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DESIGN

Hanover Community School Corporation

DISCTRICT-WIDE FACILITY IMPROVEMENTS

School Board Meeting

August 25, 2020

CONTRIBUTORS | SKILLMAN

CREATED FOR | HCSC HANOVER COMMUNITY SCHOOL CORPORATION

CONTENT

1 Update Middle School Campus Improvements

2 Hanover Central Middle School Improvements

3 New Upper Elementary School

4 New Corporation Resource Center

5 Next Steps

School Board Meeting

DISTRICT-WIDE FACILITY IMPROVEMENTS

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MIDDLE SCHOOL CAMPUS IMPROVEMENTS

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MIDDLE SCHOOL CAMPUS IMPROVEMENTS

Site and Roadway Concept Diagram



Considerations

- New Upper ES and Resource Center located for function
- Planned car/bus circulation patterns
- Safe athletic and play areas
- Expansion of existing storm water management
- Adjustments to existing MS parking/ circulation patterns
- Access to Wicker Ave (US 41)
- Community Restrooms/ Concessions for MS Campus
- Athletic fields master planned
- Event parking consideration

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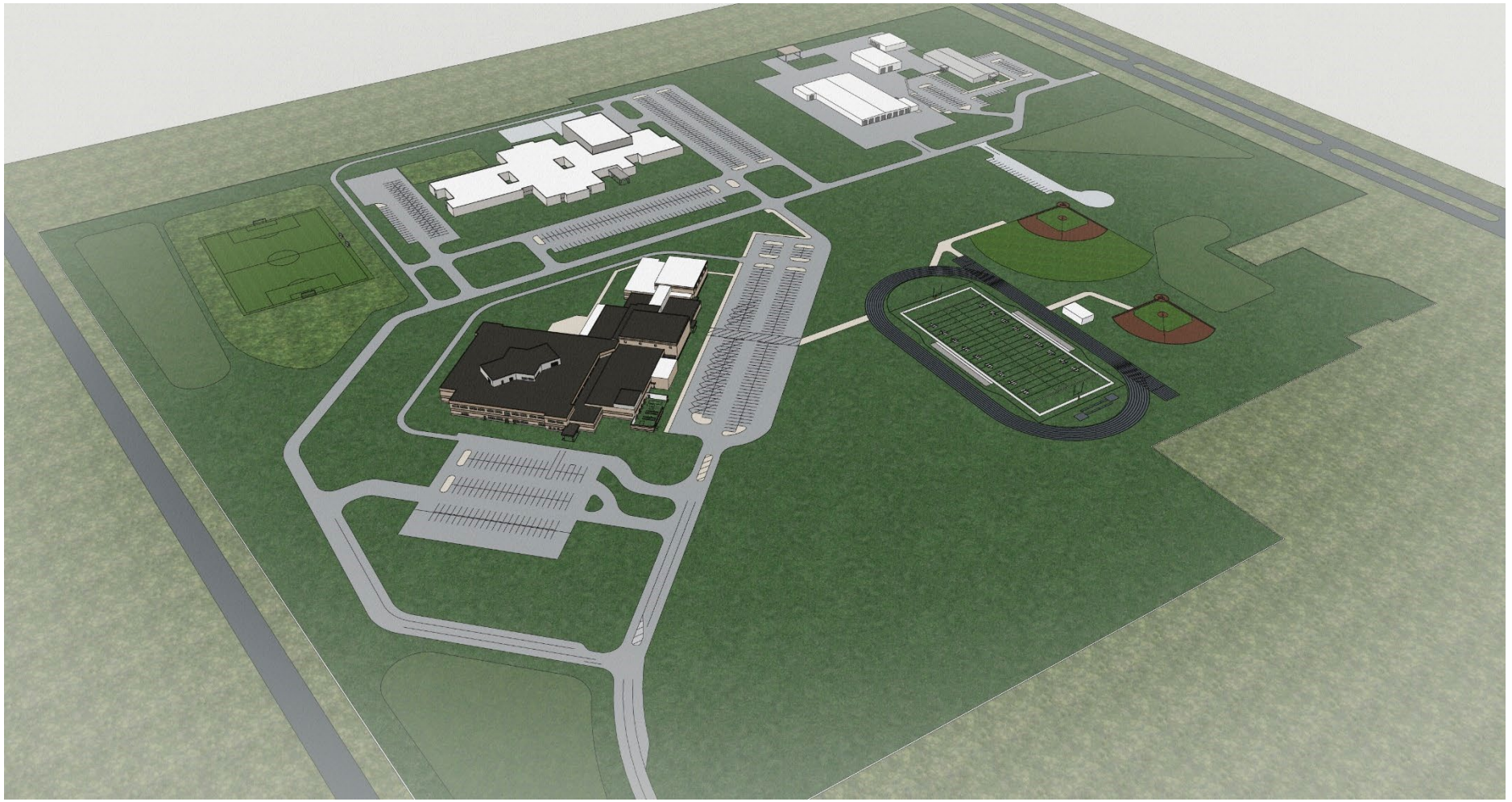
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MIDDLE SCHOOL CAMPUS IMPROVEMENTS

