

DULUTH
INDEPENDENT SCHOOL DISTRICT # 709

Solution Options

FULL REPORT

March, 2007

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Solutions Options: Full Report

Duluth Public Schools Options for Future School Facilities Part of the Long Range Facilities Planning Process March 2007

Solid Options to Consider

Nearly a year ago, the Duluth School District, a volunteer Citizens Group, and Johnson Controls started working with the community to begin the public conversations and research necessary to draft a long-range facilities plan. The goal: to provide quality educational spaces for all our children for the next 20-30 years by creating a plan that puts children first, is fact-based, objective, and identifies all financial resources necessary to execute it.

After months of research and conversation, we now have solid options to consider. They provide all children with improved educational spaces, while increasing the efficiency of the buildings and the school system. Furthermore, for each option we've developed a financial solution that minimizes the impact to taxpayers.

- ***The options are data-driven***, based on more than 10,000 hours of expert analysis along with over 100 meetings with organizations and groups and months sharing with and receiving information from the community.
- ***The options provide improved educational spaces for all children***. They impact all buildings in the district and include new schools and extensive upgrades.
- ***The options provide plenty of planning time*** for building design, transition plans, transportation plans, and even discussions of schools of the future and educational programs. While upgrades could begin almost immediately, the earliest parents, students and staff would begin to see major building changes would be the 2009-2010 school year, and the options would be implemented over a period of 5-6 years.
- ***The options are efficient and cost-effective for taxpayers***. Through cost savings and alternate funding sources, the cost to taxpayers is reduced by nearly 50%.
- ***The options provide savings***. Plans realize up to \$5.5 million in annual savings through system efficiencies.
- ***The options change what we're used to*** – and that's not easy. Making decisions about what schools should do and where they should be located can be hard. We have a great public school tradition in Duluth, with strong loyalties to our neighborhoods, our alma maters and our memories. For many people, the symbol of Duluth is their old school. Any consideration of making alterations to this heritage prompts two conflicting thoughts. On one hand we want to keep things the way they are, but on the other hand we know outdated buildings and shifts in our population require some changes. Everyone who sees these options will find things they like and perhaps don't like. That's to be expected, because the options change what we're used to. And we know change is not an easy thing.

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Here's a brief overview of what we've learned in the past year, followed by a summary of each option and their implications.

Factors Leading to These Options

A Need to Do Our Best for Our Children – During more than 100 meetings with citizens throughout the community in the past year, in addition to calls, letters and e-mails to the school district, we've learned that citizens overwhelmingly support making the changes necessary to improve educational facilities in the most logical, future-looking, and cost-effective manner.

A Need For Stability – Without a long-range plan, questions come up about facilities every year, and every year someone may have a different idea about what to do. A long-range facilities plan lets people know what's going to happen in the school district years into the future, and helps those who maintain facilities use district resources wisely.

A Need for Equity – Some students go to school in older buildings that don't meet today's educational needs, while some go to school in newer buildings that do. A long-range facilities plan will provide equity across the district.

A Need to Address Aging Infrastructure – Facilities management expert Johnson Controls worked with 40 analysts from 18 firms over a 6-month period to conduct a thorough analysis of all schools, which are an average of 54 years old, and identified 1,600 deficiencies related to such areas as air and water quality, accessibility, building code compliance and more.

A Need To Improve Educational Adequacy of Buildings – During a six-month period, multiple experts from the Johnson Controls team spent 500 hours inspecting all school buildings, reviewing the ability of each building to meet current educational programs and needs. All but four of the Duluth Public Schools were found to need some upgrades. District-wide, 78 areas were identified as "not acceptable." Twenty-two of the not acceptable rankings were in the three high schools; the other 56 were spread among Duluth's other 15 schools.

A Need to Address Declining enrollment – Former state demographer Helen Reinhardt created an in-depth analysis of Duluth's enrollment. K-12 enrollment has declined throughout the state and nation due in large part to Generation X being smaller than previous generations. The two reasons for Duluth's declining enrollment are primarily the size of the different generations and, to a lesser extent, the emergence of competition, specifically charter schools.

In Duluth, K-12 enrollment declined 25 percent during the past 10 years to today's enrollment of 10,140. This trend will continue until 2013, when enrollment will stabilize between 8,998 and 9,329. From 2013 to 2022, enrollment is projected to increase modestly and fluctuate at around 9,600 students. In other words, Duluth's enrollment is not expected to return to its current level.

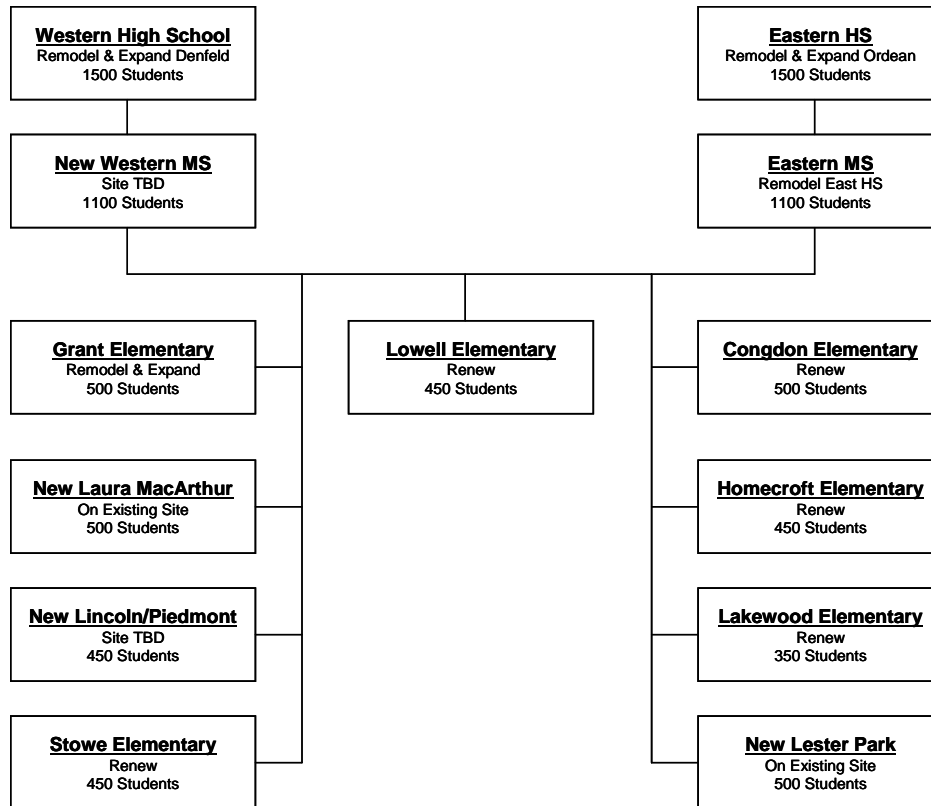
A Need to Address Overcapacity – Duluth's schools have space to accommodate 13,478 students. That means, based on today's enrollment, the district currently is operating buildings with 38 percent more space than it need

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All Options Provide Improved Schools for Every Child for \$8 – \$11 per Month

The following options – which have been identified as Red, White and Blue – can each be implemented for between \$257 million and \$271 million. While that’s certainly a lot of money, we’ve identified a variety of savings and areas for new revenues, so that almost 50% of that total is, in effect, already paid for. Based on the \$125,100 median cost for a home in Duluth, implementing the chosen plan would cost each Duluth homeowner \$8 - \$11 per month.

RED Option (\$257 million):



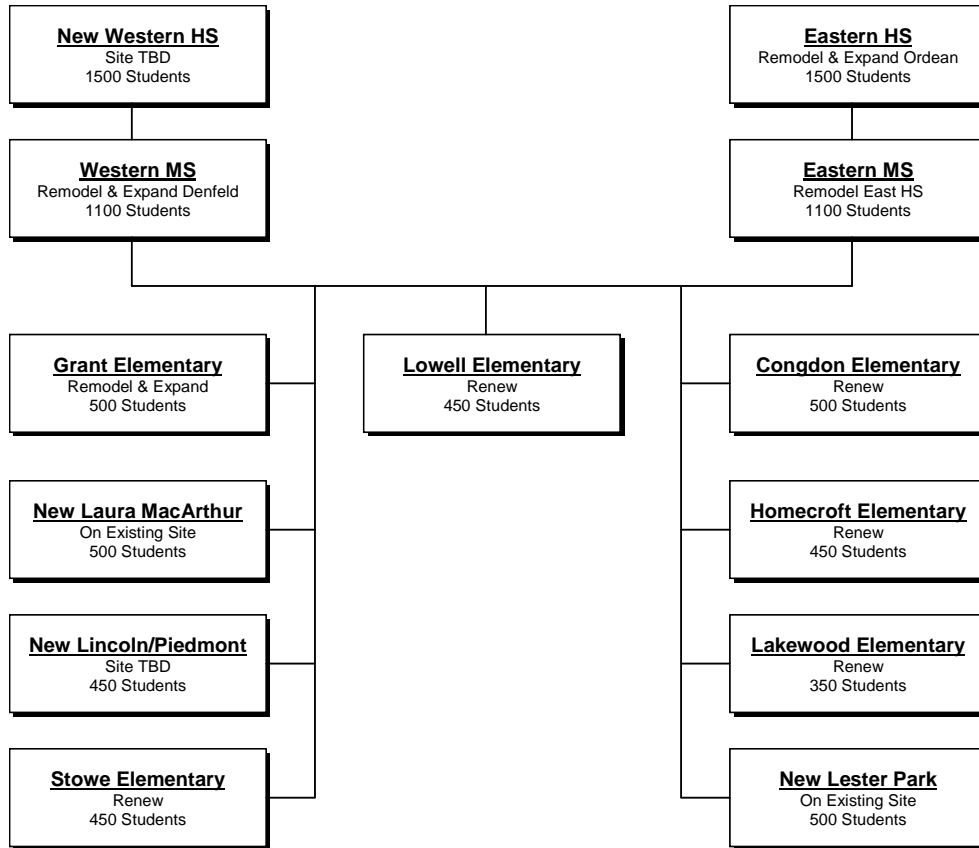
Buildings/sites not used in RED option: Central High School, Morgan Park, Woodland, Nettleton, Rockridge, existing Piedmont, Lincoln (use as a possible site to build new middle school), Facilities Management, and any unused properties.

