

Wallingford Public Schools Middle and High School Restructuring Study

Findings and Preliminary Alternatives

November 5, 2018



Introduction

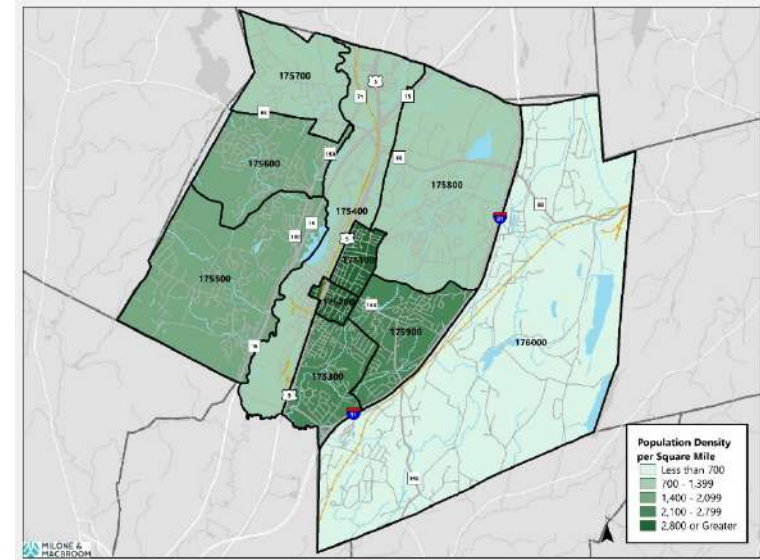
Tonight's goal is to have the Board consider six preliminary alternatives, and narrow down to three for further analysis and input.

- Enrollment Analysis and Projections
- Facilities
- Problem Statement/ Restructuring Objectives
- Public Input
- Alternatives
- Discussion

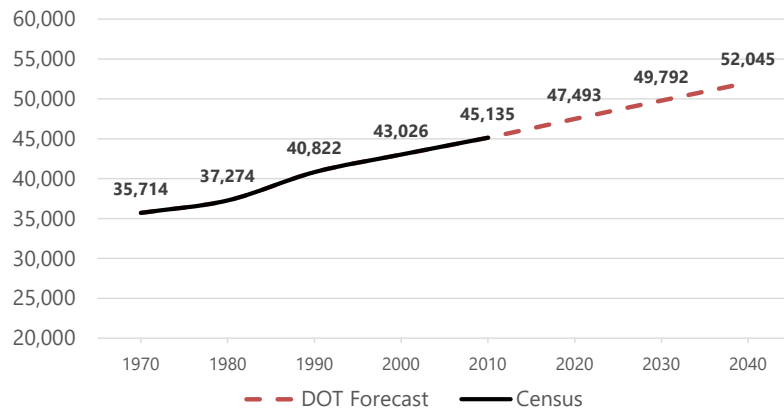


Demographics: Total Pop Trends

- Increasing total population, however estimated to have stabilized from 2010 to 2016 at about 45,000
- Aging population - median age rose from 42.9 in 2010 to 45.8 in 2016
- 20% of Wallingford households have children under the age of 18
- Highest concentrations of population in center of town

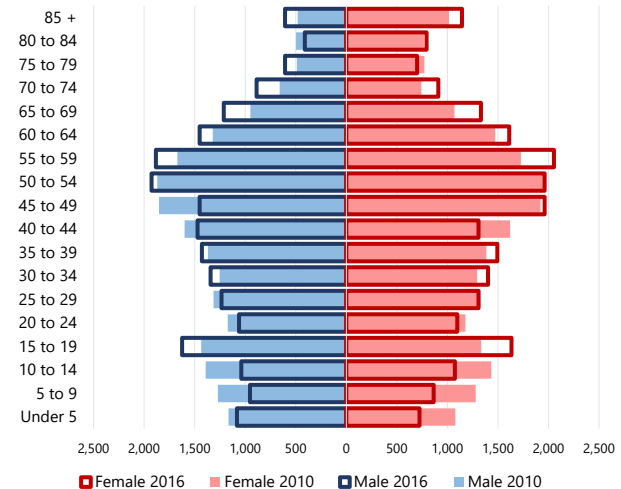


**Wallingford Total Population
Actual and Forecasted, 1970 - 2040**



Source: U.S. Census and CT DOT

Wallingford Age Distribution 2010-2016

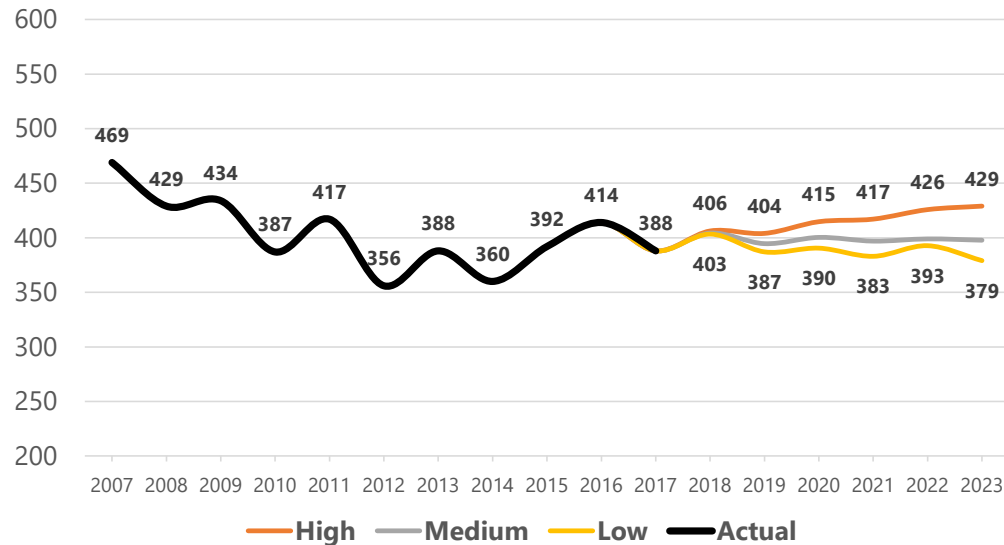


Source: Census 2010 and ACS 2016, 5-Year Estimates



Demographics: Birth Trends

Wallingford Births, Actual and Projected



Source: CT DPH with MMI projections

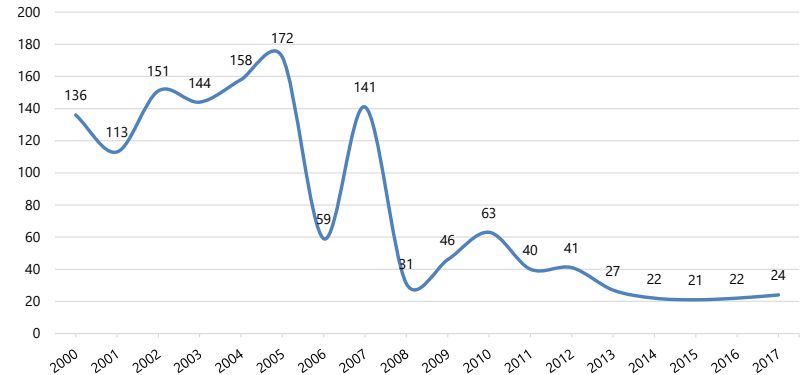
- General decrease in births during Recession – lowest years in 2012 and 2014 correspond with 2017-18 and 2019-20 entering K cohorts
- 15% increase in births from 2014 to 2016
- MMI regression model varying assumptions in housing sales and unemployment rate trends yields low, medium and high birth projections to feed range of enrollment projections



Housing: Trends

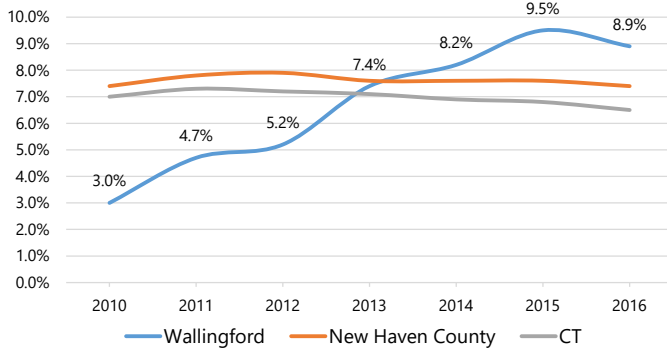
- New housing permit activity minimal since Recession – new units near train station not accounted for
- Housing sales have recovered slowly from 2011 low, primarily from uptick in single-family home sales
- 26% of occupied housing units are renter-occupied, and rental vacancy rates have been rising since reaching lows during height of Recession

Wallingford New Housing Construction Permits



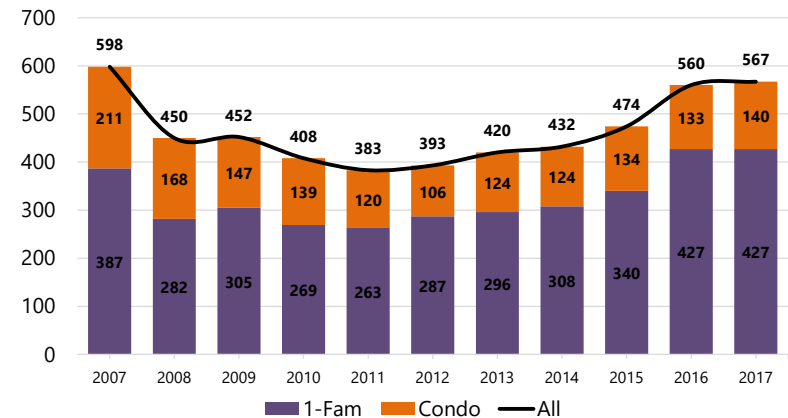
Source: CT DECD

Rental Vacancy Rates



Source: ACS

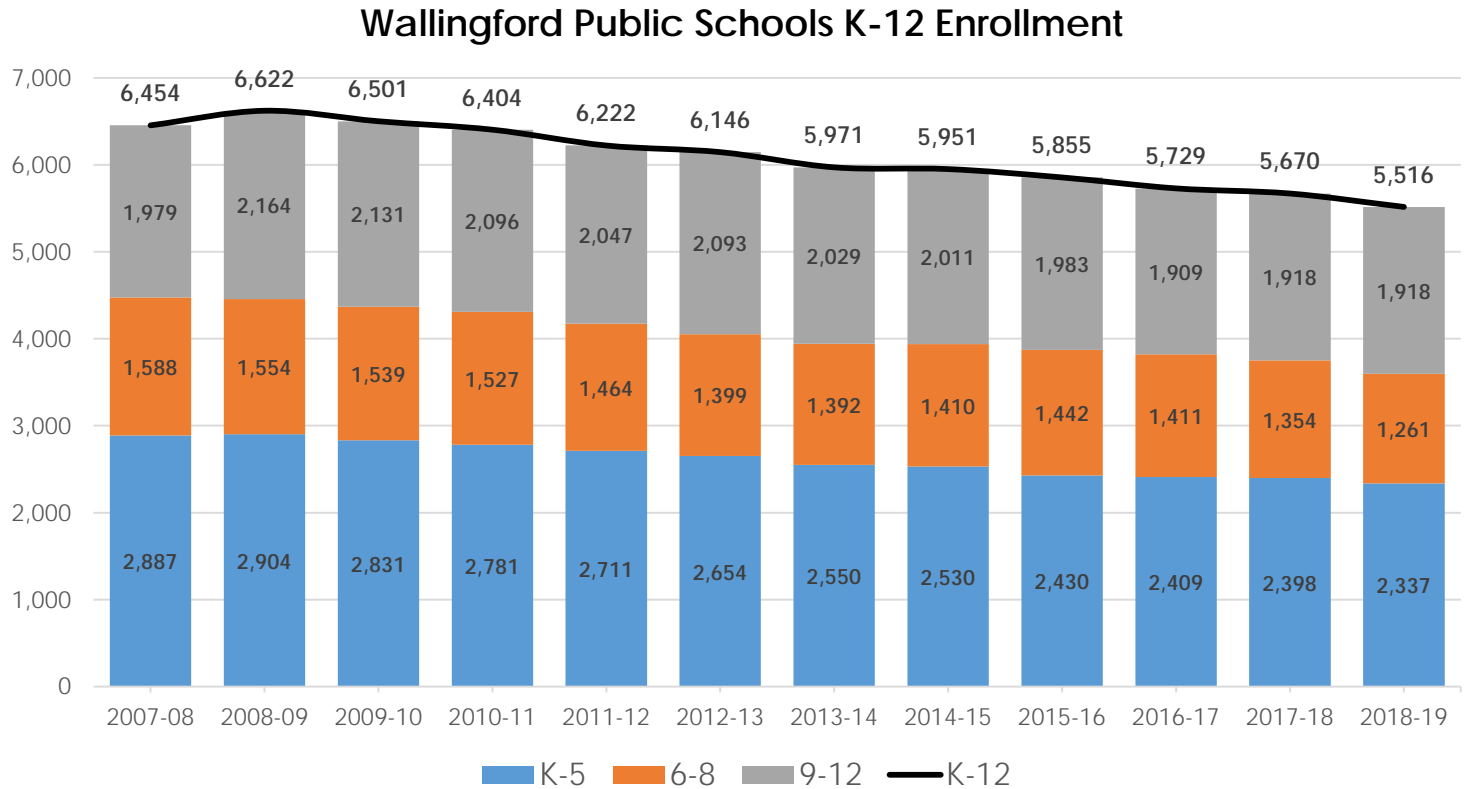
Wallingford Housing Sales



Source: The Warren Group



Enrollment: District Trends

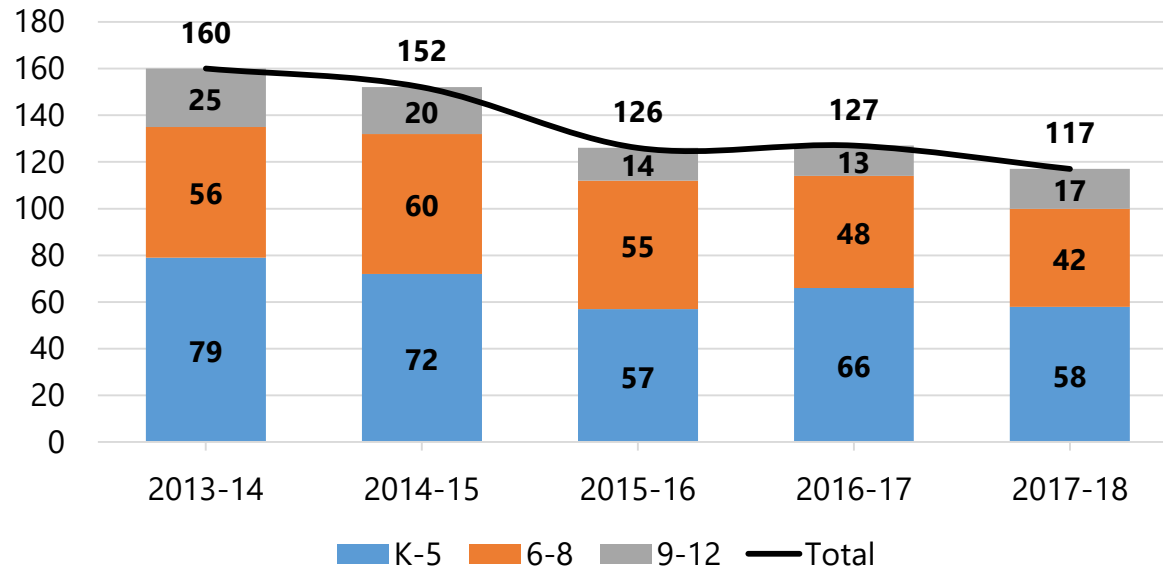


- 6th – 8th grades have decreased almost 19% over the last decade, although the decreasing trend slowed for a few years, still a decrease of 10% over the last three years
- 9th – 12th has decreased 11% from peak a decade ago; however, has been stable over the last three years



Enrollment: Out of District

**Wallingford Resident Students
Attending Magnet Schools**



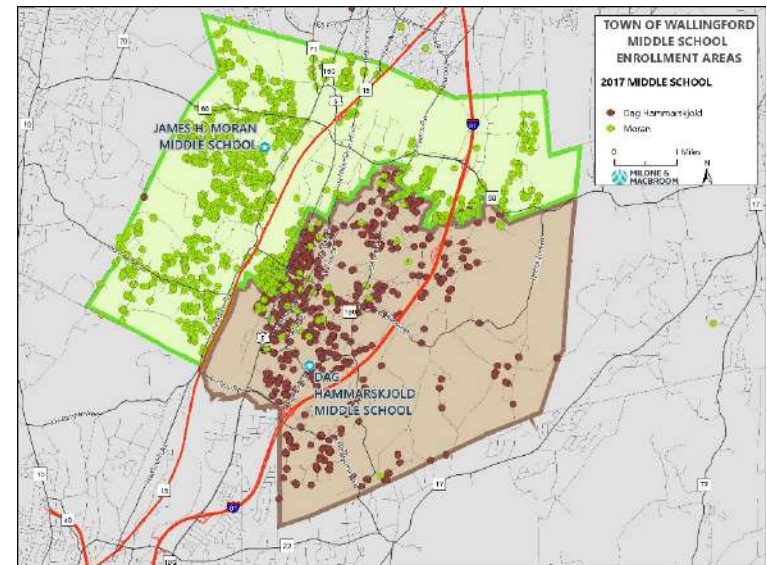
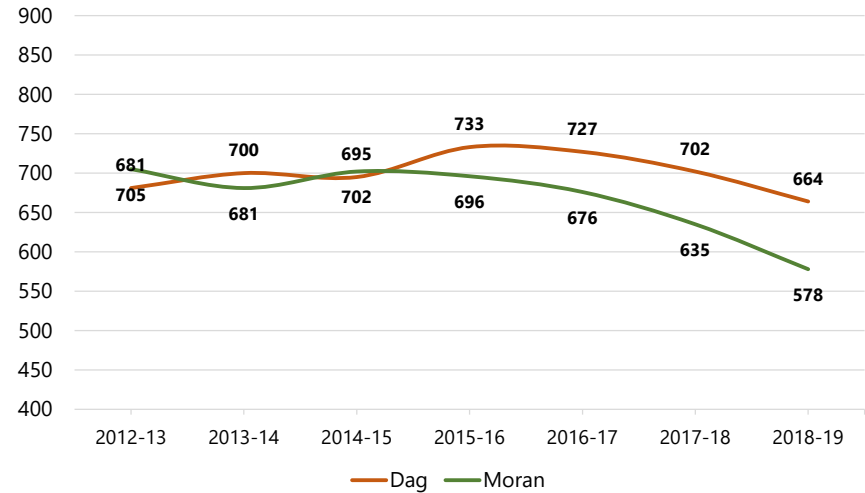
- Private and parochial enrollment data not available
- Wintergreen Interdistrict Magnet (K-8) and Thomas Edison Magnet Middle (6-8) consistently comprise largest number of Wallingford students enrolled in other public schools
- Share of Wallingford students attending magnet schools decreased from 2.7% to 2.1% between 2013-14 and 2017-18



Enrollment: Middle Schools

- Roughly similar enrollments until 2015-16 when Dag experienced an increase
- Dag enrollments down 5% from five years ago, and 9% over the last three years
- Moran enrollments down 15% over the last five years, and 17% over the last three years