Overall View of Campus



School Board Meeting

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HANOVER CENTRAL MIDDLE SCHOOL IMPROVEMENTS

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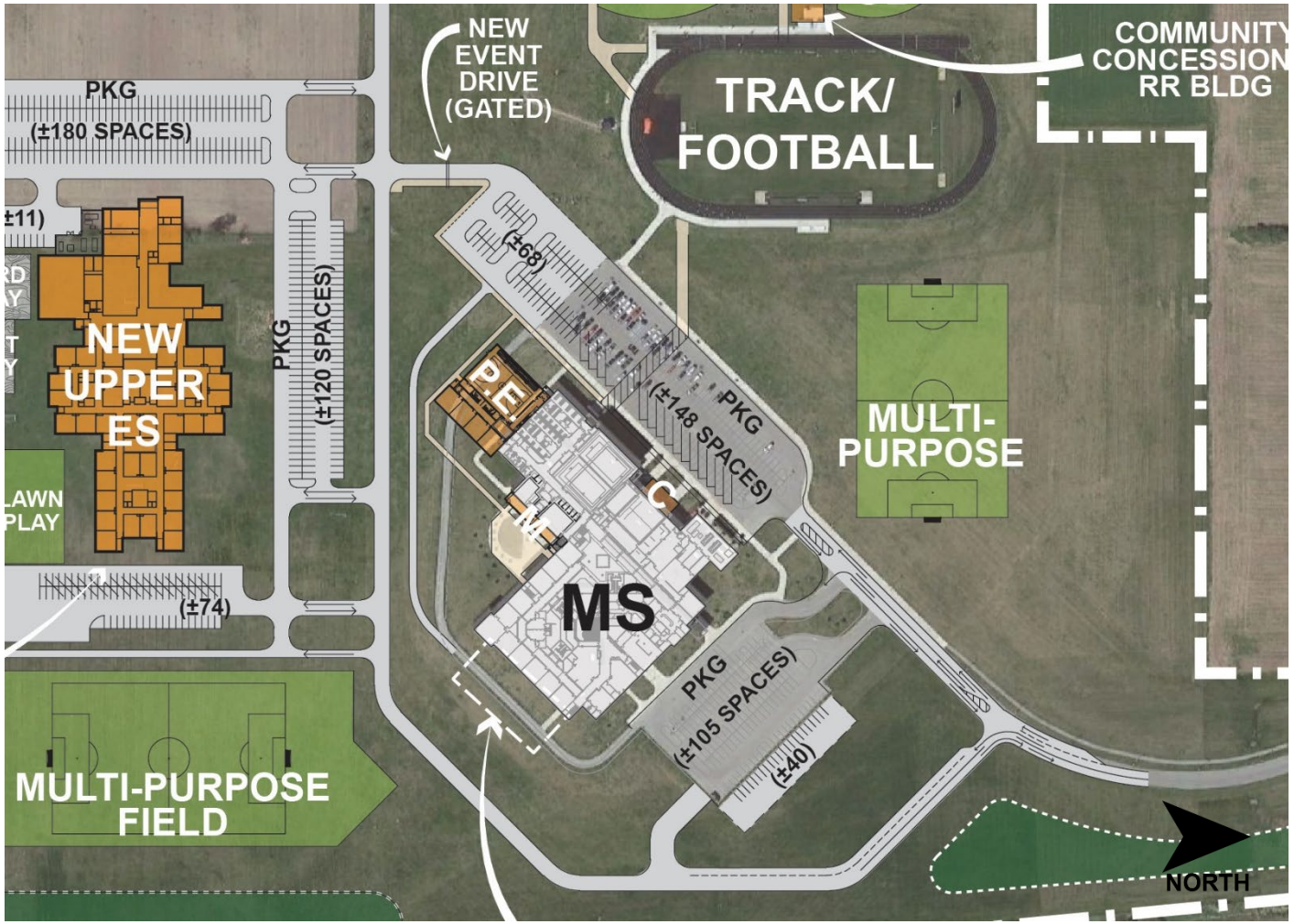
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MIDDLE SCHOOL IMPROVEMENTS

Site Plan Schematic Diagram



Considerations

SITE DATA		
PARKING		
	EXIST	NEW
North Lot	±105	±40
West Lot	±148	±68
TOTAL	**±342**	

- New left turn lane at main site entry drive to avoid congestion
- Widen new east drive with lane to allow for AM car queueing
- Additions to both parking lots
- New Bus and Event Drive Gate
- Adjust and add sidewalks to Track/Football and Campus

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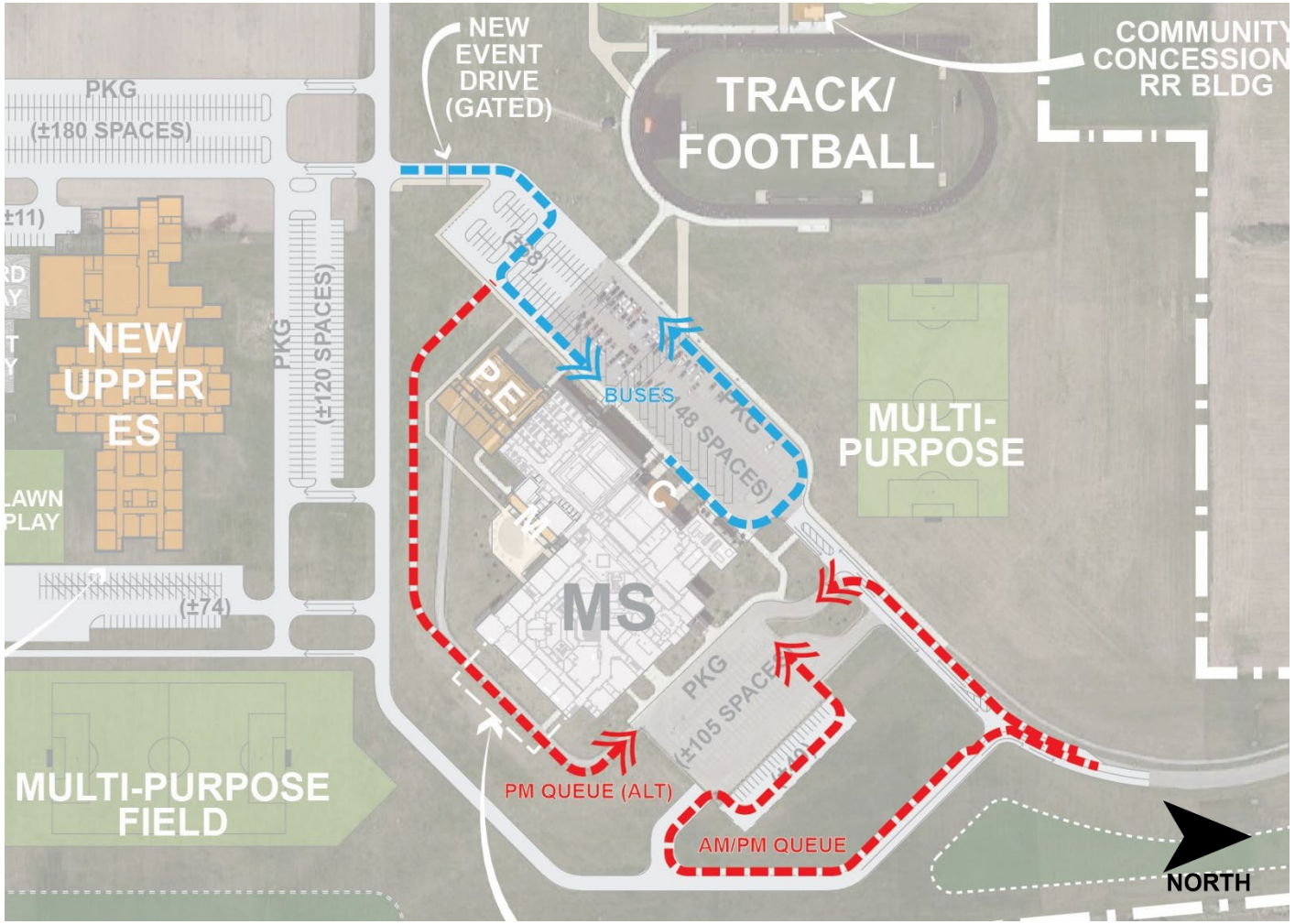
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MIDDLE SCHOOL IMPROVEMENTS

