



PLANNING for OUR FUTURE

**Master Facility Planning Update
School Board Meeting
May 26, 2016**

Master Facilities Committee Overview

- ❖ Reflection of Committee Work
- ❖ Review of District Wide Facility Issues
- ❖ Identified District Wide Facility Improvement
Priorities
- ❖ Project Scope for Capital Improvements
- ❖ Program Development History – Cost Estimates

Master Facilities Committee Members

53 Members

Central Office Administrators

District Administrators

School Board Members

Teachers

Students

Parents

Residents

Community Members

Professional Partners

Reflection of Master Facilities Committee Work

- ✓ Reviewed building conditions, concerns and needs
- ✓ Assessed building conditions
- ✓ Identified priorities for facility improvements
- ✓ Reviewed financial analysis for facility improvements
- ✓ Discussed and reviewed options for facility improvements
- ✓ Toured Facilities (inside and outside of the district)
- ✓ Engaged in discussions, questions and shared comments at each MFC meeting
- ✓ Distributed meeting minutes to full committee by email
- ✓ Shared committee work on district website, at Board meetings and at community outreach meetings

Identified District Wide Facility Issues

- Overcrowded Buildings
 - Classrooms in Trailers
 - Make-Shift Classrooms
 - Lack of Instructional Storage
- Learning Environments
 - Limited Program Spaces
 - Outdated Technology
- Safety and Security
 - Lack of Secured Entrances
 - Lack of Security Cameras
 - Outdated Communication Systems
 - Site Restrictions – Traffic Flow
- Code and Compliance
 - ADA – Handicapped Accessibility
- Systems – End of Useful Life
 - Mechanical, Electrical, Plumbing

Identified by the Master Facilities Committee

District Wide Improvement Priorities:

- ❖ Capacity/Educational Effectiveness
- ❖ Safety, Security and Code Compliance
- ❖ Healthy Learning Environment
- ❖ Technology

Possible Project Scope for Construction Referendum

Estimated Tax Rate \$0.28 (per \$100) = \$185 million

Elementary – 8 Schools

Example Project Scope:

- Major renovation to 6 schools
- Brand new construction to 1 school
- Re-open 1 school as new construction
- All Buildings (8) – Secure entry and administration area
- All Buildings (8) – New fire alarm & PA system
- All Buildings (8) – ADA improvements
- Renovate academic spaces as needed (5 Buildings)
- Renovate wall and floor finishes (5 Buildings)
- Replace/upgrade mechanical, plumbing & electrical (5 Buildings)
- Create small group spaces (2 Buildings)
- Replace folding walls (2 Buildings)
- Replace roofs (2 Buildings)
- Add fire sprinkler system (2 Buildings)
- Redesign traffic pattern (2 Buildings)
- Replace exterior windows (1 Building)
- Add public restrooms (1 Building)
- Expand Cafeteria & gym (1 Building)
- Fence playground (1 Building)
- Add outdoor storage (1 Building)
- Add new control access doors – as needed

Total \$88,899,000

Middle School – 3 Schools

Example Project Scope:

- All Buildings – Secure entry and administration area
- All Buildings – New fire alarm and PA system
- All Buildings – Add fire sprinkler system
- All Buildings – Replace/upgrade mechanical plumbing & electrical
- All Buildings – Renovate wall and floor finishes
- All Buildings – Replace gym bleachers
- Add classrooms (2 Buildings)
- Expand Cafeteria (2 Buildings)
- Redesign traffic pattern (2 Buildings)
- Add ramp to gym stage (1 Building)
- Replace exterior lighting (1 Building)

Total \$62,671,000

High School – 1 School

Example Project Scope:

- Secure entry and administration area
- Improve and expand current security camera system
- Convert offices to classrooms
- Renovate Science labs
- Create second floor Learning Commons
- Renovate Information Center
- Expand Cafeteria
- Expand Dean's Office
- Replace corridor carpeting and remove wall carpet
- Replace four (4) boilers
- Demolish 1605 building and add parking
- Renovate Auditorium and Performing Arts spaces

Total \$33,430,000



PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Facility/Item	\$185,000,000 Referendum
Elementary Schools	
Allisonville	\$6,851,000
Crooked Creek	\$9,176,000
Fox Hill	\$1,280,000
Greenbriar	\$6,887,000
Harcourt Replacement	\$22,850,000
JSES/Wyandotte Replacement	\$22,850,000
Nora	\$9,424,000
Spring Mill	\$9,581,000
Middle Schools	
Eastwood	\$21,715,000
Northview	\$17,458,000
Westlane	\$23,498,000
High School Facilities	
North Central High School	\$32,231,000
JEL Career Center	\$624,000
Hilltop	\$575,000
Other Facilities	
CEC Administration Building	
Transportation Center	
Warehouse	
1605 Building	
TOTAL BUDGETED COSTS	\$185,000,000

❖ **Referendum Bonds Do Not Include Improvements for Athletic Facilities**



PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Renovations to enlarge cafeteria, serving lines and relocate gymnasium
- Renovations to add small group spaces
- Create multi-purpose labs

Safety, Security and Code Compliance

- Additions and renovations to create a secure entrance
- Add fire sprinkler system
- Upgrade fire alarm system
- Add security cameras
- Intercom system improvements
- Playground handicapped improvements
Create ramps to stage for handicapped access
- Complete fencing around exterior play areas

Healthy Learning Environment

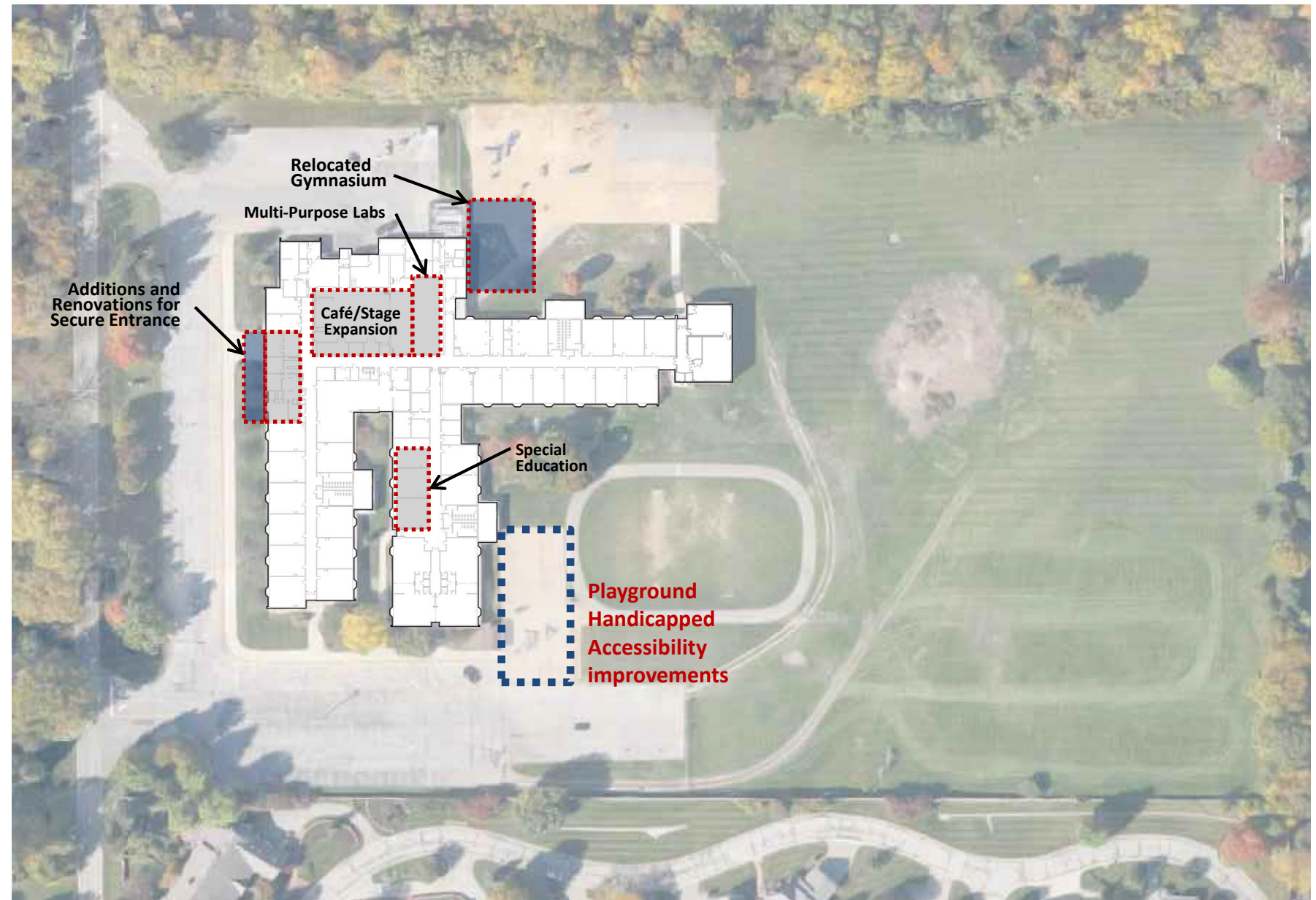
- Replace carpeting in classrooms and corridors
- Replace restroom finishes
- Remove wall coverings from classrooms and corridors, and paint walls
- Upgrade parking lot lighting

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Allisonville Elementary – Proposed Improvements

