
2004 Technology Improvements

2004 Security Improvements
2012 Carpet Replacement - Mobile

Ranch View Middle School

1997 New Construction
2004 Technology Improvements
2004 Security Access Control

2004 Security Cameras/Radios
2007 Security Kiosk
2013 Resand Gymnasium Floor

2014 Domestic Hot Water System Upgrade

Redstone Elementary

2005 New Construction

2013 Carpet Replacement - Mobile

Renaissance Elementary

2006 New Construction

2012 Restroom Countertops

Rock Canyon High School

2003 New Construction
2004 Security Access Control
2004 Security Cameras/Radios
2004 Technology Improvements

2007 Security Kiosk
2010 28,249 SF Addition
2010 Clearstory Windows
2013 Track Replacement

2014 Resurface Turf Field
2014 Intercom and Paging System Replacement

Rock Ridge Elementary

1995 Parking Lot Improvements
1996 Parking Lot Improvements
1997 Air Conditioning
2000 Playground Improvements
2001 Playground Improvements

2003 Carpet Replacement
2004 Security Cameras/Radios
2004 Technology Improvements
2005 Security Access Control
2005 3,000 SF Addition

2012 Parking Lot/Playground Paving
2013 Carpet Replacement - Mobile
2014 Fence
2014 Cafeteria Flooring

Rocky Heights Middle School

2003 New Construction
2004 Security Cameras/Radios
2004 Technology Improvements

2004 Security Access Control
2007 Security Kiosk
2010 Drainage

2012 Drainage
2014 Clock System

Roxborough Intermediate

2008 New Construction

Roxborough Primary

2000 Playground Improvements
2001 Parking Lot Improvements
2002 Generator
2004 Carpet Replacement

2004 Intercom
2004 Security Cameras/Radios
2004 Technology Improvements
2005 Security Access Control

2010 1,000 SF Addition
2013 Kitchen Floor Repair

Saddle Ranch Elementary

1999 New Construction	2005 Security Access Control	2016 Boiler Replacement (2)
2004 Technology Improvements	2013 Flooring Replacement	
2004 Security Cameras/Radios	2014 Clock System	

Sage Canyon Elementary

2010 New Construction	2014 Repair to Handicap Ramp	
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Sagewood Middle School

2004 Security Access Control	2006 HVAC Upgrade	2016 Domestic Hot Water System Upgrade
2004 Security Cameras/Radios	2010 Track Resurface	
2004 Technology Improvement	2015 Fire Alarm System Replacement	

Sand Creek Elementary

1990 8,237 SF Addition	2003 Reballast	2005 3,000 SF Addition
1999 Air Conditioning	2004 Technology Improvements	2013 Carpet Replacement - Mobile
2000 Playground Improvements	2004 Security Cameras/Radios	2014 Cafeteria Flooring
2002 Carpet Replacement	2005 Security Access Control	2016 Restroom Countertop Replacement

Sedalia Elementary

1966 Gutters/Downspouts	2004 Technology Improvements	2011 Playfield Replacement
1992 Addition	2004 Security Cameras/Radios	2012 Sanitary Improvements
1999 Addition	2005 Security Access Control	2013 Daylighting Enhancement
2001 Countertops/Fountains	2005 Carpet Replacement	2014 Fire Alarm System Replacement
2003 HVAC Controls	2006 HVAC Upgrades	2014 Resurface Gymnasium Floor
2004 Roof Replacement	2006 Playground Improvements	2016 Rooftop Unit Replacement (2)
2004 Clock Replacement	2006 Roof Replacement	

Sierra Middle School

1995 Partial Roof Replacement	2005 Security Access Control	2012 Kitchen Floor Repair
1996 Heat Piping	2005 Partial Roof Replacement	2012 Partial Roof Replacement
1997 Partial Roof Replacement	2006 Bleachers	2013 Cooling - Gymnasiums
2003 Bathroom Improvements	2006 Gym Floor	2014 Fence
2003 Site Improvements	2006 Road Connection	2014 Update Water Well System
2004 Electrical Improvements	2006 Bus Loop Improvements	2014 Remodel Special Needs Suite
2004 9,000 SF Addition	2006 Lockers	2014 Resurface Gym Floor
2004 Clock Replacement	2007 Bleachers	2014 Domestic Hot Water System Upgrade
2004 Technology Improvements	2011 Tile Replacement - Hallways	2016 Electrical Panel Replacement
2004 Security Cameras/Radios	2012 Clock System Upgrade	2016 Emergency Generator Replacement

Soaring Hawk Elementary

2004 New Construction	2004 Security Cameras/Radios	2012 Carpet Replacement - Mobile
2004 Technology Improvements	2005 Security Access Control	2014 Clock System

South Ridge Elementary

1992 5,380 SF Addition	2003 Water Service	2012 Interior Door Hardware Replacement
1994 Rooftop Units	2004 Security Cameras/Radios	2012 Carpet Replacement
1995 Mechanical Improvements	2004 Security Access Control	2013 Daylighting Enhancement
1997 Playground Improvements	2004 Technology Improvements	2014 Clock System
1998 Drainage	2006 Roof Replacement	2014 Resurface Gymnasium Floor
2003 Rooftop Units	2006 Elevator	2016 Roof Replacement (1 Section)

Stone Mountain Elementary

2007 New Construction		
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Summit View Elementary

2000 Playground Improvements	2005 Security Access Control	2014 Cafeteria Flooring
2004 Security Cameras/Radios	2005 Carpet Replacement	2014 Resurface Gymnasium Floor
2004 Technology Improvements	2008 2,684 SF Addition	

ThunderRidge High School

1998 34,368 SF Addition	2006 Clearstory Windows	2014 Fire Alarm System Replacement
2004 Artificial Turf Playfield	2007 Resurface Tennis Courts	2014 Partial Roof Replacement
2004 Batting Cages	2007 Security Kiosk	2014 Intercom and Paging System Replacement
2004 Chiller	2008 Concrete Slab Repair	2015 Tennis Court Resurfacing

2004 Security Cameras/Radios	2012 Tile Replacement - Halls/Classrooms	2016 Turf Field Replacement
2004 Security Access Control	2012 Resurface Track	2016 Interior Door Hardware
2004 Technology Improvements	2012 Resurface Tennis Courts	

Timber Trail Elementary

2003 New Construction	2012 Chiller Replacement
2004 Technology Improvements	2014 Clock System

Trailblazer Elementary

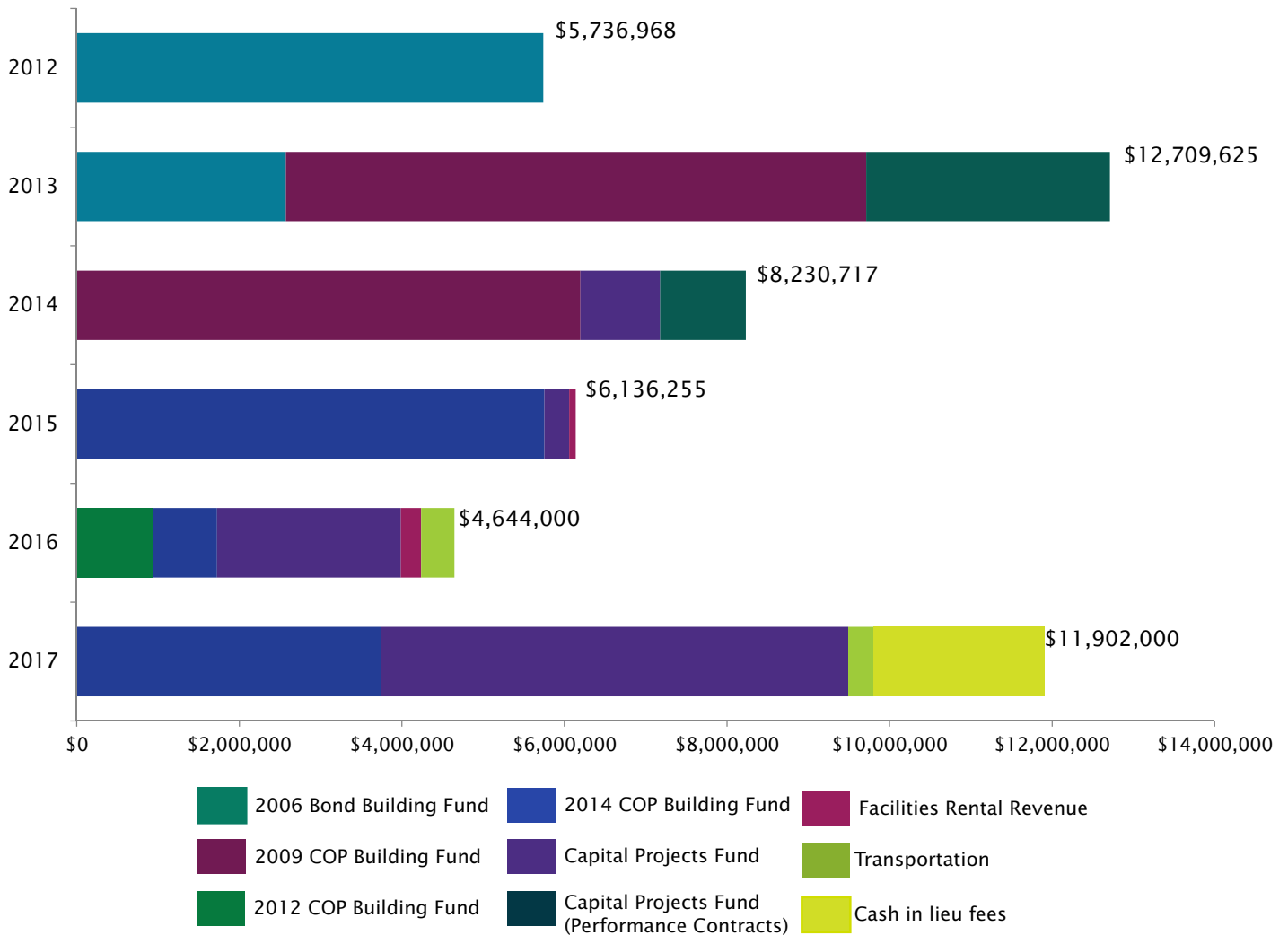
2004 Security Access Control	2006 Parking Lot Improvements	2013 Restroom Flooring
2004 Security Cameras/Radios	2007 Carpet Replacement	2014 Clock System
2004 Technology Improvements	2011 Security Door	

Wildcat Mountain Elementary

2004 Security Cameras/Radios	2006 Carpet Replacement	2013 Resurface Playground
2004 Security Access/Control	2010 Flooring Replacement	2014 Clock System
2004 Technology Improvements	2012 Controls System Upgrade	
2006 Bus Loop Improvements	2013 Fire Alarm Panel Replacement	



Capital Funding by Source, 2012-2017



Funding Source	2012	2013	2014	2015	2016	2017	Total (By Funding Source)
2006 Bond Building Fund	\$5,736,968	\$2,572,041	\$0	\$0	\$0	\$0	\$8,309,009
2009 COP Building Fund	\$0	\$7,137,584	\$6,195,979	\$0	\$0	\$0	\$13,333,563
2012 COP Building Fund	\$0	\$0	\$0	\$0	\$931,000	\$0	\$931,000
2014 COP Building Fund	\$0	\$0	\$0	\$5,751,380	\$792,000	\$3,740,000	\$10,283,380
Capital Projects Fund	\$0	\$0	\$979,738	\$304,875	\$2,263,000	\$5,750,000	\$9,297,613
Capital Projects Fund (Performance Contracts)	\$0	\$3,000,000	\$1,055,000	\$0	\$0	\$0	\$4,055,000
Facilities Rental Revenue	\$0	\$0	\$0	\$80,000	\$250,000	\$0	\$330,000
Transportation	\$0	\$0	\$0	\$0	\$408,000	\$312,000	\$720,000
Cash in Lieu	\$0	\$0	\$0	\$0	\$0	\$2,100,000	\$2,100,000
Grand Total	\$5,736,968	\$12,709,625	\$8,230,717	\$6,136,255	\$4,644,000	\$11,902,000	\$49,359,565

Capital Funding 2012-2017: \$49,359,565



Appendix 2 Capital Needs by Facility

Douglas County High School

Tier 1	High	Terminal Self-Contained Units. North Building: Replace cabinet unit heaters.	\$40,400	\$4100-\$17400	\$2020-\$8686
	High	Interior Door Hardware. Needs-North- Art CR 42 - no panics at any exits- 2 reqd.	\$3,600	\$400-\$1600	\$180-\$774
	High	Exhaust Ventilation Systems. North Building: Replace Auto shop and welding shop exhaust systems with increased ventilation capacity.	\$90,900	\$9100-\$39100	\$4545-\$19543
	High	Exhaust Ventilation Systems. North Building: Replace exhaust fans.	\$94,300	\$9500-\$40600	\$4715-\$20274
	High	Exhaust Ventilation Systems. North Building: Revise art room ventilation systems. The current systems are not operating properly.	\$27,000	\$2700-\$11700	\$1350-\$5805
	High	Exhaust Ventilation Systems. Smoke vents are required over the Stage. Install four (4).	\$22,400	\$2300-\$9700	\$1120-\$4816
	High	Exhaust Ventilation Systems. South- lower level student restrooms have inadequate ventilation	\$8,100	\$900-\$3500	\$405-\$1741
	High	Irrigation Mainlines past service life. Replace.	\$79,000	\$7900-\$34000	\$3950-\$16985
	High	Irrigation piping within pump building, increase to 4" diameter for increased flow	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Poor drainage at downspouts at North kitchen service drive. Provide interior roof drains in new Kitchen construction	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Provide tempered water at all drench showers located in the north building.	\$2,300	\$300-\$1000	\$115-\$494
	High	South Building: Revise art room ventilation systems. The current systems are not operating properly.	\$18,000	\$1800-\$7800	\$900-\$3870
	Tier 2	Medium	Sanitary Sewer Systems. Needs-Poor drainage at 7 downspouts at east end of south side South Bldg. Replace storm inlets and reconnect to storm drain.	\$44,500	\$4500-\$19200
Medium		Provide lighting in the south parking lot.	\$62,900	\$6300-\$27100	\$3145-\$13523
Medium		Interior Door Hardware. Needs-DOOR HARDWARE / No sound seals on music area doors - 4 locations	\$4,400	\$500-\$1900	\$220-\$946
Medium		Provide one MDF and five IDF's rooms. The building does not have dedicated IDF and MDF rooms equipped with proper power and air conditioning.	\$215,500	\$21600-\$92700	\$10775-\$46332
Medium		Potable Water Distribution & Storage. Domestic Water Service. Needs-Meter old and in bad location. Replace under Phase 2. Abandon in Phase 3	\$5,500	\$600-\$2400	\$275-\$1182
Tier 2	High	Existing grease interceptor is single compartment - replace w/ double compartment to meet code.	\$28,600	\$2900-\$12300	\$1430-\$6149
	High	Exterior Wall Construction. CMU and Brick. Needs-Repair CMU exterior wall of greenhouse, cracked and paint blistering	\$1,200	\$200-\$600	\$60-\$258
	High	Exterior Wall Construction. Needs-Recalk control joints at North Bldg	\$6,100	\$700-\$2700	\$305-\$1311
	High	Interior Doors. Needs-Install new astragal and coordinator to fire doors. (6) locations	\$300	\$100-\$200	\$15-\$64
	High	South- water damage to gyp board sills at Newspaper S65 - seal window frames and repair sills	\$1,300	\$200-\$600	\$65-\$279
	High	WINDOWS NORTH / Caulk perimeters at Life Mgmt Wing	\$2,300	\$300-\$1000	\$115-\$494
	High	WINDOWS SOUTH / Caulk perimeters at all windows	\$22,400	\$2300-\$9700	\$1120-\$4816
	High	Fixed Walls. Needs-Fire seal some area separation wall penetrations and top of walls	\$6,000	\$600-\$2600	\$300-\$1290
	High	Interior Construction. Needs-Install complying HC stall, accessories or grab bars in restrooms 100N, 100O, 103E, 103I, 43D, 43F	\$23,800	\$2400-\$10300	\$1190-\$5117
	High	Interior Construction. Needs-Most all single staff toilet rooms don't meet ADA accessibility, too small, sinks too high, revise to provide at least one men & women per floor	\$114,900	\$11500-\$49500	\$5745-\$24703
High	Interior Construction. Needs-Upgrade auditorium with wheel chair spaces for ADA	\$600	\$100-\$300	\$30-\$129	

Douglas County High School cont.