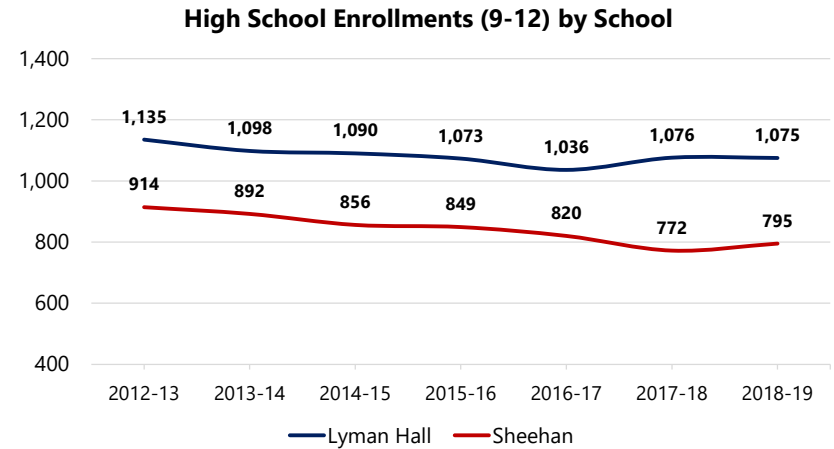
Middle School Enrollments (6-8) by School



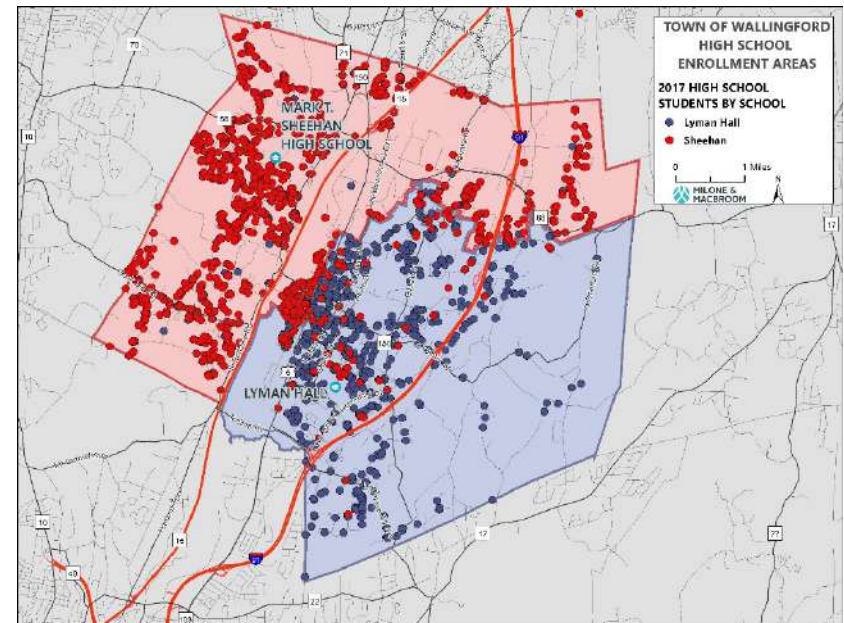
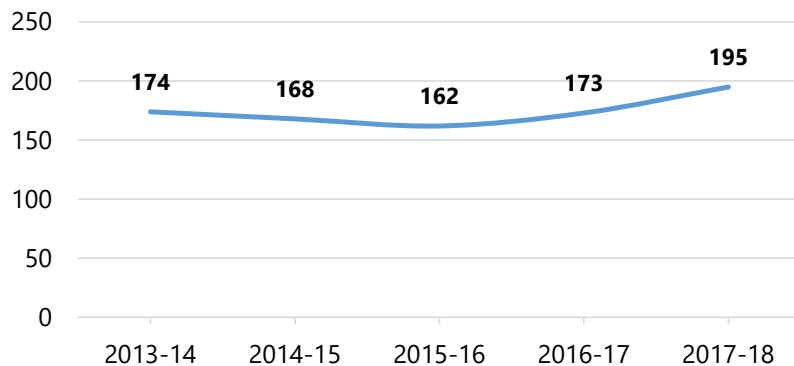


Enrollment: High Schools

- Lyman Hall enrollment down about 2% from five years ago, but at the same level as three years ago; non-resident enrollment helping to support level total enrollment
- Sheehan enrollment has decreased almost 11% over the last five years, including 6% over the last three years



Non-Resident Students (9-12) Enrolled at Lyman Hall





Enrollment: Historical

School Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	K-5	6-8	9-12	K-12	PK-12
2007-08	2002	486	398	502	483	467	518	519	487	547	554	572	541	351	515	139	2,887	1,588	1,979	6,454	6,593
2008-09	2003	492	440	509	466	482	476	531	515	491	548	562	572	519	511	145	2,904	1,554	2,164	6,622	6,767
2009-10	2004	442	409	530	467	477	470	478	532	513	494	544	557	539	491	141	2,831	1,539	2,131	6,501	6,642
2010-11	2005	483	394	504	461	485	475	462	480	542	505	494	536	540	526	134	2,781	1,527	2,096	6,404	6,538
2011-12	2006	425	362	448	494	456	483	468	449	476	539	511	495	516	525	143	2,711	1,464	2,047	6,222	6,365
2012-13	2007	469	367	397	452	500	454	484	462	449	488	556	520	486	531	146	2,654	1,399	2,093	6,146	6,292
2013-14	2008	429	353	419	387	441	500	450	478	467	447	482	569	478	500	137	2,550	1,392	2,029	5,971	6,108
2014-15	2009	434	355	413	423	395	449	495	454	480	476	472	492	546	501	154	2,530	1,410	2,011	5,951	6,105
2015-16	2010	387	348	400	421	416	396	449	501	459	482	473	478	476	556	165	2,430	1,442	1,983	5,855	6,020
2016-17	2011	417	407	355	414	422	414	397	446	504	461	487	472	457	493	179	2,409	1,411	1,909	5,729	5,908
2017-18	2012	356	371	412	361	419	419	416	409	450	495	498	479	462	479	193	2,398	1,354	1,918	5,670	5,863
2018-19	2013	388	365	372	408	357	422	413	410	405	446	474	509	480	455	215	2,337	1,261	1,918	5,516	5,731

- Compounding affects of smaller incoming grade cohorts
- An unusually large grade cohort cleared the system just four years ago (Class of '16)
- Smallest middle school cohort of last decade entered 6th grade in 2017-18, this year's cohort similar size
- Unusual drop-off in incoming high school class this year



Projections Method: Primer

- The Cohort Survival Methodology Relies on Observed Data from the Recent Past in Order to Project the Near Future
- Persistency Ratios Calculated From Historic Enrollment Data to Determine Growth or Loss in a Class as It Progresses Through School System
- Persistency Ratios Account for the Various External Factors Affecting Enrollments: Housing Characteristics, Residential Development, Economic Conditions, Student Transfers In and Out of System, and Student Mobility
- Changes in Population, Housing Stock and Tenure, and Economic Conditions Help Explain Persistency Ratios
- Greatest confidence in first five years of projections because based on known data – births and current enrollments



Projections: Persistency Ratios

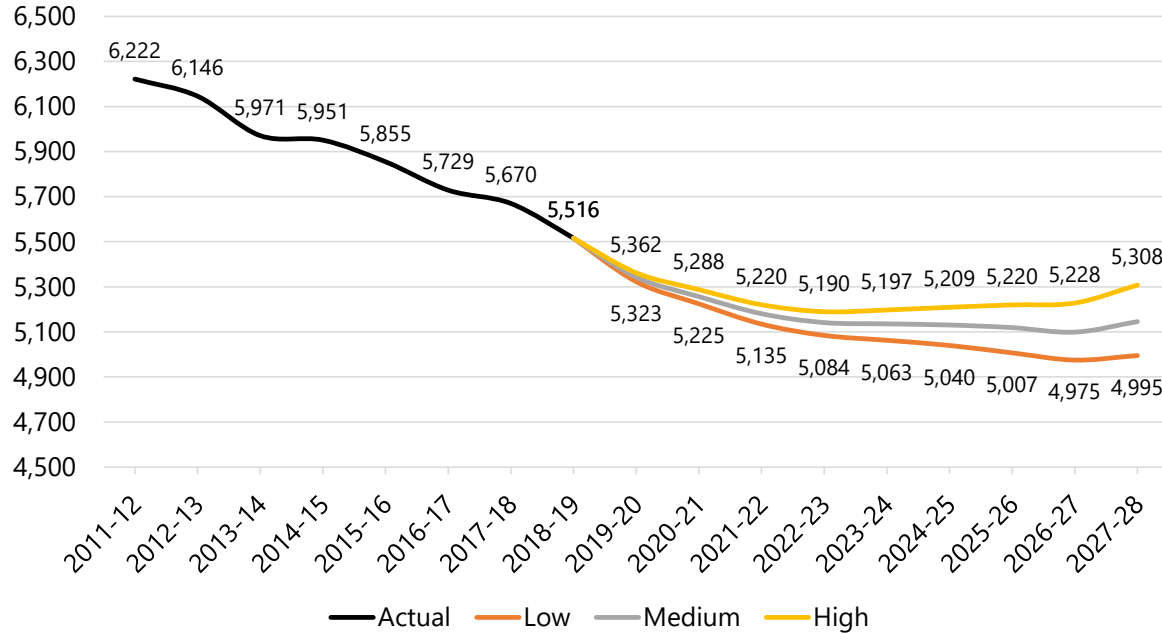
Kindergarten through 12th Grade Persistency Ratios by School Year														
Year	Birth-K	K-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Est. of Migration
2008-09	0.8943	1.2789	0.9283	0.9979	1.0193	1.0251	0.9923	1.0082	1.0018	1.0144	1.0000	0.9593	1.4558	-0.8%
2009-10	0.9253	1.2045	0.9175	1.0236	0.9751	1.0042	1.0019	0.9961	1.0061	0.9927	0.9911	0.9423	0.9461	-2.1%
2010-11	0.8157	1.2323	0.8698	1.0385	0.9958	0.9830	1.0042	1.0188	0.9844	1.0000	0.9853	0.9695	0.9759	-3.1%
2011-12	0.8518	1.1371	0.9802	0.9892	0.9959	0.9853	0.9719	0.9917	0.9945	1.0119	1.0020	0.9627	0.9722	-1.2%
2012-13	0.7825	1.0967	1.0089	1.0121	0.9956	1.0021	0.9872	1.0000	1.0252	1.0315	1.0176	0.9818	1.0291	0.5%
2013-14	0.8228	1.1417	0.9748	0.9757	1.0000	0.9912	0.9876	1.0108	0.9955	0.9877	1.0234	0.9192	1.0288	-1.4%
2014-15	0.8180	1.1700	1.0095	1.0207	1.0181	0.9900	1.0089	1.0042	1.0193	1.0559	1.0207	0.9596	1.0481	0.9%
2015-16	0.8992	1.1268	1.0194	0.9835	1.0025	1.0000	1.0121	1.0110	1.0042	0.9937	1.0127	0.9675	1.0183	0.1%
2016-17	0.9760	1.0201	1.0350	1.0024	0.9952	1.0025	0.9933	1.0060	1.0044	1.0104	0.9979	0.9561	1.0357	0.9%
2017-18	1.0421	1.0123	1.0169	1.0121	0.9929	1.0048	1.0302	1.0090	0.9821	1.0803	0.9836	0.9788	1.0481	0.6%
2018-19	0.9407	1.0027	0.9903	0.9889	1.0072	0.9857	0.9856	0.9902	0.9911	0.9576	1.0221	1.0021	0.9848	-0.7%
Long Term Avg	0.8881	1.1294	0.9773	1.0040	0.9998	0.9976	0.9977	1.0042	1.0008	1.0124	1.0051	0.9635	1.0494	
5-Yr Avg	0.9352	1.0664	1.0142	1.0015	1.0032	0.9966	1.0060	1.0041	1.0002	1.0196	1.0074	0.9728	1.0270	
3-Yr Avg	0.9863	1.0117	1.0141	1.0011	0.9984	0.9977	1.0030	1.0017	0.9925	1.0161	1.0012	0.9790	1.0229	

- Persistency > 1 means students moved into the cohort through transfers in, or retention
- Implementation of full-day K evident in Birth – K and K-1 ratios
- Estimate of migration compares 2nd-5th grades of one year to the 1st-4th grades of previous year (tend to be most stable grades) – slightly positive trends recently, except for this year



Projections: Districtwide K-12

Wallingford Actual and Projected K-12 Enrollment

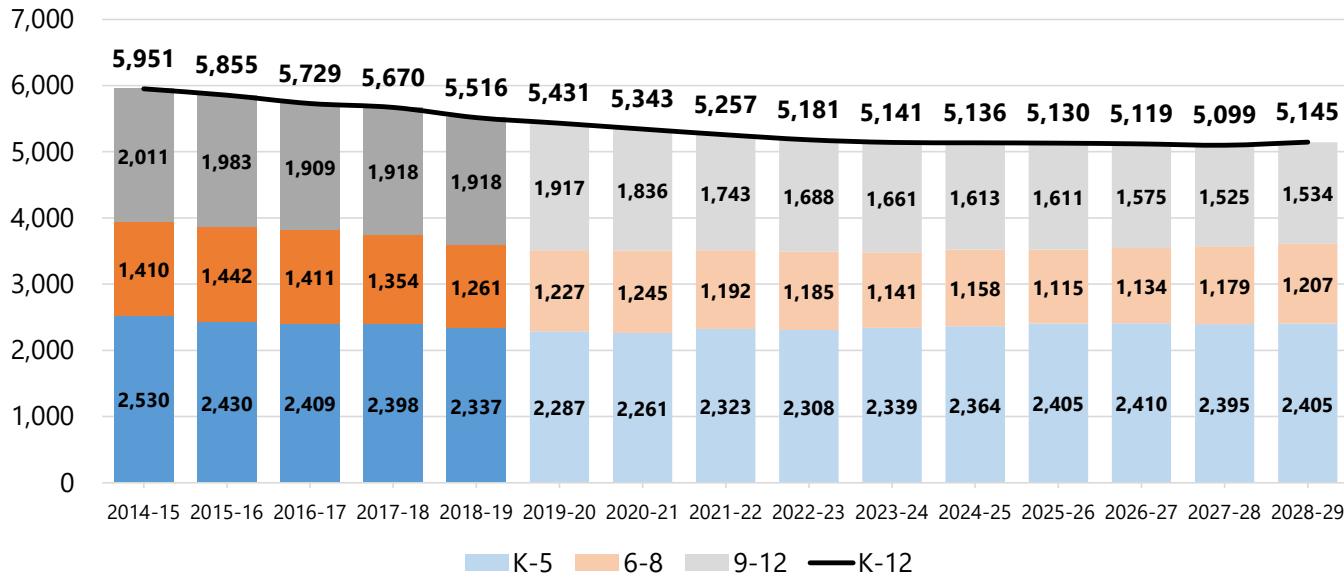


- Low projections assume most recent trends persist
- Medium projections assume medium term (three-year) trends persist
- High projections assume longer-term trends (five-year, except for Birth-k and K-1) persist
- Low, medium and high projections largely agree on first five years
- Birth assumptions help differentiate models in latter half of projections



Projections: Districtwide K-12

Wallingford Public Schools K-12 Enrollment Projections
Medium Projection Model



- Medium model projects continued decrease system-wide, with elementary enrollments rebounding to current levels in five years
- Middle schools projected to decrease about 10% over first five years, but only 4% out ten years
- Decreases projected to affect high schools slightly later, with an overall decrease of 13% in the first five years, and 20% out ten years



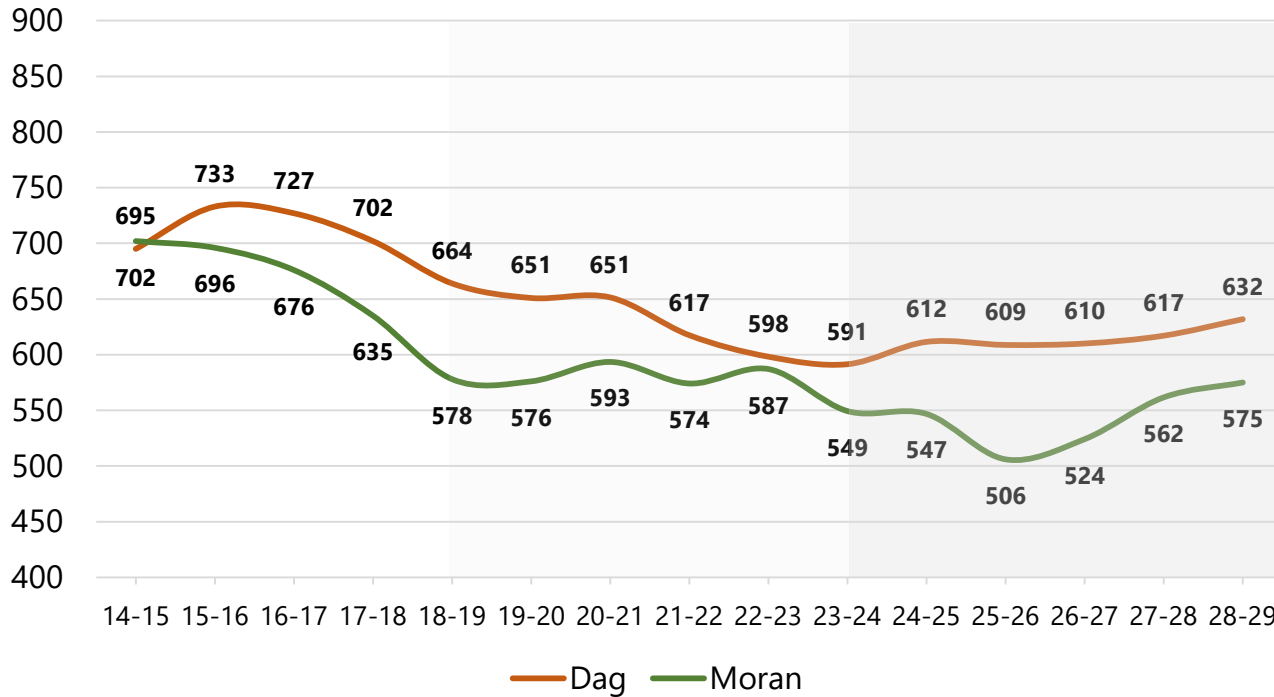
Projections: Districtwide (Medium)

School Year	Birth Year	Births	K	1	2	3	4	5	6	7	8	9	10	11	12	PK	K-5	6-8	9-12	K-12	PK-12
2018-19	2013	388	365	372	408	357	422	413	410	405	446	474	509	480	455	215	2,337	1,261	1,918	5,516	5,731
2019-20	2014	360	355	369	377	408	356	421	414	411	402	453	475	498	491	188	2,287	1,227	1,917	5,431	5,619
2020-21	2015	392	387	359	374	378	408	356	422	415	408	408	454	465	510	188	2,261	1,245	1,836	5,343	5,531
2021-22	2016	414	408	391	364	375	377	407	357	423	412	414	409	444	475	188	2,323	1,192	1,743	5,257	5,445
2022-23	2017	388	383	413	397	365	374	376	408	357	420	418	415	400	454	188	2,308	1,185	1,688	5,181	5,369
2023-24	2018	404	399	387	419	397	364	373	377	409	355	427	419	406	409	188	2,339	1,141	1,661	5,141	5,329
2024-25	2019	395	389	403	393	419	396	363	375	378	406	360	427	410	415	188	2,364	1,158	1,613	5,136	5,324
2025-26	2020	400	395	394	409	393	419	396	364	375	375	412	361	418	420	188	2,405	1,115	1,611	5,130	5,318
2026-27	2021	397	392	399	399	410	392	418	397	365	372	381	413	353	428	188	2,410	1,134	1,575	5,119	5,307
2027-28	2022	399	393	396	405	400	409	392	419	397	362	378	382	404	361	188	2,395	1,179	1,525	5,099	5,287
2028-29	2023	398	392	398	402	406	399	408	393	420	394	368	379	374	413	188	2,405	1,207	1,534	5,145	5,333



