



A World-Class Community of Learners

Independent School District #14
6000 West Moore Lake Drive | Fridley, MN 55432

REVIEW AND COMMENT SUBMITTAL

Submittal for:
District Wide Facility Needs

Presented to:
Minnesota Department of Education

June, 25 2015

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SUMMARY

Fridley Public School ISD #14 proposes to improve and maintain their school buildings and grounds, update building safety, and update technology for our students, staff, and community members.

Address:	Independent School District 14 6000 West Moore Lake Drive Fridley, MN 55432 763-502-5001 Dr. Peggy Flathmann, Superintendent
Financing:	Capital Facilities Bonds proceed of approximately \$27.5 Million received in May of 2016.
Referendum Election Date:	November 3, 2015
Architect:	ATS&R Architects and Engineers, Inc.
Financial Advisor:	Ehlers and Associates, Inc. 3060 Centre Point Drive Roseville, MN 55113-1105
Bond Counsel:	Knutson, Flynn and Deans P.A. 1155 Centre Pointe Drive, #10 Mendota Heights, MN 55120

1. GEOGRAPHIC AREA AND POPULATION TO BE SERVED

The proposed project will serve the Fridley Independent School District which is located approximately 2 miles north of the City of Minneapolis. The District is 4.79 square miles in size and is located within the city of Fridley, MN. The area to be served is completely within the boundaries of the School District.

A school District map is attached as Appendix A.

The project proposes to serve the pre-Kindergarten through grade 12 student population of the District as well as the community population through the Community Education program. Student enrollment has increased from 2,695 students served five years ago in fiscal year 2007-2008 to a current 2014-2015 enrollment projection of 2,930. This upward trend is expect to continue over the next five years.

An illustration of historical and projected student enrollment is attached as Appendix B.

2. EXISTING SCHOOL FACILITIES

Facility	Year Built	Uses
Fridley High School 216,713 Total Square Feet	1960, 1961, 1969, 1973,1975	Secondary Grades 9-12
Fridley Middle School 174,917 Total Square Feet	1954, 1957, 1963, 1965, 1972	Elementary and Secondary Grades 5-8
Hayes Elementary 68,516 Total Square Feet	1965, 1997, 2013	Elementary Grades K-4
Stevenson Elementary 66,046 Total Square Feet	1967, 1997, 2013	Elementary Grades K-4
Fridley Community Center 51,339 Square Feet	1957, 1965, 1997	ECSE, ECFE, ALC, Comm Ed, & City of Fridley community programs

To address the need for additional space at the District's two elementary buildings, the District assessed availability and viability of alternate facilities. Programming at the elementary buildings would have to be relocated, which would cause the district to incurring initial and ongoing expenses for the cost of leasing space for district programs. More importantly, both elementary schools are International Baccalaureate World Schools and the International Baccalaureate curriculum would have to be discontinued if any elementary grade were relocated away from an elementary building site. This does not align with the school board and district educational priorities.

3. DEFICIENCIES OF THE FACILITIES

SUMMARY:

As part of the District's ongoing strategic planning the district continually updates its short and long term facility plans. In the fall of 2010 the District worked with an outside consulting firm, ATS&R Architects and Engineers, Inc., to conduct a full analysis of the District's current facilities. The facility analysis identified \$58 million in facility needs for the District over a 10 year period. The study resulted in the recommendation and completion of an initial phase of projects that focused on deferred maintenance and helping alleviate major space constraints at the District's two elementary schools. The District chose to add an addition at each elementary building through lease levy authority provided to the District under M.S. § 126C.40, as well as completed an initial phase of deferred maintenance projects utilizing the District's current capital funds and deferred maintenance funding.

In 2014 the District consulted with ATS&R Architects and Engineers, Inc. to update the District's long-term facilities plan that would build on the work completed during the 2010 facility study. The focus was on ensuring that the integrity of the District's building infrastructure is maintained, analyzing the effectiveness of the buildings safety and security, and ensuring our facilities continue to meet the ever changing needs of our students, staff, and community. An ATS&R representative toured the District's facilities and met with the staff to gain a better understanding of any facility issues and evaluated the physical condition of the district's buildings and the grounds. The broad analysis identified the need for extensive deferred maintenance to ensure the District continues to protect the integrity of the community's investment in building infrastructure. The analysis also identified areas where safety and security should be improved, a need for additional space at the District's two elementary school buildings, and facility alterations that could be incorporated to better serve the needs of students and the community.

DEFERRED MAINTENANCE:

Deferred maintenance will comprise a large amount of the proposed projects as the District's facilities average 49 years of age and require ongoing maintenance. The major deficiency areas include aging roofs, original flooring needs replacement, exterior wall deterioration, windows need replacement, rooftop unit replacement, original restrooms need renovation, original gym floors and bleachers need replacement, original kitchens need updating, and other ongoing deferred maintenance needs that are typical of aging building. Deferred maintenance is key to ensuring the protection of the community's investment in building infrastructure that will also create energy cost savings through the use of improved materials and systems that are available today.

SAFETY AND SECURITY:

School safety and security is on the frontlines nationally due to unfortunate tragedies that have cost lives of students and staff around the nation. An area of focus for the District is ensuring our buildings are safe and secure for our students, staff, and community. Buildings designed in the 1950s and 1960s were not designed with the same viewpoints we have been forced to have in regards to security today. Security best practices and the technologies available for safety and security have changed. This means that our buildings need to be restructured to accommodate these requirements. The District has a need to update secure main entries around the District. Along with that the district will be establishing additional zone lockdown points, updating classroom door locks around the district, and updating security technology including the need for updating surveillance cameras around the district.

Each of the district buildings are equipped with a system for communicating announcements to students and staff. This communication system is essential for all building communications, including emergencies. The District's system is outdated and needs to be upgraded to be compatible with all communication systems around the District allowing for announcements to be made District-wide not just limited to each individual building.

SPACE SHORTAGE:

Adequate space for education programming continues to be an issue at the two District elementary school buildings. The Fridley School District has two elementary buildings housing grades K – 4. An International Baccalaureate curriculum is implemented for all students, and an all-day kindergarten program is in place with full participation. Increasing enrollment has continued to stress all available spaces in both buildings, and future enrollment is projected to continue to increase in the district.

Spaces that were designed for large group gathering areas such as conference rooms and media centers are all being used for classrooms space. In addition, some programming is taking place in rooms designed for storage. In order to continue to maintain equity in the educational programs, and to meet the rising enrollment in the district, additional classroom space is needed.

The IB Curriculum requires a second language, art, music and physical education class yearly for each student. Currently, only physical education has a permanent classroom space. The others are in the media center or moving from room to room with the class materials on a cart. Students with varying special needs are sharing classrooms with other students with various educational disabilities. The district's community education before and after school programs at each site are also in need of dedicated space. Currently this program is in the hallways and cafeterias at the elementary and middle school sites.

TECHNOLOGY INFRASTRUCTURE:

All of the buildings in the district currently have cabling that connects switches, wireless access points, and other devices used in the classroom to the network. The cabling is outdated and needs to be replaced to support the standards required of the devices our students are using every day. In addition inadequate ventilation in many of the District's data closets that house the networking equipment has resulted in an instable data network, which our students and staff rely on a daily basis for their instruction and testing. To correct these issues, new data cabling is needed to combine data closets while assuring they have adequate ventilation to ensure the network runs at required levels. The District is also in need of updating network hardware and software systems used for system backup and network security as many of these systems are reaching end of life and will no longer be supported.

The wireless network is not compatible with the devices that are currently available on the market. Currently, there are over 2000 devices trying to connect to the District's wireless network every day. As students and staff utilize wireless devices in their classrooms, the demands on the wireless network continually increase. The district is in need of adding wireless access points to each of the buildings so that there is equal access to the wireless network in all of the classrooms. Since the current access points in the buildings do not support the new wireless standard these would also require replacement.

REPURPOSING OF CURRENT FACILITY SPACES:

The programmatic changes that result from the evolution of technology and the changing desires and expectations of our community and students has resulted in a need to repurpose space. The District currently has spaces that need to be renovated so they can be utilized to support a wider variety of instructional delivery approaches.

As a school district, we are striving to provide personalized learning opportunities for our students. Many of the areas of our buildings are in need of infrastructure upgrades to support this environment. We need to add areas that can be used for student collaboration in our Media Centers and classrooms. This would include charging stations for devices, updating tables, desktop surfaces, and other furnishings that would provide for flexible uses of space that support student learning.

LIST OF DEFICIECIENCY BY FACILITY:

Following are the descriptions of many of the deficiencies at each school district facility, which the district proposes to address.

HAYES ELEMENTARY SCHOOL:

This building has been utilized by the District for many years. The original building was constructed in 1965. A gymnasium addition and conversion of the existing gymnasium to a media center was constructed in 1997, and a five classroom addition was constructed in 2012 to support the school programs housed in the facility and to meet the needs of students. The deferred maintenance and school security work proposed at Fridley Hayes Elementary School will help keep this building a viable facility for students, staff and the community.

