



# Facilities Plan 2020-2039

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Facilities Management Department  
Washoe County School District | January 2020



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## **Introduction**

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The Washoe County School District (WCSD) falls under the definition of an “Affected Entity” under NRS 278.026 and is therefore subject to the jurisdiction of the Truckee Meadows Regional Planning Agency (TMRPA), including compliance with the 2019 Truckee Meadows Regional Plan. As established by NRS, the District has a non-voting liaison representation on the Regional Planning Governing Board.

As required by NRS 278.028, this facilities plan must be submitted to the Regional Planning Commission for review for conformance with the most recent update to the Truckee Meadows Regional Plan.

This facilities plan has been developed based on forecasts of future student populations developed by the WCSD Facilities Management Department. These forecasts are produced using a school enrollment model derived by WCSD planning staff.

Further details regarding the forecasting of student populations can be found in the “Projections” section of this plan.

### **DISCLAIMER**

**Please note that the development of this Facilities Plan is not to be construed as a guarantee that any particular one of these facilities will be constructed, or that any particular facility will be constructed within the timelines identified in this plan.**

**The determination of whether a school or other facility is to be constructed and when it will be constructed will be made by the Board of Trustees based on availability of funding for capital projects construction, prioritization of the need for the facility versus other facility needs (including the need for revitalization/renovation of existing facilities), changes in student demographics and projections of future school populations, and other relevant factors.**

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# **Population and Student Enrollment Projections**

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As an affected entity subject to the jurisdiction of the Truckee Meadows Regional Planning Agency, the Washoe County School District (WCSD) is required to conform to the goals and policies of the 2019 Truckee Meadows Regional Plan.

Policy PG-3 of the 2019 Regional Plan states:

“All local government and affected entity master plans, facilities plans, and other similar plans shall utilize the adopted Consensus Forecast and the associated spatial disaggregation as the primary source for determining future regional population and employment demand for the formulation of goals, policies, and facilities and service plans.

The Regional Plan recognizes that some affected entities, due to service area size or targeted services, need to utilize additional or supplementary population data. If these affected entities utilize additional or supplementary population data, the source and methodology must be clearly described in master plans, facilities plans, and other similar plans. These plans must clearly relate back to the adopted Consensus Forecast.”

The area of interest of the WCSD is not with the population as a whole, but with a specific segment of the population – that being school aged children, generally those between 5 and 17 years of age. This age group has its own demographic characteristics and growth rates, all of which do not necessarily correspond to the growth forecasts of the population as a whole. As a result, the District’s model does not generally base its student population projections on the Consensus Forecast or other population forecast. To do so would involve deriving the overall student population for the District from the population forecast for any specific year, then allocating those students to the individual schools. Such a “top-down” approach would minimize the individual differences in demographic characteristics particular to each school, which are crucial in identifying if and when a particular school might face overcrowding issues.

Instead, the projection methodology used by the District to forecast future student populations utilizes a “bottom-up” approach. That is, it combines historical student population figures, past and present demographic characteristics, and planned residential development to forecast future student population at the individual school level. Regional and district-wide projections are then aggregated from the individual school projections.

## **METHODOLOGY**

The prediction of school enrollment involves the consideration of a wide range of factors. The demographic makeup of communities is the foremost consideration. In addition, characteristics of schools, such as the programs they offer and changes within school service areas (such as new housing), can influence enrollment. Economic activity at the local, regional, and national levels also influences the accuracy of enrollment forecasts. Developing a forecast that extends from 1 to 10 years requires assessment of current local events in light of broader, long-term trends. Forecast accuracy varies depending on the projection’s geographic scope as well as its time span. Accuracy is greatest when enrollment is projected for large areas for the short-term (one or two years in the future). Accuracy in forecasts diminishes as the geographic area projected becomes smaller and as the forecast is made for more distant points in the future. Therefore, a one-year countywide forecast for total enrollment for all schools will have less error than forecasts that extend further into the future for individual schools. Because of the uncertainty that surrounds both short- and long- range forecasts, WCSD forecasts are revised each fall.

## **Population and Student Enrollment Projections**

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The WCSD enrollment forecast is developed after an annual study of trends at the county and individual school levels. A history of each school's enrollments by grade are compiled and updated annually. Analysis of this history shows patterns in the aging of students from one grade to the next. Extrapolating these patterns enables a school's forecast to be developed. This approach, termed the cohort-survivor method, is the most widely accepted and applied school enrollment forecasting method.

WCSD projections, prepared in the fall of every year, extend through the upcoming ten years in the future. The actual October 1st (Validation Day) enrollment at each school is used as the basis from which projections are developed. The model "ages" the student population ahead through the grade levels at each school to the desired forecast years. For each school in the system and for the system as a whole, calculation of the net change in grade level enrollments as students transition from one grade to the next are developed. These enrollment changes are applied to current grade enrollments in order to project future enrollment in the grades system-wide, as well as at individual schools. For example, system-wide, and at many schools, the number of First Grade students typically exceeds the number of kindergarteners the previous year. This is usually the result of parents choosing private kindergarten for their children, and then enrolling them in public schools beginning in first grade. Similar trends in the amount of "grade change" are discernable for each grade system-wide, and at individual schools. Each school is unique, and projections must be sensitive to population dynamics in the communities served by the school, and the specific trends in the movements of students through the grades.

Migration to Washoe County by families with preschool and school-age children has yielded substantial numbers of new students. This source of enrollment growth was especially significant in the years before the Great Recession and collapse of the local housing market, when a large number of new subdivisions were being built and there was a high turnover of homes in older communities. Though the county's draw of migrating households is now more moderate, migration continues to be the key factor that is incorporated into enrollment forecasts. The WCSD enrollment forecasts add these new students by use of the Residential Development model created by the Truckee Meadows Regional Planning Agency in 2016, as well as the quarterly Reno-Sparks Residential Activity Report prepared by the University of Nevada/Center for Regional Studies. Estimates of student yield from new housing developments are applied to the forecast for the schools serving the development to derive a projection of new students resulting from that new residential construction. In addition, movement of students to and from charter and private schools monitored and factored into the enrollment projections. As the outputs of the TMRPA residential development model are updated or replaced by newer data sets, the WCSD enrollment model will likewise be modified to incorporate the most current data and forecasts available.

The most difficult component of the enrollment forecast is predicting kindergarten enrollment. To develop forecasts for kindergarten, annual numbers of births to mothers who reside in Washoe County are obtained from the Nevada Dept. of Health and Human Services. These records provide a general measure of potential kindergarten enrollment five years in the future.

To forecast kindergarten enrollment beyond the five-year horizon requires projecting births starting in the current year to fifteen years in the future. This is achieved by first examining the relationship between the yearly number births in the recent past to the annual population estimate for Washoe County as prepared by the Nevada State Demographer to develop an average ratio between the two figures. This ratio is then applied to the year-by-year population forecasts from the latest Washoe County Consensus Forecast prepared by the TMRPA to derive yearly projections of the number of births that are expected.

## **Population and Student Enrollment Projections**

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Analyzing the relationship between actual and projected county births to kindergarten enrollment five years after the birth year enables ratios of kindergarten enrollment to births five years previously, to be developed. These ratios are then applied to more recent birth numbers and projected births to develop the total kindergarten enrollment forecast for the Wcsd. Kindergarten enrollment forecasts are then developed for each school, using recent trends in kindergarten enrollment at the school to guide the forecast. Individual school kindergarten projections are then reconciled to the countywide kindergarten forecast at the end of the process. Kindergarten trends are reevaluated each year and the enrollments forecasts are then adjusted accordingly.

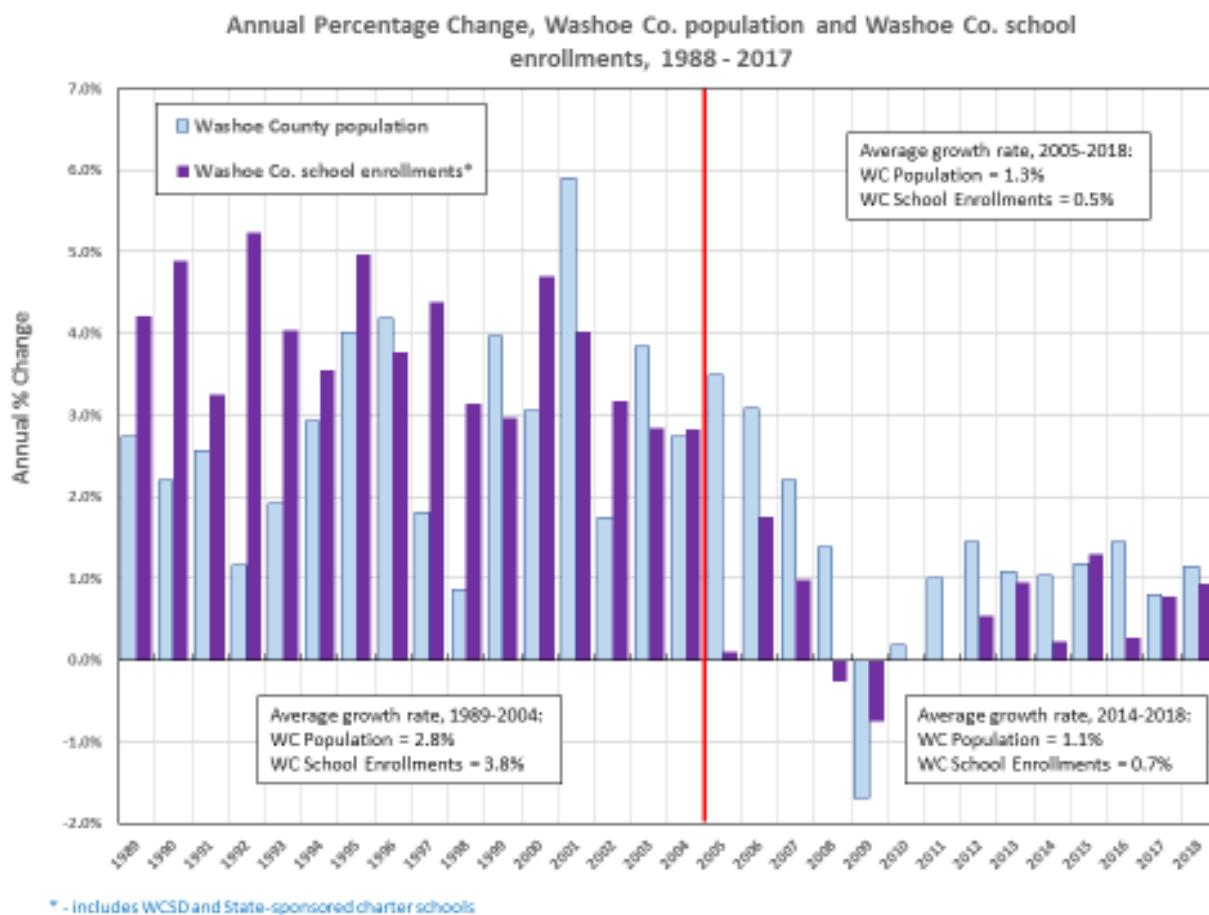
### **OUTCOMES OF STUDENT POPULATION FORECAST**

In September 2018, a new Consensus Forecast was produced by TMRPA that set a 2038 population forecast of 558,746. This would represent a growth of 21% from the 2018 Washoe County population of 460,237.

Enrollment in Wcsd schools on 10/01/2018 was 63,790. If enrollment grows at the same pace as the projected population, then the District would have an expected enrollment of approximately 77,444 students by 2038.

In the past, student enrollment levels had usually grown at a faster pace than the general population. As can be seen in Figure 1 on Page 6. Wcsd enrollment growth outpaced the growth of the general population in 12 of the 16 years from 1989 through 2004. During that time, enrollment growth averaged 3.8% per year, versus an average growth rate of 2.8% for the overall Washoe County population. However, since that time the relationship between the population and enrollment growth in Washoe County has changed drastically.

**Figure 1**  
**Comparison of historic WCSD enrollment growth rates vs. Washoe County population growth rates**



Since 2005, the average enrollment growth rate has fallen to just a little more than one-third of the population growth rate. Since the end of the recession, enrollment growth has rebounded somewhat, but still runs considerably below the population growth. It is considered likely that this trend will continue well into the future; as a result, the forecasted enrollment growth over the next twenty years reflects a rate below the population growth rates identified in the Washoe County Consensus Forecast.

Table One summarizes the projected growth in Washoe County population by 2028; the anticipated 2028 K-12<sup>th</sup> grade student population range based on the student population growing at same rate as overall population, and on the extension of the demographic trends of the past four years; and the forecast 2028 K-12<sup>th</sup> grade student population derived from the WCSD model.

**Table 1**  
**General population and K-12<sup>th</sup> grade student growth forecasts**

2018 Washoe County Population (State Demographer)	460,237
2038 Washoe County Population (Consensus Forecast)	558,746
Projected 20-year increase in Washoe County population	21.4%
Anticipated 2038 WCSD K-12 <sup>th</sup> grade student population, if student population grows at same rate as overall population	77,741
2018 WCSD K-12 <sup>th</sup> grade student population (actual)	63,790
2038 WCSD K-12 <sup>th</sup> grade student population (forecast)	72,771
Projected 23-year increase in WCSD K-12 <sup>th</sup> grade student population	<b>14.1%</b>

Policy PG-3 of the 2019 Regional Plan states:

“All local government and affected entity master plans, facilities plans, and other similar plans shall utilize the adopted Consensus Forecast and the associated spatial disaggregation as the primary source for determining future regional population and employment demand for the formulation of goals, policies, and facilities and service plans.

The Regional Plan recognizes that some affected entities, due to service area size or targeted services, need to utilize additional or supplementary population data. If these affected entities utilize additional or supplementary population data, the source and methodology must be clearly described in master plans, facilities plans, and other similar plans. These plans must clearly relate back to the adopted Consensus Forecast.”