Projections: Middle (Medium Model)

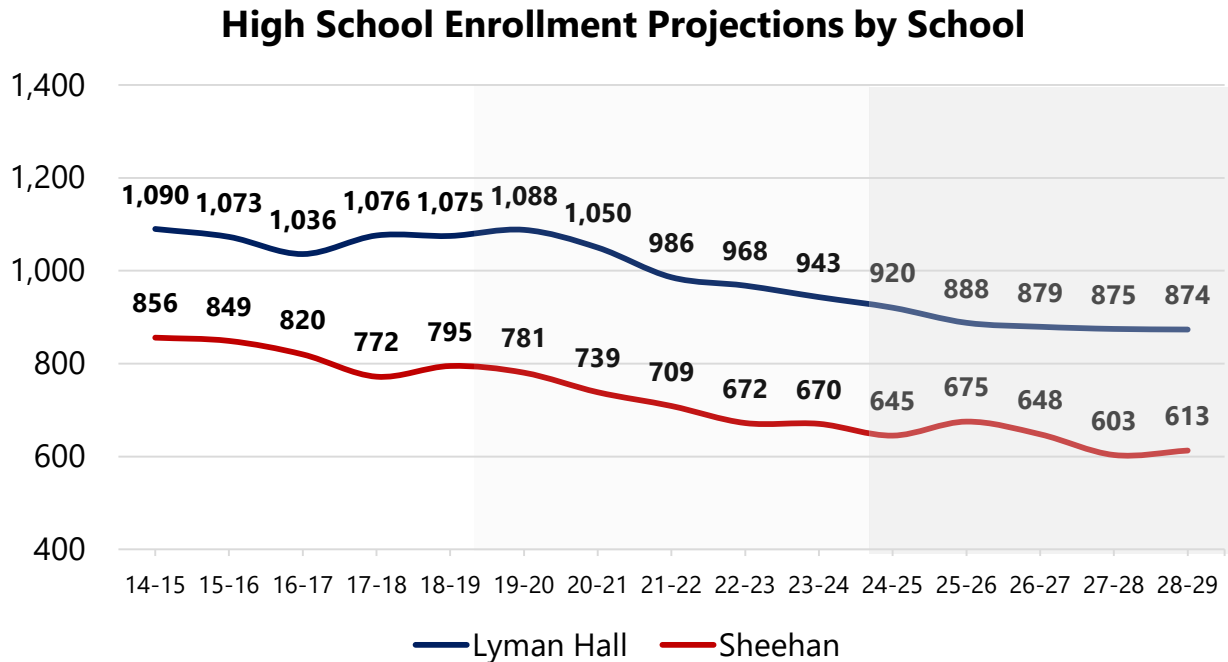
Middle School Enrollment Projections by School



- Dag projected to decrease about 11% over the next five years before rebounding to a total decrease of only 5% out ten years
- Moran projected to decrease 5% over next five years; however projected to regain that loss by 2028-29



Projections: High Sch. (Med. Model)



- Lyman Hall projected to decrease about 12% over next five years and 19% overall out ten years
- Sheehan projected to see decrease about 16% over next five years and about 23% overall out ten years



Facilities: Capacity and Utilization

School	Year Built	Major Renovation	Code Update	Total Full-Size Classrooms	Academic Rooms†	Science Rooms	Art, Music, Computer, Tech, Life Sci., Health, etc.	Functional Capacity*	2018-19 Enroll	% Utilization
Dag	1962	1996	N	54	36	6	12	945	664	70.3%
Moran	1961	2005	N	54	38	6	10	990	578	58.4%
TOTAL MIDDLE				108	74	12	22	1,935	1,242	64.2%
Lyman Hall	1957	2005	N	82	60	10	12	1,453	1,075	74.0%
Sheehan	1971	2006	Y	61	39	6	16	934	795	85.1%
TOTAL HIGH				143	99	16	28	2,386	1,870	78.4%

* Middle School capacity calculated from number of academic and science rooms at a 25 student loading level, and a 90% efficiency factor

* High School capacity calculated from number of academic and science rooms not used as shared spaces, at a 25-student loading level and an 83% efficiency factor

† Includes grade-level instruction and SPED services delivered in full-size classrooms

- Additional 73,500 sq ft of space at Lyman Hall for Ag Sciences, dedicated to specialized programming for Ag Science students
- Continued decreases in enrollment will further lower utilization rates
- Space is always used when available – inefficient use of space



Facilities: Conditions and Needs

- Classrooms not conducive to 21st century teaching methods and lack of flexible spaces in buildings – District has been turned away from grants for lack of proper space/ equipment for investment
- Inequities across schools in spaces and opportunities
- HVAC improvements needed to improve ventilation and expand spaces with air conditioning
- Security concerns due to physical layout
- PE and Athletics lacking storage space, gender inequality with locker rooms
- Current programming initiatives constrained by physical space and equipment
- Strategic Plan identifies about \$15 million of maintenance and minor improvement needs for four buildings





Issues: Problem Statement

- Projected continued enrollment decline
- Maintenance of four aging buildings that will increasingly need investment, given age
- Budgetary concerns
- Inability to expand desired programming and ensure equitable access to programming, due to space limitations
- Buildings that were not designed for security
- Nearby communities investing in schools – relationship between real estate values/ economic development and quality school system

How can Wallingford Public Schools *efficiently* deliver quality 21st educational programming for all students?



Public Opinion: Ideas

- High schools:
 - One new school
 - Two themed schools (new in existing buildings)
 - Programmatic changes to existing buildings
 - Campus with lower and upper buildings (9-10 and 11-12)
 - Renovate existing buildings
- Middle schools:
 - One new school
 - 5-6 and 7-8 schools, or 6th grade academy, 7-8 jr. high
 - Renovate existing buildings
 - Begin themed programming at middle school level
- General concerns:
 - Transportation
 - Tradition/ culture
 - Investments be done thoughtfully, and “right”
 - Use of potential consolidated buildings



Middle and High School Restructuring Study Community Workshops

The Wallingford Board of Education has commissioned a study of the middle and high schools to develop recommendations on making the best use of space to achieve educational objectives, and ensuring equitable class sizes and access to programming.

Consultants began work this summer reviewing enrollment, programming and facilities information to better understand the issues facing the District. They will share their findings during upcoming workshops, while seeking community input on potential reconfiguration, reorganization, consolidation or other ideas that you may have.

Initial input from these workshops will guide the consultants in developing alternative long-range scenarios for the Board and community to consider, prior to making final recommendations this fall.

Please participate in these interactive workshops!

Parents & Students: 9/4/18

LHHS and Dag Staff: 9/13/18

MTS and Moran Staff: 9/14/18

BOE: 9/20/18

Public: 9/20/18



Alternatives: Background

- Generated six preliminary alternatives for restructuring middle and high schools
- Factors influencing development of alternatives
 - New Vo-Ag building at Lyman Hall – penalty if District ceases use
 - Swimming pool, planetarium at Sheehan – resources that are not easily replaced
 - Limited availability of centrally located properties of sufficient size to accommodate middle or high school
 - District has been developing programming around five pathways:
 - Business, Law and Entrepreneurism
 - Ag-Science, Manufacturing and Construction
 - Arts, AV Technology and Communication
 - Medical and Human Services
 - STEM
 - Central offices primarily in leased space, as well as spread across facilities
 - District programming in Town-owned spaces, such as the old rail station, the future use of which is not guaranteed



Alternatives: Background

Terms

- Theme - emphasizes and builds its academic program around specific academic disciplines, professional fields, or career paths
 - Often are charters, magnets, or traditionally governed
 - Enrollment process open to all students in district, often by lottery
 - Provides educational choices and pathways
- Renovate as New (RNV) defined by DAS :OSCG&R
 - Renovated facility taking on a useful life comparable to new
 - 100% compliance with all applicable codes
 - Useful structural life comparable to new facility (50+ years)
 - All building systems have a useful life of 20 years
- Alteration
- Reimbursement
 - Used 2017-18 rates in alternatives
 - 2018-19 and beyond rates are not available



Alternatives: Overview

1. Status Quo
2. Two renovated high schools and address capital needs at both existing middle schools
3. Develop themed pathways (6-12), renovating all four schools
4. Reconfigure to a junior high model
5. Two themed high schools with one middle school
6. One high school, one middle school



Alternative 1: Status Quo

- Address identified capital needs of all four buildings
- No changes to current programming

Dag
(6-8)

Moran
(6-8)

Lyman Hall
(9-12)

Sheehan
(9-12)



Alternative 1: Status Quo

- Capital needs identified in District's current Strategic Plan
- Recommend security improvements of an additional \$1,500,000

ALTERNATIVE 1: STAUS QUO		
Projects	Totals	Total Anticipated Town Share
DAG MIDDLE SCHOOL		
Capital Needs - 2020-21 6-8 GRADE ENROLLMENT: 652	\$ 2,141,235	\$ 2,141,235
MORAN MIDDLE SCHOOL		
Capital Needs - 2020-21 6-8 GRADE ENROLLMENT: 593	\$ 2,625,500	\$ 2,625,500
LYMAN HALL HIGH SCHOOL		
Capital Needs - 2020-21 9-12 GRADE ENROLLMENT: 1,050	\$ 6,860,715	\$ 6,860,715
SHEEHAN HIGH SCHOOL		
Capital Needs - 2020-21 9-12 GRADE ENROLLMENT: 739	\$ 3,967,250	\$ 3,967,250
TOTAL ALT PROJECT COST	\$ 15,594,700	
TOTAL ALT ANTICIPATED TOWN SHARE		\$ 15,594,700



Alternative 1: Status Quo

Capital Needs identified in District Strategic Plan								
Bondable Requests								
DAG		MORAN		LYMAN HALL		SHEEHAN		TOTALS
Lockers, Tile	\$312,785	Auditorium	\$1,000,000	Music, Tech, Weight, Copy rooms, Roof exhaust fans	\$65,000	AC Cooking Room, Weight Rm design	\$40,000	
Café A/C design	\$32,500	Café A/C design	\$32,500	Boiler replacement	\$900,000	Art rooms	\$250,000	
Café A/C install	\$300,000	Café A/C install	\$300,000	New Gym	\$5,000,000	Bleachers - soft ball	\$50,000	
Windows	\$1,063,000	Windows	\$1,063,000	Café HVAC design	\$45,000	Bleachers - baseball	\$50,000	
Roof replacement	\$99,950			Café HVAC Install	\$350,000	Foot ball field	\$900,000	
				Millwork	\$24,000	Lockers	\$200,000	
				ADA Outdoor Bathrooms	\$170,000	Locker rooms	\$500,000	
						Pool cleachers	\$30,000	
						Cooking room	\$250,000	
						Roof top unit	\$80,000	
						Bathrooms	\$600,000	
	\$1,808,235		\$2,395,500		\$6,554,000		\$2,950,000	\$13,707,735
Budget requests, including deferred								
DAG		MORAN		LYMAN HALL		SHEEHAN		TOTALS
A/C	\$200,000	Screens	\$7,000	Auto scrubber	\$11,000	Elevator	\$175,000	
Cabinet work	\$20,000	Gym A/C design	\$20,000	Ceilings	\$81,715	Field house	\$100,000	
Paint lockers	\$84,000	Parking addition	\$25,000	Ceiling tiles	\$20,000	Guard rails	\$60,000	
Auditorium carpet	\$6,000	Paint lockers	\$56,000	Lighting	\$8,000	Auditorium	\$8,000	
Rear parking lot paving	\$15,000	Paint gym floor	\$60,000	Dividing wall - gym	\$80,000	Fountain	\$4,000	
Sinks	\$8,000	Library carpet	\$10,000	Dividing wall - café	\$35,000	Band room carpet	\$6,500	
		Band room carpet	\$25,000	Parking lot lighting	\$18,000	Ceiling fans	\$24,000	
		Choral room	\$15,000	Sky lights	\$8,000	Ceiling fans	\$4,500	
		Wood shop	\$12,000	Window sills	\$30,000	Café Ceiling tiles	\$8,000	
				Guard rail	\$15,000	Millwork	\$9,250	
						Exterior Lighting	\$92,000	
						Cabinets faculty dining	\$4,000	
						Gym floor	\$25,000	
						Music lockers	\$15,000	
						Rear parking lot	\$175,000	
						Copmuter lab	\$8,000	
						Bathrooms	\$10,000	
						Locks	\$5,000	
						Exterior stair treads and landscaping	\$22,000	
						Patio replacement	\$150,000	
						Scoreboard	\$26,000	
						Sidewalk & curb	\$40,000	
						Screens	\$16,000	
						Woodshop dust control	\$30,000	
	\$333,000		\$230,000		\$306,715		\$1,017,250	\$1,886,965
	\$2,141,235		\$2,625,500		\$6,860,715		\$3,967,250	\$15,594,700



Alternative 1: Status Quo

- Estimated annual operating cost (in 2019-20 \$):

Dag:	\$10.8 million
Moran:	\$10.3 million
Lyman Hall:	\$19.1 million
<u>Sheehan:</u>	<u>\$14.7 million</u>
Total:	\$54.8 million

- Includes staffing, facilities, plant and transportation costs, and no changes to current programming



Alternative 1: Status Quo

Considerations

- Costs (\$15.6 million) + \$1.5 million in recommended security upgrades
- Projected utilization rates in five years, assuming no change to staffing or program delivery, around 59% for middle schools and 68% for high schools – underutilization of buildings
- Limited improvements to current educational programming and limited improvement in equitable access to programming

School	Total Full-Size Classrooms	Academic Roomst	Science Rooms	Art, Music, Computer, Tech, Life Sci., Health, etc.	Functional Capacity*	2023-24 Projected Enroll	% Utilization
Dag	54	36	6	12	945	591	62.5%
Moran	54	38	6	10	990	549	55.5%
TOTAL MIDDLE	108	74	12	22	1,935	1,140	58.9%
Lyman Hall	82	60	10	12	1,453	943	64.9%
Sheehan	61	39	6	16	934	670	71.8%
TOTAL HIGH	143	99	16	28	2,386	1,613	67.6%

* Middle School capacity calculated from number of academic and science rooms at a 25 student loading level, and a 90% efficiency factor

* High School capacity calculated from number of academic and science rooms not used as shared spaces, at a 25-student loading level and an 83% efficiency factor

† Includes grade-level instruction and SPED services delivered in full-size classrooms



Alternative 2: Renovated High Schools

- Lyman Hall renovated as new with potential to improve program space design
- Sheehan renovated as new with potential to improve program space design
- Dag and Moran address capital needs

Dag
(6-8)

Moran
(6-8)

Lyman Hall
(9-12)

Sheehan
(9-12)

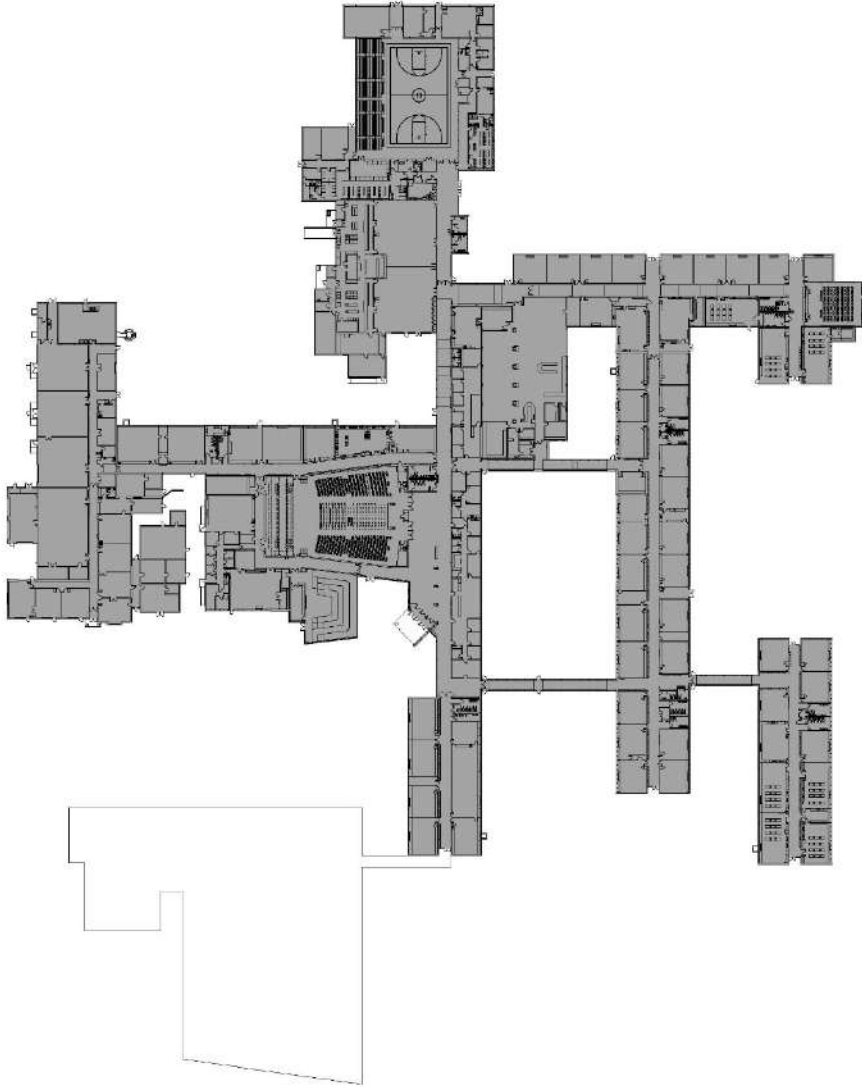


Alternative 2: Renovated High Schools

ALTERNATIVE 2: RENOVATED HS		
Projects	Totals	Total Anticipated Town Share
DAG MIDDLE SCHOOL		
Capital Needs - 2020-21 6-8 GRADE ENROLLMENT: 652	\$ 2,141,235	\$ 2,141,235
MORAN MIDDLE SCHOOL		
Capital Needs - 2020-21 6-8 GRADE ENROLLMENT: 593	\$ 2,625,500	\$ 2,625,500
LYMAN HALL HIGH SCHOOL		
Renovate as New - 2020-21 9-12 GRADE ENROLLMENT: 1,050	\$ 61,636,350	\$ 32,052,751
SHEEHAN HIGH SCHOOL		
Renovate as New - 2020-21 9-12 GRADE ENROLLMENT: 739	\$ 62,009,400	\$ 40,844,848
TOTAL ALT PROJECT COST	\$ 128,412,485	
TOTAL ALT ANTICIPATED TOWN SHARE		\$ 77,664,334