Budget Breakdown

Budget Detail	Budget \$
Renewal / Remodel	\$ 94,452,887
Additions / New Construction	\$162,959,483
Total	\$257,412,370
Disposition Proceeds / Rebates / Grants	\$23,870,000
Annual Facilities O&M Savings	\$2,324,358
Annual Educational Support Savings	\$2,990,992

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WHITE Option (\$271 million):



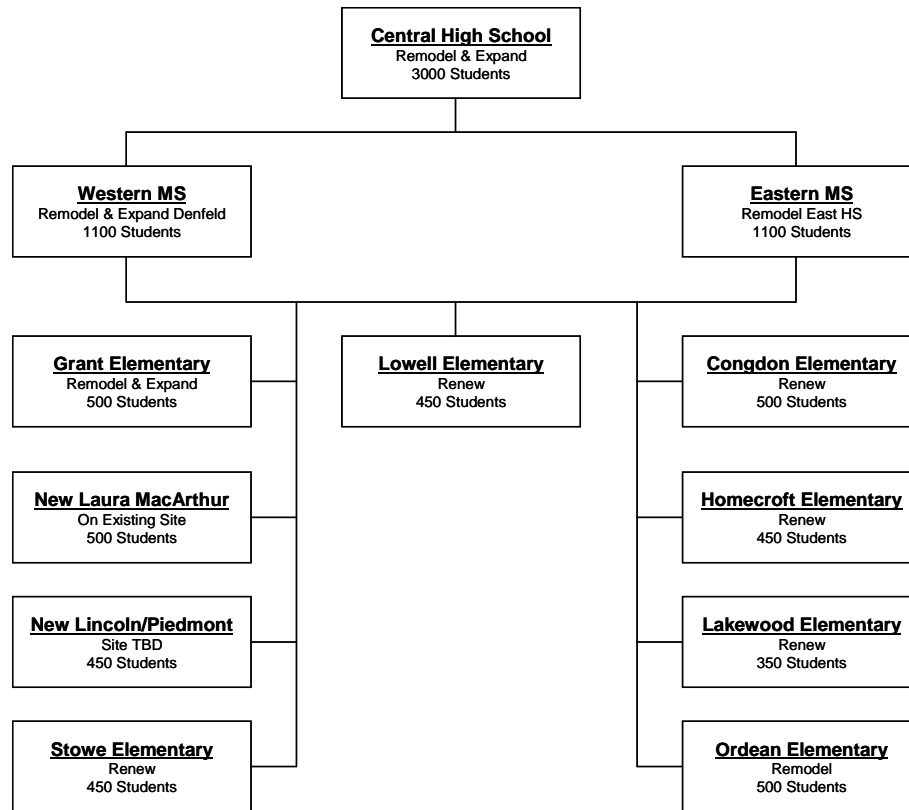
Buildings/sites not used in WHITE option: Central High School, Morgan Park, Woodland, Nettleton, Rockridge, existing Piedmont, Lincoln, Facilities Management, and any unused properties.

Budget Breakdown

Budget Detail	Budget \$
Renewal / Remodel	\$ 94,320,886
Additions / New Construction	\$176,939,934
Total	\$271,260,820
Disposition Proceeds / Rebates / Grants	\$23,870,000
Annual Facilities O&M Savings	\$2,192,142
Annual Educational Support Savings	\$2,893,792

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BLUE Option (\$270 million):



Buildings/sites not used in BLUE option: Morgan Park, Woodland, Lester Park, Nettleton, Rockridge, existing Piedmont, Lincoln, Facilities Management, and any unused properties.

Budget Breakdown

Budget Detail	Budget \$
Renewal / Remodel	\$ 98,245,086
Additions / New Construction	\$172,153,506
Total	\$270,398,592
Disposition Proceeds / Rebates / Grants	\$14,412,000
Annual Facilities O&M Savings	\$2,238,950
Annual Educational Support Savings	\$3,300,573

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The Options Reduce The Number of Buildings While Making Major Improvements

The Options include building 2 to 4 new schools, remodeling 4 to 5 schools, and renewing 4 schools. They also include closing one administrative building and upgrading two administrative buildings. Surplus, or in other words unused, properties will be sold. The following provides a before and after summary comparison of the Options:

Current:

18 school buildings
11 elementary/1 K-8
3 middle/1 K-8
3 high schools
3 administrative buildings
5 unused properties

Options:

12 or 13 school buildings
9 elementary schools
2 middle schools
1 or 2 high schools
2 administrative buildings
0 unused properties

The options include refreshing S.T.C., refreshing Historic Old Central High School, and remodeling the district's transportation center.

Surplus / Unused Properties

All three Options recommend disposing of unused or surplus properties. The proceeds from the dispositions would be used to offset the capital costs of the Long-range Facilities Plan. The following properties would be potential candidates for disposition:

- Arrowhead Property
- Central High School (Red & White Plans)
- Chester Property
- Garfield Storage
- Hartley Property
- Facilities Management
- Lester Park (Blue Option)
- Lincoln Park (possible Western MS site)
- Morgan Park
- Nettleton
- Piedmont site
- Rockridge
- Woodland

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Rationale to Adopt Options

1. All Options provide an opportunity to upgrade and rebuild to meet the community's needs for the next 20-30 years. The upgrades are needed to:
 - A. Protect the health and safety of students and staff
 - B. Protect all school occupants during emergency situations
 - C. Assure healthy indoor learning environments
 - D. Comply with all applicable codes and regulations
 - E. Provide high performance learning environments
 - F. Keep class sizes small
 - G. Provide state-of-the-art laboratory and vocational facilities in the schools
 - H. Provide classroom technology capabilities (e.g., internet, e-boards, wireless)
 - I. Provide state-of-the-art athletic facilities for a variety of activities
 - J. Improve facility infrastructure
 - K. Reduce the cost of operations and maintenance
 - L. Improve the energy efficiency of the facilities and equipment
 - M. Provide flexibility to easily update technology in the future
 - N. Improve the reliability of technology systems and infrastructure
 - O. Design facilities that can be easily modified and/or expanded in the future
 - P. Design facilities for increased community use
 - Q. Integrate early childhood education into the schools
 - R. Increase collaboration between schools and community organizations/businesses
 - S. Provide facilities that address the needs of all students
 - T. Provide adequate building access to students with special needs
 - U. Design all learning spaces for integration of students with special needs
 - V. Design facilities to respond to a variety of learning styles/approaches
 - W. Support the increased use of assistive technology in the classroom
 - X. Provide facility and educational equity across the district
 - Y. Provide program equity between schools across the district
 - Z. Locate schools in a manner that encourages diversity and integration
2. Eliminates investment in buildings where reinvestment doesn't make financial sense due to age/condition of buildings.
3. Focuses on equity across the district and community
4. Existing sites are extremely small compared to Minnesota Department of Education guidelines.
5. Utilizes excess property – proceeds from the sale of surplus properties redirected to offset the total cost of the plan
6. Ability to better meet the needs of: Early Childhood, Special Ed needs, Technology, and Music/Art/PhyEd/Media Programs

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7. Ability to maximize energy efficiency & green design for new buildings
8. Ability to realize transportation efficiencies
9. Ability to provide full-time art, music, physical education, and media specialists at each site
10. Provides budget neutral and tax sensitive solutions:
 - A. Grants / Rebates (\$500,000 one time dollars)
 - B. Sell excess land and properties; direct proceeds towards improvements (\$23,850,000 one time dollars!)
 - C. Utilize energy and operational savings to self fund improvements (Up to \$5,500,000 annually!)
 - D. Utilize District's existing alternative facilities levy authority (\$1,696,912, annually!)

All Options Provide Time For Planning and Preparation

All options provide plenty of planning time, time for experts at Johnson Controls and the school district to work with the community on building designs, transition plans and even host discussions on educational programs and schools of the future. While upgrades could begin almost immediately, the earliest parents, students and staff would begin to see major building changes would be the 2009-2010 school year. The options would be implemented over a period of 5-6 years.

What's the Next Step?

The next step in this in-depth, community-wide process is to work with the options and data to identify the best solution for our children and Duluth's future. These are the community's schools, so the decision should be the community's. The goal is to have a solution to take to the school board for a first reading in May.

Members of the community are invited to continue to share advice and considerations by emailing Keith Dixon at keith.dixon@duluth.k12.mn.us or sending a letter to Keith Dixon, Superintendent, Duluth Public Schools, 215 North 1st Avenue East, Duluth, MN 55802. For more information or to schedule a presentation of the options to your group, call the district's general information number at 218-336-8735 or email katie.kaufman@duluth.k12.mn.us.

We look forward to your continued, valuable input. Thank you.

Doing the right things... for the right reasons... the right way!