The major deficiencies of this elementary school include the following:

- Need for additional square footage for educational programming due to space inadequacy
- Roofing system that protects the longevity of building envelope has deteriorated
- Original exterior windows need replacement
- Exterior brick tuck-pointing, masonry restoration, and caulking that is necessary to protect building envelope
- Mechanical air handling units and exhaust fans are in need of replacement for indoor air compliance
- Student lockers are worn and in need of replacement
- Kitchens are in need of alterations to meet changing healthy meal standards
- Nutritional service equipment is deteriorated and outdated
- Kitchen exhaust hood replacement to meet current health standards and provide adequate makeup air serving the exhaust hood.
- Replacement needed of deteriorated floor coverings
- Original restroom alterations needed to provide better access
- Exterior door replacement
- Deteriorated classroom casework
- Original steam boilers need replacement with more energy efficient boilers
- Parking lot needs resurfacing to protect site infrastructure
- Parking alterations needed to improve bus safety
- Emergency lighting requires updating
- Safety and Security improvements
 - Building design provides for inadequate controlled entry (existing main office location does not allow direct access into the office causing security concerns)
 - Door hardware replacement with improved security hardware
 - Improvements needed to building lockdown system

- Additional security cameras required for building coverage
- Building intercom replacement with district-wide zone intercom/paging system
- Technology Infrastructure:
 - Wireless network not compatible with devices currently available on the market
 - Wireless network lacks the density or coverage to support the number of devices needing access to the network
 - In need of replacing current Cat5e with Cat6 in order to support the standards required of the networking devices available on the market today
 - Backup systems are nearing end of life and need replacement
 - Update library infrastructure to provide personalized learning opportunities for students

R.L. STEVENSON ELEMENTARY SCHOOL:

This facility has been utilized by the District for many years. The original building was constructed in 1967, a media center addition was constructed in 1997 and five additional classrooms were constructed in 2012 to support the school's academic programs and the changing needs of our students. The deferred maintenance and school security work proposed at Fridley's Stevenson Elementary School will help keep this building a viable facility for students, staff and the community.

The major deficiencies of this elementary school include the following:

- Need for additional square footage for educational programming due to space inadequacy
- Roofing system that protects the longevity of building envelope has deteriorated
- Original exterior windows need replacement
- Exterior brick tuck-pointing, masonry restoration, and caulking that is necessary to protect building envelope
- Mechanical air handling units and exhaust fans are in need of replacement for indoor air compliance
- Student lockers are worn and in need of replacement
- Kitchens are in need of alterations to meet changing healthy meal standards
- Nutritional service equipment is deteriorated and outdated
- Kitchen exhaust hood replacement to meet current health standards and provide adequate makeup air serving the exhaust hood.
- Replacement needed of deteriorated floor coverings
- Original restroom alterations needed to provide better access
- Exterior door replacement
- Deteriorated classroom casework
- Original steam boilers need replacement with more energy efficient boilers
- Parking lot needs resurfacing to protect site infrastructure
- Parking alterations needed to improve bus safety

- Emergency lighting requires updating
- Safety and Security improvements
 - Building design provides for inadequate controlled entry (existing main office location does not allow direct access into the office causing security concerns)
 - Door hardware replacement with improved security hardware
 - Improvements needed to building lockdown system
 - Additional security cameras required for building coverage
 - Building intercom replacement with district-wide zone intercom/paging system
- Technology Infrastructure:
 - Wireless network not compatible with devices currently available on the market
 - Wireless network lacks the density or coverage to support the number of devices needing access to the network
 - In need of replacing current Cat5e with Cat6 in order to support the standards required of the networking devices available on the market today
 - Backup systems are nearing end of life and need replacement
 - Update library infrastructure to provide personalized learning opportunities for students

FRIDLEY MIDDLE SCHOOL:

This facility was originally constructed in 1954 as a high school. The facility has been expanded with additions constructed in 1957, 1963, 1965 and 1972. The deferred maintenance and school security work proposed at Fridley Middle School will help keep this building a viable facility for students, staff and the community.

The major deficiencies of this middle school facility include the following:

- Roofing system that protects the longevity of building envelope has deteriorated
- Exterior brick tuck-pointing, masonry restoration, and caulking that is necessary to protect building envelope
- Fascia and soffit repairs and treatments needed to protect longevity of the exterior building envelope
- Replacement of areas of deteriorated exterior windows (including locations of deteriorated steel lintels) for energy efficiency, structural integrity and improvement of classroom learning environment
- Replacement of worn and rusted exterior steel doors and frames with aluminum frames and fiberglass reinforced polyester doors for longevity and reduced maintenance
- Student lockers are worn and in need of replacement
- Replacement needed of deteriorated floor coverings
- Replacement of deteriorated interior pool area doors and adjacent deteriorated shower heads and valves

- Original and deteriorated gymnasium floors in need of replacement
- Original building bleachers in need of replacement
- Removal of unused dividing folding partition
- Original restroom alterations needed to provide better access
- Kitchens are in need of alterations to meet changing healthy meal standards
- Nutritional service equipment is deteriorated and outdated
- Mechanical air handling units and exhaust fans are in need of replacement for indoor air compliance
- Convert remaining original steam boilers with more energy efficient boilers
- Complete dehumidification of remainder of building
- Fire Sprinkling of the building for improved student and building safety
- Parking alterations needed to provide improved bus safety
- Parking lot needs resurfacing needed to protect site infrastructure
- Establishing a loading dock for improved safety and security
- Opportunity to repurpose and/or remodel space for instructional learning spaces due to outdated building design.
- Need to update and automate outdated landscape maintenance infrastructure away from inefficient manual systems
- Emergency lighting requires updating
- Safety and Security improvements
 - Building design provides for inadequate controlled entry (existing main office location does not allow direct access into the office causing security concerns)
 - Door hardware replacement with improved security hardware
 - Improvements needed to building lockdown system
 - Additional security cameras required for building coverage
 - Building intercom replacement with district-wide zone intercom/paging system
 - Remodeling and addition needed to create a secure and controlled public entry to the building and to the main office will provide for main office observation of persons approaching the front entry
- Technology Infrastructure:
 - Wireless network not compatible with devices currently available on the market
 - Wireless network lacks the density or coverage to support the number of devices needing access to the network
 - In need of replacing current Cat5e with Cat6 in order to support the standards required of the networking devices available on the market today
 - Backup systems are nearing end of life and need replacement
 - Update library infrastructure to provide personalized learning opportunities for students

FRIDLEY HIGH SCHOOL:

The building was originally constructed in 1960 and this facility has served the District for many years. The facility has been expanded with additions constructed in 1961, 1969, 1973 and 1975. The deferred maintenance and school security work proposed at Fridley High School will help keep this building a viable facility for students, staff and the community.

The major deficiencies of this high school facility include the following:

- Roofing system that protects the longevity of building envelope has deteriorated
- Exterior brick tuck-pointing, masonry restoration, and caulking that is necessary to protect building envelope
- Fascia and soffit repairs and treatments needed to protect longevity of the exterior building envelope
- Replacement of deteriorated exterior windows for energy efficiency, structural integrity and the improvement of classroom learning environment
- Replacement of worn and rusted exterior steel doors and frames with aluminum frames and fiberglass reinforced polyester doors for longevity and reduced maintenance
- Replacement needed of deteriorated floor coverings
- Original and deteriorated gymnasium floors in need of replacement to ensure students and athletes safety
- Revision of the elevator sump pump system to provide redundancy of pumps to prevent potential flooding of the below grade adjacent gym floor (the water level of the adjacent Moore Lake is about at the level of the gym floor)
- Original building bleachers in need of replacement
- Revision of the energy management system to control various mechanical equipment components through the building automation system instead of the older and less energy efficient pneumatic controls and provide temperature controls for the auditorium
- Convert remaining original steam boilers with more energy efficient boilers
- Complete dehumidification of remainder of building
- Removal of unused dividing folding partition
- Original restroom alterations needed to provide better access
- Kitchens are in need of alterations to meet changing healthy meal standards
- Nutritional service equipment is deteriorated and outdated
- Mechanical air handling units and exhaust fans are in need of replacement for indoor air compliance
- Fire Sprinkling of the building for improved student and building safety
- Parking alterations needed to provide improved bus safety
- Parking lot resurfacing needed to protect site infrastructure
- Modify loading dock for improved safety and security

- Need to update and automate outdated landscape maintenance infrastructure away from inefficient manual systems
- Opportunity to repurpose and/or remodel building space for instructional learning spaces due to outdated building design.
- Family and consumer science instructional space requires modification for ventilation, electrical, and casework.
- Emergency lighting requires updating
- Safety and Security improvements
 - Building design provides for inadequate controlled entry (existing main office location does not allow direct access into the office causing security concerns)
 - Door hardware replacement with improved security hardware
 - Improvements needed to building lockdown system
 - Additional security cameras required for building coverage
 - Entrance alterations for improvement of student flow into and from the building
 - Building intercom replacement with district-wide zone intercom/paging system
 - Remodeling and addition needed to create a secure and controlled public entry to the building and to the main office providing for main office observation of persons approaching the front entry
 - Remodeling and addition needed to create a secure and controlled public entry to the building and to the main office, provide main office observation of person approaching the front entry, and provide adequate parking at the main entry to the building
- Existing visitor parking area is far from the main entrance providing accessibility challenges for visitors, staff, and students.
- Replacement of deteriorated auditorium seating, sound system, stage lighting and video systems, battens and stage flooring
- Technology Infrastructure:
 - Wireless network not compatible with devices currently available on the market
 - Wireless network lacks the density or coverage to support the number of devices needing access to the network
 - In need of replacing current Cat5e with Cat6 in order to support the standards required of the networking devices available on the market today
 - Backup systems are nearing end of life and need replacement
 - Update library infrastructure to provide personalized learning opportunities for students

FRIDLEY COMMUNITY CENTER:

The Fridley Community Center was originally constructed as an elementary school in 1957 and has served the District for many years. The facility has been expanded to meet the changing needs of the community with additions constructed in 1965 and 1997. The City of Fridley shares some use of the facility as a senior center and for other community programs. The deferred maintenance and school security work proposed at Fridley Community Center will help keep this building a viable facility for students, staff and the community.