Alternative 2: Renovated High Schools

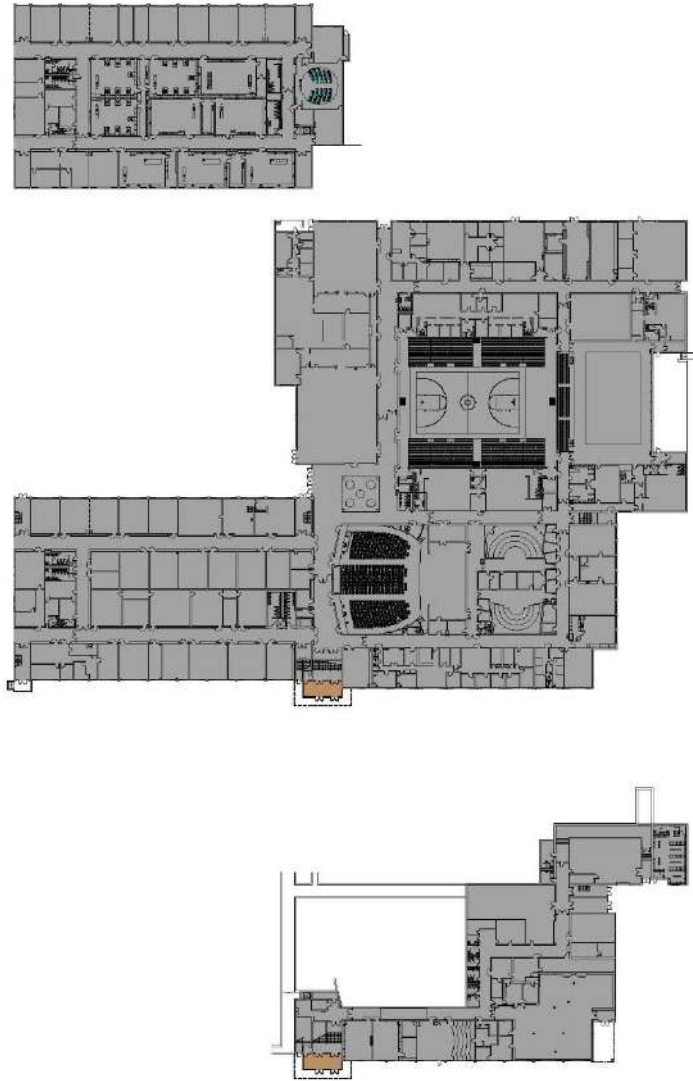


LYMAN HALL – RENOVATE AS NEW

LYMAN HALL - ALTERNATIVE 2: RENOVATED HIGH SCHOOL				
2020-21 9-12 GRADE ENROLLEMENT: 1,050 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new *does not include roofs and auditorium	188,958	\$ 325		\$ 61,411,350
Security Entry Vestibule Improvements	150	\$ 1,500		\$ 225,000
OPTION TOTAL				\$ 61,636,350
ANTICIPATED TOWN SHARE				\$ 32,052,751
ANTICIPATED STATE SHARE				\$ 29,583,599
	(sq ft allows for 90% of)	53.33%		



Alternative 2: Renovated High Schools



SHEEHAN – RENOVATE AS NEW

SHEEHAN - ALTERNATIVE 2 : RENOVATED HIGH SCHOOL				
2020-21 9-12 GRADE ENROLLEMENT: 739 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new *does not include roofs and auditorium	188,832	\$ 325		\$ 61,370,400
Security Entry Vestibule Addition	426	\$ 1,500		\$ 639,000
OPTION TOTAL				\$ 62,009,400
ANTICIPATED TOWN SHARE				\$ 40,844,848
ANTICIPATED STATE SHARE		(sq ft allows for 64% of)	53.33%	\$ 21,164,552



Alternative 2: Renovated High Schools

Considerations

- Construction costs (\$77.7 million)
- Improved efficiency and functionality of high schools due to renovations - new layouts better designed for enrollment and programming
- Potential expansion of existing high school programming, no changes at middle schools
- No change to attendance zones or transportation
- Reduced long-term facilities maintenance needs at high school level
- Phased construction projects and short-term disruptions to high school system



Alternative 3: 6-12 Pathways

- Dag and Lyman Hall renovated as new and designed to house STEM; Ag-Science, Manufacturing and Construction; and Business, Law and Entrepreneurism themes
- Moran and Sheehan renovated as new and designed to house Arts, AV Technology and Communication; and Medical and Human Services themes

**Dag
Theme**
(6-8)

**Moran
Theme**
(6-8)

**Lyman Hall
Theme**
(9-12)

**Sheehan
Theme**
(9-12)



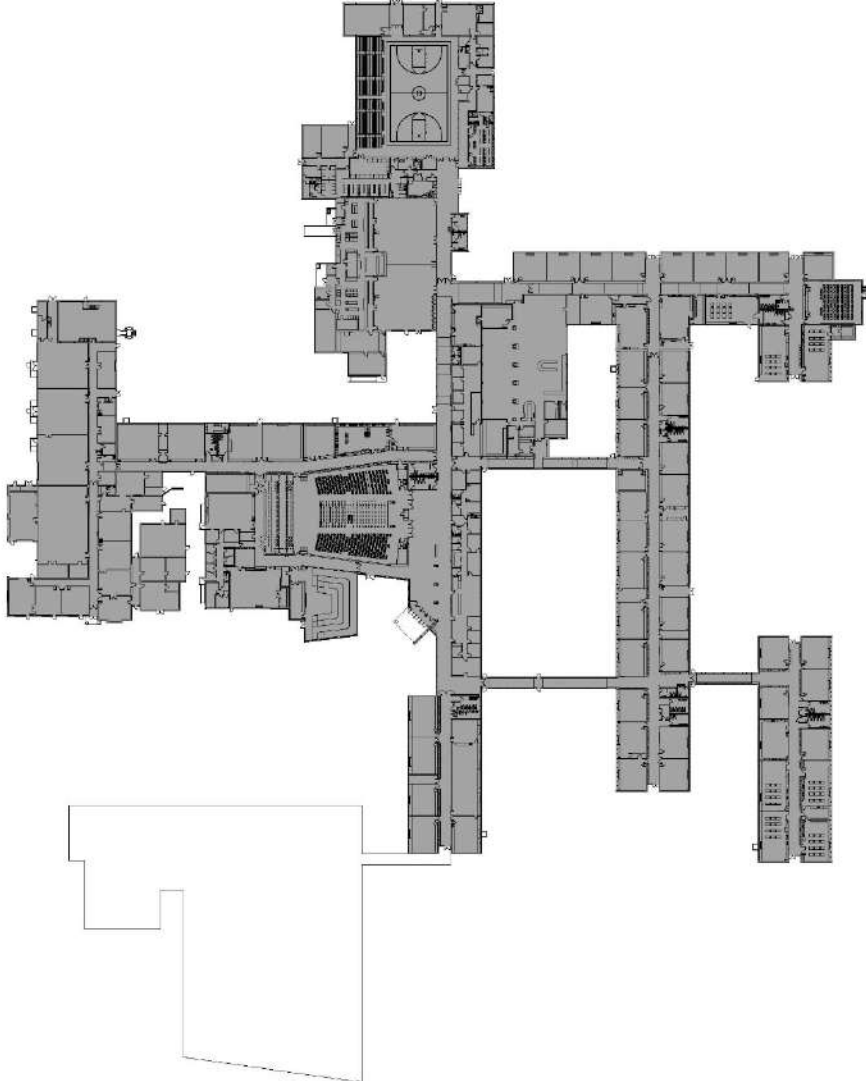
Alternative 3: 6-12 Pathways

- Lyman Hall and Sheehan
 - Similar to Alt. 2; however designed for themes and assume 50% of high school enrollment
 - Varies the reimbursement rate
- Dag
 - Renovate as new with theme, not including roofs and auditorium
 - Assume 50% of middle school enrollment
- Moran
 - Renovate as new with theme, not including roofs and auditorium
 - Assume 50% of middle school enrollment

ALTERNATIVE 3: THEMED PATHWAYS		
Projects	Totals	Total Anticipated Town Share
DAG MIDDLE SCHOOL		
Themed Renovate as New - 2020-21 6-8 GRADE ENROLLMENT: 623	\$ 35,759,100	\$ 21,456,354
MORAN MIDDLE SCHOOL		
Themed Renovate as New - 2020-21 6-8 GRADE ENROLLMENT: 623	\$ 37,144,900	\$ 22,882,150
LYMAN HALL HIGH SCHOOL		
Themed Renovate as New - 2020-21 9-12 GRADE ENROLLMENT: 739	\$ 61,636,350	\$ 32,052,751
SHEEHAN HIGH SCHOOL		
Themed Renovate as New - 2020-21 9-12 GRADE ENROLLMENT: 739	\$ 62,009,400	\$ 40,844,848
TOTAL ALT PROJECT COST	\$ 196,549,750	
TOTAL ALT ANTICIPATED TOWN SHARE		\$ 117,236,103



Alternative 3: Themed Pathways

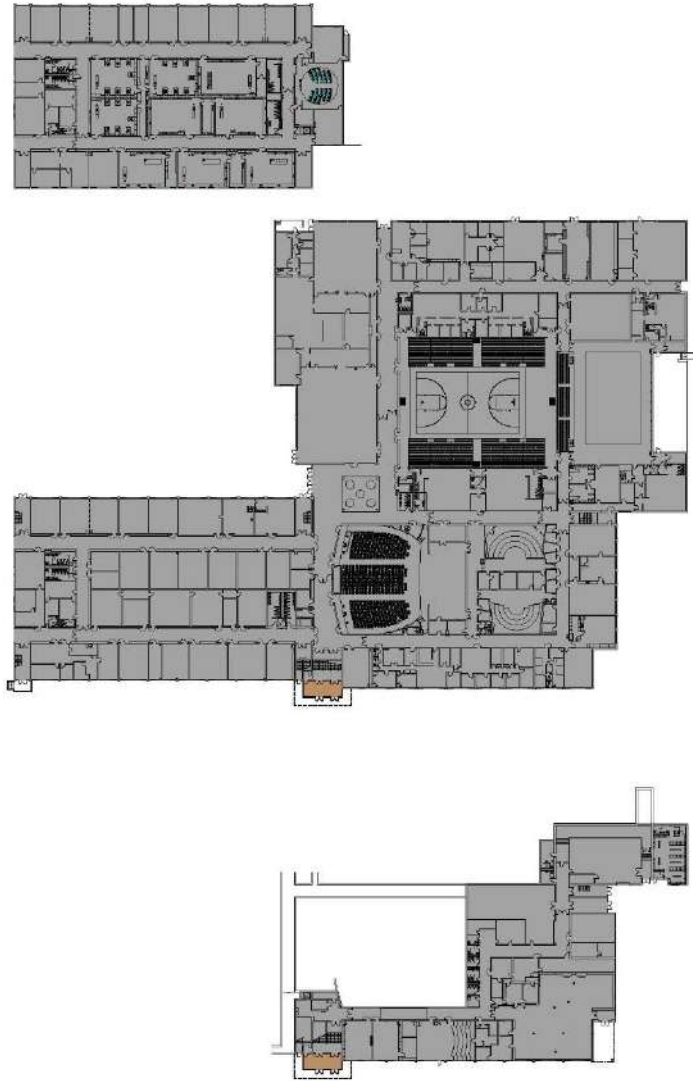


LYMAN HALL - ALTERNATIVE 3: RENOVATE AS NEW - THEME				
2020-21 9-12 GRADE ENROLLEMENT: 918 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new *does not include roofs and auditorium	188,958	\$ 325		\$ 61,411,350
Security Entry Vestibule Improvements	150	\$ 1,500		\$ 225,000
OPTION TOTAL				\$ 61,636,350
ANTICIPATED TOWN SHARE				\$ 35,668,524
ANTICIPATED STATE SHARE				\$ 25,967,826
		(sq ft allows for 79% of)	53.33%	

LYMAN HALL – RENOVATE AS NEW WITH THEME



Alternative 3: Themed Pathways

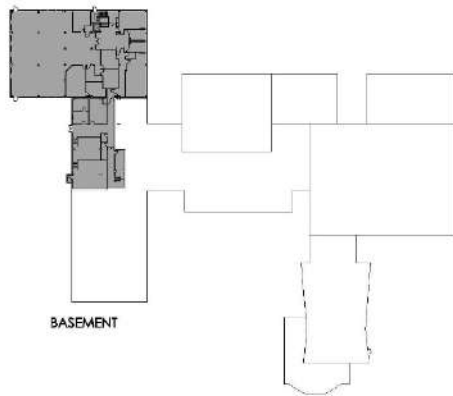
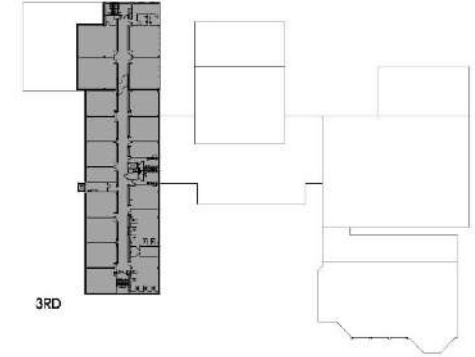
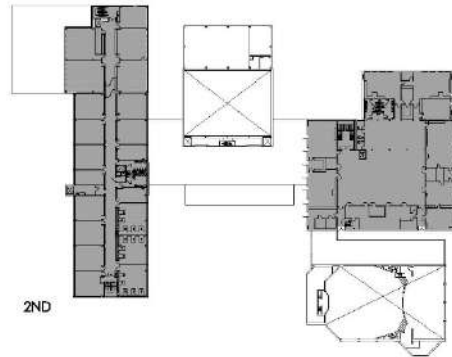
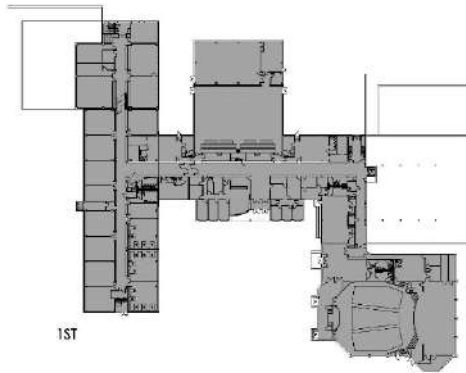


SHEEHAN - ALTERNATIVE 3: RENOVATE AS NEW - THEME				
2020-21 9-12 GRADE ENROLLEMENT: 918 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new * does not include roofs and auditorium	188,832	\$ 325		\$ 61,370,400
New Security Entry Vestibule Addition	426	\$ 1,500		\$ 639,000
OPTION TOTAL				\$ 62,009,400
ANTICIPATED TOWN SHARE				\$ 35,884,406
ANTICIPATED STATE SHARE				\$ 26,124,994
	(sq ft allows for 79% of)	53.33%		

SHEEHAN – RENOVATE AS NEW WITH THEME



Alternative 3: Themed Pathways

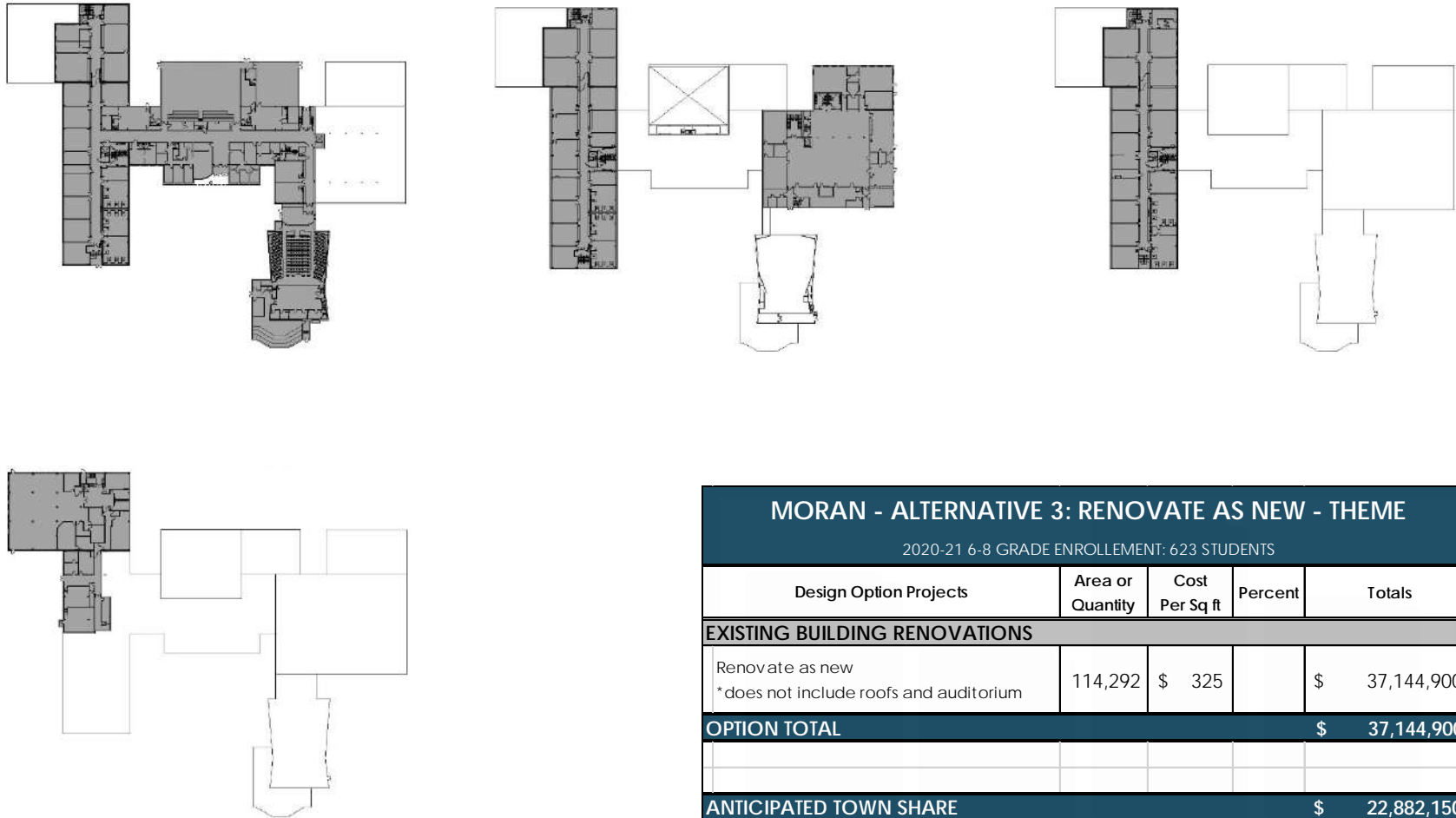


DAG - ALTERNATIVE 3: RENOVATE AS NEW - THEME				
2020-21 6-8 GRADE ENROLLEMENT: 623 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new *does not include roofs and auditorium	110,028	\$ 325		\$ 35,759,100
OPTION TOTAL				\$ 35,759,100
ANTICIPATED TOWN SHARE				\$ 21,456,354
ANTICIPATED STATE SHARE				\$ 14,302,746
		(sq ft allows for 75% of)	53.33%	

DAG – RENOVATE AS NEW WITH THEME



Alternative 3: Themed Pathways



MORAN - ALTERNATIVE 3: RENOVATE AS NEW - THEME				
2020-21 6-8 GRADE ENROLLEMENT: 623 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new *does not include roofs and auditorium	114,292	\$ 325		\$ 37,144,900
OPTION TOTAL				\$ 37,144,900
ANTICIPATED TOWN SHARE				\$ 22,882,150
ANTICIPATED STATE SHARE				\$ 14,262,750

MORAN – RENOVATE AS NEW WITH THEME



Alternative 3: 6-12 Pathways

- District would need to determine how to manage pathway choice and enrollment balancing
 - Assume that a percentage of students remain in their school of residence
 - Application or lottery for pathway program entrance
- Additional costs associated with 6-12 pathways operations
 - Estimated additional annual transportation costs: \$525,000 - \$900,000
 - Potential investments in staffing (whether professional development or new staff) needed to fully develop pathways