***The enrollment model used by the Washoe County School District utilizes the most current Consensus Forecast to forecast future kindergarten enrollments, which is a significant component of school enrollment growth. The model also utilizes the residential disaggregation provided by TMRPA (which is based on the Consensus Forecast) to forecast enrollment growth generated anticipated future residential development. Given the discussions in this section regarding past trends in student growth vs. the general population and the anticipated continuation of these trends into the foreseeable future, this forecast is reasonable and consistent with the Consensus Forecast and the intent of Regional Plan Policy PG-3.***

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# **Capital Projects Funding**

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## **OVERVIEW**

Financial support of public school systems in Nevada is controlled by Chapter 387 of the Nevada Revised Statutes (NRS). Financing of capital construction projects is addressed in NRS 387.328 through 644. This section of state law identifies the sources of revenue allowed to each school district, based on the population of the county in which the school district is located.

All school districts in Nevada receive Property Tax (upon voter approval) and Government Service Tax revenues for capital construction. Until 2016, every school district in Nevada **except** Washoe County had at least one additional revenue source. This situation has required the District to submit ballot questions for bonds several times over the past years. In November, 2002 the voters of Washoe County approved a ballot question that kept the Washoe County School District's tax rate for debt retirement the same as it was in 2002 for 10 years. This measure stated that the tax rate will not go up, and as old bond issues are retired and/or assessed value increases, new bonds may be sold

For several decades this disparity in revenue options for capital construction resulted in Washoe County School District suffering from a lack of funding sources for construction of new schools to address growth in the region and for rehabilitation and repairs of existing schools. The inability to issue bonds between 2012 and 2015 meant a lack of funding for capital needs, including construction and repairs and maintenance.

In 2015, the Nevada State Legislature passed Senate Bill 207, which extended the District's authority to issue rollover bonds to fund school construction and repair for 10 years. It was estimated that the rollover bond authority would provide the school district with approximately \$20 million per year on average. However, enrollment growth and deferred maintenance of existing schools continued to strain the capacity of existing schools and as of October 1<sup>st</sup>, 2016, 42 schools were over capacity. The current median age of the WCSD schools is 43 years.

Recognizing the critical need for repairs and expansion of schools, in November 2016, Washoe County voters approved a ballot question (WC-1) that increased the sales and use tax within the county by 0.54%, with revenues restricted to capital needs. This non-sunsetting increase in the sales and use tax generated \$46.275 million in fiscal year 2019, and these revenues have already provided funding for construction of a 22-classroom addition to Damonte Ranch High School. In November 2017, the first bonds pledging the new WC-1 sales and use tax provided the funding for the construction of two new middle schools and one new elementary school that opened in the Fall of 2019. An additional elementary and a middle school, funded by additional bonds issued in 2018, will open in 2020. Additional bonds were sold in 2019 and are planned to be sold in 2020 for construction of a new high school at the Wildcreek Golf Course, a new elementary school in Cold Springs, expansion of Swope Middle School, and replacement and expansion of O'Brien Middle School. All told, property tax collections dedicated to debt, and sales and use tax revenues are projected to provide for the funding of more than \$1 billion in capital improvements over the next eight to ten years.

The revenues generated by WC-1 will be used for:

- Student capacity – projects that add school capacity to accommodate enrollment growth, including site acquisitions, new school construction, and school additions and build-outs;
- Core school investments – capital improvements made to repair, upgrade and reconstruct older schools to protect health and life safety, to provide a warm, safe and dry classroom environment, enhance teaching and learning, preserve capital investment, expand community access and reduce operating costs; and

## **Capital Projects Funding**

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- School support facilities - expansion and upgrades to facilities that provide support functions or sustain organizational capability, such as nutrition services, transportation yards, administration facilities, operations & maintenance, etc.

With respect to how the revenues generated by the 2015 Rollover bond authority and WC-1 are allocated, there are several levels of checks and balances in place:

- First, the Capital Funding Protection Committee (CFPC) must first approve all new or changed building plans, proposals, repairs, and all other projects. The CFPC was established under Board Policy 9405, which details the duties and responsibilities of the CFPC consistent with NRS 393.096. This committee then makes recommendations to the Board of Trustees for the management of construction and renovation of school facilities within the District.
- The WCSD Board of Trustees then must approve those recommendations; any change made by the Board must go back to the Capital Funding Protection Committee for their concurrence with the change(s).
- Next, the Oversight Panel for School Facilities will have to approve the sale of rollover bonds for projects identified by the Board of Trustees. This panel, which consists of 11 members, and is required by state law (NRS 393.092), is be composed of six elected officials from the county and the cities of Reno and Sparks. The other five members, appointed by the Board of Trustees, are non-school district employees who must come from the areas of engineering, construction, finance, public works, and the general public.
- Finally, for all general obligation bonds, the Washoe County Debt Management Commission must authorize sale of those bonds and certify that the issuance of the bonds would not raise the existing tax rate.
- In addition to these panels, there are many advisory panels of parents, teachers, administrators and interested citizens will be providing input to the Oversight Panel for School Facilities and the Board of Trustees.

### Student Capacity

The need for new schools, or the expansion of existing facilities, depends on the anticipated continuation of growth of the community into the future. Projections of future growth in the student population, and the resulting demands for educational facilities, form the bulk of this plan. Specific discussions regarding the forecasts of student populations and the anticipated needs for new/expanded schools to meet those forecasts can be found under the "Current and Future School Facilities" section of this plan.

Table 2 on Page 11 contains the anticipated facility needs for the District through 2039 (as noted in the Summary section of this report).

## Capital Projects Funding

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**Table 2**  
**Anticipated School Facility Needs, 2020-2039**

<b>Time Frame</b>	<b>Anticipated Facility Needs</b>
Short Range (2020 – 2024)	3 Elementary schools <ul style="list-style-type: none"> <li>• Bohach ES – Spanish Springs</li> <li>• Northern Cold Springs area</li> <li>• Rio Wrangler Pkwy. – Southeast TM</li> </ul>
	1 Middle school <ul style="list-style-type: none"> <li>• Marce Herz MS – Southwest TM</li> </ul>
	2 Middle school expansions <ul style="list-style-type: none"> <li>• O'Brien MS</li> <li>• Swope MS</li> </ul>
	1 High school <ul style="list-style-type: none"> <li>• New Hug HS in North Reno/Sparks area</li> </ul>
	Conversion of old Hug HS into a Career/Technical Education Academy
Middle Range (2025 – 2029)	2 Elementary schools <ul style="list-style-type: none"> <li>• Southern Stead area</li> <li>• North or central Spanish Springs area</li> </ul>
	1 High School <ul style="list-style-type: none"> <li>• Cold Springs area</li> </ul>
	1 High school expansion <ul style="list-style-type: none"> <li>• McQueen HS</li> </ul>
Long Range (2030 – 2039)	4 Elementary Schools <ul style="list-style-type: none"> <li>• Southern Cold Springs area</li> <li>• Silver Knolls area</li> <li>• Verdi area</li> <li>• Southeast TM area</li> </ul>
	3 Middle school expansions <ul style="list-style-type: none"> <li>• Billinghamurst MS</li> <li>• Mendive MS</li> <li>• Shaw MS</li> </ul>
	1 High school <ul style="list-style-type: none"> <li>• Southern TM area</li> </ul>
<b>Total, 2020 - 2039</b>	<b>9 Elementary Schools</b>
	<b>1 Middle school</b>
	<b>5 Middle school expansions</b>
	<b>3 High schools</b>
	<b>1 High school expansion</b>
	<b>1 High school conversion</b>

This list may be modified in the future as changes in enrollments and community demographics warrant. Likewise, the exact timing of the construction of any of these facilities is dependent on the availability and timing of future revenues

## **Capital Projects Funding**

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### Core School Investments and Capital Renewal

In addition to the construction of new and expansion of existing schools, considerable investment is being made in the District's existing schools. The Core School Investments and revitalization are optimizations and upgrades being made to the older schools to provide the same educational features and amenities available in the District's newer schools, bringing the school more in-line with current educational specifications and standards that are used to design our new schools. These are features that are designed to enrich the learning and operational environments of the facility and to improve the educational delivery systems. Examples of revitalization improvements include tech labs, modern science labs, interactive whiteboards and classroom space environmental improvements.

Capital Renewal addresses facility systems items associated with the building and grounds (such as roofs, carpeting, and asphalt), that have reached or exceeded the end of their useful lives. Both initiatives will provide for a warm, safe and dry learning environment for students and will extend the useful life of the District's schools, lessening the need for construction of new facilities in the future.

# **Current and Future School Facilities**

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## **Current and Future School Facilities**

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### **SCHOOL CAPACITIES**

Policy 3.5.1 of the 2012 Truckee Meadows Regional Plan requires an identification of the adopted levels of service used in the development of a facilities plan. For the Washoe County School District, the “adopted level of service” is the official student capacity for each school.

The identification of the capacities of the District’s schools is determined by the Washoe County School District Facilities Management Department. An analysis is performed regularly, usually every two to three years, to update the capacity for each school. The capacities for each school, as determined in that analysis, constitute the official maximum capacity for each school.

In determining capacities for each school, all permanent construction (conventional construction and permanent modular units) is considered in calculating capacity. Portable classroom units are not counted for capacity purposes, although their presence at a school is generally noted to show permanent capacity plus temporary additional capacity.

In the Current & Future Schools section of this plan, each existing school in that area is represented with its current maximum capacity, current enrollment, and projected enrollments at 5, 10 and 20 year increments. An example of the table presenting this data is shown below. Definitions for the various school capacities, and the color highlighting of the projected student populations is also included below the example table.

## Current and Future School Facilities

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School Name	Year Opened (Age)	Current Maximum Capacity	Current & Projected Student Populations			
			2019/20	2024/25	2029/30	2039/40
Thomas HS	2001 (18)	2,282	2,172	2,418	2,834	3,257
Richard MS	2006 (13)	1,440	993	1,193	1,464	1,983
Harrison MS	1976 (43)	1,058	828	908	1,041	1,020
Alpha ES	1990 (29)	715	765	751	802	794
Beta ES	1994 (25)	731	494	519	521	523
Gamma ES	1981 (38)	491	593	705	852	1,263
Delta ES	1964 (55)	677	598	700	748	818
Epilson ES	1989 (30)	531	565	586	607	634
Zeta ES	1958 (61)	738	717	727	747	803
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:		
Forecasts of Future Housing Development - Source				Approved/Unbuilt		Proposed
		Total Units		Single Family	Multi-Family	Single Family Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)		10,513		--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)		24,415		8,503	1,918	11,816 2,178

### School Capacities:

#### Middle and High Schools

Functional Capacity (middle and high schools) – the total number of students that can be housed at a school under the established maximum class sizes, and program and school configurations. This figure is the official capacity of the school, as identified in the most current version of the WCSD Capacity Analysis.

#### Elementary Schools

Base (elementary schools) – the design capacity of the school, based on established classroom sizes, providing individual classrooms for each teacher, and using a traditional school calendar.

Figures highlighted in yellow indicate when a projected student population is anticipated to approach to within ten percent (10%) of the maximum capacity for that school. This is essentially a warning that the school is approaching its maximum capacity, and that planning should begin on how to address the potential future overcrowding at the school.

Figures highlighted on orange indicate when a projected student population is anticipated to exceed the maximum capacity for that school.



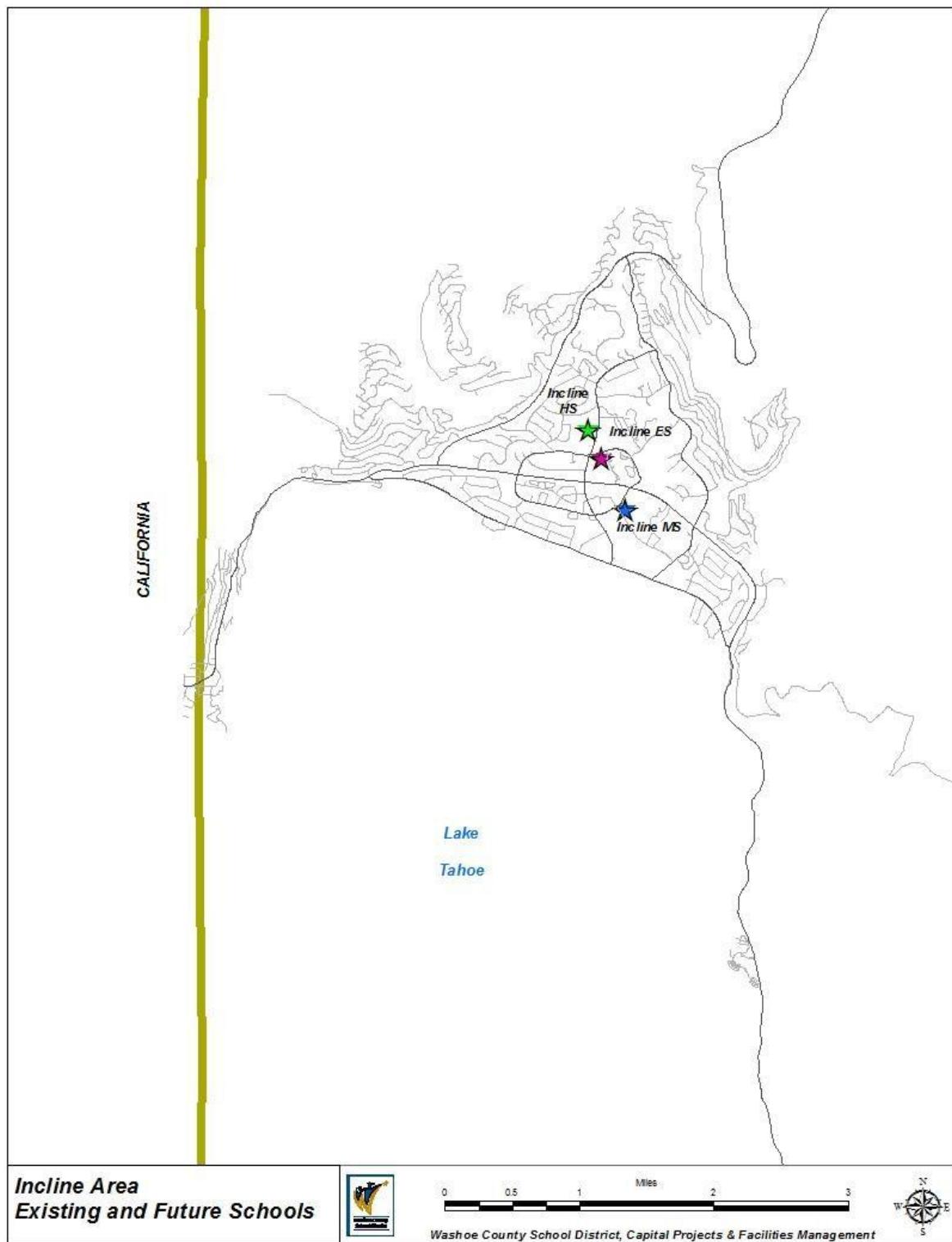
Figures highlighted in red indicate when a school's projected enrollment is anticipated to exceed the maximum capacity of that school by at least 20%. At this point, the District may need to consider taking additional significant steps such as shifting to a multi-track year round school calendar for elementary schools, or implementation of dual-sessions for middle or high schools, or other actions as needed to address the severe overcrowding and to maintain the educational integrity of the school.