Tier 2	High	North - some area separation wall penetrations need to be fire sealed	\$10,000	\$1000-\$4300	\$500-\$2150
	High	Regular Stairs. Needs-Re-configure, add handrails, rebuild stairs at stage 100	\$22,400	\$2300-\$9700	\$1120-\$4816
	High	Aluminum. windows in 66 & 67 single glazed. Adjacent HM frames rusting.	\$300	\$100-\$200	\$15-\$64
	High	Provide plaster sink with large capacity plaster trap at north building art 41	\$9,200	\$1000-\$4000	\$460-\$1978
	High	South Commons & Lobby exterior single glazed HM window frames. Provide new aluminum storefront framing with insulated glass	\$149,900	\$15000-\$64500	\$7495-\$32228
	High	Suspended Ceilings. Needs-Replace suspended grid ceiling in admin offices, not fire rated	\$18,500	\$1900-\$8000	\$925-\$3977
	High	Waste Piping. Needs-Revise drainage piping at sink in auto shop room 51 to comply with code	\$8,100	\$900-\$3500	\$405-\$1741
	High	Ramps . Needs-Ramp into Metal & Auto Shops too steep. Doorway access into Auto non ADA conforming	\$4,600	\$500-\$2000	\$230-\$989
	High	Ramps. Needs-North- Auditorium- No ramp access to lower thrust stage or main stage from seating area. Provide lift or ramp	\$41,300	\$4200-\$17800	\$2065-\$8879
	High	Regular Stairs. Needs-Handrails on stairs in E-Wing are too large, don't extend past bottom riser - not ADA compliant - replace	\$12,000	\$1200-\$5200	\$600-\$2580
	High	Regular Stairs. Needs-Replace corridor stair handrails, rectangular and not ADA compliant	\$13,100	\$1400-\$5700	\$655-\$2816
	High	DOORS NORTH / Exterior HM frames rusting. Refinish at Y, I	\$2,300	\$300-\$1000	\$115-\$494
	High	DOORS SOUTH / Exterior HM windows, doors/frames rusting; refinish all locations	\$6,800	\$700-\$3000	\$340-\$1462
	High	Drinking Fountains and Coolers. Needs-Replace water coolers and drinking fountains throughout the north building. Refrigerant failing	\$47,100	\$4800-\$20300	\$2355-\$10126
	High	Fixed Casework. Needs-Repair/replace casework	\$2,700	\$300-\$1200	\$135-\$580
	High	Flooring Carpet. Needs-Replace carpet throughout school	\$124,500	\$12500-\$53600	\$6225-\$26767
	High	Flooring Hallways/Classrooms. Needs-Repair VCT throughout building	\$4,800	\$500-\$2100	\$240-\$1032
	High	Flooring Hallways/Classrooms. Needs-Replace VCT in all corridors	\$52,700	\$5300-\$22700	\$2635-\$11330
	High	Interior Construction. Needs-Upgrade restrooms throughout building as needed	\$42,500	\$4300-\$18300	\$2125-\$9137
	High	Interior Doors. Needs-Replace flex locker room door	\$1,000	\$100-\$500	\$50-\$215
	High	Replace deck mounted gas turrets at north building	\$15,300	\$1600-\$6600	\$765-\$3289
	High	Sinks. Needs-Replace stainless steel science sinks where classroom program dictates with epoxy sinks	\$33,700	\$3400-\$14500	\$1685-\$7245
	High	Sinks. Needs-Replace stainless steel sink in darkroom 45	\$2,300	\$300-\$1000	\$115-\$494
	High	South/ Locker Room doors damaged. Provide new HM door and hardware.	\$3,600	\$400-\$1600	\$180-\$774
	High	Theater & Stage Equipment. Needs-Auditorium theatrical equipment old and not comparable with other high schools	\$251,300	\$25200-\$108100	\$12565-\$54029
	High	Theater & Stage Equipment. Needs-South 100A Stage/Dance, stage curtain drags on floor. Curtain and track damaged. Replace curtain and track system.	\$14,400	\$1500-\$6200	\$720-\$3096
	High	TOILET PARTITIONS North / Many beyond life; Replace (Replaced in I.A. toilets)	\$47,900	\$4800-\$20600	\$2395-\$10298
	High	TOILET PARTITIONS South / Locker Room damaged; Replace	\$2,500	\$300-\$1100	\$125-\$537
	High	Interior Construction. Needs-Auditorium control room: no ADA access. Room too small and counter too high	\$14,400	\$1500-\$6200	\$720-\$3096
	High	Markings & Signage. Needs-Upgrade and supplement signage for vehicle parking, HC, and circulation.	\$9,000	\$900-\$3900	\$450-\$1935

Douglas County High School cont.

Tier 2	High	Broken concrete curbing in numerous areas. Remove and replace.	\$4,600	\$500-\$2000	\$230-\$989
	High	Exposed steel beams / columns at Life Mgmt Wing rusting. Repaint. Paint Wood transoms above Metal Shop door and at Boiler Room and wood soffit at door F.	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Fixed Casework. Needs-Add more casework in SPED Kitchen	\$11,200	\$1200-\$4900	\$560-\$2408
	High	Fixed Casework. Needs-At admin - numerous base cabinet countertops too high and sink not ADA accessible	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Fixed Casework. Needs-At admin - Reception countertop too high- Not ADA accessible	\$4,000	\$400-\$1800	\$200-\$860
	High	Fixed Casework. Needs-At all science cr's - base cab countertops too high - not ADA accessible, no ADA sinks	\$15,200	\$1600-\$6600	\$760-\$3268
	High	Fixed Casework. Needs-At Art 42 - base cab countertops too high - not ADA accessible, no ADA sinks	\$5,500	\$600-\$2400	\$275-\$1182
	High	Fixed Casework. Needs-At career center - transaction surface countertops too high - not ADA accessible	\$1,500	\$200-\$700	\$75-\$322
	High	Fixed Casework. Needs-At main entry concession - transaction surface countertops too high - not ADA accessible	\$7,900	\$800-\$3400	\$395-\$1698
	High	Fixed Casework. Needs-At photography cr's - base cab countertops too high - not ADA accessible, no ADA sinks	\$6,600	\$700-\$2900	\$330-\$1419
	High	Fixed Casework. Needs-At teacher lounge - base cab countertops too high - not ADA accessible, no ADA sinks	\$3,700	\$400-\$1600	\$185-\$795
	High	Fixed Casework. Needs-Display cases north bldg not DCSD standard. All doors and sliding hardware bad- replace	\$8,100	\$900-\$3500	\$405-\$1741
	High	Fixed Casework. Needs-Main Office wood transaction desk wood split. P-lam edges loose and peeling.	\$2,300	\$300-\$1000	\$115-\$494
	High	Fixed Casework. Needs-Replace plan center top edge peel \$ wood veneer peel in Sci 36, 37, 60, 61.	\$4,600	\$500-\$2000	\$230-\$989
	High	Fixed Casework. Needs-Science casework too high to comply w/ ADA, no accessible sinks	\$8,600	\$900-\$3700	\$430-\$1849
	High	Fixed Casework. Needs-White cabinets of 1971 vintage need new doors and latches. Many damaged in Art area. Countertop edges peeling. (casework and countertop in Ceramic CR ok condition)	\$14,400	\$1500-\$6200	\$720-\$3096
	High	Fixed Walls. Needs-Repair broken cement block and wall crack in gym. Fire Department pull station is installed on broken block. Crack follows joints to ceiling.	\$1,900	\$200-\$900	\$95-\$408
	High	Flooring Hallways/Classrooms. Needs-Replace carpet with VCT 105 lobby	\$3,200	\$400-\$1400	\$160-\$688
	High	Flooring Hallways/Classrooms. Needs-Replace carpet with VCT south costume storage, drama office, STAR lab. Abatement cost not included	\$10,200	\$1100-\$4400	\$510-\$2193
	High	Interceptors. Sand and oil interceptor at north building auto shop not operating properly - replace	\$36,100	\$3700-\$15600	\$1805-\$7761
	High	Interior Construction. Needs-Upgrade stage, stage office, dressing rooms and costume storage room for ADA	\$21,500	\$2200-\$9300	\$1075-\$4622
	High	North Bldg brick veneer joints at Life Mgmt Wing and vertical joints at west face Auditorium deteriorating. Repoint	\$5,700	\$600-\$2500	\$285-\$1225
	High	North- E Wing entries do not have recessed mats	\$1,200	\$200-\$600	\$60-\$258
	High	North- Gymnasium exit doors in fire walls have damaged trim at exit devices. No label on doors and frames- Provide new doors, frames, hardware	\$27,400	\$2800-\$11800	\$1370-\$5891
	High	North- Science CR 62, VCT floor has loosened and been repaired. Other tiles are beginning to loosen. Replace all tile	\$6,600	\$700-\$2900	\$330-\$1419
	High	Overhead Doors. Needs-North Bldg -rolling counter doors too high for ADA at student store and attendance office	\$8,600	\$900-\$3700	\$430-\$1849

Douglas County High School cont.

Tier 2	High	Painted CMU exterior walls at Industrial Arts need touch up paint at downspouts after leaks repaired. Also repaint cu east side East Hall Kalwall monitor	\$9,000	\$900-\$3900	\$450-\$1935
	High	Paving \$ Surfacing. Needs-Expansion cracks present at asphalt drive from South Bldg to east parking lot. Patch cracks and seal.	\$1,800	\$200-\$800	\$90-\$387
	High	Paving \$ Surfacing. Needs-Parking lot runoff overtopping curb at northwest corner of upper South Bldg parking lot. Regrade and replace asphalt and curbing.	\$33,700	\$3400-\$14500	\$1685-\$7245
	High	Paving \$ Surfacing. Needs-South Building, no complying accessible route to grade outside Commons 100 and gym 103 west exits	\$21,800	\$2200-\$9400	\$1090-\$4687
	High	Paving \$ Surfacing. Needs-Type 1 cracking asphalt areas in parking lots and drives. Cut out / patch specific areas in NB northwest parking lot	\$25,800	\$2600-\$11100	\$1290-\$5547
	High	Paving \$ Surfacing. Needs-Type 2 cracking asphalt areas in parking lots and drives. Mill and overlay SD west parking lot	\$177,700	\$17800-\$76500	\$8885-\$38205
	High	Paving \$ Surfacing. Needs-Type 3 cracking asphalt areas in parking lots and drives.	\$2,300	\$300-\$1000	\$115-\$494
	High	Paving and Surfacing. Needs-Access from northwest parking lot to North Bldg Main Entry is narrow, ill-defined. Clarify pedestrian route thru parking lot, remove dead end aisle, enlarge adjacent concrete island/add crosswalk; widen sidewalk to Main E	\$20,800	\$2100-\$9000	\$1040-\$4472
	High	Paving and Surfacing. Sidewalks. Needs-Designated Entrance: Ramp at North Bldg Main Entry is too steep (1:12) Construct Ramp. Revise accessible route from Parking lot.	\$10,400	\$1100-\$4500	\$520-\$2236
	High	Paving and Surfacing. Sidewalks. Needs-Large concrete expansion/contraction joints at many concrete walks and curbs need repair and sealing.	\$9,000	\$900-\$3900	\$450-\$1935
	High	Paving and Surfacing. Sidewalks. Needs-No accessible route from Front Street along North Driveway to North Bldg Main Entrance. Add concrete walks along north side west parking lot, regrade drive in front of Main Entrance and reconstruct w/in ADA; add retaining walls, hdcp parking spaces	\$455,700	\$45600-\$196000	\$22785-\$97975
	High	Paving and Surfacing. Sidewalks. Needs-Pedestrian access from East park lot to North \$ South Bldgs exceeds ADA slope Regrade / replace concrete walk from NE corner South Bldg. to new track location	\$14,400	\$1500-\$6200	\$720-\$3096
	High	Paving and Surfacing. Sidewalks. Needs-Replace sidewalks displaced more than 1/2".	\$10,900	\$1100-\$4700	\$545-\$2343
	High	Paving and Surfacing. Sidewalks. Needs-Steep walk at southeast corner of East parking lot of South Bldg. Remove existing walk and replace with new concrete walk adjacent to driveway curb	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Repair 2 holes in exterior masonry at north wall of library	\$900	\$100-\$400	\$45-\$193
	High	Repair cracks in exterior stone façade at 7+ locations (South Bldg)	\$12,600	\$1300-\$5500	\$630-\$2709
	High	Repair cracks in Stucco fascia east \$ south elevations South Bldg. Caulk and repaint	\$7,700	\$800-\$3400	\$385-\$1655
	High	Repair loose brick mortar on south exterior parapet wall of Room 82 (Weight Room)	\$5,500	\$600-\$2400	\$275-\$1182
	High	Repair masonry where water infiltrates mortar joint, 6+ locations (North Bldg)	\$20,200	\$2100-\$8700	\$1010-\$4343
	High	Replace faucets at art sinks located in north building room 42	\$2,300	\$300-\$1000	\$115-\$494
High	Replace floor drains and revise drainage connections within kitchen at south building	\$11,700	\$1200-\$5100	\$585-\$2515	

Douglas County High School cont.