Traffic Flow Diagram



Considerations

SITE DATA		
CAR QUEUES		
	EXIST	NEW
AM/PM Queue	±38	±47
PM Queue (ALT)	±38	±42

- Maintain drive around new addition
- New left turn lane at main site entry drive to avoid congestion
- Widen east drive to allow for shoulder AM car queueing

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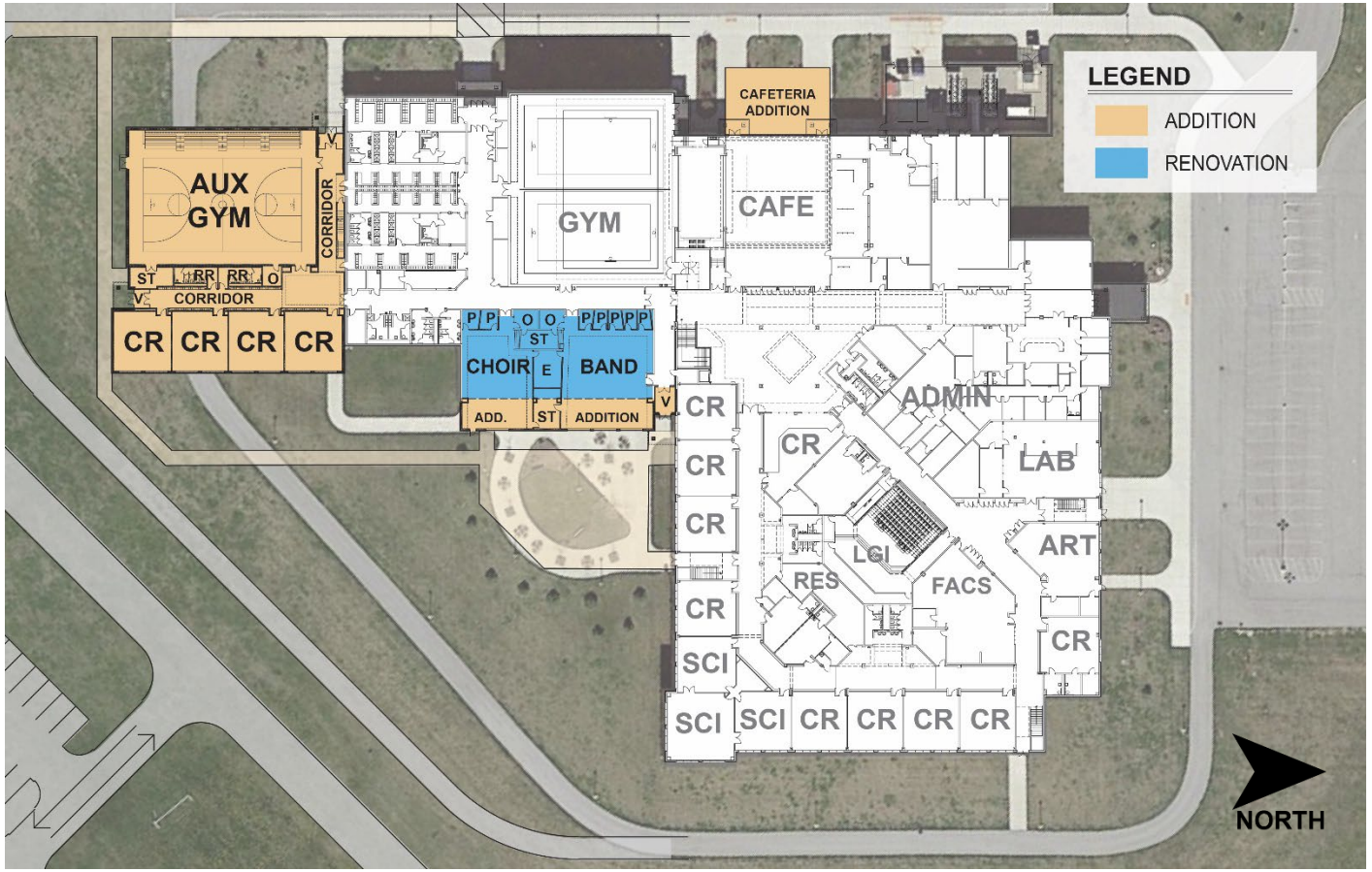
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MIDDLE SCHOOL IMPROVEMENTS

