

Facility Planning Committee

April 5, 2023



Committee Purpose:

The Facility Planning Committee examines and evaluates boundary alternatives and recommends options for a comprehensive boundary master plan to the Board of Education.



Board of Education Goal for 2022-23

“Blue Valley Schools will evaluate school boundaries and develop a plan to address elementary school enrollment and building capacity issues.”



School Discussions

Recommended schools for discussion
from the March 1st meeting:

Oxford Middle
Leawood Elementary
Mission Trail Elementary
Overland Trail Elementary
Valley Park Elementary



School Discussions

TOOLS FOR ENROLLMENT ADJUSTMENTS

- Closure to incoming transfers
- Reclaim program space
- Building additions or modifications
- New school construction
- Adjust attendance boundaries



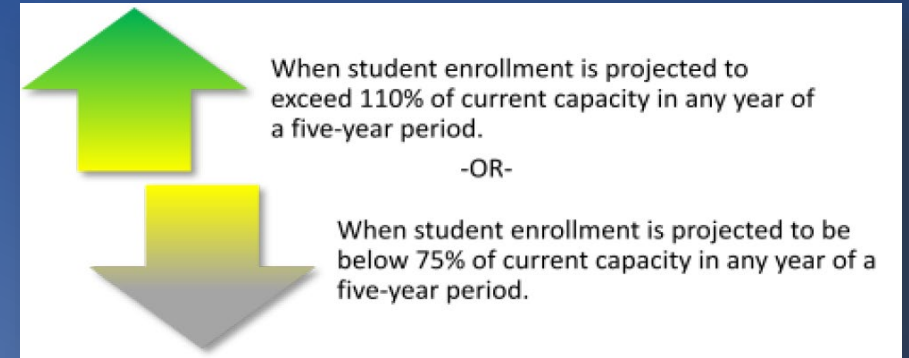
Understanding the Colors

Projection table key:

Green cells: Exceeds 110% capacity

Yellow cells: Between 75% and 110% capacity

Gray cells: Below 75% capacity



Also: Elementary projections in **blue text** highlight schools where a projection exceeds 600 students. This will not always exceed 110% capacity for available classrooms but represents a number that creates challenges for shared spaces and resources.



Oxford Middle



Current

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
7. Oxford	570	539	579	612	Low	619	580	582	565	570
					Mid	636	613	632	633	657
					High	654	645	681	701	744
7. Oxford	570	539	579	612	Low	108.5%	101.7%	102.2%	99.2%	100.0%
					Mid	111.7%	107.5%	110.9%	111.1%	115.3%
					High	114.8%	113.2%	119.5%	123.1%	130.6%

- Enrollment is expected to remain fairly level and at or just above the 110% utilization threshold. Essentially a continuation of current capacity



Oxford Middle



Adjusted Capacity

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
7. Oxford	630	539	579	612	Low	619	598	593	575	577
					Mid	636	633	646	648	670
					High	654	668	698	721	764
7. Oxford	630	539	579	612	Low	98.2%	94.9%	94.1%	91.2%	91.6%
					Mid	101.0%	100.5%	102.5%	102.8%	106.4%
					High	103.8%	106.1%	110.8%	114.4%	121.2%

- Reclaiming special education program space within the building raises the capacity to 630.
- The change in enrollment projection for years 2024/25 and beyond is the result of adjustments to the attendance area described in later slides.



Leawood Elementary



Current

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
9. Leawood	24	536	558	560	Low	543	528	506	512	496
					Mid	564	567	559	578	567
2 mobile classrooms					High	586	607	612	645	638

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
9. Leawood	24	25	Low	24	22	22	23	22
			Mid	24	24	23	24	24
2 mobile classrooms			High	26	28	28	29	29

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
9. Leawood	24	25	Low	100.0%	91.7%	91.7%	95.8%	91.7%
			Mid	100.0%	100.0%	95.8%	100.0%	100.0%
			High	108.3%	116.7%	116.7%	120.8%	120.8%

- High projections show the possibility that the school will exceed 600 students and 110% of current capacity, but mid-range projections are level and show a building that is 100% utilized.



Leawood Elementary



Adjusted Capacity

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
9. Leawood	26	536	558	560	Low	543	528	506	512	496
Mid					564	567	559	578	567	
High					586	607	612	645	638	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
9. Leawood	26	25	Low	24	22	22	23	22
Mid			24	24	23	24	24	
High			26	28	28	29	29	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
9. Leawood	26	25	Low	92.3%	84.6%	84.6%	88.5%	84.6%
Mid			92.3%	92.3%	88.5%	92.3%	92.3%	
High			100.0%	107.7%	107.7%	111.5%	111.5%	

- With the planned addition of at least two new classrooms, the adjusted projections show a possibility of capacity exceeding 110% only in the last two years of the high projection. This represents the minimum expected impact of a building addition.