	High	Replace floor sinks and drains and all connected waste piping below the floor within the kitchen of the north building	\$153,700	\$15400-\$66100	\$7685-\$33045
	High	Replace leaking north building teacher's lounge sink and faucet	\$2,300	\$300-\$1000	\$115-\$494
	High	Replace sink faucet at math office in south building	\$1,200	\$200-\$600	\$60-\$258
	High	Replace the wash fountain \$ DF located in the north building wood shop	\$8,800	\$900-\$3800	\$440-\$1892
	High	Revise piping at sinks in classroom 53 of north building to allow for proper fixture operation	\$4,600	\$500-\$2000	\$230-\$989
	High	South 101 Dance, ramp wood flooring boards cupped. Replace and threshold	\$2,300	\$300-\$1000	\$115-\$494
	High	South 102A Office, remove exist'g carpet Provide new carpet and rubber base.	\$1,200	\$200-\$600	\$60-\$258
	High	South 104B Office, 50, 50B, 53B, 66A remove and replace VCT beyond life	\$7,200	\$800-\$3100	\$360-\$1548
	High	South 50A, 50C Office, remove VCT beyond life; provide carpet	\$2,500	\$300-\$1100	\$125-\$537
	High	South Building- southeast entrance exterior wall projecting rowlock brick trim courses have been broken off. Remove and replace all broken rowlock trim and replace with new flush rowlock brick	\$26,500	\$2700-\$11400	\$1325-\$5697
	High	South- Caulk all control joints at South Bldg	\$1,200	\$200-\$600	\$60-\$258
	High	South- Compression seal at ext wall located east of main north entry missing above 4' and loose below 4' - replace with ej cover	\$2,400	\$300-\$1100	\$120-\$516
	High	South- Provide ej cover at exterior brick wall west of main north entry where previous addition meets existing building	\$2,400	\$300-\$1100	\$120-\$516
	High	South- Storage 102B, infill south wall masonry openings	\$2,300	\$300-\$1000	\$115-\$494
Tier 2	Medium	Special HVAC Systems and Equipment. Needs-Provide key switch and push button style to meet code for gas control stations at all science classrooms	\$44,900	\$4500-\$19400	\$2245-\$9653
	Medium	Paving \$ Surfacing. Needs-Poor access for trash trucks north side North Bldg. Reposition dumpster area for direct truck access.	\$1,800	\$200-\$800	\$90-\$387
	Medium	Paving and Surfacing. Parking Lot. Needs-Regrade and repave concrete paving area at North Bldg Industrial Arts area, ponds water, icing.	\$29,700	\$3000-\$12800	\$1485-\$6385
	Medium	Paving and Surfacing. Parking Lot. Needs-Regrade and repave flat parking area north of North Bldg, poor drainage. Add area drains	\$144,800	\$14500-\$62300	\$7240-\$31132
	Medium	Interior Construction. Needs-Upgrade restrooms in two storey addition, restroom in north hall, and old locker rooms.	\$40,500	\$4100-\$17500	\$2025-\$8707
	Medium	Carpeting. Needs-Replace carpeting in 2 story addition. media center. and teachers lounge	\$81,000	\$8100-\$34900	\$4050-\$17415
	Medium	Fabricated Toilet Partitions. Needs-Replace toilet partitions in 2 sets of restrooms at 2 story addition	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Lavatories. Needs-Replace lavs and sinks in 2 sets of restrooms at 2 story addition, restroom in north hall, and old locker rooms	\$21,300	\$2200-\$9200	\$1065-\$4579
	Medium	Flooring Restroom. Needs-Replace ceramic tile flooring with seamless acrylic in two sets of restrooms at 2 story addition	\$12,200	\$1300-\$5300	\$610-\$2623
	Medium	Stair, Tread \$ Landing Finishes. Needs-Replace stairtread west entry north stairs and small stairs from offices to lower level	\$1,700	\$200-\$800	\$85-\$365
	Medium	North- additional vent in Jewelry classroom requested to allow 6 work stations + two mini kilns	\$15,400	\$1600-\$6700	\$770-\$3311
	Medium	Edge of wood Stage floor broken, tacky.	\$2,700	\$300-\$1200	\$135-\$580

Douglas County High School cont.

Tier 2	Medium	Eliminate neutralization at specific locations in the south building	\$4,600	\$500-\$2000	\$230-\$989
	Medium	Remove abandoned water and waste piping rendered inactive by the removal of evaporative cooling equipment	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Vehicle circulation problems at South Driveway for bus entry/exit. Driveway widened in Phase 1--restripe. Add right turn lane under Stadium Expansion. Requires relocating traffic light pole and electrical box.	\$1,800	\$200-\$800	\$90-\$387
	Medium	Special HVAC Systems and Equipment. Needs-Revise natural gas piping feeding to the north classroom wing to be overhead	\$2,500	\$300-\$1100	\$125-\$537
Tier 3	High	Column Foundations. Needs-South west corner court yd inner wall is separating from pillar.	\$31,300	\$3200-\$13500	\$1565-\$6729
	High	Suspended Ceilings. Needs-Replace 33% of ceiling tiles, stained or damaged. Replace grid in classrooms	\$35,100	\$3600-\$15100	\$1755-\$7546
	High	Suspended Ceilings. Needs-Replace ceiling tiles entire building as needed.	\$22,000	\$2200-\$9500	\$1100-\$4730
	High	Auto Shop sectional doors operational, need minor repairs to replace seals and missing rollers.	\$700	\$100-\$400	\$35-\$150
	High	Blinds and Other Window Treatment. Needs-Add window coverings at faculty lounge	\$8,100	\$900-\$3500	\$405-\$1741
	High	Classroom #54 concrete slab is raised 1"-2" for entire center portion of room. +/- 4' wide apron slopes down at entire room perimeter.	\$22,400	\$2300-\$9700	\$1120-\$4816
	High	Fixed Walls. Needs-KALWALL NORTH / Some leaks in middle hall	\$700	\$100-\$400	\$35-\$150
	High	Insulation. Needs-Replace pipe insulation on all domestic hot water and hot water circulation piping throughout if piping not replaced	\$106,600	\$10700-\$45900	\$5330-\$22919
	High	North Bldg groundface CMU stained, grimy. Paint w/ oil-based enamel	\$18,000	\$1800-\$7800	\$900-\$3870
	High	North- exit doors at south vestibule from main gym racked, not closing properly - replace	\$10,600	\$1100-\$4600	\$530-\$2279
	High	Patch cracks in GB bulkheads at north wall of entry Lobby	\$6,800	\$700-\$3000	\$340-\$1462
	High	Repair cracked masonry at each truss location above windows; add control joints (south wall)	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Repair cracked masonry at north wall of Dance Studio	\$4,600	\$500-\$2000	\$230-\$989
	High	Repair cracked masonry at north wall of north stair corridor	\$4,600	\$500-\$2000	\$230-\$989
	High	Repair cracked masonry at SW interior corner of Commons	\$11,200	\$1200-\$4900	\$560-\$2408
	High	Repair cracked masonry over window at interior corridor.(NW corner of courtyard)	\$3,500	\$400-\$1600	\$175-\$752
	High	Repair floor slab cracks or joints approx. 7 locations (damaged flooring)	\$13,500	\$1400-\$5900	\$675-\$2902
	High	Repair masonry mortar at drinking fountains southwest corner of gym	\$2,300	\$300-\$1000	\$115-\$494
	High	Repair masonry near base of drain alcove at Wood Shop	\$2,300	\$300-\$1000	\$115-\$494
	High	Replace loose brick cap at truss location (south wall Science #11	\$1,200	\$200-\$600	\$60-\$258
	High	South Communication Room 60G, replace missing east wall above ceiling CMU face shell	\$1,200	\$200-\$600	\$60-\$258
	High	South- Corridor 100G, replace broken face shell and infill gap around north wall fire alarm horn.	\$1,200	\$200-\$600	\$60-\$258
	High	South-Gym 103 gyp board at east wall above lockers is damaged by balls- replace with more durable material	\$5,600	\$600-\$2500	\$280-\$1204
	High	Superstructure. Need-Repair cracks in one concrete column south of Science #11 and one south of Commons	\$16,300	\$1700-\$7100	\$815-\$3504
High	Suspended Ceilings. Needs-101A, remove and replace water damaged portion of gyp. board. ceiling (at NW). Repair 140 sf, Fire tape new and existing GB joints.	\$1,700	\$200-\$800	\$85-\$365	

Douglas County High School cont.

Tier 3	High	Suspended Ceilings. Needs-9x9 ACT in Vocal Office loose and missing tiles. Install 2x4 SAG	\$700	\$100-\$400	\$35-\$150
	High	Suspended Ceilings. Needs-Corridor 51D ceiling tiles missing and damaged - replace	\$200	\$100-\$100	\$10-\$43
	High	Temp CR area at South Bldg bare from foot traffic. Dress up grade and reseed	\$4,000	\$400-\$1800	\$200-\$860
	High	Upper Floor. Needs-South Restroom 7P, install new floor expansion joint cover along east wall	\$1,700	\$200-\$800	\$85-\$365
	Medium	Channel at south side of Southwest Playfield (from parking lot to Front Street) is eroding. Install underground storm drain between upper and lower inlets.	\$57,900	\$5800-\$24900	\$2895-\$12448
	Medium	Either side of the path north of East Parking Lot has bare spots. Reseed, sod, irrigate and add fence to control traffic.	\$18,900	\$1900-\$8200	\$945-\$4063
	Medium	Erosion and poor drainage at southwest corner of South Bldg parking lot. Regrade, repair asphalt, curb \$ gutter / enlarge inlet.	\$27,000	\$2700-\$11700	\$1350-\$5805
	Medium	Erosion of hill east of South Bldg. Regrade, add fence, native seed and irrigation	\$27,500	\$2800-\$11900	\$1375-\$5912
	Medium	Fences and Gates. Needs-Chain Link fence at Metal Shop non-conforming to DCSD Standard	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Fences and Gates. Needs-Fences and Gates. Needs-Multiple social paths exist through native seed areas. Add site fencing to limit cut through by students.	\$14,400	\$1500-\$6200	\$720-\$3096
	Medium	Fences and Gates. Needs-Repair/replace fence at walks at parking lot west of North bldg.	\$9,000	\$900-\$3900	\$450-\$1935
	Medium	Fences and Gates. Needs-Sections of 6' ht. chain link fence at the south perimeter of the school are barbed, not knuckled.	\$27,800	\$2800-\$12000	\$1390-\$5977
	Medium	Northeast side of North Bldg has only sparse native seed. Add cobble, shrub beds, irrigation, and sod w/ mow band.	\$53,900	\$5400-\$23200	\$2695-\$11588
	Medium	Old wooden site furnishings present splinter hazard. Replace w/ non-wooden	\$8,600	\$900-\$3700	\$430-\$1849
	Medium	Pedestrians are walking up a steep dirt path from south parking lot to South Bldg North Entry. Re-landscape to stop traffic	\$10,900	\$1100-\$4700	\$545-\$2343
	Medium	Ponding water at riprap clogged inlet south of south Stadium building. Regrade area and clean out riprap	\$20,200	\$2100-\$8700	\$1010-\$4343
	Medium	Poor drainage at north side of South Bldg and at greenhouse. Regrade and modify storm pipes at existing downspouts.	\$31,500	\$3200-\$13600	\$1575-\$6772
	Medium	Poor drainage east side of North Bldg at lower floor exits. Pipe existing downspouts to existing storm system.	\$3,800	\$400-\$1700	\$190-\$817
	Medium	Poor drainage in Courtyard of North Bldg. Rework grading, flatwork, storm system.	\$144,700	\$14500-\$62300	\$7235-\$31110
	Medium	Rusty, exposed steel edger northwest of South Bldg. Replace w/ bend-a-board.	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Backfill needed at low areas at edge of sidewalks and curbs east side of bus loop	\$4,600	\$500-\$2000	\$230-\$989
	Medium	Backfill needed at low areas at edge of sidewalks and curbs north side of drive to east parking lot.	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Install headwalls at each end of CMP northeast corner South Bldg.	\$9,000	\$900-\$3900	\$450-\$1935
	Medium	Paint Interior. Needs-Paint cmu \$ gyp board in main, center and east halls	\$44,900	\$4500-\$19400	\$2245-\$9653
	Medium	Repair walls \$ door frames, repaint South in lower level, faculty lounge, special ed, admin, support spaces	\$94,300	\$9500-\$40600	\$4715-\$20274
	Medium	Vinyl Covering. Need-Replace vinyl covered sheetrock below skylights in south hallway. Appears to have water damage.	\$4,100	\$500-\$1800	\$205-\$881

Douglas County High School cont.