Alternative 3: 6-12 Pathways

Considerations

- Construction Costs (\$117.2 million) and additional \$525,000 - \$900,000 in annual transportation costs
- Improved efficiency and functionality of all schools due to renovations - new layouts designed for enrollment and pathways curricula
- “Campus concept” of 6-12 pathways in sister schools – more effective for Dag and Lyman Hall due to physical connection
- Improved educational programming for middle and high schools through fully developed pathways and equitable opportunity for all students
- Administrative burden of managing 6-12 enrollments; also ensures enrollment balancing objectives can be met
- Ensuring flexibility for students who may swap pathways/ schools for variety of reasons, especially in middle school years
- Increased transportation times and likely need to adjust bell times
- Potential staffing investments required to fully implement pathways
- Reduced long-term facilities maintenance needs for middle and high schools
- Phased construction projects and short-term disruptions to middle and high school systems



Alternative 4: Junior High

- Dag converted to central office, district IT, special ed, alternative ed, adult ed programming and offices
- Moran renovated to a districtwide 5-6 intermediate school
- Sheehan renovated to districtwide junior high (7-8)
- Lyman Hall renovated to districtwide high school (9-12)

Moran
(5-6)

Lyman Hall
(9-12)

Sheehan
(7-8)

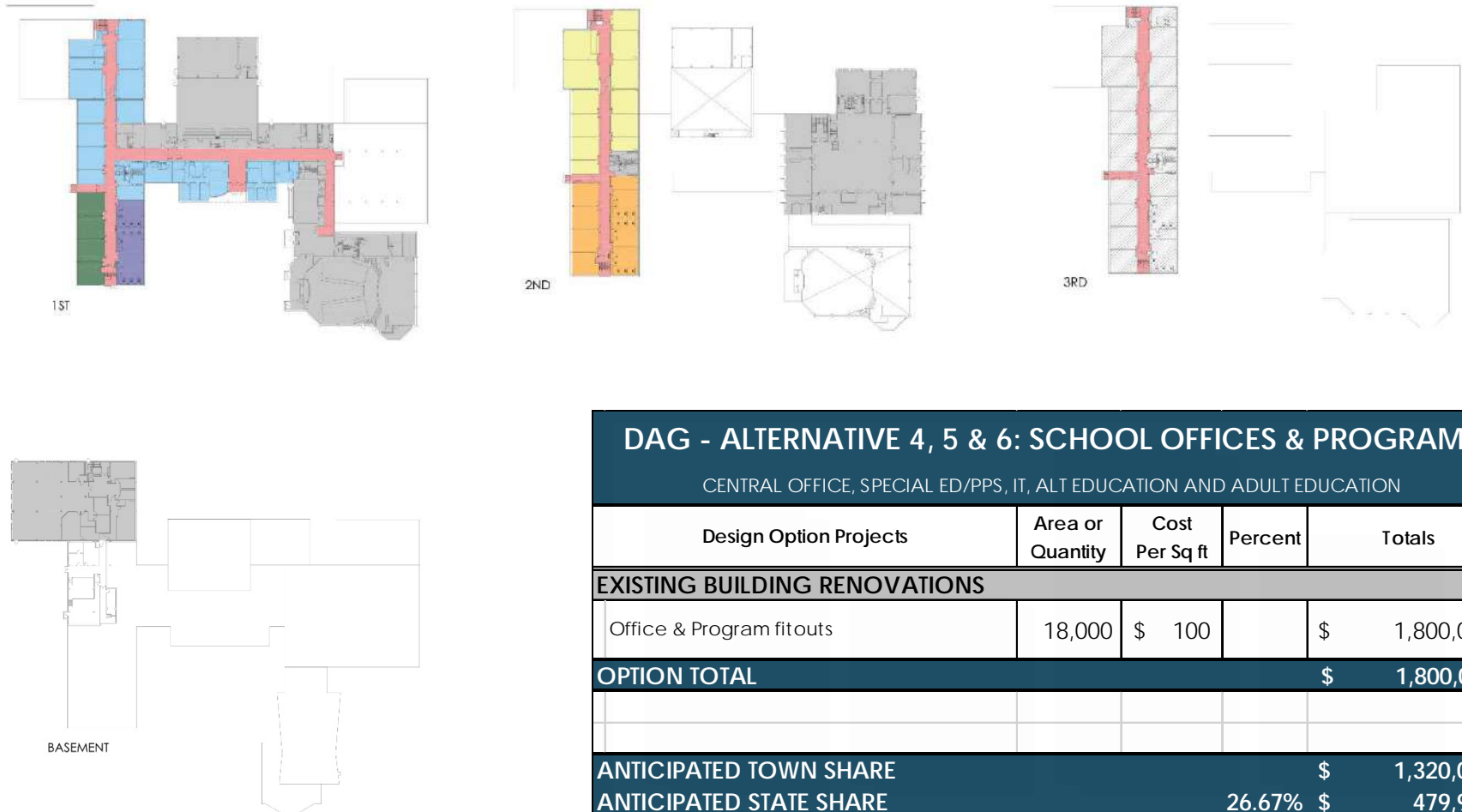


Alternative 4: Junior High

ALTERNATIVE 4: JUNIOR HIGH		
Projects	Totals	Total Anticipated Town Share
DAG MIDDLE SCHOOL		
School Offices & Programs - CENTRAL OFFICE, SPECIAL ED/PPS, IT, ALT EDUCATION AND ADULT EDUCATION	\$ 1,800,000	\$ 1,320,030
MORAN MIDDLE SCHOOL		
Renovate as New - Town wide Intermediate - 2020-21 5-6 GRADE ENROLLMENT: 778 STUDENTS	\$ 37,144,900	\$ 19,712,650
LYMAN HALL HIGH SCHOOL		
Renovate as New - Town wide High School - 2020-21 9-12 GRADE ENROLLMENT: 1837 STUDENTS	\$ 108,280,965	\$ 50,534,726
SHEEHAN HIGH SCHOOL		
Renovate as New - Town wide Junior High - 2020-21 7-8 GRADE ENROLLMENT: 823 STUDENTS	\$ 62,009,400	\$ 42,829,024
TOTAL ALT PROJECT COST	\$ 209,235,265	
TOTAL ALT ANTICIPATED TOWN SHARE		\$ 114,396,431



Alternative 4: Junior High

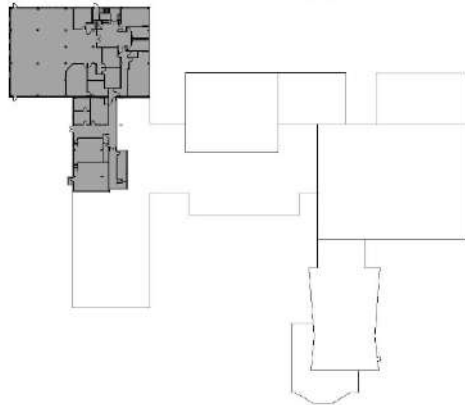
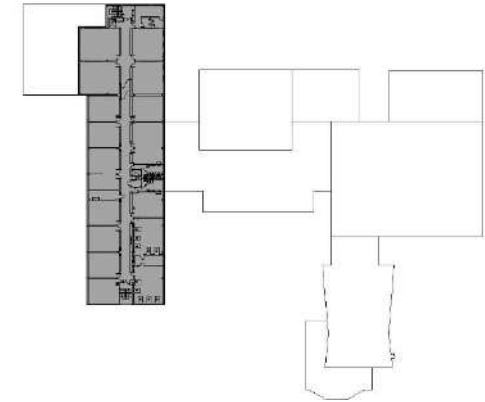
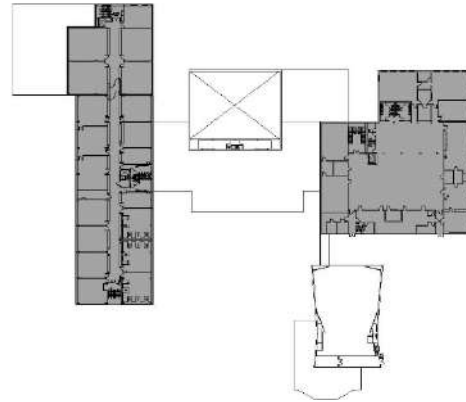
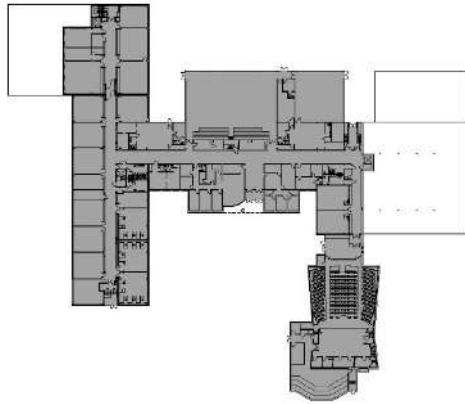


DAG - ALTERNATIVE 4, 5 & 6: SCHOOL OFFICES & PROGRAMS				
CENTRAL OFFICE, SPECIAL ED/PPS, IT, ALT EDUCATION AND ADULT EDUCATION				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Office & Program fitouts	18,000	\$ 100		\$ 1,800,000
OPTION TOTAL				\$ 1,800,000
ANTICIPATED TOWN SHARE				\$ 1,320,030
ANTICIPATED STATE SHARE			26.67%	\$ 479,970

DAG – DISTRICT OFFICES/PROGRAMS



Alternative 4: Junior High

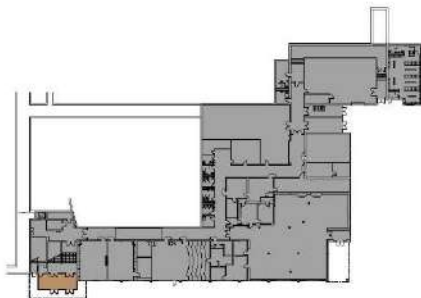
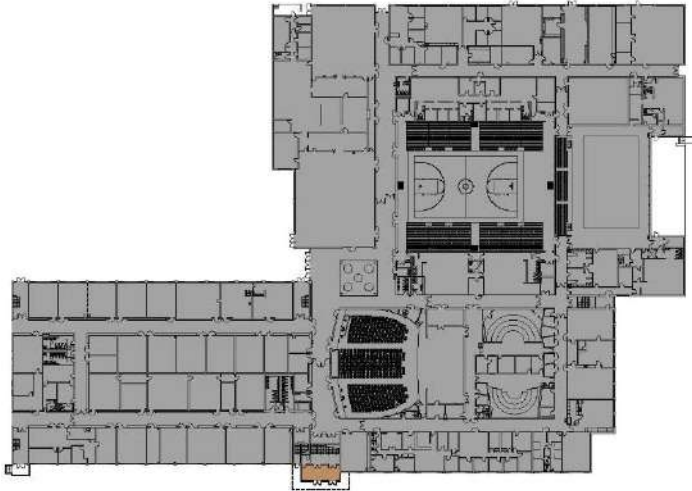
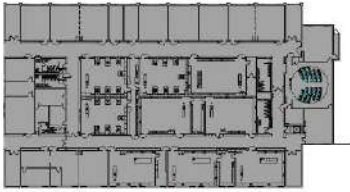


MORAN - ALTERNATIVE 4: JUNIOR HIGH				
2020-21 5-6 GRADE ENROLLEMENT: 778 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new *does not include roofs and auditorium	114,292	\$ 325		\$ 37,144,900
OPTION TOTAL				\$ 37,144,900
ANTICIPATED TOWN SHARE				\$ 19,712,650
ANTICIPATED STATE SHARE		(sq ft allows for 88% of)	53.33%	\$ 17,432,250

MORAN – RENOVATE AS NEW – GRADES 5-6



Alternative 4: Junior High

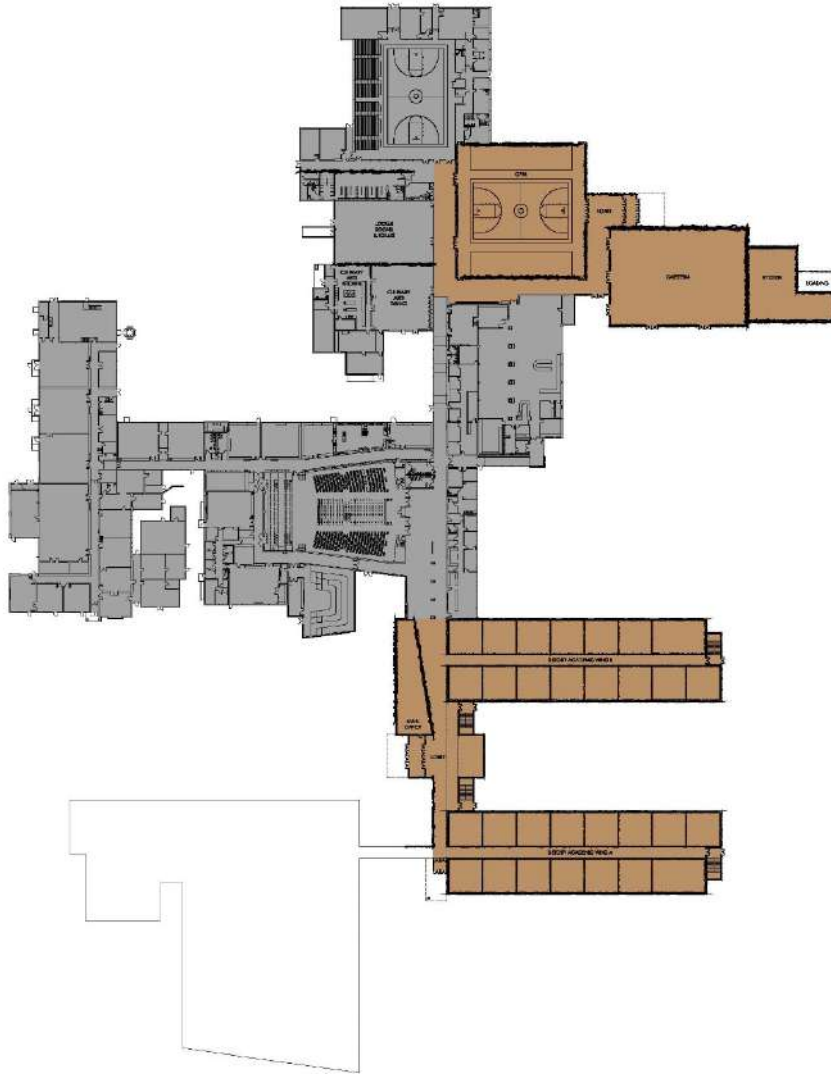


SHEEHAN - ALTERNATIVE 4: RENOVATE AS NEW - JR HIGH				
2020-21 7-8 GRADE ENROLLEMENT: 823 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
EXISTING BUILDING RENOVATIONS				
Renovate as new * does not include roofs and auditorium	188,832	\$ 325		\$ 61,370,400
New Security Entry Vestibule Addition	426	\$ 1,500		\$ 639,000
OPTION TOTAL				\$ 62,009,400
ANTICIPATED TOWN SHARE				\$ 42,829,024
ANTICIPATED STATE SHARE				\$ 19,180,376
			(sq ft allows for 58% of)	53.33%

SHEEHAN – RENOVATE AS NEW – GRADES 7&8



Alternative 4: Junior High



LYMAN HALL - ALTERNATIVE 4 & 6: 1 TOWN WIDE HIGH SCHOOL				
2020-21 9-12 GRADE ENROLLEMENT: 1837 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
BUILDING DEMOLITION (PARTIAL)				
Remove sprawling dated inefficient classroom wings	77,283	\$ 30		\$ 2,318,490
EXISTING BUILDING RENOVATIONS				
Renovate as new * does not include roofs and auditorium	111,675	\$ 325		\$ 36,294,375
NEW GYM & CAFÉ ADDITION				
New larger gym, lobby café and kitchen	35,280	\$ 450		\$ 15,876,000
NEW 3 STORY CLASSROOM ADDITION				
Relocate main office to front, new entry & lobby, 2 new 3 story classrooms wings with bus entry at new loop	119,538	\$ 450		\$ 53,792,100
OPTION TOTAL				\$ 108,280,965
ANTICIPATED TOWN SHARE				\$ 50,534,726
ANTICIPATED STATE SHARE				53.33% \$ 57,746,239

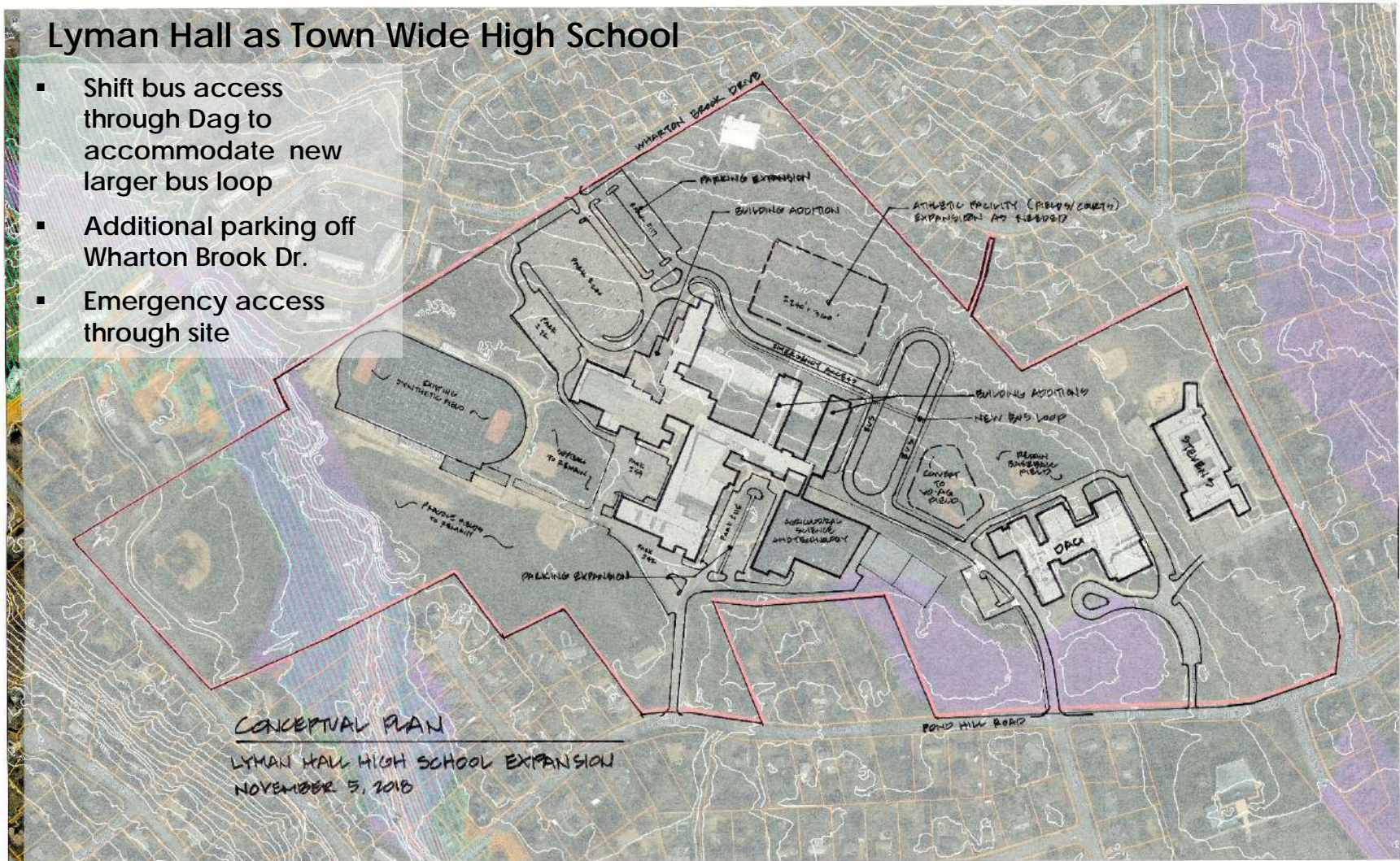
LYMAN HALL – RENOVATE AS NEW WITH ADDITIONS



Alternative 4: Junior High

Lyman Hall as Town Wide High School

- Shift bus access through Dag to accommodate new larger bus loop
- Additional parking off Wharton Brook Dr.
- Emergency access through site