Schematic Plan Diagram



First Floor

Considerations

MUSIC PROGRAM DATA		
BAND		
	EXIST	NEW
Seating	±80	±100
CHOIR		
	EXIST	NEW
Seating	±57	±100

- Band & Choir expansion
- 4 new general Classrooms
- Expand Cafeteria
- PE expansion
  - *Regulation BB court*
  - *Spectator Seating: ± 230*
  - *Public Restrooms*
- Expand Cafeteria

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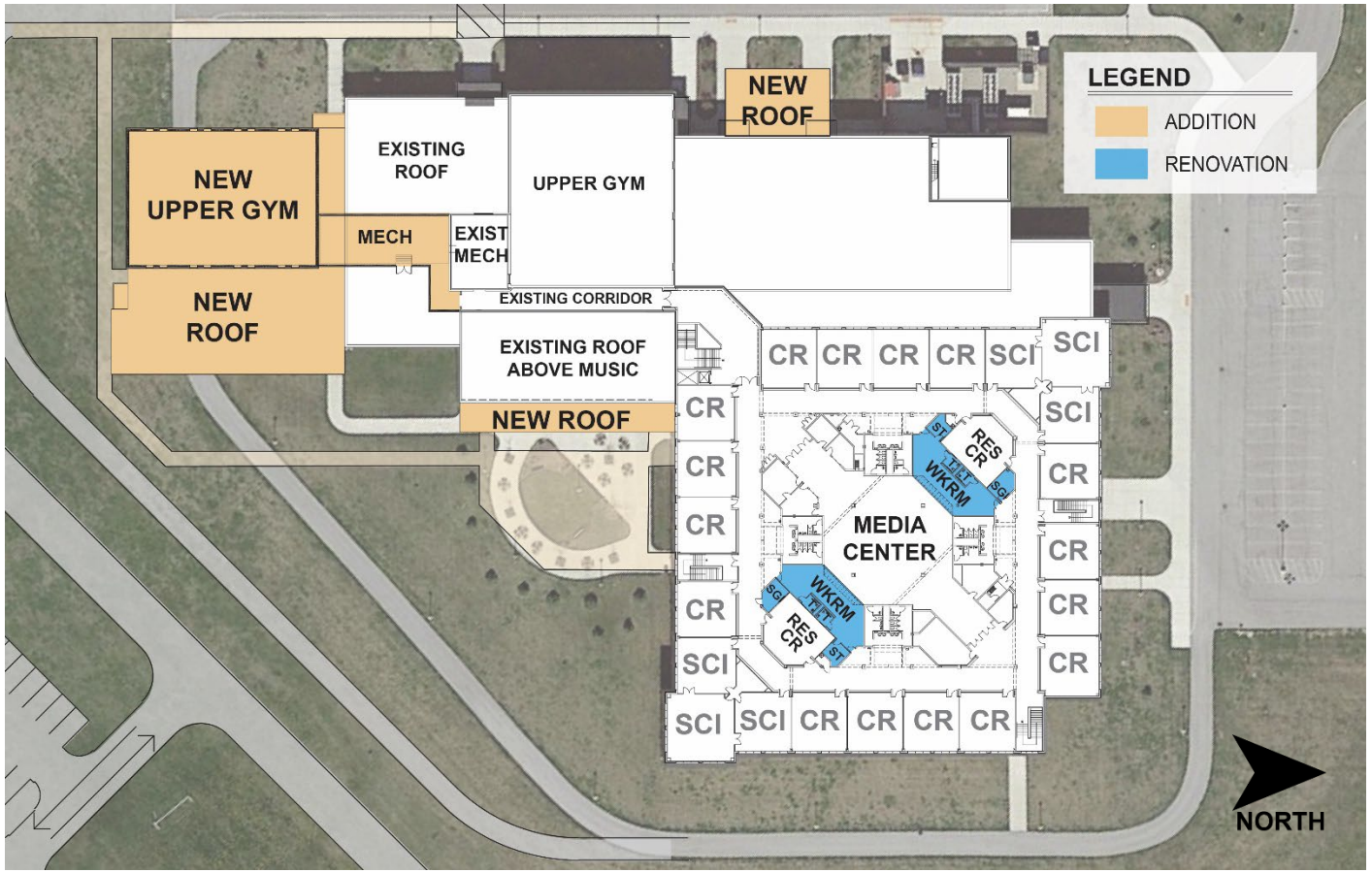
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MIDDLE SCHOOL IMPROVEMENTS

Schematic Plan Diagram



Second Floor

Considerations

- Switch Resource and workrooms for better student use
- Improve function of Media Center
- New mechanical room