Table 3 below summarizes the projected school facility needs over the next twenty years, based on an analysis of enrollment forecasts and current school capacities. The projected enrollments and school facility needs for each region are discussed in greater detail following this summary.

**Table 3**  
**Summary of Anticipated 20-Year School Facility Needs**

	<b>Facilities Plan Area</b>	<b>Facility location/timing</b>
<b>Short Range (2020 – 2024)</b>		
1.	South Truckee Meadows	Complete construction and open the new Marce Herz Middle School off of Arrowcreek Parkway, to open in the Fall of 2020
2.	Spanish Springs	Complete construction and open the new John Bohach Elementary School, located next to Sky Ranch MS in Kiley Ranch, in the Fall of 2020
3.	Sparks	Construct a new high school on the northern portion of the existing Wildcreek Golf Course, to open in the Fall of 2022
4.	North Reno/Sun Valley	Renovate the current Hug HS campus into a career and technical academy to open in the Fall of 2023
5.	North Valleys	Open a new elementary school in the northern Cold Springs area to open in the Fall of 2021
6.	North Valleys	Renovate the existing O'Brien MS and construct an expansion to allow the reassignment of the 6 <sup>th</sup> grades to relieve current and projected overcrowding from the surrounding elementary schools, Fall 2022
7.	South Reno	Construct an expansion of Swope MS to allow the reassignment of the 6 <sup>th</sup> grades to relieve current and projected overcrowding from the surrounding elementary schools, Fall 2022
8.	South Truckee Meadows	Construct a new elementary school off of Rio Wrangler Parkway
<b>Medium Range (2025 – 2029)</b>		
1.	North Valleys	Construct a new high school in the Cold Springs area (capacity and/or phasing to be determined)
2.	North Valleys	Construct a new elementary school off of Sky Vista Parkway in the southern Stead area
3.	Spanish Springs	Construct a new elementary school in the middle or northern portion of the Spanish Springs area
4.	Northwest Reno	Construct addition of classrooms and associated spaces to McQueen High School
<b>Long Range (2030 – 2039)</b>		
1.	North Valleys	Construct a new elementary school in the southern Cold Springs area within the Stontegate development
2.	North Valleys	Construct a new elementary school west of the Silver Knolls area in the vicinity of the Silver Hills development
3.	Northwest Reno	Construct new elementary school in the Verdi area south of I-80
4.	Northwest Reno	Construct a classroom addition to Billinghamurst MS, as needed
5.	South Reno or South Truckee Meadows	Construct a new high school in the northern portion of the South Truckee Meadows area
6.	South Truckee Meadows	Construct a new elementary school in the Daybreak development in the South Truckee Meadows area
7.	Spanish Springs	Construct a classroom addition to Shaw MS, as needed
8.	Sparks	Construct a classroom addition to Mendive MS, as needed

## Incline Area Existing and Future Schools



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations			
			2019/20	2024/25	2029/30	2039/40
Incline HS	1968	882	318	243	208	211
Incline MS	1981	575	198	128	127	134
Incline ES	2003	661	294	274	278	293
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:		
Forecasts of Future Housing Development - Source				Approved/Unbuilt		Proposed
		Total Units	Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)		N/A	--	--	--	--
Approved & proposed residential units (UNR/CRS, 1 <sup>st</sup> Quarter/2019)		N/A	--	--	--	--

### **Discussion**

This region consists solely of the Incline Village area, and includes just the three Incline schools. Since many of the existing residential units are seasonal, the school enrollments are relatively low, as reflected in the table above.

As this area is outside the jurisdiction of the Truckee Meadows Regional Planning Agency, it was not included in the TMRPA Housing Study. Likewise, it is not included in the UNR/CRS quarterly residential activity report. However, given the strict development regulations enforced by the Tahoe Regional Planning Agency, it is unlikely that any new year-round residential development of any significant scale will occur. As a result, it is not anticipated that any of the three schools will approach their respective capacities during the time-frame of this plan.

The Incline ES was opened in the 2003/24 school year. This facility replaced the older elementary school that was constructed in 1964 and was inadequate to provide modern levels of educational services. The WCSD currently retains ownership of the old facility and is currently working with other public entities to determine interest in transferring ownership of the site for public benefit.

### **Anticipated facility needs based on current student projections**

#### Short Range (2019 – 2023)

None

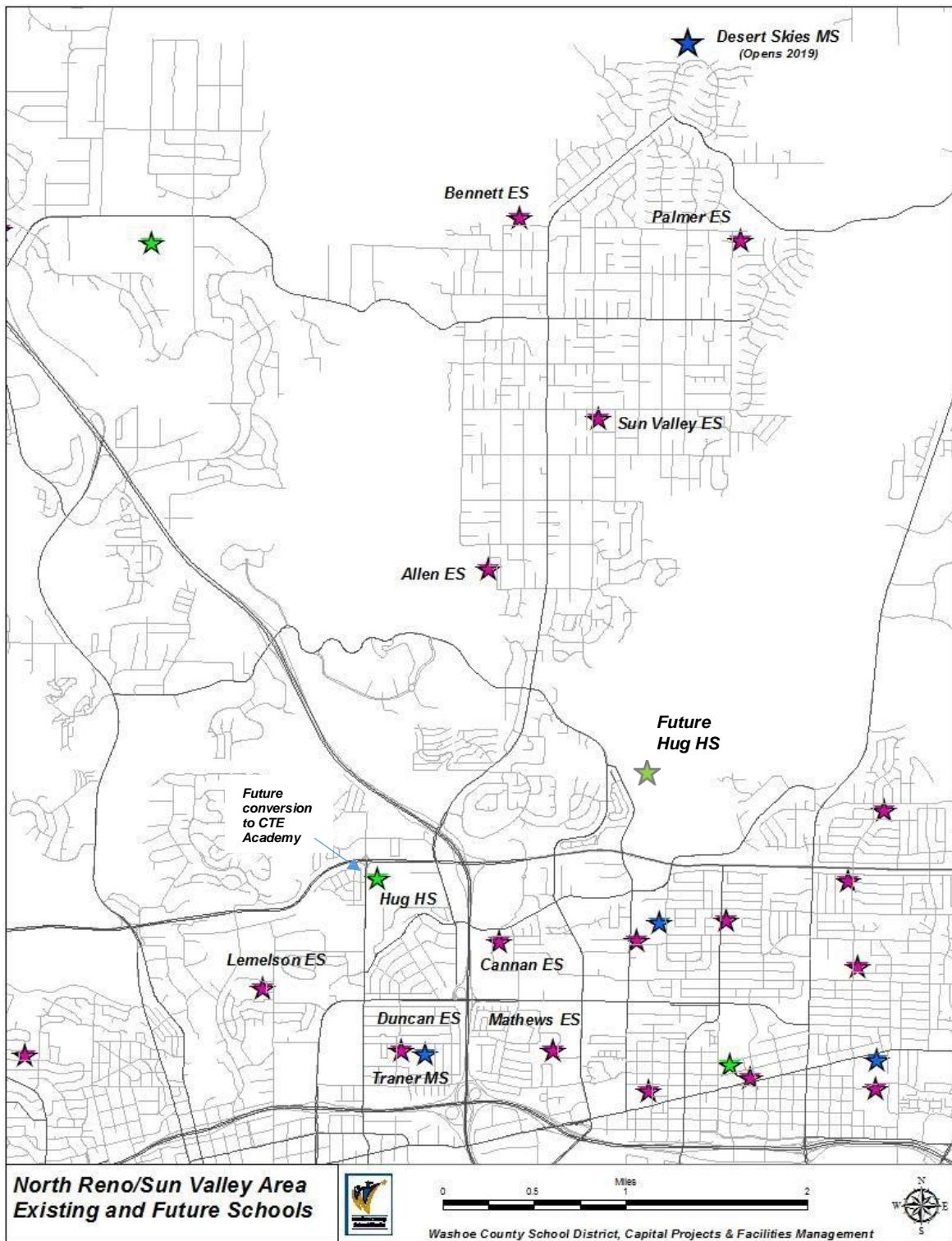
#### Medium Range (2024 – 2028)

None

#### Long Range (2029-2039)

None

## **North Reno/Sun Valley Area Existing and Future Schools**



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations			
			2019/20	2024/25	2029/30	2039/40
Proctor Hug HS	1968	1,904	1554	1443	1354	1329
Desert Skies MS	2019	1,412	1,050	901	917	955
Fred Traner MS	1961	858	685	511	493	553
Lois Allen ES	1991	562	423	393	391	411
Esther Bennett ES	1998	738	438	435	434	453
Rita Cannan ES	1961	539	429	388	400	428
Glenn Duncan ES	1957	507	402	400	399	419
Dorothy Lemelson ES	1949	485	282	290	292	308
Bernice Mathews ES	1997	650	553	506	505	539
Virginia Palmer ES	1981	543	452	486	468	492
Sun Valley ES	1951	654	522	536	548	565
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:		
Forecasts of Future Housing Development - Source			Approved/Unbuilt		Proposed	
	Total Units		Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)	1,868		--	--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)	755		111	184	75	375

## **Discussion**

This region consists of the areas east and northeast of the University of Nevada, as well as the entirety of the Sun Valley area. Most of this area is built-out, which is reflected in the relatively stable projected enrollments of the schools through 2038.

In the Fall of 2019, the new Desert Skies Middle School opened at the northern end of Sun Valley. The opening of this new school and the subsequent realignment of school attendance zones has allowed the District to alter the grade configuration of the schools, elevating the 6<sup>th</sup> grades from all of the elementary schools in this area into their respective middle schools. This grade realignment of elementary and middle schools to K - 5<sup>th</sup> grade and 6<sup>th</sup> - 8<sup>th</sup> grade models, respectively, is in fulfillment of District policy with regards to grade configurations. This has resulted in a substantial reduction in projected elementary school enrollments which should eliminate the need for the construction of any additional schools in this area over the timeframe of this plan.

As noted above, this area is for the most part built-out. The 1,800+ future development potential identified in the TMRPA Housing Study would most likely consist of fairly high-density multi-family development. Given that most of the existing multi-family development in this area tends towards the lower rent ranges, it is likely that any new development would likewise serve those in the lower income brackets. Typically, apartments in these rental ranges tend to produce more school-aged children than those in the higher income brackets. Thus, the possibility exists that a new medium-to-large sized apartment development in this area could produce a fairly sizable influx of students in a relatively short time frame. Fortunately, the grade realignment noted above will also result in a considerable increase in the amount of available capacity on the elementary school level, allowing any potential sudden enrollment increase to be absorbed by the existing schools in this area.

The WCSD currently is beginning construction of a new high school just to the east of this area on the northern portions of the Wildcreek Golf Course, with a planned opening in the Fall of 2022 (refer to the Sparks Area portion of this chapter). It is currently anticipated that the new high school will take over all of the current attendance zone for Hug HS, as well as the portion of the Spanish Springs HS attendance zone in the northern Sun Valley area. With the opening of that school, it is then planned that the current Hug HS campus would undergo extensive renovations to convert it into a career & technical education (CTE) campus, similar to the District's existing Academy of Arts, Careers & Technology (AACT). The current planning anticipates the renovations to be completed in time for the CTE academy to open in 2023. The CTE academy would draw students from all of the other high schools in the District, providing a measure of enrollment/capacity relief to those schools.