Lyman Hall High School

70 Pond Hill Road, Wallingford CT, 06492





Alternative 4: Junior High

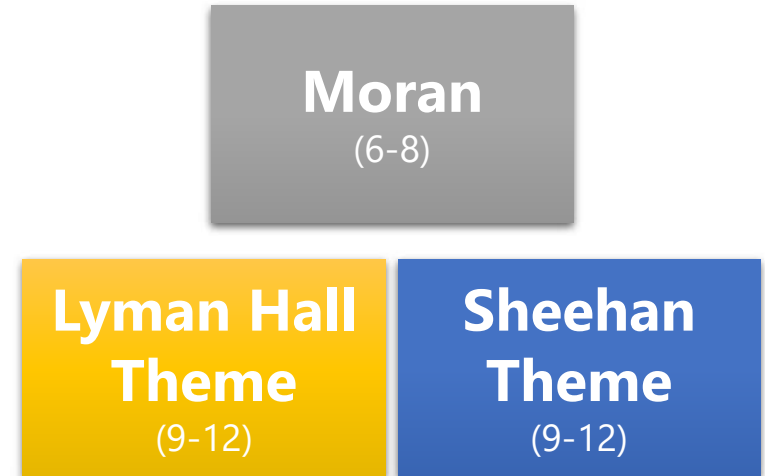
Considerations

- Construction costs (\$114.4) and increased transportation costs (not estimated due to unknown impacts to elementary schools)
- 7-9 and 10-12 originally discussed; however to maintain Ag-Sciences and to facilitate compliance with graduation requirements, difficult to implement
- Districtwide disruption
 - Impacts all elementary schools due to shifting of 5th graders - whether shifting elementary school pairings to PK-1/2-4, or reverting to PK-4
 - Community still impacted by last elementary reconfiguration and redistricting
- Developmentally similar groupings viewed positively
- Junior high model could facilitate exposure to themes prior to specialization in upper high school
- Smaller schools than if consolidating into one middle and one high school
- Number of transitions inhibits community-building in schools
- Increased transportation times at younger ages
- Central office and other educational services consolidated on campus setting



Alternative 5: Themed Highs, 1 Middle

- Dag converted to central office, district IT, special ed, alternative ed, adult ed programming and offices (same as Alt 4)
- Moran renovated to a districtwide middle school (6-8)
- Lyman Hall renovated as new and designed to house STEM; Ag-Science, Manufacturing and Construction; and Business, Law and Entrepreneurism themes (same as Alt 3)
- Sheehan renovated as new and designed to house Arts, AV Technology and Communication; and Medical and Human Services themes (same as Alt 3)



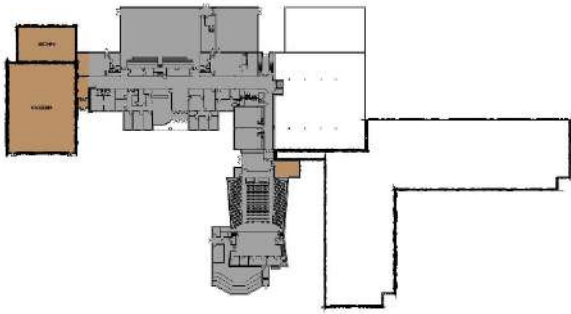
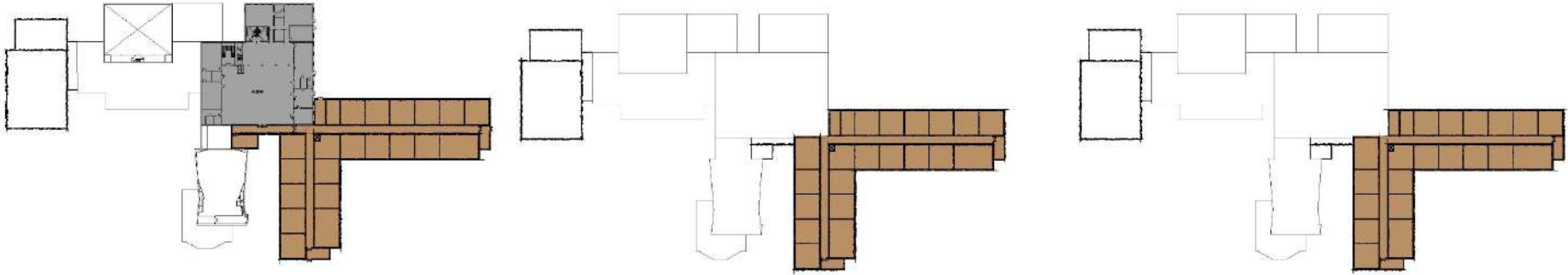


Alternative 5: Themed Highs, 1 Middle

ALTERNATIVE 5: THEMED RENOVATED HS & 1 TOWN MS		
Projects	Total Project Cost	Total Anticipated Town Share
DAG MIDDLE SCHOOL		
School Offices & Programs - CENTRAL OFFICE, SPECIAL ED/PPS, IT, ALT EDUCATION AND ADULT EDUCATION	\$ 1,800,000	\$ 1,320,030
MORAN MIDDLE SCHOOL		
Renovate as New - Town wide Middle - 2020-21 6-8 GRADE ENROLLMENT: 1245 STUDENTS	\$ 59,783,950	\$ 27,901,169
LYMAN HALL HIGH SCHOOL		
Themed Renovate as New - 2020-21 9-12 GRADE ENROLLMENT: 918	\$ 61,636,350	\$ 35,668,524
SHEEHAN HIGH SCHOOL		
Themed Renovate as New - 2020-21 9-12 GRADE ENROLLMENT: 918	\$ 62,009,400	\$ 35,884,406
TOTAL ALT PROJECT COST	\$ 185,229,700	
TOTAL ALT ANTICIPATED TOWN SHARE		\$ 100,774,129



Alternative 5: Themed Highs, 1 Middle



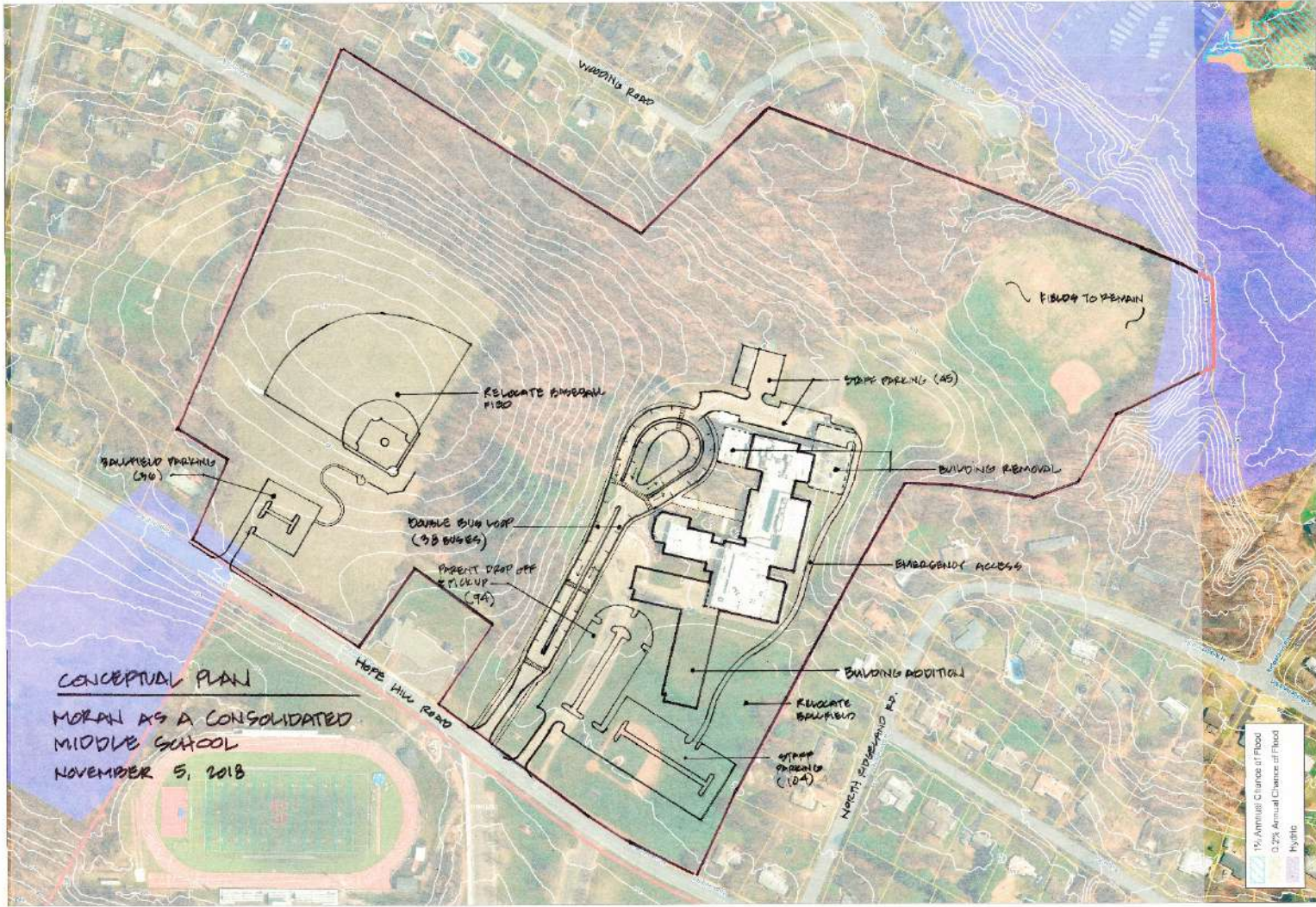
MORAN - ALTERNATIVE 5: 1 TOWN WIDE MIDDLE SCHOOL				
2020-21 6-8 GRADE ENROLLEMENT: 1245 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
BUILDING DEMOLITION				
Remove 3 story original classroom structure	54,000	\$ 30		\$ 1,620,000
EXISTING BUILDING RENOVATIONS				
Renovate as new *does not include roofs and auditorium	60,292	\$ 325		\$ 19,594,900
NEW ADDITIONS				
3 story classroom addition and relocated cafeteria addition	89,309	\$ 450		\$ 40,189,050
OPTION TOTAL				\$ 59,783,950
ANTICIPATED TOWN SHARE				\$ 27,901,169
ANTICIPATED STATE SHARE			53.33%	\$ 31,882,781

MORAN – RENOVATE AS NEW WITH ADDITIONS



Alternative 5: Themed Highs, 1 Middle

Moran as Town Wide Middle School



James H. Moran Middle School
 311 Hope Hill Road, Wallingford CT, 06492



1 inch = 80 feet



1% Annual Chance of Flood
 0.2% Annual Chance of Flood
 Hydric



Alternative 5: Themed Highs, 1 Middle

- District would need to determine how to manage program choice and balance enrollments
 - Assume that a percentage of students remain in their school of residence
 - Application or lottery for pathway program entrance
- Estimated annual savings from middle school consolidation and centralization of administrative staff and services:
 - Reduction of about 30 teaching, administrative, special ed, operational staff - Savings of about \$1.9 million annually in salaries, benefits, Medicare (less unemployment)
 - Release from current Central office lease – Savings of about \$187,000 (in 2019-20 \$) annually
 - **Estimated total annual savings: about \$2.1 million**
- Additional costs associated with themed high schools operations
 - Estimated additional annual transportation costs: \$300,000 - \$485,000
 - Potential investments in staffing (whether professional development or new staff) needed to fully develop pathways
- **Net difference in annual operating costs: Savings of \$1.6 - \$1.8 million** some of which may need to be reinvested in staff development



Alternative 5: Themed Highs, 1 Middle

Considerations

- Construction costs (\$100.8 million) and annual savings of \$1.6 - \$1.8 million
- Improved efficiency and functionality of all schools due to renovations - new layouts designed for enrollment and pathways or current curricula
- Improved high school programming through fully developed pathways and equitable opportunity for all students
- Size of middle school, and unusual configuration to bring all students together at 6th grade, to split again at 9th grade
- Administrative burden of managing high school enrollments; also ensures enrollment balancing objectives can be met
- Ensuring flexibility for students who may swap pathways/ schools for variety of reasons
- Increased transportation times and likely need to adjust bell times
- Potential staffing investments required to fully implement pathways
- Reduced long-term facilities maintenance needs at middle and high school levels
- Phased construction projects and short-term disruptions to high school system
- Central office and other educational services consolidated on campus setting



Alternative 6: 1 High, 1 Middle

- Dag converted to central office, district IT, special ed, alternative ed, adult ed programming and offices (same as previous alternatives)
- Moran consolidated and returned to the town
- Lyman Hall renovated to districtwide high school (same as Alt 4)
- Sheehan renovated to districtwide middle school

**Sheehan
Middle**
(6-8)

**Lyman Hall
High**
(9-12)

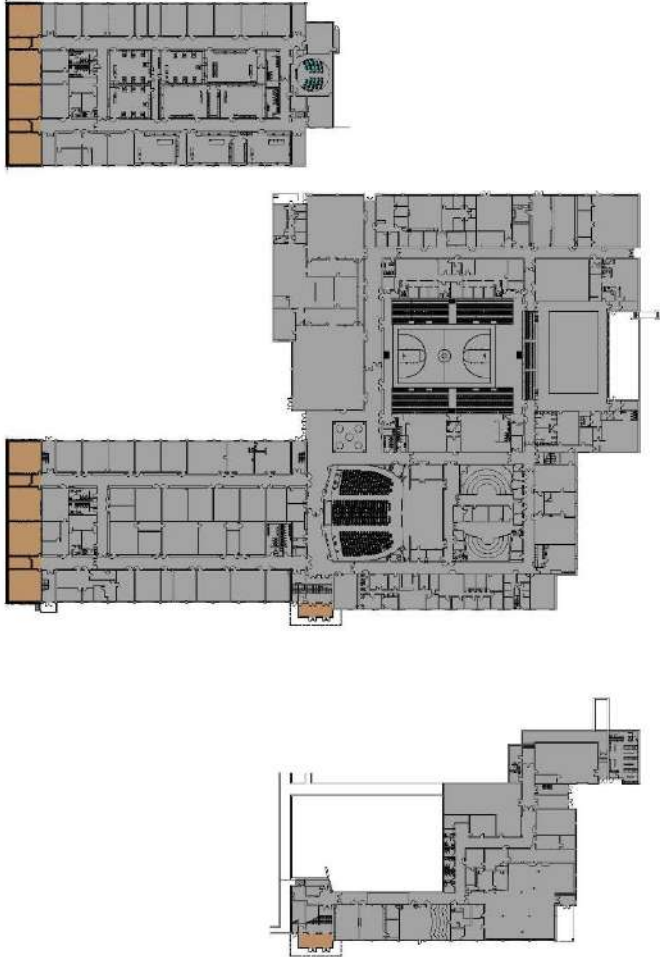


Alternative 6: 1 High, 1 Middle

ALTERNATIVE 6: 1 MS & 1 HS		
Projects	Totals	Total Anticipated Town Share
DAG MIDDLE SCHOOL		
School Offices & Programs - CENTRAL OFFICE, SPECIAL ED/PPS, IT, ALT EDUCATION AND ADULT EDUCATION	\$ 1,800,000	\$ 1,320,030
MORAN MIDDLE SCHOOL		
Relinquish property to town	\$ -	
LYMAN HALL HIGH SCHOOL		
Renovate as New - Town wide High School - 2020-21 9-12 GRADE ENROLLMENT: 1837 STUDENTS	\$ 108,280,965	\$ 50,534,726
SHEEHAN HIGH SCHOOL		
Classroom addition - Town wide Middle School - 2020-21 6-8 GRADE ENROLLMENT: 1245 STUDENTS	\$ 9,588,950	\$ 7,220,488
TOTAL ALT PROJECT COST	\$ 119,669,915	
TOTAL ALT ANTICIPATED TOWN SHARE		\$ 59,075,245



Alternative 6: 1 High, 1 Middle



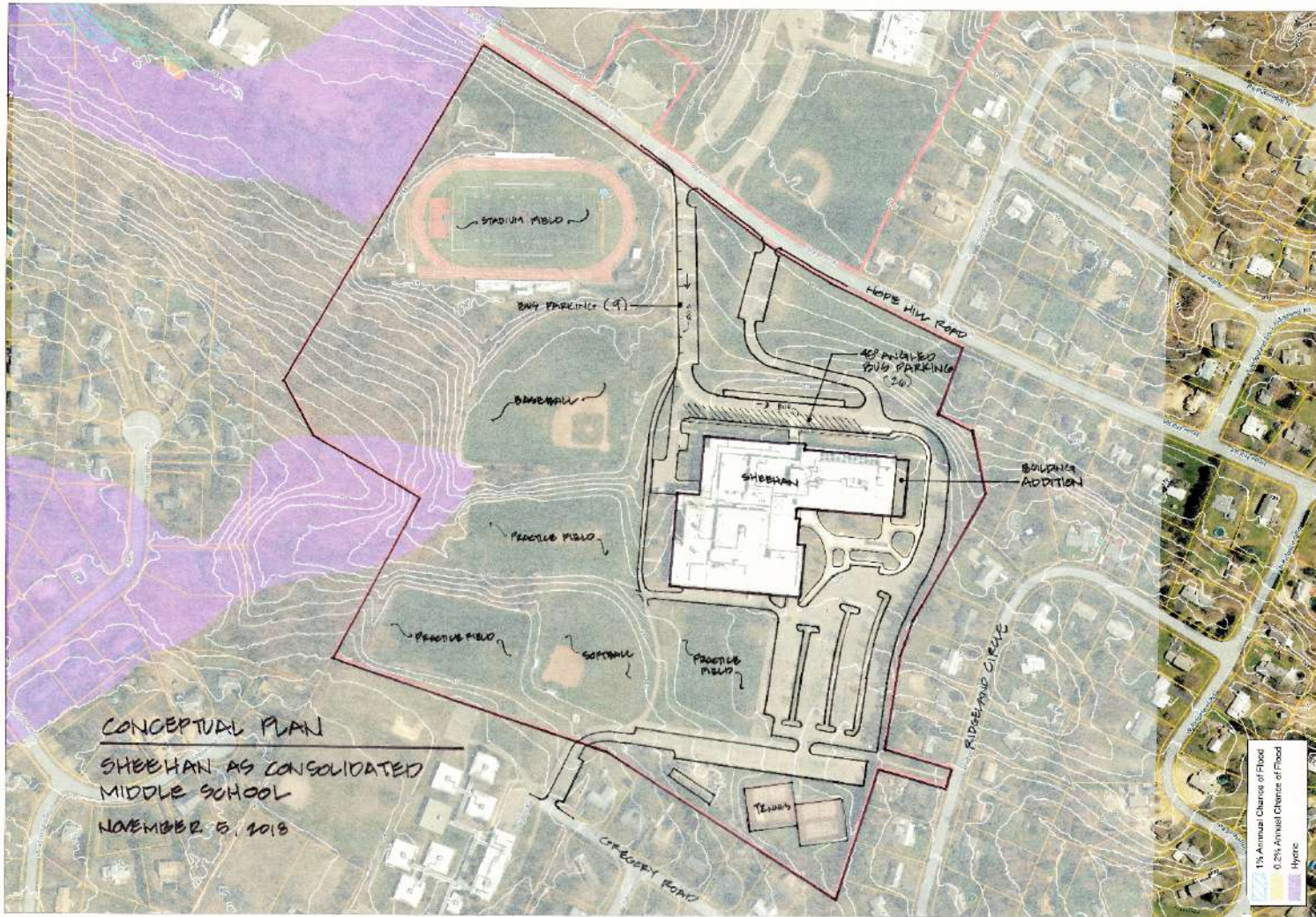
SHEEHAN – SMALL ADDITION

SHEEHAN - ALTERNATIVE 6: 1 TOWN WIDE MIDDLE SCHOOL				
2020-21 6-8 GRADE ENROLLEMENT: 1245 STUDENTS				
Design Option Projects	Area or Quantity	Cost Per Sq ft	Percent	Totals
NEW 8 CLASSROOM ADDITION				
8 more classrooms to support enrollment	9,406	\$ 450		\$ 4,232,700
New Security Entry Vestibule Addition	426	\$ 1,500		\$ 639,000
Capital Needs				\$ 3,967,250
Small renovations	3,000	\$ 250		\$ 750,000
OPTION TOTAL				\$ 9,588,950
ANTICIPATED TOWN SHARE				\$ 7,220,488
ANTICIPATED STATE SHARE				\$ 2,368,462
			(sq ft allows for 79% of)	53.33%