	Medium	Fences and Gates. Needs-Balls from Southwest Playfield roll onto South Drive. Add estate fence with mesh along south side of Drive.	\$16,100	\$1700-\$7000	\$805-\$3461
	Medium	No acoustical wall panels in Vocal Room; low ceilings substandard acoustics	\$33,700	\$3400-\$14500	\$1685-\$7245
	Medium	Paint Interior. South 100I Kitchen, 100J Dishwash. Needs-CMU wall surface not smooth per Health Dept. standards. Apply filler or veneer plaster and epoxy paint.	\$42,700	\$4300-\$18400	\$2135-\$9180
Tier 4	Medium	Other Landscape Features. Needs-Improve native growth on south side of building	\$8,100	\$900-\$3500	\$405-\$1741
	Medium	Other Landscape Features. Needs-Erosion on small section of hill at east stadium entrance. Spilling on to side wall. Improve landscape to fix	\$2,000	\$200-\$900	\$100-\$430
	Medium	Remove existing dirt road to Central Playfield from NE corner South Bldg.	\$13,500	\$1400-\$5900	\$675-\$2902
	Medium	Repair & replace landscape and mulch in parking lots at north building.	\$29,700	\$3000-\$12800	\$1485-\$6385
	Medium	Replace mulch at northwest, west and southwest perimeter of North Bldg.	\$27,000	\$2700-\$11700	\$1350-\$5805
	Medium	Add shade trees west of South Bldg west parking area plus 12 trees in 4 islands in Northwest Parking Lot	\$26,000	\$2600-\$11200	\$1300-\$5590
	Medium	Provide dishwasher at teacher's lounge in south building	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Provide disposer at teacher's lounge sink in south building	\$1,200	\$200-\$600	\$60-\$258
	Medium	Playing Fields. Needs-Discus Area; old style backstop - replace w/ DSCD standard	\$5,500	\$600-\$2400	\$275-\$1182
	Medium	Playing Fields. Needs-Shot Put Area; old style backstop - replace w/ DCSD standard	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Front Street frontage has no landscaping and little irrigation. Improve school presence with irrigated landscaping	\$157,900	\$15800-\$67900	\$7895-\$33948

Pine Lane Elementary

Tier 2	High	Paving & Surfacing. Bus Loop. Needs-Resurface asphalt bus loop	\$35,800	\$3600-\$15400	\$1790-\$7697
	High	Paving & Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk as necessary	\$9,000	\$900-\$3900	\$450-\$1935
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Paving and Surfacing. Parking Lot. Needs-Resurface asphalt parking lot	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk, front entry	\$22,300	\$2300-\$9600	\$1115-\$4794
	High	Playing Fields. Playground. Needs-Replace asphalt playground	\$26,800	\$2700-\$11600	\$1340-\$5762
	High	Playing Fields. Playground. Needs-Replace asphalt playground	\$17,900	\$1800-\$7700	\$895-\$3848
	Medium	Site Improvements. Needs-Improve parking areas and access	\$54,600	\$5500-\$23500	\$2730-\$11739
Tier 3	High	Interior Door Frames. Needs-Sand/repaint interior door frames	\$20,100	\$2100-\$8700	\$1005-\$4321
	High	Interior Doors. Needs-Refinish doors	\$40,200	\$4100-\$17300	\$2010-\$8643
	High	Suspended Ceilings. Needs-Replace grid ceiling and tile in original building	\$63,800	\$6400-\$27500	\$3190-\$13717
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$5,000	\$500-\$2200	\$250-\$1075
	High	Wall Foundations. Needs-Recaulk foundation where concrete meets	\$7,200	\$800-\$3100	\$360-\$1548
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$71,500	\$7200-\$30800	\$3575-\$15372
	High	Playing Fields. Multi-use Field. Needs-Renovate multi-use field	\$71,500	\$7200-\$30800	\$3575-\$15372
	Medium	Fire Sprinkler Water Supply. Needs-Fire sprinkle building	\$357,000	\$35700-\$153600	\$17850-\$76755
	Medium	Fire Sprinkler Water Supply. Needs-Install sprinkler system	\$374,900	\$37500-\$161300	\$18745-\$80603
	Medium	Site Improvements. Needs-Repair drainage issues at front of site	\$9,000	\$900-\$3900	\$450-\$1935
	Medium	Vinyl Coverings. Needs-Minor repair of vinyl coverings	\$4,600	\$500-\$2000	\$230-\$989
	Medium	Vinyl Coverings. Needs-Repair or replace vinyl coverings	\$5,300	\$600-\$2300	\$265-\$1139
	Medium	Flooring Tile. Replace entry way tile	\$10,400	\$1100-\$4500	\$520-\$2236
Tier 4	High	Seeding and Sodding. Needs-Renovate grass area around school.	\$9,000	\$900-\$3900	\$450-\$1935
	High	Seeding and Sodding. Needs-Renovate grass area around school.	\$9,000	\$900-\$3900	\$450-\$1935

Cantril

Tier 2	Medium	Exterior Wall Construction. Needs-Re-point all stone masonry. Repair chimneys.	\$21,300	\$2200-\$9200	\$1065-\$4579
	Medium	Exterior Windows. Needs-Renovate all exterior windows, includes abatement	\$191,300	\$19200-\$82300	\$9565-\$41129
	Medium	Fabricated Toilet Partitions. Needs-Refurbish or replace toilet partitions in boys preschool restroom PS	\$900	\$100-\$400	\$45-\$193
	Medium	Flooring Carpet. Needs-Replace carpet in main hallway PS	\$1,700	\$200-\$800	\$85-\$365
	Medium	Flooring Hallways/Classrooms. Needs-Replace VCT in preschool classrms and offices, includes abatement PS	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Flooring Restroom. Needs-Replace VCT in all restrooms, includes abatement PS	\$1,700	\$200-\$800	\$85-\$365
	Medium	Interior Door Frames. Needs-Refinish door frames PS	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Interior Doors. Needs-Refinish doors PS	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Interior Doors. Needs-Replace approx 50% of doors. Sand and refinish rest of doors (historic)	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Interior Windows and Storefronts. Needs-Refinish window frames PS	\$900	\$100-\$400	\$45-\$193
	Medium	Lathe and Plaster. Needs-Repair multiple cracks in plaster walls	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Lavatories. Needs-Upgrade lavatories PS	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Paint Exterior. Needs-Paint all exterior wood after restoration	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Sink Countertops. Needs-Replace all sink countertops, 3 total PS	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Sinks. Needs-Replace sinks at preschool hall and boys restroom (2) PS	\$1,400	\$200-\$700	\$70-\$301
	Medium	Theater and Stage Equipment. Needs-Replace folding stage curtain	\$6,900	\$700-\$3000	\$345-\$1483
	Medium	Tile Ceilings. Needs-Replace/remove glue down tiles in hallway, abatement may be needed PS	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Ceiling Finishes. Needs-Repair cracked plaster ceiling in foyer area, stage, and stage hallways, repaint. Clean and restrain wood ceiling in gym	\$12,700	\$1300-\$5500	\$635-\$2730
	Medium	Ceiling Finishes. Needs-Repair cracked plaster ceiling in foyer area, stage, and stage hallways, repaint. Clean and restrain wood ceiling in gym	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Exterior Wall Construction. Needs-Repair, painting of stucco at restroom addition	\$3,400	\$400-\$1500	\$170-\$731
	Medium	Fixed Casework. Needs-Refinish existing storage cupboards and cabinets	\$1,700	\$200-\$800	\$85-\$365
	Medium	Flooring Carpet. Needs-Replace carpet on stairs and room 102. Replace carpet squares upper level, landing and two offices, or remove and refinish wood floor. Carpet newer in 204, 205. Newest in 107	\$12,700	\$1300-\$5500	\$635-\$2730
	Medium	Other Doors and Entrances. Needs-Replace north entry storefront. Repair work done to stop rust. PS	\$4,200	\$500-\$1900	\$210-\$903
Medium	Paving and Surfacing. Sidewalks. Needs-Replace section of sidewalk at south preschool room. Fix trip hazard at north entry landing PS	\$2,600	\$300-\$1200	\$130-\$559	
Medium	Paving and Surfacing. Sidewalks. Needs-Replace sidewalk at SE entry, fix drainage issues	\$8,500	\$900-\$3700	\$425-\$1827	
Medium	Storage Shelving and Lockers. Needs-Refurbish storage cabinets in main hallway PS	\$900	\$100-\$400	\$45-\$193	
Medium	Site Lighting Controls. Needs-Add site lighting controls	\$10,700	\$1100-\$4700	\$535-\$2300	
Medium	Flooring Hallways/Classrooms. Needs-Sand and refinish all wood flooring	\$21,300	\$2200-\$9200	\$1065-\$4579	
Tier 3	Medium	Blinds and Other Window Treatment. Needs-Replace blinds as necessary	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Fixed Casework. Needs-Replace casework in classrooms, sink in preschool PS	\$2,300	\$300-\$1000	\$115-\$494
	Medium	Interior Door Frames. Needs-Sand down and refinish door frames. Some might need to be replaced.(historic)	\$8,500	\$900-\$3700	\$425-\$1827

Cantril

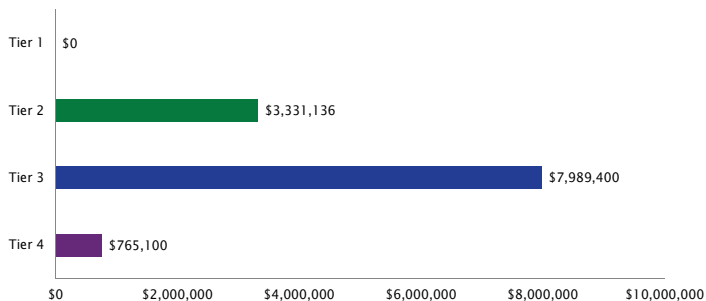
Tier 3	Medium	Regular Stairs. Needs-Restoration of 2 sets of outside metal stairs	\$2,600	\$300-\$1200	\$130-\$559
	Medium	Wall Foundations. Needs-Recaulk areas of potential water infiltration	\$3,500	\$400-\$1600	\$175-\$752
	Medium	Fences and Gates. Needs-Repair chain link fencing around front perimeter. Remove vegetation damaging fence	\$1,700	\$200-\$800	\$85-\$365
	Medium	Standard Slab on Grade. Needs-Repair buckling at men's restroom floor	\$9,400	\$1000-\$4100	\$470-\$2021
	Medium	Paint Interior	\$15,600	\$1600-\$6800	\$780-\$3354
	Medium	Fire Sprinkler Standpipe. Needs-Install sprinkler service and standpipe	\$34,000	\$3400-\$14700	\$1700-\$7310
	Medium	Fire Sprinkler Water Supply. Needs-Install sprinkler system	\$85,100	\$8600-\$36600	\$4255-\$18296
	Medium	Paint Interior. Needs-Paint Interior PS	\$6,400	\$700-\$2800	\$320-\$1376
	Medium	Wainscoating. Needs-Sand and refinish wood wainscoating (historic). Repaint if only option	\$21,300	\$2200-\$9200	\$1065-\$4579
	Low	Chilled Water Systems. Needs-Add air cooled chiller	\$60,900	\$6100-\$26200	\$3045-\$13093
	Low	Interior Windows & Storefronts. Needs-Re-install glass windows on hallway walls for daylighting on second level.	\$5,100	\$600-\$2200	\$255-\$1096
Tier 4	Medium	Other Landscape Features. Needs-Re-landscape area in front of building	\$42,500	\$4300-\$18300	\$2125-\$9137

North Transportation Terminal

Tier 2	Medium	Paving and Surfacing. Sidewalks. Needs-Install paved sidewalk to bus area and south employee parking from building	\$34,000	\$3400-\$14700	\$1700-\$7310
	Medium	Paving and Surfacing. Sidewalks. Needs-Repair/replace sections of sidewalk in front of building	\$17,000	\$1700-\$7400	\$850-\$3655
	Medium	Paving and Surfacing. Parking Lot. Needs-Install asphalt for bus parking east area and employee parking south of building	\$297,600	\$29800-\$128000	\$14880-\$63984
Tier 3	Medium	Blinds and Other Window Treatment. Needs-Replace window blinds	\$8,500	\$900-\$3700	\$425-\$1827
	Medium	Interior Door Frames. Needs-Replace door jambs as necessary	\$6,900	\$700-\$3000	\$345-\$1483
	Medium	Interior Windows and Storefronts. Needs-Sand and refinish/paint interior windows	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Tile Ceilings. Needs-Remove old tile from ceilings (abatement). Refinish exposed areas	\$38,300	\$3900-\$16500	\$1915-\$8234
	Medium	Curbs, Rails and Barriers. Needs-Add curb and gutter for proper drainage	\$42,500	\$4300-\$18300	\$2125-\$9137
	Medium	Suspended Ceilings. Needs-Replace ceiling tile. Replace some grid sections	\$9,900	\$1000-\$4300	\$495-\$2128
	Medium	Retaining Walls. Needs-Repair/replace retaining walls at NW area of building at parking lot, entrance to site on east side	\$4,200	\$500-\$1900	\$210-\$903
	Medium	Site Lighting Poles. Needs-Add site lighting to all bus and employee parking	\$34,000	\$3400-\$14700	\$1700-\$7310
	Medium	Paint Interior. Needs-Paint interior	\$12,700	\$1300-\$5500	\$635-\$2730
	Low	Miscellaneous Structures. Markee sign. Needs-Install markee sign at front entry.	\$4,200	\$500-\$1900	\$210-\$903
Tier 4	Medium	Other Landscape Features. Needs-Remove dirt pile at north end of east parking lot for future expansion	\$6,000	\$600-\$2600	\$300-\$1290
	Medium	Other Landscape Features. Needs-Trim cottonwood trees on canal to keep from damaging fencing	\$4,200	\$500-\$1900	\$210-\$903
	Low	Planting. Needs-Install ornamental landscaping at front entry, replace dead trees around site	\$8,500	\$900-\$3700	\$425-\$1827
	Low	Flagpoles. Needs-Relocate flagpole to front entry	\$900	\$100-\$400	\$45-\$193

Appendix 3 Security Facility Camera Options

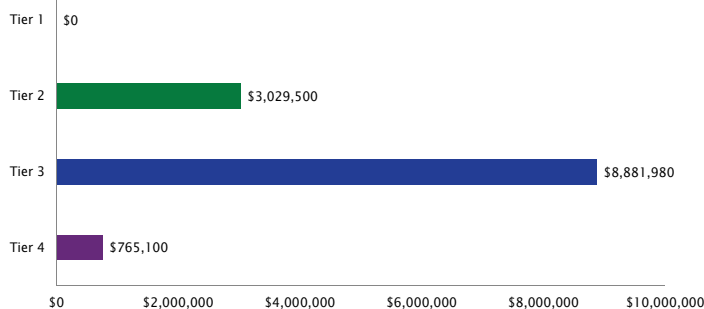
Minimum Funding Option



Priority	Project Description	Estimated Cost 2017	Potential Regulatory, Professional Services, and Contracting Costs
Tier 2	Facility Cameras	\$301,636	\$407,209
	Transportation Bus Cameras	\$2,800,000	
	800MHz Radios	\$229,500	
Tier 3	Incident Management Solution	\$200,000	
	School Radio Upgrade	\$5,975,000	
	Emergency Operations Center Equipment	\$60,000	
	In-House Alarm Monitoring	\$75,000	
	Server Rotation	\$179,400	
	Access Control Upgrade	\$1,500,000	
Tier 4	Security Doors	\$758,300	
	Badge Printer	\$6,800	

Estimated Total Unfunded Capital Needs: \$12,085,636
 Estimated Project Management Costs: \$407,209
Estimated Total Project Cost: \$12,492,845

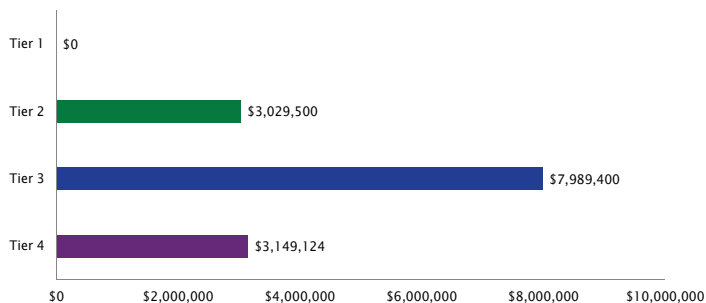
Recommended Funding Option



Priority	Project Description	Estimated Cost 2017	Potential Regulatory, Professional Services, and Contracting Costs
Tier 2	Transportation Bus Cameras	\$2,800,000	
	800 MHz Radios	\$229,500	
Tier 3	Facility Cameras	\$892,580	\$1,204,983
	Incident Management Solution	\$200,000	
	School Radio Upgrade	\$5,975,000	
	Emergency Operations Center Equipment	\$60,000	
	In-House Alarm Monitoring	\$75,000	
	Access Control Upgrade	\$1,500,000	
Tier 4	Server Rotation	\$179,400	
	Security Doors	\$758,300	
	Badge Printer	\$6,800	

