

LINCOLN
COUNTY



SCHOOL DISTRICT

HAWK POINT • MOSCOW MILLS • TROY

Elementary Boundary Process

Public Input Sessions

Lincoln County R-III School District

Public Input Agenda

- 6:00 to 6:10..... Superintendent Opening Remarks
- 6:10 to 6:30..... RSP Boundary Process Overview
- 6:30 to 7:30..... Open House

During the Open House:

- Everyone is invited to walk around the stations to view the boundary concepts maps.
- There are 5 to 7 number of stations set up
- Each station will have:
 - Concept A map and data
 - Concept B map and data
 - Concept C map and data
- District staff and RSP will be available at each station to answer questions.

Provide Input!

- *There are three avenues of feedback – All feedback will be considered equally. The ThoughtExchange results will be the best way to aggregate total feedback.*
 - *Electronic:* Complete the ThoughtExchange
 - *Written:* Write notes of feedback on large sticky notes at each station
 - *Verbal:* Talk with district staff

Note: Presentation materials will be the same both nights of public input.



Night 1: Troy Buchanan High School

Commons
April 12, 2023
6:00-7:30pm



Night 2: Troy South Middle School

Cafeteria
April 13, 2023
6:00-7:30pm

Process (updated 04/04/23)

4 Admin Meetings:

- ✓ March 9
- ✓ March 30
- ✓ April 4
- ☐ April 27

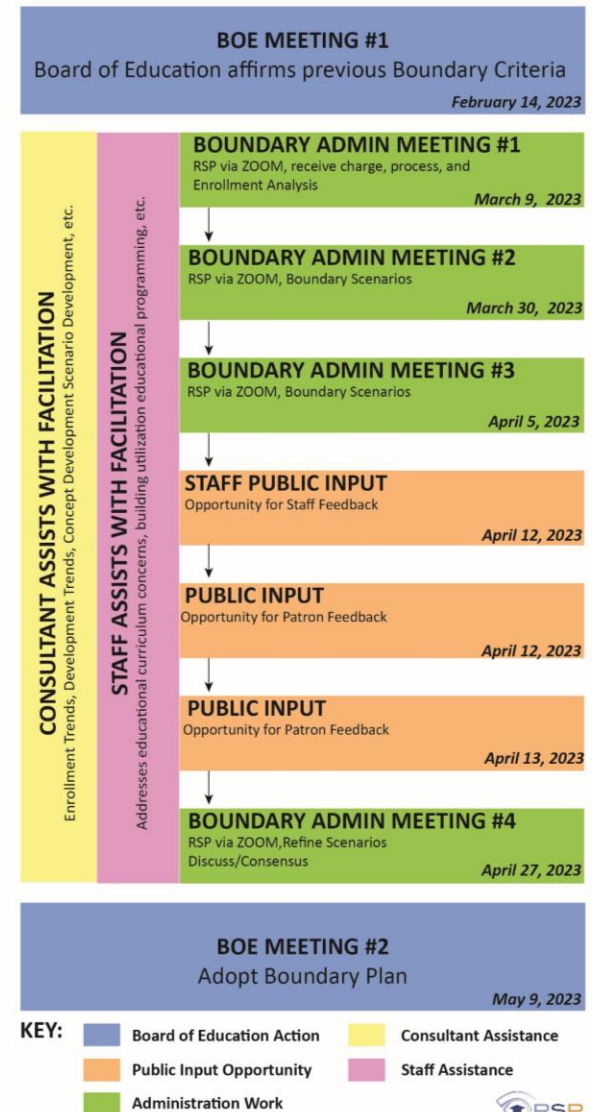
2 Opportunities for Public Input:

- ✓ April 12
- ✓ April 13

2 Board of Education Meetings:

- ✓ February 14
- ☐ May 9

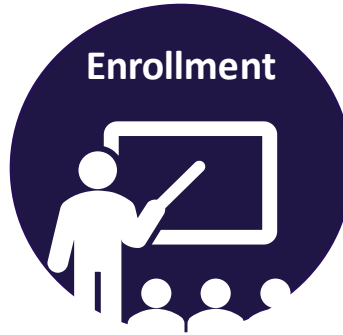
2022/23 COMPREHENSIVE BOUNDARY PROCESS



Enrollment

Analysis Summary: 100,000 Foot Perspective

An overview of what is most notable for your school district, students, and community.



District wide enrollment forecasted to increase by over 500 students to enroll over 7,100 students by 2027/28

- **Elementary forecasted to increase by about 350 students and enroll over 3,300 total ES students**
- **Middle School forecasted to increase by about 150 students and enroll over 1,600 total MS students**
- **High School forecasted to increase by almost 20 students and enroll over 2,150 total HS students**



Capacity was provided by the district and analyzed alongside projected enrollment. With the current building inventory, capacity challenges for attend enrollment are forecasted at:

- Cuivre Park, Hawk Point, Lincoln, and William Cappel Elementary Schools
- Troy South Middle School capacity challenges have been addressed by the addition planned to open this summer (+6 classrooms)
- New Horizons School

Note: When Troy South Elementary School opens in 2024/25, capacity challenges at most elementary facilities will be addressed.



Residential development activity is a main driver to future enrollment growth in the district

- 244 single-family and 10 multi-family units were built in 2022
- Over 3,200 total potential units could be added to the district in the next ten years
- Most growth potential is located in the southern parts of the district

Detailed Planning Areas

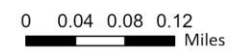
Lincoln County R-III School District Planning Areas-Detail



- List of Schools:
1. Boone & Lincoln
 2. Claude Brown
 3. Cuivre Park
 4. Hawk Point
 5. Main Street
 6. William Cappel
 7. Troy
 8. Troy South
 9. Ninth Grade Center
 10. Troy Buchanan
 11. New Horizons
 12. Early Childhood Center

- Early Childhood Center
- Elementary Schools
- Middle Schools
- Ninth Grade Center
- ◆ High Schools
- Camp Tuckaho Girl Scouts
- Golf Course
- State Park

- Year Built
- Before 2000
 - 2000 to 2005
 - 2005 to 2010
 - 2010 to 2015
 - After 2015



Map data provided by Lincoln County R-III School District, Lincoln County, USGS, U.S. Census Bureau, and ESRI. Map created in December 2022.

Sophisticated Forecast Model

Built-Out $S_{c,t,x} = S_{c-1,t-1,x} * GC$

Let:

- S = The number of students, either an actual count or a projected count
- x = A subscript denoting an attendance area in the School District
- c = Grade level
- t = Time (years)
- GC = Growth component either modeling enrollment increase or decrease based on historical information, expressed as a real number

Developing $S_{c,t,x} = S_{c-1,t-1,x} + (BP_{t,x} * R_{c,x})$

Where: $BP_{t,x} = \left(\frac{(CP_x)(BT_x)(A_x)}{\sum_x (CP_x)(BT_x)(A_x)} \right) * CT$

Let:

- S = The number of students, either an actual count or a projected count
- x = A subscript denoting an attendance area in School District
- c = Grade level
- t = Time (years)
- BP = Building permit forecast as given by the Building Permit Allocation Model (BPAM) model
- R_{c, x} = Student Enrollment ratio of cohort c in planning area x
- CP = Capacity of a planning area as expressed by available housing units
- BT = Building history trend of planning area
- A = An index which models the likelihood of development
- CT = Building permit control total forecast

The SFM is...

- a social science... not an exact science; it identifies behavior trends to determine the propensity of them to be recreated
- valuable in how our team created and analyzes the geography at a planning area level for any commonality which while help produce an accurate forecast



Some variables examined for each planning area (but not limited to) are...

- natural cohort (district data)
- planning area subdivision lifecycle (a RSP variable)
- the value of homes (county assessor data)
- type of residential units like single-family, multi-family, townhome, mobile home, etc. (county assessor data)
- year units were built
- estimated female population (census data)
- estimated 0-4 population (census data)
- existing land use (county and city data)
- future land use (county and city data)
- capital improvement plan (county and city data)
- future development (county and city data)
- in-migration of students (district data) & out-migration of students (district data)

This is the **central focus** of everything RSP does.

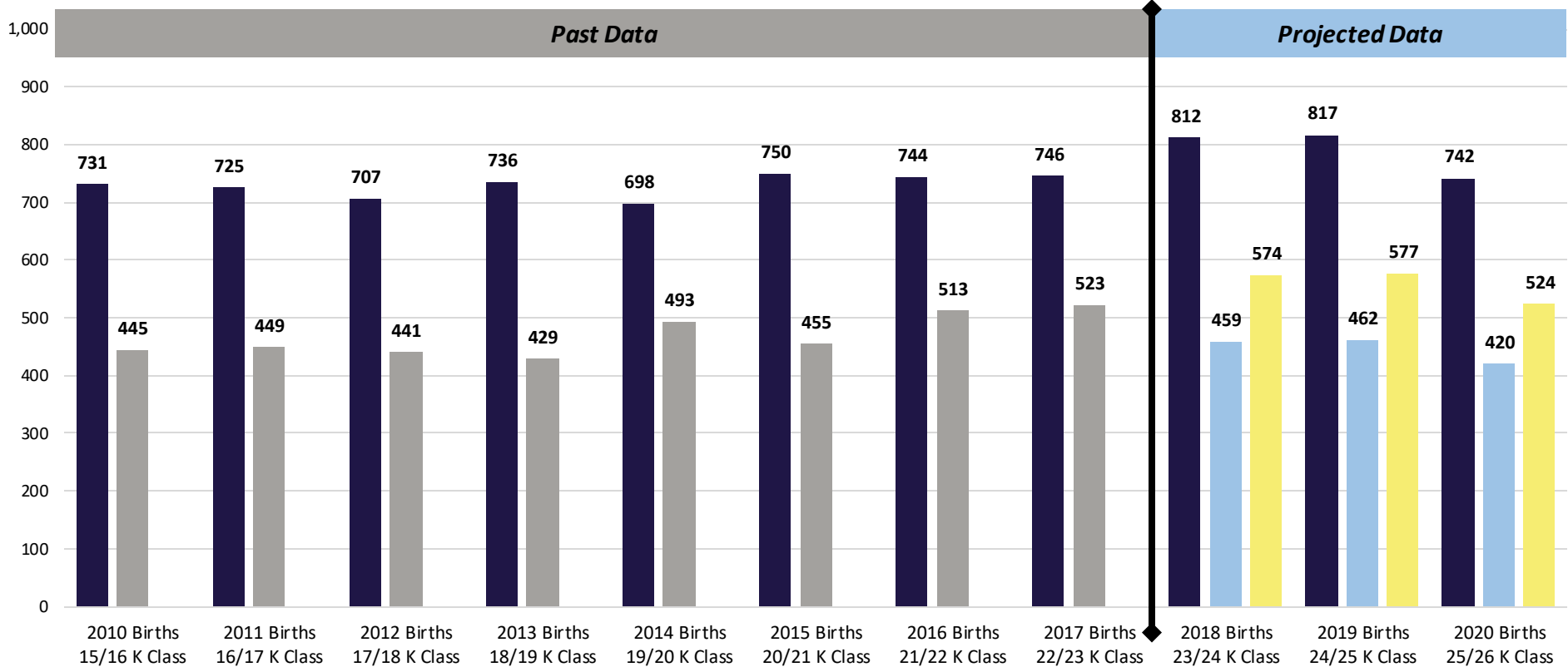
The model is based on what is happening in a school district. The best data is statistically analyzed to provide an accurate enrollment forecast. The District will be able to use RSP's report and maps to better understand demographic trends, school utilization, and the timing of construction projects.