Built in 1960 – Last major renovation 1987





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to eliminate open concept classrooms
- Renovations to add small group spaces
- Renovations to improve art room
- Renovations to provide appropriate special education classrooms
- Renovate current main office area into instruction space

Safety, Security and Code Compliance

- Additions and renovations to move main office area and create a secure entrance
- Upgrade fire alarm system
- Add security cameras
- Intercom system improvements
- Playground handicapped accessibility improvements

Healthy Learning Environment

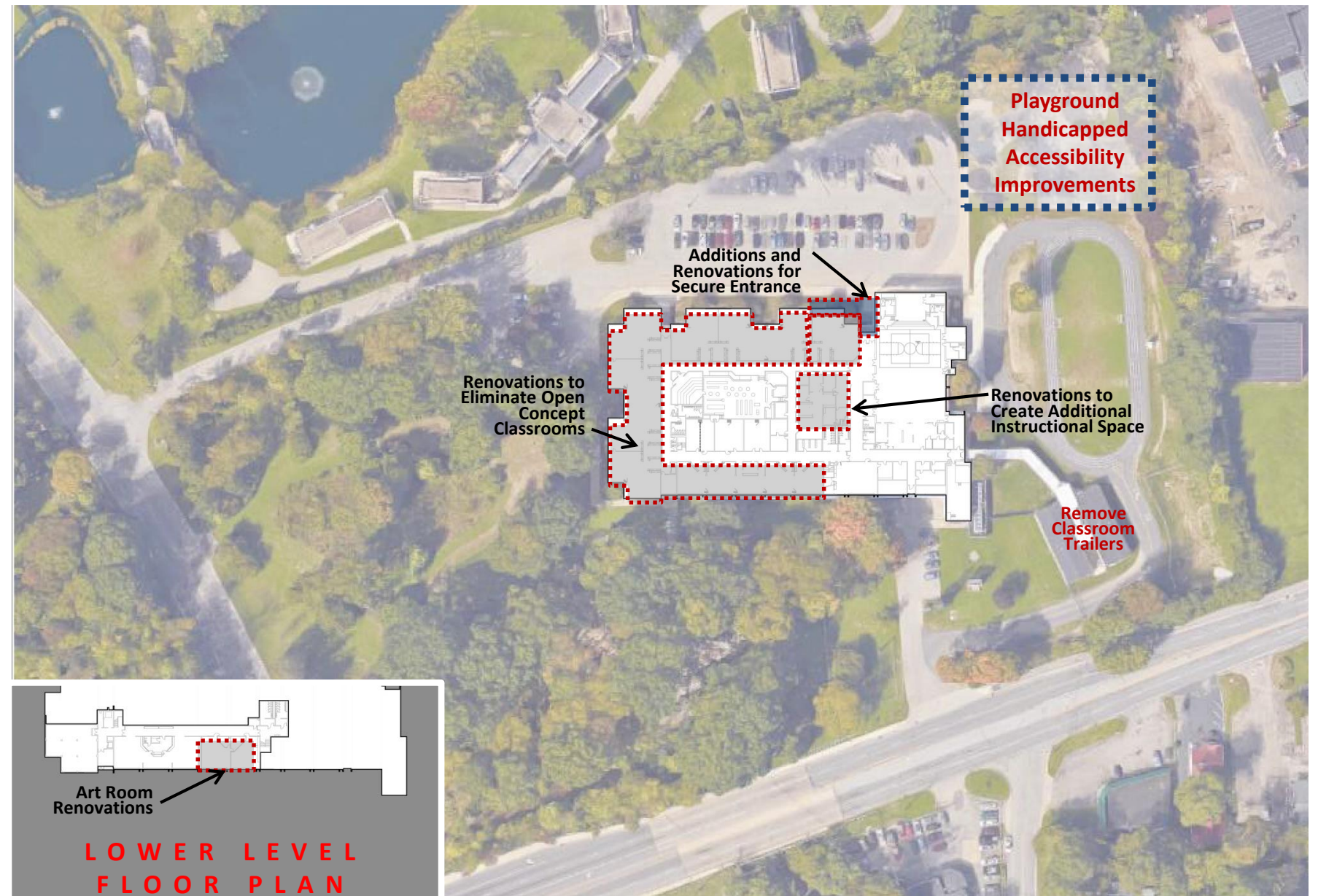
- Replace roofing system
- Replace mechanical VAV boxes and air handlers
- Major renovations to student restrooms
- Replace wall coverings and floor finishes in corridors
- Replace gymnasium and cafeteria lighting
- Upgrade parking lot lighting

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Crooked Creek Elementary – Proposed Improvements

Re-Built in 1956 – Last major renovation 1984



MAIN LEVEL FLOOR PLAN



PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms

Safety, Security and Code Compliance

- Additions and renovations to create secure entrance
- Upgrade fire alarm system
- Add security cameras
- Intercom system improvements
- Playground handicapped accessibility improvements
- Add access control to four additional exterior doors
- Complete fencing around exterior play areas

Healthy Learning Environment

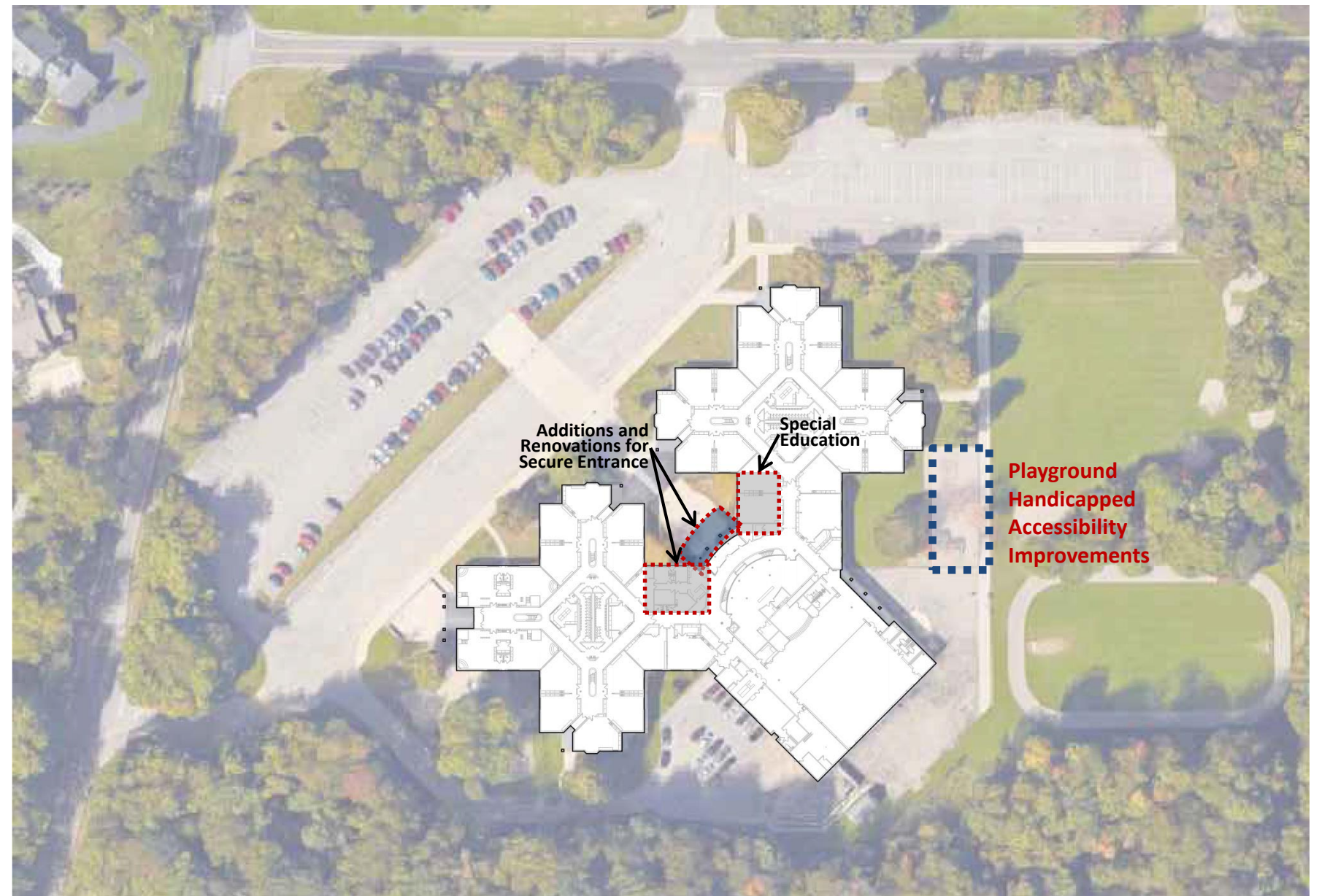
- Replace shingle roofing system and membrane roofing systems
- Replace HVAC system
- Replace interior T-12 lighting
- Upgrade parking lot lighting
- Install domestic hot water system

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Fox Hill Elementary – Proposed Improvements

Built in 1991 – No Major Renovations





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Renovations to create multi-purpose lab
- Renovations to add small group spaces

Safety, Security and Code Compliance

- Renovations and additions to move office area and create a secure entrance
- Upgrade fire alarm system
- Add security cameras
- Playground handicapped accessibility improvements
- Kitchen serving line improvements