Estimated Total Unfunded Capital Needs: \$12,676,580
 Estimated Project Management Costs: \$1,204,983
Estimated Total Project Cost: \$13,881,563

Preferred Funding Option



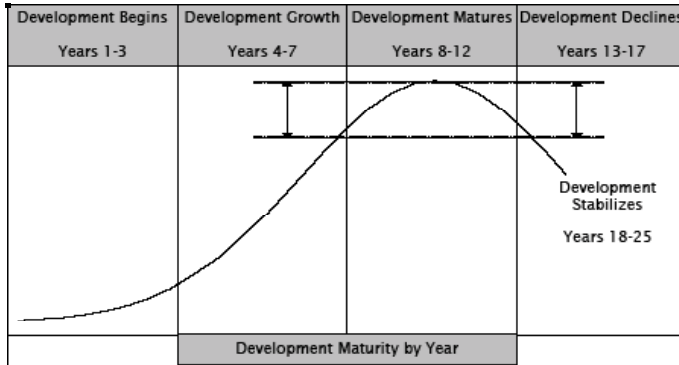
Priority	Project Description	Estimated Cost 2017	Potential Regulatory, Professional Services, and Contracting Costs
Tier 2	Transportation Bus Cameras	\$2,800,000	
	800MHz Radios	\$229,500	
Tier 3	Incident Management Solution	\$200,000	
	School Radio Upgrade	\$5,975,000	
	Emergency Operations Center Equipment	\$60,000	
	In-House Alarm Monitoring	\$75,000	
	Server Rotation	\$179,400	
	Access Control Upgrade	\$1,500,000	
Tier 4	Facility Cameras	\$2,384,024	\$3,218,433
	Security Doors	\$758,300	
	Badge Printer	\$6,800	

Estimated Total Unfunded Capital Needs: \$14,168,024
 Estimated Project Management Costs: \$3,218,433
Estimated Total Project Cost: \$17,386,457



Development Growth Cycle

The following diagram illustrates the correlation between residential housing development (certificates of occupancy) and the generation of school-age children. As neighborhoods develop and build out, there is a lag time of nearly seven to 12 years before the number of students generated at elementary, middle, and high school reaches its maximum impact in a school. As neighborhoods mature and students grow older, some families move away and neighborhoods continue their cycle of generating students again, only this time at a more consistent pace.



The district may utilize the four-track year-round calendar at the elementary level, and mobile classrooms at all levels to help mitigate the peak impact of development as depicted by the dotted lines on the diagram.

Development Impact

When determining the impact of residential development, Douglas County School District evaluates how many students are expected from any given development based on density. Once the student generation is calculated, it is then determined how much land would be required to build a school as well as capital mitigation. Often times, a development will generate acreage, but not enough for an entire school site. In these cases, the district may choose to accept a portion of the acreage in a commercial area if there is a commercial area as part of the project. These areas would help mitigate the growing needs for support service space as the district grows. The district may also collect cash-in-lieu of land, or a combination of both. Collecting cash-in-lieu for smaller dedications allows the district to use this money to mitigate capacity needs with mobile classrooms, construction modifications, or the purchase of land in the future with consolidated funding.

The district has a voluntary capital mitigation process that evaluates the amount of taxes a development will produce, including both residential and commercial if applicable, and determines the gap between what is paid to the district in taxes and what it costs to construct a school through bonds and debt retirement. The district evaluates the impact over a 20, 30, and 40-year school building life cycle. Knowing that buildings have a longer life than 20-years, but acknowledging building components have limited operational life spans, the District asks the developer to voluntarily contribute mid-range between the 30 and 40-year numbers.

Although not inclusive of all development in the planning areas, a development summary in each Planning Area is provided on the following pages. These developments are in the building phase or in various stages of the review processes within the County. A map and summary table of the sites dedicated to the district for future schools have also been included.

Development Summary-North Planning Area

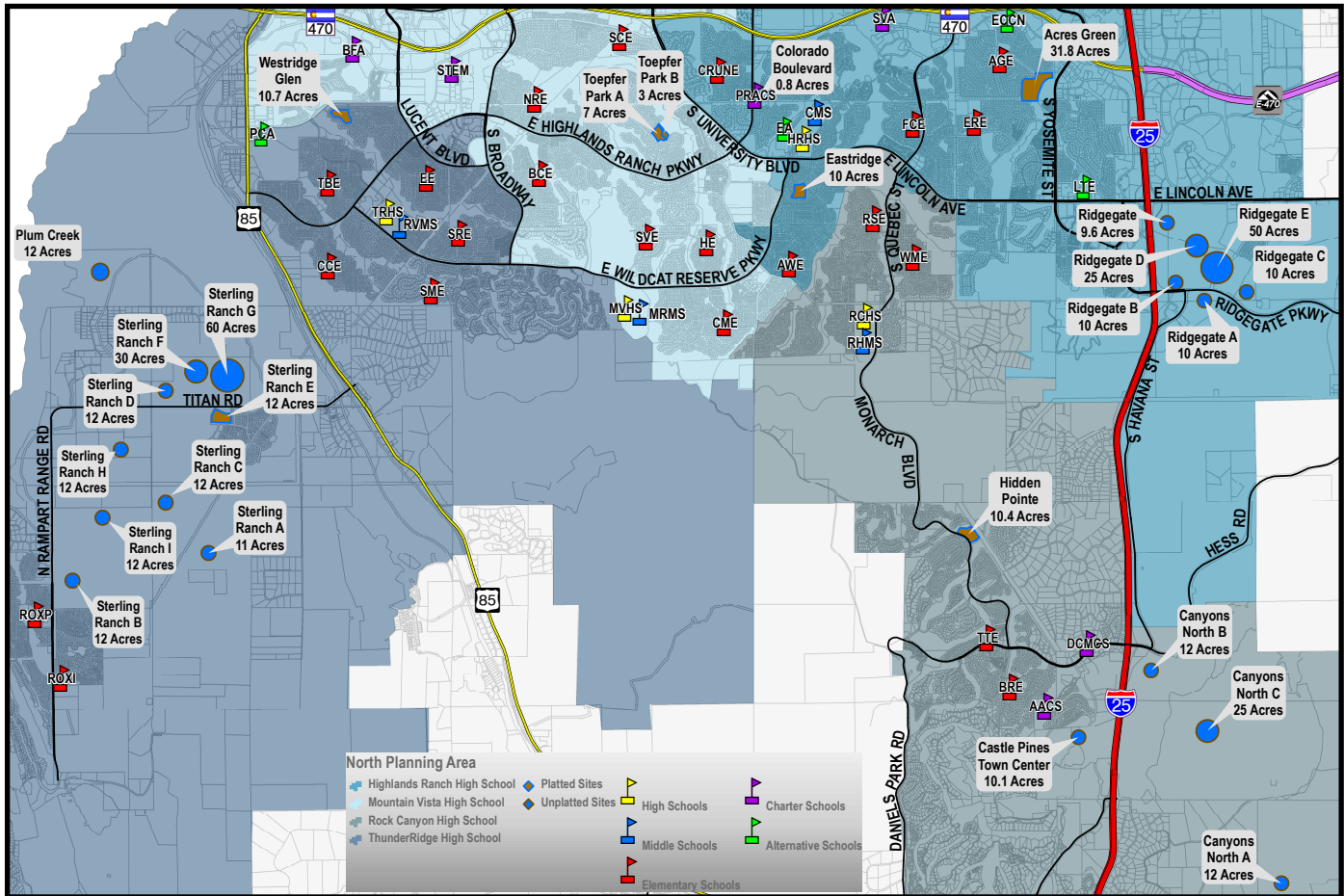
*Highlands Ranch, Lone Tree, Castle Pines, Roxborough, and portions of Littleton

Development	Jurisdiction	Zoned	Built to Date	Built from 1/2016-1/2017	Built from 1/2012-1/2017
470 Frontage CO	Douglas County	240	112	0	0
Acres Green	Douglas County	1,053	1,053	0	0
Bluffmont Estate Condos (aka Bluffmont Park Mansion Homes)	Lone Tree	93	93	0	0
Carriage Club	Lone Tree	249	279	0	0
Castle Pines Town Center	Castle Pines	675	0	0	0
Castle Pines Village	Douglas County	2,792	1,635	22	116
Centennial Ridge	Lone Tree	357	123	0	0
Chatfield East	Douglas County	103	98	1	1
Chatfield Farms	Douglas County	428	347	0	0
Club Terrace Condos	Lone Tree	65	65	0	0
Erickson	Douglas County	1,971	785	0	207
Erickson	Littleton	180	180	0	180
Fairways at Lone Tree	Lone Tree	108	108	0	0
Happy Canyon (Includes Ranch and South Subdivisions)	Douglas County	207	196	1	3
Heritage Hills (Amendment 6)	Lone Tree	3,073	1,199	21	82
Heritage Hills 002	Douglas County	1,100	533	101	101
Highlands Ranch	Douglas County	36,020	34,473	167	1,250
Hunting Hill	Douglas County	528	108	6	105
Intravest 320	Douglas County	980	831	0	0
Inverness	Douglas County	457	361	88	337
Inverness Views	Douglas County	283	0	0	0
Lagae Ranch	Castle Pines	631	0	0	0
Littleton Commons West	Littleton	385	385	385	385
Lone Tree	Lone Tree	938	938	0	1
Masters Park Condominiums	Lone Tree	96	96	0	0
OmniPark	Douglas County	230	230	0	230
Plum Creek Planned Development	Douglas County	1,100	0	0	0
Province Center	Douglas County	536	535	0	0
Ridgegate (Includes Ridgegate, Ridgegate Section 15, and Ridgegate East)	Lone Tree	12,000	1,385	66	797
River Canyon	Douglas County	250	42	11	16
Roxborough Park	Douglas County	2,868	947	0	19
Roxborough Village	Douglas County	2,748	1,993	0	1
Sterling Ranch	Douglas County	12,050	0	0	0
Surrey Ridge (Includes Estates and Peak Subdivisions)	Douglas County	196	169	1	1
Taos of Lone Tree	Lone Tree	76	76	0	0
The Canyons (North Canyons)	Castle Pines	2,500	0	0	0
The Estates at Park Meadows	Douglas County	518	518	0	0
The Fairways	Lone Tree	301	301	0	0
Wolhurst	Littleton	57	57	0	0

- The table above summarizes the number of units zoned and built (to date) in the North Planning Area. The North Planning Area consists of Highlands Ranch, Lone Tree, Castle Pines, Roxborough, and portions of Littleton. Data on the number of units zoned and built was collected from Douglas County Department of Community Development, City of Littleton, City of Castle Pines, and the City of Lone Tree. Developments shaded in gray are those developments that have not been active for the last five years, i.e., no homes have been built in that development since January of 2012. Developments shaded in yellow are those developments that have been approved or are in the review phase with the local land use jurisdiction but have not yet begun to build out. Currently, the fastest moving developments in the North Planning Area are Littleton Commons West, Highlands Ranch, Heritage Hills, and Inverness.

Land Inventory-North Planning Area

- The table and map below show the dedicated school sites in the North Planning Area.



Feeder	Site Name	Site Type	Site Size (Acres)	Site Status
Highlands Ranch High School	Acres Green	Elementary	31.83	Platted
Highlands Ranch High School	Eastridge	Elementary	10.041	Platted
Highlands Ranch High School	Colorado Boulevard	Alternative Site	0.756	Platted
Highlands Ranch High School	Ridgegate B	Elementary	10	Unplatted
Highlands Ranch High School	Ridgegate C	Elementary	10	Unplatted
Highlands Ranch High School	Ridgegate D	Middle	25	Unplatted
Highlands Ranch High School	Ridgegate E	High	50	Unplatted
Highlands Ranch High School	Ridgegate	Elementary	9.63	Unplatted
Highlands Ranch High School	Ridgegate A	Elementary	10	Unplatted
Mountain View High School	Toepfer Park A	Elementary	6.984	Platted
Mountain View High School	Toepfer Park B	Elementary	3.016	Platted
Rock Canyon High School	Hidden Pointe	Elementary	10.44	Platted
Rock Canyon High School	Canyons North B	Elementary	12	Unplatted
Rock Canyon High School	Canyons North A	Elementary	12	Unplatted
Rock Canyon High School	Canyons North C	Middle	25	Unplatted
Rock Canyon High School	Castle Pines Village	Elementary	10.1	Unplatted
ThunderRidge High School	Westridge Glen	Elementary	10.677	Platted
ThunderRidge High School	Sterling Ranch E	Elementary	12	Platted
ThunderRidge High School	Sterling Ranch A	Elementary	11	Unplatted
ThunderRidge High School	Sterling Ranch B	Elementary	12	Unplatted
ThunderRidge High School	Sterling Ranch C	Elementary	12	Unplatted
ThunderRidge High School	Sterling Ranch D	Elementary	12	Unplatted
ThunderRidge High School	Sterling Ranch F	Middle	30	Unplatted
ThunderRidge High School	Sterling Ranch G	High	60	Unplatted
ThunderRidge High School	Sterling Ranch H	Elementary	12	Unplatted
ThunderRidge High School	Sterling Ranch I	Elementary	12	Unplatted
ThunderRidge High School	Plum Creek	Elementary	12	Unplatted