Each variable is analyzed as an indicator of the future student population:

-  Indicator of Student Growth
-  Indicator of Student Loss



Lincoln County Live Births and Kindergarten Class Five Years Later



Source: Missouri Department of Public Health and Lincoln County R-3 School District

Bar Graph Key:

- Live Births per Year
- Past Kindergarten students
- Projected Low Kdg students
- Projected High Kdg students

Observations

- Tracks the number of Lincoln County live births and the corresponding number of kindergarten students five years later
- The number of live births increased in 2018 to 2019 with more than 800 births per year; 2020 returned to around 742 live births
- The kindergarten classes moving forward is forecasted to be between 420 to 460 students on the low end and 525 to 575 students on the high end

Main Takeaway: The decline of live births in the county can potentially result in smaller kindergarten classes.

Past Enrollment by Grade



Enrollment By Grade

Year	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	Change
1999/00	336	302	366	330	330	321	312	339	368	378	339	322	249	4,292	
2000/01	310	342	330	385	344	342	343	340	357	385	387	315	304	4,484	192
2001/02	351	320	332	348	412	367	367	361	356	385	400	370	305	4,674	190
2002/03	370	368	344	352	378	438	373	387	400	387	377	378	335	4,887	213
2003/04	365	352	401	392	394	423	472	410	422	439	371	347	334	5,122	235
2004/05	380	380	376	425	405	400	433	484	420	437	405	340	314	5,199	77
2005/06	462	397	409	400	442	423	423	452	491	475	438	397	322	5,531	332
2006/07	427	468	406	420	415	460	436	460	459	523	466	410	390	5,740	209
2007/08	488	440	468	418	435	419	472	451	463	501	528	450	377	5,910	170
2008/09	435	488	460	477	448	432	428	494	452	500	493	512	451	6,070	160
2009/10	460	437	502	471	483	442	452	426	509	468	494	469	482	6,095	25
2010/11	515	464	440	508	483	486	463	468	446	531	478	490	453	6,225	130
2011/12	449	511	479	437	499	498	487	485	449	463	537	448	461	6,203	-22
2012/13	454	439	506	468	420	493	491	484	490	480	478	514	432	6,149	-54
2013/14	474	467	433	485	453	435	490	505	479	527	479	472	501	6,200	51
2014/15	456	482	472	445	479	463	445	489	500	526	513	464	459	6,193	-7
2015/16	445	462	484	461	459	485	458	441	489	522	531	505	452	6,194	1
2016/17	449	457	463	498	452	469	478	470	438	512	524	532	494	6,236	42
2017/18	441	443	475	482	490	467	476	490	461	460	509	508	515	6,217	-19
2018/19	429	459	459	484	503	504	488	480	502	520	456	498	488	6,270	53
2019/20	493	449	482	471	503	497	521	489	498	523	525	448	476	6,375	105
2020/21	455	497	430	470	456	498	498	533	494	536	510	493	446	6,316	-59
2021/22	513	487	525	470	501	462	533	527	539	542	565	510	515	6,689	373
2022/23	523	502	483	522	462	498	471	516	523	573	535	529	494	6,631	-58

Source: Data provided by Lincoln County R-III School District

1999/00 to 2007/08 counts provided by State and 2008/09 to 2022/23 student data from district Includes Horizon data

Observations:

- Largest K-12 class in 2022/23 – 9th grade with 573 students
- Smallest K-12 class in 2022/23 – 4th grade with 462 students
- Graduating senior class tends to be smaller than the incoming Kindergarten class which will increase total enrollment
- Largest total enrollment since 1999/00 is 2021/22 with 6,689 students; this year the district enrollment 6,631 students
- 2022/23 has the largest grades in: Kindergarten, 3rd grade, and 9th grade

Cohort Student Change



Enrollment Change Year to Year

Year From	Year To	K	K 1st	1st 2nd	2nd 3rd	3rd 4th	4th 5th	5th 6th	6th 7th	7th 8th	8th 9th	9th 10th	10th 11th	11th 12th	Change	
															Total	Percent
1999/00	2000/01	-26	6	28	19	14	12	22	28	18	17	9	-24	-18		
2000/01	2001/02	41	10	-10	18	27	23	25	18	16	28	15	-17	-10	190	4.4%
2001/02	2002/03	19	17	24	20	30	26	6	20	39	31	-8	-22	-35	213	4.8%
2002/03	2003/04	-5	-18	33	48	42	45	34	37	35	39	-16	-30	-44	235	5.0%
2003/04	2004/05	15	15	24	24	13	6	10	12	10	15	-34	-31	-33	77	1.6%
2004/05	2005/06	82	17	29	24	17	18	23	19	7	55	1	-8	-18	332	6.5%
2005/06	2006/07	-35	6	9	11	15	18	13	37	7	32	-9	-28	-7	209	4.0%
2006/07	2007/08	61	13	0	12	15	4	12	15	3	42	5	-16	-33	170	3.1%
2007/08	2008/09	-53	0	20	9	30	-3	9	22	1	37	-8	-16	1	160	2.8%
2008/09	2009/10	25	2	14	11	6	-6	20	-2	15	16	-6	-24	-30	25	0.4%
2009/10	2010/11	55	4	3	6	12	3	21	16	20	22	10	-4	-16	130	2.1%
2010/11	2011/12	-66	-4	15	-3	-9	15	1	22	-19	17	6	-30	-29	-22	-0.4%
2011/12	2012/13	5	-10	-5	-11	-17	-6	-7	-3	5	31	15	-23	-16	-54	-0.9%
2012/13	2013/14	20	13	-6	-21	-15	15	-3	14	-5	37	-1	-6	-13	51	0.8%
2013/14	2014/15	-18	8	5	12	-6	10	10	-1	-5	47	-14	-15	-13	-7	-0.1%
2014/15	2015/16	-11	6	2	-11	14	6	-5	-4	0	22	5	-8	-12	1	0.0%
2015/16	2016/17	4	12	1	14	-9	10	-7	12	-3	23	2	1	-11	42	0.7%
2016/17	2017/18	-8	-6	18	19	-8	15	7	12	-9	22	-3	-16	-17	-19	-0.3%
2017/18	2018/19	-12	18	16	9	21	14	21	4	12	59	-4	-11	-20	53	0.8%
2018/19	2019/20	64	20	23	12	19	-6	17	1	18	21	5	-8	-22	105	1.7%
2019/20	2020/21	-38	4	-19	-12	-15	-5	1	12	5	38	-13	-32	-2	-59	-0.9%
2020/21	2021/22	58	32	28	40	31	6	35	29	6	48	29	0	22	373	5.9%
2021/22	2022/23	10	-11	-4	-3	-8	-3	9	-17	-4	34	-7	-36	-16	-58	-0.9%
3 Year Average		10.0	8.3	1.7	8.3	2.7	-0.7	15.0	8.0	2.3	40.0	3.0	-22.7	1.3	85.3	1.3%
3 Year WAverage		18.0	5.8	4.2	9.8	3.8	-0.3	16.3	3.2	0.8	39.3	4.0	-23.3	-1.0	85.5	1.3%

Source: Data provided by Lincoln County R-III School District

1999/00 to 2007/08 counts provided by State and 2008/09 to 2022/23 student data from district Includes Horizon data

Observations:

- Largest 3-year average K-12 class cohort increase – 8th to 9th grade **(+40)**
- Largest 3-year average K-12 class cohort decrease – 10th to 11th grade **(-23)**
- Overall percent change from previous year of -0.9% - decrease of 58 students
- Cohort loss from last year in K to 5th grade, 6th to 8th grade, and 9th to 12th grade; only 5th to 6th and 8th to 9th increased from last year
- 2022/23 school year had similar cohort decreases in the elementary as the 2020/21 school year – the reason for this is not known in the student data sets and is not typical of recent cohort enrollment change

Growth Area Map

Lincoln County R-III School District Growth Areas



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- List of Schools:
1. Boone & Lincoln
 2. Claude Brown
 3. Cuivre Park
 4. Hawk Point
 5. Main Street
 6. William Cappel
 7. Troy
 8. Troy South
 9. Ninth Grade Center
 10. Troy Buchanan
 11. New Horizons
 12. Early Childhood Center