Mission Trail Elementary



Current

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
11. Mission Trail	18	381	374	379	Low	369	368	363	371	390
Mid					385	402	407	422	443	
High					401	437	450	472	496	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
11. Mission Trail	18	19	Low	17	17	17	17	19
			Mid	19	19	18	18	19
			High	19	20	20	22	23

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
11. Mission Trail	18	19	Low	94.4%	94.4%	94.4%	94.4%	105.6%
			Mid	105.6%	105.6%	100.0%	100.0%	105.6%
			High	105.6%	111.1%	111.1%	122.2%	127.8%

- High projections show the possibility that the school will exceed 110% of current capacity, but mid-range projections are level and show a building that is 100% utilized.



Mission Trail Elementary



Adjusted Capacity

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
11. Mission Trail	20	381	374	379	Low	369	368	363	371	390
Mid					385	402	407	422	443	
High					401	437	450	472	496	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
11. Mission Trail	20	18	Low	17	17	17	17	19
			Mid	19	19	18	18	19
			High	19	20	20	22	23

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
11. Mission Trail	20	18	Low	85.0%	85.0%	85.0%	85.0%	95.0%
			Mid	95.0%	95.0%	90.0%	90.0%	95.0%
			High	95.0%	100.0%	100.0%	110.0%	115.0%

- Reclaiming special education program space adds two available sections to MTE's current capacity.
- The adjustment results in just a single high projection that exceeds 110%, in year 5.



Boundary Criteria for Existing Schools

- 1. Projected Enrollment and Building Utilization:** Building utilization, student enrollment, staffing needs and educational programs. Where possible, attendance boundaries should be created to anticipate the projected enrollment and the program/current capacity of the building. Efficient building utilization should attempt to maximize student population without exceeding capacity long-term.
- 2. Duration of Boundaries:** The ability of an attendance area to accommodate the anticipated enrollments for a projected period. Where possible, attendance areas should be stabilized to limit the number of boundary changes experienced by students.
- 3. Fiscal Considerations – Operational:** Where possible, boundaries should be planned to maximize district resources in a fiscally responsible manner and take advantage of economies of scale. This factor should consider staffing requirements, educational program needs, and other operational costs.
- 4. Feeder System Considerations:** Where possible, create boundaries between elementary, middle, and high schools to have as many schools as possible at each educational level advance students as one group to the next higher educational level.
- 5. Neighborhoods Intact Within Attendance Areas:** Where possible, boundaries should be structured to maintain a neighborhood within one school's attendance area. Neighborhoods should not be split between two schools. A neighborhood is defined as the smallest division of a subdivision and/or an area that can be subdivided by a natural line of demarcation, such as a stream or major traffic way.
- 6. Contiguous Attendance Areas:** Where possible, contiguous attendance areas should be maintained.
- 7. Students Impacted by a Boundary Change:** Where possible, minimize the number of existing students impacted by a boundary change. Consideration should be given that not only can too many students be affected by a potential boundary change, but also that moving a small number of students from one particular school could have a negative impact as well.
- 8. Transportation Considerations:** While students may not necessarily attend the closest school; distance, transportation time, and routing should be considered, and minimized where possible, in formulating attendance boundaries.
- 9. Fiscal Considerations – Capital:** The impact on capital costs should be considered. This factor should consider new facility construction, building additions and/or remodeling, mobile classrooms, demountable wall relocations, and other capital costs.

Overland Trail Elementary



Current

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
14. Overland Trail	28	572	593	586	Low	562	558	553	550	533
					Mid	594	625	652	668	658
2 mobile classrooms					High	627	692	751	786	782

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
14. Overland Trail	28	26	Low	26	23	24	25	24
			Mid	26	28	29	30	28
2 mobile classrooms			High	27	28	31	32	33

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
14. Overland Trail	28	26	Low	92.9%	82.1%	85.7%	89.3%	85.7%
			Mid	92.9%	100.0%	103.6%	107.1%	100.0%
2 mobile classrooms			High	96.4%	100.0%	110.7%	114.3%	117.9%

- High projections show the possibility that the school will exceed 600 students and 110% of current capacity, but mid-range projections are level and show a building that is 100% utilized.
- Enrollment may exceed 600 during the projection period.
- Strategies already implemented include transfer closure, temporary classrooms, and special education program relocation.



Overland Trail Elementary



Adjusted Boundary

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
14. Overland Trail	28	572	593	586	Low	562	501	499	499	483
Mid					594	556	579	599	591	
High					627	611	659	698	699	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
14. Overland Trail	28	26	Low	26	22	23	22	21
Mid			26	22	24	25	24	
High			27	28	29	30	30	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
14. Overland Trail	28	26	Low	92.9%	78.6%	82.1%	78.6%	75.0%
Mid			92.9%	78.6%	85.7%	89.3%	85.7%	
High			96.4%	100.0%	103.6%	107.1%	107.1%	

Draft Amendments (Effective 2024/25):

Subtractions

- Savoy and Sandstone Creek to Harmony
- Quail Crest, Villas of Chapel Green, Glen Abbey, Highland Villas, and Highlands Creek to Prairie Star