Development Summary-West Planning Area

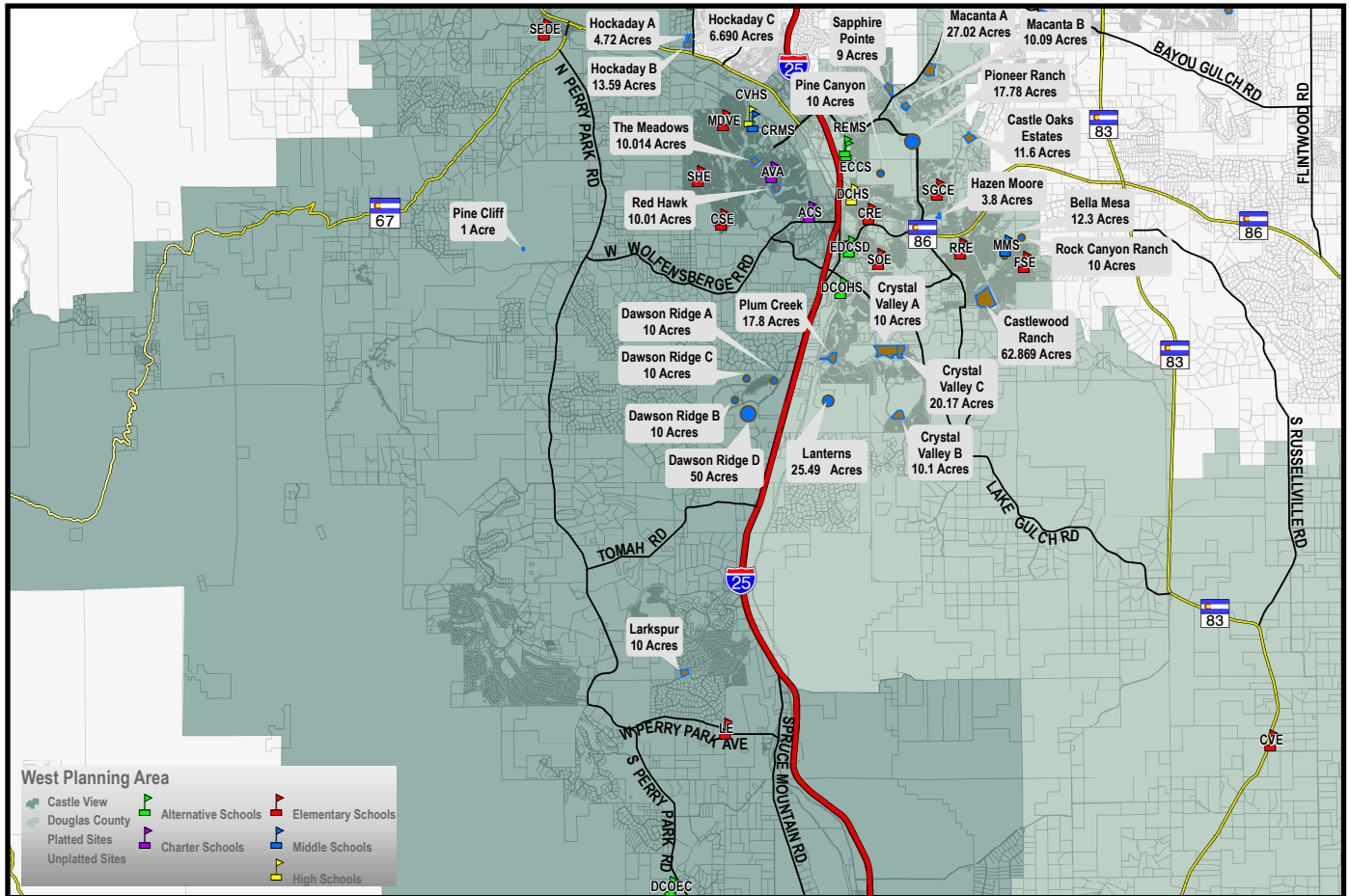
*Castle Rock, Sedalia, and Larkspur

Development	Jurisdiction	Zoned	Built to Date	Built from 1/2016-1/2017	Built from 1/2012-1/2017
Arbors	Castle Rock	118	0	0	0
Auburn Ridge	Castle Rock	289	90	0	90
Bell Mountain Ranch	Douglas County	309	305	1	3
Brookwood	Castle Rock	72	43	11	41
Cambridge Heights	Castle Rock	100	0	0	0
Canyons South (Macanta)	Douglas County	968	0	0	0
Castle Highlands	Castle Rock	490	324	1	2
Castle Meadows	Castle Rock	288	0	0	0
Castle Oaks (aka Terrain)	Castle Rock	2,767	984	278	665
Castle Pines Commercial (Includes Promenade)	Castle Rock	1550	750	0	248
Castle Ridge East	Castle Rock	30	28	-3	3
Castle Rock Estates (Diamond Ridge)	Castle Rock	126	126	2	5
Castlevue Estates (Includes The Oaks of Castle Rock)	Castle Rock	574	106	106	21
Castlewood Ranch	Castle Rock	1300	1242	24	90
Central Castle Rock (Downtown)	Castle Rock	2421	2310	0	0
Christy Ridge	Douglas County	120	115	0	0
Covenant at Castle Rock	Castle Rock	58	6	6	6
Crystal Valley Ranch	Castle Rock	3475	729	82	251
Dawson Ridge	Castle Rock	7900	0	0	0
Founders Village (Includes Founders and Bella Mesa)	Castle Rock	5421	2263	0	1
Hazen Moore	Castle Rock	243	99	22	23
Heckendorf Ranch	Castle Rock	630	291	3	250
Hillside	Castle Rock	120	0	0	0
Indian Creek Ranch	Douglas County	184	172	0	0
Keene Ranch	Douglas County	247	217	4	18
Lanterns	Castle Rock	1200	0	0	0
Louviers (Town of)	Douglas County	114	106	0	-2
Maher Ranch (Sapphire Pointe)	Castle Rock	2409	853	18	69
Meadows	Castle Rock	10644	5877	302	1210
Memmen Young Infill	Castle Rock	1035	0	0	0
Meribel Village	Douglas County	544	4	0	1
Metzler Ranch	Castle Rock	1716	1311	73	125
Perry Park	Douglas County	1327	689	6	26
Perry Park East	Douglas County	163	148	0	2
Perry Pines	Douglas County	135	128	0	0
Plum Creek	Castle Rock	3025	1510	29	94
Plum Creek Ridge	Castle Rock	162	15	15	15
Plum Creek South	Castle Rock	505	137	5	100
Red Hawk	Castle Rock	926	793	2	55
Sage Port	Douglas County	595	474	7	39
Sandstone Ranch	Douglas County	106	2	0	0
Scott II	Castle Rock	305	298	0	0
Silver Heights	Douglas County	110	104	0	0
Stanbro PD	Castle Rock	124	0	0	0
Wolfensberger Apartments (formerly Graham PD)	Castle Rock	56	0	0	0
Woodlands (Includes Scott Ranch)	Castle Rock	1160	533	7	18
Woodmoor Mountain	Douglas County	143	61	0	1
Young American	Castle Rock	1206	561	0	0

- The table above summarizes the number of units zoned and built (to date) in the West Planning Area. The West Planning Area consists of Castle Rock, Larkspur, Sedalia and portions of Unincorporated Douglas County. Data on the number of units zoned and built was collected from Douglas County Department of Community Development, and the Town of Castle Rock. Developments shaded in grey are those developments that have not been active for the last five years, i.e., no homes have been built in that development since January of 2012. Developments shaded in yellow are those developments that have been approved or are in the review phase with the local land use jurisdiction but have not yet begun to build out. Currently, the fastest moving developments in the West Planning Area are The Meadows, Castle Oaks (aka Terrain), Castlevue Estates, and Crystal Valley Ranch.

Land Inventory-West Planning Area

- The table and map below show the dedicated school sites in the West Planning Area.



Feeder	Site Name	Site Type	Site Size (Acres)	Site Status
Douglas County High School	Elementary	11.6	Castle Oaks Estates	Platted
Douglas County High School	High	62.869	Castlewood Ranch	Platted
Douglas County High School	Elementary	10	Crystal Valley A	Platted
Douglas County High School	Elementary	10.1	Crystal Valley B	Platted
Douglas County High School	Middle	20.17	Crystal Valley C	Platted
Douglas County High School	Middle	27.02	Macanta A	Platted
Douglas County High School	Elementary	10.09	Macanta B	Platted
Douglas County High School	Elementary	17.8	Plum Creek	Platted
Douglas County High School	Elementary	9	Sapphire Pointe	Platted
Douglas County High School	Alternative Site	3.8	Hazen Moore	Unplatted
Douglas County High School	PK-8	25.49	Lanterns	Unplatted
Douglas County High School	Elementary	10	Rock Canyon Ranch	Unplatted
Douglas County High School	Elementary	12.3	Bella Mesa	Unplatted
Douglas County High School	Elementary	10	Pine Canyon	Unplatted
Douglas County High School	PK-8	17.78	Pioneer Ranch	Unplatted
Castle View High School	Middle	4.72	Hockaday A	Platted
Castle View High School	Middle	13.59	Hockaday B	Platted
Castle View High School	Middle	6.69	Hockaday C	Platted
Castle View High School	Elementary	10	Larkspur	Platted
Castle View High School	Alternative Site	1	Pine Cliff	Platted
Castle View High School	Elementary	10.01	Red Hawk	Platted
Castle View High School	Elementary	10.014	The Meadows Filing 20	Platted
Castle View High School	Elementary	10	Dawson Ridge A	Unplatted
Castle View High School	Elementary	10	Dawson Ridge B	Unplatted
Castle View High School	Elementary	50	Dawson Ridge D	Unplatted
Castle View High School	Elementary	10	Dawson Ridge C	Unplatted

Note Plum Creek site and Crystal Valley A & C sites are joint sites with Castle Rock Parks & Recreation.

Development Summary-East Planning Area

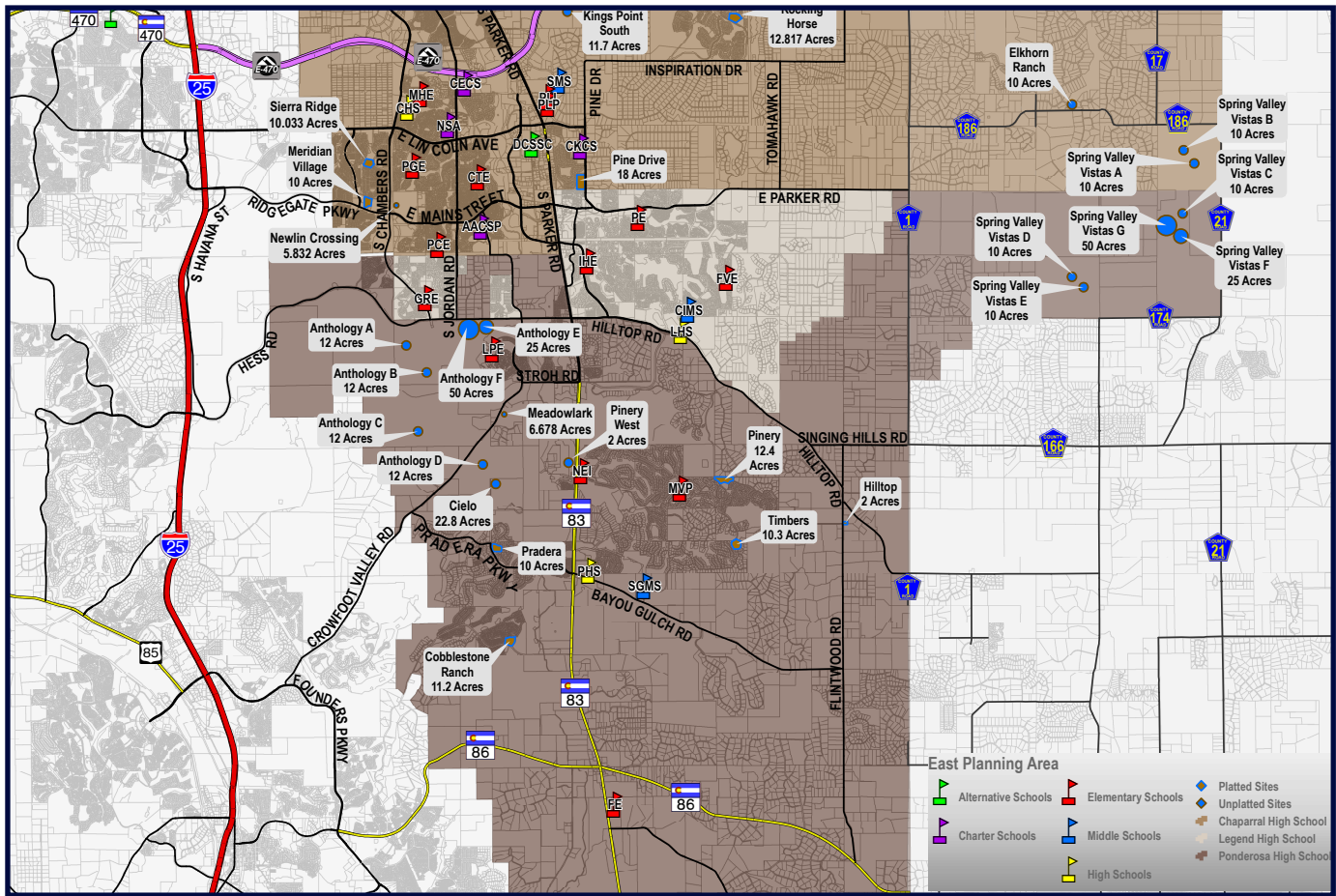
*Parker, Franktown, Cherry Valley, and portions of Aurora and Elbert County