Healthy Learning Environment

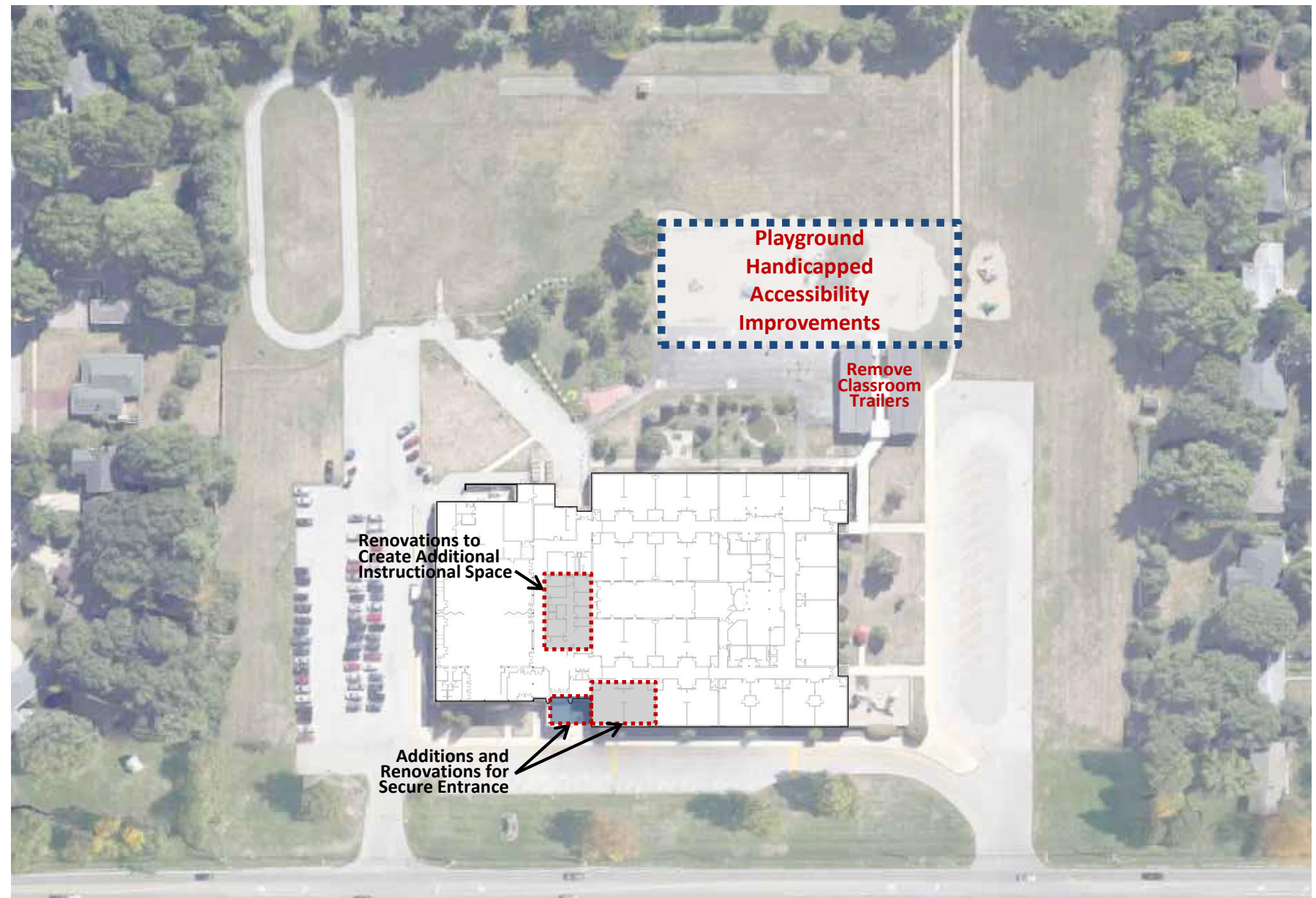
- Replace roofing system
- Replace chillers, boilers and rooftop air handlers
- Replace gym and cafeteria lighting
- Upgrade parking lot lighting
- Replace corridor wall coverings and floor finishes
- Replace flooring in instructional spaces

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Greenbriar Elementary – Proposed Improvements

Built in 1968 – Last major renovation 1995





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations and additions to create appropriate special education classroom
- Renovations to add small group spaces
- Renovations to create multi-purpose lab

Safety, Security and Code Compliance

- Redesign traffic pattern to improve site safety
- Additions and renovations to create secure entrance
- Create ramps to stage for handicapped access
- Add fire sprinkler system
- Upgrade fire alarm system
- Intercom system improvements
- Add security cameras
- Playground handicapped accessibility improvements
- Update parking lot lighting

Healthy Learning Environment

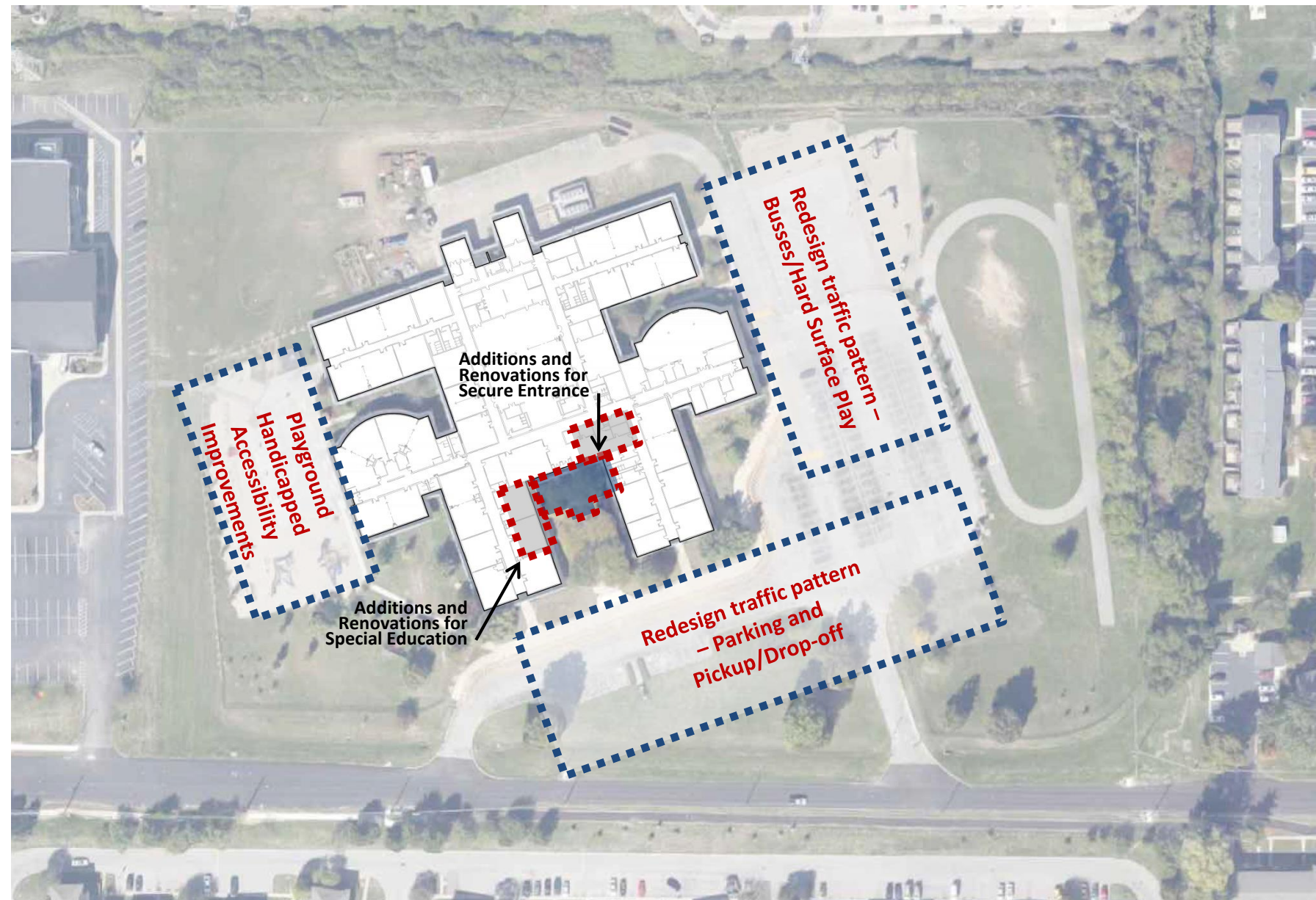
- Replace wall and floor finishes
- Replace mechanical system VAV boxes and air handlers in gymnasium
- Replace interior lighting and ceilings
- Replace plumbing fixtures
- Renovate student restrooms
- Replace exterior windows
- Replace failing operable walls between classrooms

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Nora Elementary – Proposed Improvements

Re-Built in 1966 – Last major renovation 1987





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Renovations to add small group spaces
- Renovations to create multi-purpose lab
- Renovate stage and replace sound system

Safety, Security and Code Compliance

- Site safety improvements to better separate separate busses, parking and drop-off/pick-up lanes
- Complete fencing around play areas
- Renovations to create secure entrance
- Add fire sprinkler system
- Upgrade fire alarm system
- Add security cameras
- Intercom system improvements
- Playground handicapped accessibility improvements
- Create ramps to stage for handicapped access