The major deficiencies of this community center facility include the following:

- Roofing system that protects the longevity of building envelope has deteriorated
- Exterior brick tuck-pointing, masonry restoration, and caulking that is necessary to protect building envelope
- Replacement needed of deteriorated floor coverings
- Mechanical air handling units and exhaust fans are in need of replacement for indoor air compliance
- Convert remaining original steam boilers with more energy efficient boilers
- Emergency lighting requires updating
- Safety and Security improvements
 - Building design provides for inadequate controlled entry (existing main office location does not allow direct access into the office causing security concerns)
 - Door hardware replacement with improved security hardware
 - Improvements needed to building lockdown system
 - Additional security cameras required for building coverage
 - Entrance alterations needed for improved safety and security

4. PROJECT DESCRIPTION

The following is a summary of the major project categories that the district proposes to address with this project. While this by no means completes all of the projects needs for the District's facilities, it will greatly help in supporting the district's five school board priorities as we move forward.

Five School Board Priorities for Improvement

1. Improving academic achievement
2. Using the most effective instructional strategies
3. Maintaining a safe and positive learning environment
4. Building financial stability
5. Improving parent, school, and community partnership

The projects identified revolve around three guiding principles. We must provide a safe and secure environment for our students and staff; we must protect the community's investment in District infrastructure; and we must continue to strive to meet the ever changing needs of our students, staff, and community. The following is a summary of the work to be completed at each of the five facilities.

An estimated project scope and budget summary along with site diagrams are attached as Appendix C.

In regards to ongoing operating cost the district expects to achieve a minor reduction of maintenance and operational costs through the replacement of deteriorated building finishes and systems, replacement of aging air handling units with more energy efficient units, increase of motor efficiency by the addition of VFD's (variable frequency drives), the replacement of pneumatic temperature controls with DDC (direct digital controls), and conversion of steam to hot water heating systems. The re-roofing projects will result in a substantial reduction of heat loss and therefore a reduction of energy costs due to the additional thickness of roof insulation to comply with the new energy code requirements.

The school district does not anticipate adding any administrative expenses as the plan is to retain the current organizational structure.

5. SOURCE OF FINANCING PROJECT

Pursuant to M.S. 475, the District proposes to obtain funding for the project from the sale of General Obligation bonds and will seek voter approval through one ballot question in a referendum election to be held on Tuesday, November 3, 2015. If approved, the question would result in a \$27,500,000 bond issue. Costs of issuance for the bond issue are estimated to total \$96,775. The difference between the amounts requested to be authorized by the voters (plus estimated interest earnings in the construction fund) and the estimated costs of issuing the debt equals \$27,437,479, the amount the District expects to need for construction projects.

Ehlers, Inc., the District's financial advisor, has prepared the following documents which have been included in Appendix D:

- 1) The sources and uses of funds for the borrowing.
- 2) The estimated debt structure for the anticipated borrowing and the estimated tax levies, including the 105% requirement.
- 3) An analysis of the tax impact of the proposed bond issue on various values of residential, commercial and apartment properties

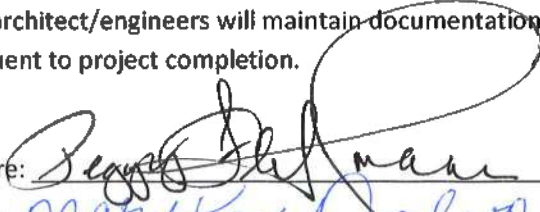


6. OBLIGATING DOCUMENTS

Attachment 1
Review and Comment
Section #6 Documentation
(as amended by the 2014 Legislature)

Documentation obligating the school district and contractors to comply with items (i) to (vii) in planning and executing the project:

- (i) The school district will be in compliance with Minnesota Statute 471.345 governing municipal contracts issued for this project;
- (ii) The school district and the architects will include elements of sustainable design for this project;
- (iii) If the project installs or modifies facility mechanical systems, the school district, architect/engineers and contractors will be in compliance with school facility commissioning under Minnesota Statute 123B.72 certifying the plans and designs for the heating, ventilating, air conditioning, and air filtration for an extensively renovated or new facility meet or exceed current code standards, including the ASHRAE air filtration standard 52.1;
- (iv) If the project creates or modifies interior spaces, the district, architects/engineers and relevant contractors have considered the American National Standards Institute Acoustical Performance Criteria, Design Requirements and Guidelines for Schools on maximum background noise level and reverberation times;
- (v) The project will be in compliance with Minnesota State Fire Code;
- (vi) The project will be in compliance with Minnesota Statute chapter 326B governing building codes; and
- (vii) The school district and the architects/ engineers have been in consultation with affected government units about the impact of the project on utilities, roads, sewers, sidewalks, retention ponds, school bus and automobile traffic, access to mass transit, and safe access for pedestrians and cyclists.

The school district and architect/engineers will maintain documentation showing compliance with these items upon and subsequent to project completion.

Superintendent Signature:  Date 6.25.15
Board Chair Signature:  Date 6/25/15
Architect/Engineer Signature:  Date 5/20/15

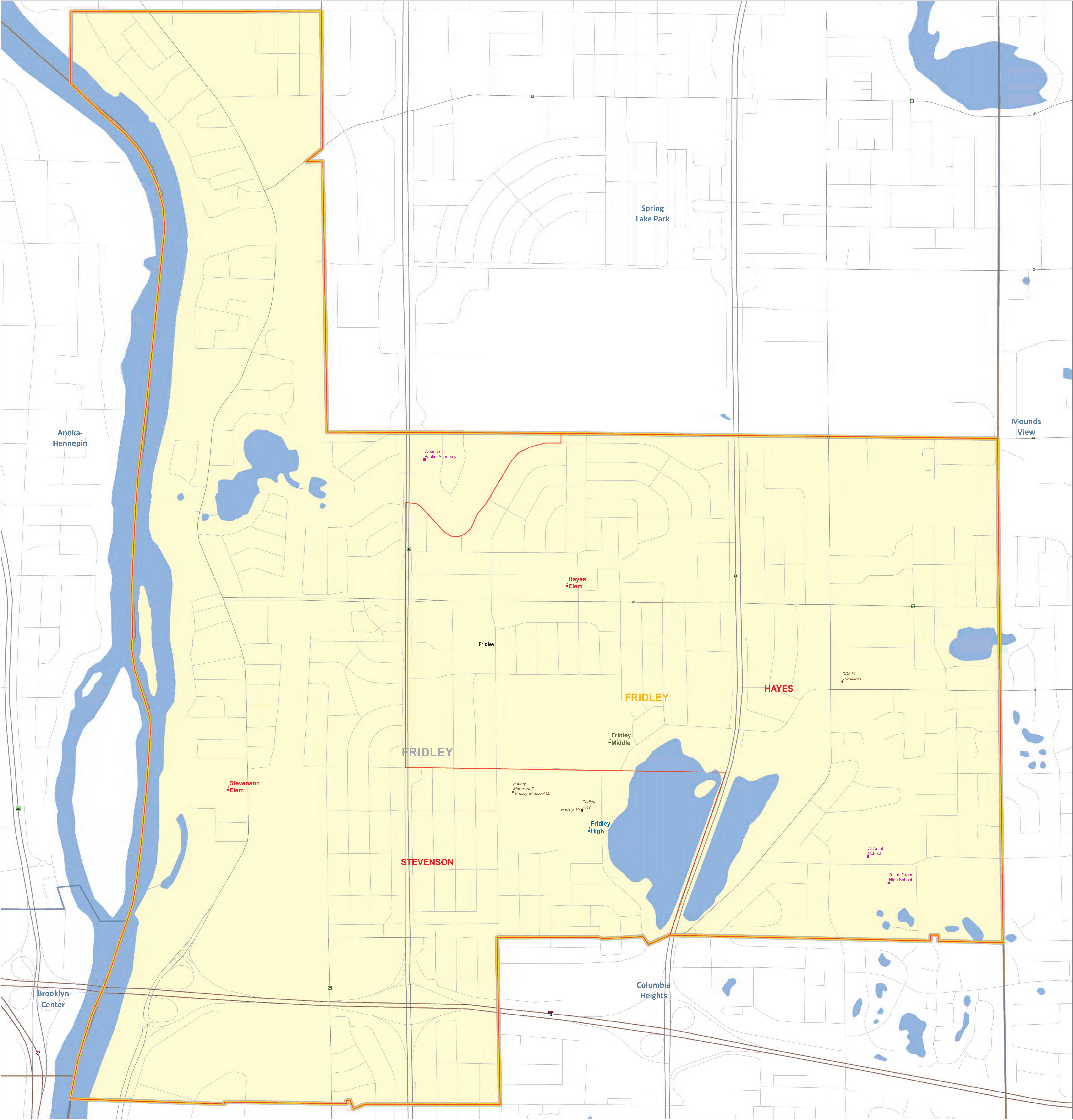
Appendix A

Public School District Attendance Areas and Educational Facility Locations

SY2013-2014

Fridley
14

Map 1 of 1



Public Educational Facilities or Programs¹

- Elementary school
- Middle / Junior high school
- High / Secondary school
- School District Office
- Non-Public school
- Public Charter school

- Other School Program (examples)
- Area Learning Center (ALC)
 - Area Learning Program (ALP)
 - Targeted Services
 - College/University
 - Correctional
 - Secondary Education