### **Anticipated facility needs based on current student projections**

#### Short Range (2019 – 2023)

1. Renovate the current Hug HS campus into a career and technical academy to open in the Fall of 2023.

#### Medium Range (2024 – 2028)

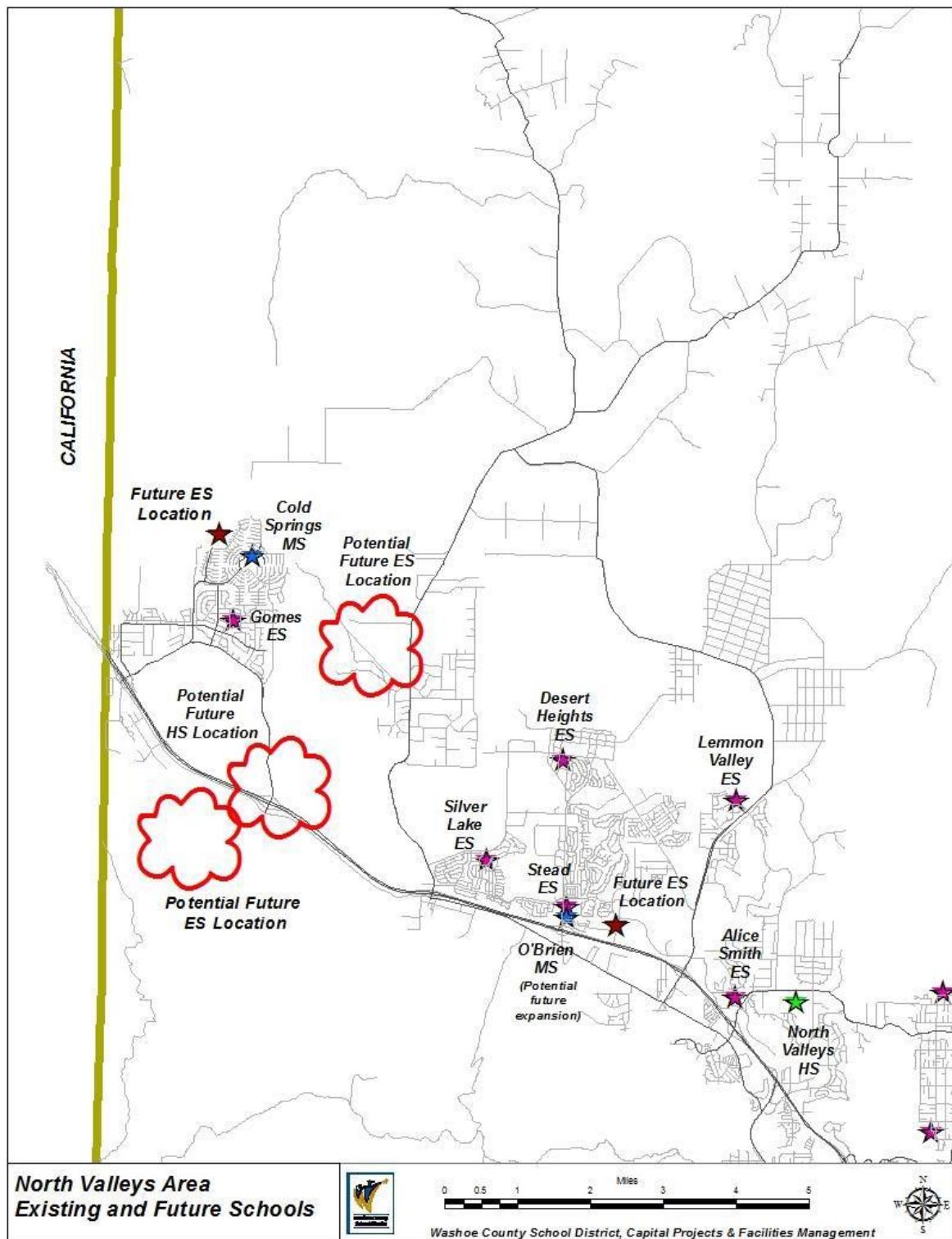
None

#### Long Range (2029-2039)

None

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## North Valleys Area Existing and Future Schools



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations				
			2019/20	2024/25	2029/30	2039/40	
North Valleys HS	2001	2,282	2,184	2,461	2,820	3,382	
Cold Springs MS	2006	1,440	1,001	1,070	1,308	1,911	
William O'Brien MS	1976	1,058	846	869	1,005	1,090	
Alice Smith ES	1990	715	767	793	879	885	
Desert Heights ES	1994	731	502	526	521	542	
Nancy Gomes ES	1981	491	610	737	866	1,333	
Lemmon Valley ES	1964	677	586	654	740	864	
Silver Lake ES	1989	531	544	544	594	645	
Stead ES	1958	738	678	708	757	833	
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:			
Forecasts of Future Housing Development - Source				Approved/Unbuilt		Proposed	
		Total Units		Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)		10,513		--	--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)		24,982		3,944	1,641	17,219	2,178

## Discussion

In the years prior to the start of the Great Recession, the north valleys area was one of the centers of residential construction in Washoe County. New housing development was virtually eliminated in the resulting housing market crash; and although the housing market in this area has still not fully recovered, there has still been enough new residential construction to push several schools to enrollment levels near or over their respective capacities. With the amount of approved and proposed residential development in this area, current enrollment projections show all but one school over capacity by 2028. As a result, this area has the most planned school facilities of any of the areas evaluated in this document.

Currently, Cold Springs has only one elementary school (Gomes ES), with the northern rural areas served by Silver Lake ES. Both areas are served by the Cold Springs MS. With the recent approval of the massive Stonegate development, along with the Silver Hills and other proposed developments, several new schools will be required to serve the future residents of these new neighborhoods. One new elementary school will be constructed in the northern Cold Springs area with an anticipated opening in the Fall of 2021, with two additional elementary schools also likely to be built in the years to follow. These schools will also provide relief for Cold Springs MS, which currently houses the 5<sup>th</sup> grades from both Gomes ES and Silver Lake ES. The construction of the new elementary schools will allow those 5<sup>th</sup> grade students to be returned to their zoned elementary school, thereby reducing the projected enrollments at Cold Springs MS.

An additional elementary school is planned for the lower Stead area off of Silver Dollar Drive. This school will provide overcrowding relief for Alice Smith, Lemmon Valley and Stead elementary schools.

In addition to the relief provided to Cold Springs MS with the construction of the new elementary schools in the Cold Springs area, planning for a rebuild and capacity expansion of O'Brien MS is underway. This project will allow the 6<sup>th</sup> grades from the surrounding elementary schools to be moved up to O'Brien, thereby providing additional relief for those overcrowded schools.

North Valleys High School is currently nearing its maximum capacity, and current enrollment projections forecast that it will be severely overcrowded within the next ten years. To address this, a new high school is proposed to be constructed in the Cold Springs area, within the recently approved Stonegate development.

### **Anticipated facility needs based on current student projections**

#### Short Range (2019 – 2023)

1. Open new elementary school in the northern Cold Springs area
2. Rebuild the existing O'Brien MS with an increase in school capacity to allow the elevation of the 6<sup>th</sup> grades from surrounding elementary schools

#### Medium Range (2024 – 2028)

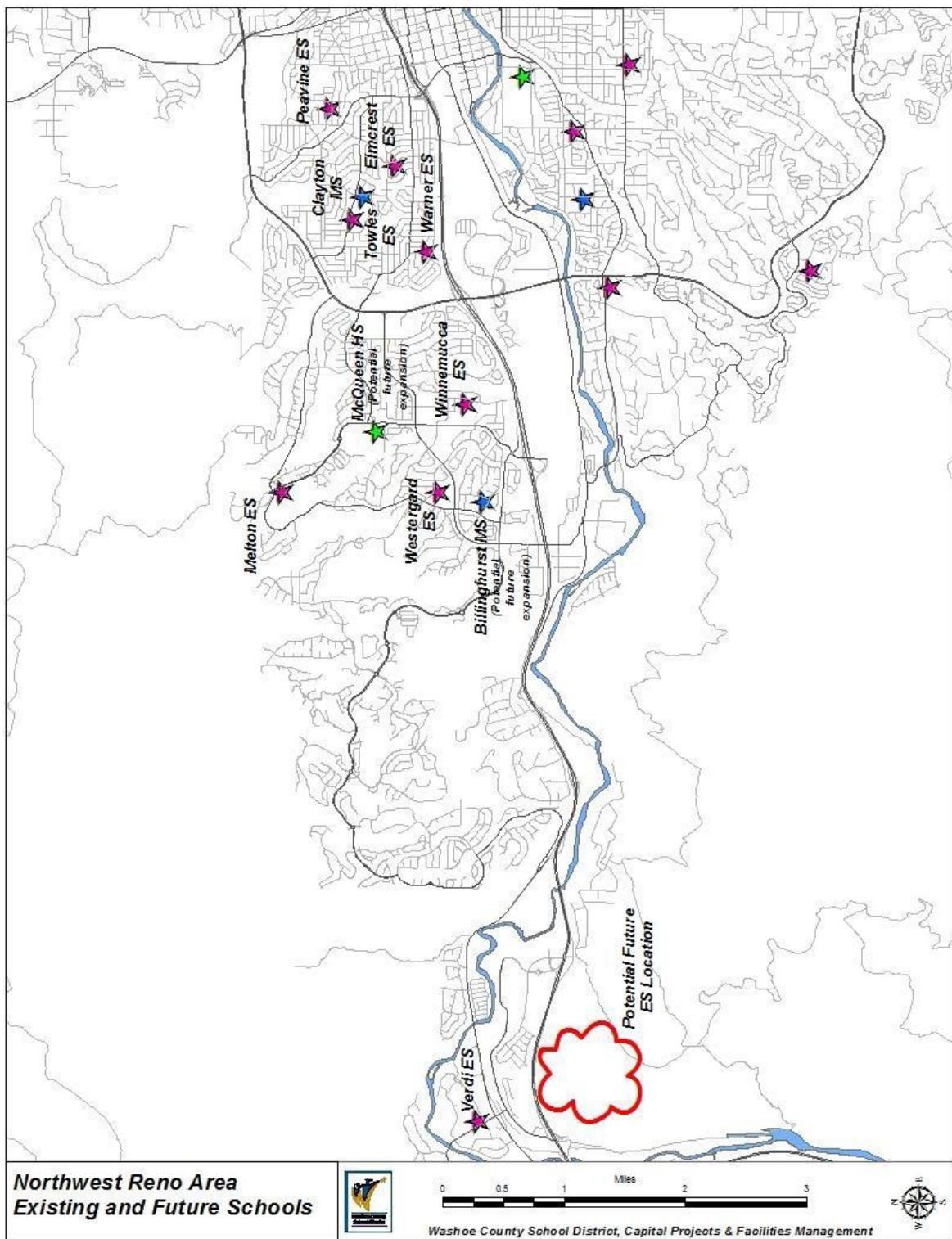
1. Construct a new high school in the Cold Springs area
2. Construct a new elementary school off of Sky Vista Parkway in the southern Stead area

#### Long Range (2029-2039)

1. Construct a new elementary school in the southern Cold Springs area within the Stonegate development
2. Construct a new elementary school west of the Silver Knolls area in the vicinity of the Silver Hills development

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## Northwest Reno Area Existing and Future Schools



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations			
			2019/20	2024/25	2029/30	2039/40
Robert McQueen HS	1982	1,717	1,673	1,631	1,719	1,685
Archie Clayton MS	1965	918	794	711	710	744
B.D. Billingshurst MS	1990	1,128	1,062	1,063	1,098	1,137
Elmcrest ES	1959	526	321	328	338	364
Rollan Melton ES	2002	695	561	549	563	585
Peavine ES	1955	415	363	386	386	399
Mamie Towles ES	1965	509	300	312	304	321
Verdi ES	1962	396	259	310	315	332
Grace Warner ES	1964	482	328	336	336	352
George Westergard ES	1989	572	571	584	588	622
Sarah Winnemucca ES	1994	759	602	640	633	663
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:		
Forecasts of Future Housing Development - Source			Approved/Unbuilt		Proposed	
	Total Units		Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)	6,316		--	--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)	8,048		938	2,040	2,560	2,510

## **Discussion**

Most of this area inside of McCarran Boulevard and in the Mae Anne/Robb Drive areas are approaching build-out of available lands. Future development in this area in the near term is expected to consist of scattered multi-family development, with single family construction concentrated in the Somersett development and satellite projects, shifting westward to the areas east and south of Verdi which contain the majority of the approved and planned residential units in this region.

While current enrollment projections do not indicate that Verdi ES will exceed its capacity within the time period of this report, it is likely that at some point a new elementary school will be needed in the Verdi area. In the early 2000's, the Mortensen-Garson Development Standards Handbook (DSH) was adopted, which detailed the proposed development for the lands in this area, including identification of a proposed elementary school site on the lands to the south of I-80 in the Verdi area. The DSH was incorporated into the current City of Reno Master Plan as the Mortensen-Garson Neighborhood Plan; however, the proposed school site is no longer specifically identified on the land use maps. If the future, as development plans for this area are submitted to Reno for review and approval, it is likely that the WCSD will request a set-aside for an elementary school site to address the future enrollment growth arising from the residential development.

Westergard ES is currently at its maximum capacity, and is projected to slightly near this level through the timeframe of this document. Neighboring schools to Westergard (specifically Rollan Melton and Sarah Winnemucca Elementary Schools) are anticipated to have sufficient capacity to provide relief by way of rezoning, should Westergard continue to remain over-crowded.

Billinghurst middle school is currently near to its maximum capacity, and is expected to remain at that level through most of the 20-year planning horizon. As with Verdi ES, should the pace of development and the number of students resulting from that development exceed current expectations, it is possible that Billinghurst could exceed its maximum capacity sometime within the 20-year timeframe. In this event, it is likely that an addition to the existing school would be planned to provide additional permanent capacity to the school, as it is not anticipated that it would exceed its capacity limit by a sufficient degree to justify construction of a new full-sized middle school. Alternatively, the new school in the Verdi area discussed above could be configured as a K-8<sup>th</sup> grade school to provide additional middle school level capacity. These and possibly other options will be more closely examined in the future as enrollment increases warrant.

McQueen High school is currently near its maximum capacity, and is anticipated to temporarily exceed its capacity within the next ten to twelve years, before again dropping under that level. Historically, McQueen has been one of the most over-crowded high schools in the District. However, with the decline in the rate of residential development in recent years, McQueen has seen a slow but persistent decline in its overall enrollment levels.

Planning is currently underway for an addition of approximately 8-13 classrooms and other related spaces to McQueen. This addition will allow the removal of the seven portable classroom modules current on site, a legacy of the years when McQueen was severely overcrowded. The timing of this addition will depend on several factors, including future enrollment growth and changes in current high school attendance zones resulting from the construction of the planned new high school in the Wildcreek area; additional relief (for all District high schools) will be provided the following year with the renovation of the current Hug HS campus into a Career & Technical Education (CTE) academy.