Additions

- Deer Creek (S. of 127th) from Valley Park



Valley Park Elementary



Current

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
21. Valley Park	35	638	641	647	Low	587	563	535	507	493
Mid					643	648	649	641	628	
High					698	733	762	775	763	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
21. Valley Park	35	30	Low	25	24	24	23	22
Mid			27	29	29	29	26	
High			29	31	32	32	31	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
21. Valley Park	35	30	Low	71.4%	68.6%	68.6%	65.7%	62.9%
Mid			77.1%	82.9%	82.9%	82.9%	74.3%	
High			82.9%	88.6%	91.4%	91.4%	88.6%	

- While the building has ample classroom space, it is projected to have more than 600 students during each year of the projection period.
- Strategies already implemented include transfer closure, temporary classrooms, building additions and modifications, and special education program relocation.



Valley Park Elementary



Adjusted Boundary

School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
21. Valley Park	35	638	641	647	Low	587	521	497	470	456
Mid					643	597	599	590	577	
High					698	673	701	711	698	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
21. Valley Park	35	30	Low	25	24	22	21	21
Mid			27	25	26	25	25	
High			29	29	30	31	30	

School	Current Capacity (22/23)	2022/23 Sections	Projection Type	Projection Year				
				2023/24	2024/25	2025/26	2026/27	2027/28
21. Valley Park	35	30	Low	71.4%	68.6%	62.9%	60.0%	60.0%
Mid			77.1%	71.4%	74.3%	71.4%	71.4%	
High			82.9%	82.9%	85.7%	88.6%	85.7%	

Draft Amendments (Effective 2024/25):

Subtractions

- Autumn Park (Arcadia), Villages of Overland View, and Executive Hills to Cottonwood Point
- Deer Creek (S. of 127th) to Overland Trail

Additions

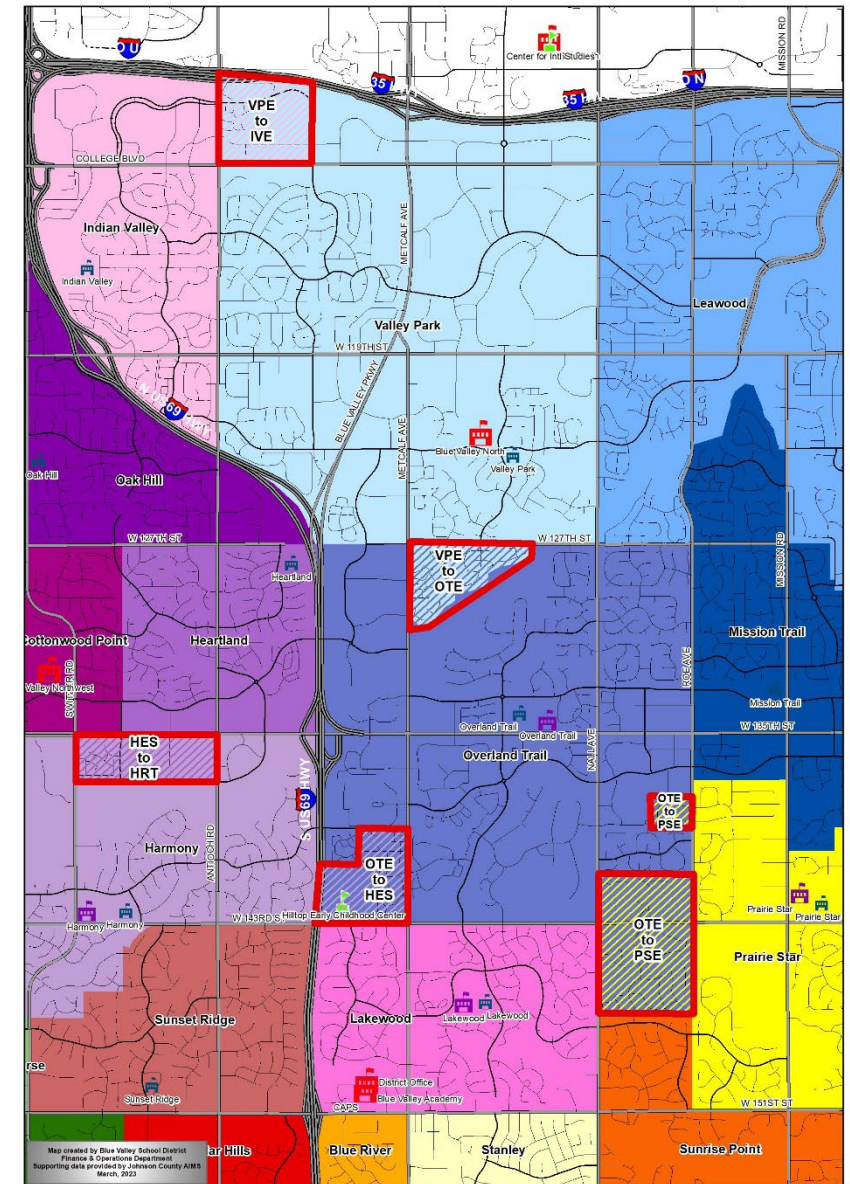
- None



Draft Adjustments

Neighborhood Planning Area	Proposed Change	2024/25 Projected Elementary Students
Autumn Park (Arcadia)	Valley Park to Indian Valley	28
Villages of Overland View		
Executive Hills		
Deer Creek (S. of 127 th St)	Valley Park to Overland Trail	23
Sandstone Creek	Overland Trail to Harmony	53
Savoy		
Villas of Carrington Square Area	Harmony to Heartland	52
Quail Crest	Overland Trail to Prairie Star	40
Glen Abbey & Villas of Chapel Green		
Highland Villas & Highlands Creek		