Public School Attendance Areas¹

- Elementary School Attendance Area **ELEM**
- Middle School Attendance Area **MIDD**
- High School Attendance Area **HIGH**

Public School Districts¹

- School District
- Adjacent School District
- INSET - SEE MAP 2 OF 2 (if applicable)

Other Features

- Interstate Highway²
- U.S. Highway²
- State Highway²
- County Highway²
- Road/Street²
- Railroad³
- Stream⁵
- Lake/Pond⁵
- Minor Civil Division⁴
- Public Land Survey Township / Range³
- Public Land Survey Section³

Data Sources:

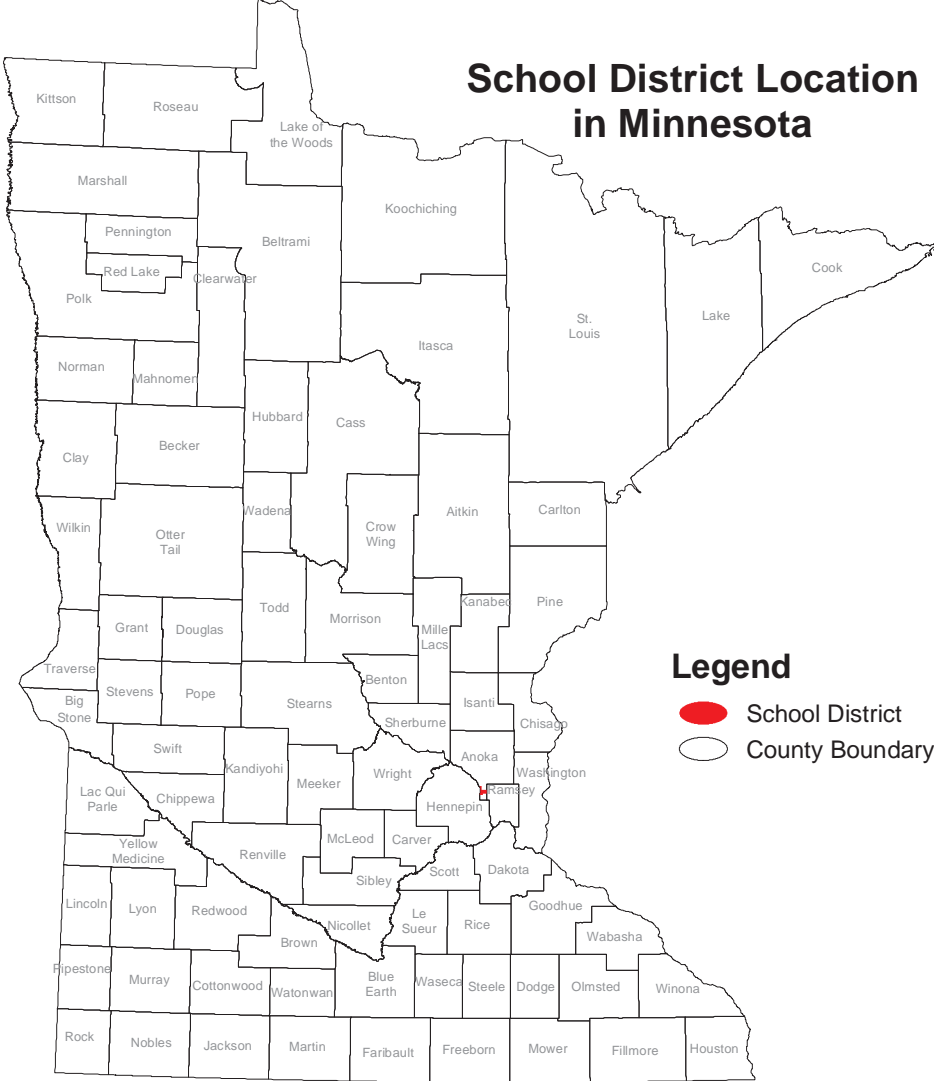
- Minnesota Department of Education, IT Division (2013)
- Metropolitan Council (2010) Minnesota Department of Transportation (2004)
- Minnesota Geographic Information Office
- U.S. Bureau of the Census, Minnesota Legislative GIS Office (modified to include annexations files with Municipal Board through May 2003)
- Minnesota Department of Natural Resources

Special Note:

The school district boundary appearing on this map do not necessarily represent the legal boundary of the district. It is a generalization of boundaries drawn on maps in the late 1980's by county officials and modified by the U.S. Bureau of the Census, most recently for Census 2000. Since 2005, district boundaries have been modified by the Dept. of Education based on completed County Parcel information. Please contact your county auditor or assessor to obtain an accurate legal description of the boundary.

Liability Statement:

The Minnesota Department of Education does not warrant the results you may obtain by using this map. This map is provided without express or implied warranties, including warranties of merchantability and fitness. In no event will MDE be liable for any consequential, incidental or special damages, including any lost profits or lost savings, even if an MDE representative has been advised of the possibility of such damages or any other claim by any third party.



School District Location in Minnesota

- Legend
- School District
 - County Boundary

For further assistance with this map, contact:

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Scott Freburg scott.freburg@state.mn.us

MN Department of Education
MN.IT @ Education
1500 Highway 56 West
Roseville, MN 55113

Minnesota Department of Education

Map Created: September 2011

Appendix B

FRIDLEY PUBLIC SCHOOLS HISTORICAL ENROLLMENT								
GRADE	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
EC	19	17	18	19	25	23	21	18
HK	0	19	16	15	21	28	21	20
Grade K	202	197	184	230	229	213	212	237
Grade 1	168	200	214	194	241	227	234	220
Grade 2	192	167	199	208	207	237	215	236
Grade 3	163	200	163	194	223	205	230	192
Grade 4	161	164	195	170	200	215	202	221
Grade 5	160	174	169	193	175	190	213	205
Grade 6	186	191	189	187	221	195	212	222
Grade 7	215	196	203	211	200	243	212	228
Grade 8	220	227	199	217	207	214	241	208
Grade 9	244	255	239	223	246	232	212	240
Grade 10	232	253	245	247	218	248	231	219
Grade 11	223	215	240	239	237	217	232	204
Grade 12	199	218	215	237	220	227	214	229
Total E-12	2,586	2,695	2,689	2,783	2,869	2,913	2,903	2,899

FRIDLEY PUBLIC SCHOOLS HISTORICAL ENROLLMENT								
GRADE	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
EC	19	17	18	19	25	23	21	18
HK	0	19	16	15	21	28	21	20
KG	202	197	184	230	229	213	212	237
1-3	523	567	575	596	671	669	679	648
4-6	507	530	553	550	596	600	627	648
7-12	1,334	1,364	1,343	1,373	1,328	1,381	1,343	1,329
Total E-12	2,586	2,695	2,689	2,783	2,869	2,913	2,903	2,899

FRIDLEY PUBLIC SCHOOLS ENROLLMENT PROJECTIONS					
GRADE	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
EC	17	17	17	17	17
HK	20	20	20	20	20
Grade K	196	200	200	200	200
Grade 1	262	222	226	226	226
Grade 2	217	246	206	210	210
Grade 3	234	217	246	206	210
Grade 4	199	234	217	246	206
Grade 5	230	199	234	217	246
Grade 6	225	245	214	249	232
Grade 7	233	235	255	224	259
Grade 8	228	238	240	260	229
Grade 9	212	216	226	228	248
Grade 10	241	221	225	235	237
Grade 11	215	234	214	218	228
Grade 12	201	200	219	199	203
Total E-12	2,930	2,944	2,959	2,955	2,971

FRIDLEY PUBLIC SCHOOLS ENROLLMENT PROJECTIONS					
GRADE	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
EC	17	17	17	17	17
HK	20	20	20	20	20
KG	196	200	200	200	200
1-3	713	685	678	642	646
4-6	654	678	665	712	684
7-12	1,330	1,344	1,379	1,364	1,404
Total E-12	2,930	2,944	2,959	2,955	2,971

Estimated Project Scope and Budget Summary

Project Description	Scope/Need	Location	Estimated Project Cost
Safety and Security Improvement	- Secure Main Entry	Hayes Elementary	\$267,800
	- Improve Interior Security Infrastructure	Stevenson Elementary	\$374,800
	- Adding zoning lockdown points	Fridley High School	\$1,632,200
	- Replace classroom door hardware	Fridley Middle School	\$832,600
	- Security technology	<u>Fridley Community Center</u>	<u>\$319,700</u>
	- Security cameras	Total Cost	\$3,427,100
	- Improved zoning technology		
Exterior Envelope	- Identity visitor management system		
	- Integrated districtwide intercom system		
	- Replace roofing in selected sections	Hayes Elementary	\$467,900
	- Repair soffits & fascia	Stevenson Elementary	\$286,800
	- Brick tuck-pointing/masonry restoration	Fridley High School	\$2,688,079
	- Replacement of windows	Fridley Middle School	\$1,199,400
	- Replacement of exterior doors	<u>Fridley Community Center</u>	<u>\$704,900</u>
Interior Systems		Total Cost	\$5,347,079
	- Flooring replacement	Hayes Elementary	\$453,300
	- Original restroom remodel	Stevenson Elementary	\$510,400
	- Replace worn lockers	Fridley High School	\$1,166,200
	- Classroom casework	Fridley Middle School	\$1,113,000
	- Repurpose/remodel space for instructional learning spaces	<u>Fridley Community Center</u>	<u>\$110,600</u>
		Total Cost	\$3,353,500
HVAC	- Replace remaining pneumatics	Hayes Elementary	\$173,200
	- Replace air handler units	Stevenson Elementary	\$260,600
	- Complete dehumidification of building	Fridley High School	\$1,124,800
	- Maintenance and repair needs	<u>Fridley Middle School</u>	<u>\$949,300</u>
		Total Cost	\$2,507,900
Nutritional Services	- Modifications to serving lines	Hayes Elementary	\$226,800
	- Replacement of equipment	Stevenson Elementary	\$236,700
	- Alterations to original kitchens	Fridley High School	\$1,197,100
		<u>Fridley Middle School</u>	<u>\$361,300</u>
		Total Cost	\$2,021,900