APPENDIX

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Congdon Park Elementary











Grade Configuration: K-5

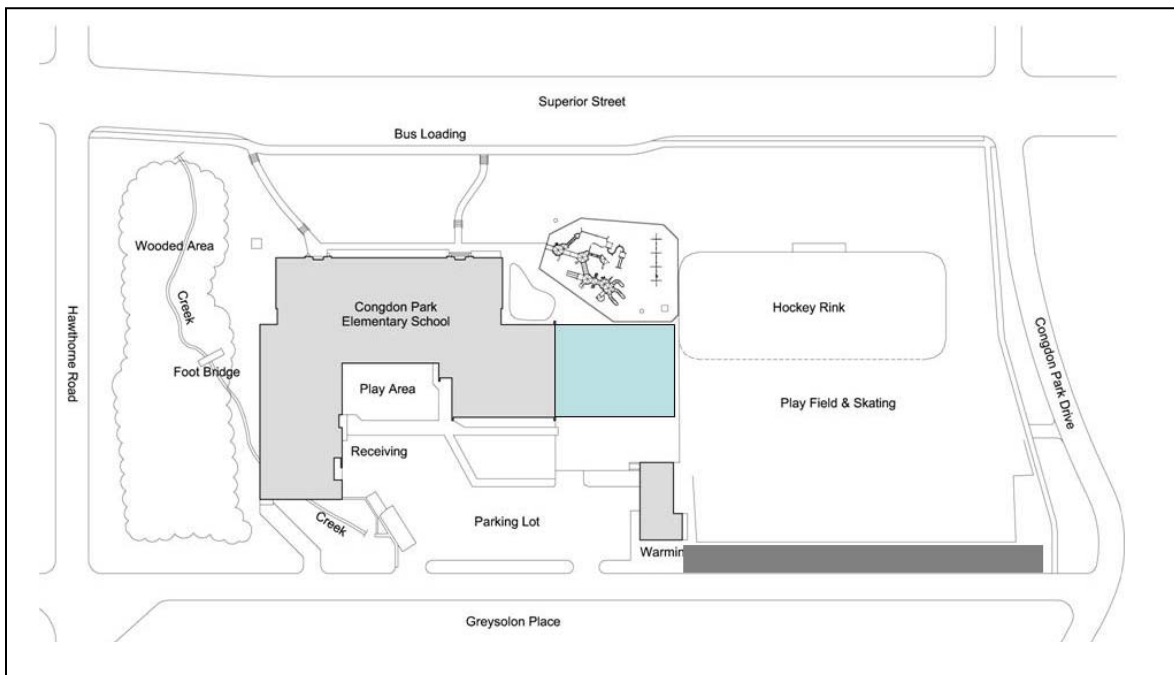
Site Area: 4.69 acres

Design Enrollment: 500 students

To meet the overall educational adequacy needs for this “built to last” east side neighborhood anchor school, there will be a few strategic facility adjustments. This will include the creation of a new gymnasium space with its appropriate support functions in addition to a re-purposing of the existing gymnasium into a new centrally located media center. The existing media center space will be converted to educational spaces to best meet the long term needs of the students.

Improvements:

 New Gymnasium	 New Ventilation System
 Cafeteria Size / Serving Configuration	 New Heating Plant
 Additional Parking	 Dehumidification
 General Building Interior Finishes	 New piping system
 Smart Boards	 Electrical Updates



Solutions Options: Full Report



Grant Elementary

Grade Configuration: K-5

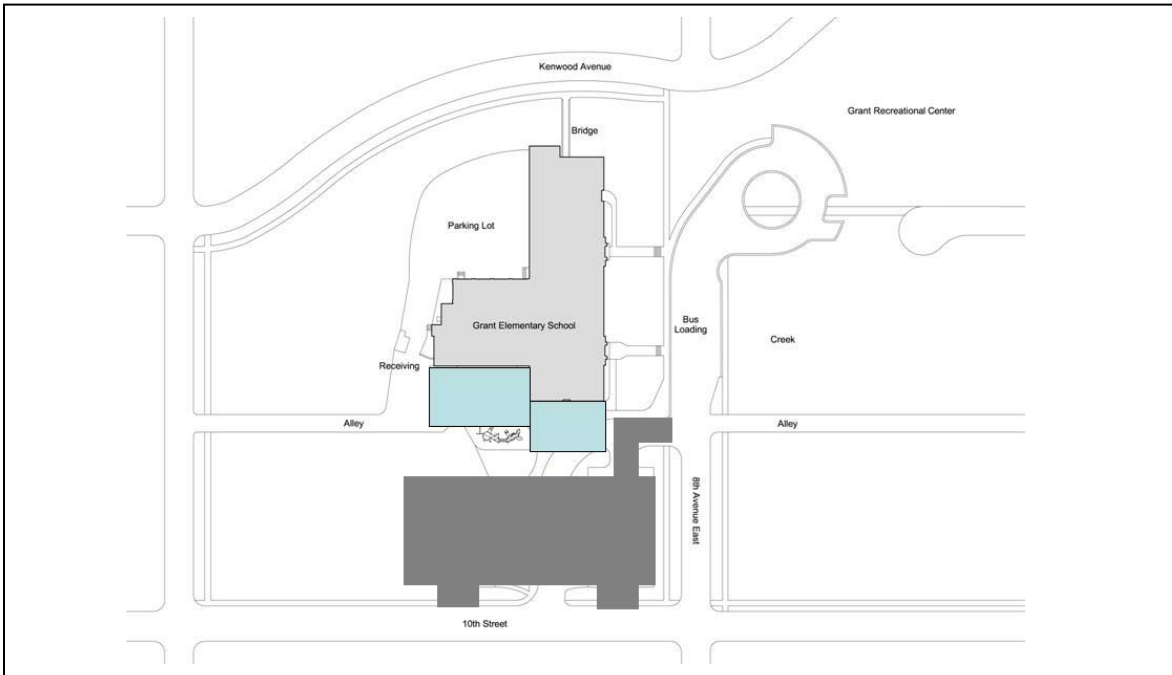
Site Area: 2.53 acres

Design Enrollment: 500 students

Student safety, site amenities and learning space flexibility led to the decision to maintain Grant as an elementary learning environment. As a sturdy and centrally located school, an addition to include new administration and support spaces to increase supervision and security in addition to new parking/student drop off area will allow this facility to meet the needs for central hillside elementary students for many years to come. Work together with City to utilize adjacent green space for expanding and improving playground.

Improvements:

New Gymnasium	New Ventilation System
Cafeteria Size / Serving Configuration	Dehumidification
Additional Parking	Exterior Wall Restoration
General Building Interior Finishes	New Entrance / Administration
Smart Boards	Renovated Classroom
Expanded Playground space	



Solutions Options: Full Report



Homecroft Elementary













Grade Configuration: K-5

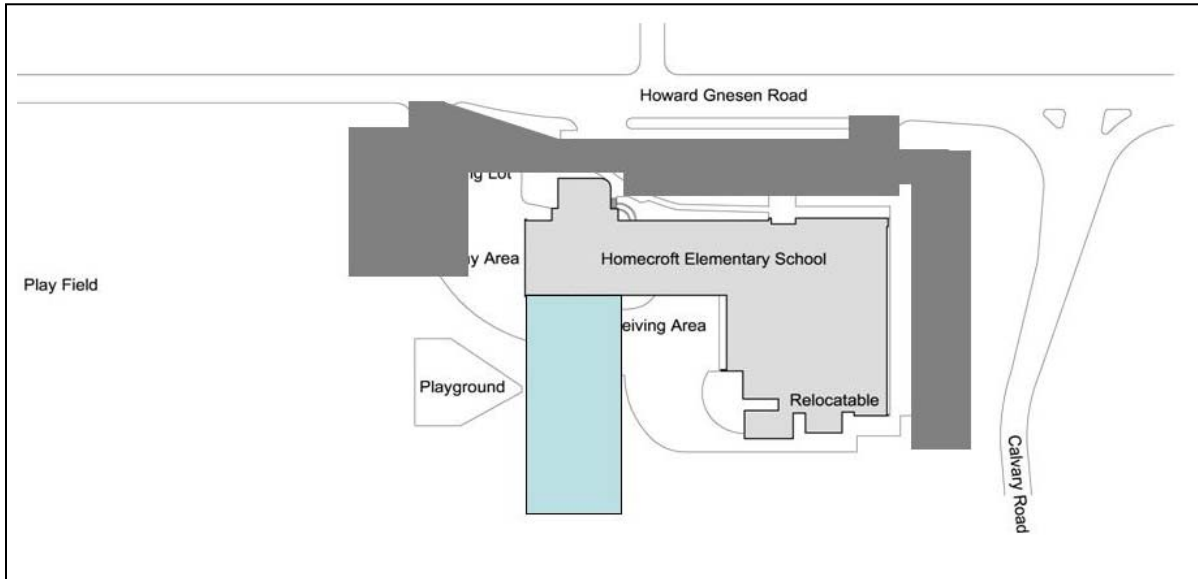
Site Area: 6.69 acres

Design Enrollment: 450 students

The school district has invested in Homecroft with additions and renovations as recently as 2005. This educationally sound facility would be updated with a newly remodeled cafeteria/kitchen space and small classroom addition to meet the needs of the newly formed attendance boundary. The site improvements would include reconfiguration for improved student safety and additional parking.

Improvements:

 Cafeteria Size / Serving Configuration	 New Ventilation System
 Additional Parking	 New Boiler Plant
 Small Classroom Addition	 Roof Replacement
 Exterior Wall Restoration	 Dehumidification
 General Building Interior Finishes	 New piping system
 Smart Boards	 Electrical Updates



Solutions Options: Full Report



Lakewood Elementary











Grade Configuration: K-5

Site Area: 10.5 acres

Design Enrollment: 350 students

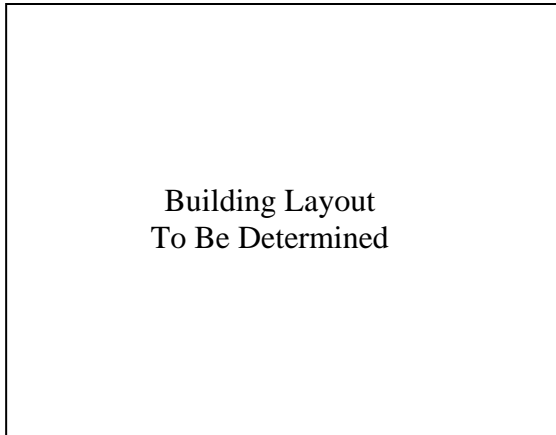
This newer facility is in very good condition and serves its intended enrollment very well. Minor systems upgrades, paving work and new playground equipment are all that is needed for this building over the next 5 years.