- Early Childhood Center
- Elementary Schools
- Middle Schools
- Ninth Grade Center
- High Schools
- Camp Tuckaho Girl Scouts
- Golf Course
- State Park

- Growth Areas
- Current
 - 5 Year
 - 10 Year

0 0.95 1.9 2.85 Miles



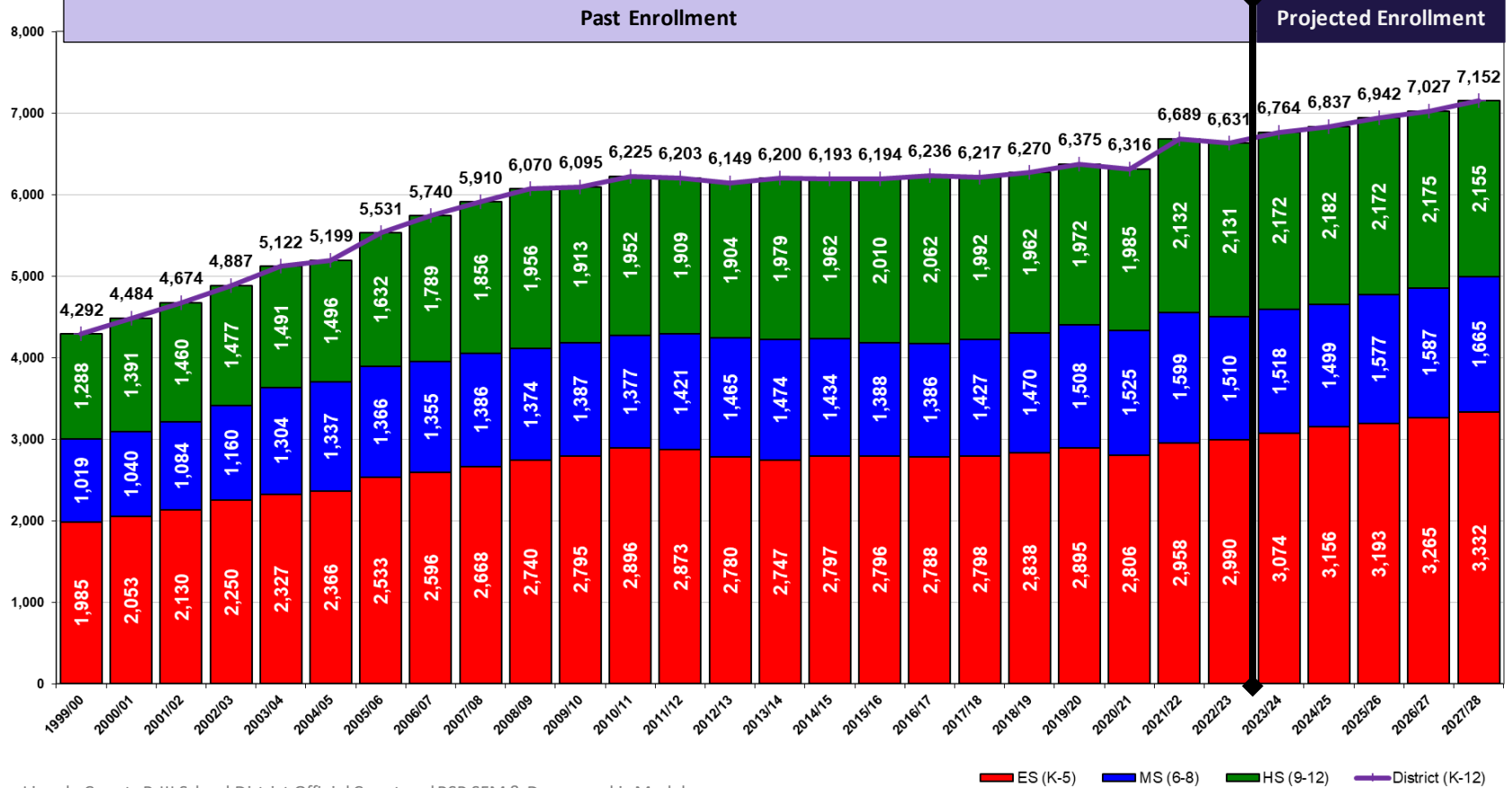
Map data provided by Lincoln County R-III School District, Lincoln County, USGS, U.S. Census Bureau, and ESRI. Map created in December 2022.

Population growth Areas are defined as areas that display a high propensity for growth; however, development is not guaranteed. Additionally, it is possible that areas not designated for growth may develop.

Past, Current, & Future Enrollment



Market Forecast



Source: Lincoln County R-III School District Official Count and RSP SFM & Demographic Models

District-wide enrollment projected to continue increasing for the next five years. By 2027/28...

- District-wide enrollment forecasted to increase by over 500 students (+7.9%)
- Elementary enrollment forecasted to increase by nearly 350 students (+11.4%)
- Middle School enrollment forecasted to increase by about 150 students (+9.7%)
- High School enrollment forecasted to increase by over 20 students (+1.1%)
- 2022/23 Official Count had impacted the 5-year outlook, delaying growth forecasted in the 2021/22 forecast by about two years – impacting the forecast for 2025/26 (7,133) has been moved forward to 2027/28 (Must continue to annually monitor)

Projection Notes & Clarifications

Past Enrollment is shown three different ways:

1. Reside (Based on where a student Resides in relation to the attendance area)
2. Attend (Based on what school the student is attending)
3. Reside/Attend (Subset of Reside to know how many of the Reside attend the school based on the attendance area they are assigned to)

Projections are shown two ways:

1. Reside (Based on where a student Resides in relation to the attendance area)
2. Attend (Based on where the student may likely attend)

Capacity

- Provided by district administration and is the Instructional Capacity (IC) to ensure the appropriate space is available for the various student programming need
- Light orange shading is where the capacity exceeds the Instructional Capacity
- Should be annually examined to ensure appropriate education space is available

Other Items

- Enrollment Grade Configuration in Student Forecast Model: K-5, 6-8, 9-12
- Open enrollment trends are assumed to follow district policy and will continue like those trends during the projection time frame
- New Horizons students are tracked by Reside as Ninth grade Center or Troy Buchanan High School students
- The enrollment increase from 2020/21 to 2021/22 will need to be monitored to determine if it becomes an enrollment trend – likely driven by affordable homes and projected by new building inventory
- Future facility expansions (addition at Troy South MS and Troy South Elementary School) are not captured in projections
- An elementary boundary adjustment is needed to redistribute elementary students when the new school comes online

Projections by Building (Elementary)

Updated Capacity

Market Forecast	School	Enrollment Type	Past School Year			Projections Based on Residence				
			2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Boone Elementary Kdg to 5th Capacity 450	Reside/Attend	372	392	365						
	Reside	411	416	389	388	387	384	390	399	
	Attend	414	443	419	422	417	414	420	429	
Claude Brown Elementary Kdg to 5th Capacity 450	Reside/Attend	340	370	365						
	Reside	359	392	399	406	422	431	443	453	
	Attend	361	389	387	393	410	419	431	441	
Cuivre Park Elementary Kdg to 5th Capacity 650	Reside/Attend	514	578	583						
	Reside	548	610	617	643	662	687	676	670	
	Attend	546	602	619	644	664	689	678	672	
Hawk Point Elementary Kdg to 5th Capacity 150	Reside/Attend	122	132	136						
	Reside	151	162	173	179	178	176	181	177	
	Attend	134	139	142	148	147	145	150	146	
Lincoln Elementary Kdg to 5th Capacity 425	Reside/Attend	389	383	398						
	Reside	425	420	423	418	426	416	425	437	
	Attend	421	408	428	423	431	421	430	442	
Main Street Elementary Kdg to 5th Capacity 550	Reside/Attend	368	364	351						
	Reside	392	388	371	385	404	405	409	424	
	Attend	410	406	393	404	426	427	431	446	
William Cappel Elementary Kdg to 5th Capacity 575	Reside/Attend	498	546	578						
	Reside	520	570	618	655	677	694	741	772	
	Attend	520	571	602	640	661	678	725	756	
ELEMENTARY TOTAL Kdg to 5th Capacity 3,250	Reside/Attend	2,603	2,765	2,776						
	Reside	2,806	2,958	2,990	3,074	3,156	3,193	3,265	3,332	
	Attend	2,806	2,958	2,990	3,074	3,156	3,193	3,265	3,332	

Source: RSP & Associates, LLC - January 2023

Exceed district capacity

Note: When Elementary School #8 comes online in 2024/25, capacity challenges at facilities will be resolved.