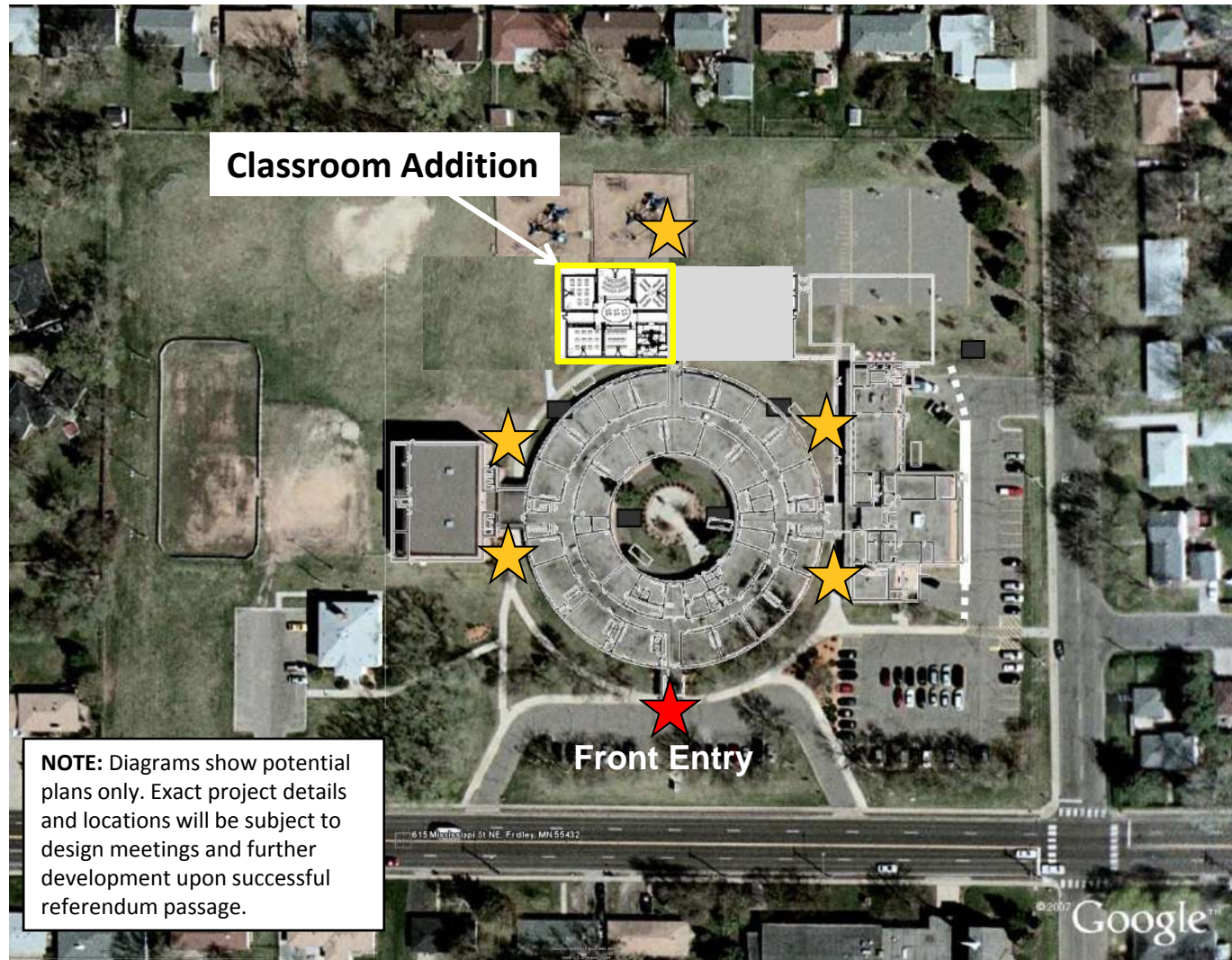
Appendix C

Project Description	Scope/Need	Location	Estimated Project Cost
Gyms floors and bleachers	<ul style="list-style-type: none">- Replace original gym floors- Replacement of original bleachers	Fridley High School	\$724,200
		<u>Fridley Middle School</u>	<u>\$377,900</u>
		Total Cost	\$1,102,100
Sites	<ul style="list-style-type: none">- Provide adequate guest parking- Alterations to improve bus safety- Parking lot maintenance- Revise and rebuild irrigation system	Hayes Elementary	\$40,400
		Stevenson Elementary	\$42,200
		Fridley High School	\$316,800
		<u>Fridley Middle School</u>	<u>\$122,900</u>
		Total Cost	\$522,300
Install Fire Suppression System - per Fire Marshal *	<ul style="list-style-type: none">- Bring water mains to building- Install Fire sprinkling system	Fridley High School	\$1,512,200
		<u>Fridley Middle School</u>	<u>\$1,072,800</u>
		Total Cost	\$2,585,000
Auditorium House Update	<ul style="list-style-type: none">- ADA compliance- HVAC update- Deferred maintenance needs<ul style="list-style-type: none">- Replacement of original seating- Lighting and sound system updates	Fridley High School	\$1,571,700
Classroom Addition	<ul style="list-style-type: none">- Five new elementary classrooms	Hayes Elementary	\$2,057,800
		<u>Stevenson Elementary</u>	<u>\$2,066,100</u>
		Total Cost	\$4,123,900
Technology Infrastructure	<ul style="list-style-type: none">- Wireless Infrastructure- Replace and update cabling- Update network backup systems- Update library infrstructure to provide personalized learning opportunities	Hayes Elementary	\$100,000
		Stevenson Elementary	\$100,000
		Fridley High School	\$350,000
		Fridley Middle School	\$250,000
		<u>Fridley Community Center</u>	<u>\$75,000</u>
		Total Cost	\$875,000
Total Projected Project Costs			\$27,437,479

* The districts current plan is to include the Fire Marshal orders for fire sprinkling the High School and Middle School in the proposed bond issue. If funds are insufficient to fund the identified projects the District will access revenue authority allowed through M.S. § 123B.59 to fund the fire sprinkling projects.