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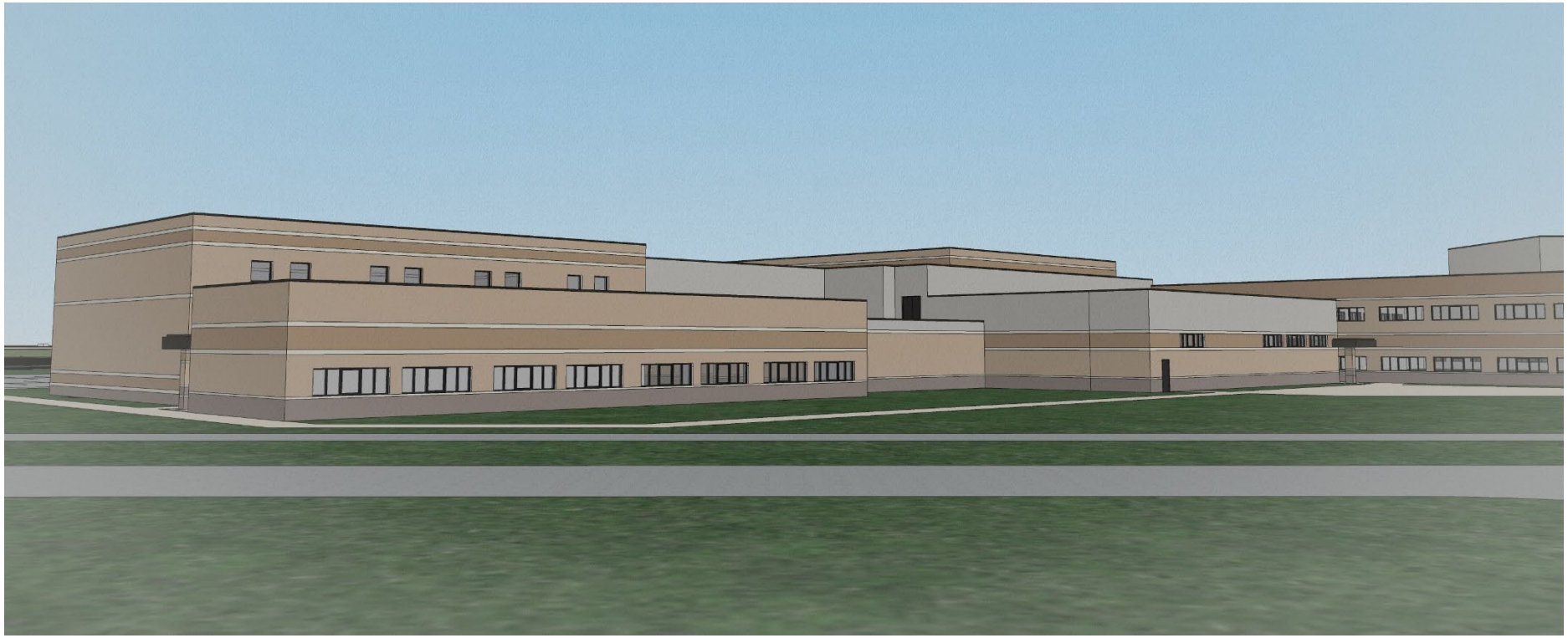
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MIDDLE SCHOOL IMPROVEMENTS

Overall View of Additions



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NEW UPPER ELEMENTARY SCHOOL

School Board Meeting

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NEW UPPER ELEMENTARY SCHOOL

Site Plan Schematic Diagram



Considerations

SITE DATA		
PARKING		
	EXIST	NEW
North Lot	--	±120
East Lot	--	±74
West Lot	--	±180
TOTAL	**±374**	

- Bus parking east side
- Parking for staff, visitors, & events
- Easy access to outdoor play areas
- Service drive behind building (first responders) & queuing for Parent drop off / pick up
- Repurpose existing storm detention/multipurpose field
- Total Land Area: ± 20 acres

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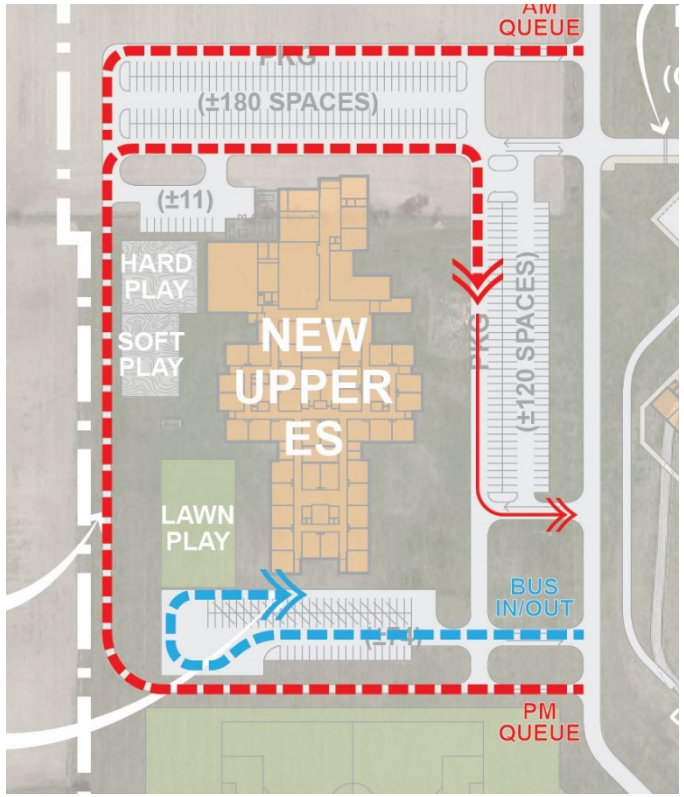
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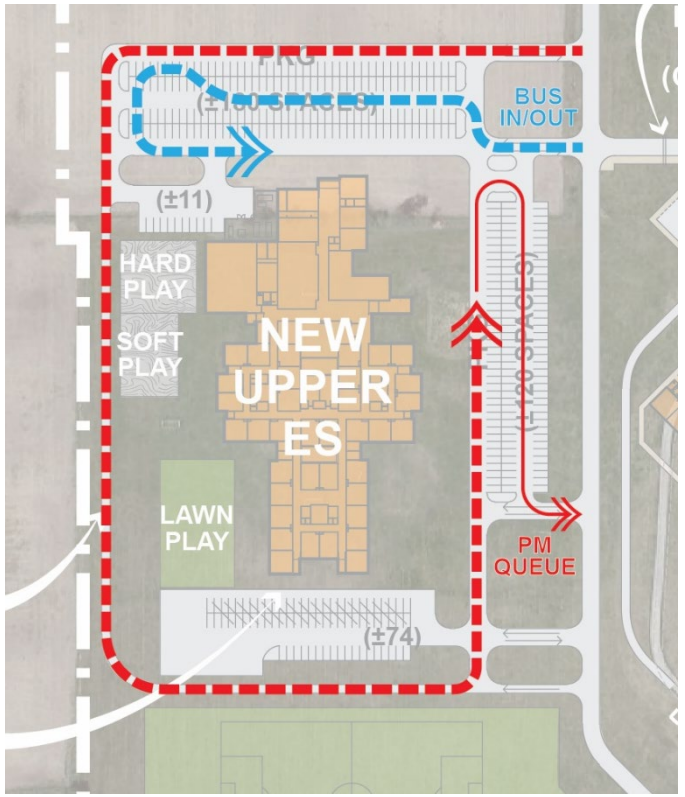
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NEW UPPER ELEMENTARY SCHOOL