### **Anticipated facility needs based on current student projections**

#### Short Range (2019 – 2023)

None

#### Medium Range (2024 – 2028)

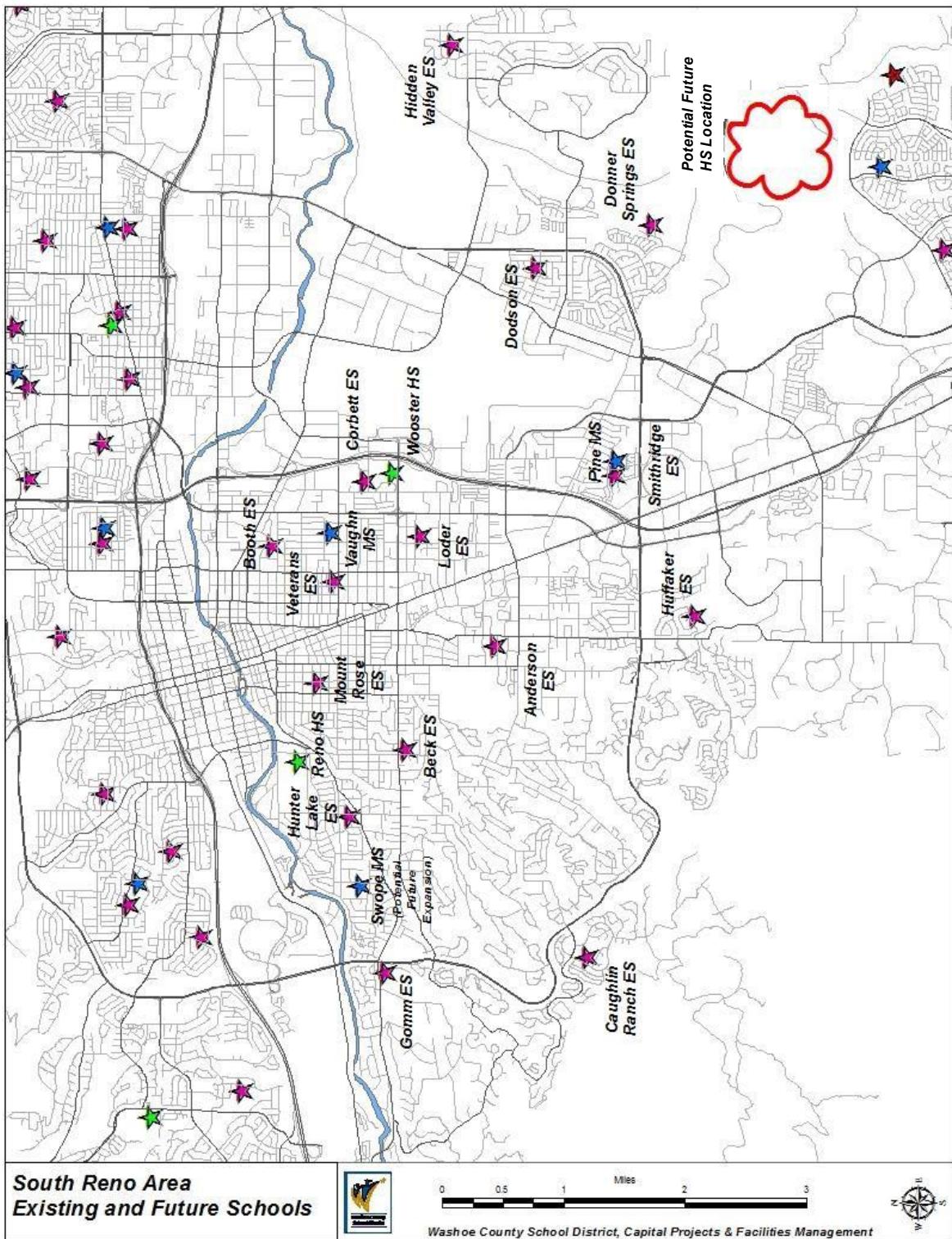
1. Construct addition of classrooms and associated spaces to McQueen High School and removal of existing portable classroom units

#### Long Range (2029-2039)

1. Construct new elementary school in the Verdi area
2. Construct classroom addition to Billinghurst MS, as needed

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## South Reno Area Existing and Future Schools



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations			
			2019/20	2024/25	2029/30	2039/40
Reno HS	1951	2,162	1,728	1,827	1,967	1,888
Earl Wooster HS	1962	1,796	1,604	1,628	1,518	1,513
Darrell Swope MS	1966	903/1,206	773	1,182	1,143	1,209
Edward Pine MS	1976	1,048	964	1,026	977	1,066
E. Otis Vaughn MS	1956	855	640	546	539	563
Anderson ES	1955	447	468	392	384	405
Jessie Beck ES	1958	543	573	492	500	526
Libby Booth ES	1956	522	399	377	373	396
Caughlin Ranch ES	1990	606	558	509	507	535
Roger Corbett ES	1959	543	506	404	405	425
Donner Springs ES	1996	775	618	558	564	607
Roy Gomm ES	1966	543	459	422	422	444
Hidden Valley ES	1989	662	410	324	323	346
Huffaker ES	1989	594	422	436	451	488
Hunter Lake ES	1955	447	383	354	345	362
Echo Loder ES	1957	589	528	491	498	513
Mount Rose ES	1911	383	485	371	377	393
Smithridge ES	1965	640	613	588	611	643
Veteran's ES	1948	499	400	359	360	379
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:		
Forecasts of Future Housing Development - Source		Approved/Unbuilt		Proposed		
		Total Units	Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)		10,754	--	--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)		10,897	331	3,101	6,105	1,360

## **Discussion**

This region encompasses the areas primarily south of the Truckee River and includes the neighborhoods along McCarran Boulevard, along with the Hidden Valley area. This area includes some of the oldest parts of Reno; this is reflected in the age of many of the schools located here.

Most of this area has been built-out for many years. The relatively high number of approved multi-family units reflect the redevelopment of properties in many of these older neighborhoods, with the projects underway at the old Park Lane Mall as a good example of this. The 6,100+ proposed single family units lie mainly in two proposed projects – the 1,800+ unit Evans Creek development which lies on the south side of McCarran Blvd. between Caughlin Ranch and Huffaker elementary schools; and approximately 4,000 units in the Butler Ranch/Daybreak development between Hidden Valley and Donner Springs elementary schools.

Several elementary schools in this area are currently near or over capacity, or would have gone over capacity in the near future. Most of these schools will receive some measure of overcrowding relief with the 2020 opening of the new Marce Herz Middle School in the southwestern Truckee Meadows area. Several approved realignments of elementary and middle school zones which will occur with the opening of this new middle school will allow both Pine and Vaughn middle schools to take on the sixth grades from their respective feeder elementary schools. This will address the overcrowding issues at most of these schools.

In the case of Swope MS, it is not currently possible to implement the sixth grade realignment due to limited available capacity at that school, due to elevated enrollments and the number of schools that feed into Swope. To address this, an addition to Swope MS is currently in the planning stages with an anticipated completion in time for the 2022/23 school year. When completed, this project will expand the school's capacity sufficiently to allow it to fully absorb the sixth grades from all of the elementary schools that are currently assigned to it.

Most of the existing multi-family development in the South Reno Area tends towards the lower rent ranges, and it is likely that a large proportion of any new multi-family developments would likewise serve those in the lower income brackets. Typically, apartments in these rental ranges tend to produce more school-aged children than those in the higher income brackets, so any new apartment developments in this area has the potential to produce a fairly sizable influx of students in a relatively short time frame. Since most of this area (inside of McCarran Boulevard) is mostly built-out, this creates significant issues with regards to acquisition of sufficient lands to construct a new school in this area. However, with the steps noted above (especially the elevation of sixth grades to the middle school level), a considerable increase in the amount of available capacity at the elementary school level has been created, thus allowing any potential sudden enrollment increase to be absorbed by the existing schools in this area without the need for additional new school facilities.

For a number of years the possibility of constructing a new high school in the southern area of the District has been discussed. This new school would relieve projected future overcrowding at Damonte Ranch HS, as well as reducing enrollment levels at the aging Reno and Wooster High Schools. Several possible locations for this new school have been discussed, and will continue to be explored in the future as high school enrollment growth warrants.

### **Anticipated facility needs based on current student projections**

#### Short Range (2019 – 2023)

1. Construct a capacity expansion to the existing Swope Middle School

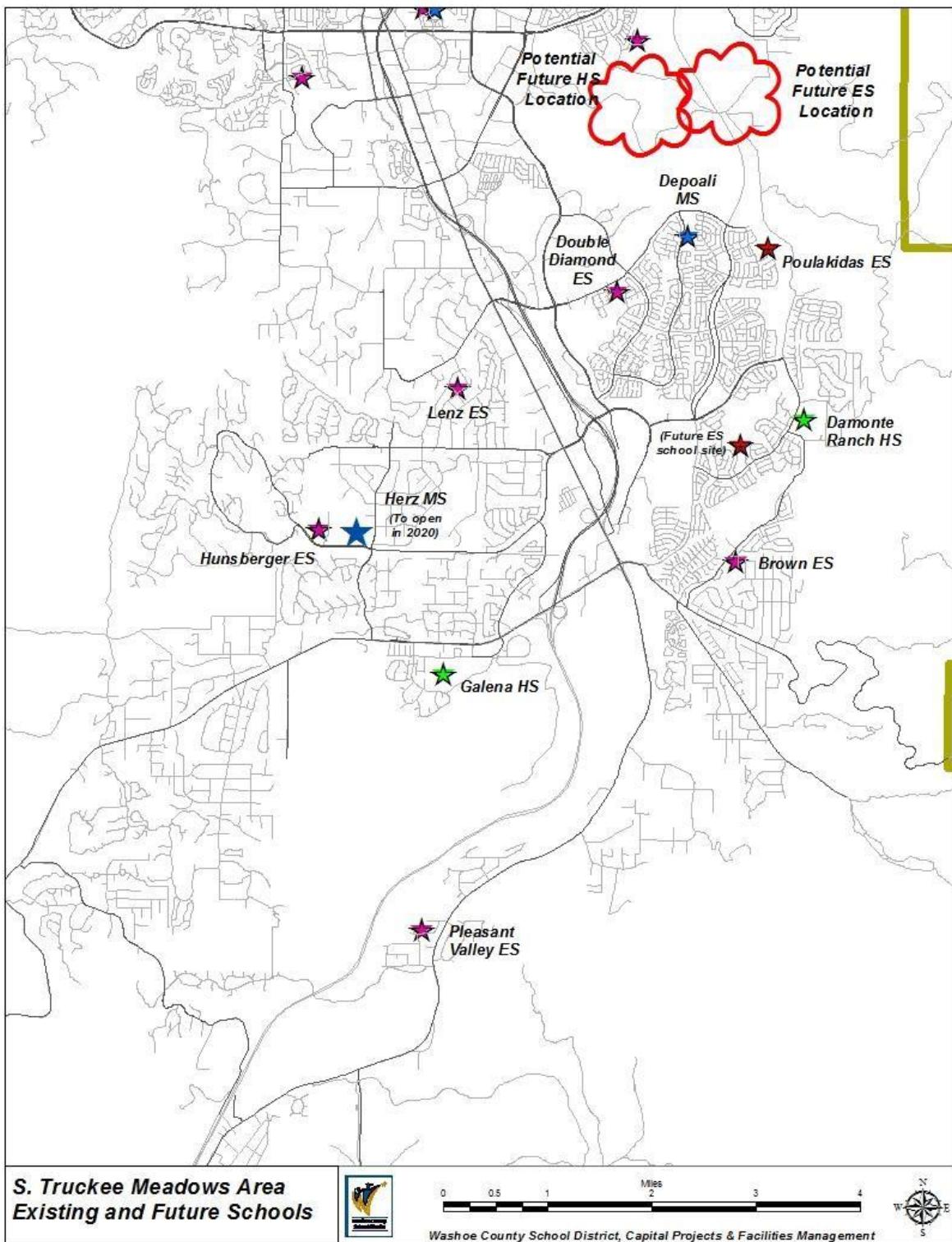
#### Medium Range (2024 – 2028)

None

#### Long Range (2029-2039)

1. Construct a new high school in the Butler Ranch/Daybreak area

## **South Truckee Meadows Area** **Existing and Future Schools**



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations				
			2019/20	2024/25	2029/30	2039/40	
Damonte Ranch HS	2003	2,170	1,829	1,896	2,059	2,055	
Galena HS	1992	1,893	1,494	1,526	1,639	1,635	
Kendyl Depoali MS	2009	1,412	1,292	908	970	1,031	
Marce Herz MS	2010	1,412	--	1,050	1,104	1,179	
Brown ES	1989	618	596	645	657	711	
Double Diamond ES	2002	695	535	623	632	657	
Ted Hunsberger ES	1997	739	675	638	654	717	
Elizabeth Lenz ES	1981	526	539	519	511	533	
Pleasant Valley ES	1964	552	392	369	394	424	
Nick Poulakidas ES	2019	682	774	888	856	927	
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:			
Forecasts of Future Housing Development - Source				Approved/Unbuilt		Proposed	
		Total Units		Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)		10,298		--	--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)		7,673		2,848	1,583	3,242	--

## Discussion

Over the past two-plus decades, this area, along with Spanish Springs, has been one of the centers of intensive residential development in Washoe County. With over 10,000 potential future residential units (TMRPA, 2016), this trend is likely to continue well into the future.

With the rapid residential growth has come substantial enrollment increases, with the result that the schools in this area have been chronically stressed with respect to enrollments and capacities. In the Fall of 2019, the new Nick Poulakidas ES opened in the Damonte Ranch area. This school provided relief to Brown and Double Diamond elementary schools, both of which were severely overcrowded at the time. However, as shown on the chart above, Poulakidas itself opened over capacity and is projected to be severely overcrowded within the next five years. A second new elementary school is being planned and will likely begin construction within the next few years on property owned by the District off of Rio Wrangler Parkway. A third new elementary school site has been identified in the proposed Daybreak development in the northeastern portion of this area.

There is currently one middle school – Kendyl Depoali MS – located in this area. This school primarily serves the students in the eastern half of this area (South Meadows/Damonte Ranch/Pleasant Valley). Students on the western side of South Virginia Street – mainly those attending Hunsberger and Lenz elementary schools – are currently bussed to Pine MS on Neil

Road north of McCarran Boulevard. Although Depoali MS was opened only ten years ago, it is already nearing capacity and is forecast to exceed capacity in approximately six years. To relieve the overcrowding at Depoali as well as to provide a closer, more "neighborhood" middle school to serve the residents of the southwestern area, the new Marce Herz Middle School is under construction on a site along Arrowcreek Parkway near Hunsberger ES. This school will open in the Fall of 2020. Herz MS will open in a 6<sup>th</sup>-8<sup>th</sup> grade configuration, so in addition to providing relief for Depoali MS it will also address the overcrowding at Lenz and Hunsberger by taking the 6<sup>th</sup> grade students from those schools.