Development	Jurisdiction	Zoned	Built to Date	Built from 1/2016-1/2017	Built from 1/2012-1/2017
Antelope Heights	Parker	203	194	0	0
Anthology (Anthology North)	Parker	3,082	0	0	0
Bannockburn	Douglas County	187	180	3	3
Bradbury (Bradbury Ranch)	Parker	1,607	1,450	0	0
Challenger Park	Parker	571	512	0	0
Cielo	Douglas County	343	0	0	0
Clarke Farms	Parker	2,515	2,282	0	0
Compark	Parker	391	71	0	71
Compark	Douglas County	917	452	0	0
Cottonwood	Parker	1,065	1,054	0	0
Cottonwood (Unincorporated)	Douglas County	502	502	0	0
Cottonwood Highlands	Parker	570	14	14	14
Cottonwood South	Douglas County	855	610	0	0
Cottrell Farms (Horizon Estates)	Parker	75	74	0	0
Country Meadows	Parker	205	204	0	0
Crown Point	Parker	663	663	0	0
Deerfield	Douglas County	197	185	0	0
Douglas 234 (aka Horse Creek)	Parker	548	403	0	0
Enclave at Cherry Creek	Parker	285	57	57	57
Fairmark	Parker	736	744	0	0
Flintwood Hills	Douglas County	186	167	2	4
Foxhill	Douglas County	100	2	0	0
Gondolier Farms	Douglas County	145	0	0	0
Grandview Estates	Douglas County	264	242	1	5
Hein Center	Parker	260	0	0	0
Hidden River	Parker	1,023	925	0	0
Homestead Hills	Douglas County	136	127	1	5
Homestead Property (Parker Homestead)	Parker	280	230	27	230
Horseshoe Ridge	Parker	405	294	36	188
Jordan Crossing	Parker	105	105	0	38
Kings Point South	Aurora	650	0	0	0
Liberty Village (aka Cobblestone Ranch)	Castle Rock	1,245	675	96	473
Lincoln Creek Village	Douglas County	724	44	0	30
Livengood Hills	Douglas County	106	100	0	0
Lundieck (Vantage Point)	Parker	306	0	0	0
Mead's Crossing	Parker	352	156	0	0
Meridian International Business Center	Douglas County	5,125	4,065	491	1,813
New Horizons	Parker	84	84	0	0
Newlin Meadows	Parker	330	267	3	14
Olde Towne (Neu Towne)	Parker	595	166	8	73
Overlook at Cherry Creek	Parker	193	0	0	0
Parker East	Douglas County	105	100	0	0
Parker Hilltop	Parker	486	456	0	0
Parker North	Douglas County	298	296	0	0
Parker Ridge	Douglas County	114	98	4	13
Parker Sr Village	Parker	118	0	0	0
Parker Vista	Parker	220	201	0	0
Parkglenn	Parker	12	12	0	0
Pine Bluffs	Parker	483	221	39	161
Pine Drive Property	Parker	64	0	0	0
Pine Lane	Parker	270	0	0	0
Pineview Condos	Parker	12	12	0	0
Ponderosa East	Douglas County	129	113	0	1
Ponderosa Hills	Douglas County	374	357	1	4
Pre-Corporation Lots	Parker	21	21	0	0
PWSD Mahoney Property	Parker	463	0	0	0
Quail Creek	Parker	100	100	0	0
Rampart Station (Preston Hills)	Parker	193	139	0	0
Reata North (Idyllwilde)	Parker	925	523	30	209
Reata South	Douglas County	175	50	14	21
Regency	Parker	192	192	0	0
Robinson Ranch	Parker	124	61	0	0
Rocking Horse	Aurora	2,000	323	143	228
Rowley Downs	Parker	323	321	0	0
Russilville	Douglas County	158	141	1	3
Saddlebrook	Parker	203	203	0	0
Salisbury Heights	Parker	134	27	27	27
Sierra Ridge	Douglas County	1,600	344	246	344
Stone Creek (aka Stone Creek Ranch)	Douglas County	329	0	0	0
Stonegate	Douglas County	3,739	3,433	0	0
Stroh Crossing	Parker	135	0	0	0
Stroh Ranch	Parker	2,817	1,908	0	58
Sun Marke	Parker	223	0	0	0
Tallman Gulch	Douglas County	121	15	13	14
Tallman Place	Parker	4	0	0	0
The Pinery (includes Pradera and Timbers)	Douglas County	4,855	4,158	67	178
Town & Country	Parker	501	501	0	0
Victorian House	Parker	23	23	0	0
Victorian Village	Parker	32	32	0	0
Village on the Green	Parker	80	80	0	80
Villages at Castle Rock	Castle Rock	626	0	0	0
Villages of Parker (Canterberry)	Parker	2,726	2,379	0	103
Westcreek Lakes	Douglas County	218	68	0	1
Willow Park (Willow Pointe)	Parker	350	265	0	0
Willow Ridge (Willow Pointe)	Parker	392	269	0	0

- The table to the right summarizes the number of units zoned and built (to date) in the East Planning Area. The East Planning Area consists of Parker, Franktown, Cherry Valley, and portions of Aurora, Elbert County, North-East Castle Rock, and Unincorporated Douglas County. Data on the number of units zoned and built was collected from Douglas County Department of Community Development, Town of Castle Rock, Town of Parker, and City of Aurora. Developments shaded in grey are those developments that have not been active for the last five years, i.e., no homes have been built in that development since January of 2012. Developments shaded in yellow are those developments that have been approved or are in the review phase with the local land use jurisdiction but have not yet begun to build out. Currently, the fastest moving developments in the East Planning Area are Meridian International Business Center, Sierra Ridge, Rocking Horse, and Liberty Village (aka Cobblestone Ranch).

Land Inventory-East Planning Area

- The table and map above show all the dedicated school sites in the East Planning Area.



Feeder	Site Name	Site Type	Site Size (Acres)	Site Status
Chaparral High School	Elementary	10.1	Meridian Village	Platted
Chaparral High School	Elementary	17.995	Pine Drive	Platted
Chaparral High School	Elementary	10.033	Sierra Ridge	Platted
Chaparral High School	Elementary	10	Elkhorn Ranch	Unplatted
Chaparral High School	Elementary	12.817	Rocking Horse	Platted
Chaparral High School	Elementary	10	Spring Valley Vistas B	Unplatted
Chaparral High School	Elementary	10	Spring Valley Vistas A	Unplatted
Chaparral High School	Alternative Site	5.832	Newlin Crossing	Unplatted
Chaparral High School	Elementary	11.7	Kings Point South	Unplatted
Legend High School	PK-8	18	Pine Drive	Platted
Ponderosa High School	Elementary	12.352	Pinery	Platted
Ponderosa High School	Elementary	10.321	Timbers	Platted
Ponderosa High School	Alternative Site	6.678	Meadowlark	Unplatted
Ponderosa High School	Elementary	10.011	Pradera	Platted
Ponderosa High School	Other	2	Hilltop	Platted
Ponderosa High School	Elementary	11.21	Cobblestone Ranch	Platted
Ponderosa High School	Middle	25	Spring Valley Vistas F	Unplatted
Ponderosa High School	High	50	Spring Valley Vistas G	Unplatted
Ponderosa High School	Elementary	10	Spring Valley Vistas C	Unplatted
Ponderosa High School	Elementary	10	Spring Valley Vistas D	Unplatted
Ponderosa High School	Elementary	10	Spring Valley Vistas E	Unplatted
Ponderosa High School	Elementary	12	Anthology B	Unplatted
Ponderosa High School	Alternative Site	2	Pinery West	Unplatted
Ponderosa High School	High	50	Anthology F	Unplatted
Ponderosa High School	Middle	25	Anthology E	Unplatted
Ponderosa High School	Elementary	12	Anthology A	Unplatted
Ponderosa High School	Elementary	12	Anthology C	Unplatted
Ponderosa High School	Elementary	12	Anthology D	Unplatted
Ponderosa High School	K-8	22.8	Cielo	Unplatted



Appendix 5 Facility Needs by Year

	Estimated Construction Cost	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Estimated Total Project Cost
Acres Green Elementary				
2017-18	\$1,533,700	\$154,600-\$661,100	\$0	\$1,688,300-\$2,194,800
Arrowwood Elementary				
2017-18	\$1,418,800	\$142,400-\$611,000	\$0	\$1,561,200-\$2,029,800
2018-19	\$89,300	\$9,000-\$38,400	\$4,465	\$102,765-\$132,165
2021-22	\$100,200	\$10,200-\$43,300	\$21,543	\$131,943-\$165,043
Bear Canyon Elementary				
2017-18	\$266,400	\$27,000-\$115,100	\$0	\$293,400-\$381,500
2018-19	\$220,500	\$22,100-\$94,900	\$11,025	\$253,625-\$326,425
2019-20	\$268,100	\$27,100-\$115,500	\$27,480	\$322,680-\$411,080
Buffalo Ridge Elementary				
2017-18	\$1,842,600	\$185,300-\$793,300	\$0	\$2,027,900-\$2,635,900
2020-21	\$27,600	\$2,800-\$11,900	\$4,361	\$34,760-\$43,860
Cantril Building				
2017-18	\$174,600	\$17,800-\$75,600	\$0	\$192,400-\$250,200
2018-19	\$1,296,900	\$131,800-\$559,900	\$64,845	\$1,493,545-\$1,921,645
Cantril Building/preschool addition				
2018-19	\$65,600	\$7,500-\$29,200	\$3,280	\$76,380-\$98,080
Castle Rock Elementary				
2017-18	\$423,100	\$42,600-\$182,400	\$0	\$465,700-\$605,500
2019-20	\$831,800	\$84,400-\$358,500	\$85,260	\$1,001,459-\$1,275,559
Castle Rock Middle School				
2017-18	\$1,145,100	\$115,800-\$493,700	\$0	\$1,260,900-\$1,638,800
2018-19	\$11,100	\$1,200-\$4,800	\$555	\$12,855-\$16,455
Castle View High School				
2018-19	\$50,000	\$5,000-\$21,500	\$2,500	\$57,500-\$74,000
2021-22	\$1,512,000	\$151,200-\$650,400	\$325,080	\$1,988,280-\$2,487,480
Chaparral High School				
2017-18	\$2,896,000	\$290,900-\$1,246,900	\$0	\$3,186,900-\$4,142,900
2018-19	\$661,500	\$66,200-\$284,500	\$33,075	\$760,775-\$979,075
2020-21	\$93,800	\$9,500-\$40,400	\$14,820	\$118,120-\$149,020
Cherokee Trail Elementary				
2017-18	\$656,100	\$66,200-\$282,800	\$0	\$722,300-\$938,900
2018-19	\$136,000	\$13,700-\$58,600	\$6,800	\$156,500-\$201,400
2019-20	\$162,000	\$16,200-\$69,700	\$16,605	\$194,805-\$248,305
2020-21	\$269,200	\$27,200-\$116,000	\$42,534	\$338,933-\$427,733
Cherry Valley Elementary				
2017-18	\$483,300	\$488,00-\$208,400	\$0	\$532,100-\$691,700
2018-19	\$5,200	\$600-\$2,400	\$260	\$6,060-\$7,860
Clear Sky Elementary				
2017-18	\$50,000	\$5,000-\$21,500	\$0	\$55,000-\$71,500
Copper Mesa Elementary				
2017-18	\$36,900	\$3,900-\$16,000	\$0	\$40,800-\$52,900
2020-21	\$892,800	\$90,400-\$384,500	\$141,062	\$1,124,262-\$1,418,362

	Estimated Construction Cost	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Estimated Total Project Cost
Cougar Run Elementary				
2017-18	\$1,896,400	\$191,100-\$816,800	\$0	\$2,087,500-\$2,713,200
2020-21	\$11,100	\$1,200-\$4,800	\$1,754	\$14,053-\$17,653
Coyote Creek Elementary				
2017-18	\$275,100	\$27,900-\$118,900	\$0	\$303,000-\$394,000
2018-19	\$50,000	\$5,000-\$21,500	\$2,500	\$57,500-\$74,000
2021-22	\$201,700	\$20,300-\$87,000	\$43,366	\$265,365-\$332,065
Cresthill Middle School				
2017-18	\$211,400	\$21,400-\$91,100	\$0	\$232,800-\$302,500
2019-20	\$162,000	\$16,200-\$69,700	\$16,605	\$194,805-\$248,305
2020-21	\$238,400	\$24,100-\$102,700	\$37,667	\$300,167-\$378,767
DC Oakes High School / District Media Center				
2017-18	\$124,000	\$12,500-\$53,400	\$0	\$136,500-\$177,400
2018-19	\$29,800	\$3,000-\$12,900	\$1,490	\$34,290-\$44,190
DCHS Stadium				
2017-18	\$1,095,100	\$109,800-\$471,100	\$0	\$1,204,900-\$1,566,200
Douglas County High School				
2017-18	\$8,677,200	\$873,800-\$3,737,000	\$0	\$9,551,000-\$12,414,200
2018-19	\$40,500	\$4,100-\$17,500	\$2,025	\$46,625-\$60,025
2019-20	\$122,600	\$12,500-\$52,900	\$12,567	\$147,666-\$188,066
Douglas County HS South Bldg				
2017-18	\$1,526,900	\$156,300-\$660,300	\$0	\$1,683,200-\$2,187,200
2019-20	\$1,700	\$200-\$800	\$174	\$2,074-\$2,674
Eagle Ridge Elementary				
2017-18	\$615,200	\$61,800-\$264,900	\$0	\$677,000-\$880,100
2018-19	\$439,300	\$44,400-\$189,200	\$21,965	\$505,665-\$650,465
2019-20	\$162,000	\$16,200-\$69,700	\$16,605	\$194,805-\$248,305
2020-21	\$231,500	\$23,400-\$99,700	\$36,577	\$291,477-\$367,777
Echo Park Stadium				
2017-18	\$10,000	\$1,000-\$4,300	\$0	\$11,000-\$14,300
Eldorado Elementary				
2017-18	\$1,411,300	\$142,000-\$607,600	\$0	\$1,553,300-\$2,018,900
Flagstone Elementary				
2017-18	\$19,700	\$2,000-\$8,500	\$0	\$21,700-\$28,200
2019-20	\$920,600	\$92,900-\$396,600	\$94,362	\$1,107,861-\$1,411,561
Fox Creek Elementary				
2017-18	\$255,100	\$25,900-\$110,200	\$0	\$281,000-\$365,300
2021-22	\$46,200	\$4,700-\$20,000	\$9,933	\$60,833-\$76,133
Franktown Elementary				
2017-18	\$1,717,400	\$172,800-\$739,500	\$0	\$1,890,200-\$2,456,900
2019-20	\$150,000	\$15,000-\$64,500	\$15,375	\$180,375-\$229,875
Frontier Valley Elementary				
2017-18	\$170,100	\$17,100-\$73,200	\$0	\$187,200-\$243,300

	Estimated Construction Cost	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Estimated Total Project Cost
Frontier Valley Elementary cont.,				
2018-19	\$1,032,400	\$104,000-\$444,700	\$51,620	\$1,188,020-\$1,528,720
Heritage Elementary				
2017-18	\$1,507,200	\$151,500-\$648,900	\$0	\$1,658,700-\$2,156,100
Highlands Ranch High School				
2017-18	\$5,867,600	\$587,900-\$2,524,500	\$0	\$6,455,500-\$8,392,100
Iron Horse Elementary				
2017-18	\$1,008,600	\$101,800-\$434,800	\$0	\$1,110,400-\$1,443,400
2018-19	\$56,700	\$5,700-\$24,400	\$2,835	\$65,235-\$83,935
2021-22	\$103,200	\$10,400-\$44,500	\$22,188	\$135,788-\$169,888
Joint Service Center				
2018-19	\$171,100	\$18,000-\$74,400	\$8,555	\$197,655-\$254,055
2019-20	\$110,300	\$11,100-\$47,500	\$11,306	\$132,705-\$16,9105
Larkspur Elementary				
2017-18	\$1,208,800	\$121,800-\$520,900	\$0	\$1,330,600-\$1,729,700
2018-19	\$1,400	\$200-\$700	\$70	\$1,670-\$2,170
Legacy Point Elementary				
2017-18	\$9,000	\$900-\$3,900	\$0	\$9900-\$12900
2019-20	\$863,700	\$87,400-\$372,200	\$88,529	\$1,039,629-\$1,324,429
Meadow View Elementary				
2017-18	\$1,920,900	\$193,000-\$826,900	\$0	\$2,113,900-\$2,747,800
2021-22	\$71,200	\$7,200-\$30,700	\$15,308	\$93,708-\$117,208
Mountain Ridge Middle School				
2017-18	\$93,100	\$9,500-\$40,200	\$0	\$102,600-\$133,300
2019-20	\$1,240,400	\$125,000-\$534,200	\$127,141	\$1,492,541-\$1,901,741
Mountain View Elementary				
2017-18	\$1,830,300	\$184,000-\$788,200	\$0	\$2,014,300-\$2,618,500
Mountain Vista High School				
2017-18	\$3,331,300	\$333,700-\$1,433,300	\$0	\$3,665,000-\$4,764,600
Northeast Elementary				
2017-18	\$1,548,600	\$155,800-\$667,000	\$0	\$1,704,400-\$2,215,600
2020-21	\$441,000	\$44,100-\$189,700	\$69,678	\$554,778-\$700,378
Northridge Elementary				
2017-18	\$469,100	\$47,300-\$202,200	\$0	\$516,400-\$671,300
2019-20	\$591,700	\$60,000-\$255,100	\$60,649	\$712,349-\$907,449
O&M East				
2018-19	\$371,300	\$38,100-\$160,900	\$18,565	\$427,965-\$550,765
O&M West- Bldg A				
2018-19	\$15,200	\$1,700-\$6,800	\$760	\$17,660-\$22,760
Pine Grove Elementary				
2017-18	\$510,800	\$516,00-\$220,300	\$0	\$562,400-\$731,100
2018-19	\$50,000	\$5,000-\$21,500	\$2,500	\$57,500-\$74,000