Projections by Building (Secondary)

Updated Capacity

School	Enrollment Type	Past School Year			Projections Based on Residence					
		2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	
Troy MS 6th to 8th (Old capacity 1,697) Capacity 900	Reside/Attend	751	749	735						
	Reside	766	758	752	734	724	744	785	813	
	Attend	770	771	757	739	731	751	792	820	
Troy South MS 6th to 8th Capacity 875	Reside/Attend	740	819	743						
	Reside	759	841	758	784	775	833	802	852	
	Attend	755	828	753	779	768	826	795	845	
9th Grade Center 9th Capacity 620	Reside	536	542	573	558	558	525	572	535	
	Attend	536	542	573	558	556	524	571	534	
Troy Buchanan High 10th to 12th Capacity 1,700	Reside	1,368	1,469	1,443	1,614	1,624	1,647	1,603	1,620	
	Attend	1,449	1,589	1,555	1,502	1,525	1,550	1,498	1,511	
	Attend	1,368	1,469	1,443	1,502	1,525	1,550	1,498	1,511	
New Horizons 10th to 12th Capacity 80	Reside	0	1	3	0	0	0	0	0	
	Attend	81	121	115	112	101	98	106	110	
	Attend	81	121	115	112	101	98	106	110	
ELEMENTARY TOTAL Kdg to 5th Capacity 3,250	Reside/Attend	2,603	2,765	2,776						
	Reside	2,806	2,958	2,990	3,074	3,156	3,193	3,265	3,332	
	Attend	2,806	2,958	2,990	3,074	3,156	3,193	3,265	3,332	
MIDDLE TOTAL 6th to 8th Capacity 1,775	Reside/Attend	1,491	1,568	1,478						
	Reside	1,525	1,599	1,510	1,518	1,499	1,577	1,587	1,665	
	Attend	1,525	1,599	1,510	1,518	1,499	1,577	1,587	1,665	
HIGH TOTAL 9th to 12th Capacity 2,400	Reside	1,985	2,132	2,131	2,172	2,182	2,172	2,175	2,155	
	Attend	1,985	2,132	2,131	2,172	2,182	2,172	2,175	2,155	
DISTRICT TOTALS Kdg to 12th Capacity 7,425	Reside	6,316	6,689	6,631	6,764	6,837	6,942	7,027	7,152	
	Attend	6,316	6,689	6,631	6,764	6,837	6,942	7,027	7,152	

Market Forecast

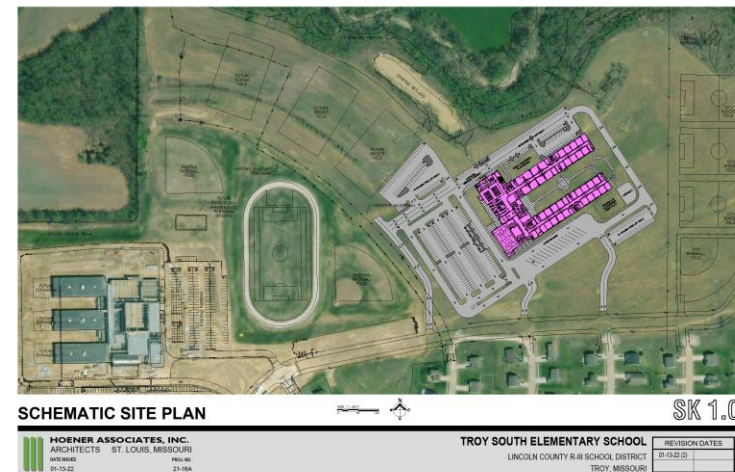
Source: RSP & Associates, LLC - January 2023

 Exceed district capacity

Note: Troy South MS capacity includes the 6-classroom addition planned to open in fall 2023/24 to resolve projected capacity challenges

Boundary Goals:

- ❑ Utilize the latest functional capacity for schools
- ❑ Plan for Troy South Elementary coming online in fall 2024/25
- ❑ Create future elementary attendance zone:
 - Utilizing the boundary criteria to establish new boundary for Troy South Elementary
 - Resolve current capacity challenges at other elementary schools
- ❑ Consider expansion at Hawk Point Elementary to be a two-section school about 300 student capacity
- ❑ Plan for future high school educational programming space (innovation, addition, etc.)



Boundary Criteria

All Boundary Criteria (alphabetized):

- Contiguous Planning Areas
- Demographic Considerations
- Duration of Boundaries
- Feeder System Considerations
- Fiscal Consideration - Capital
- Fiscal Consideration - Operational
- Neighborhoods Intact
- Projected Enrollment/Building Utilization
- Students Impacted by Boundary Change
- Transportation Considerations

Board prioritized Boundary Criteria (confirmed Feb, 2023):

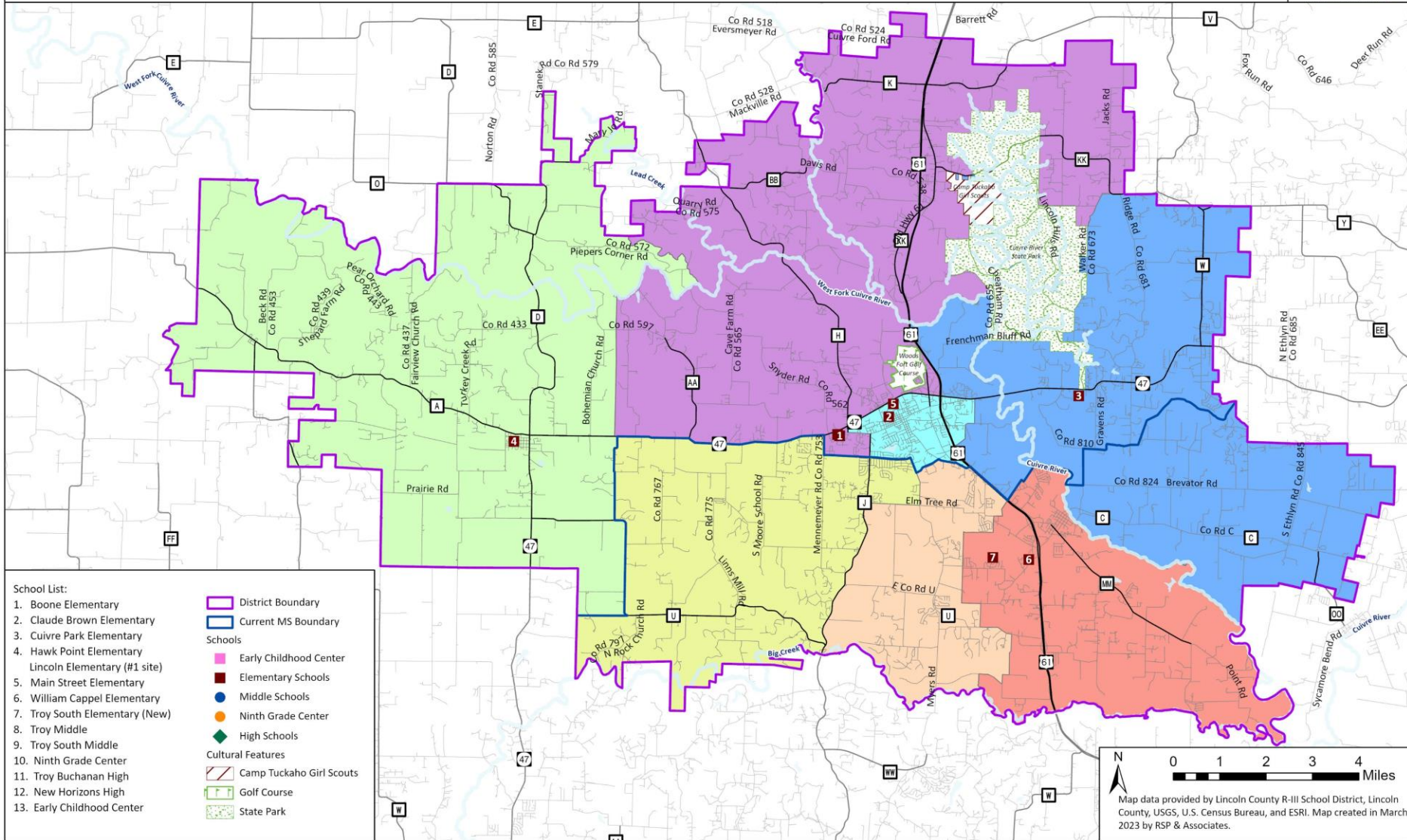
1. Projected Enrollment/Building Utilization
2. Feeder Systems
3. Neighborhoods Intact
4. Contiguous Planning Areas
5. Transportation Considerations

The following are always to be considered:

- *Exceptional education must take place at each facility in every option*
- *The goal is to minimize subjective comment and rumors to reach BOE goals and priorities, and yet provide for the educational need of each student*
- *Prioritized Boundary Criteria is to be used as the starting point and reference to being able to determine which boundary scenario will be best for the Lincoln County R-III School District community*