Blue Valley North Feeder Elementary Analysis



DRAFT



Draft Adjustments

Pre-Adjustment Projections

Blue Valley Elementary Schools 5-Year Enrollment Projections: 2023/24 to 2027/28										
School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
5. Harmony	24	503	501	508	Low	499	473	470	451	446
Mid					512	494	499	484	483	
High					524	515	528	517	520	
6. Heartland	18	368	380	358	Low	376	364	357	361	352
Mid					382	376	374	383	375	
High					389	388	391	404	398	
7. Indian Valley	19	329	348	356	Low	349	345	345	345	337
Mid					361	367	374	378	374	
High					373	388	402	412	411	
14. Overland Trail	28	572	593	586	Low	562	558	553	550	533
Mid					594	625	652	668	658	
High					627	692	751	786	782	
2 mobile classrooms										
15. Prairie Star	20	367	366	381	Low	387	385	374	369	382
Mid					397	403	398	398	415	
High					407	422	422	428	449	
21. Valley Park	35	638	641	647	Low	587	563	535	507	493
Mid					643	648	649	641	628	
High					698	733	762	775	763	
2 mobile classrooms										



Draft Adjustments

Post-Adjustment Projections

Blue Valley Elementary Schools 5-Year Enrollment Projections: 2023/24 to 2027/28										
School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
5. Harmony	24	503	501	508	Low	499	467	454	440	435
Mid					512	499	499	490	485	
High					524	530	544	540	536	
6. Heartland	18	368	380	358	Low	376	410	414	414	401
Mid					382	424	434	439	428	
High					389	439	454	464	455	
7. Indian Valley	19	329	348	356	Low	349	366	364	361	354
Mid					361	394	401	403	400	
High					373	422	438	446	446	
14. Overland Trail	28	572	593	586	Low	562	501	499	499	483
Mid					594	556	579	599	591	
High					627	611	659	698	699	
2 mobile classrooms										
15. Prairie Star	20	367	366	381	Low	387	422	408	400	414
Mid					397	443	434	432	451	
High					407	463	461	463	488	
21. Valley Park	35	638	641	647	Low	587	521	497	470	456
Mid					643	597	599	590	577	
High					698	673	701	711	698	
2 mobile classrooms										



Current Projections

Blue Valley Middle Schools 5-Year Enrollment Projections: 2023/24 to 2027/28										
School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
1. Aubry Bend	780	758	777	818	Low	787	763	730	735	732
					Mid	819	828	827	864	893
					High	850	893	925	993	1,055
2. Blue Valley	720	563	562	559	Low	556	556	562	546	532
					Mid	576	600	628	635	641
					High	596	644	695	725	750
3. Harmony	720	551	533	519	Low	468	464	450	450	415
					Mid	479	485	479	491	463
					High	490	506	508	531	510
4. Lakewood	750	582	588	581	Low	523	519	459	462	437
					Mid	540	551	501	515	499
					High	557	583	542	569	561
5. Leawood	600	488	478	460	Low	470	458	482	447	442
					Mid	496	504	549	532	548
					High	521	550	616	616	654
6. Overland Trail	630	593	508	542	Low	553	529	500	482	505
					Mid	580	592	604	630	701
					High	608	654	708	778	897
7. Oxford	570	539	579	612	Low	619	580	582	565	570
					Mid	636	613	632	633	657
					High	654	645	681	701	744
8. Pleasant Ridge	750	611	598	606	Low	567	543	533	507	481
					Mid	579	565	569	556	541
					High	590	588	605	606	600
9. Prairie Star	660	437	441	441	Low	429	410	418	413	390
					Mid	441	433	452	456	440
					High	454	456	487	499	490