As with most of the other schools in this area, enrollment at Damonte Ranch HS is increasing and is projected to approach its capacity within the next ten years. Galena HS currently has sufficient capacity to provide relief for Damonte Ranch, and the District is currently in the process of a comprehensive examination of the high school attendance zones. One possible outcome of this effort could be an adjustment to the attendance zones between Damonte Ranch HS and Galena HS, which could provide some degree of relief for Damonte Ranch.

As noted in the South Reno Area section of this plan, the District has been considering the construction of a new high school in the southern area of the District, which would provide a long-term answer to enrollment growth and overcrowding at the high school level in the southern portion of the District. Of the locations that have been considered, one lies partially within the proposed Daybreak development in the northeastern portion of this area. The District will continue to work on identifying a feasible site for future construction of a new high school somewhere in an appropriate location in the southern portion of the District.

### **Anticipated facility needs based on current student projections**

#### Short Range (2019 – 2023)

1. Construct the new Marce Herz Middle School off of Arrowcreek Parkway in the southwestern portion of this area, to open in the Fall of 2020.
2. Construct a new elementary school off of Rio Wrangler Parkway in the southeastern portion of this area

#### Medium Range (2024 – 2028)

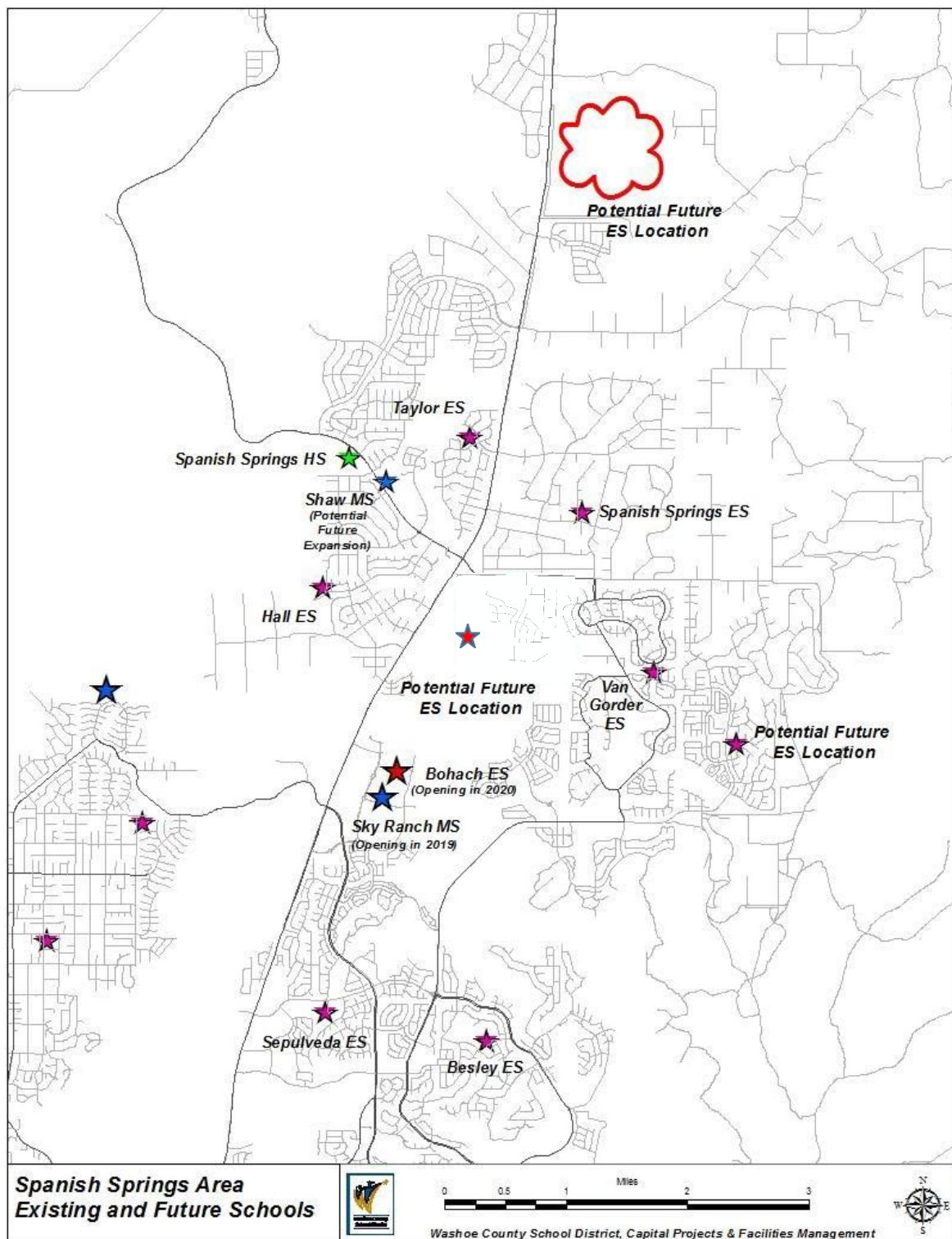
None

#### Long Range (2029-2039)

1. Construct a new elementary school in the Daybreak development in the northeastern portion of this area

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## Spanish Springs Area Existing and Future Schools



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations			
			2019/20	2024/25	2029/30	2039/40
Spanish Springs HS	2001	2,312	2,492	2,750	3,062	3,213
Yvonne Shaw MS	2004	1,183	926	1,060	1,148	1,343
Sky Ranch MS	2019	1,412	1,347	1,477	1,616	1,714
Bud Beasley ES	1995	776	703	731	745	786
John Bohach ES	2020	682	--	655	783	867
Jesse Hall ES	2006	682	505	607	664	866
Miguel Sepulveda ES	2006	682	727	696	693	736
Spanish Springs ES	1994	739	789	681	671	705
Alyce Taylor ES	1990	634	674	668	706	765
Edward Van Gorder ES	2000	739	762	614	629	667
Key:		Approaching Capacity:	Over Capacity:	Severely Overcrowded:		
Forecasts of Future Housing Development - Source				Approved/Unbuilt		Proposed
		Total Units	Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)		8,330	--	--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)		14,432	4,742	2,192	6,828	670

## **Discussion**

Over the past twenty or more years, this area, along with the South Meadows/Damonte Ranch area, has seen the highest rates of residential development in Washoe County. With 8,000+ to 14,000+ potential future residential units, this trend is likely to continue well into the future.

As is the case with the South Truckee Meadows Area, with this residential growth has come substantial enrollment increases, with the result that the schools in this area have been chronically stressed with respect to enrollments and capacities. In the Fall of 2019, the new Sky Ranch Middle School opened, which relieved Mendive MS (see the Sparks Area below) by the realignment of Beasley ES from Mendive to Sky Ranch MS, as well as Shaw MS. In addition, with the additional capacity provided by the new school, both Sky Ranch and Shaw middle schools were able to take the 6<sup>th</sup> grade students from all of the elementary schools in this area, which reduced the severity of overcrowding in those schools.

An additional elementary school – John Bohach ES – is currently under construction and will open in the Fall of 2020 next to Sky Ranch MS. This new school will provide additional overcrowding relief for most of the elementary schools in this area. Additional sites for future elementary schools have been identified and are shown on the map for this area.

Current forecasts indicate that future enrollments for both Shaw and Sky Ranch will approach or exceed the maximum capacities of those schools within the timeframe of this plan. To address this, it is likely that sometime in that timeframe the District will plan for and implement capacity expansions to Shaw MS and Mendive MS and engage in a realignment of middle school attendance zones to balance enrollment between the three schools.

Spanish Springs High School is currently the most over-crowded high school in the District. However, with the anticipated 2022 opening of the new high school in the Wildcreek area, it is expected that the portion of the Spanish Springs HS attendance zone in the northern portion of the Sun Valley area will shift to the new school. This will provide substantial (600+ students) overcrowding relief for Spanish Springs HS; additional relief (for all District high schools) will be provided the following year with the renovation of the current Hug HS campus into a Career & Technical Education (CTE) academy.

### **Anticipated facility needs based on current student projections**

#### Short Range (2019 – 2023)

1. Complete construction and open the new John Bohach Elementary School, located next to Sky Ranch MS in Kiley Ranch, in the Fall of 2020.

#### Medium Range (2024 – 2028)

1. Construct a new elementary school in the middle or northern portion of the area

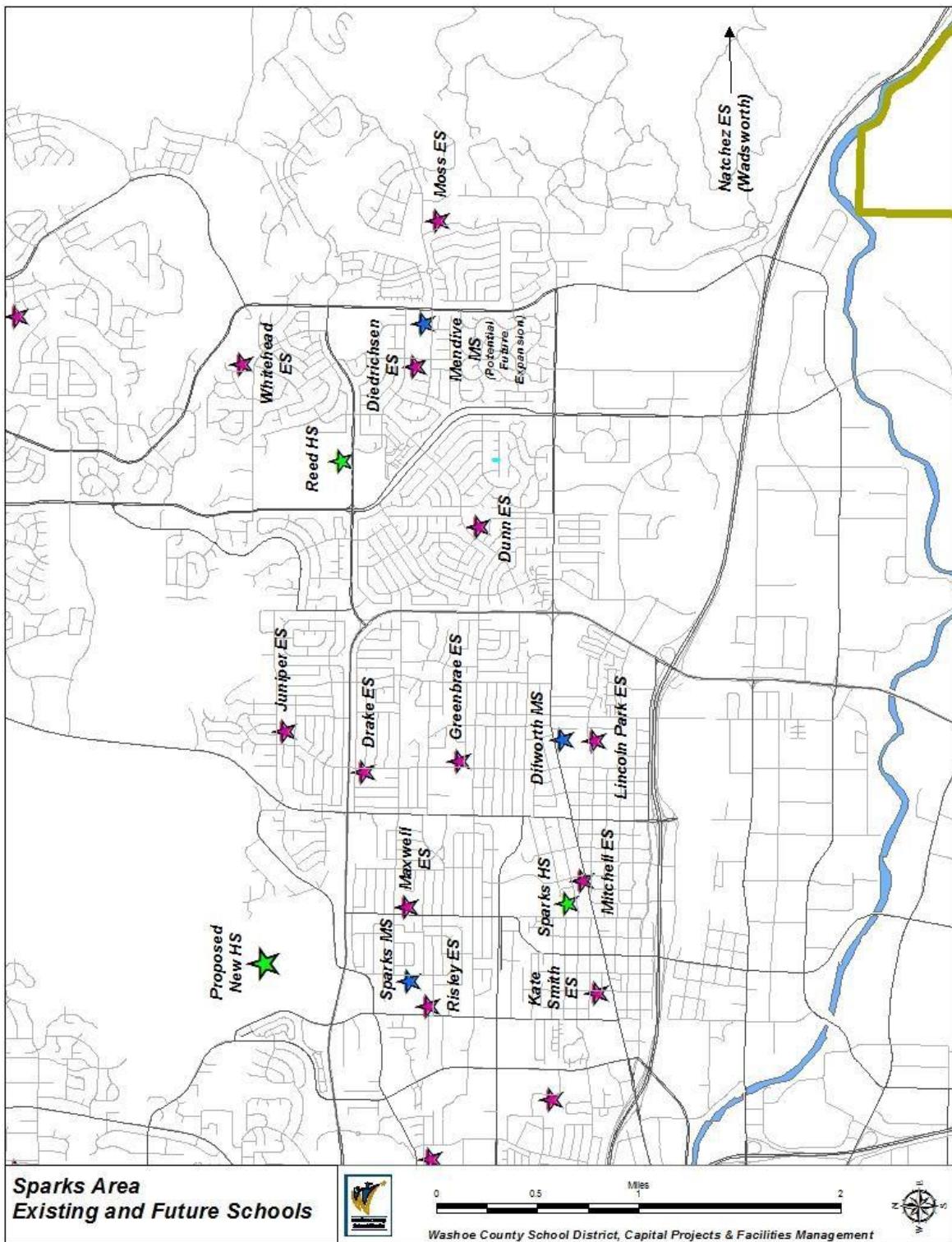
#### Long Range (2029-2039)

1. Plan for and construct an expansion to Shaw MS

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# Current and Future School Facilities

## Sparks Area Existing and Future Schools



School Name	Year Opened	Current Maximum Capacity	Current & Projected Student Populations			
			2019/20	2024/25	2029/30	2039/40
Edward Reed HS	1974	2,330	2,169	2,170	2,390	2,404
Sparks HS	1951	1,567	1,237	1,367	1,345	1,322
George Dilworth MS	1961	831	748	741	716	750
Lou Mendive MS	1995	1,071	941	939	942	973
Sparks MS	1965	965	788	717	681	724
Lloyd Diedrichsen ES	1981	526	372	374	377	394
Florence Drake ES	1960	528	247	245	246	254
Katherine Dunn ES	1981	633	532	556	551	577
Greenbrae ES	1955	382	301	297	303	319
Lena Juniper ES	1964	566	451	467	468	492
Lincoln Park ES	1957	482	420	437	434	456
Alice Maxwell ES	1958	526	449	413	426	453
Robert Mitchell ES	1937	396	389	391	393	413
Marvin Moss ES	1992	699	376	380	377	400
Natchez ES	1972	264	112	122	121	123
Agnes Risley ES	1964	550	458	450	454	482
Kate Smith ES	1963	272	238	213	224	237
Jerry Whitehead ES	1986	543	349	389	388	404
Forecasts of Future Housing Development - Source			Approved/Unbuilt		Proposed	
		Total Units	Single Family	Multi-Family	Single Family	Multi-Family
Potential future (20-year) residential units (TMRPA Housing Study, April 2016)		4,632	--	--	--	--
Approved & proposed residential units (UNR/CRS, 2 <sup>nd</sup> Quarter/2019)		4,172	239	1,499	1,088	1,346

## **Discussion**

This region encompasses most of the Sparks area, excluding Spanish Springs. Most of this area is built-out, with the approved residential developments centered around the Sparks Marina area, as well as the remaining single family neighborhoods in the D'Andrea Ranch. This area also includes the east Truckee Canyon and Wadsworth, although there are currently no approved or planned residential developments in these areas.

