

**RIDGEFIELD SCHOOL DISTRICT NO. 122  
CAPITAL FACILITIES PLAN**

**2015-2021**

**BOARD OF DIRECTORS**

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**Amended by the Ridgefield School District Board of Directors  
January 26, 2016**

## SECTION 1 INTRODUCTION

### **A. *Purpose of the Capital Facilities Plan***

The Washington State Growth Management Act (the “GMA”) includes schools in the category of public facilities and services. School districts have adopted capital facilities plans to satisfy the requirements of the GMA and to identify additional school facilities necessary to meet the educational needs of the growing student populations anticipated in their districts.

The Ridgefield School District (the “District”) has prepared this Capital Facilities Plan (the “CFP”) to provide Clark County (the “County”) and the City of Ridgefield (the “City”) with a schedule and financing plan for capital improvements needed to serve growth over the next six years (2015-2021).

In accordance with the Growth Management Act, Clark County Code Sections 40.620.030 – 40.620.040, and City of Ridgefield Municipal Code Sections 18.070.100 – 18.070.110, this CFP contains the following required elements:

- The District's standard of service, which is based on program year, class size by grade span, number of classrooms, types of facilities and other factors identified by the District.
- Future enrollment forecasts for each grade span (elementary, middle, and high schools).
- An inventory of existing capital facilities owned by the District, showing the locations and capacities of the facilities, based on the District's standard of service.
- A forecast of the future needs for capital facilities and school sites based on the District's enrollment projections.
- The proposed capacities of expanded or new capital facilities over the next six years based on the inventory of existing facilities and the standard of service.
- A six-year plan for financing capital facilities within projected funding capacities, which identifies sources of public money for such purposes.
- A calculation of impact fees to be assessed and supporting data substantiating such fees.

### **B. *Overview of the Ridgefield School District***

The Ridgefield School District is situated along the Interstate 5 corridor in northern Clark County. It encompasses the City of Ridgefield, a community that is experiencing accelerated growth, and is bordered by Battleground, La Center, Woodland, and Vancouver School Districts.

The District serves a population of 2,307 (Headcount March 2015) with two elementary schools (grades K-6), one middle school (grades 7-8), and one high school (grades 9-12).

The District needs to build schools and make improvements at existing schools in order to effectively accommodate growth. As improvements are made to the facilities and new schools come online, the District anticipates that current grade configurations possibly may change.

The most significant issues facing the District in terms of providing classroom capacity to accommodate existing and projected demands are:

- The District is experiencing the fastest enrollment growth rate in Clark County.
- Presently, View Ridge Middle School is housing students well in excess of the capacity of the facility. Additionally, enrollment projections indicate that all other campuses will exceed capacity by the 2016-2017 school year. Presently, portables are in use for instructional purposes at both elementary schools and View Ridge Middle School
- The Legislature has indicated that full day kindergarten will be implemented state-wide in 2016-2017. RSD currently offers a very limited full day/every day kindergarten program. Full day kindergarten will require additional facility capacity and result in additional costs that are not currently funded by the State.
- The impact of citizen-approved Initiative 1351 is still unknown. Any significant reduction in class size will require a corresponding increase in the number of class rooms across the district.
- As existing facilities exceed capacity, they are experiencing traffic control and safety concerns that need to be addressed.

## **SECTION 2 DISTRICT EDUCATIONAL PROGRAM STANDARDS**

School facility and student capacity needs are dictated by the types and amounts of space required to accommodate the District's adopted educational program. The role that quality school systems play in growing a strong local economy is vital. In order to accomplish the community value of having a vibrant local economy, schools must have quality facilities. These facilities provide the necessary spaces for nurturing the development of the whole child and successfully preparing all Ridgefield children for an increasingly competitive global economy. The educational program standards which typically drive needs for educational space for students include grade configuration, optimum facility size, class size, educational program offerings, supplemental program offerings, specialty spaces, classroom utilization and scheduling requirements.