Improvements:

 Paving Improvements	 Add Fire Alarm System
 New Playground Equipment	 Add Fire Sprinkler System
 Exterior Wall Restoration	 Dehumidification
 General Building Interior Finishes	 Steam to Hot Water Conversion
 Smart Boards	 Replace Exterior Doors



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New Elementary **(Existing Laura MacArthur Site)**





Grade Configuration: K-5

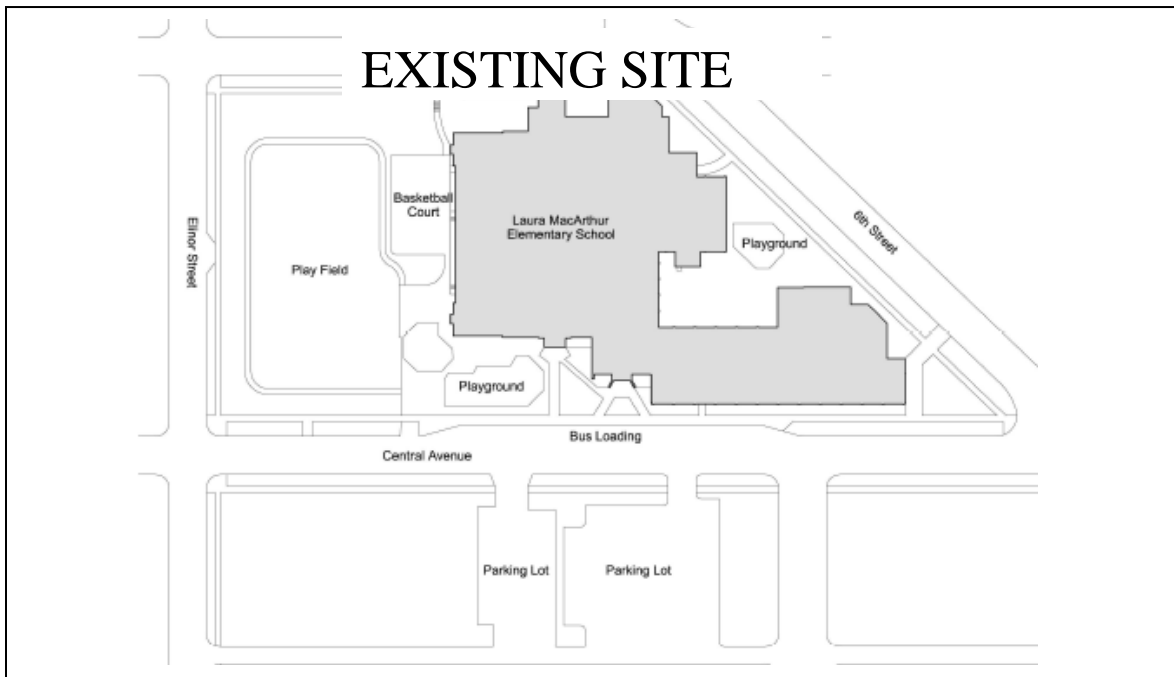
Site Area: 3.83 acres

Design Enrollment: 500 students

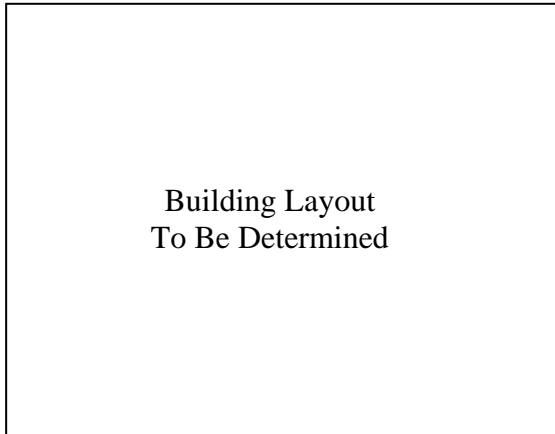
The renewed attendance boundaries strongly indicate the need for an elementary facility in this vicinity of the district. This fact, in addition to the challenges of the existing building to adequately meet the current and future needs of the community led to the decision to develop a new elementary facility on the existing Laura MacArthur property. The constrained site will require the acquisition of adjacent properties to insure student safety and adequate site amenities.

Improvements:

 New Building	 Expanded green space
 Additional Parking	 Demolition of Existing Building



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New Elementary (Existing Lester Park Site)





Grade Configuration: K-5

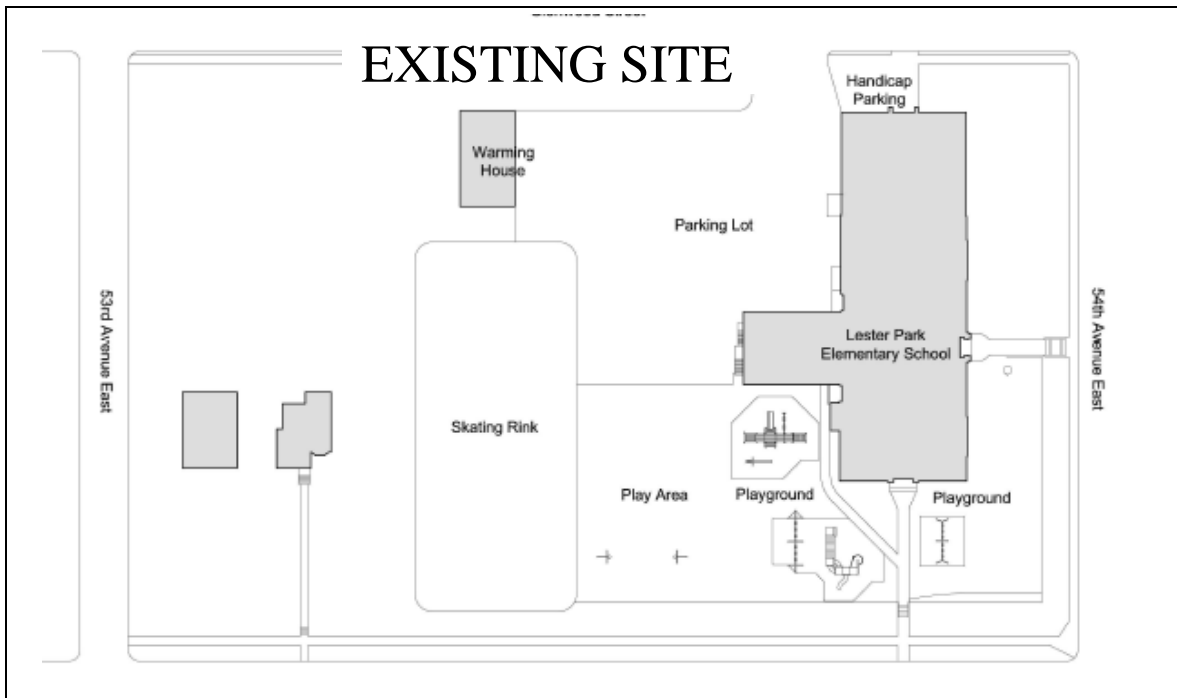
Site Area: 2.85 acres

Design Enrollment: 500 students

The renewed attendance boundaries strongly showed the need for an elementary facility in this vicinity of the district. This realization, combined with the desire to maintain a neighborhood elementary school, and the challenges of the existing building to adequately meet the current and future needs of the community, led to the decision to develop a new elementary facility on the existing property. Only minimal site acquisitions are needed to insure student safety, appropriate circulation patterns and adequate site amenities.

Improvements:

 New Building	 Expanded green space
 Additional Parking	 Dispose of Rockridge Building



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Lowell Elementary












Grade Configuration: K-5

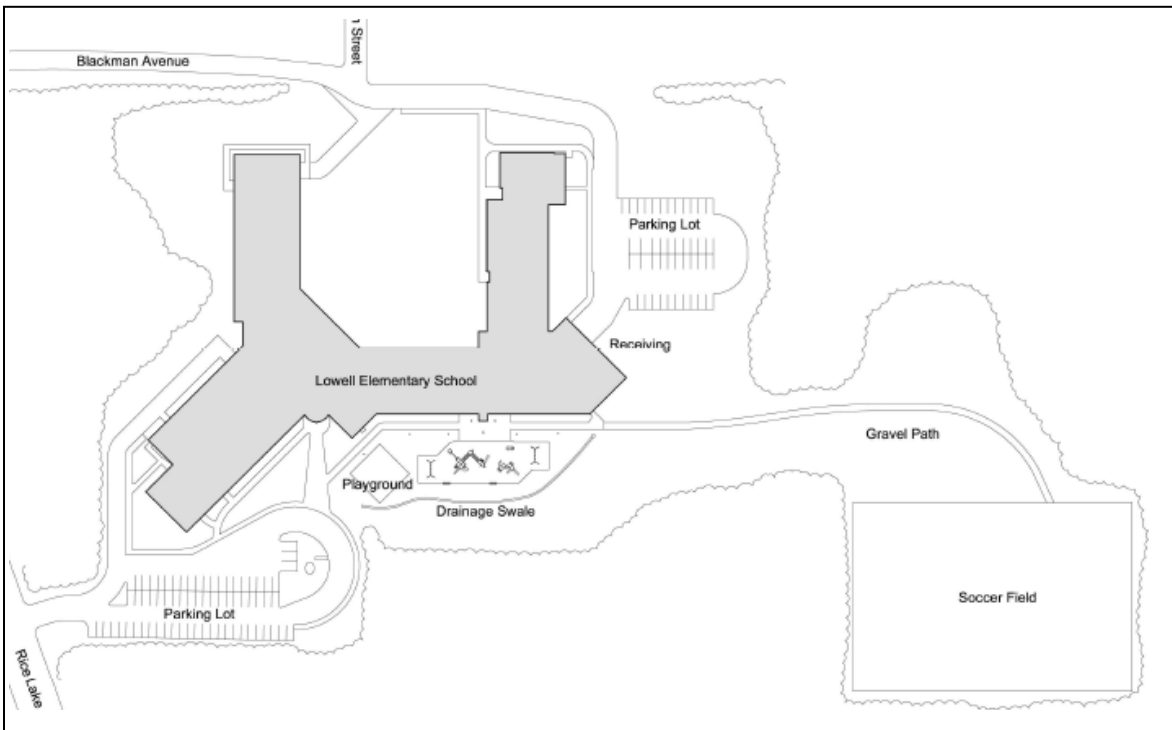
Site Area: 19.94 acres

Design Enrollment: 450 students

Lowell Elementary School also is connected with the older Barnes facility. The majority of the interior finishes are in good shape. There are several exterior facility items that are in need of improvements.