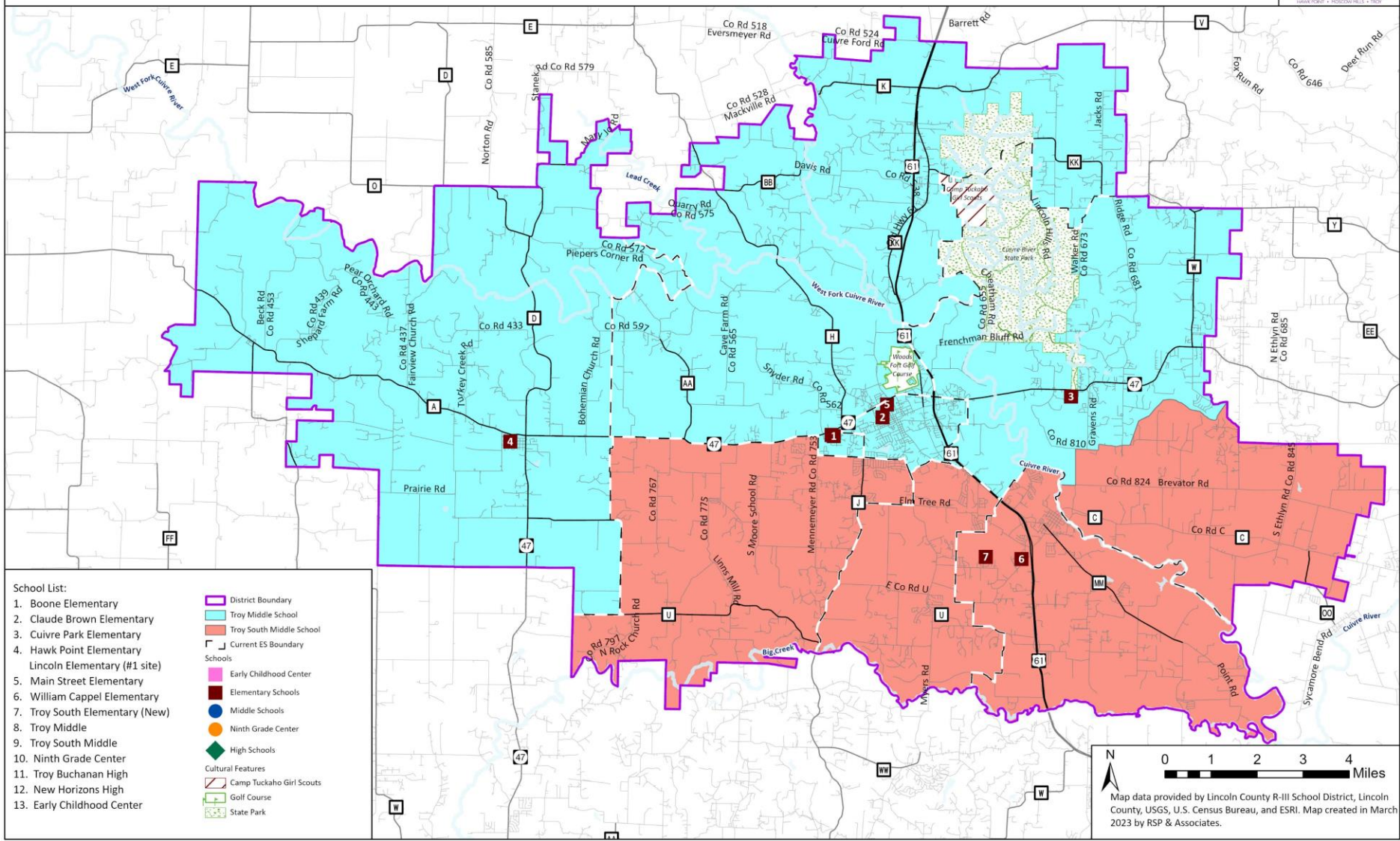
Current Elementary Boundary Map

Current Elementary Boundaries



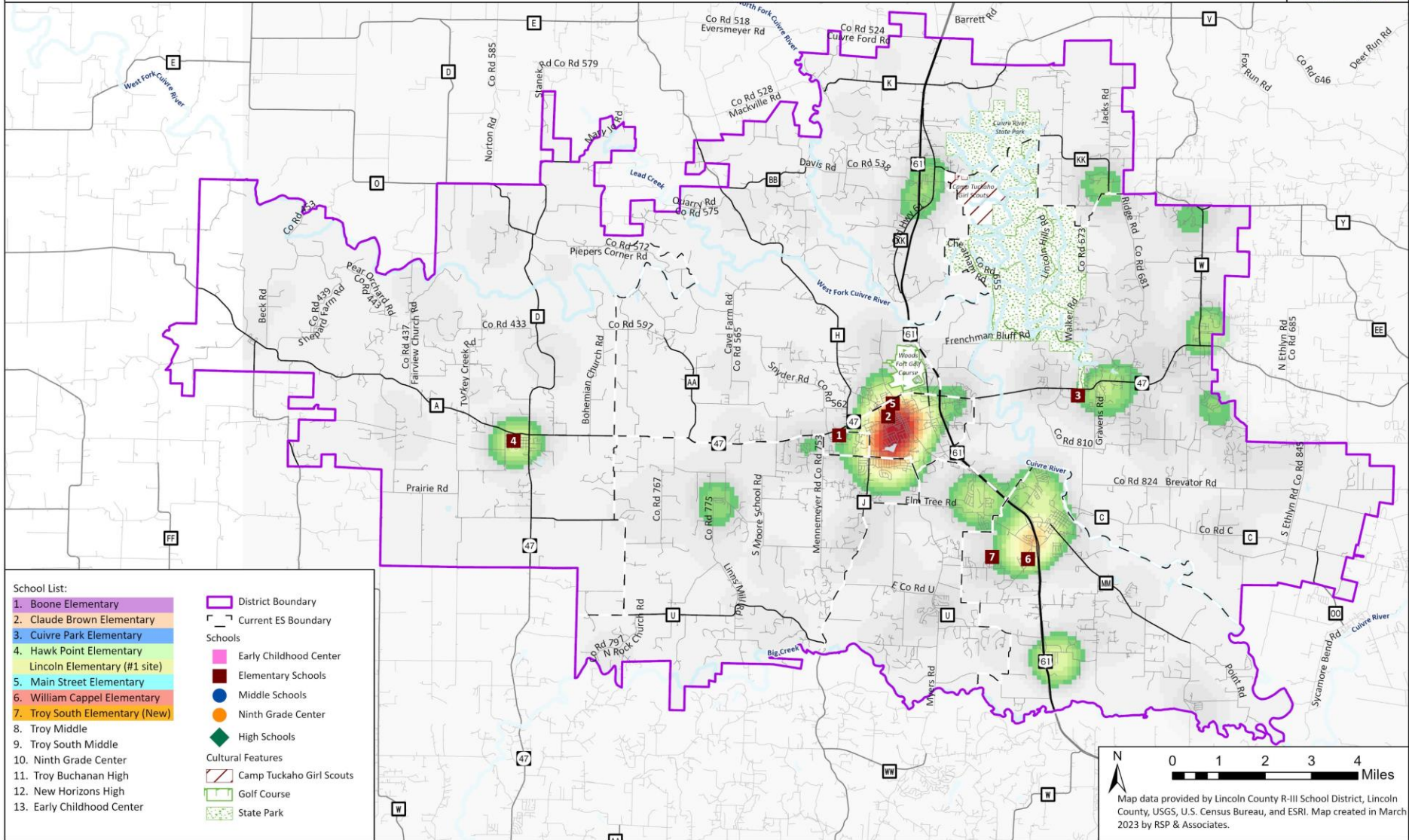
Middle School Boundary

Current Middle School Boundaries



FRL Heat Map

Student Heat Map: Free and Reduced Lunch Status 2022/23 Elementary Student Data



Current Elementary Projections

Current Projections											
<i>Elementary School</i>	<i>Capacity</i>	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Boone Elementary	450	388	387	384	390	399	86.2%	86.0%	85.3%	86.7%	88.7%
Claude Brown Elementary	400	406	422	431	443	453	101.5%	105.5%	107.8%	110.8%	113.3%
Cuivre Park Elementary	650	643	662	687	676	670	98.9%	101.8%	105.7%	104.0%	103.1%
Hawk Point Elementary	150	179	178	176	181	177	119.3%	118.7%	117.3%	120.7%	118.0%
Lincoln Elementary	425	418	426	416	425	437	98.4%	100.2%	97.9%	100.0%	102.8%
Main Street Elementary	550	385	404	405	409	424	70.0%	73.5%	73.6%	74.4%	77.1%
William Cappel Elementary	575	655	677	694	741	772	113.9%	117.7%	120.7%	128.9%	134.3%
Total Students	3,200	3,074	3,156	3,193	3,265	3,332	96.1%	98.6%	99.8%	102.0%	104.1%

Source: RSP and Lincoln County R-3, 2023

Note: Orange shading indicates when building is projected over building capacity.

- Challenges to resolve:
 - Claude Brown
 - Cuivre Park
 - Lincoln
 - William Cappel
- Future decision on ways to resolve challenges at Hawk Point are awaiting district direction

Current Analysis Tables

Elementary School	Current Race/Ethnicity Analysis														
	K-5 Total	Asian		Black		Hispanic		Multi-Racial		Native American		Pacific Islander		White	
		Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Boone Elementary	389		0.0%	6	1.5%	5	1.3%	19	4.9%		0.0%	2	0.5%	357	91.8%
Claude Brown Elementary	399	2	0.5%	8	2.0%	8	2.0%	14	3.5%		0.0%		0.0%	367	92.0%
Cuivre Park Elementary	617		0.0%	3	0.5%	8	1.3%	21	3.4%	1	0.2%		0.0%	584	94.7%
Hawk Point Elementary	173		0.0%	3	1.7%	8	4.6%	4	2.3%		0.0%		0.0%	158	91.3%
Lincoln Elementary	423		0.0%	2	0.5%	14	3.3%	23	5.4%		0.0%		0.0%	384	90.8%
Main Street Elementary	371		0.0%	8	2.2%	27	7.3%	28	7.5%		0.0%		0.0%	308	83.0%
William Cappel	618	2	0.3%	19	3.1%	32	5.2%	28	4.5%		0.0%		0.0%	537	86.9%
Total	2,990	4	0.1%	49	1.6%	102	3.4%	137	4.6%	1	0.0%	2	0.1%	2,695	90.1%

Source: Lincoln County R-3 School District and RSP

Current: Demographic Analysis		
Elementary School	Total	FRL
Boone Elementary	389	31.4%
Claude Brown Elementary	399	16.3%
Cuivre Park Elementary	617	32.9%
Hawk Point Elementary	173	34.7%
Lincoln Elementary	423	27.9%
Main Street Elementary	371	49.1%
William Cappel	618	30.1%
Total Students	2,990	31.3%

Source: Lincoln County R-3 School District and RSP

- Top table shows the number and percent of current students residing in each school boundary by their race/ethnicity
- Bottom table illustrates the total number of students and percent of the total students receiving Free and Reduced Lunch services that reside in each school boundary

Concept Evolution

Meeting 1:

- Two concept presented
- Potential revisions to investigate
 - Reduce Claude Brown ES by 40 students
 - Reduce Lincoln ES by 40 students
 - Increase Troy South ES by 50 to 100 students
 - Consider transportation improvements

Meeting 2:

- Two revised concepts presented
- Potential revisions to investigate:
 - Move northeast corner (along Hwy KK) back to Boone Elementary
 - Move Rockport neighborhood to Troy South Elementary
 - A potential concept that has Tropicana Village neighborhood attending Claude Brown Elementary
 - A potential concept that adjust the north boundary of Main Street
 - A potential concept that balances demographics between Main Street and Claude Brown elementary schools

Target enrollments:

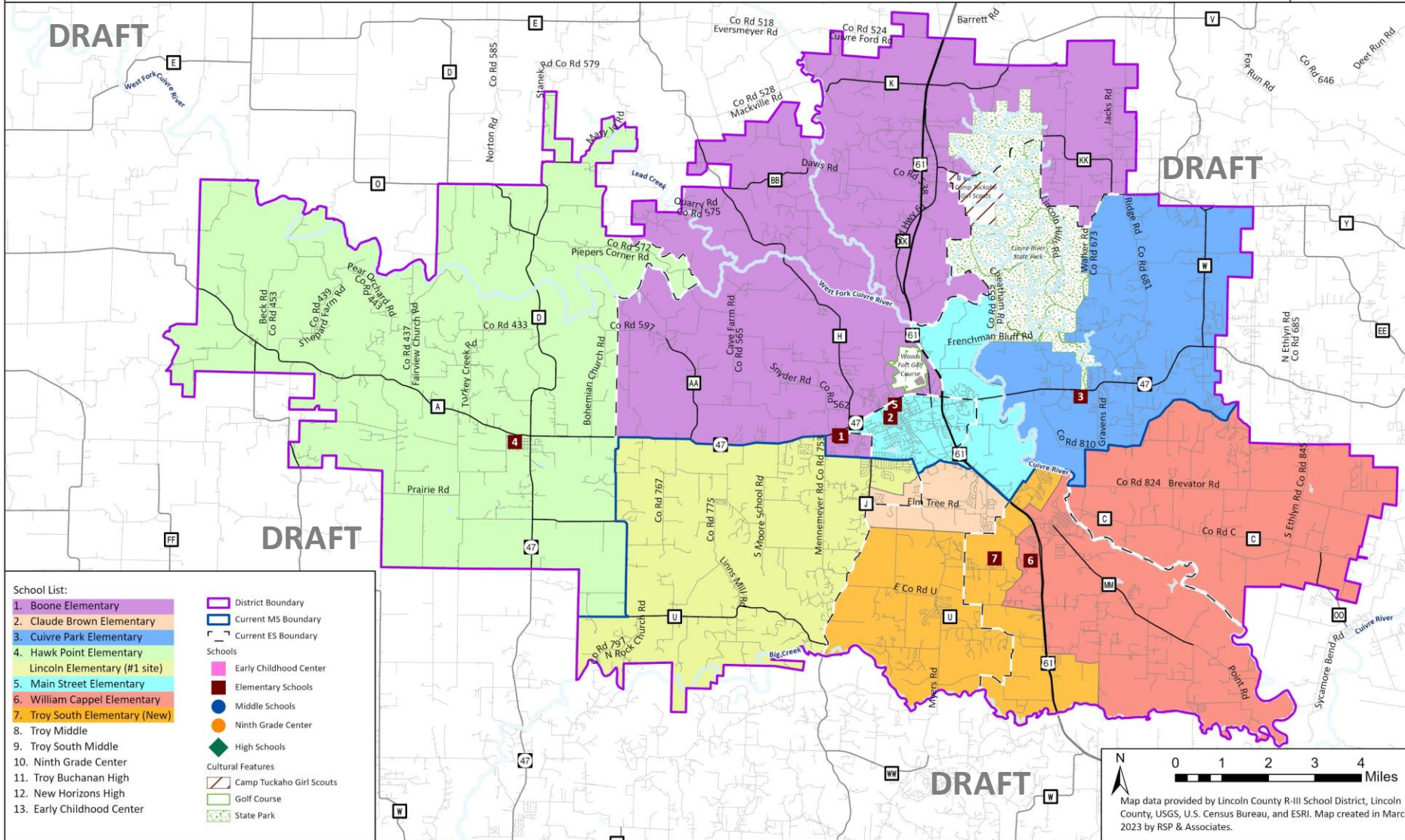
- Troy South ES: 500 students
- Claude Brown ES: 325 to 350 students
- Cuivre Park ES: 450 to 500 students
- Lincoln ES: 350 to 370 students

Concept A

This product is a work in progress.



Concept A Elementary Boundaries



- School List:**
1. Boone Elementary
 2. Claude Brown Elementary
 3. Cuivre Park Elementary
 4. Hawk Point Elementary
 5. Lincoln Elementary (#1 site)
 6. Main Street Elementary
 7. William Cappel Elementary
 8. Troy South Elementary (New)
 9. Troy Middle
 10. Troy South Middle
 11. Troy Buchanan High
 12. New Horizons High
 13. Early Childhood Center

- District Boundary
- Current MS Boundary
- Current ES Boundary
- Schools**
- Early Childhood Center
- Elementary Schools
- Middle Schools
- Ninth Grade Center
- High Schools
- Cultural Features**
- Camp Tuckaho Girl Scouts
- Golf Course
- State Park

N

0 1 2 3 4 Miles

Map data provided by Lincoln County R-III School District, Lincoln County, USGS, U.S. Census Bureau, and ESRI. Map created in March 2023 by RSP & Associates.

Concept A: Projections & SIBC

This product is a work in progress.

DRAFT Concept A Projections											
Elementary School	Capacity	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Boone Elementary	450	388	387	384	390	399	86.2%	86.0%	85.3%	86.7%	88.7%
Claude Brown Elementary	400	262	280	283	303	315	65.5%	70.0%	70.8%	75.8%	78.8%
Cuivre Park Elementary	650	543	559	582	568	565	83.5%	86.0%	89.5%	87.4%	86.9%
Hawk Point Elementary	150	179	178	176	181	177	119.3%	118.7%	117.3%	120.7%	118.0%
Lincoln Elementary	425	382	385	373	373	379	89.9%	90.6%	87.8%	87.8%	89.2%
Main Street Elementary	550	404	425	428	431	445	73.5%	77.3%	77.8%	78.4%	80.9%
Troy South Elementary	650	456	466	488	516	541	70.2%	71.7%	75.1%	79.4%	83.2%
William Cappel Elementary	575	459	475	482	500	509	79.8%	82.6%	83.8%	87.0%	88.5%
Total Students	3,850	3,073	3,155	3,196	3,262	3,330	79.8%	81.9%	83.0%	84.7%	86.5%

Source: RSP and Lincoln County R-3, 2023

Updated 04/03/23

Note: Orange shading indicates when building is projected over building capacity.

Concept A: Students Impacted in Boundary Change Analysis										Total Students Impacted	
Current Reside	Total K-3	Boone	Claude Brown	Cuivre Park	Hawk Point	Lincoln	Main Street	Troy South	William Cappel	Number	Percent
Boone Elementary	249									0	0%
Claude Brown Elementary	269							114		114	42%
Cuivre Park Elementary	435						13		53	66	15%
Hawk Point Elementary	121									0	0%
Lincoln Elementary	275		22							22	8%
Main Street Elementary	257									0	0%
William Cappel	424							178		178	42%
Total K-3 Students	2,030	0	22	0	0	0	13	292	53	380	19%

Source: Lincoln County R-3 School District and RSP

4/4/2023

Note: Table illustrates the number of K-3 students changing their residing boundary in this concept from the current boundaries; only K-3 students are included in this analysis because they will be 1st to 5th graders when the new boundary plan begins.

Main Takeaway:

- Capacity challenges resolved at Claude Brown, Lincoln, and William Cappel
- Establish 450 to 540 students at Troy South
- 380 current K-3 students impacted
- Troy South establishes enrollment from Claude Brown, and William Cappel

Concept A: Demographic Analysis Tables

DRAFT Elementary School	Concept A: Race/Ethnicity Analysis														
	K-5 Total	Asian		Black		Hispanic		Multi-Racial		Native American		Pacific Islander		White	
		Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Boone Elementary	389		0.0%	6	1.5%	5	1.3%	19	4.9%		0.0%	2	0.5%	357	91.8%
Claude Brown Elementary	251		0.0%	7	2.8%	11	4.4%	8	3.2%		0.0%		0.0%	225	89.6%
Cuivre Park Elementary	515		0.0%	3	0.6%	7	1.4%	17	3.3%	1	0.2%		0.0%	487	94.6%
Hawk Point Elementary	173		0.0%	3	1.7%	8	4.6%	4	2.3%		0.0%		0.0%	158	91.3%
Lincoln Elementary	392		0.0%	2	0.5%	11	2.8%	19	4.8%		0.0%		0.0%	360	91.8%
Main Street Elementary	392		0.0%	8	2.0%	27	6.9%	31	7.9%		0.0%		0.0%	326	83.2%
Troy South Elementary	425	4	0.9%	10	2.4%	15	3.5%	16	3.8%		0.0%		0.0%	380	89.4%
William Cappel	453		0.0%	10	2.2%	18	4.0%	23	5.1%		0.0%		0.0%	402	88.7%
Total	2,990	4	0.1%	49	1.6%	102	3.4%	137	4.6%	1	0.0%	2	0.1%	2,695	90.1%

Source: Lincoln County R-3 School District and RSP

4/4/2023

Concept A: Demographic Analysis		
Elementary School	Total	FRL
Boone Elementary	389	31.4%
Claude Brown Elementary	251	20.3%
Cuivre Park Elementary	515	31.8%
Hawk Point Elementary	173	34.7%
Lincoln Elementary	392	28.1%
Main Street Elementary	392	48.0%
Troy South Elementary	425	23.5%
William Cappel	453	31.1%
Total Students	2,990	31.3%