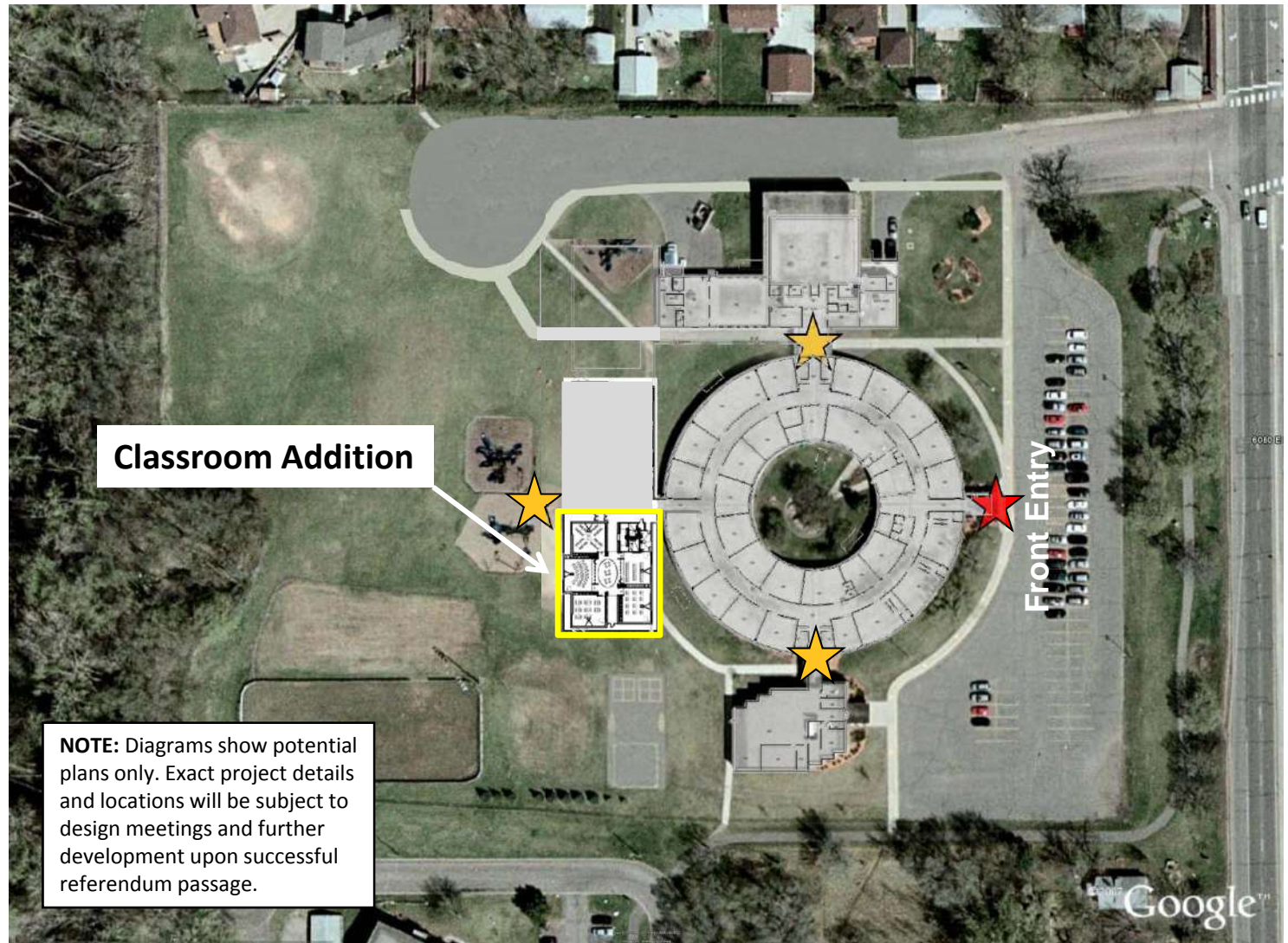
Hayes Elementary

Fridley
ISD #14



R.L. Stevenson Elementary

Fridley
ISD #14



Fridley
ISD #14

The floor plan shows the main entry area. A red star is placed on the left side of the main entry, with a black arrow pointing to it. A yellow highlighted area is located on the right side of the main entry. The plan includes labels for various rooms and areas: A3, A3A, A2, A2A/E, A1A/E, A1, 104A, 106, 104 CAFETERIA, 106 KITCHEN, FREEZER COOL, MECH, DISHROOM, and A. The number 17 is also visible in the bottom right corner.

ATS&R

Fridley High School

Fridley
ISD #14



NOTE: Diagrams show potential plans only. Exact project details and locations will be subject to design meetings and further development upon successful referendum passage.

Add Adequate Parking
at Main Entry

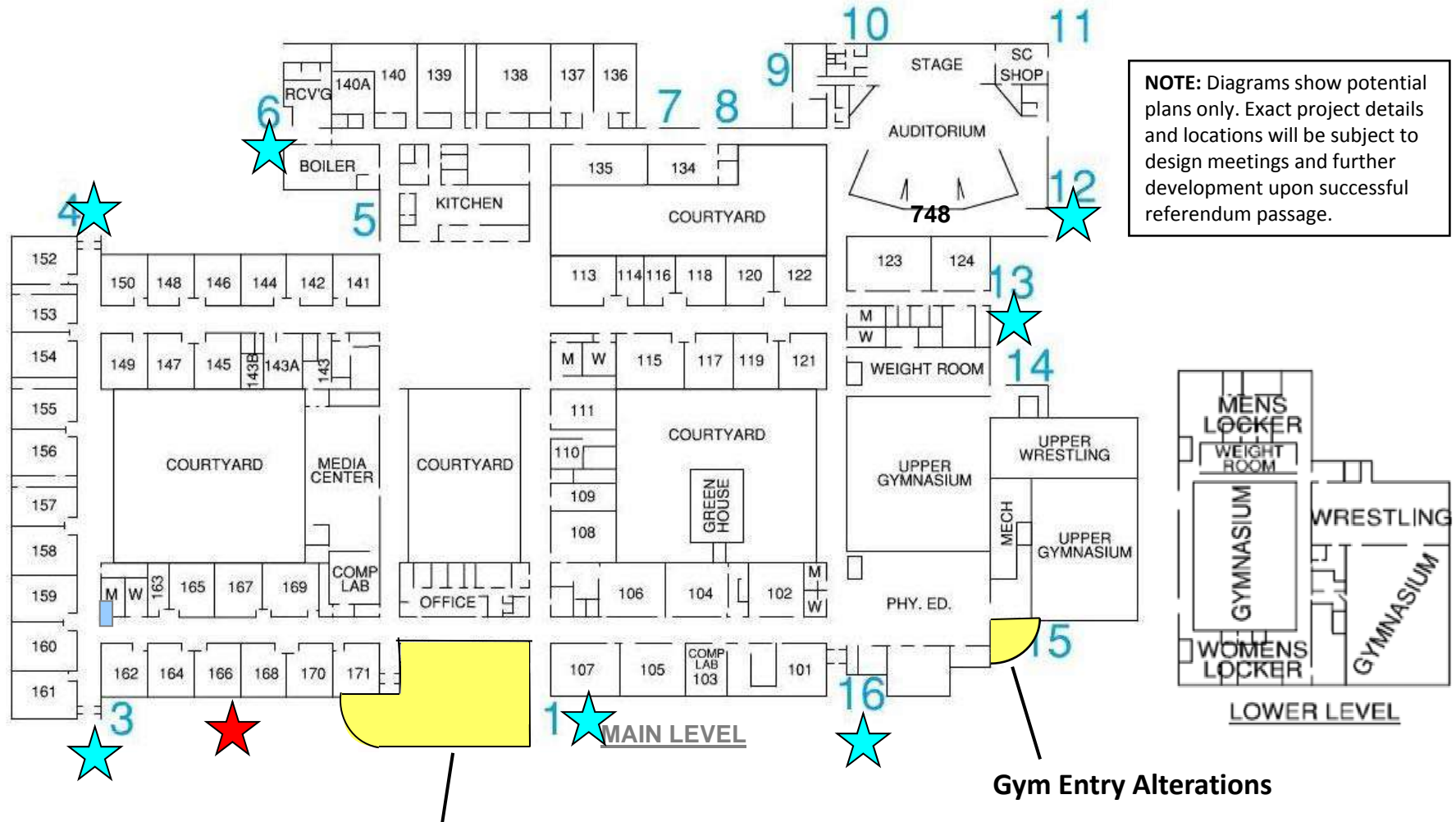
Site Plan

May 19, 2015



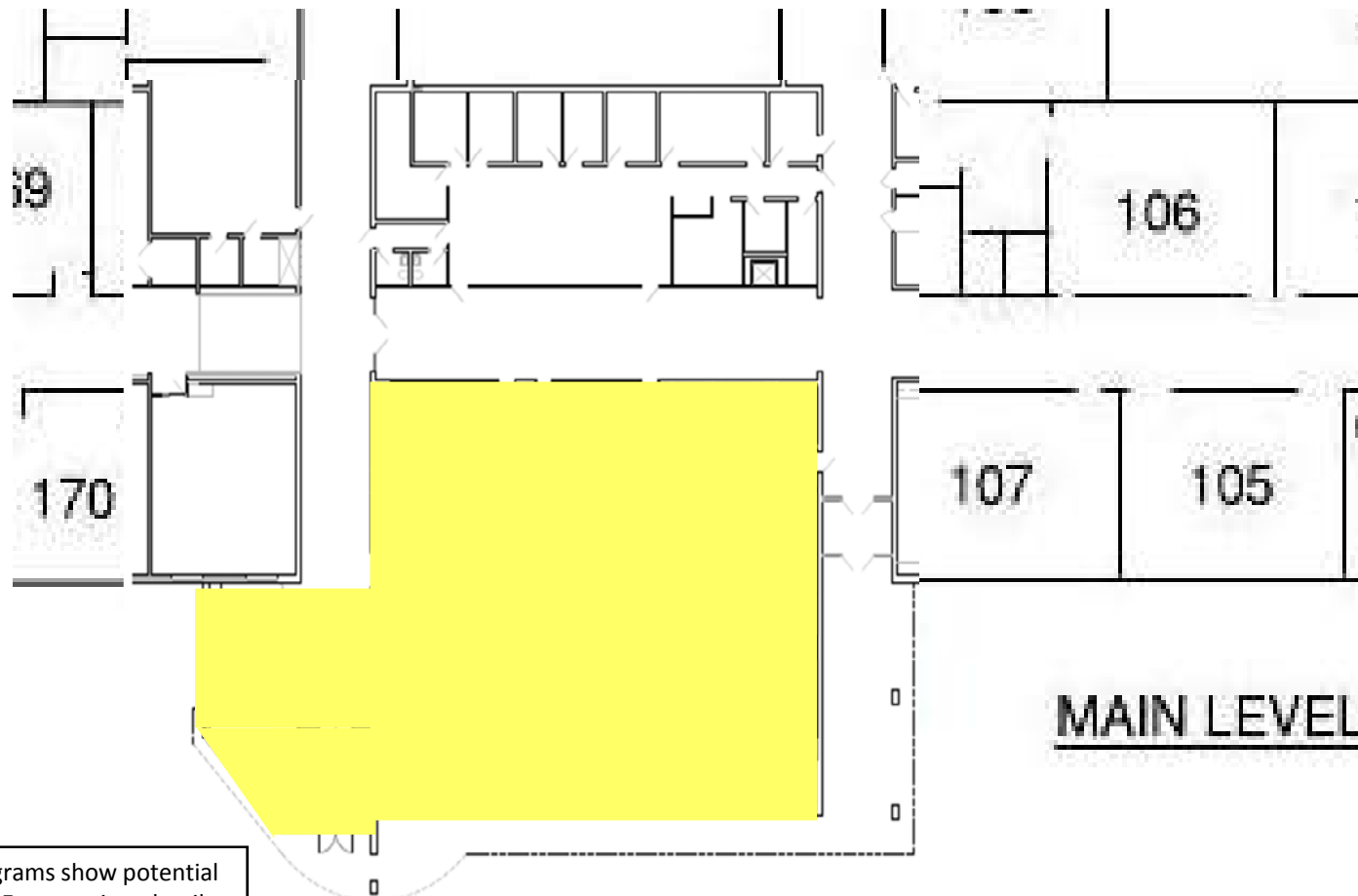
Fridley High School

Fridley ISD #14



Fridley High School

Fridley
ISD #14



NOTE: Diagrams show potential plans only. Exact project details and locations will be subject to design meetings and further development upon successful referendum passage.