In addition to student population, other factors such as collective bargaining agreements, government mandates, and community expectations affect classroom space requirements. Space is necessary for regular classrooms, the fine and performing arts, physical education, special education, Title I, Highly Capable, bilingual education, STEM, computer labs, preschool and daycare programs, and other specialized programs. Space must be provided for common areas such as media centers, cafeterias, kitchens, and auditoriums. Space is needed for groups of students/staff to work together. These programs can have a significant impact on the available student capacity within school facilities. Further, the community expects all spaces to be well utilized during the school day and available after the school day for public use.

### **A. District Educational Program Standards:**

Core programs include the following:

- Core classroom space for all curriculum areas which includes space for group learning, direct instruction, and individual student work to meet the rigors set forth in state standards.
- Science classroom space that supports advanced coursework (including water, sinks, gas, hoods, safety equipment). Students must achieve rigorous state mandated science standards. This requires specialty space that is not met by adding portables.
- As STEM education continues to expand, there is an increased need to provide flexible classroom space capable of supporting a variety of educational activities.

- Physical education space is needed for students to meet rigorous health and fitness standards. This includes covered areas, fields, gymnasiums, and other multi-use spaces.
- Technological competency is expected for all students. Space must be allocated for technological equipment and applications in classrooms and specialty spaces. Square footage for this equipment and its infrastructure is not calculated in current state allowances, but must be provided.
- Fine and performing arts spaces are critical to the development of the whole child. Spaces are necessary to adequately meet the rigorous standards of these state required programs.
- Library/Media services and collaboration spaces must be provided for students to successfully meet the rigor of the District's academic programs. In an information-driven environment, student access to information through appropriately sized library/media spaces is essential.
- Extra-curricular activities need adequate space in order to safely support program activities.

Special services are essential to meet the needs of special populations.

- Special Education services are delivered at each of the schools within the District. Program standards and services vary based on the handicapping conditions of the students and their individual education plan (IEP). Implementing each student's IEP often requires large and small specialty spaces, which the District must provide. Program standards change as a result of various external or internal influences. External influences include changing federal mandates, funding changes, and the introduction of new technological applications which meet the needs of students. Internal influences include modifications to the program year, class size, grade configurations, and facility changes.
- Special populations receive special support. Specialty space is essential to delivery of this support. Federal and state programs, including Title I math and reading instruction, Highly Capable, and Bilingual, are limitedly funded. These resources do not include the expense of adding facilities to support them.
- Early Childhood programs, such as every-day kindergarten and preschool are essential educational programs and vital to the community. These programs require specialty space which is not currently funded by the state.
- Supplementary services in core academic areas (tutoring, on-line learning) and providing multiple pathways to prepare students for a broader range of post-secondary learning opportunities require additional spaces that have not been calculated in current state square footage allowance formulas.

Support services are often overlooked core services, and are essential to a quality educational program.

- Food service delivery, storage, preparation, and service require spaces that are specialty designed and equipped also need specific attention. As student populations increase, adequately calculating space requirements for this core service is crucial to the overall planning of the facility. Adequacy in planning for this space has significant impacts on the overall learning environment for students if not done appropriately.
- Transportation support centers are required to handle growing transportation needs.
- Maintenance support facilities must also be considered and are often overlooked as core support services.

- Administrative support facilities must also be considered and are often overlooked as core support services.

### ***B. Elementary Educational Program Standards***

The District educational program standards, which directly affect elementary school capacity, include:

- Class sizes for grades K-3 are targeted not to exceed 25 students per class.
- Class sizes for grades 4-6 are targeted not to exceed 25 students per class.
- Music and art instruction will be provided in separate classrooms.
- Physical education instruction must be provided in a full size area.
- Special education services are provided in a self-contained classroom for some children, while others need highly specialized spaces.
- All elementary schools will have a library/media resource center which includes space for a technology lab.