Healthy Learning Environment

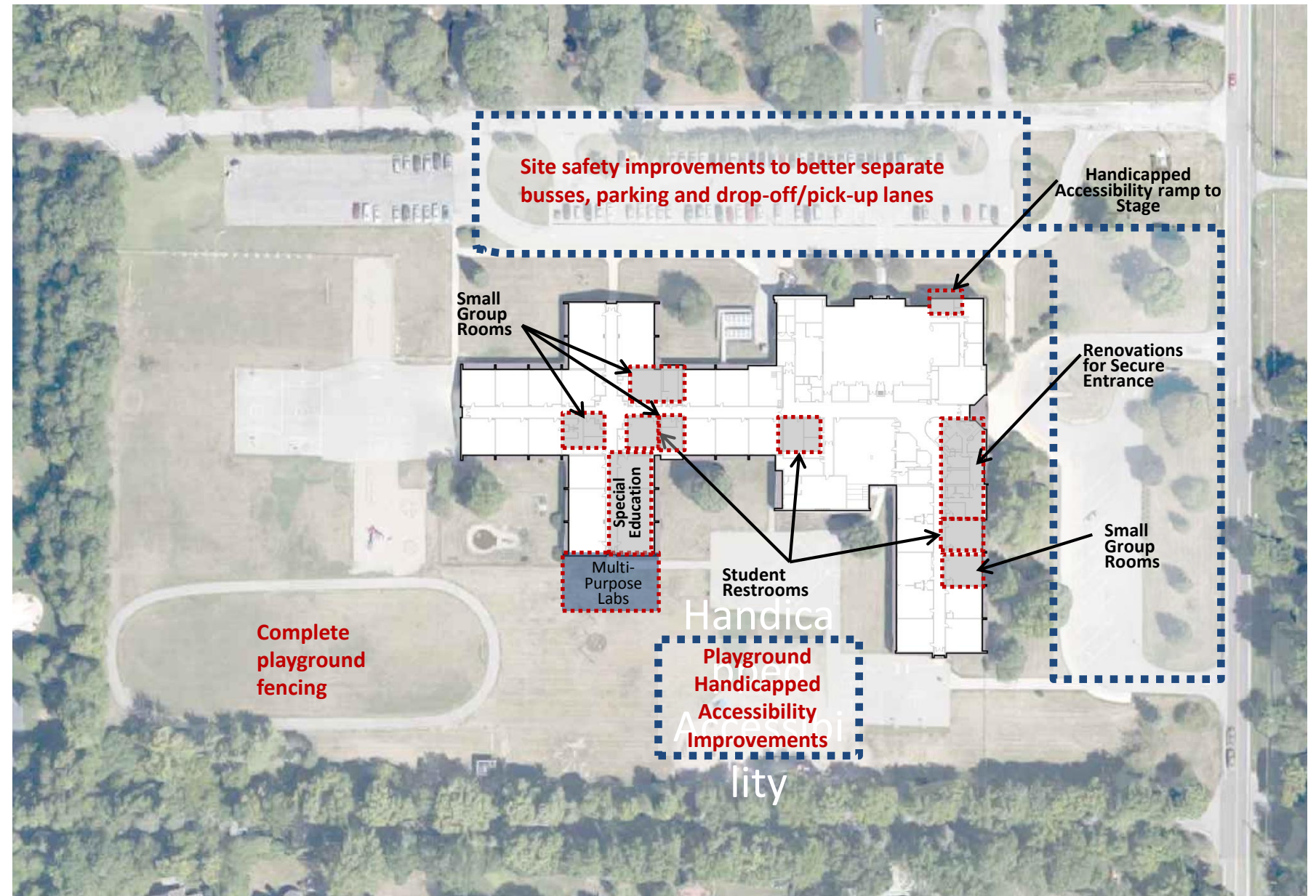
- Replace shingle roofing system and membrane roofing system
- Replace mechanical VAV boxes and air handlers
- Renovation to student restrooms/create additional student restrooms
- Replace wall coverings, floor finishes and ceilings
- Replace failing operable walls

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Spring Mill Elementary – Proposed Improvements

Built in 1959 – Last major renovation 1984





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Demolish currently closed smaller Harcourt Elementary building and replace with a new larger 725 student prototype Harcourt Elementary School building
- Reopening of Harcourt Elementary allows reduction of student populations/removal of portable classrooms at surrounding elementary schools
- New school design can better support and respond to the requirements of today's learning environment and teaching methods

Safety, Security and Code Compliance

- New building allows opportunity to have a fully code compliant, safe and secure facility, something that would have been difficult to achieve by remodeling the current building due to its structural limitations

Healthy Learning Environment

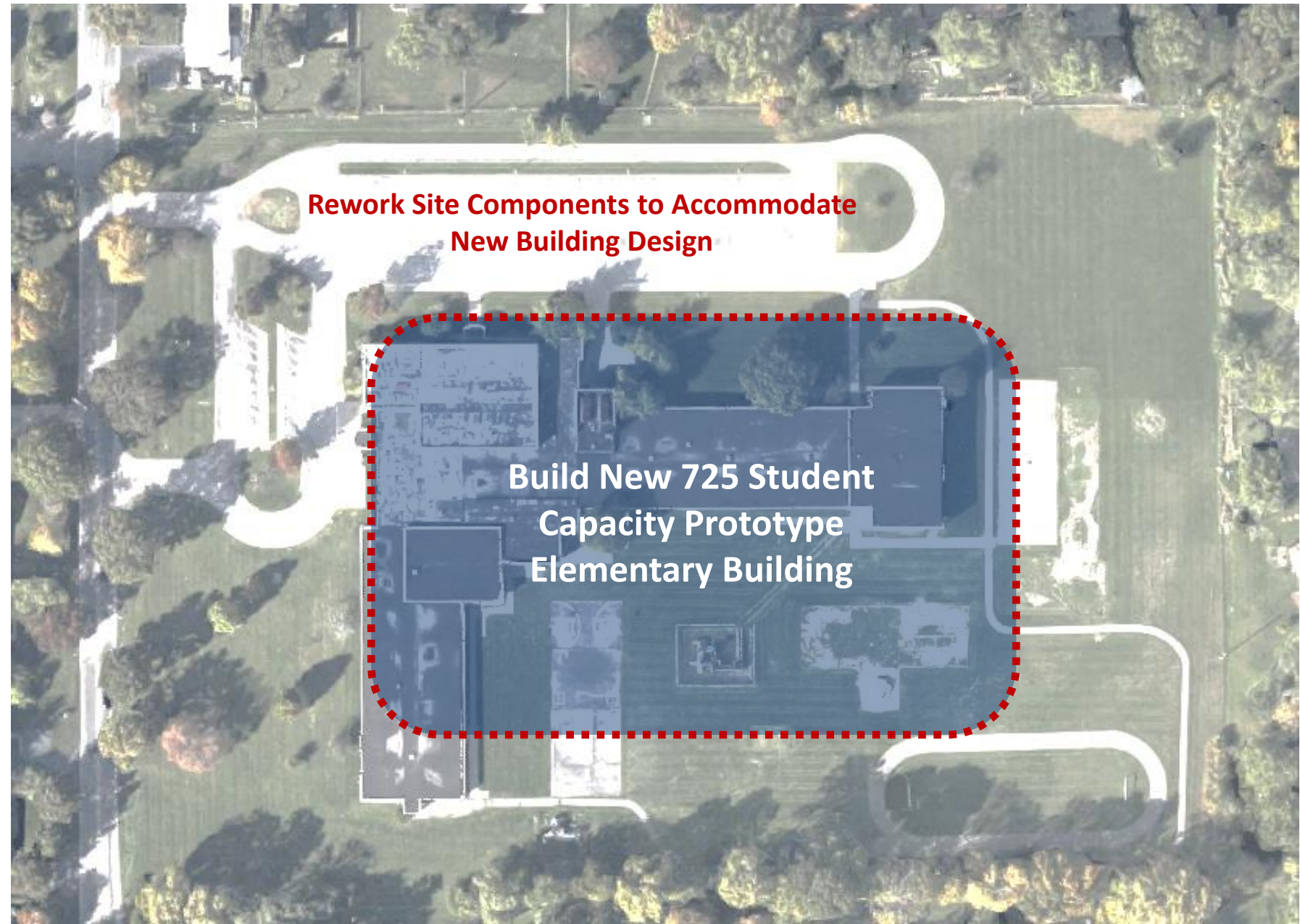
- Constructing a new building is a cost effective solution compared to renovating and resolving a multitude of difficult issues with the current structure

Technology

- Replacement facility would have new Technology infrastructure, equipment and classroom technology

Harcourt Elementary Site – Proposed New Building

Built in 1961 – Last major renovation 1986 – Closed at the end of the 2007-2008 school year





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Current Challenges

- John Strange Elementary School (JSES) is the smallest active elementary building in terms of square footage of building area and has 6 portable trailers in use
- Smallest elementary site in the district which limits the ability to correct current site circulation safety issues
- More classrooms are needed on the east side of the district. Allisonville ES is already too large, so JSES is the best option for expansion, but its extremely small site size prohibits that opportunity.
- Built in 1977 and has not had major renovations since, so is due for a costly renovation
- Original open concept classroom design with noise issues between rooms and small classroom sizes