The large number of proposed residential units lie mainly in the proposed Copper Canyon development in the hills east of Vista Blvd. A development handbook was adopted by the City of Sparks in 2008; however no actual construction has occurred. Since it is uncertain if and when

this proposed development will happen, its potential impacts on enrollments in schools in this area have not been included in the enrollment forecasts shown above. If Copper Canyon does begin to develop, then the projected enrollment impacts will be incorporated into the future updates of the WCSD Facilities Plan.

This area was impacted by the Fall 2019 opening of the new Desert Skies and Sky Ranch middle schools in the Sun Valley and southern Spanish Springs areas, respectively. The realignment of attendance zones with the opening of these schools has allowed the movement of the sixth grades from the elementary schools into three middle schools in this area, in fulfillment of WCSD policy. As a result, the schools in this area are projected to remain below their respective capacities throughout the timeframe of this plan, with some schools only intermittently approaching capacity. This implementation of the 6<sup>th</sup> grade realignments has also increased the available capacity in the area elementary schools by approximately 700 seats, which should allow the area schools to be in a better position to absorb enrollment increases resulting from unanticipated residential development.

As noted above, the new Sky Ranch MS opened in 2019 just to the north of this area (see the Spanish Springs Area discussion later in this section). Since that school is located in the heart of the Kiley Ranch and other neighboring residential development, it is very possible that Sky Ranch MS may experience overcrowding issues in the near future. To address this, it may become necessary to plan for and construct an expansion to Mendive MS to create additional capacity to allow it provide relief to Sky Ranch MS. The need for and timing of this expansion will become clearer once the enrollment patterns for Sky Ranch MS have become established.

A new high school has been proposed on the northern portion of the Wildcreek Golf Course in the northern portion of this area and is currently in the planning stages. This school is anticipated to open in the Fall of 2022. This school will replace the existing Hug HS and will also absorb a large portion of the current attendance zone for Spanish Springs HS, providing much needed overcrowding relief for that school. Although Sparks HS is not currently anticipated to reach its maximum capacity during the timeframe of this plan, the District is engaged in an ongoing effort to acquire surrounding properties, when they become available, with the objective of having sufficient space on the site to plan for an expansion of the school at some point in the future. This will provide greater flexibility in the educational programs that could be provided at the school, as well as creating additional capacity to address possible future overcrowding in Reed HS.

### **Anticipated facility needs based on current student projections**

#### **Short Range (2019 – 2023)**

1. Construct a new high school in the northern portion of this area, to open in the Fall of 2022

#### **Medium Range (2024 – 2028)**

None

#### **Long Range (2029-2039)**

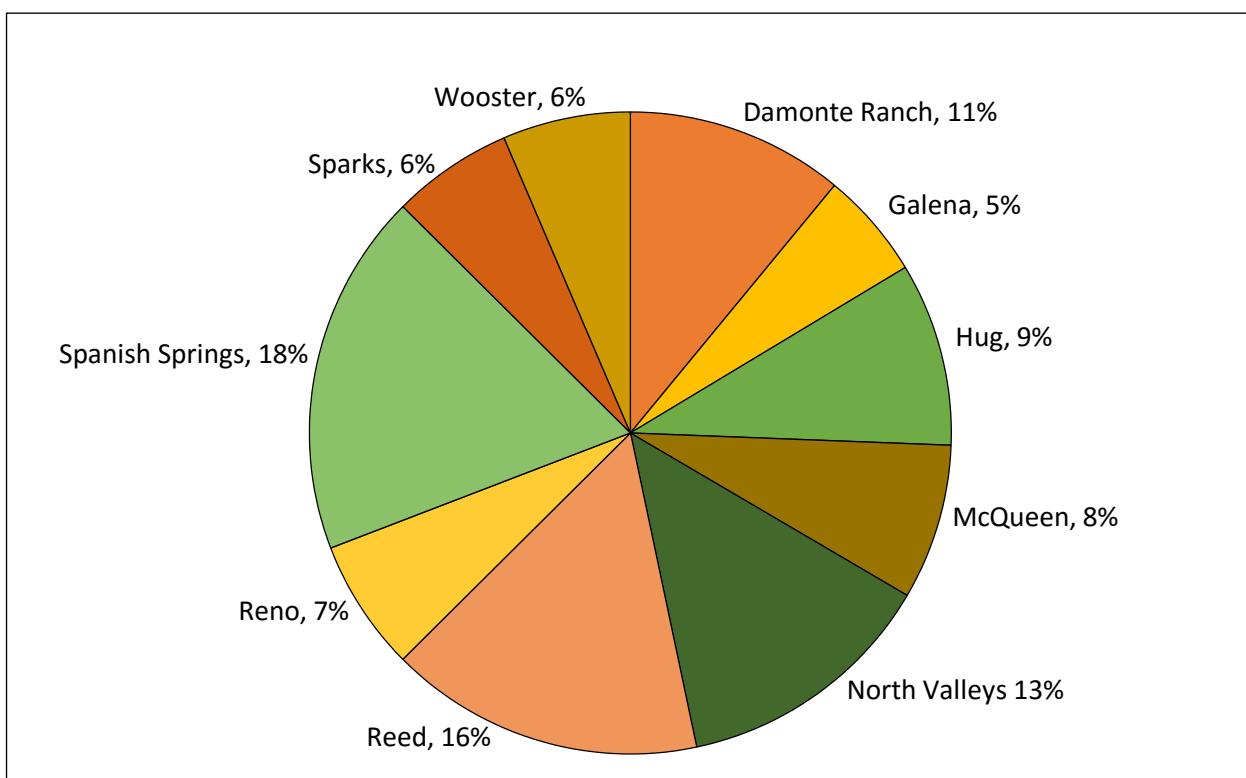
1. Construct classroom addition to Mendive MS, as needed

## Other School Facilities

Academy of Arts, Careers & Technology (AACT) – this facility is currently the District's main high school for career and technical education. Students are guided through courses of study that prepare them for the workforce or further post-secondary education and training. Part-time students typically take one CTE course at AACT, and the remaining courses at their home high school. Full-time students meeting entry pre-requisites take their academic classes at AACT in order to earn their diploma directly from that school.

This school is currently housed on Edison Way in the industrial area northeast of the Reno-Tahoe International Airport. As of the present time, 571 students are enrolled in AACT for the 2019/20 school year. These students are drawn from all of the other high schools in the District, as shown in Figure 4:

**Figure 4**  
**Zoned high schools for students attending AACT, 2019/20**



As noted previously in this section, the WCSD currently is in the planning stages for the construction of a new high school on the northern portions of the Wildcreek Golf Course, with a planned opening in the Fall of 2022. The current plan is for this new high school to take over all of the current attendance zone for Hug HS. With the opening of that school, it is then planned that the current Hug HS campus would undergo extensive renovations to convert it into a career & technical education (CTE) campus (similar to the AACT). The CTE academy would have a capacity of approximately 800-1,000 students and would open in the Fall of 2023. It is anticipated that the CTE academy would draw students from all of the other high schools in similar proportions to AACT, providing a measure of enrollment/capacity relief to all of the other high schools in the District.

## **Other School Facilities**

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### Alternative Education/Options

The WCSD Options programs provide an alternative for students who can better thrive in a non-traditional school setting, students at risk, and those with behavioral problems. These facilities are located throughout the District:

- Innovations High School is located on West Second Street in Reno; this school is a “Big Picture School”, a self-teaching community of learners that provides students the opportunity to pursue their individual interests under the guidance of school staff. For the 2019/20 school year, Innovations has an enrollment of 93 students.
- Washoe Inspire Academy is a K-12<sup>th</sup> grade school that provides educational services to at-risk students at four locations across the District. Collectively, Inspire has a 2019/20 enrollment of 146 students. The four campus locations are:
  - Washoe Inspire Main, a behavior modification school grades 3-12, located on Corporate Blvd. in Reno;
  - Jan Evans Detention Center on Parr Blvd.;
  - the Adolescent Treatment Center, a juvenile mental health facility on Galletti Way in western Sparks; and
  - Redfield Academy, a Children's Cabinet facility on Redfield Parkway in south Reno
- Turning Point is a self-contained program on an alternative campus currently housed in the Glenn Hare building on the Reno HS campus. The Turning Point program helps individual special needs children who have problems and who have demonstrated significant behavioral regression in the least restrictive environment. The school currently has an enrollment of 41 students for the 2019/20 school year.
- NorthStar Online School is a full-time virtual K-12<sup>th</sup> grade school providing students the flexibility to do their school work at their own pace and at times/places that works best for their individual family and work situations. The administrative center for the NorthStar program is located on Riggins Court in south Reno. For 2019/20, NorthStar has a full-time enrollment of 207 students.

### Special Education

Most WCSD special education programs are housed in the elementary, middle and high schools throughout the District, integrating the students enrolled in these programs into the general student body as much as possible. Marvin Picollo School is the District's school for special education students that cannot be integrated into the regular school facilities. This school is located in the southwest Truckee Meadows, near Lenz Elementary School. This school serves students from pre-kindergarten through 12<sup>th</sup> grade. For the 2019/20 school year, the school has an enrollment of 101 students.

### Gerlach School

The WCSD operates a K-12<sup>th</sup> grade school serving Gerlach and the other small remote communities of in the northern part of Washoe County. For the 2019/20 school year, the Gerlach School has an enrollment of 25 students in all grades. The District also has several mobile residential units onsite that are reserved for the use of teachers assigned to the Gerlach School.

## **Other School Facilities**

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### RISE Academy for Adult Achievement

The RISE Academy is the District's adult-education program, offering free classes to any adult aged 18 or older for English language learners, high school equivalency, adult diploma, adult basic education, and high school proficiency exam prep. There are currently about 640 students enrolled in the program. The RISE Academy is currently located on Cordone Avenue in Reno.

### VOICE

The Vocational Opportunities for Inclusive Career Education (VOICE) program is a partnership between Washoe County School District and State Department of Employment, Training and Rehabilitation (Vocational Rehabilitation). The goal for the program is to provide job related and transition skills/training focused for recent graduates from the District's Special Education program, assisting them to obtain competitive employment. There are currently 50 students enrolled in the VOICE program. The administrative center for the VOICE program is located on Riggins Court in south Reno.

## **School Support Facilities**

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In addition to schools, the District also operates a number of other facilities which support the educational programs of the WCSD.

Administration Main Office – this site houses the District's main administration functions, including the Board of Trustees, District and Area Superintendents, Business & Finance, Human Resources, and other functions necessary for the operations of the District. The Administration Center is located at 425 East Ninth Street in Reno.

Brown Center – this building started as the original Brown ES which opened in 1948. With the opening of the current Brown ES in 1989, this facility was converted from a school to an office building. The facility currently houses the District's Facilities Management and Purchasing departments. The Brown Center is located at 14101 Old Virginia Road in southern Washoe County.

Maintenance, Housekeeping and ESA – these services include the routine maintenance, service and repair of buildings and grounds systems for all District properties; daily, weekly and annual cleaning and sanitizing of all District schools and support locations; and oversight and management of all operationally based regulatory programs. These functions are centered at the Huffaker Maintenance Center located at 7495 South Virginia Street, with an additional maintenance and carpenter shop located at 395 Booth Street in Reno.

Nutrition Services – the Nutrition Services program provides meal services to 64,000 students at 97 sites throughout the District. The Nutrition Services Center, located at 585 Spice Island Court in Sparks, features a production kitchen and food distribution warehouse.

Student Health Services – this program addresses issues relating to student health, including vaccinations, communicable disease outbreaks, administration of medications at school, CPR training, etc. This program is located at 820 Fifteenth Street in Sparks.

Teacher's Warehouse – donations of supplies and materials that are received from the public and organizations are housed and organized at this location, and are made available free of charge to all WCSD educators. The Teacher's Warehouse is located at 390 Edison Way in Reno.

Transportation Centers – the Transportation Department is responsible for the maintenance and service of the school busses and other District-owned vehicles. The District owns and operates three transportation yards:

- Getto Transportation Center – 1850 Kleppe Lane in Sparks
- North Valleys Transportation Center – 330 Doubleback Road in Stead
- South Transportation Center – 684 Geiger Grade Road in South Reno

## School Support Facilities

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In addition to these WCSD-owned facilities, the District also leases office space in a number of other locations for various educational and support programs. The currently leases locations are listed below:

Address	Programs/Services
535 E. Plumb Lane	ESL; Title One
240 S. Rock Blvd., #101 & #143	Special Education/Child Find; Child & Family Services
5450 Riggins Court, Suites 3-6,	Northstar; MTSS; Equity & Diversity; Family & School Partnerships; Counseling & Truancy; Substance Abuse Prevention; Student Activities and Athletics; Wellness and Behavior programs
1325 Corporate Blvd.	Transition Services/VOICE Program
1150 Matley Lane	RPDP; IT; Business Office; Inservice teacher training
1301 Cordone Avenue	RISE Academy/Adult Education
360 Freeport Blvd.	Storage for Volunteer Services

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## **Facility Siting**

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To comply with the applicable goals and policies of the 2019 Truckee Meadows Regional Plan, the following siting requirements will be adhered to by the Washoe County School District:

1. Any proposed site for the location of a new school with a design capacity of less than 1,200 students shall not be located on an arterial roadway, as identified in the adopted Regional Transportation Plan, in a manner that necessitates a new speed controlled school zone.
2. No school with a projected population of at 300 or more full-time students throughout any part of the calendar year will be planned for or constructed in the in the Rural Area as identified in the adopted Truckee Meadows Regional Plan.

Exceptions to this policy for schools located in Freestanding Communities, as defined in the adopted Truckee Meadows Regional Plan, may be considered on a case-by-case basis in consultation with the Truckee Meadows Regional Planning Agency.

3. Any development of new school facilities, or expansion of existing facilities, shall avoid encroachment into areas with identified natural development constraints. Such areas shall be left in their undeveloped state wherever possible.

Where such encroachments are unavoidable, design plans will provide, to extent feasible, additional design features to mitigate the visual impact of necessary encroachments.

In addition, in June of 2017 the Board of Trustees adopted Board Policy 7400, "Conservation and Sustainability". The full text of that policy can be found in Appendix 1 of this document.