### ***C. Middle and High School Program Standards***

The District education programs standards, which directly affect middle school and high school capacity include:

- Class sizes for middle school grades 7-8 are targeted not to exceed an average of 25 students per class, with the exception of PE, music, art, and theatre arts.
- Class sizes for high school grades 9-12 have various targets depending on various program and safety needs. However, the District strives to meet an average of 25 students in the core classrooms with the exception of PE and the fine and performing arts.
- The middle and high school classroom utilization standard is set at a factor of 85% (based on a regular school day).
- Special education services are provided in a self-contained classroom for some children, while others need highly specialized spaces.
- Students will also be provided other programs in classrooms designated as follows:
  - Specialty rooms (computer labs, individual and group study rooms, practice labs, production rooms).
  - Media Center/Library,
  - Program Specific Classrooms (science, music, theatre arts, art, career and technical education).

## **SECTION 3 CAPITAL FACILITIES INVENTORY**

The facilities inventory serves to establish a baseline for determining the facilities necessary to accommodate future demand (student enrollment) at acceptable levels of service. This section provides an inventory of capital facilities owned and operated by the District including schools, portables, undeveloped land and support facilities. School facility capacity was inventoried based on the space required to accommodate the District's educational program standards.

## A. Schools

The District maintains two elementary schools, one middle school, and one high school. Elementary schools currently accommodate grades K-6, the middle school serves grades 7-8, and the high school serves grades 9-12. When the school facilities are improved as contemplated in this Plan, the District will consider alternate configurations.

School capacity is determined based on the number of teaching stations within each building and the space requirements of the District's current educational program. It is this capacity calculation that is used to establish the District's baseline capacity, and to determine future capacity needs based on projected student enrollment. The school capacity inventory is summarized in Tables 1, 2, and 3.

**Table 1 – Elementary School Inventory**

Elementary School	Location	Acres	Building Area (Square Feet)	Teaching Stations*	Permanent Capacity
South Ridge	502 NW 199 <sup>th</sup> St. Ridgefield, WA 98642	40	59,687	21	525
Union Ridge	330N. 5 <sup>th</sup> St. Ridgefield, WA 98642	11.8	81,533	28	700
Total		51.8	141,220	49	1,225

\*Space reserved for art, music, and PE as well special education classrooms are not counted as teaching stations in the elementary schools because they are pull-out programs. One of the teaching stations at South Ridge houses the Learning Center. It was counted in calculating the permanent capacity.

**Table 2 – Middle School Inventory**

Middle School	Location	Acres	Building Area (Square Feet)	Teaching Stations*	Permanent Capacity
View Ridge	510 Pioneer St. Ridgefield, WA 98642	9.0	44,079	14	297

\* The music room and physical education space are counted as teaching stations because these are not special pull-out programs at the middle school.

**Table 3 – High School Inventory**

High School	Location	Acres	Building Area (Square Feet)	Teaching Stations*	Permanent Capacity
Ridgefield HS	2630 S. Hillhurst Rd. Ridgefield, WA	60	137,395	30	637

\*The music room and physical education space are counted as teaching stations because these are not special pull-out programs at the high school. The instructional space that is used for shop was not counted as a teaching station because it is used for special/pull-out programs.

## B. Portables

Portables are used on an interim basis to house students until funding can be secured to construct permanent facilities. The District currently uses 6 portable classrooms at various school sites for special programs and basic education throughout the District. The number and location of the portables is shown in Table 4.

**Table 4 – Portables Inventory**

School	Portables	Classrooms
South Ridge Elementary	2	4
Union Ridge Elementary	2	3
View Ridge Middle School	2	4
Ridgefield High School	0	0

**C. Support Facilities**

In addition to schools, the District owns and operates additional facilities which provide operational support functions to the schools. An inventory of these facilities is provided in Table 5.

**Table 5- Support Facility Inventory**

School	Building Area	Site Location
Administration/Central Office	1,848	2724 S. Hillhurst Rd. Ridgefield, WA (a portable located on the HS Campus)
Maintenance Department	10,000	304 Pioneer Avenue, Ridgefield, WA
SW Washington Child Care Consortium	2-classroom portable	509 N.W. 199 <sup>th</sup> St., Ridgefield, WA (located at South Ridge Elementary)

**D. Land Inventory**

The District owns the following sites:

- 49.84 acre site located at 23800 NW Hillhurst Road, Ridgefield, WA 98642
- 23 acre site located at NE 10<sup>th</sup> Avenue and 239<sup>th</sup> Street, Ridgefield, WA 98642 that is being purchased for a future elementary school.
- 2,178 sq. ft. strip located at 45<sup>th</sup> and Pioneer in Ridgefield.
- Co-owner of Paradise Point Transportation Center as a member of the Kalama, Woodland, Ridgefield and La Center School District Transportation Cooperative.