Proposed Changes

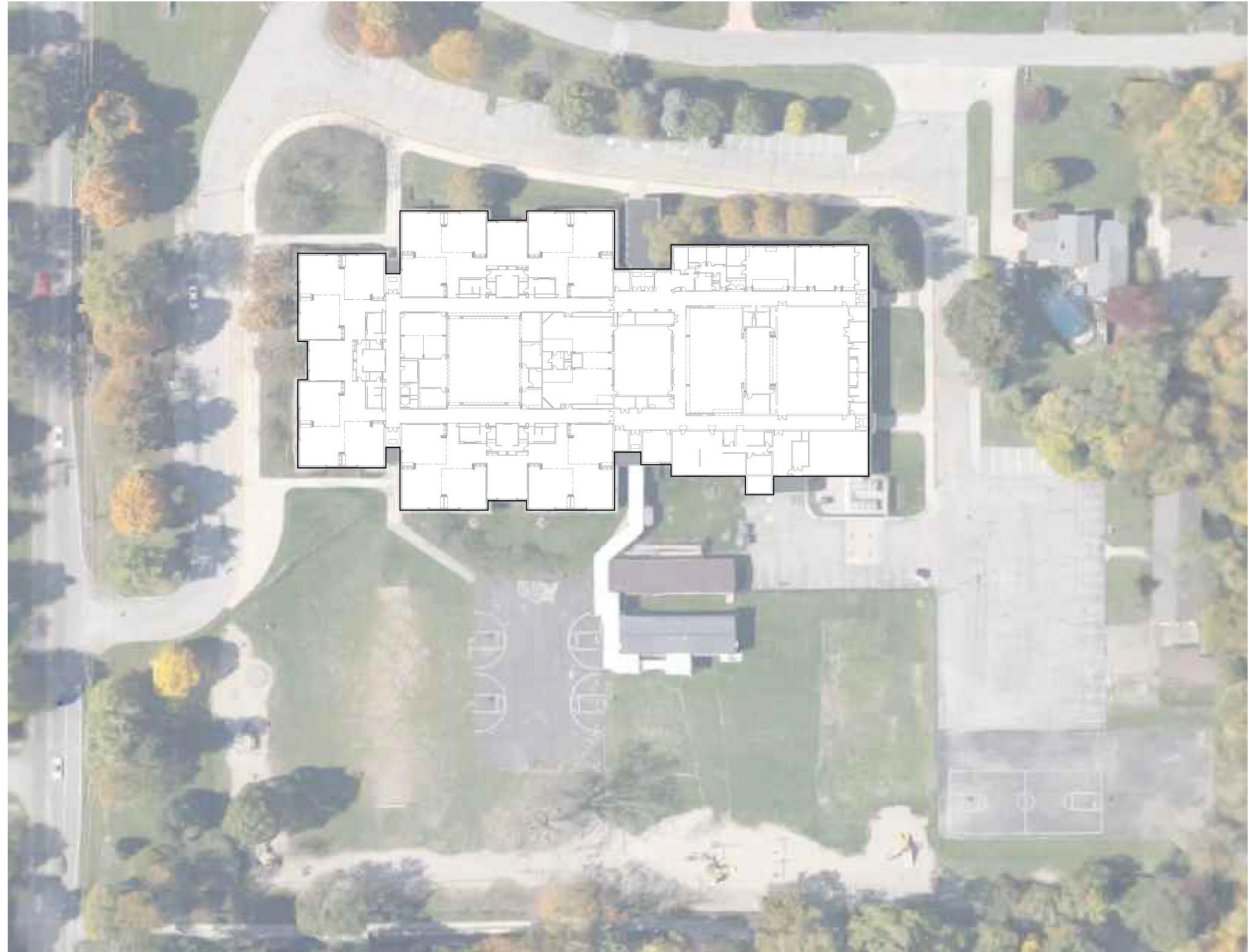
- Due to limitations and challenges noted above, it is proposed to build a new larger Elementary School building at the former Wyandotte Site and move staff and students to that facility upon its completion. This is a cost effective solution that allows a large enough building to be construction to solve capacity issues on the east side of the district for JSES and Allisonville ES

Future Changes

- The district is committed to repurposing this facility for future education purposes. Several options are currently being studied. It would be a minimum of three years before JSES could move to the new facility

John Strange Elementary – Proposed Changes

Built in 1977 – No major renovations





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Demolish currently closed small Wyandotte Elementary building and replace with a new larger 725 student prototype elementary school building.
- Move John Strange Elementary School (JSES) to this facility. Resolves multiple issues created by small JSES site that limits expansion opportunities
- Allows reduction in student population at Allisonville ES to alleviate overcrowding issues
- New school design can better support and respond to the requirements of today's learning environment and teaching methods

Safety, Security and Code Compliance

- New building allows opportunity to have a fully code compliant, safe and secure facility
- Resolves site safety and traffic flow issues at JSES cause by small site. The existing Wyandotte site is large enough to house the larger elementary design and still maintain the current athletic fields

Healthy Learning Environment

- Constructing a new building is a fast and cost effective solution compared to renovating and resolving the many facility needs at JSES and Wyandotte

Technology

- Replacement facility would have new Technology infrastructure, equipment and classroom technology

Wyandotte Elementary Site – Proposed New Building

Built in 1968 – Last major renovation 2005 in classroom wing for early childhood center – Closed at the end of the 2007-2008 school year





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Small two-story classroom addition to increase building capacity
- Performing arts addition and renovations
- Expand cafeteria and create third serving line
- Renovate media center
- Improve science labs

Safety, Security and Code Compliance

- Additions and renovations to create secure entrance
- Add fire sprinkler system
- Upgrade fire alarm system
- Intercom system improvements
- Upgrade security cameras system
- Create ramp to stage for handicapped access
- Site safety improvements

Healthy Learning Environment

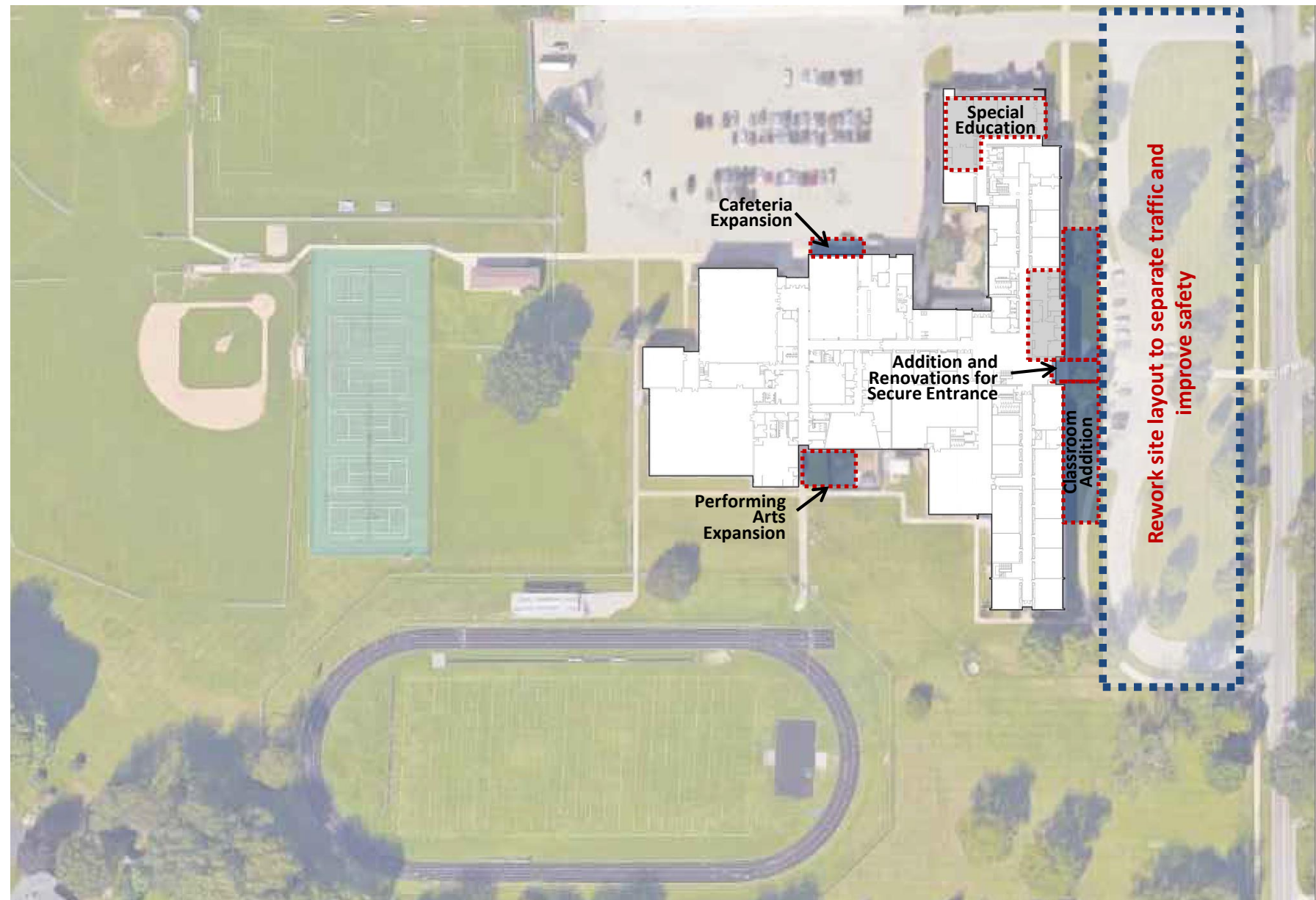
- Replace HVAC system in classroom wings
- Replace ice storage system with new chiller
- Replace domestic water piping
- Replace membrane roofing system
- Renovate restrooms
- Renovate classroom corridors and replace student lockers
- Renovate PE locker rooms
- Replace wall and floor finishes

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Eastwood Middle School – Proposed Improvements