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## Regional Plan Conformance

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2019 Regional Plan Goal	Text of 2019 Regional Plan Goal Title/Text	WCSD Response/Conformance
PG-3	<p><b><u>Use of the Consensus Forecast for Planning</u></b></p> <p>All local government and affected entity master plans, facilities plans, and other similar plans shall utilize the adopted Consensus Forecast and the associated spatial disaggregation as the primary source for determining future regional population and employment demand for the formulation of goals, policies, and facilities and service plans.</p> <p>The Regional Plan recognizes that some affected entities, due to service area size or targeted services, need to utilize additional or supplementary population data. If these affected entities utilize additional or supplementary population data, the source and methodology must be clearly described in master plans, facilities plans, and other similar plans. These plans must clearly relate back to the adopted Consensus Forecast.</p>	<p>The enrollment model used by the Washoe County School District utilizes the most current Consensus Forecast to forecast future kindergarten enrollments, which is a significant component of school enrollment growth. The model also utilizes the residential disaggregation provided by TMRPA (which is based on the Consensus Forecast) to forecast enrollment growth generated anticipated future residential development. Given the discussions in this section regarding past trends in student growth vs. the general population and the anticipated continuation of these trends into the foreseeable future, this forecast is reasonable and consistent with the Consensus Forecast and the intent of Regional Plan Policy PG-3.</p>
RF-2	<p><b><u>Priority Hierarchy for Development in the Region</u></b></p> <p>In order to further define and achieve the desired regional form, the Regional Plan establishes a priority hierarchy for managing regional growth and requires that local government and affected entities master plans, facilities plans, and other similar plans promote and not conflict with the following Regional Land Designations (listed in priority hierarchy):</p> <ol style="list-style-type: none"> <li>1. Mixed Use Core</li> <li>2. Tier 1 Land</li> <li>3. Tier 2 Land</li> <li>4. Tier 3 Land</li> <li>5. Rural Area</li> </ol>	<p>Future school facilities identified in this Facilities Plan area based on anticipated enrollment growth resulting from known approved and planned residential developments.</p> <p>The proposed sites of those future school facilities depend on the locations of the anticipated future residential developments. As a result, the extent that the planned school facilities comply with this policy depend on the extent that those approved and planned developments also comply with the priority hierarchy.</p>
PF-2	<p><b><u>Promotion of Priority Hierarchy for Public Facility/Service Provision</u></b></p> <p>Master plans, facilities plans and other similar plans of service providers must provide for the delivery of public facilities and services as outlined in NRS 278.0274 and must promote the priority hierarchy for resource, service, and infrastructure provision outlined in Policy RF2.</p>	<p>See above.</p>

## Regional Plan Conformance

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2019 Regional Plan Goal	Text of 2019 Regional Plan Goal	WCSD Response/Conformance
PF-8	<p><b><u>School Requirements</u></b></p> <p>The WCSD school facilities plan must not allow for the location of a new school site with a design capacity of less than 1,200 students in a manner that necessitates a new speed controlled school zone on an arterial roadway that is identified in the adopted Regional Transportation Plan. This policy does not restrict charter and private schools that would not necessitate a new speed controlled zone from locating along arterials.</p> <p>The Regional Transportation Plan must not allow for the location of a new arterial road, or the re-designation of an existing road to an arterial, next to or adjacent to a proposed new or existing school site with a design capacity of less than 1,200 students as identified in the adopted WCSD school facilities plan, that requires a new speed controlled school zone.</p>	Any proposed site for the location of a new school with a design capacity of less than 1,200 students shall not be located on an arterial roadway, as identified in the adopted Regional Transportation Plan, in a manner that necessitates a new speed controlled school zone.
PF-9	<p><b><u>Rural Area School Requirements</u></b></p> <p>Local government and affected entity master plans, WCSD school facilities plans, and other similar plans must not allow for the location of schools, with a projected population of at least 300 full-time students throughout any part of the calendar year, in the Rural Area. Special exceptions may be allowed to support Freestanding Communities.</p>	Refer to Facility Plan Policy FP-2.
PF-18	<p><b><u>Regional Renewable Energy Generation</u></b></p> <p>Local government master plans and facilities plans shall demonstrate a commitment to the development of regional renewable energy generation including the transmission infrastructure originating from regional renewable energy generation sources.</p>	Refer to Board Policy 7400 "Conservation and Sustainability" in Appendix 1.
NR-3	<p><b><u>Development Constraints Area</u></b></p> <p>...</p> <p>3. All local government and affected entity master and facilities plans must include components to preserve development-constrained lands in an undeveloped state wherever possible, to minimize encroachments into the Development Constraints Area, and to provide additional design features to mitigate the visual impact of necessary encroachments.</p>	Refer to Facility Plan Policy FP-3.

## Regional Plan Conformance

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2019 Regional Plan Goal	Text of 2019 Regional Plan Goal	WCSD Response/Conformance
NR-14	<p><b><u>Sustainable Development</u></b></p> <p>Local government and affected entity master plans and other similar plans must promote, encourage, or provide incentives for:</p> <ul style="list-style-type: none"><li>• Development practices that promote energy-efficient building technology for residential and non-residential development in terms of site location, building materials, building technology and other elements;</li><li>• The use of and development of alternative or renewable energy sources; and</li><li>• The use of low impact development (LID) practices.</li></ul>	Refer to Board Policy 7400 “Conservation and Sustainability” in Appendix 1.

## **Regional Plan Conformance**

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# Appendix 1

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## **POLICY 7400, CONSERVATION AND SUSTAINABILITY**

### **PURPOSE**

The Board of Trustees ("Board") is committed to the implementation of effective, comprehensive, and sustainable initiatives and programs. All Washoe County School District ("District") schools and other facilities shall implement programs and practices which are not harmful to or which limit the depletion of natural resources, create a culture that accepts fiscal responsibility for these goals, enhance building/facility performance, and foster a sense of citizenship in students by encouraging a focus on conservation and sustainability. Such programs are designed to achieve and maintain levels of conservation which protect human health and safety, prevent injury to plant and animal life, prevent damage to property, and preserve the visibility, scenic, and esthetic values of the community. A program of environmental consciousness is vital to the overall health and safety of students, faculty/staff, and visitors to the District's properties.

### **POLICY**

#### **1. Governing Principles**

- a. Sustainability refers to "not being harmful to the environment or depleting natural resources, and thereby supporting long-term ecological balance." (Dictionary.com) Conservation refers to trying to protect, preserve, or limit how much of a resource is used.
- b. Conservation and sustainability efforts can greatly impact the health of students and staff, school buildings, and the environment in general.
- c. Sustainability is an important priority that is critical to the future. The District, therefore, is committed to being an active participant in conservation and environmental health efforts in areas to include:
  - i. Air and Noise Pollution;
  - ii. Energy Efficiency and Renewable Energy;
  - iii. Facility Condition;
  - iv. Chemical and Environmental Contaminant Hazards;
  - v. Recycling;
  - vi. Water;
  - vii. Landscaping and Gardens; and
  - viii. Capital Construction
- d. The District shall comply with local, state and federal laws and regulations related to the efforts detailed in this policy.

#### **2. Governing Practices**

- a. Students shall be introduced to curriculum to allow them to understand the variety of sustainability and environmental health issues encountered in schools and how they can contribute to sustaining a school environmental health program. Student involvement will enhance their knowledge of the issues that affect them, and will give them a sense of ownership and accountability in the ultimate success of the program. The District will provide resources and guidance on how to incorporate sustainability within the curriculum and how to build student leadership skills and community engagement around sustainability principles.
- b. A successful conservation and environmental practices program relies on the active participation of all persons involved. From school administrators and teachers, to nurses and maintenance personnel, all District staff have a role in protecting the community's environmental health. As such, the District shall provide training and resources to ensure that faculty and staff understand their roles and how they contribute to the success of the sustainability program.
- c. All District schools and facilities shall implement a waste-reduction, reuse, recycling, and energy conservation plan ("Sustainability Plan"). The Sustainability Plan shall provide information on each facility's recycling and waste reduction activities and energy consumption. The Office of Facilities Management will support schools in drafting a plan which is specific to their school.
- d. The District's conservation and environmental health efforts, where feasible, may include, but are not limited to, the following:
  - i. Clean Fuel Vehicles. The District shall, when feasible, purchase buses that run on alternative fuels rather than diesel. Alternative fuel use results in lower emissions to the environment.

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- ii. Safe Routes to Schools. The District shall identify safe routes to schools and encourage walking and riding bikes to school.
- iii. Reducing Vehicle Emissions through Idle Free Zones. The District, when possible, will institute Idle Free Zones at its schools and other District properties. Unnecessary idling wastes gas, pollutes the air and increases noise levels.
- iv. Indoor Air Quality. Poor indoor air quality can also impact the comfort and health of students and staff, which can in turn affect concentration, attendance, and classroom performance. The District shall strive to provide clean air to all learning spaces and use low volatile organic compound ("VOC") materials in construction and renovation.
- v. Outdoor Activities and Air Pollution. The District is aware of potential health threats to students, faculty and staff due to outdoor air pollution. The District shall follow the guidance of the Washoe County Health District when scheduling and participating in outdoor activities.
- vi. Renewable Energy.
  - 1. It is the intention of the District to support state initiatives to expand and accelerate the development of a sustainable and self-sufficient solar renewable energy industry. The District shall install solar energy systems where practical with a goal of achieving 20% of energy derived from solar resources.
  - 2. The District shall incorporate geothermal ground source heat pump systems in all new construction and, where practical, major renovations.
- vii. Energy Efficiency. The District will incorporate energy efficiency measures in all major renovations and new construction with a goal of lowering energy use, as well as efforts to reduce energy consumption and the District's carbon footprint.
- viii. Facility Health. Sustainability programs that encourage environmental health are important for maintaining safe, healthy, and long-lasting school facilities. Routine maintenance and well-designed upgrades and improvements can extend the life of a school building, improve the health of the learning environment, and generate cost savings through increased energy and resource efficiency.
- ix. Chemical and Environmental Contaminant Hazards. The District seeks to reduce the possible exposure of students, faculty/staff, and visitors to District property to potentially hazardous chemicals and substances which are used in the cleaning and maintenance of District facilities. The District shall use environmentally sensitive cleaning and maintenance products in the cleaning of all schools and facilities when the costs associated with such purchase or use are reasonable and do not place an undue burden on the efficient operation of the District.
- x. Recycling
  - 1. The District will continue recycling and waste reduction practices to:
    - a. reduce the amount of waste disposed in landfills that could have otherwise been recycled, reused or composted,
    - b. reduce the fiscal burden of landfill disposal, and
    - c. reduce greenhouse gas emissions from waste hauling and disposal.
  - 2. The District shall continue to refine procedures for single stream recycling of materials as provided by local sanitation and recycling companies. This includes, but is not limited to, mixed waste paper, cardboard, chipboard, plastics (#1-7), aluminum, steel, glass, magazines, and newspapers.
  - 3. The purchase of recycled products is encouraged when the product: Meets applicable standards; can be substituted for a comparable non-recycled product; and costs are comparable to a non-recycled product.
- xi. Water
  - 1. Ensuring safe drinking water is important as students and staff; and they may consume a significant amount of their daily water intake from schools.

# **Appendix 1**

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2. The District will ensure that water systems are properly maintained. Improperly maintained water systems can harm the environment and have financial implications (e.g., higher water bills). Leaking pipes lead to water loss, which can lead to property damage and air quality issues.

3. Low flow fixtures, efficient irrigation systems, xeriscaping and the use of reclaimed water shall be encouraged at all facilities and schools.

xii. Landscaping and Gardens. The District will promote and support school gardens and the planting of trees to connect students, faculty, and staff with nature and encourage healthy lifestyle choices.

xiii. Capital Construction. The District shall incorporate green building standards to achieve the goals outlined herein in all major renovation and new construction to create healthy and efficient learning environments which also reduces the facilities carbon footprint

## **DESIRED OUTCOMES**

1. Through this policy and any associated documents, the District is committed to improving:
  - a. conservation efforts with efficient and effective energy usage by reducing energy use and increasing the use of renewable energy;
  - b. the environment within the schools for all students, faculty, staff and visitors through smart construction, operation and purchasing; and
  - c. the environmental impact of the District and the health of students, faculty staff and the community through healthy alternative transportation programs.

## **IMPLEMENTATION GUIDELINES & ASSOCIATED DOCUMENTS**

1. This policy reflects the goals of the District's Strategic Plan and aligns/complies with the governing documents of the District, to include:
  - a. Board Policy 7100, Capital Projects and Facilities Management
  - b. Board Policy 7510, School Bus Replacement
2. This policy complies with Nevada Revised Statutes (NRS) and Nevada Administrative Code (NAC) to include:
  - a. Chapter 386, Local Administrative Organization, and specifically:
    - i. NRS 386.4159 – 386.418, Recycling of Materials; Use of Recycled Products
    - ii. NRS 386.419 – 386.4195, Environmentally Sensitive Cleaning Products for Floor Surfaces in Public Schools
3. This policy complies with the following federal laws and regulations, to include:
  - a. National Environmental Policy Act of 1969 (42 U.S.C. § 4321 et seq.)
  - b. Clean Air Act of 1970 (42 U.S.C. § 7401 et seq.)
  - c. Clean Water Act of 1972 (33 U.S.C. § 1251 et seq.)
  - d. Energy Policy Act of 2005 (42 U.S.C. § 13201 et seq.)
  - e. Executive Order (EO) 13045, Protection of Children from Environmental Health Risks and Safety Risks

## **REVIEW AND REPORTING**

1. This document shall be reviewed as part of the bi-annual review and reporting process, following each regular session of the Nevada Legislature. The Board of Trustees shall receive notification of any required changes to the policy as well as an audit of the accompanying governing documents.
2. Administrative regulations, and/or other associated documents, will be developed as necessary to implement this policy.
3. The Energy & Sustainability Manager, through the Chief Operations Officer, shall prepare an Annual Sustainability Report to be submitted to the Board of Trustees each year. The Annual Sustainability Report shall include waste preventive measures that have been adopted and implemented by the Department of Education for the preceding fiscal year.

## **REVISION HISTORY**

Adopted on June 6, 2017

# **Washoe County School District School Facilities 2020-2039**