**SECTION 4  
STUDENT ENROLLMENT PROJECTIONS**

**A. Projected Student Enrollment 2015-2021**

The District's enrollment projections are based on forecasting work completed by E.D. Hovee & Company, LLC in February 2015. The approach used in conducting this student enrollment forecast builds on the baseline enrollment forecast provided by an earlier memorandum dated January 2, 2015. With the *baseline forecast*, the model applied the Comprehensive Plan allocation for the Ridgefield Urban Growth Area (UGA) plus a proportionate share of population

growth forecast by Clark County for areas outside of UGAs countywide. Grade-to-grade enrollment changes as a share of district population were forecast based on historic experience across each of the K-12 grade levels.

**Table 6- Enrollment Forecast**

Grade	2015	2016	2017	2018	2019	2020	2021
<b>K</b>	179	170	168	165	169	181	209
<b>1</b>	185	214	208	203	199	202	216
<b>2</b>	182	203	240	231	224	218	221
<b>3</b>	186	204	232	272	260	252	244
<b>4</b>	169	204	229	258	300	285	275
<b>5</b>	184	185	228	253	284	329	312
<b>6</b>	182	197	202	247	272	304	351
<b>Total K-6</b>	<b>1267</b>	<b>1377</b>	<b>1507</b>	<b>1629</b>	<b>1709</b>	<b>1773</b>	<b>1828</b>
<b>7</b>	176	195	215	219	266	292	324
<b>8</b>	190	188	213	233	236	285	311
<b>Total 7-8</b>	<b>366</b>	<b>383</b>	<b>428</b>	<b>452</b>	<b>501</b>	<b>576</b>	<b>636</b>
<b>9</b>	167	208	211	236	256	258	310
<b>10</b>	190	179	227	228	254	275	275
<b>11</b>	159	203	195	246	245	272	293
<b>12</b>	142	170	222	211	265	263	290
<b>Total 9-12</b>	<b>658</b>	<b>760</b>	<b>856</b>	<b>921</b>	<b>1020</b>	<b>1067</b>	<b>1169</b>
<b>TOTAL</b>	<b>2,291</b>	<b>2,520</b>	<b>2791</b>	<b>3002</b>	<b>3230</b>	<b>3416</b>	<b>3633</b>

## SECTION 5 CAPITAL FACILITIES NEEDS

### A. Facility Needs

The District's facility needs are based on its existing capacity and the forecast enrollment. In 2021, the enrollment forecast projects that the District will be serving 3,633 students, an increase of 1,342 students, representing student enrollment growth of approximately 59%. This includes high school students the District anticipates will return to the District due to facility upgrades at Ridgefield High School. Currently, there are approximately 400 students who live within the boundaries of the Ridgefield School District who attend schools in other public school districts.

**Table 7 – Enrollment and Capacity**

Facility	Existing Capacity	2021 Enrollment	2021 Need
Elementary Schools (K-6)	1,225	1,828	603
Middle School (7-8)	297	636	339
High School (9-12)	637	1,169	532
<b>Totals</b>	<b>1,934</b>	<b>3,633</b>	<b>1,474</b>

As shown in Table 7, the District needs to expand its capacity to serve 603 K-6<sup>th</sup> grade students, 339 7<sup>th</sup> and 8<sup>th</sup> grade students and approximately 532 high school students.

**B. Planned Improvements**

To serve the forecast growth, the District proposes constructing new schools to serve K-8<sup>th</sup> grade students and expanding capacity at the high school. These projects, the capacity they will add and the estimated cost is shown in Table 8.