Alternative 6: 1 High, 1 Middle

Sheehan as Town Wide Middle School



CONCEPTUAL PLAN
SHEEHAN AS CONSOLIDATED
MIDDLE SCHOOL
NOVEMBER 8, 2018

0 50 100 200 300 Feet

Sheehan High School
147 Hope Hill Road, Wallingford CT, 06492



1 inch = 100 feet





Alternative 6: 1 High, 1 Middle

- Estimated annual savings from middle school consolidation and centralization of administrative staff and services:
 - Reduction of about 30 teaching, administrative, special ed, operational staff - Savings of about \$1.9 million annually in salaries, benefits, Medicare (less unemployment)
 - Moran Building Utilities – Savings of about \$360,000 annually
- Estimated annual savings from high school consolidation
 - Reduction of about 28 teaching, administrative, special ed, operational staff - Savings of about \$1.9 million annually in salaries, benefits, Medicare (less unemployment)
- Release from current Central Office lease – Savings of about \$187,000 annually
- **Estimated annual savings - \$4.4 million**
- Estimated additional transportation costs - \$240,000 - \$525,000
- **Net difference in annual operating costs: - \$3.9 – \$4.2 million** some of which may be reinvested in pathways



Alternative 6: 1 High, 1 Middle

Considerations

- Construction costs (\$59.1 million) and annual estimated savings of \$3.9 - \$4.2 million
- Improved efficiency and functionality of schools by design
- Opportunities to improve/ expand pathway programming
- Concerns about size of schools: loss of sense of community, students lost in shuffle, access to athletics and extracurricular activities
- Transportation times and bell schedules
- Reduced long-term facilities maintenance needs
- Fate of Moran
- Phased construction and short-term disruption to system
- Central office and other educational services consolidated on campus setting

CT Public High Schools with 2017-18 Enrollments >1,500						
School	9	10	11	12	Total	DRG
Danbury High School	920	767	699	729	3,115	H
Greenwich High School	669	692	682	611	2,654	B
Norwich Free Academy	571	615	573	545	2,304	G
New Britain High School	694	522	522	446	2,184	I
Trumbull High School	535	488	535	549	2,107	B
Westhill High School (Stamford)	571	471	524	495	2,061	H
Southington High School	506	529	458	516	2,009	D
Glastonbury High School	502	494	508	493	1,997	B
Staples High School (Westport)	476	462	487	463	1,888	A
East Hartford High School	466	427	449	386	1,728	H
Stamford High School	445	450	386	408	1,689	H
Norwalk High School	490	397	404	391	1,682	H
Ridgefield High School	440	404	410	404	1,658	A
Newtown High School	372	427	406	419	1,624	B
Central High School (Bridgeport)	417	430	383	382	1,612	I
Enfield High School	460	395	348	358	1,561	F
Manchester High School	422	386	423	324	1,555	G
Brien McMahon High School (Norwalk)	402	402	369	353	1,526	H
Fairfield Ludlowe High School	379	368	375	388	1,510	B



Alternatives: Summary

	Alt 1 Status Quo	Alt 2 Renovated Highs	Alt 3 6-12 Pathways	Alt 4 Jr. High	Alt 5 Themed Highs, 1 Middle	Alt 6 1 High, 1 Middle
Dag	6-8	6-8	6-8 (Themes)	Central Office	Central Office	Central Office
Moran	6-8	6-8	6-8 (Themes)	5-6	6-8	-
Lyman Hall	9-12	9-12	9-12 (Themes)	9-12	9-12 (Themes)	9-12
Sheehan	9-12	9-12	9-12 (Themes)	7-8	9-12 (Themes)	6-8
Facilities Utilization	Worsening utilization at all buildings	Improved efficiency/ functionality of high schools, worsening at middle schools	Improved efficiency and functionality at all schools due to renovations	Improved efficiency and functionality at all schools due to renovations	Improved efficiency and functionality at all schools due to renovations	Improved efficiency and functionality at all schools by design
Est. Construction Cost to Town	\$15.6 million	\$77.7 million	\$117.2 million	\$114.4 million	\$100.8 million	\$59.1 million
Estimated Impact to Operational Costs	-	-	Additional: \$525,000 - \$900,000	Increased	Savings: \$1.6 - \$1.8 million	Savings: \$3.9 - \$4.2 million
Major Considerations	Underutilization of buildings	High schools appropriate size and spaces	All schools appropriate size and spaces	Developmentally appropriate pairings	All schools appropriate size and spaces	All schools appropriate size and spaces
	Continued maintenance of older facilities	Improved educational programming	Improved educational programming	Improved educational programming	Improved educational programming	Improved educational programming
	Limited improvements to educational programming	No changes to attendance zones	Transportation and bell times	Impacts elementary	Transportation and bell times	Size of schools and access to athletics and extracurricula
			Management of enrollment	Number of transitions	Size of middle school	Transportation and bell times
				Transportation and bell times		Future of Moran



Public Response



Public Response

What are your initial reactions to the alternatives?

For each question, press the numbered button that corresponds with your best answer. You may change your mind, whichever button you press last will be your recorded response.





Public Response

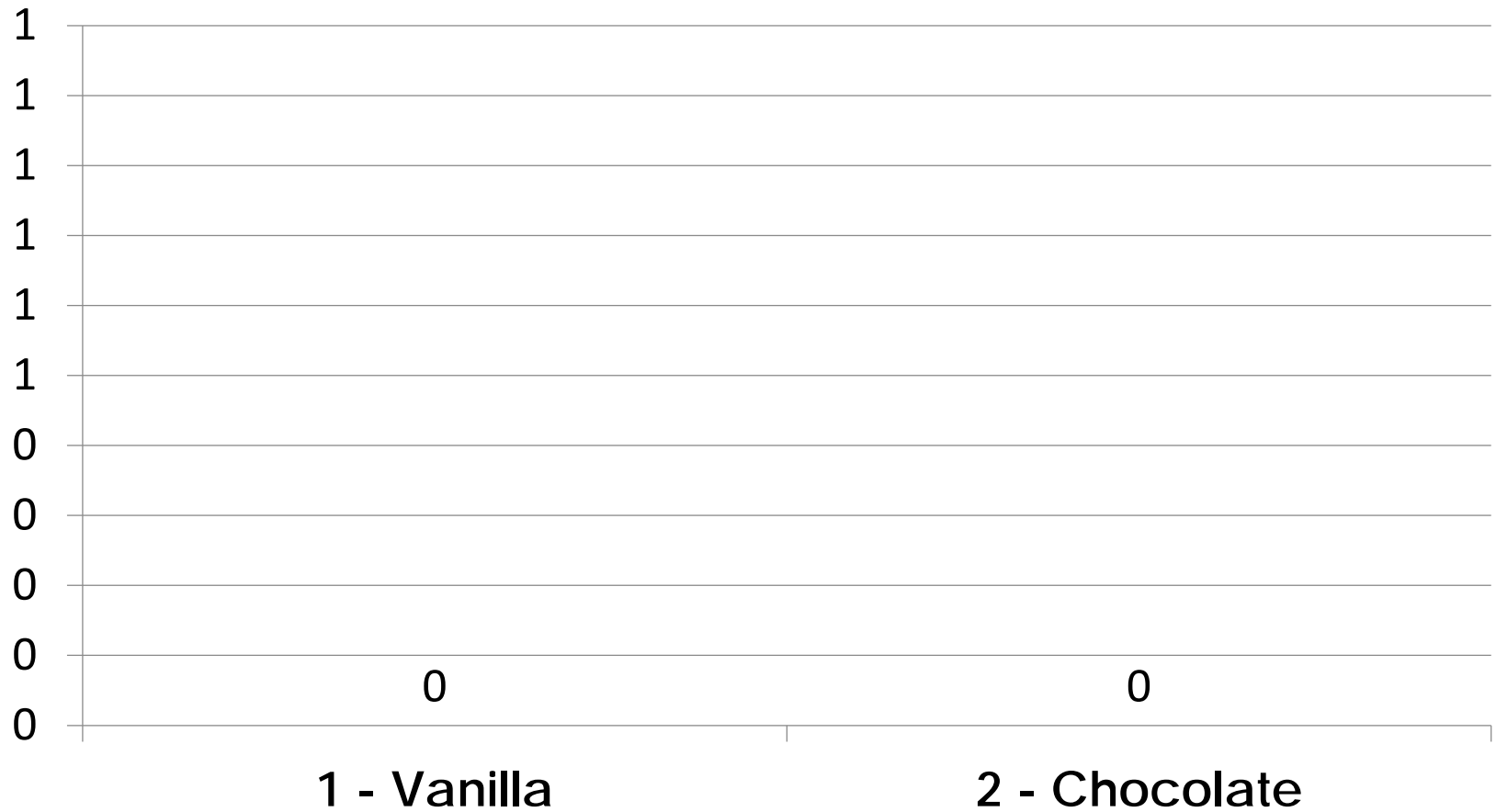
Practice question

Vanilla or chocolate?

1 - Vanilla

2 - Chocolate

Vanilla or Chocolate





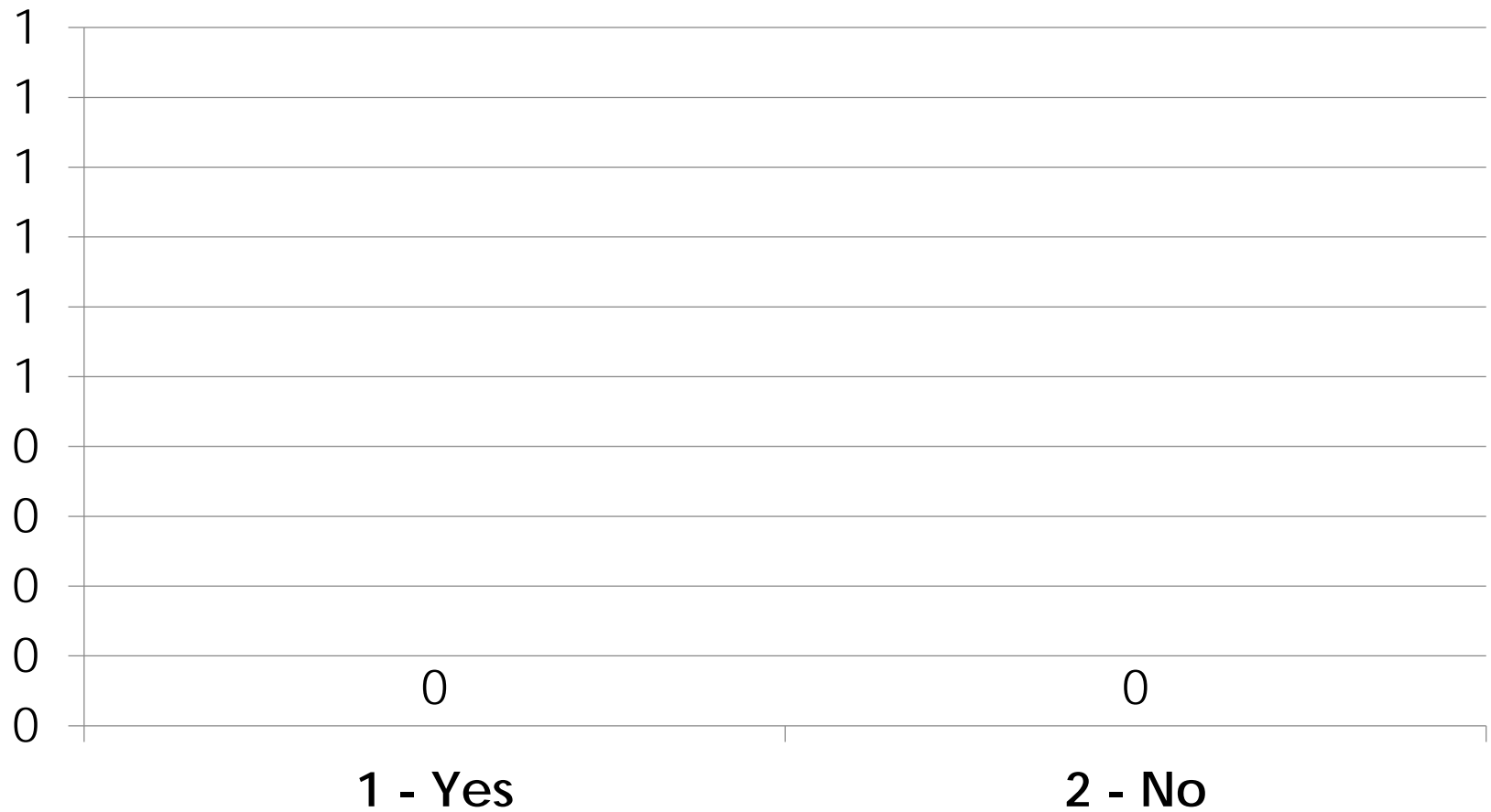
Public Response

Is the status quo a viable alternative for the District over the long-term?

1 - Yes

2 - No

Status Quo Viability





Public Response

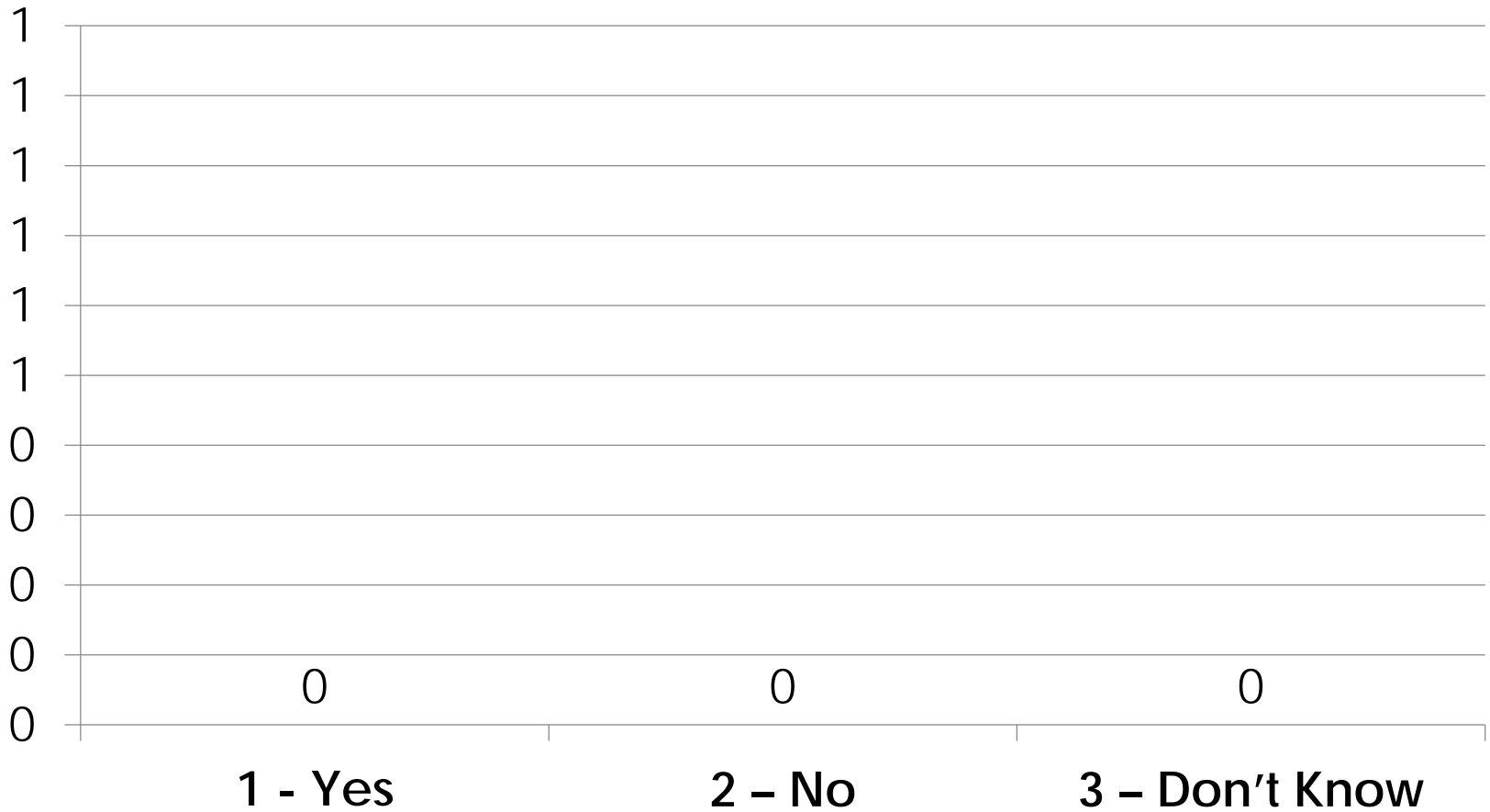
Should the District focus on developing pathways, while maintain a core curriculum?

1 - Yes

2 - No

3 - Don't Know

Pathways Focus





Public Response

Should the District focus pathways curriculum development at the high school level?