Draft Projections

Blue Valley Middle Schools 5-Year Enrollment Projections: 2023/24 to 2027/28										
School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
1. Aubry Bend	780	758	777	818	Low	787	763	730	735	732
					Mid	819	828	827	864	893
					High	850	893	925	993	1,055
2. Blue Valley	720	563	562	559	Low	556	556	562	546	532
					Mid	576	600	628	635	641
					High	596	644	695	725	750
3. Harmony	720	551	533	519	Low	491	484	465	463	430
					Mid	502	511	504	513	490
					High	514	537	542	563	551
4. Lakewood	750	582	588	581	Low	523	519	459	462	437
					Mid	540	551	501	515	499
					High	557	583	542	569	561
5. Leawood	600	488	478	460	Low	470	458	482	447	442
					Mid	496	504	549	532	548
					High	521	550	616	616	654
6. Overland Trail	630	593	508	542	Low	494	477	457	439	466
					Mid	519	531	547	568	639
					High	543	585	636	698	812
7. Oxford	630	539	579	612	Low	640	598	593	575	577
					Mid	659	633	646	648	670
					High	678	668	698	721	764
8. Pleasant Ridge	750	611	598	606	Low	567	543	533	507	481
					Mid	579	565	569	556	541
					High	590	588	605	606	600
9. Prairie Star	600	437	441	441	Low	444	424	435	434	408
					Mid	457	448	472	481	461
					High	470	472	508	527	515



Current Projections

Blue Valley High Schools 5-Year Enrollment Projections: 2023/24 to 2027/28										
School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
1. Blue Valley	1,680	1,556	1,483	1,474	Low	1,395	1,357	1,359	1,309	1,285
					Mid	1,439	1,444	1,488	1,476	1,493
					High	1,483	1,531	1,617	1,644	1,702
2. North	1,716	1,494	1,529	1,497	Low	1,427	1,361	1,271	1,273	1,241
					Mid	1,482	1,477	1,450	1,520	1,562
					High	1,536	1,592	1,628	1,768	1,883
3. Northwest	1,723	1,577	1,581	1,486	Low	1,453	1,490	1,442	1,406	1,394
					Mid	1,491	1,510	1,486	1,468	1,462
					High	1,530	1,530	1,530	1,530	1,530
4. Southwest	1,687	1,064	1,063	1,053	Low	1,026	1,004	974	935	929
					Mid	1,073	1,097	1,112	1,114	1,186
					High	1,120	1,190	1,251	1,293	1,444
5. West	1,716	1,590	1,628	1,581	Low	1,607	1,551	1,468	1,401	1,343
					Mid	1,644	1,625	1,577	1,547	1,521
					High	1,680	1,699	1,687	1,694	1,699



Draft Projections

Blue Valley High Schools 5-Year Enrollment Projections: 2023/24 to 2027/28										
School	Current Capacity (22/23)	2020/21 Enrollment	2021/22 Enrollment	2022/23 Enrollment	Projection Type	Projection Year				
						2023/24	2024/25	2025/26	2026/27	2027/28
1. Blue Valley	1,680	1,556	1,483	1,474	Low	1,449	1,405	1,397	1,332	1,305
					Mid	1,495	1,494	1,529	1,503	1,517
					High	1,540	1,583	1,662	1,673	1,729
2. North	1,716	1,494	1,529	1,497	Low	1,322	1,264	1,180	1,198	1,172
					Mid	1,373	1,370	1,342	1,425	1,469
					High	1,424	1,477	1,505	1,653	1,766
3. Northwest	1,723	1,577	1,581	1,486	Low	1,504	1,539	1,495	1,458	1,442
					Mid	1,545	1,562	1,540	1,521	1,513
					High	1,585	1,585	1,585	1,585	1,585
4. Southwest	1,687	1,064	1,063	1,053	Low	1,026	1,004	974	935	929
					Mid	1,073	1,097	1,112	1,114	1,186
					High	1,120	1,190	1,251	1,293	1,444
5. West	1,716	1,590	1,628	1,581	Low	1,607	1,551	1,468	1,401	1,343
					Mid	1,644	1,625	1,577	1,547	1,521
					High	1,680	1,699	1,687	1,694	1,699