**Table 8 – Improvements and Costs**

Project Description	Estimated Cost**	Added Capacity	Cost for Capacity to Serve Growth***
New schools to serve K-8*	\$69,764,710	1200	\$48,312,067
High School Improvements	\$21,635,404	300	\$21,635,404
<b>TOTAL:</b>	<b>\$91,400,114</b>	<b>1,500</b>	<b>\$69,947,471</b>

\* The community and District patrons will be engaged to assist the District identify the type of schools and grade configuration.  
 \*\* The estimated cost is based on data the District’s architect has compiled given his experience and knowledge of the school construction industry and District standards.  
 \*\*\* That portion of the total cost that is equal to the percentage of the added capacity that is needed to serve the forecast growth, determined by increased enrollment (831 K-8 and 511 high school students).

Portable classrooms are not considered permanent facilities so they are not used to determine future capital facility needs. Facility needs are expressed in terms of “unhoused students” or students that cannot be housed in permanent (brick/mortar) facilities. To serve the “unhoused students” on a short-term and immediate basis to serve growth, the District will purchase and utilize portable classrooms. This plan incorporates those facilities. The cost of the portables is not included in the impact fee calculation; however, impact fee revenue can be available to fund portable facilities if these facilities are needed to serve growth.

**SECTION 6  
 CAPITAL FACILITIES FINANCING PLAN**

**A. Finance Plan**

The District will finance the \$91,400,114 in planned improvements using bonds, state match and impact fees.

**Table 9 – Anticipated Finances**

	Bonds	State Match	Impact Fees
Secured	\$0	\$0	\$1,841,907
Unsecured	\$73,445,785	\$14,659,370	\$1,453,052
<b>TOTAL</b>	<b>\$73,445,785</b>	<b>\$14,659,370</b>	<b>\$3,294,959</b>

The District's planned improvements that will add capacity are dependent upon the passage of a bond and receipt of state match and impact fees. Below is a summary of these funding sources.

## **B. Funding Sources**

### **General Obligation Bonds**

Bonds are used to fund site acquisition, construction of new schools, and other capital improvement projects. A 60% majority vote is required to approve the issuance of bonds. Bonds are then retired through collection of property taxes.

### **State Match Funds**

State Match funds primarily come from the Common School Construction Fund. School districts may qualify for State Match funds for specific capital projects based on eligibility requirements and a state prioritization system. Based on the District's assessed valuation per student and the formula in the State regulations, the District is currently eligible for State Match funds for new schools at the 47.81% match level.

### **Impact Fees**

The collection of school impact fees generates partial funding for construction of public facilities needed to accommodate new development. School impact fees are collected by the Cities and County on behalf of the District. Impact fees are calculated based on a formula, which includes the portion of District construction resulting in increased capacity in schools.

## **SECTION 7 SCHOOL IMPACT FEES**

The GMA authorizes jurisdictions to collect impact fees to supplement funding of additional public facilities needed to accommodate new development. Impact fees cannot be used for the operation, maintenance, repair, alteration, or replacement of existing capital facilities used to meet existing service demands.

### **A. School Impact Fees**

The County's and City's impact fee programs require school districts to prepare and adopt CFPs meeting the specifications of the GMA. Impact fees are calculated in accordance with the local jurisdiction's formula, which are based on projected school facility costs necessitated by new growth and are contained in the District's CFP.

### **B. Methodology and Variables Used to Calculate School Impact Fees**

The District's impact fees have been calculated utilizing the formula in the Clark County and City of Ridgefield Impact Fee Ordinances. The resulting figures in the attached Appendix A are based on the District's cost per dwelling unit to construct new schools and increase capacity at Ridgefield School District, both of which add capacity that is needed to serve new development. Credits have also been applied in the formula to account for future state match funds the District could receive and projected future property taxes that will be paid by the owner of the dwelling unit.

**C. Proposed Ridgefield School District Impact Fee Schedule**

The school impact fee calculation results in a fee of \$ \$11,290 per single-family home and \$13,697 per multi-family home.

The District requests collection of school impact fees in the following amounts:

Single Family:           \$6,530 in 2016

Multi-Family:           \$6,530 in 2016

Because the amount of the fees being recommended is less than the calculated amount, and in anticipation that construction costs for school facilities will continue to increase, the District will be requesting an increase in the amount the City and County collect each year based on the Rider Levett Bucknall Construction Cost Index. Future increases in fees will not exceed the calculated impact fee amounts.