Built in 1956 – Last major renovations 1986



MAIN LEVEL FLOOR PLAN



PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Improve science labs
- Renovate media center
- Renovate art rooms
- Renovate band area to create both band and choir room in same area

Safety, Security and Code Compliance

- Renovations to create secure entrance
- Add security cameras
- Add fire sprinkler system
- Upgrade fire alarm system
- Intercom system improvements
- Modify drives to separate cars and busses at front of school to improve site safety
- Make handicapped accessibility improvements for interior doors

Healthy Learning Environment

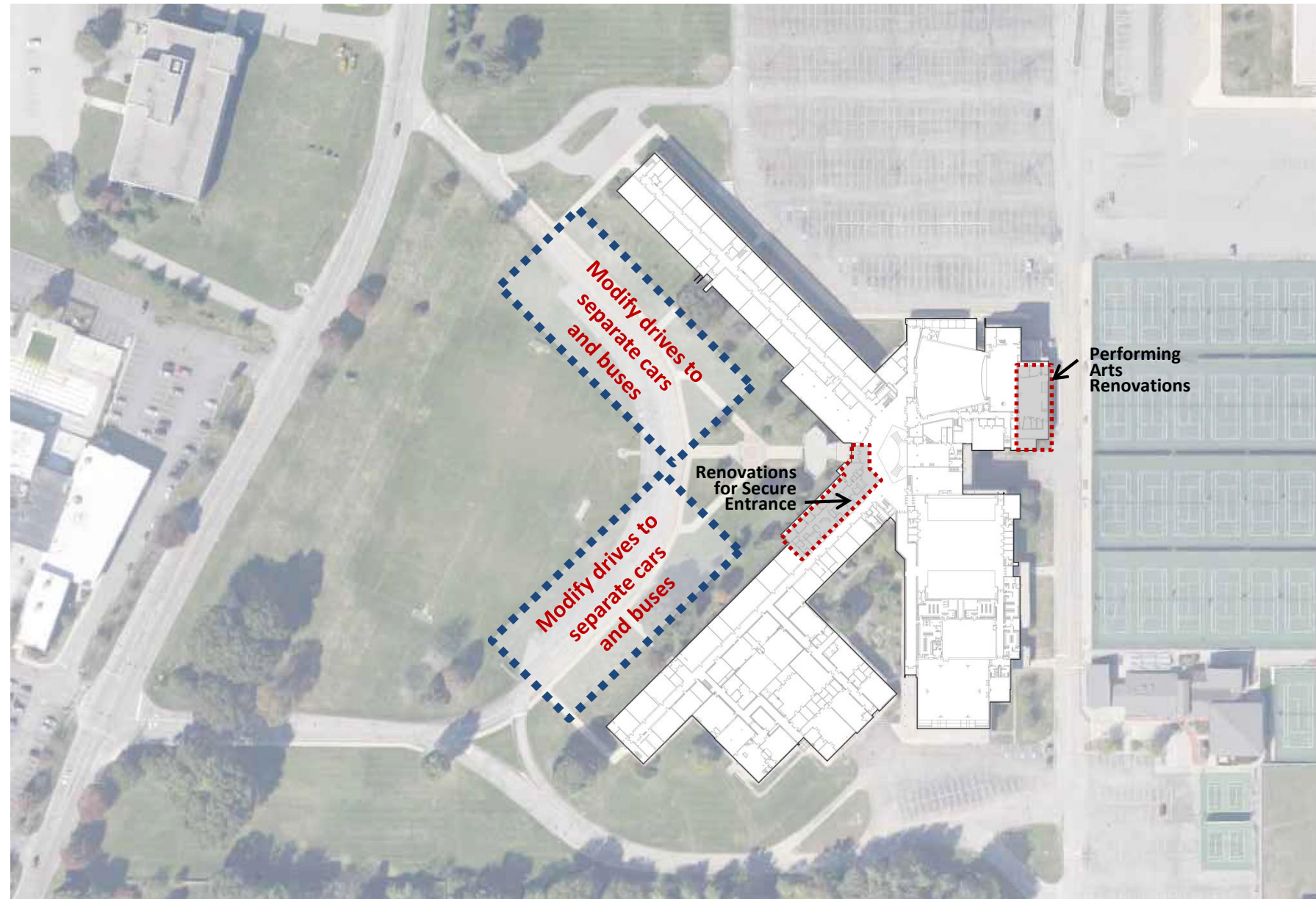
- Replace interior lighting and ceiling tiles
- Replace floor and wall finishes in instructional spaces
- Renovate classroom corridors and replace student lockers
- Renovate auditorium

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Northview Middle School – Proposed Improvements

Built in 1956 – Last major renovations 1992-1996



MAIN LEVEL FLOOR PLAN



PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Improve science labs
- Renovations to increase classroom sizes
- Addition to increase number of classrooms
- Expand cafeteria and add serving line
- Relocate and renovate media center
- Increase number of small group rooms and instructional support spaces

Safety, Security and Code Compliance

- Additions and renovations to create secure entrance
- Intercom system improvements
- Add fire sprinkler system
- Upgrade fire alarm system
- Improve security cameras
- Site safety improvements.
- Create ramp to stage for handicapped access

Healthy Learning Environment

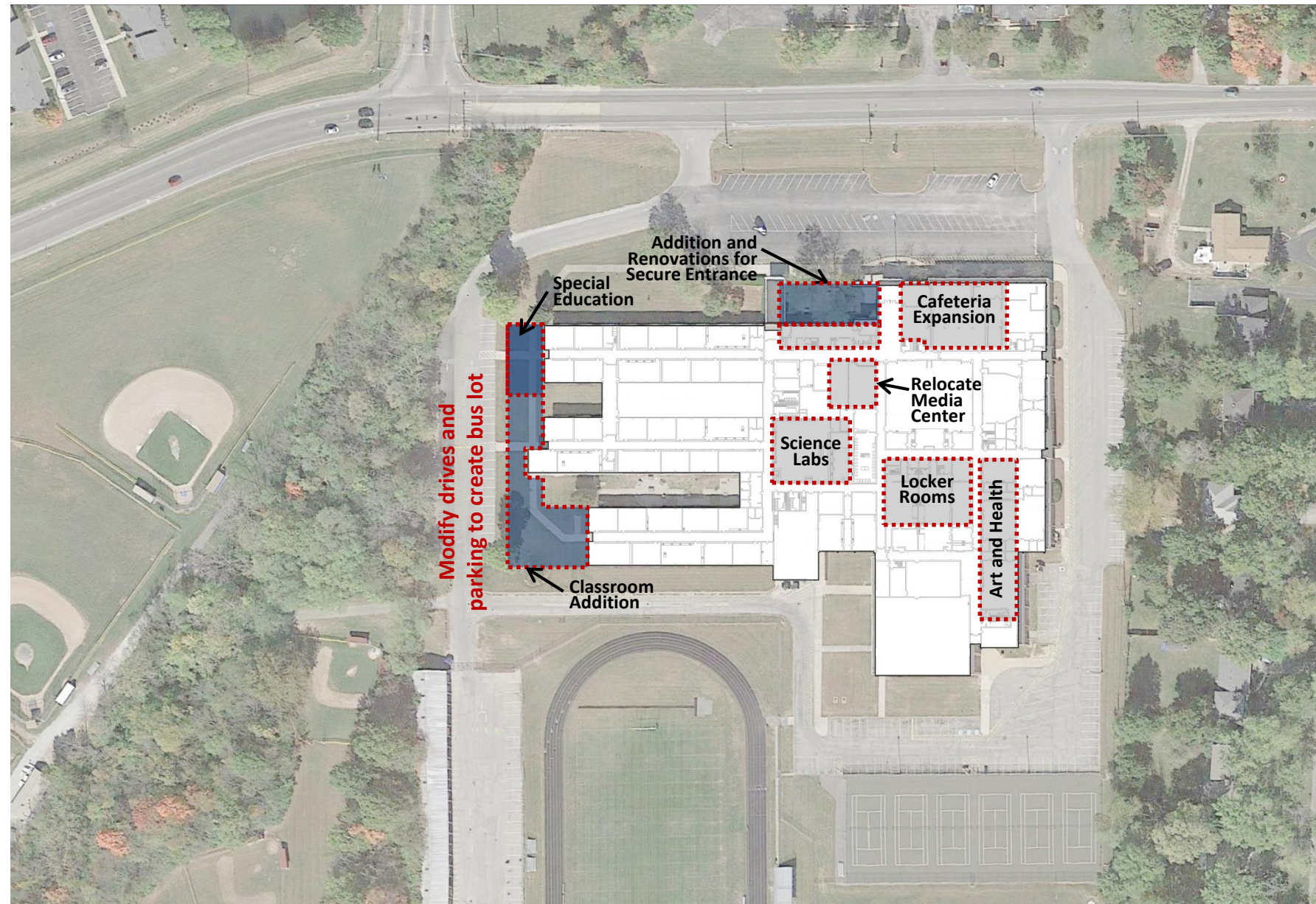
- Replace membrane roofing system on 2/3 of building
- Expand chiller plant
- Replace floor and wall finishes
- Renovate PE locker rooms
- Renovate restrooms
- Renovate formal industrial arts area into art and health classrooms
- Renovate corridors and replace lockers

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Westlane Middle School – Proposed Improvements

Built in 1956 – Last major renovations 1986





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Reduce size of departmental offices and convert extra space into instructional space
- Expansion and relocation of art and special education spaces
- Cafeteria renovation and kitchen serving lines renovations
- Performing arts additions and renovations
- Expand student services
- Update Information Center for 21st Century Learning
- Create second floor informal learning commons
- Update and reconfigure a bank of science labs