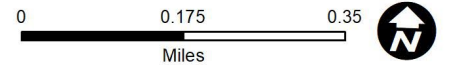
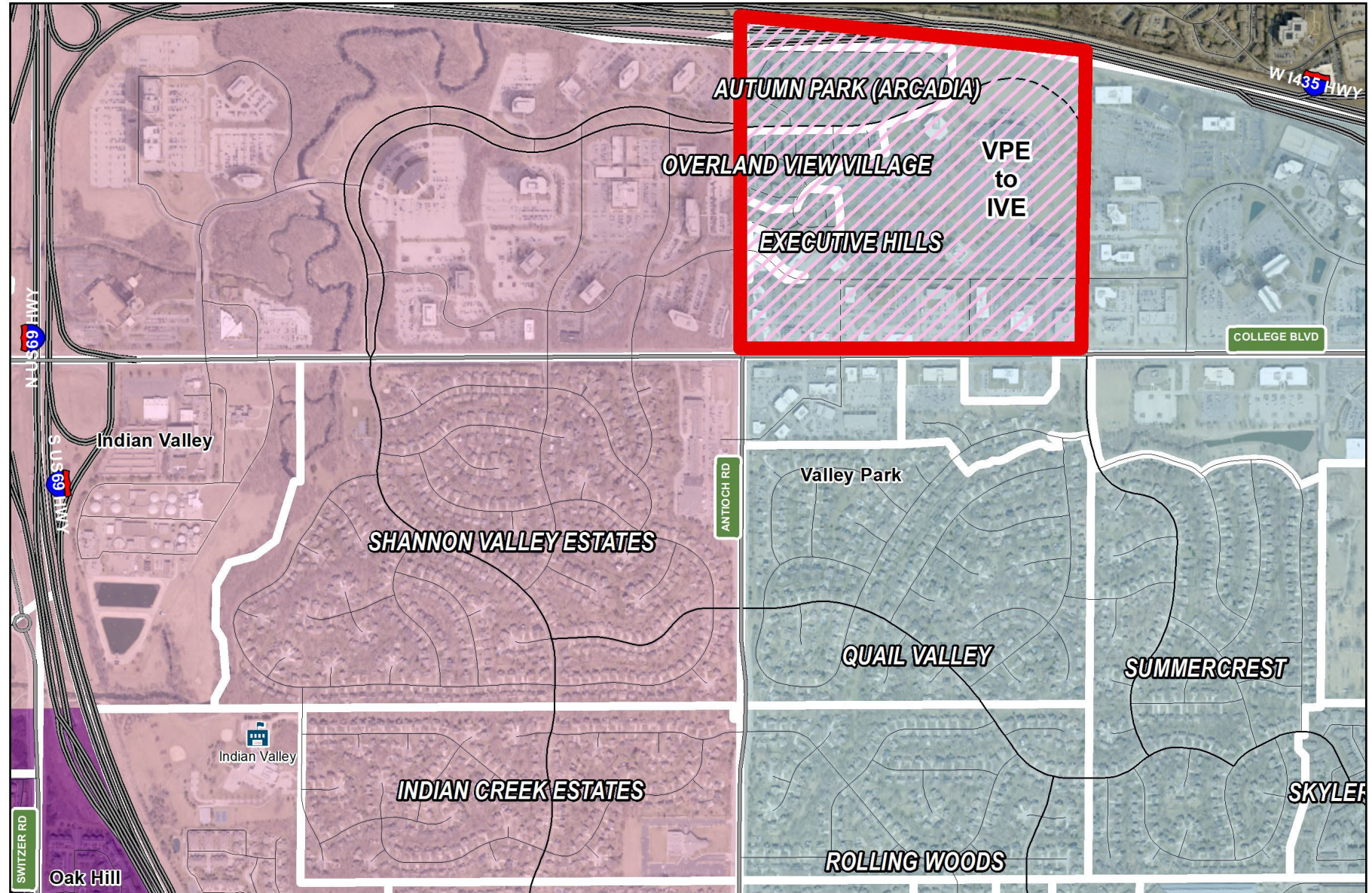




Area Detail

VPE to IVE

DRAFT

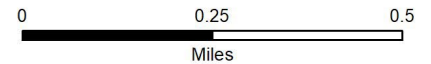
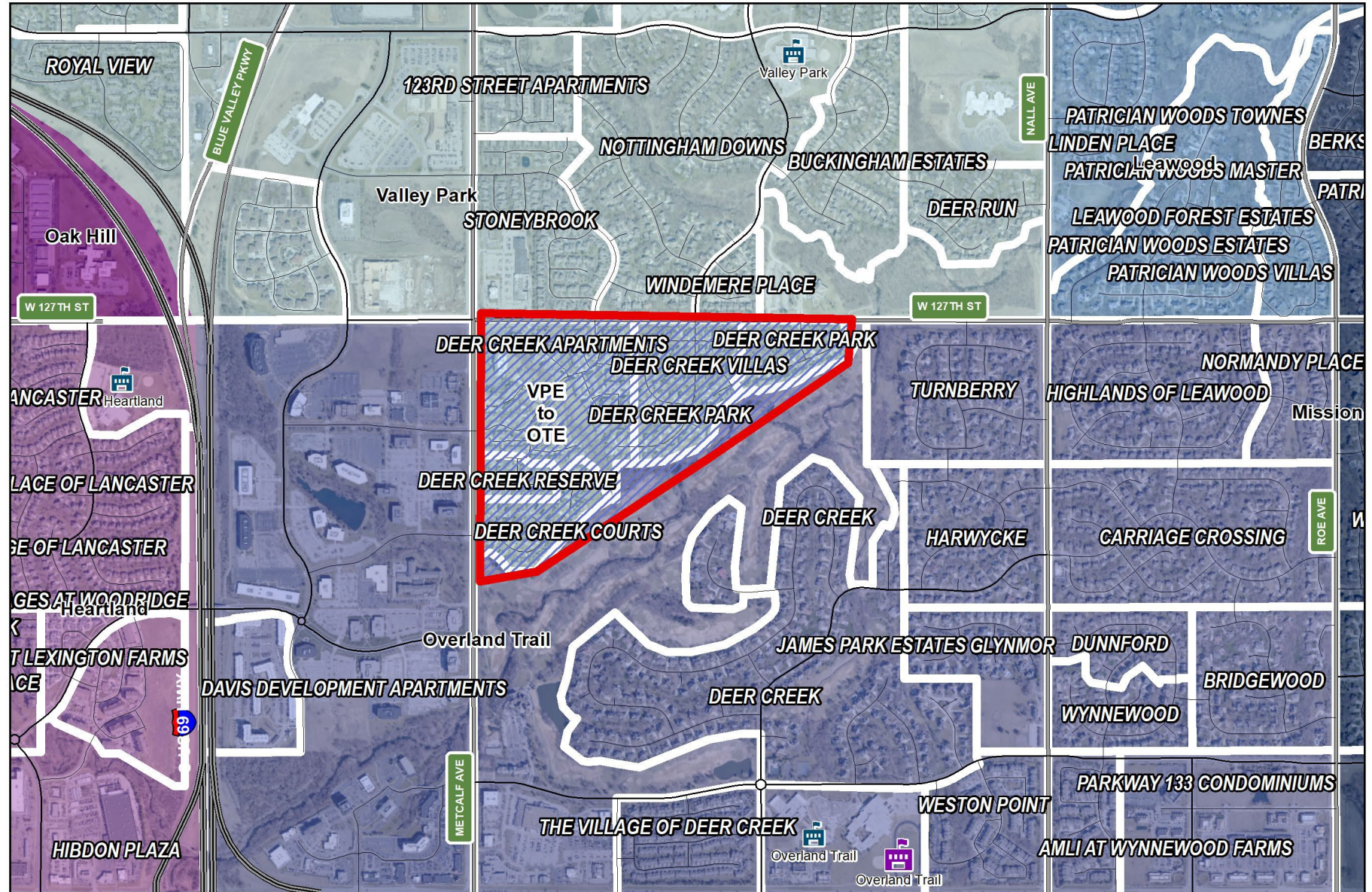