Source: Lincoln County R-3 School District and RSP

4/4/2023

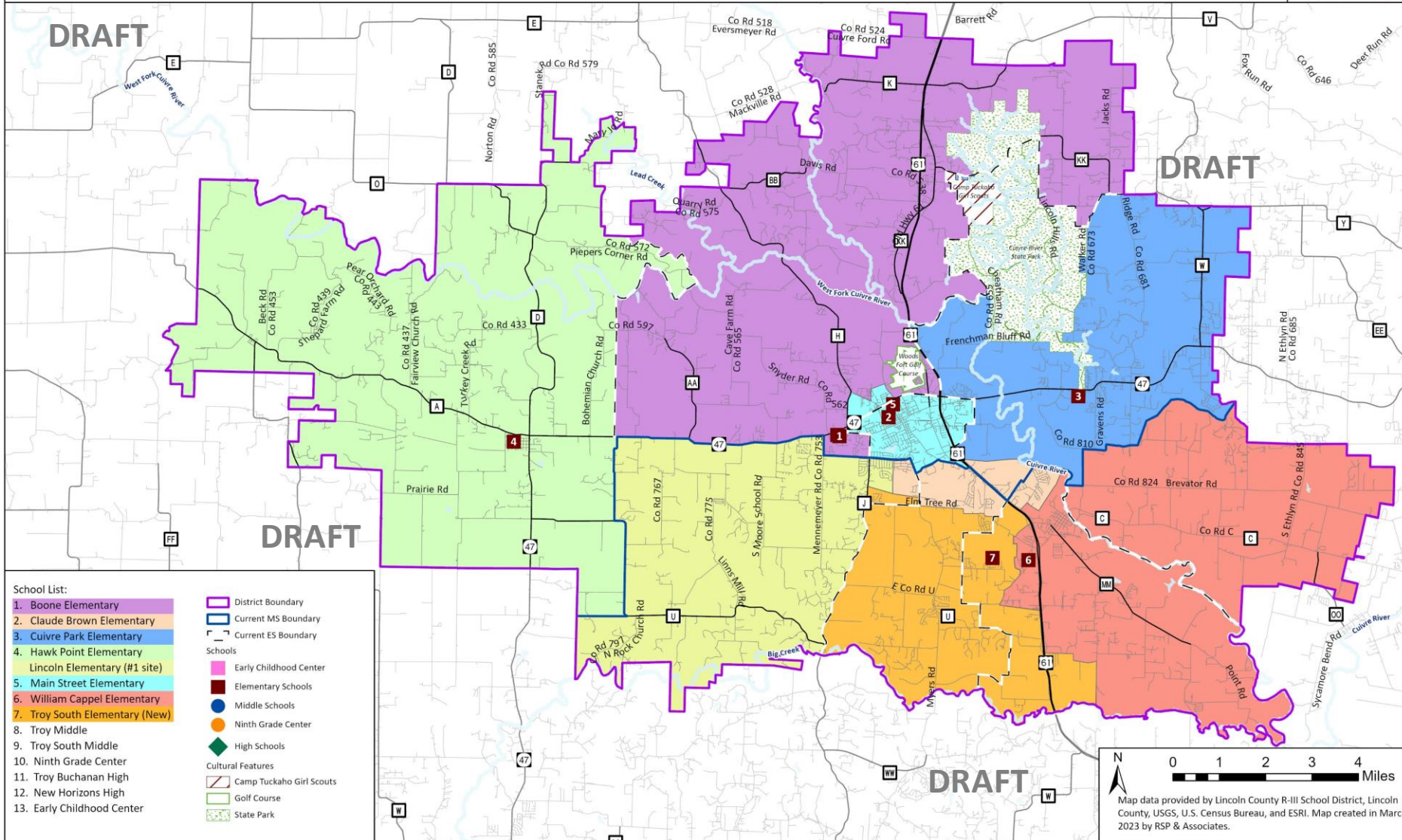
- With Concept A boundaries, no school shifts by more than 10% in any racial/ethnic category from the current boundaries
- Troy South new boundary established similar racial/ethnic breakdown as the other elementary schools
- Students receiving Free and Reduced Lunch status does not shift by more than 10% from the current boundaries
- Troy South new boundary established 23.5% of total students with FRL status
- Main Street remains the school with the highest FRL percentage in the district (48.0%, currently 49.1%)

Concept B

This product is a work in progress.



Concept B Elementary Boundaries



Concept B: Projections & SIBC

DRAFT Concept B Projections											
Elementary School	Capacity	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Boone Elementary	450	360	363	361	368	374	80.0%	80.7%	80.2%	81.8%	83.1%
Claude Brown Elementary	400	324	342	344	368	376	81.0%	85.5%	86.0%	92.0%	94.0%
Cuivre Park Elementary	650	557	572	595	580	576	85.7%	88.0%	91.5%	89.2%	88.6%
Hawk Point Elementary	150	179	178	176	181	177	119.3%	118.7%	117.3%	120.7%	118.0%
Lincoln Elementary	425	333	334	329	333	338	78.4%	78.6%	77.4%	78.4%	79.5%
Main Street Elementary	550	413	427	429	432	450	75.1%	77.6%	78.0%	78.5%	81.8%
Troy South Elementary	650	449	462	477	501	532	69.1%	71.1%	73.4%	77.1%	81.8%
William Cappel Elementary	575	459	475	482	500	509	79.8%	82.6%	83.8%	87.0%	88.5%
Total Students	3,850	3,074	3,153	3,193	3,263	3,332	79.8%	81.9%	82.9%	84.8%	86.5%

Source: RSP and Lincoln County R-3, 2023

Updated 04/03/23

Note: Orange shading indicates when building is projected over building capacity.

Concept B: Students Impacted in Boundary Change Analysis										Total Students Impacted	
Current Reside	Total K-3	Boone	Claude Brown	Cuivre Park	Hawk Point	Lincoln	Main Street	Troy South	William Cappel	Number	Percent
Boone Elementary	249						16			16	6%
Claude Brown Elementary	269							161		161	60%
Cuivre Park Elementary	435		3						53	56	13%
Hawk Point Elementary	121									0	0%
Lincoln Elementary	275		39					16		55	20%
Main Street Elementary	257									0	0%
William Cappel	424		66					112		178	42%
Total K-3 Students	2,030	0	108	0	0	0	16	289	53	466	23%

Source: Lincoln County R-3 School District and RSP

4/4/2023

Note: Table illustrates the number of K-3 students changing their residing boundary in this concept from the current boundaries; only K-3 students are included in this analysis because they will be 1st to 5th graders when the new boundary plan begins.

Main Takeaway:

- Capacity challenges resolved at Claude Brown, Lincoln, and William Cappel
- Establish 450 to 530 students at Troy South
- 466 current K-3 students impacted
- Troy South establishes enrollment from Claude Brown, Lincoln, and William Cappel

Concept B: Demographic Analysis Tables

DRAFT Elementary School	Concept B: Race/Ethnicity Analysis														
	K-5 Total	Asian		Black		Hispanic		Multi-Racial		Native American		Pacific Islander		White	
		Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Boone Elementary	358		0.0%	5	1.4%	3	0.8%	17	4.7%		0.0%		0.0%	333	93.0%
Claude Brown Elementary	306	1	0.3%	8	2.6%	18	5.9%	9	2.9%		0.0%		0.0%	270	88.2%
Cuivre Park Elementary	533		0.0%	3	0.6%	7	1.3%	20	3.8%	1	0.2%		0.0%	502	94.2%
Hawk Point Elementary	173		0.0%	3	1.7%	8	4.6%	4	2.3%		0.0%		0.0%	158	91.3%
Lincoln Elementary	343		0.0%	2	0.6%	6	1.7%	17	5.0%		0.0%		0.0%	318	92.7%
Main Street Elementary	402		0.0%	9	2.2%	29	7.2%	30	7.5%		0.0%	2	0.5%	332	82.6%
Troy South Elementary	422	3	0.7%	9	2.1%	13	3.1%	17	4.0%		0.0%		0.0%	380	90.0%
William Cappel	453		0.0%	10	2.2%	18	4.0%	23	5.1%		0.0%		0.0%	402	88.7%
Total	2,990	4	0.1%	49	1.6%	102	3.4%	137	4.6%	1	0.0%	2	0.1%	2,695	90.1%

Source: Lincoln County R-3 School District and RSP

4/4/2023

Concept B: Demographic Analysis		
Elementary School	Total	FRL
Boone Elementary	358	28.2%
Claude Brown Elementary	306	28.4%
Cuivre Park Elementary	533	31.9%
Hawk Point Elementary	173	34.7%
Lincoln Elementary	343	26.8%
Main Street Elementary	402	50.5%
Troy South Elementary	422	19.4%
William Cappel	453	31.1%
Total Students	2,990	31.3%