# Ridgefield School District 2015 Impact Fee Calculation

## APPENDIX A

$$SIF = \left[ CS(SF) - (SM) - \left( \frac{(1+i)^{10} - 1}{i(1+i)^{10}} \times AAV \times TLR \right) \right] \times A - FC$$

### Single Family Residence:

Elementary	Middle School	High School	Formula
\$34,882,355.00	\$34,882,355.00	\$21,635,404.00	Facility Cost
600	600	300	Additional Capacity
\$58,137.26	\$58,137.26	\$72,118.01	Cost per Student (CS)
0.190	0.086	0.077	Student Factor (SF)
<b>\$11,046.08</b>	<b>\$4,999.80</b>	<b>\$5,553.09</b>	<b>CS x SF</b>
\$200.40	\$200.40	\$200.40	Boeck Index
90.00	117.00	130.00	OSPI Sq Ft
47.81%	47.81%	47.81%	State Match Eligibility %
\$1,638.37	\$964.05	\$959.07	State Match Credit (SM)
<b>\$9,407.71</b>	<b>\$4,035.75</b>	<b>\$4,594.02</b>	<b>CS x SF - SM</b>
		<b>\$18,037.47</b>	<b>Cost per Single Family Residence</b>
		0.00356	Average Interest Rate
		0.03617576	Tax Credit Numerator
		0.003688786	Tax Credit Denominator
		9.806956251	Tax Credit Multiplier (TCM)
		\$334,434.00	Average Assessed Value (AAV)
		3279779.61	TCM x AAV
		0.00145	Tax Levy Rate (TLR)
		<b>\$4,755.68</b>	<b>TCM x AAV x TLR = (TC)</b>
		<b>\$13,281.79</b>	<b>Cost per Single Family Residence - Tax Credit</b>
		\$1,992.27	15% reduction (A)
		<b>\$11,289.53</b>	<b>Calculated Single Family Fee Amount</b>
		<b>\$7,900.00</b>	<b>2016 Recommended Fee Amount</b>
		<b>\$11,200.00</b>	<b>2017 Recommended Fee Amount</b>

### Multi-Family Residence:

Elementary	Middle School	High School	Formula
\$34,882,355.00	\$34,882,355.00	\$21,635,404.00	Facility Cost
600	600	300	Additional Capacity
\$58,137.26	\$58,137.26	\$72,118.01	Cost per Student (CS)
0.165	0.089	0.087	Student Factor (SF)
<b>\$9,592.65</b>	<b>\$5,174.22</b>	<b>\$6,274.27</b>	<b>CS x SF</b>
\$200.40	\$200.40	\$200.40	Boeck Index
90.00	117.00	130.00	OSPI Sq Ft
47.81%	47.81%	47.81%	State Match Eligibility %
\$1,422.80	\$997.68	\$1,083.63	State Match Credit (SM)
<b>\$8,169.85</b>	<b>\$4,176.53</b>	<b>\$5,190.64</b>	<b>CS x SF - SM</b>
		<b>\$17,537.03</b>	<b>Cost per Multi-Family Residence</b>
		0.00356	Average Interest Rate
		0.03617576	Tax Credit Numerator
		0.003688786	Tax Credit Denominator
		9.806956251	Tax Credit Multiplier (TCM)
		\$100,096.00	Average Assessed Value (AAV)
		981637.09	TCM x AAV
		0.00145	Tax Levy Rate (TLR)
		<b>\$1,423.37</b>	<b>TCM x AAV x TLR = (TC)</b>
		<b>\$16,113.65</b>	<b>Cost per Multi-Family Residence - Tax Credit</b>
		\$2,417.05	15% reduction (A)
		<b>\$13,696.60</b>	<b>Calculated Multi-Family Fee Amount</b>
		<b>\$4,900.00</b>	<b>2016 Recommended Fee Amount</b>
		<b>\$6,947.00</b>	<b>2017 Recommended Fee Amount</b>