Traffic Flow Diagrams



Main Option



Alternate Option

Considerations

SITE DATA		
CAR QUEUES		
	MAIN	ALT
AM Queue	±62	--
PM Queue	±86	±102

- Separate car and bus circulation patterns
- Service drive behind building (first responders) & queuing for Parent drop off / pick up
- Alternate traffic patterns available

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DISTRICT-WIDE FACILITY IMPROVEMENTS

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NEW UPPER ELEMENTARY SCHOOL

Building Program Criteria Summary

SPACE CATEGORY	# OF SPACES
GENERAL EDUCATION SPACES	
Classroom	34
Special Education Classrooms	4
STEM	1
Team/Workrooms	4
EXPLORATORY SPACES	
Music/Art Classrooms	1 EA
Gymnasium (Bleacher seating for ±600; TOTAL seating for ±800-900)	1
Stage	1
STUDENT SUPPORT SPACES	
Media Center	1
Administration Services	1
Food Service	1
BUILDING SUPPORT (MECH, STORAGE, RR, CIRCULATION)	
TOTAL SF	**TBD**

Considerations

- Classrooms for grade levels
- Rotations/Exploratories
- Special Needs
- Student Support Needs
- Main Office and Security
- Extended Learning Areas
- Future Programs
- Public Events
- Food Service
- Mechanical/Electrical
- Robust Technology

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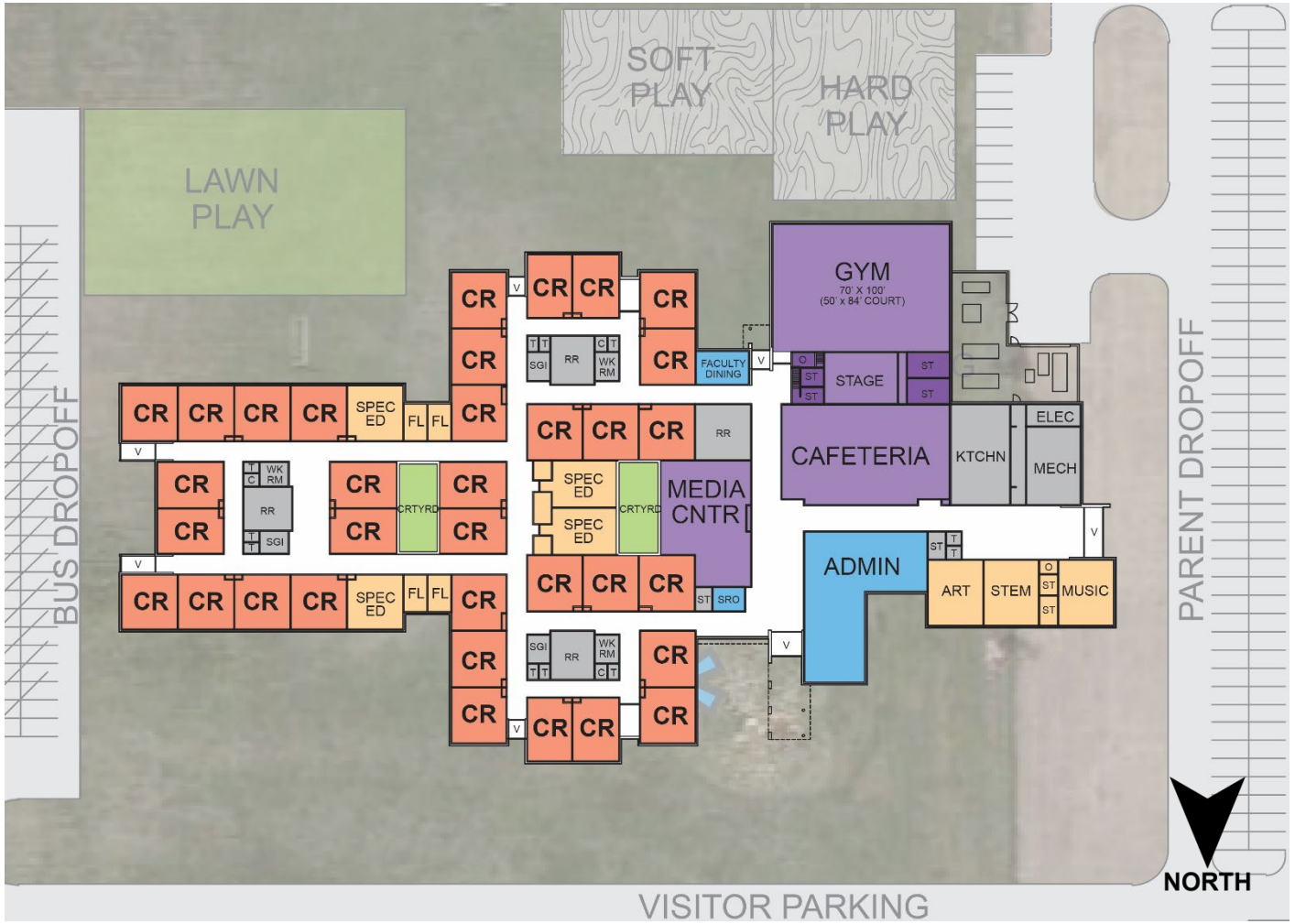
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NEW UPPER ELEMENTARY SCHOOL