Improvements:

 Cafeteria Size / Serving Configuration	 Exterior Doors
 General Building Interior Finishes	 Exterior Windows
 Smart Boards	 Steam to Hot Water Conversion
 Site Drainage Improvements	 Dehumidification
 Roofing Replacement	 Barnes Ventilation Upgrades
 Exterior Wall Restoration	



Solutions Options: Full Report



Stowe Elementary







Grade Configuration: K-5

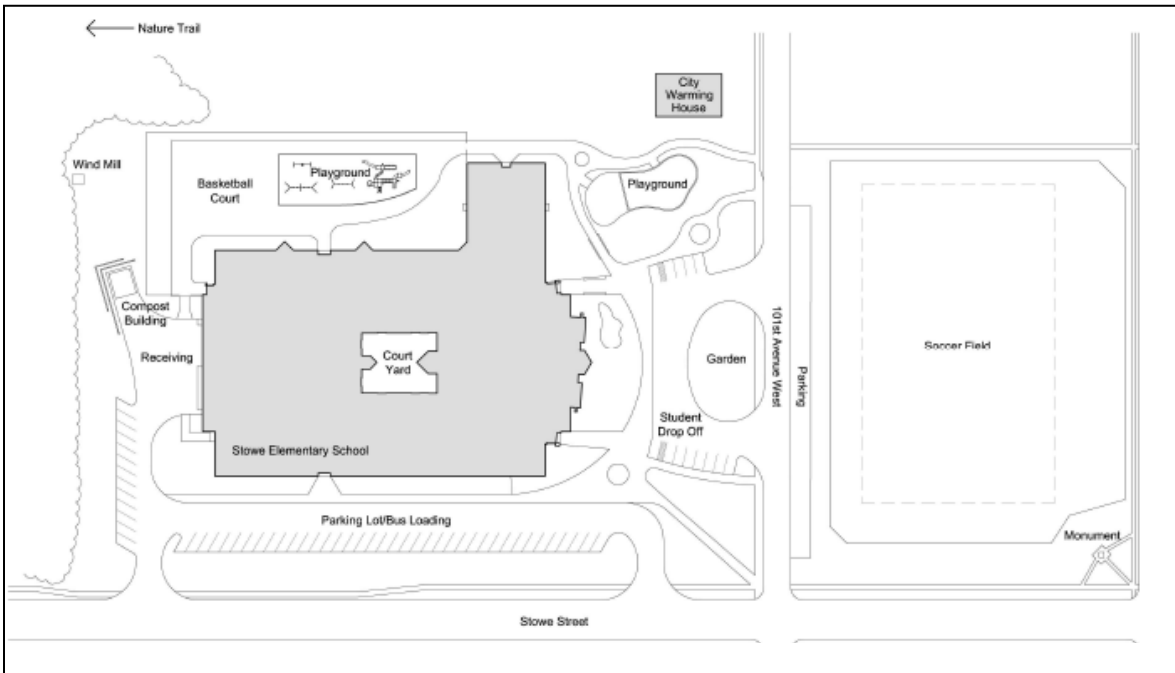
Site Area: 8.9 acres

Design Enrollment: 450 students

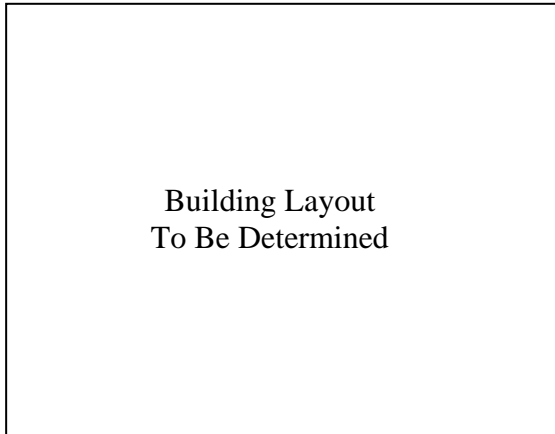
This well designed and well maintained elementary school is educationally adequate and meets the needs of the community. The only area of concern is the food service area of the facility. The recommendation is to expand the current cafeteria space and provide for a more efficient serving space to meet the needs of the anticipated student enrollment.

Improvements:

 Sidewalks	 Playground Equipment Upgrade
 Lighting Retrofit	 Smart Boards
 Roof Replacement	 Dehumidification



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New Elementary **(To be Located Between** **Lincoln/Piedmont)**

Grade Configuration: K-5

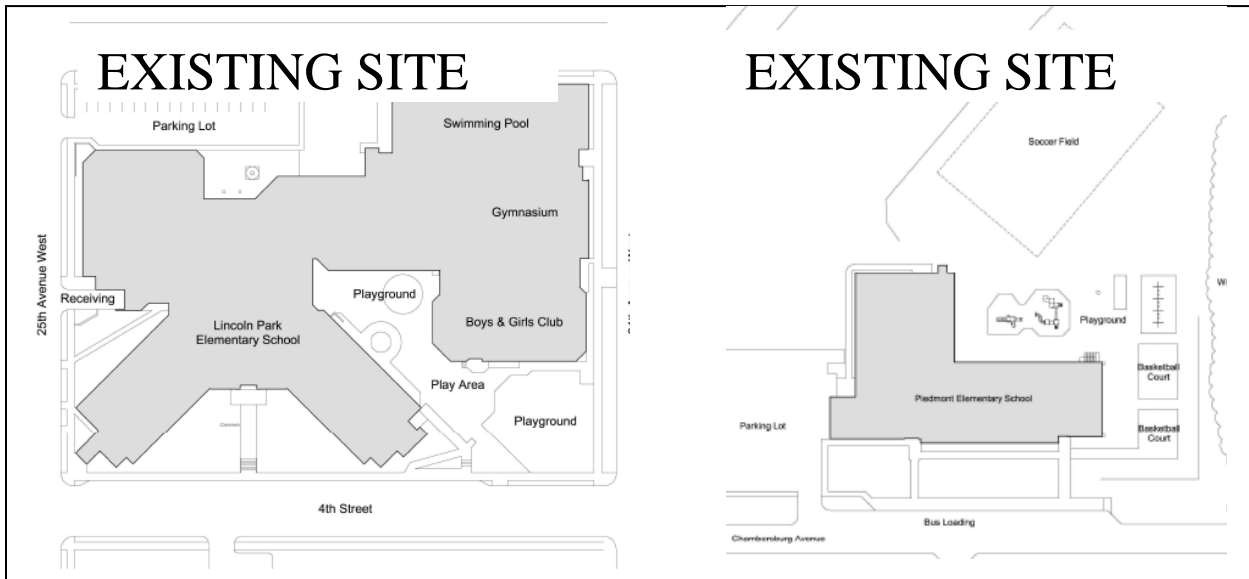
Site Area: TBD acres

Design Enrollment: 450 students

The plan's newly formed school boundaries recognize the need for a viable elementary school in the Lincoln Park/Piedmont portion of the district. The recommended boundaries for this area include consolidation of existing elementary attendance areas from both schools. The existing Piedmont facility is undersized in regards to the efficient delivery of elementary education and is located in an area that does not lend itself to a realistic expansion of the site. Much of the existing Lincoln offers significant challenges in regards to supervision, access for all students and an efficient delivery of education. The size and configuration of the sloping site adds to this sites inability to efficiently meet the educational needs of the surrounding community. Any future use of this parcel of land as a district educational facility would require the acquisition of significant adjacent properties and careful coordination of development of the site with its remaining neighbors. The recommendation is for a new elementary school to serve this geographic area on a "to be determined" site.