Area Detail

VPE to OTE

DRAFT

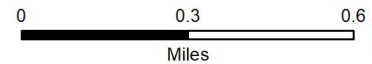
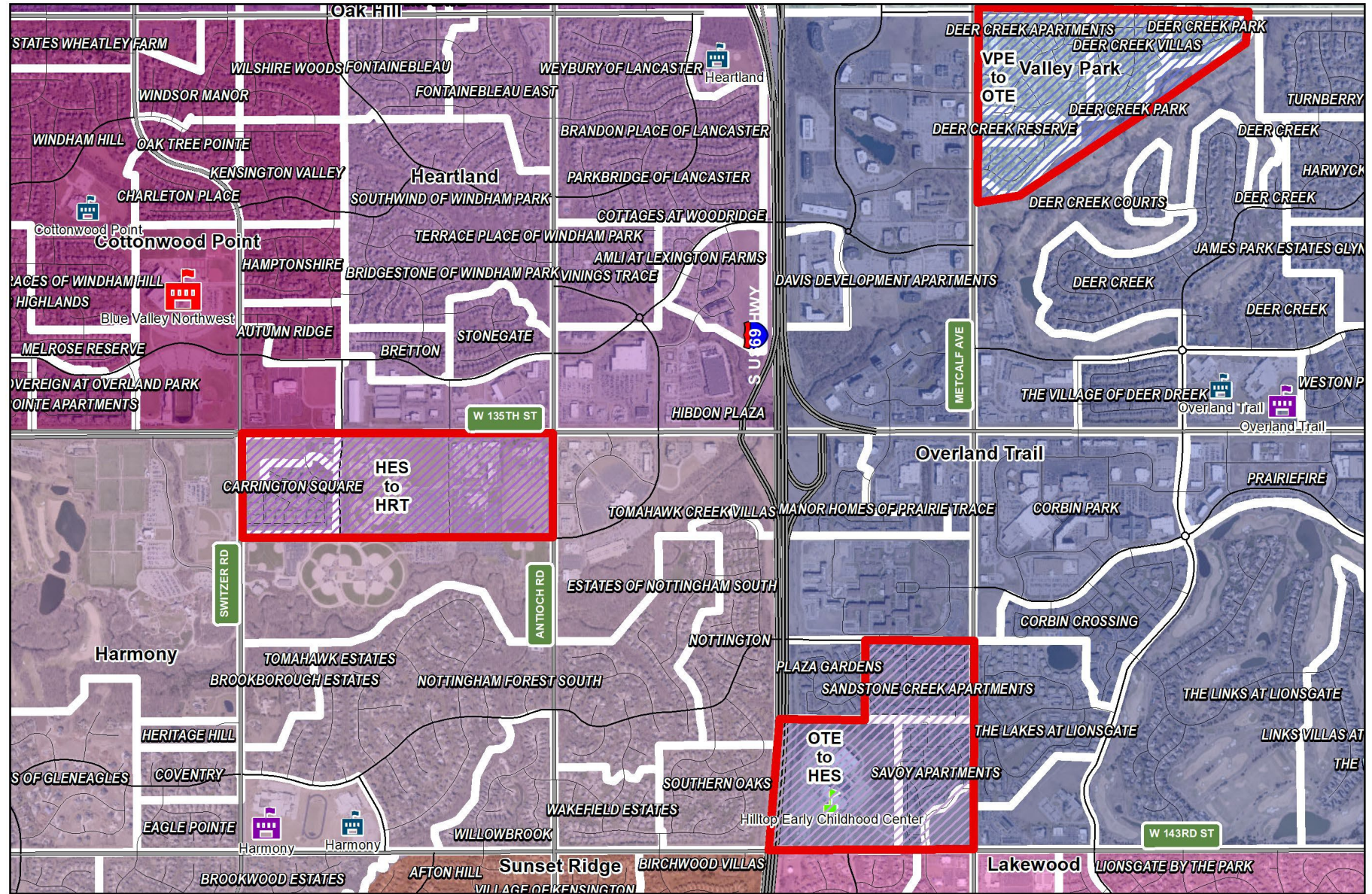