Safety, Security and Code Compliance

- Renovations to create secure entrance
- Add and improve security cameras
- Intercom system improvements

Healthy Learning Environment

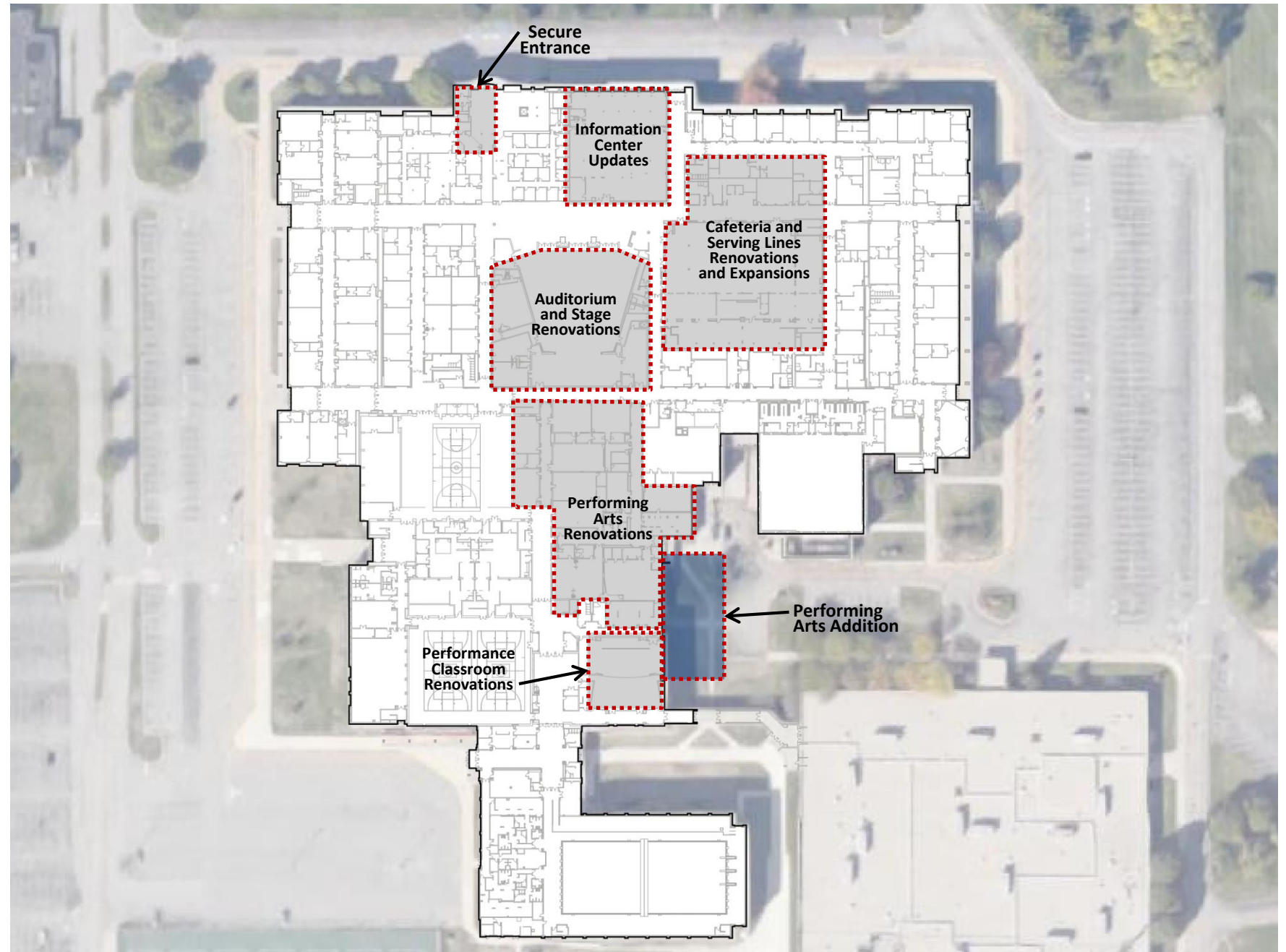
- Replace 4 old, large boilers
- Replace lighting in gyms
- Replace exterior site lighting
- Replace carpeting and wall coverings in corridors
- Renovate main auditorium and stage
- Renovate performance classroom

Technology

- Technology improvements for infrastructure, equipment and classroom technology

North Central High School – Proposed Improvements

Built in 1963 – Last major renovations 1992-1996



MAIN LEVEL FLOOR PLAN



PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Reduce size of departmental offices and convert extra space into instructional space
- Expansion and relocation of art and special education spaces
- Cafeteria renovation and kitchen serving lines renovations
- Performing arts additions and renovations
- Expand student services
- Update Information Center for 21st Century Learning
- Create second floor informal learning commons
- Update and reconfigure a bank of science labs

Safety, Security and Code Compliance

- Renovations to create secure entrance
- Add and improve security cameras
- Intercom system improvements

Healthy Learning Environment

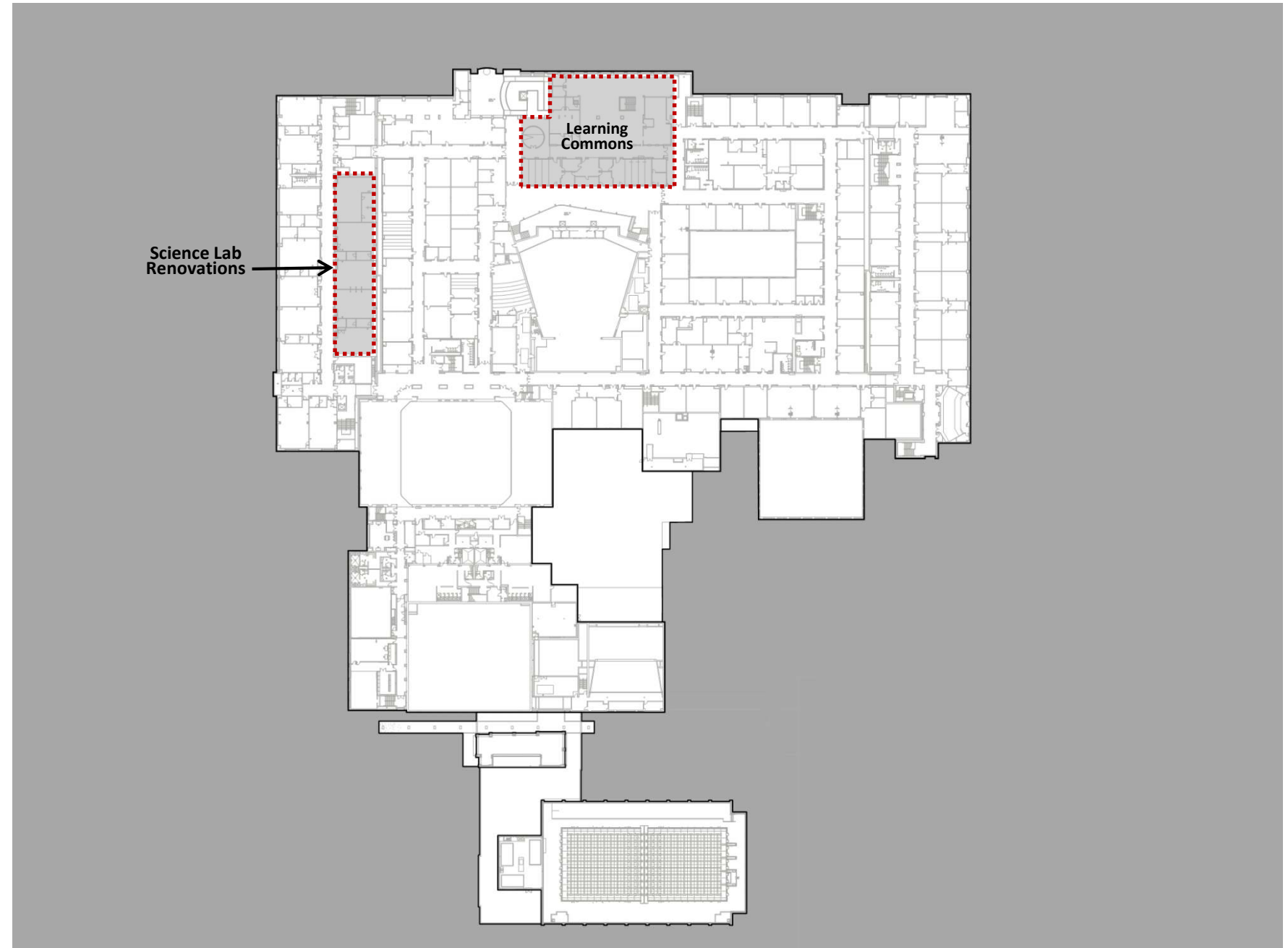
- Replace 4 old, large boilers
- Replace lighting in gyms
- Replace exterior site lighting
- Replace carpeting and wall coverings in corridors
- Renovate main auditorium and stage
- Renovate performance classroom

Technology

- Technology improvements for infrastructure, equipment and classroom technology

North Central High School – Proposed Improvements

Built in 1963 – Last major renovations 1992-1996



UPPER LEVEL FLOOR PLAN



PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Renovate locker rooms to accommodate both boys and girls
- Create new restrooms at the south end of the building