Schematic Floor Plan Diagram



Considerations

- New Upper ES serving Grades 3-5; 750 students
  - **Future Expansion*
- Easy access to outdoor play areas
- Secured building entry at front main office.
- Grade level “Houses”
- Shared stage between Gym & Cafeteria
- Separate “event” or public entry

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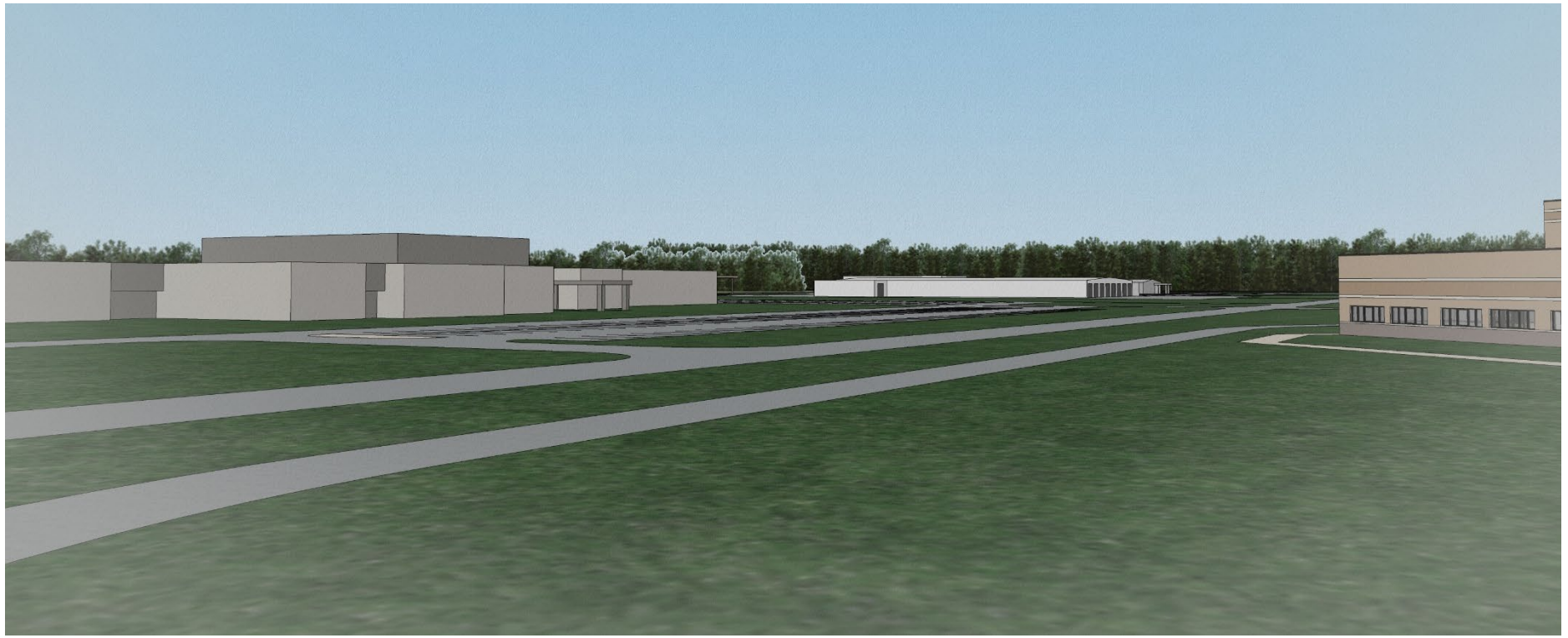
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NEW UPPER ELEMENTARY SCHOOL

Preliminary 3D Massing



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NEW CORPORATION RESOURCE CENTER

School Board Meeting

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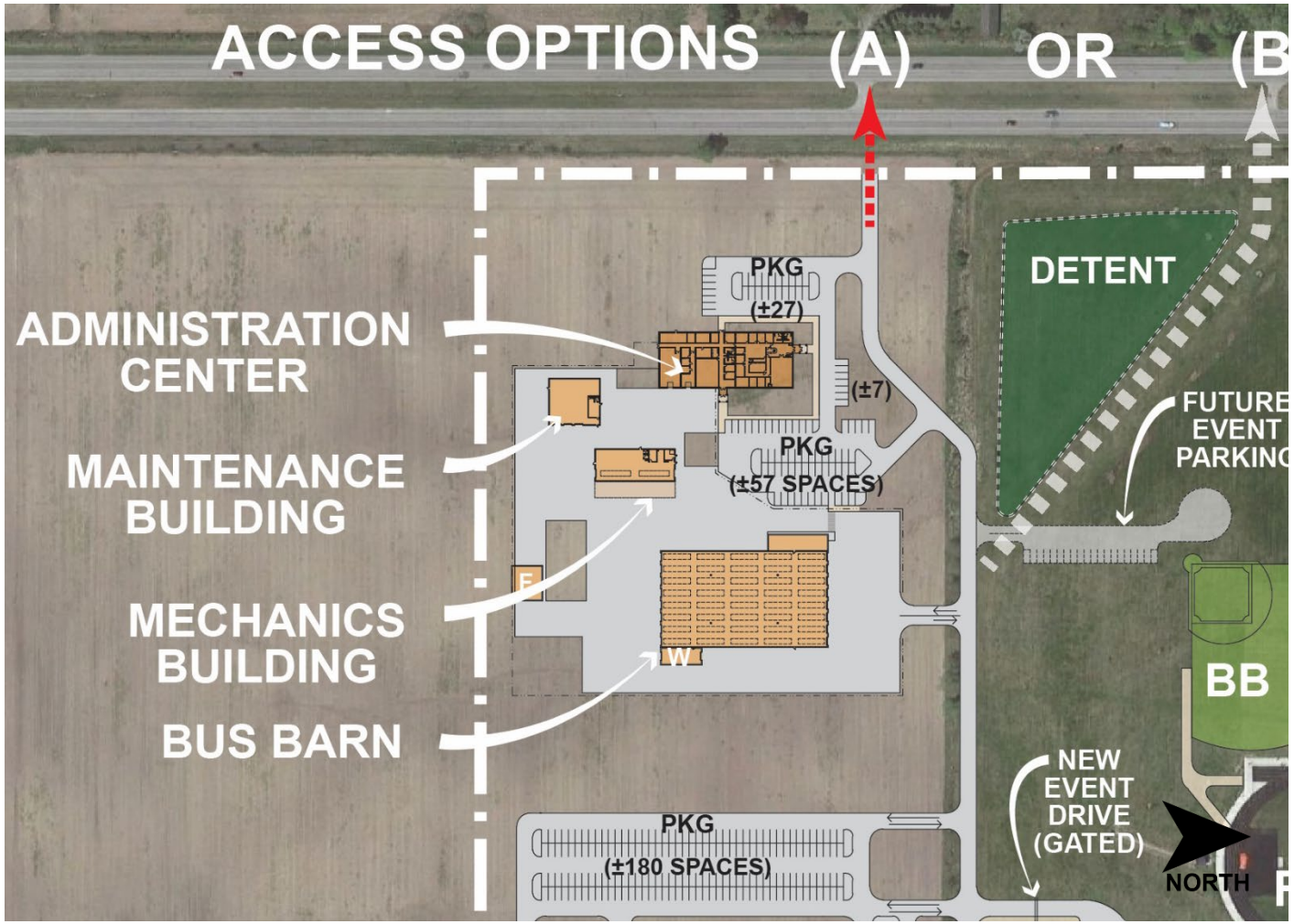
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NEW CORPORATION RESOURCE CENTER