Secure Main Entry Enlarged Plan

ATS&R

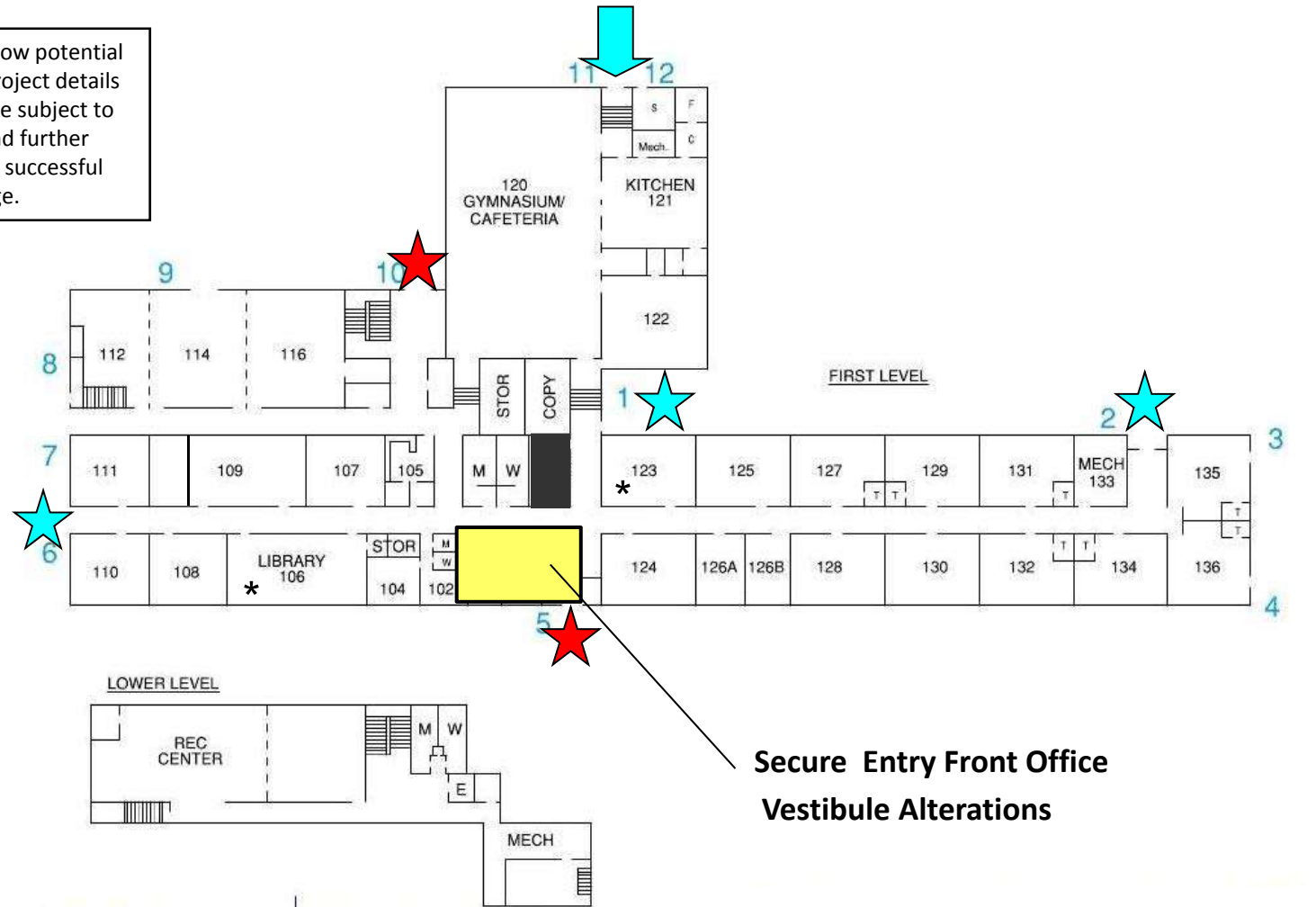
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May 19, 2015

Fridley Community Center

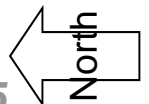
Fridley
ISD #14

NOTE: Diagrams show potential plans only. Exact project details and locations will be subject to design meetings and further development upon successful referendum passage.



Main Floor

May 19, 2015



For Review and Comment

Fridley School District No. 14

Sources and Uses of Funds for General Obligation Bonds

June 24, 2015

Bond Issue Amount	\$27,500,000
Number of Years	19
Sources of Funds	
Par Amount of Bonds	\$27,500,000
Estimated Investment Earnings*	34,254
Total Sources	\$27,534,254
Uses of Funds	
Allowance for Discount Bidding	\$0
Legal and Fiscal Costs#	96,775
Net Available for Project Costs	27,437,479
Total Uses	\$27,534,254

* Estimated investment earnings are based on an average interest rate of 0.25% and an average life of 6 months for investments.

Includes fees for financial advisor, bond counsel, rating agency, paying agent and county certificates.

For Review and Comment

Fridley School District No. 14
Analysis of Possible Structure for Capital and Debt Levies

\$27,500,000 Building Program
November 2015 Election
19 Years- Wrap Around

Principal Amount:	\$27,500,000
Dated Date:	2/1/2016
Avg. Interest Rate:	3.65%

June 24, 2015

Levy Pay. Year		Tax Capacity Value* (\$000s)		Existing Commitments										Proposed New Debt				Combined Totals											
				Building Bonds	AF Bonds	OPEB Bonds	Est. Debt Excess+	Lease Levy	Old Formula Levies***	State Debt Aid	LTFM Revenue#	LTFM Aid	Net Levy	Tax Rate	Principal	Interest	Est. Debt Excess+	Initial Debt Levy**	Initial Debt Levy**	Est. Debt Excess+	State Debt Aid	AF Bonds	OPEB Bonds	Lease Levy	Old Formula Levies***	LTFM Revenue#	LTFM Aid	Net Levy	Tax Rate
2014	2015	9,166	-3.8%	1,097,355	1,769,539	592,334	(119,832)	276,876	326,925	(12,338)	-	3,930,859	42.88	-	-	-	-	1,097,355	(119,832)	(12,338)	1,769,539	592,334	276,876	326,925	-	-	3,930,859	42.88	
2015	2016	10,375	13.2%	1,101,555	1,911,499	590,234	(96,290)	276,876	241,199	-	-	4,025,073	38.79	-	-	-	-	1,101,555	(96,290)	-	1,911,499	590,234	276,876	241,199	-	-	4,025,073	38.79	
2016	2017	10,583	2.0%	1,110,218	1,989,724	592,596	(67,154)	276,876	-	115,000	(320,431)	3,696,829	34.93	-	1,003,750	-	1,053,938	2,164,156	(67,154)	-	1,989,724	592,596	276,876	-	115,000	(320,431)	4,750,767	44.89	
2017	2018	10,794	2.0%	1,117,935	2,066,899	588,659	(147,702)	276,876	-	374,000	(484,796)	3,791,871	35.13	-	1,003,750	-	1,053,938	2,171,873	(147,702)	-	2,066,899	588,659	276,876	-	374,000	(484,796)	4,845,809	44.89	
2018	2019	11,010	2.0%	1,129,958	2,160,139	589,184	(150,940)	276,876	-	350,000	(630,899)	3,724,318	33.83	155,000	1,003,750	-	1,216,688	2,346,646	(150,940)	-	2,160,139	589,184	276,876	-	350,000	(630,899)	4,941,005	44.88	
2019	2020	11,010	0.0%	1,142,768	2,247,709	593,909	(155,171)	276,876	-	350,000	(640,984)	3,815,107	34.65	115,000	998,093	(48,668)	1,120,080	2,311,515	(203,839)	-	2,247,709	593,909	276,876	-	350,000	(640,984)	4,935,187	44.82	
2020	2021	11,010	0.0%	1,148,438	2,240,359	591,386	(159,375)	276,876	-	350,000	(640,984)	3,806,700	34.57	125,000	993,895	(44,803)	1,130,037	2,323,278	(204,179)	-	2,240,359	591,386	276,876	-	350,000	(640,984)	4,936,736	44.84	
2021	2022	11,010	0.0%	1,162,928	2,228,973	592,554	(159,207)	276,876	-	350,000	(640,984)	3,811,140	34.61	125,000	989,333	(45,201)	1,124,848	2,332,977	(204,409)	-	2,228,973	592,554	276,876	-	350,000	(640,984)	4,935,988	44.83	
2022	2023	11,010	0.0%	1,180,095	2,215,421	591,714	(159,378)	276,876	-	350,000	(640,984)	3,813,744	34.64	130,000	984,770	(44,994)	1,125,515	2,350,604	(204,372)	-	2,215,421	591,714	276,876	-	350,000	(640,984)	4,939,259	44.86	
2023	2024	11,010	0.0%	1,190,595	2,204,954	594,051	(159,489)	276,876	-	350,000	(640,984)	3,816,003	34.66	130,000	980,025	(45,021)	1,120,506	2,356,121	(204,510)	-	2,204,954	594,051	276,876	-	350,000	(640,984)	4,936,509	44.84	
2024	2025	11,010	0.0%	1,184,085	2,210,965	-	(159,584)	276,876	-	350,000	(640,984)	3,221,358	29.26	700,000	975,280	(44,820)	1,714,224	2,943,129	(204,404)	-	2,210,965	-	276,876	-	350,000	(640,984)	4,935,582	44.83	
2025	2026	11,010	0.0%	1,108,538	2,287,130	-	(135,802)	276,876	-	350,000	(640,984)	3,245,758	29.48	725,000	949,730	(68,569)	1,689,898	2,867,005	(204,371)	-	2,287,130	-	276,876	-	350,000	(640,984)	4,935,656	44.83	
2026	2027	11,010	0.0%	-	3,254,573	-	(135,827)	276,876	-	350,000	(640,984)	3,104,638	28.20	885,000	923,268	(67,596)	1,831,085	1,898,681	(203,423)	-	3,254,573	-	276,876	-	350,000	(640,984)	4,935,723	44.83	
2027	2028	11,010	0.0%	-	3,128,902	-	(130,183)	276,876	-	350,000	(640,984)	2,984,611	27.11	1,040,000	890,965	(73,243)	1,954,270	2,027,513	(203,426)	-	3,128,902	-	276,876	-	350,000	(640,984)	4,938,881	44.86	
2028	2029	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	3,030,000	853,005	(203,327)	3,873,828	4,077,155	(203,327)	-	-	-	-	-	350,000	(183,086)	4,040,742	36.70	
2029	2030	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	3,095,000	742,410	(154,953)	3,874,327	4,029,281	(154,953)	-	-	-	-	-	350,000	(183,086)	4,041,241	36.70	
2030	2031	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	3,205,000	629,443	(154,973)	3,871,192	4,026,165	(154,973)	-	-	-	-	-	350,000	(183,086)	4,038,105	36.68	
2031	2032	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	3,325,000	512,460	(154,848)	3,874,485	4,029,333	(154,848)	-	-	-	-	-	350,000	(183,086)	4,041,399	36.71	
2032	2033	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	3,445,000	391,098	(154,979)	3,872,923	4,027,902	(154,979)	-	-	-	-	-	350,000	(183,086)	4,039,837	36.69	
2033	2034	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	3,570,000	265,355	(154,917)	3,872,206	4,027,123	(154,917)	-	-	-	-	-	350,000	(183,086)	4,039,120	36.68	
2034	2035	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	3,700,000	135,050	(154,888)	3,871,914	4,026,803	(154,888)	-	-	-	-	-	350,000	(183,086)	4,038,828	36.68	
2035	2036	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2036	2037	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2037	2038	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2038	2039	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2039	2040	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2040	2041	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2041	2042	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2042	2043	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2043	2044	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
2044	2045	11,010	0.0%	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	-	-	-	-	-	-	-	-	-	-	-	350,000	(183,086)	166,914	1.52	
Totals				13,674,468	31,916,786	5,916,621	(1,935,934)	3,876,264	568,124	(12,338)	9,939,000	(10,317,446)	53,625,545	27,500,000	15,225,428	(1,615,800)	43,245,898	58,536,167	(3,551,735)	(12,338)	31,916,786	5,916,621	3,876,264	568,124	9,939,000	(10,317,446)	96,871,444		