Improvements:

<ul style="list-style-type: none"> New Building Adequate Parking 	<ul style="list-style-type: none"> Expanded green space
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Ordean Site

Red & White Plans

Grade Configuration: 9-12

Site Area: 26 acres

Design Enrollment: 1500 students

Blue Plan





Grade Configuration: K-5

Site Area: 26 acres









Design Enrollment: 500 student

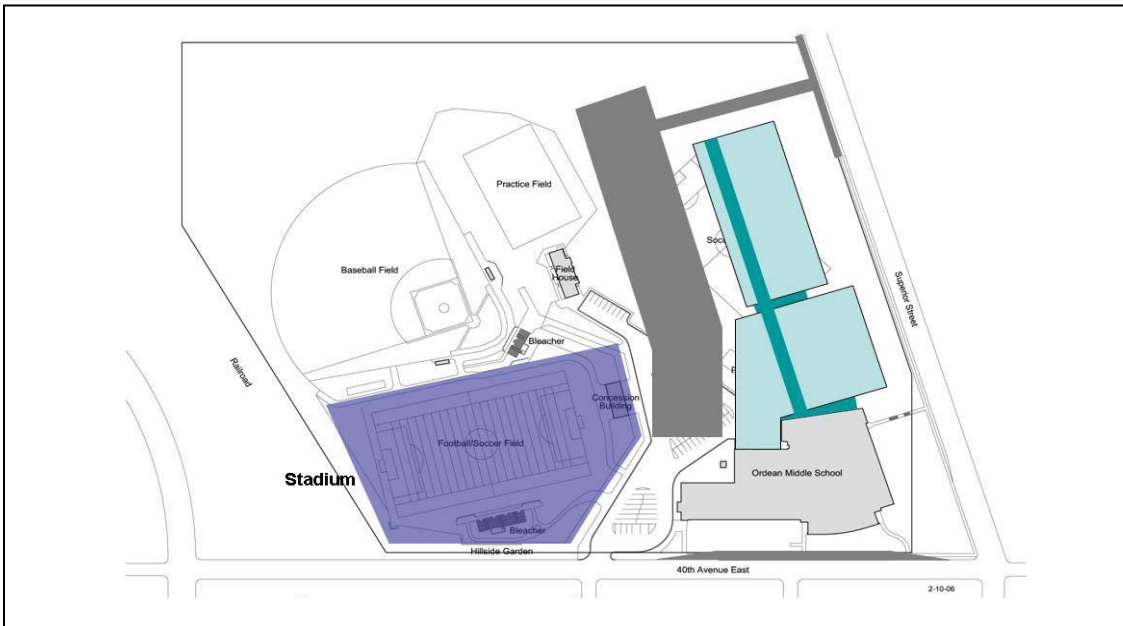
The well designed classroom portion of this facility, the updated media center area, the size of the property and its location within the community are all factors that make this facility a critical component to the recommended options for the eastern side of the district. The academic areas of the facility are relatively easy to modify to meet current educational standards and the core areas of the building provide a framework for a variety of potential grade configurations. As a high school, the ability to add significant additions to the building while maintain a logical organization in addition to the existing site amenities are key factors to its success. As an elementary school, the flexibility of the existing building allows for easy transformation to an effective elementary learning environment.

Red & White Plan Improvements:

 Major Addition	 Expanded Parking
 Complete Building Reprogramming	 Stadium Improvements

Blue Plan Improvements:

 New Gymnasium	 New Ventilation System
 Cafeteria Size / Serving Configuration	 New Heating Plant
 Auditorium Updates	 Dehumidification
 General Building Interior Finishes	 Electrical Updates



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Eastern Middle School











Grade Configuration: 6-8

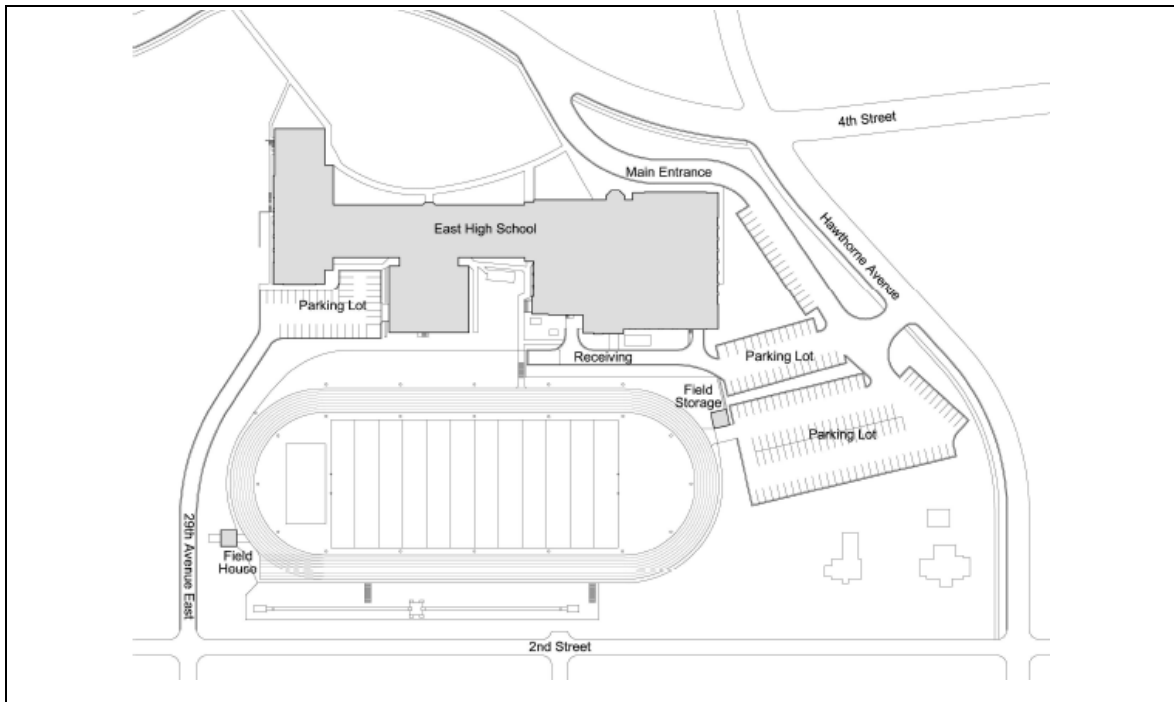
Site Area: 12.71 acres

Design Enrollment: 1100 students

The fact that the existing facility does not meet the educational adequacy and is located on an extremely small site, the recommendation is for this facility to not be used as a high school. This building, with a number of modifications to meet current needs including classroom size and flexible teaming areas, will work as an effective and safe middle school environment. The long-lasting quality of the building and its position within the context of the neighborhood, solidify it as a key component of the overall plan in the eastern portion of the district.

Improvements:

 Aquatics Center	 New Ventilation System
 Cafeteria Size / Serving Configuration	 New Heating Plant
 Parking Resurfacing	 Dehumidification
 General Building Interior Finishes	 Classroom Smart Boards
 Auditorium Updates	 Electrical Updates



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Central High School

Grade Configuration: 9-12

Site Area: 73.2 acres

Design Enrollment: 3000 students

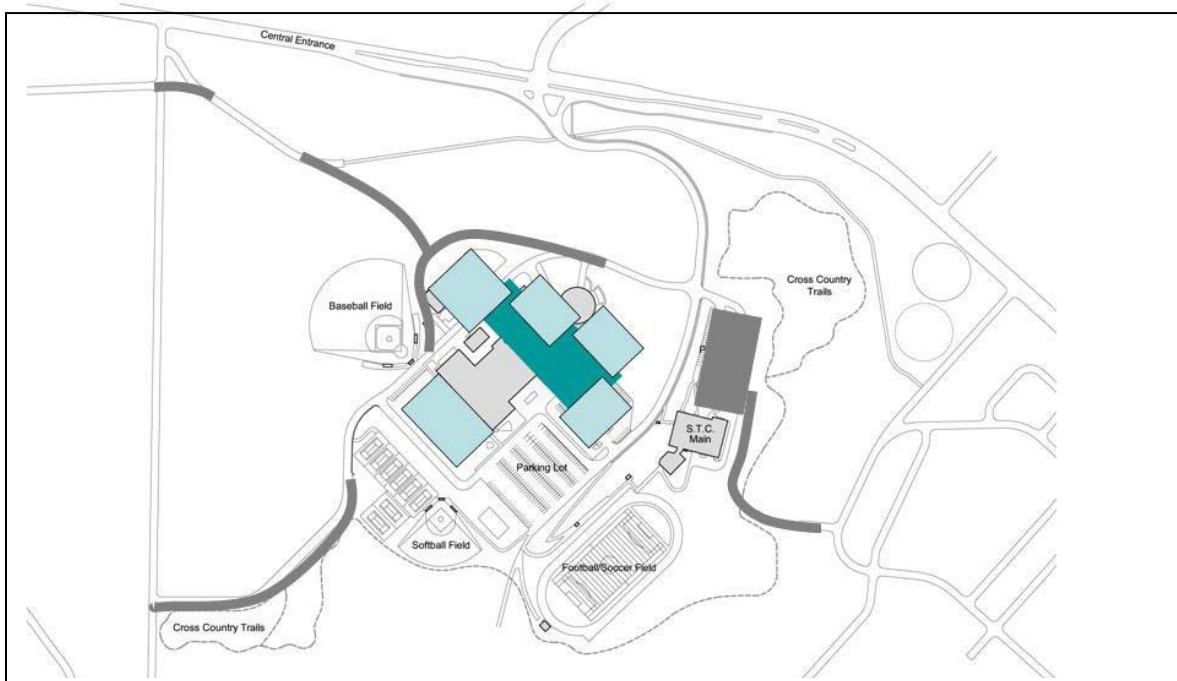
While some of the core facility activity spaces such as gymnasium and auditorium are adequate, most, if not all, of the general purpose classrooms in this building are well below the recommended space allocations. As a major portion of the building, the cost to modify the facility to meet the educational adequacy standards is substantial. The size of the existing site and its central location within the district are benefits to this facility maintaining a viable piece of the district's long range plan. If this facility were to be developed as a one high school option for the district, there would be a significant building addition in conjunction with numerous site upgrades, access road improvements and parking modifications that would need to be accomplished.