Area Detail

OTE to HES
&
HES to HRT

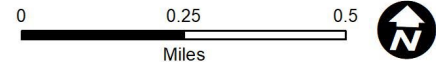
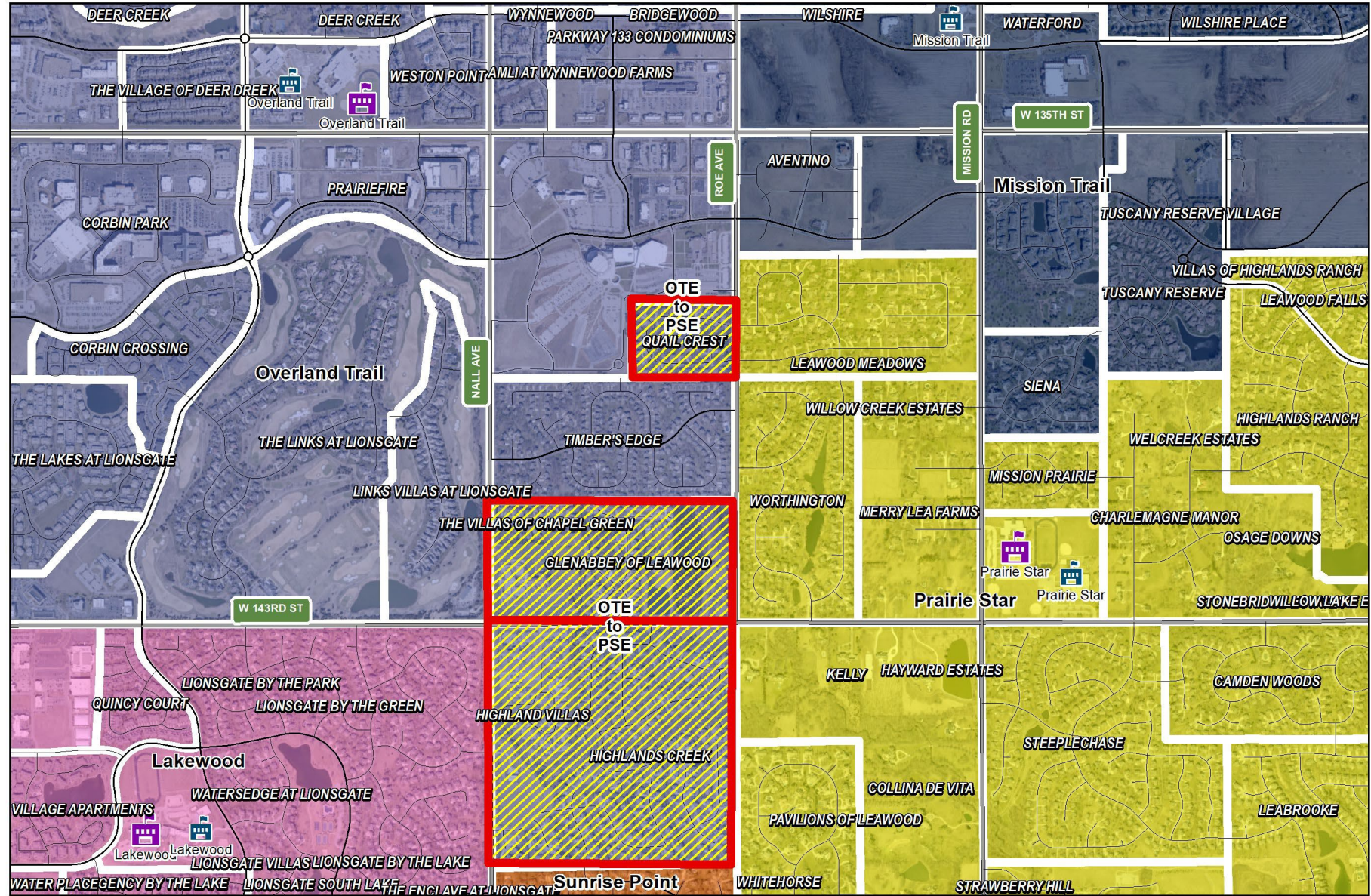
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Area Detail OTE to PSE

DRAFT



2022-23 Facility Planning Committee