* The tax capacity values for taxes payable in 2014 and 2015 are the final values. Estimates for later years are based on annual percentage changes shown above.

** Initial debt service levies are set at 105 percent of the principal and interest payments during the next fiscal year.

*** For taxes payable in 2015, Old Formula Levies include the district's levies for health and safety and deferred maintenance.

LTFM revenue is the amount in addition to the debt service on the district's alternative facilities bonds.

+ Debt excess adjustments for taxes payable in 2014 and 2015 are the actual amounts. Debt excess adjustment for taxes payable in 2016 has been calculated based on the June 30, 2014 audited fund balances. For taxes payable 2017 and beyond, estimates are based on 4% of the prior year's initial debt service levy.

PRELIMINARY INFORMATION - FOR DISCUSSION ONLY

Fridley School District No. 14

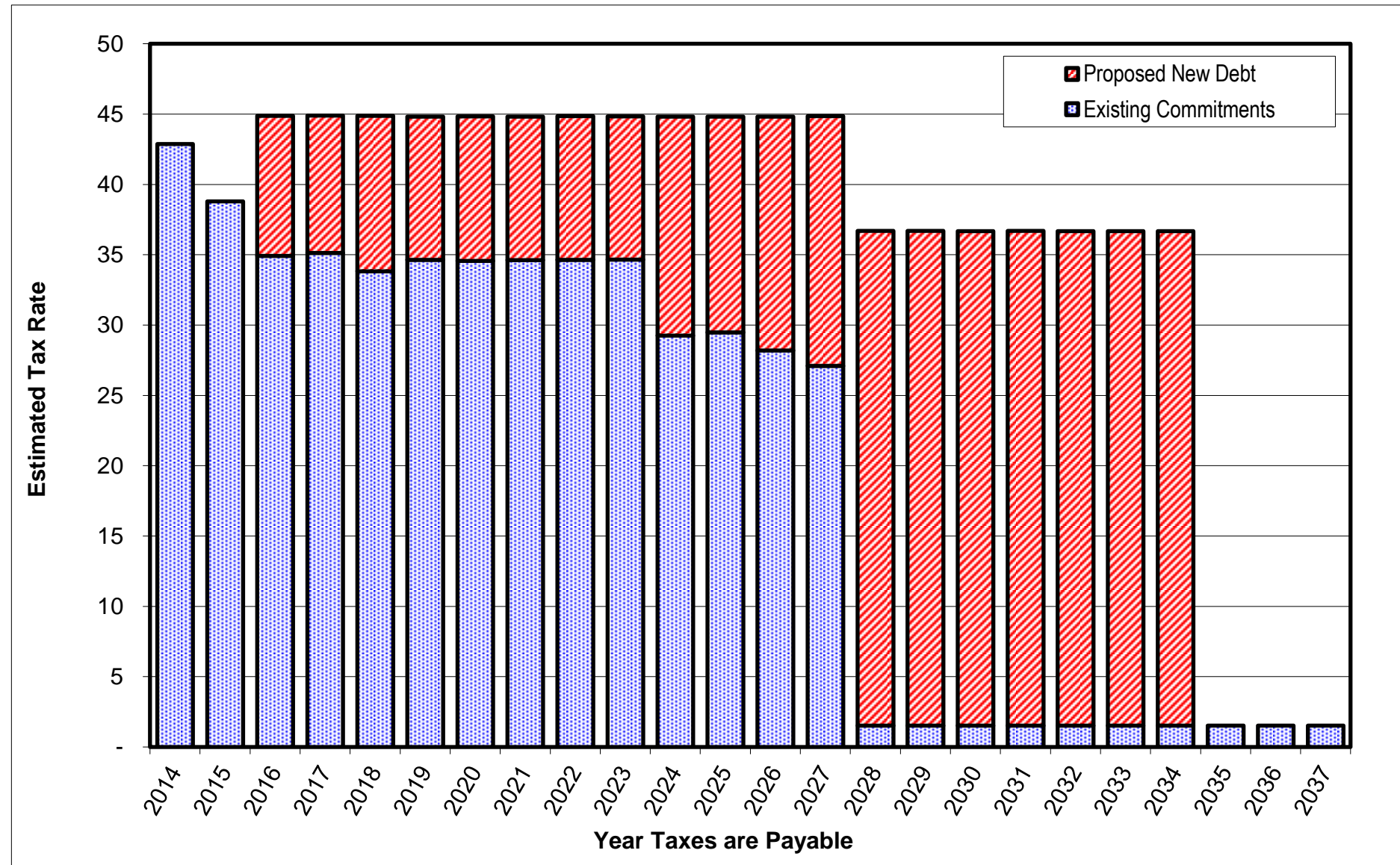
Estimated Tax Rates for Capital and Debt Service Levies

Existing Commitments and Proposed New Debt

\$27,500,000 Building Program**November 2015 Election****19 Years- Wrap Around**

Date Prepared:

June 24, 2015



For Review and Comment

Fridley School District No. 14**Analysis of Tax Impact for Possible Bond Issue****Wrapped Around Existing Debt with Step-Down After 12 Years**

June 24, 2015

Bond Issue Amount	\$27,500,000
Number of Years	19
Estimated Tax Capacity Rate:	
Taxes Payable 2015	38.79%
Taxes Payable 2016	<u>44.89%</u>
Estimated Increase in Tax Capacity Rate	6.10%

Type of Property	Estimated Market Value	Estimated Increase in Taxes
Residential Homestead	\$50,000	\$18
	75,000	27
	100,000	44
	140,000	70
	150,000	77
	200,000	110
	250,000	144
	300,000	177
	400,000	243
	500,000	305
	600,000	381
	700,000	458
	800,000	534
	1,000,000	686
Commercial/ Industrial+	\$100,000	\$63
	250,000	177
	500,000	386
	750,000	595
	1,000,000	804
Apartments	\$200,000	\$153
	400,000	305
	600,000	458
	800,000	610
	1,000,000	763

* The figures in the table are based on school district taxes for bonded debt only, and do not include tax levies for other purposes. Tax increases shown above are gross increases, not including the impact of the state Property Tax Refund ("Circuit Breaker") program. Many owners of homestead property will qualify for a refund, based on their income and total property taxes. This will decrease the net effect of the proposed bond issue for many property owners.

+ For commercial-industrial property, the estimates above are for property in the City of Fridley. The tax impact for commercial-industrial property in other municipalities in the school district may be slightly different, due to the varying impact of the Twin Cities Fiscal Disparities program.