Red & White Plans:

Dispose of Site	
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Blue Plan Improvements:

Major Demolition	New Site Entrances
New Classroom Houses	Additional Parking
New Cafeteria, Offices, Entrance	Expanded Activities Wing



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Denfeld Site

Red Plan

Grade Configuration: 9-12

Site Area: 14.25 acres

Design Enrollment: 1500 students

White & Blue Plans





Grade Configuration: 6-8

Site Area: 13.15 acres









Design Enrollment: 1100 students

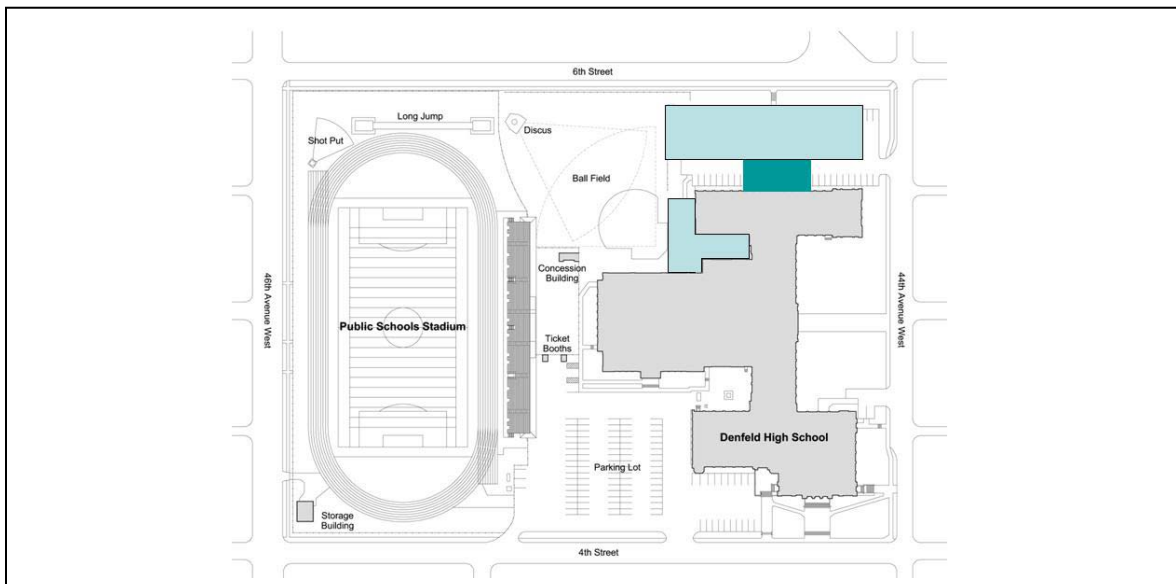
The architectural character of the building, the quality of the craftsmanship and the emotional bond of the neighboring community to the building are key elements to the role of the Denfeld campus in the overall plan recommendations. The district has invested dollars in the updating and upgrading of the auditorium, gymnasium and stadium so it is likely that the campus, at least these components, will continue to be used by the community. The age of the original building and the size of the site do offer some challenges in regards to Denfeld's continue educational use. The existing general purpose educational spaces are significantly below the adequacy standards and major renovations will need to be done for it to meet current space allocations and configurations. The size of the building would allow for the facility to be used as a middle school without an addition but would still require significant renovations. If the campus is to be used as a high school, there will need to be an addition to the building plus some adjacent properties purchased for increased parking and to improve vehicular and pedestrian traffic.

Red Plan Improvements:

 Major Additions	 Expanded Parking
 Classroom Reconfiguration	 Expanded Cafeteria

White & Blue Plan Improvements:

 Cafeteria Size / Serving Configuration	 New Ventilation Systems
 Aquatics Center	 Plumbing Upgrades
 General Building Interior Finishes	 Classroom Reconfiguration
 Exterior Wall Restoration	 Dehumidification



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Secondary Technical Center









Grade Configuration: 9-12

Site Area: 3.6 acres

Design Enrollment: 500 students

This building currently serves its intended population very well. The program is extremely successful and all plans have the building & program staying at its current site. Only minor systems upgrades are needed at this building over the next 5 years.

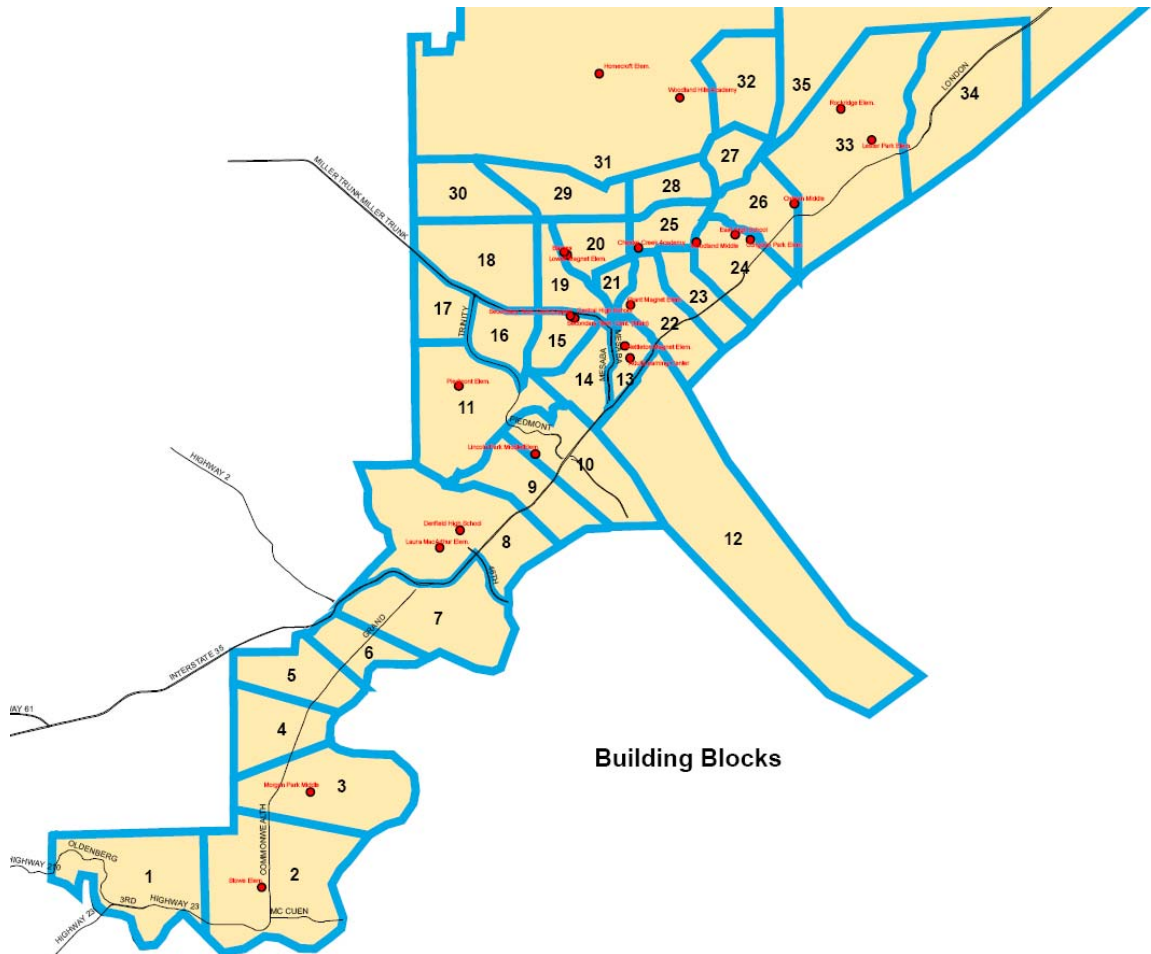
Plan Improvements:

 Lighting Upgrades	 General Building Interior Finishes
 CCTV Upgrades	 Exterior Wall Restoration
 Ventilation Upgrades	 Upgrade Public Address System
 Smart Boards	 ADA Updates

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Community Building Blocks

The following “Building Blocks” were represent Duluth’s many neighborhoods, as well as, both man-made and natural barriers. The Building Blocks were used to create new attendance areas for each school in the Red, White, and Blue Options.



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Proposed Boundaries K-5 Student Counts by Building Blocks Using November 2006 Database

Building Block	Stowe	New Laura	Piedmont	Grant	Lowell	Congdon	Homecroft	New Lester	Lakewood
1	14	0	0	0	0	0	0	0	0
2	196	0	0	0	0	0	0	0	0
3	82	0	0	0	0	0	0	0	0
4	47	0	0	0	0	0	0	0	0
5	30	0	0	0	0	0	0	0	0
6	33	0	0	0	0	0	0	0	0
7	0	151	0	0	0	0	0	0	0
8	0	339	0	0	0	0	0	0	0
9	0	0	139	0	0	0	0	0	0
10	0	0	164	0	0	0	0	0	0
11	0	0	141	0	0	0	0	0	0
12	0	0	0	15	0	0	0	0	0
13	0	0	0	150	0	0	0	0	0
14	0	0	0	84	0	0	0	0	0
15	0	0	0	0	11	0	0	0	0
16	0	0	0	0	33	0	0	0	0
17	0	0	0	0	7	0	0	0	0
18	0	0	0	0	115	0	0	0	0
19	0	0	0	0	78	0	0	0	0
20	0	0	0	0	17	0	0	0	0
21	0	0	0	0	33	0	0	0	0
22	0	0	0	216	0	0	0	0	0
23	0	0	0	0	0	146	0	0	0
24	0	0	0	0	0	140	0	0	0
25	0	0	0	0	36	0	0	0	0
26	0	0	0	0	0	128	0	0	0
27	0	0	0	0	0	81	0	0	0
28	0	0	0	0	36	0	0	0	0
29	0	0	0	0	26	0	0	0	0
30	0	0	0	0	4	0	0	0	0
31	0	0	0	0	0	0	422	0	0
32	0	0	0	0	0	0	0	0	33
33	0	0	0	0	0	0	0	492	0
34	0	0	0	0	0	0	0	0	11
35	0	0	0	0	0	0	0	0	281
	402	490	444	465	396	495	422	492	325
	Stowe	New Laura	Piedmont	Grant	Lowell	Congdon	Homecroft	New Lester	Lakewood