Safety, Security and Code Compliance

- Renovations to create secure entrance
- Upgrade fire alarm system
- Add fire sprinkler system
- Intercom system improvements

Healthy Learning Environment

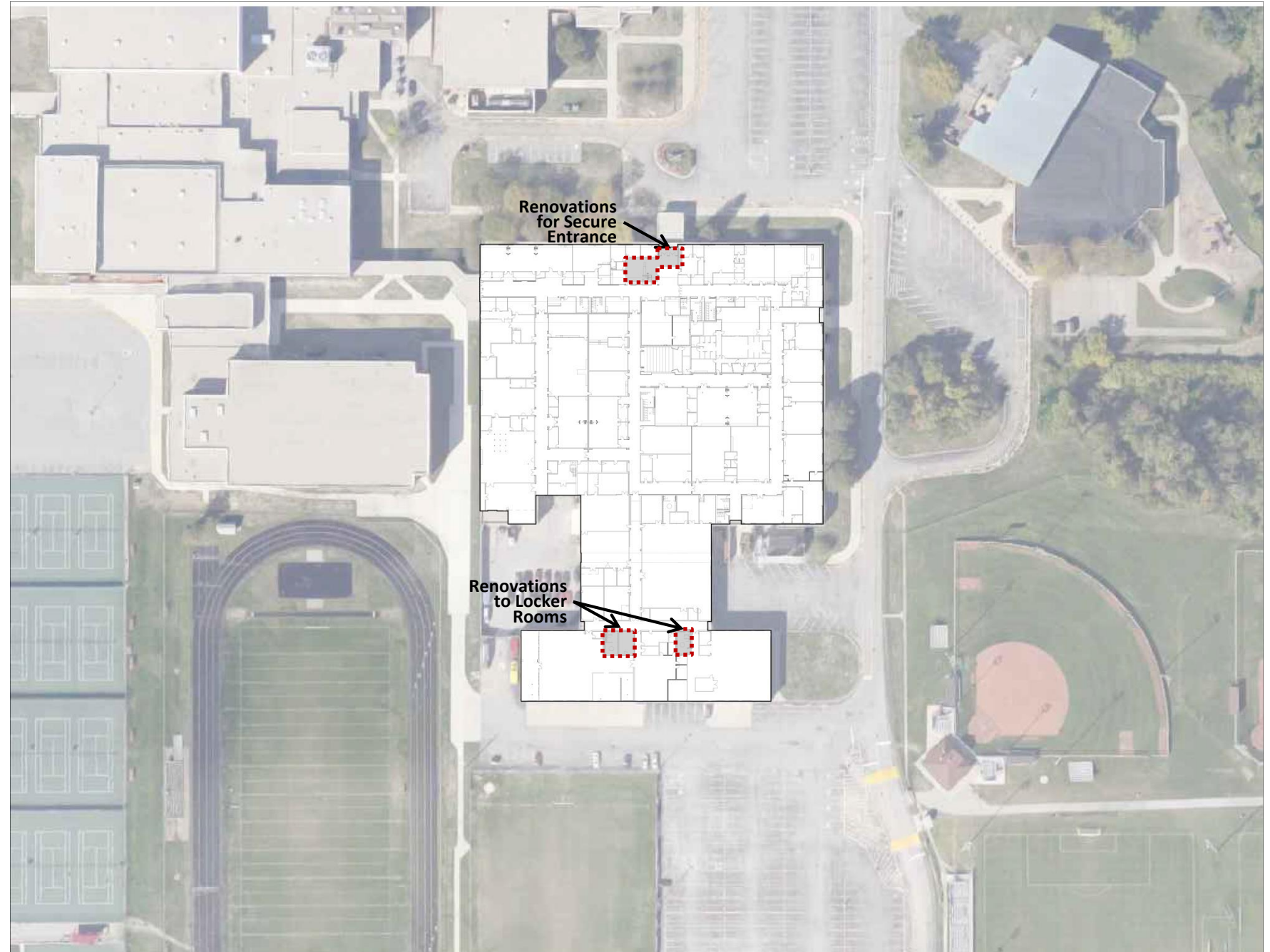
- Replace rooftop air handlers
- Increase capacity of electrical service
- Replace domestic water piping
- Resolve under slab sanitary piping issues
- Renovate restrooms
- Replace single pane windows
- Replace interior T-12 lighting
- Remove wall coverings from corridor walls and paint in north part of building

Technology

- Technology improvements for infrastructure, equipment and classroom technology

J. EVERETT LIGHT CAREER CENTER – Proposed Improvements

Built in 1972 – Improvements in 1992-1996





PROPOSED REFERENDUM BOND ISSUE IMPROVEMENTS

Capacity/Educational Effectiveness

- Convert existing spaces into a classroom and therapy room

Safety, Security and Code Compliance

- Renovations to create secure entrance
- Intercom system improvements
- Add fire sprinkler system
- Upgrade fire alarm system
- Add security cameras
- Playground handicapped accessibility improvements

Healthy Learning Environment

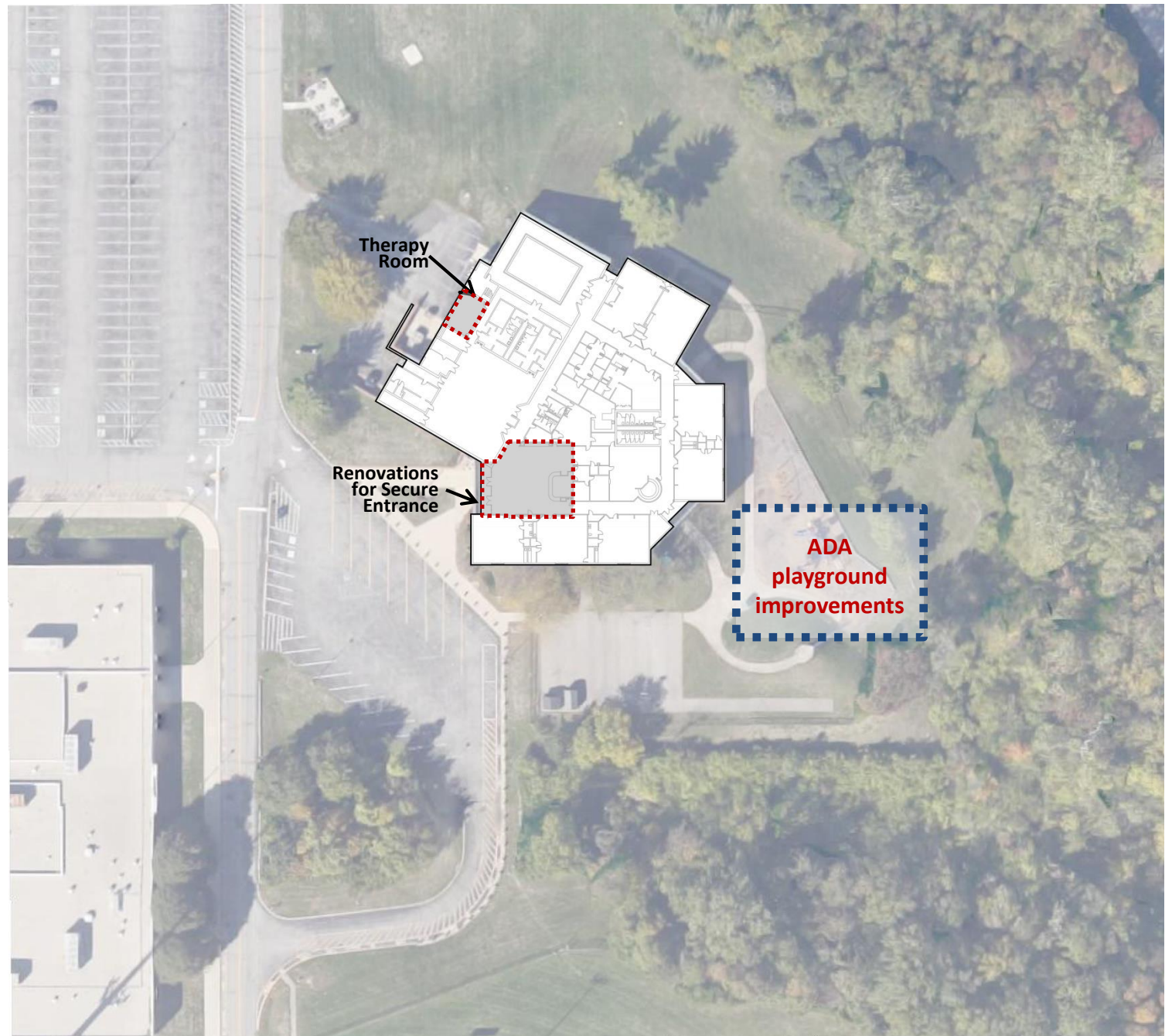
- Replace HVAC system
- Replace wall and floor finishes
- Replace doors and hardware
- Replace interior lighting

Technology

- Technology improvements for infrastructure, equipment and classroom technology

Hilltop School – Proposed Improvements

Built in 1979 – No Major Improvements



A Deliberative Process (Past 12 Months)



Commitment to Transparency



Community Surveys



Community Meetings



Tours of Facilities



Community-wide Newsletter



Social Media Posts



**Meetings with Key
Constituency Groups**



**Access to Board Members
and Administrators**



**Community-Based Master
Facilities Committee**

Master Facility Committee Appreciation



Thank you for your dedicated time and expertise you have given to the master facility planning process.