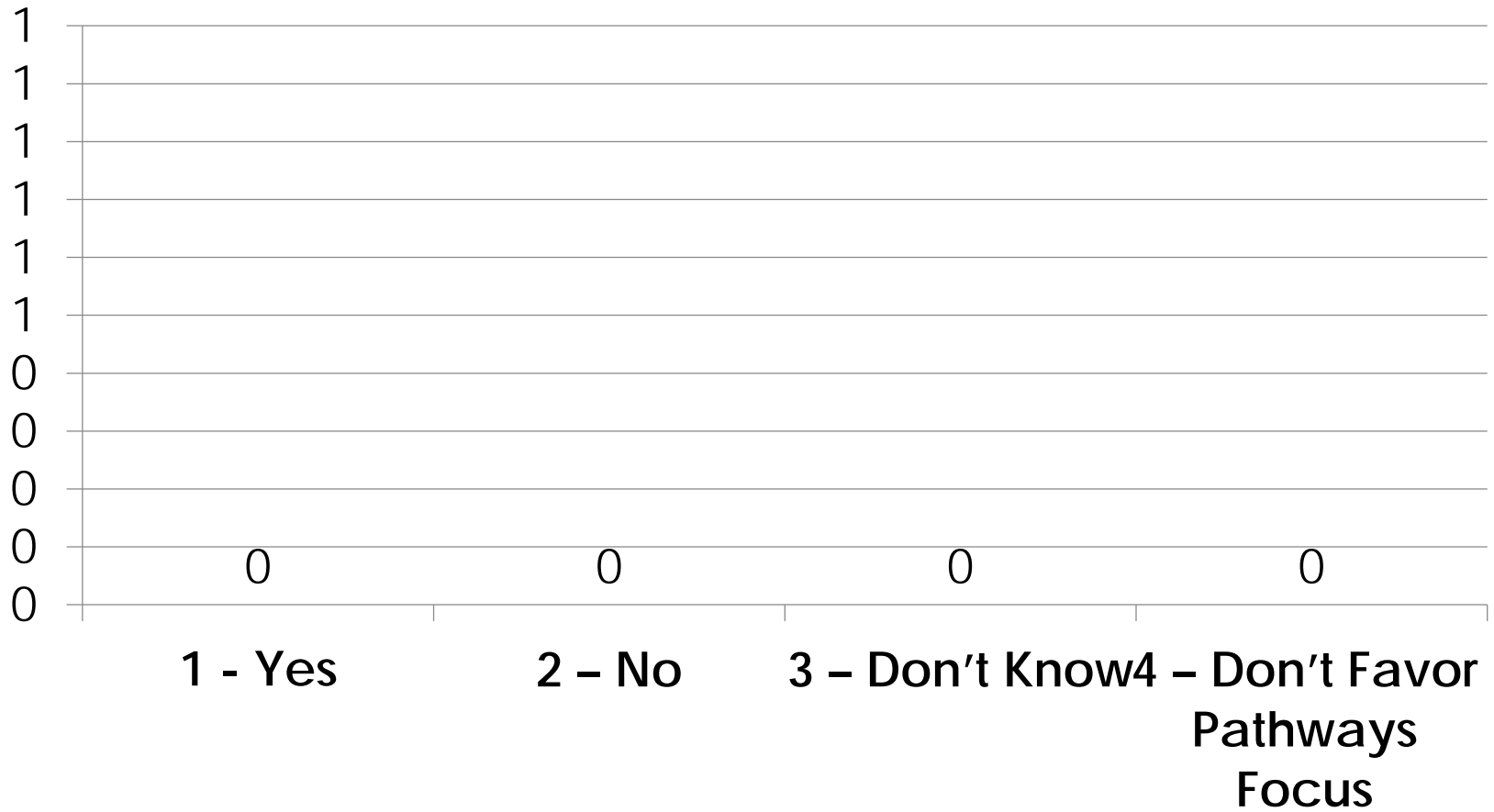
1 - Yes

2 - No

3 - Don't Know

4 - Don't Favor Pathways Focus

Pathways at High School Level





Public Response

Should the District focus pathways curriculum development at the middle school level?

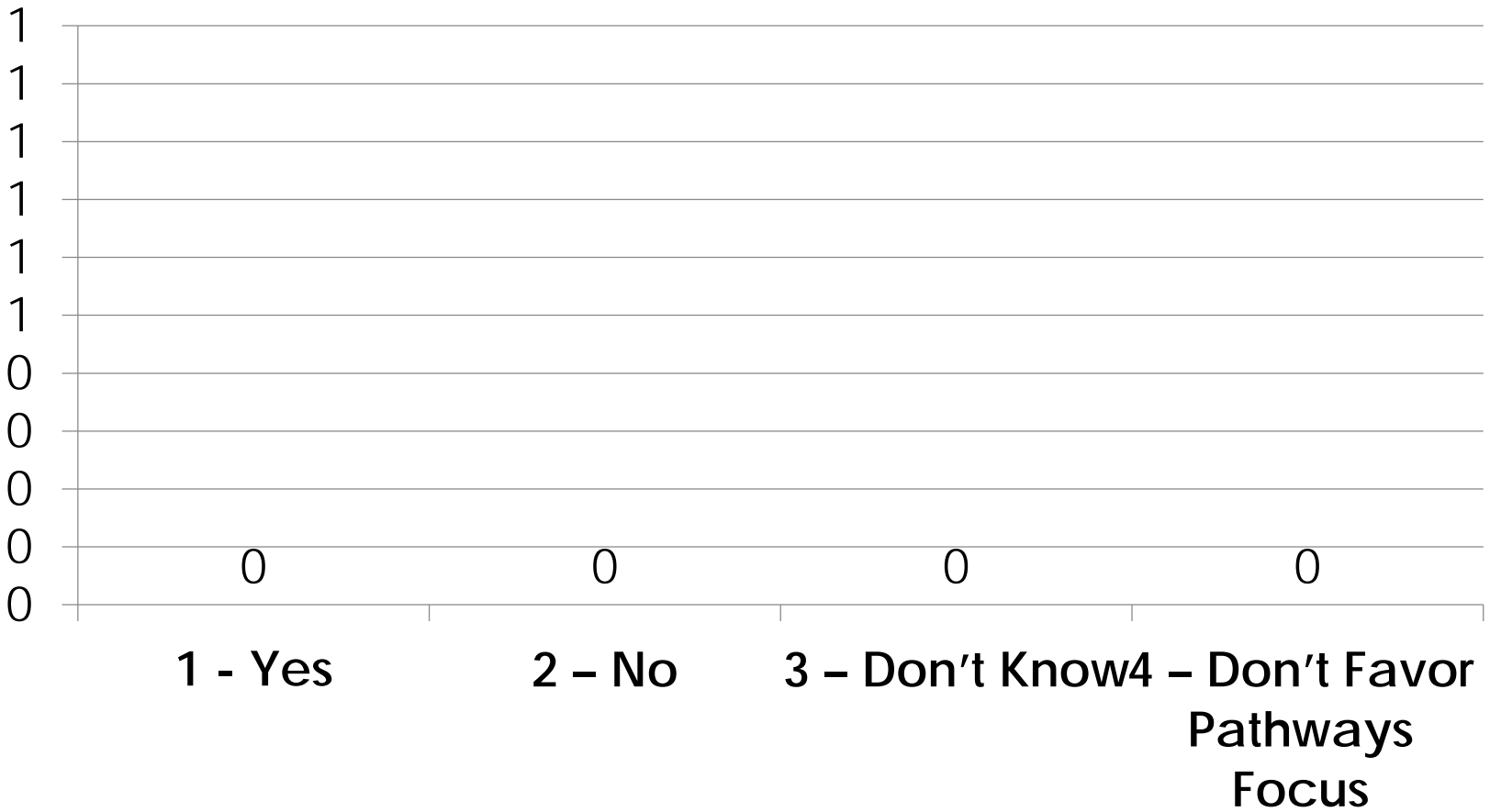
1 - Yes

2 - No

3 - Don't Know

4 - Don't Favor Pathways Focus

Pathways at Middle School Level





Public Response

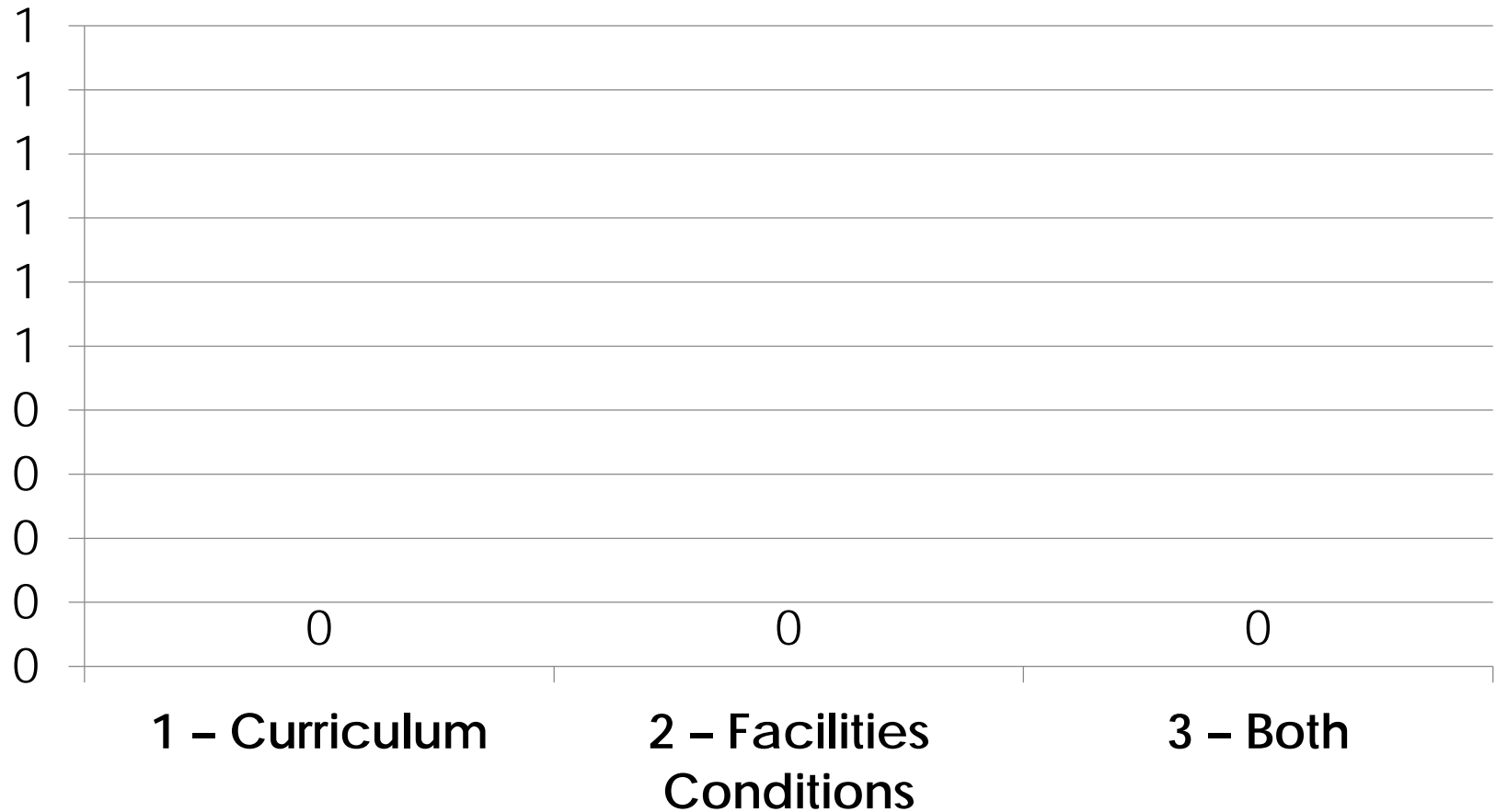
Which is most important to you?

1 – Curriculum

2 – Facilities Conditions

3 – Both

Which is Most Important?



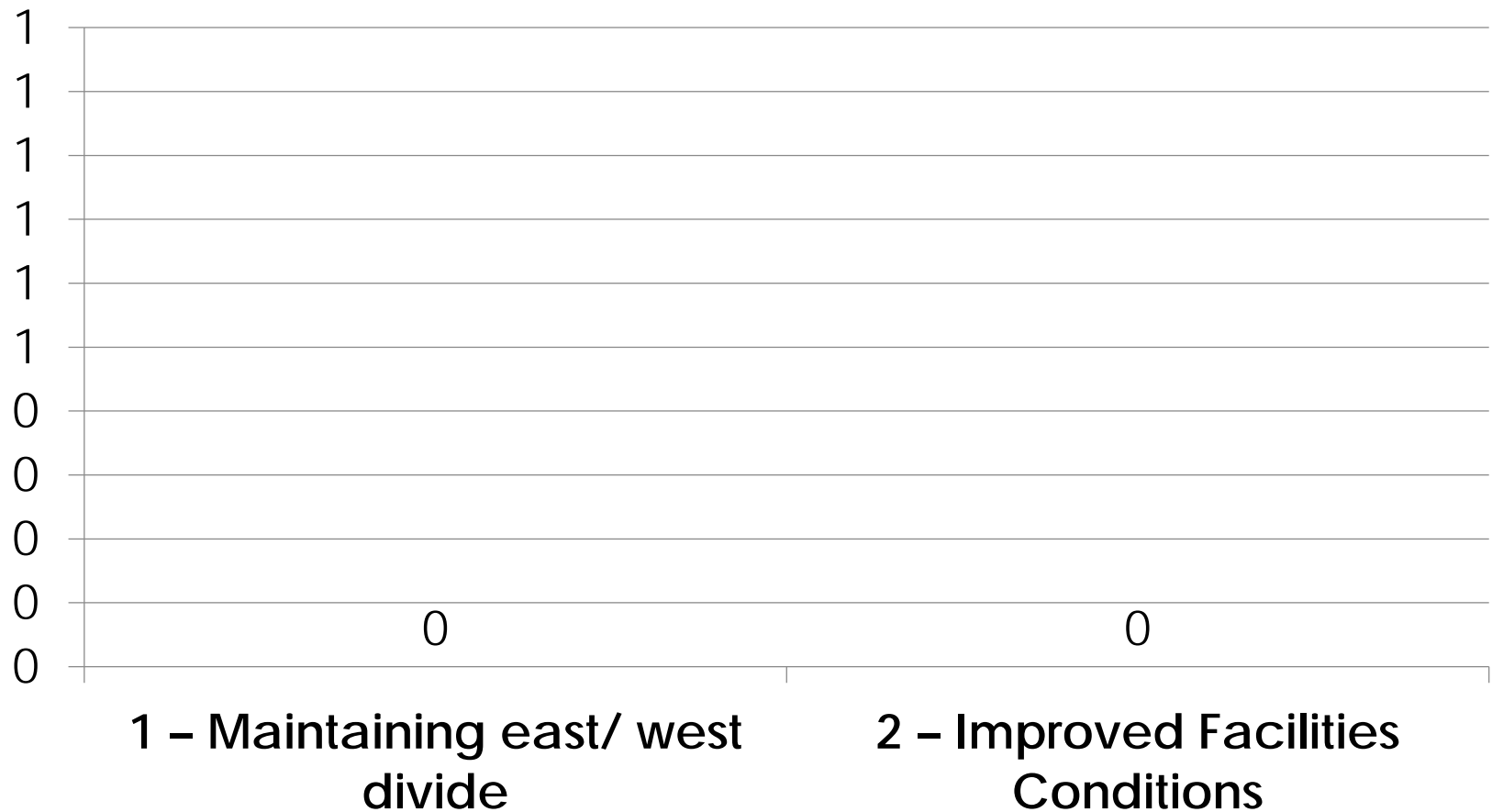


Public Response

Which is most important to you?

- 1 – Maintaining east/ west divide
- 2 – Improved Facilities Conditions

Which is Most Important?



Preferences among alternatives

Going to ask you to rate each alternative on a scale of 1-5, with **1 being most preferred**.

Alternative		Dag	Moran	Lyman Hall	Sheehan
Alt 1	Status Quo	6-8	6-8	9-12	9-12
Alt 2	Renovated Highs	6-8	6-8	9-12	9-12
Alt 3	6-12 Pathways	6-8 (Themes)	6-8 (Themes)	9-12 (Themes)	9-12 (Themes)
Alt 4	Jr. High	Central Office	5-6	9-12	7-8
Alt 5	Themed Highs, 1 Middle	Central Office	6-8	9-12 (Themes)	9-12 (Themes)
Alt 6	1 High, 1 Middle	Central Office	-	9-12	6-8

ALTERNATIVE 2

Please rate each alternative (except the status quo) on a scale of 1 to 5, with 1 being most preferred.

Alternative		Dag	Moran	Lyman Hall	Sheehan
Alt 1	Status Quo	6-8	6-8	9-12	9-12
Alt 2	Renovated Highs	6-8	6-8	9-12	9-12
Alt 3	6-12 Pathways	6-8 (Themes)	6-8 (Themes)	9-12 (Themes)	9-12 (Themes)
Alt 4	Jr. High	Central Office	5-6	9-12	7-8
Alt 5	Themed Highs, 1 Middle	Central Office	6-8	9-12 (Themes)	9-12 (Themes)
Alt 6	1 High, 1 Middle	Central Office	-	9-12	6-8

ALTERNATIVE 3

Please rate each alternative (except the status quo) on a scale of 1 to 5, with 1 being most preferred.

Alternative		Dag	Moran	Lyman Hall	Sheehan
Alt 1	Status Quo	6-8	6-8	9-12	9-12
Alt 2	Renovated Highs	6-8	6-8	9-12	9-12
Alt 3	6-12 Pathways	6-8 (Themes)	6-8 (Themes)	9-12 (Themes)	9-12 (Themes)
Alt 4	Jr. High	Central Office	5-6	9-12	7-8
Alt 5	Themed Highs, 1 Middle	Central Office	6-8	9-12 (Themes)	9-12 (Themes)
Alt 6	1 High, 1 Middle	Central Office	-	9-12	6-8

ALTERNATIVE 4

Please rate each alternative (except the status quo) on a scale of 1 to 5, with 1 being most preferred.

Alternative		Dag	Moran	Lyman Hall	Sheehan
Alt 1	Status Quo	6-8	6-8	9-12	9-12
Alt 2	Renovated Highs	6-8	6-8	9-12	9-12
Alt 3	6-12 Pathways	6-8 (Themes)	6-8 (Themes)	9-12 (Themes)	9-12 (Themes)
Alt 4	Jr. High	Central Office	5-6	9-12	7-8
Alt 5	Themed Highs, 1 Middle	Central Office	6-8	9-12 (Themes)	9-12 (Themes)
Alt 6	1 High, 1 Middle	Central Office	-	9-12	6-8

ALTERNATIVE 5

Please rate each alternative (except the status quo) on a scale of 1 to 5, with 1 being most preferred.

Alternative		Dag	Moran	Lyman Hall	Sheehan
Alt 1	Status Quo	6-8	6-8	9-12	9-12
Alt 2	Renovated Highs	6-8	6-8	9-12	9-12
Alt 3	6-12 Pathways	6-8 (Themes)	6-8 (Themes)	9-12 (Themes)	9-12 (Themes)
Alt 4	Jr. High	Central Office	5-6	9-12	7-8
Alt 5	Themed Highs, 1 Middle	Central Office	6-8	9-12 (Themes)	9-12 (Themes)
Alt 6	1 High, 1 Middle	Central Office	-	9-12	6-8

ALTERNATIVE 6

Please rate each alternative (except the status quo) on a scale of 1 to 5, with 1 being most preferred.

Alternative		Dag	Moran	Lyman Hall	Sheehan
Alt 1	Status Quo	6-8	6-8	9-12	9-12
Alt 2	Renovated Highs	6-8	6-8	9-12	9-12
Alt 3	6-12 Pathways	6-8 (Themes)	6-8 (Themes)	9-12 (Themes)	9-12 (Themes)
Alt 4	Jr. High	Central Office	5-6	9-12	7-8
Alt 5	Themed Highs, 1 Middle	Central Office	6-8	9-12 (Themes)	9-12 (Themes)
Alt 6	1 High, 1 Middle	Central Office	-	9-12	6-8

Average Ranking of Alternatives

- 1 Is Most Preferred

0.00 ALTERNATIVE 3

0.00 ALTERNATIVE 2

0.00 ALTERNATIVE 4

0.00 ALTERNATIVE 6

0.00 ALTERNATIVE 5

Alternative		Dag	Moran	Lyman Hall	Sheehan
Alt 1	Status Quo	6-8	6-8	9-12	9-12
Alt 2	Renovated Highs	6-8	6-8	9-12	9-12
Alt 3	6-12 Pathways	6-8 (Themes)	6-8 (Themes)	9-12 (Themes)	9-12 (Themes)
Alt 4	Jr. High	Central Office	5-6	9-12	7-8
Alt 5	Themed Highs, 1 Middle	Central Office	6-8	9-12 (Themes)	9-12 (Themes)
Alt 6	1 High, 1 Middle	Central Office	-	9-12	6-8



Public Comment



Board Discussion