Solutions Options: Full Report

**Proposed Boundaries
6-8 Student Counts by Building Block
Using November 2006 Database**

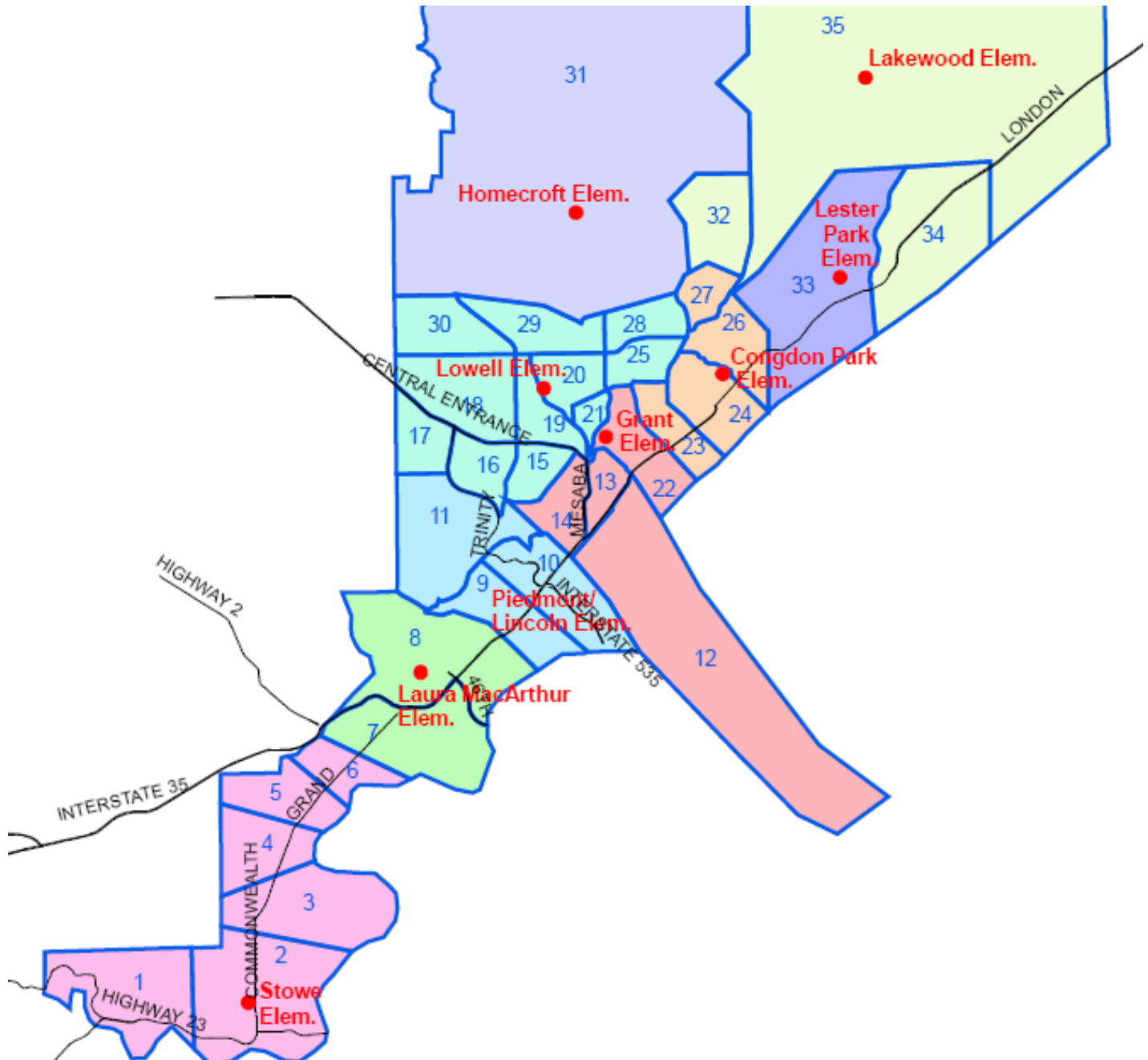
Building Block	Western	Eastern
1	8	0
2	95	0
3	43	0
4	35	0
5	26	0
6	24	0
7	55	0
8	172	0
9	83	0
10	73	0
11	91	0
12	18	0
13	58	0
14	23	0
15	4	0
16	13	0
17	6	0
18	68	0
19	33	0
20	10	0
21	21	0
22	103	0
23	0	89
24	0	91
25	0	23
26	0	66
27	0	53
28	0	33
29	0	13
30	0	0
31	0	245
32	0	27
33	0	287
34	0	4
35	0	161
	1062	1092
	Western	Eastern

**Proposed Boundaries
9-12 Students by Building Block
Using November 2006 Database**

Building Block	Western	Eastern
1	12	0
2	126	0
3	75	0
4	41	0
5	25	0
6	27	0
7	117	0
8	251	0
9	123	0
10	110	0
11	201	0
12	32	0
13	69	0
14	53	0
15	4	0
16	24	0
17	14	0
18	102	0
19	54	0
20	26	0
21	29	0
22	152	0
23	0	102
24	0	140
25	0	43
26	0	125
27	0	98
28	0	69
29	0	21
30	4	0
31	0	471
32	0	35
33	0	394
34	0	6
35	0	242
	1671	1746
	Western	Eastern

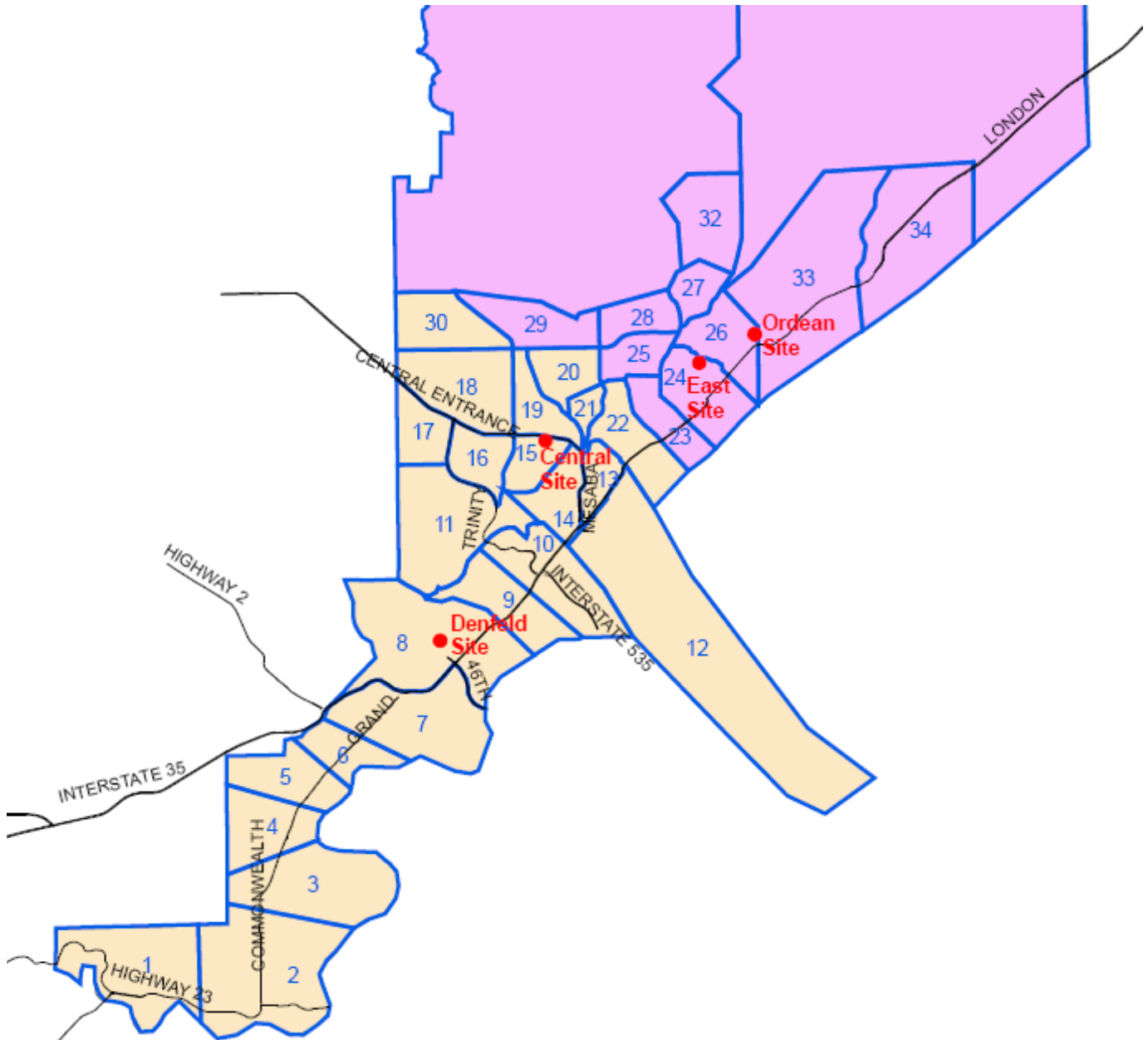
Solutions Options: Full Report

Proposed Elementary Boundaries



Solutions Options: Full Report

Proposed HS & MS Boundary



Boundary Description (starting lakeside)

14th Ave. E. thru Chester Park, north to College St., west to Kenwood Dr., north to Arrowhead Rd., west to Rice Lake Rd., north to Airport Rd., west to district border.