Source: Lincoln County R-3 School District and RSP

4/4/2023

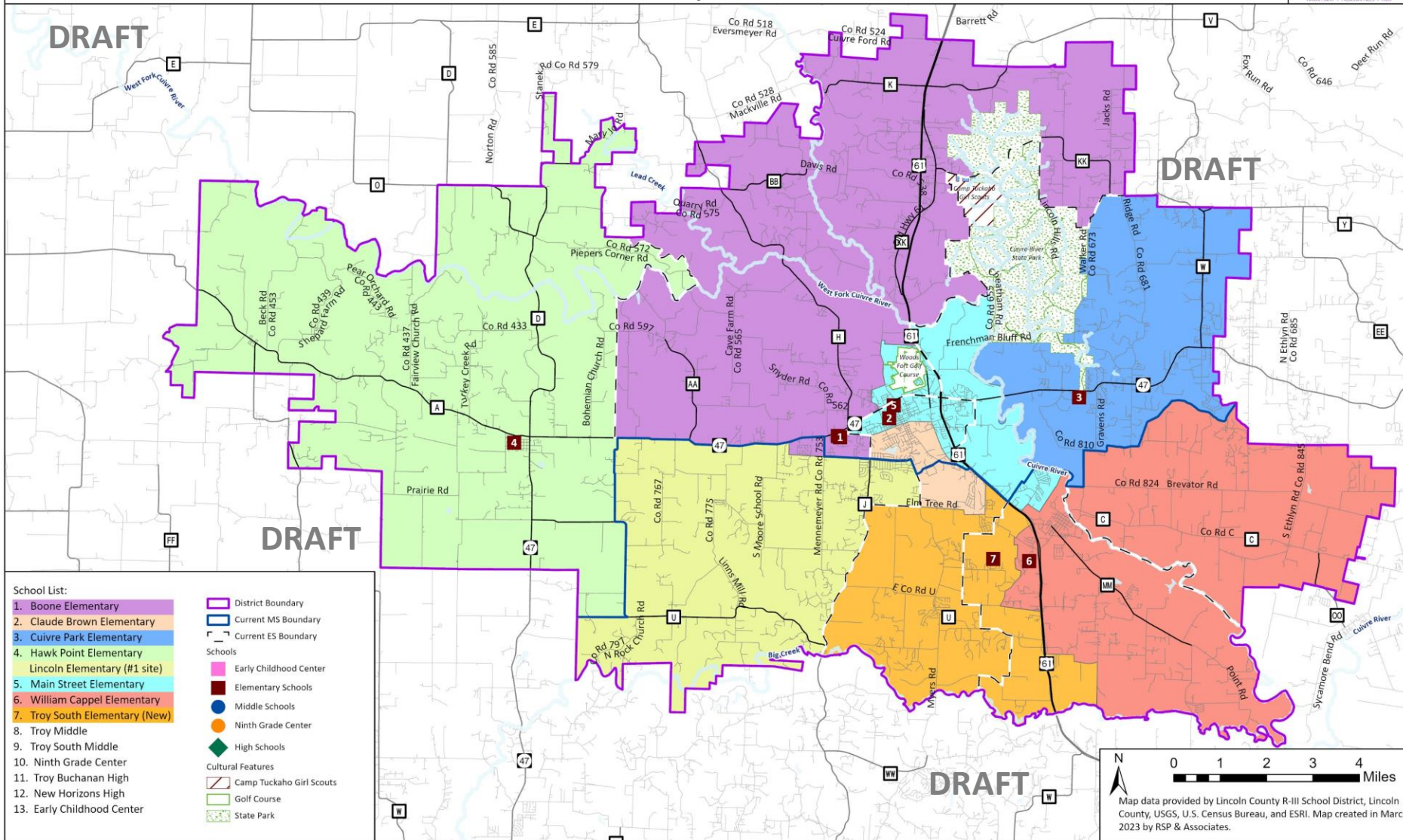
- With Concept B boundaries, no school shifts by more than 10% in any racial/ethnic category from the current boundaries
- Troy South new boundary established similar racial/ethnic breakdown as the other elementary schools
- Claude Brown students receiving Free and Reduced Lunch status increased by more than 10% from the current boundaries
- Troy South new boundary established 19.4% of total students with FRL status
- Main Street remains the school with the highest FRL percentage in the district (New: 50.5%, Current: 49.1%)

Concept C

This product is a work in progress.



Concept C Elementary Boundaries



- School List:**
1. Boone Elementary
 2. Claude Brown Elementary
 3. Cuivre Park Elementary
 4. Hawk Point Elementary
 5. Lincoln Elementary (#1 site)
 6. Main Street Elementary
 7. William Cappel Elementary
 8. Troy South Elementary (New)
 9. Troy Middle
 10. Troy South Middle
 11. Troy Buchanan High
 12. New Horizons High
 13. Early Childhood Center

- District Boundary
- Current MS Boundary
- Current ES Boundary
- Schools**
- Early Childhood Center
- Elementary Schools
- Middle Schools
- Ninth Grade Center
- High Schools
- Cultural Features**
- Camp Tuckaho Girl Scouts
- Golf Course
- State Park

N

0 1 2 3 4 Miles

Map data provided by Lincoln County R-III School District, Lincoln County, USGS, U.S. Census Bureau, and ESRI. Map created in March 2023 by RSP & Associates.

Concept C: Projections & SIBC

DRAFT Concept C Projections											
Elementary School	Capacity	2023/24	2024/25	2025/26	2026/27	2027/28	2023/24	2024/25	2025/26	2026/27	2027/28
Boone Elementary	450	391	391	386	390	394	86.9%	86.9%	85.8%	86.7%	87.6%
Claude Brown Elementary	400	332	359	360	371	390	83.0%	89.8%	90.0%	92.8%	97.5%
Cuivre Park Elementary	650	543	559	582	568	565	83.5%	86.0%	89.5%	87.4%	86.9%
Hawk Point Elementary	150	179	178	176	181	177	119.3%	118.7%	117.3%	120.7%	118.0%
Lincoln Elementary	425	376	381	372	378	392	88.5%	89.6%	87.5%	88.9%	92.2%
Main Street Elementary	550	327	334	340	357	363	59.5%	60.7%	61.8%	64.9%	66.0%
Troy South Elementary	650	466	478	497	516	544	71.7%	73.5%	76.5%	79.4%	83.7%
William Cappel Elementary	575	459	475	482	500	509	79.8%	82.6%	83.8%	87.0%	88.5%
Total Students	3,850	3,073	3,155	3,195	3,261	3,334	79.8%	81.9%	83.0%	84.7%	86.6%

Source: RSP and Lincoln County R-3, 2023

Updated 04/03/23

Note: Orange shading indicates when building is projected over building capacity.

Concept C: Students Impacted in Boundary Change Analysis										Total Students Impacted	
Current Reside	Total K-3	Boone	Claude Brown	Cuivre Park	Hawk Point	Lincoln	Main Street	Troy South	William Cappel	Number	Percent
Boone Elementary	249						25			25	10%
Claude Brown Elementary	269							190		190	71%
Cuivre Park Elementary	435						13		53	66	15%
Hawk Point Elementary	121									0	0%
Lincoln Elementary	275	30								30	11%
Main Street Elementary	257		147							147	57%
William Cappel	424						66	112		178	42%
Total K-3 Students	2,030	30	147	0	0	0	104	302	53	636	31%

Source: Lincoln County R-3 School District and RSP

4/4/2023

Note: Table illustrates the number of K-3 students changing their residing boundary in this concept from the current boundaries; only K-3 students are included in this analysis because they will be 1st to 5th graders when the new boundary plan begins.

Main Takeaway:

- Capacity challenges resolved at Claude Brown, Lincoln, and William Cappel
- Establish 470 to 540 students at Troy South
- 636 current K-3 students impacted
- Main Street and Claude Brown students are impacted to balance demographics
- Troy South establishes enrollment from Claude Brown and William Cappel

Concept C: Demographic Analysis Tables

DRAFT Elementary School	Concept C: Race/Ethnicity Analysis														
	K-5 Total	Asian		Black		Hispanic		Multi-Racial		Native American		Pacific Islander		White	
		Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
Boone Elementary	392		0.0%	7	1.8%	3	0.8%	21	5.4%		0.0%		0.0%	361	92.1%
Claude Brown Elementary	321		0.0%	12	3.7%	12	3.7%	18	5.6%		0.0%		0.0%	279	86.9%
Cuivre Park Elementary	515		0.0%	3	0.6%	7	1.4%	17	3.3%	1	0.2%		0.0%	487	94.6%
Hawk Point Elementary	173		0.0%	3	1.7%	8	4.6%	4	2.3%		0.0%		0.0%	158	91.3%
Lincoln Elementary	379		0.0%		0.0%	14	3.7%	18	4.7%		0.0%		0.0%	347	91.6%
Main Street Elementary	314	1	0.3%	5	1.6%	28	8.9%	20	6.4%		0.0%	2	0.6%	258	82.2%
Troy South Elementary	443	3	0.7%	9	2.0%	12	2.7%	16	3.6%		0.0%		0.0%	403	91.0%
William Cappel	453		0.0%	10	2.2%	18	4.0%	23	5.1%		0.0%		0.0%	402	88.7%
Total	2,990	4	0.1%	49	1.6%	102	3.4%	137	4.6%	1	0.0%	2	0.1%	2,695	90.1%

Source: Lincoln County R-3 School District and RSP

4/4/2023

Concept C: Demographic Analysis		
Elementary School	Total	FRL
Boone Elementary	392	28.1%
Claude Brown Elementary	321	38.0%
Cuivre Park Elementary	515	31.8%
Hawk Point Elementary	173	34.7%
Lincoln Elementary	379	28.5%
Main Street Elementary	314	45.2%
Troy South Elementary	443	20.1%
William Cappel	453	31.1%
Total Students	2,990	31.3%

Source: Lincoln County R-3 School District and RSP

4/4/2023

- With Concept C boundaries, no school shifts by more than 10% in any racial/ethnic category from the current boundaries
- Troy South new boundary established similar racial/ethnic breakdown as the other elementary schools
- Claude Brown students receiving Free and Reduced Lunch status increased by more than 10% from the current boundaries
- Main Street FRL percentage decreases to 45.2% -- students in this area are distributed between Claude Brown and Main Street
- Troy South new boundary established 20.1% of total students with FRL status

Concept Comparison

This product is a work in progress.

School	Target Enrollment (Excluding Pre-K)	Concept A	Concept B	Concept C
Troy South ES	500 students	456 to 541 students	449 to 532 students	466 to 544 students
Claude Brown ES	325 to 350 students	262 to 315 students	324 to 376 students	332 to 390 students
Cuivre Park ES	450 to 500 students	543 to 565 students	557 to 576 students	543 to 565 students
Lincoln ES	350 to 370 students	382 to 379 students	333 to 338 students	376 to 392 students

Concept A	Concept B	Concept C
380 students impacted	466 students impacted	636 student impacted
Troy South north/south boundary	Troy South north/south boundary	Troy South north/south boundary
Tropicana Village Neighborhood in Troy South boundary	Tropicana Village Neighborhood in Claude Brown boundary	Tropicana Village neighborhood in Main Street boundary
Main Street expanded east to the river	Main Street expanded north of Hwy 47	Main Street and Claude Brown divided central Troy neighborhoods
Areas impacted are geographically smaller, but have higher student density	Areas impacted are geographically smaller, but have higher student density	New boundaries for Main Street, Boone, and Claude Brown create broken feeders to middle schools