Site Plan Schematic Diagram



Considerations

- Separate bus/car circulation patterns and parking areas
- Secured center (fencing around perimeter)
- Appropriate areas for bus movement and yearly inspections
- Bus Barn
- Proper/Safe access to fueling station
- Close to storm water detention
- Site Area: ± 13 acres
- Parking: ± 91 Spaces

School Board Meeting

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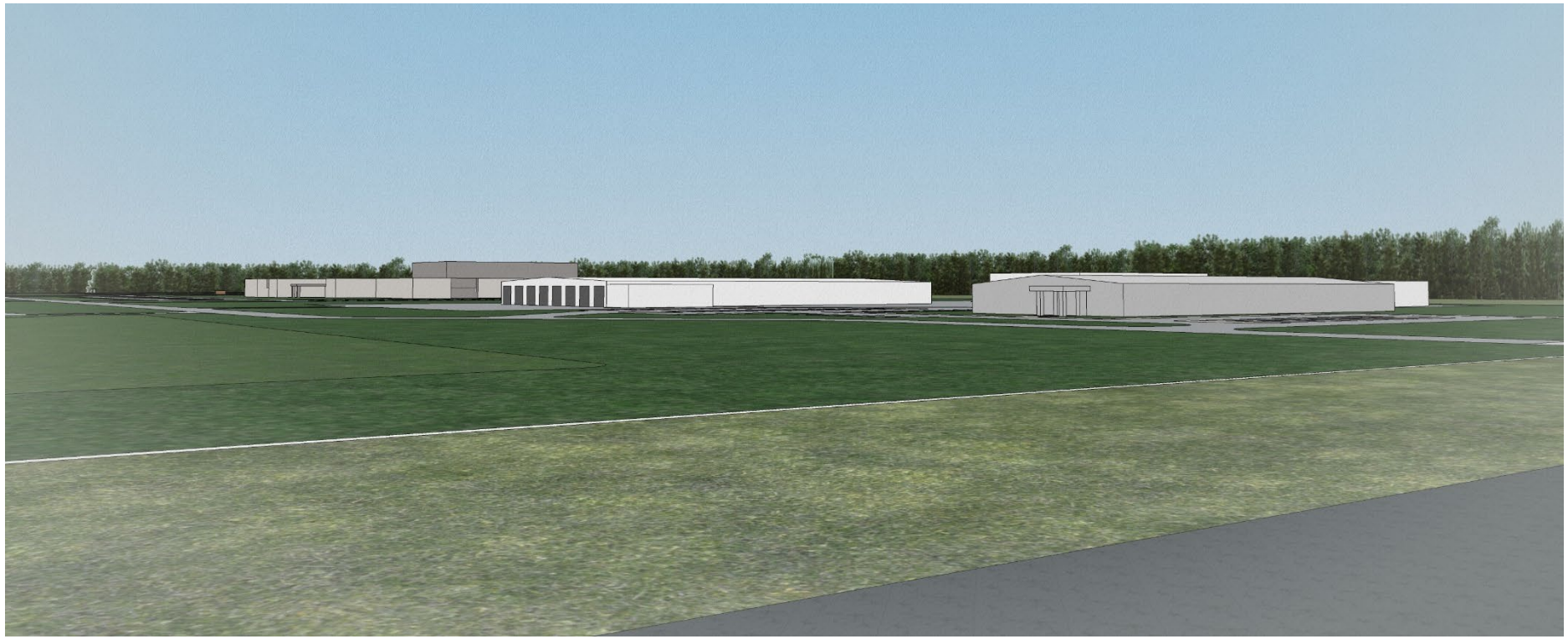
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Preliminary 3D Massing



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NEXT STEPS

- Complete civil engineering for site plan improvements
- Submit Documents September 11th for review by Town of Cedar Lake
- Continue Program and Design Meetings with Administration for Upper ES and Resource Center
- Begin engineering for new upper elementary school
- Next Board Update; September 8th

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THANK YOU

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