	Estimated Construction Cost	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Estimated Total Project Cost
Pine Grove Elementary cont.,				
2021-22	\$7,500	\$800-\$3,300	\$1,613	\$9,912-\$12,412
Pine Lane North				
2017-18	\$1,928,200	\$193,600-\$830,300	\$0	\$2,121,800-\$2,758,500
Pine Lane South				
2017-18	\$1,371,800	\$138,100-\$590,800	\$0	\$1,509,900-\$1,962,600
2018-19	\$262,700	\$26,400-\$113,100	\$13,135	\$302,235-\$388,935
Pioneer Elementary				
2017-18	\$1,408,100	\$141,900-\$606,400	\$0	\$1,550,000-\$2,014,500
Ponderosa High School				
2017-18	\$5,800,700	\$582,800-\$2,496,600	\$0	\$6,383,500-\$8,297,300
2020-21	\$55,200	\$5,600-\$23,800	\$8,722	\$69,521-\$87,721
Prairie Crossing Elementary				
2017-18	\$1,616,000	\$162,800-\$696,000	\$0	\$1,778,800-\$2,312,000
Ranch View Middle School				
2017-18	\$1,245,900	\$125,400-\$536,900	\$0	\$1,371,300-\$1,782,800
2018-19	\$429,900	\$43,200-\$185,000	\$21,495	\$494,595-\$636,395
2019-20	\$1,087,100	\$108,800-\$467,500	\$111,428	\$1,307,327-\$1,666,027
2021-22	\$144,500	\$14,500-\$62,400	\$31,068	\$190,067-\$237,967
Redstone Elementary				
2017-18	\$25,200	\$2,600-\$11,000	\$0	\$27,800-\$36,200
2020-21	\$1,080,800	\$109,300-\$465,800	\$170,766	\$1,360,866-\$1,717,366
Renaissance Magnet School				
2017-18	\$500	\$100-\$300	\$0	\$600-\$800
2018-19	\$20,000	\$2,000-\$8,600	\$1,000	\$23,000-\$29,600
2021-22	\$97,000	\$9,900-\$41,900	\$20,855	\$127,755-\$159,755
Rock Canyon High School				
2017-18	\$36,400	\$3,800-\$15,700	\$0	\$40,200-\$52,100
2020-21	\$2,935,200	\$294,000-\$1,262,600	\$463,762	\$3,692,961-\$4,661,561
Rock Ridge Elementary				
2017-18	\$24,400	\$2,500-\$10,600	\$0	\$26,900-\$35,000
2018-19	\$85,000	\$8,600-\$36,600	\$4,250	\$97,850-\$125,850
2019-20	\$210,700	\$21,100-\$90,700	\$21,597	\$253,396-\$322,996
2020-21	\$787,600	\$79,000-\$338,800	\$124,441	\$991,040-\$1,250,840
Rocky Heights Middle School				
2017-18	\$13,200	\$1,400-\$5,700	\$0	\$14,600-\$18,900
2019-20	\$1,588,800	\$160,000-\$684,100	\$162,852	\$1,911,652-\$2,435,752
Roxborough Intermediate				
2017-18	\$373,900	\$37,400-\$160,800	\$0	\$411,300-\$534,700
Roxborough Primary				
2017-18	\$423,800	\$42,900-\$183,100	\$0	\$466,700-\$606,900
2019-20	\$66,200	\$6,700-\$28,500	\$6,786	\$79,685-\$101,485

	Estimated Construction Cost	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Estimated Total Project Cost
Roxborough Primary cont.,				
2020-21	\$16,600	\$1,700-\$7,200	\$2,623	\$20,922-\$26,422
Saddle Ranch Elementary				
2017-18	\$1,330,900	\$133,700-\$573,300	\$0	\$1,464,600-\$1,904,200
2021-22	\$85,200	\$8,700-\$36,900	\$18,318	\$112,218-\$140,418
Sagewood Middle School				
2017-18	\$1,941,100	\$195,300-\$835,900	\$0	\$2,136,400-\$2,777,000
2018-19	\$315,000	\$31,500-\$135,500	\$15,750	\$362,250-\$466,250
2019-20	\$921,700	\$92,200-\$396,400	\$94,474	\$1,108,374-\$1,412,574
2021-22	\$92,200	\$9,300-\$39,800	\$19,823	\$121,323-\$151,823
Sand Creek Elementary				
2017-18	\$464,300	\$46,700-\$200,100	\$0	\$511,000-\$664,400
2019-20	\$640,600	\$64,800-\$276,500	\$65,662	\$771,061-\$982,761
Sedalia Elementary				
2017-18	\$1,254,500	\$126,400-\$540,700	\$0	\$1,380,900-\$1,795,200
2018-19	\$88,200	\$8,900-\$38,000	\$4,410	\$101,510-\$130,610
2021-22	\$180,000	\$18,000-\$77,500	\$38,700	\$236,700-\$296,200
Shea Stadium				
2017-18	\$912,300	\$92,000-\$393,100	\$0	\$1,004,300-\$1,305,400
2021-22	\$7,500	\$800-\$3,300	\$1,613	\$9,912-\$12,412
Sierra Middle School				
2017-18	\$2,975,100	\$298,700-\$1,280,800	\$0	\$3,273,800-\$4,255,900
Soaring Hawk Elementary				
2017-18	\$6,500	\$800-\$2,900	\$0	\$7,300-\$9,400
2020-21	\$315,600	\$31,900-\$135,900	\$49,865	\$397,364-\$501,364
South Ridge Elementary				
2017-18	\$2,565,100	\$257,800-\$1,104,900	\$0	\$2,822,900-\$3,670,000
Stone Mountain Elementary				
2019-20	\$162,000	\$16,200-\$69,700	\$16,605	\$194,805-\$248,305
Student Assistance Office				
2018-19	\$57,100	\$6,300-\$25,300	\$2,855	\$66,255-\$85,255
Summit View Elementary				
2017-18	\$315,500	\$32,000-\$136,600	\$0	\$347,500-\$452,100
2019-20	\$109,800	\$11,300-\$47,400	\$11,255	\$132,354-\$168,454
ThunderRidge High School				
2017-18	\$3,855,600	\$386,700-\$1,659,500	\$0	\$4,242,300-\$5,515,100
2018-19	\$242,900	\$24,300-\$104,500	\$12,145	\$279,345-\$359,545
Timber Trail Elementary				
2019-20	\$760,500	\$77,000-\$327,700	\$77,951	\$915,451-\$1,166,151
Trailblazer Elementary				
2017-18	\$1,619,900	\$163,100-\$697,600	\$0	\$1,783,000-\$2,317,500
2020-21	\$308,700	\$30,900-\$132,800	\$48,775	\$388,374-\$490,274
Transportation--Castle Rock				
2017-18	\$382,500	\$38,300-\$164,600	\$0	\$420,800-\$547,100

	Estimated Construction Cost	Potential Regulatory, Professional Services, and Contracting Costs	Potential Inflation Costs	Estimated Total Project Cost
Transportation--Castle Rock cont.,				
2018-19	\$390,900	\$39,900-\$168,800	\$19,545	\$450,345-\$579,245
Transportation--North				
2017-18	\$28,400	\$2,900-\$12,300	\$0	\$31,300-\$40,700
2018-19	\$1,848,900	\$186,800-\$797,400	\$92,445	\$2,128,145-\$2,738,745
Warehouse-Bldg E				
2018-19	\$233,300	\$23,800-\$101,000	\$11,665	\$268,765-\$345,965
West Support Center				
2017-18	\$296,300	\$29,800-\$127,500	\$0	\$326,100-\$423,800
2018-19	\$301,900	\$30,500-\$130,100	\$15,095	\$347,495-\$447,095
Wilcox Building				
2017-18	\$114,200	\$11,600-\$49,300	\$0	\$125,800-\$163,500
2018-19	\$855,800	\$86,900-\$369,000	\$42,790	\$985,490-\$1,267,590
Wildcat Mountain Elementary				
2017-18	\$453,300	\$45,800-\$195,600	\$0	\$499,100-\$648,900
2021-22	\$242,200	\$24,400-\$104,400	\$52,073	\$318,673-\$398,673
Athletics				
2017-18	\$385,600	\$38,560-\$165,808	\$0	\$424,160-\$551,408
2018-19	\$453,900	\$45,390-\$195,177	\$22,695	\$521,985-\$671,772
2019-20	\$68,300	\$6,830-\$29,369	\$7,001	\$82,130-\$104,669
Furniture, Fixtures, and Equipment				
2018-19	\$6,620,000	\$662,000-\$2,846,600	\$331,000	\$7,613,000-\$9,797,600
2019-20	\$1,000,000	\$100,000-\$430,000	\$102,500	\$1,202,500-\$1,532,500
2020-21	\$2,300,000	\$230,000-\$989,000	\$363,400	\$2,893,400-\$3,652,400
2021-22	\$1,270,000	\$127,000-\$546,100	\$273,050	\$1,670,050-\$2,089,150
Mobiles				
2017-18	\$3,200,000	\$0	\$0	\$3,200,000
2018-19	\$1,200,000	\$0	\$60,000	\$1,260,000
2019-20	\$400,000	\$0	\$41,000	\$441,000
2020-21	\$600,000	\$0	\$94,800	\$694,800
2021-22	\$800,000	\$0	\$172,000	\$972,000

**Note* The Facility Needs by Year list shown above is inclusive of facility needs only. This includes those needs identified on each individual facility profile page, mobiles, athletic fields, and FF&E (furniture, fixtures and equipment). Identified capital needs for charter schools, information technology, safety and security, transportation, and new construction are not currently projected by year and therefore not included in this list.*



Appendix 6 Change in Costs Since 2016-17

Changes in Estimated Costs Since 2016-17 Master Capital Plan-by Capital Item

Capital Item	2017-18 Total Project Cost Estimate	2016-17 Total Project Cost Estimate	2016-17 vs. 2017-18 Total Project Cost Delta
Information Technology	\$27,550,000	\$47,950,000	(\$20,400,000)
Transportation	\$6,221,000	\$8,011,000	(\$1,790,000)
State Mandated Door Hardware	\$0	\$630,000-\$729,000	(\$630,000)-(\$729,000)
Athletics	\$1,043,990-\$1,375,377	\$1,620,050-\$2,317,535	(\$576,060)-(\$942,158)
Charter Schools	\$8,027,965-\$11,483,480	\$8,027,965-\$11,483,480	\$0
FF&E	\$12,868,500-\$16,952,850	\$12,868,500-\$16,952,850	\$0
Safety & Security	\$12,625,079	\$12,540,607	\$84,472
Mobiles	\$6,510,000-\$7,533,000	\$6,205,500-\$7,180,650	\$304,500-\$352,350
ADA Contingency	\$525,000-\$607,500	\$105,000-\$121,500	\$420,000-\$486,000
SPED Contingency	\$525,000-\$607,500	\$105,000-\$121,500	\$420,000-\$486,000
Facility Reinvestment-Neighborhood Schools, Support Facilities	\$129,681,475-\$185,473,797	\$121,863,970-\$174,310,474	\$7,817,505-\$11,163,323
New Construction (1-5 Years, DCSD Standards)	\$106,766,097	\$84,220,504	\$22,545,593
Total	\$312,344,106-\$377,195,680	\$304,148,096-\$365,939,100	\$8,196,010-\$11,256,580

Changes in Estimated Costs Since 2016-17 Master Capital Plan-by Tier & Priority

Tier & Priority	2017-18 Total Project Cost Estimate	2016-17 Total Project Cost Estimate	2016-17 vs 2017-18 Total Project Cost Delta
Tier 1-High	\$59,135,745-\$82,535,774	\$52,325,450-\$70,889,975	\$6,810,295-\$11,645,799
Tier 1-Medium	\$32,173,675-\$37,844,173	\$38,078,805-\$46,643,782	(\$5,905,130)-(\$8,799,609)
Tier 1-Low	\$90,835-\$129,721	\$1,550,135-\$1,608,091	(\$1,459,300)-(\$1,478,370)
Tier 2-High	\$32,080,459-\$43,589,353	\$29,260,877-\$37,459,508	\$2,819,582-\$6,129,845
Tier 2-Medium	\$215,675,65-\$27,799,100	\$30,943,560-\$39,800,338	(\$9,375,995)-(\$12,001,238)
Tier 2-Low	\$1,046,485-\$1,174,836	\$1,062,275-\$1,519,653	(\$15,790)-(\$344,817)
Tier 3-High	\$10,220,920-\$13,436,076	\$8,558,910-\$10,829,873	\$1,662,010-\$2,606,203
Tier 3-Medium	\$34,395,855-\$43,830,467	\$41,003,785-\$50,253,466	(\$6,607,930)-(\$6,422,999)
Tier 3-Low	\$3,059,660-\$3,882,998	\$4,098,945-\$5,306,774	(\$1,039,285)-(\$1,423,776)
Tier 4-High	\$1,814,895-\$2,269,249	\$1,532,045-\$1,864,874	\$282,850-\$404,375
Tier 4-Medium	\$883,425-\$1,198,748	\$2,888,060-\$3,381,628	(\$2,004,635)-(\$2,182,880)
Tier 4-Low	\$30,525-\$40,608	\$386,780-\$434,154	(\$-356255)-(\$-393546)
N/A (Includes New Construction, ADA and SPED Contingency, and Charter School Reinvestment)	\$115,844,062-\$119,464,577	\$92,458,469-\$95,946,984	\$23,385,593-\$23,517,593
Total	\$312,344,106-\$377,195,680	\$304,148,096-\$365,939,100	\$8,196,010-\$11,256,580