

OCTOBER 22, 2014

NEEDHAM FACILITIES MASTER PLAN STUDY



Municipal Resources, Inc.











AGENDA: BOARD OF SELECTMEN + All BOARDS MEETING

- Facilities Master Plan Work
 - Programming; Building and Site Assessments
 - Possible Sites: Review and Consideration
 - Option Development
- Development of Probable Costs
- Timelines
- Next Steps













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PROJECT SITES





5 PRIMARY CATEGORIES OF WORK

- Fire + Police: Public Safety Building (Police + Station #1); Fire Station #2
- DPW: 470 Dedham Ave Vehicle storage and Maintenance; 486 Dedham
 Ave. Former Water Pumping Station; Recycling and Transfer Station
- Schools + Administration: Hillside + Mitchell Elementary Schools;
 Pollard Middle School; Needham High School; Emery Grover Building;
 Daley Building; Nike Site
- Park + Recreation: Rosemary Pool and Building; Cricket Field Building;
 Community Center; Memorial Park Building
- Ridge Hill Buildings











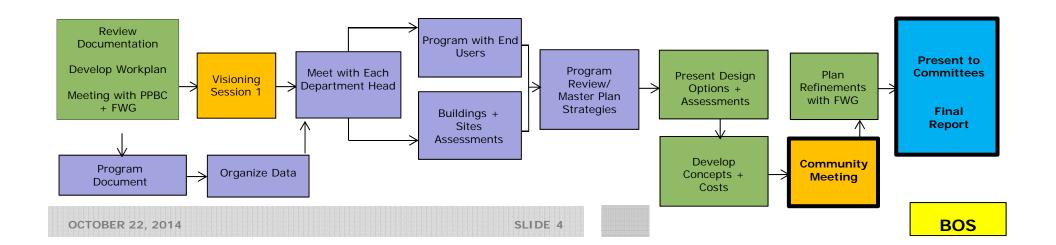


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FACILITIES MASTER PLAN: PROCESS

- Workplan + Visioning
- Programming, Site + Building Assessments + Master Plan Strategies
- Site and Criteria Matrix
- Option Development
- Development of Probable Costs
- Presentations to Boards + Community
- Final Report





ALTERNATIVE SITES FOR BUILDING PROJECTS: Look at the best way of using land resources regardless of Jurisdictional Control

- · Matrices: Overall Options, Detail Site, Evaluation Criteria
 - Which sites are reasonable to explore
 - What are the general characteristics of the sites
 - What are the final criteria for assessing each site
- How will Matrix influence or define Master Plan:
 - Evaluation Criteria suggests that multiple sites can meet needs; how does matrix help when recommending best possible site for each program
 - Do land swaps, "Trading" Jurisdictional Control provide benefits to Community
 - If re-organization occurs, how does it affect neighborhood schools, emergency response, conversion of a passive recreation site, historical use of property, neighborhoods in general, operations of department, reuse of property
 - Ideal operations: can needs be met on one site, in the best possible location, in order to meet the request of each department

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PRELIMINARY MATRIX OF SITES

								PR	OJECTS IN	MASTER F	PLAN							
			- 98									ب			+		nter	+ ~
DRAFT	Police + Fire #1	Fire Station #2	DPW: 470 - 486 - RTS - Various	Hillside Perm	Hillside Temp	Mitchell Perm	Mitchell Temp	Pollard Perm	Pollard Temp	6th Grade Center	High School	School Admin at Emergy Grover	Daley Building	Nike Site (New Program?)	Rose mary Pool + Building	Cricket Field Building	Community Center	Ridge Hill Bldgs + Site (New Program?)
Police + Fire #1 Site	•		1															+
Fire #2 Site		•																+
Lester Hollis Public Works 470 Dedham Ave. Site			•											?			-	
Former Water Pumping			•											?				
Station - 486 Dedham Site Public Service Admin Bldg.			•											?				
RTS - entire site Defazio Parking Lot				•														
Hillside Elementary Site				•														
Mitchell Elementary Site						•												1
Pollard Middle School								•										†
∰ High Rock School				R						•								
High Rock School High School											•							
Public Schools Admin - Emery Grover Building Daley Building Site												•		?				
Daley Building Site													•					$\overline{}$
Ridge Hill Buildings/Site																		•
Nike Site														•				
Rosemay Pool + Building Site														?	•			?
Cricket Field Building														,		•		
Claxton Field Site																		
Memorial Field Building																		
Greendale Ave Site																		
Additional land already acquired at PD/FD	•											-						
Harris, Great Plain Aves. Site																		
Town Hall												?						
Town Forest																		
Future Aquired Land/Other																		
•	Primary lo	ncation																
•		ocation - N	lo change															
R	Repurpos		. o change															
K			risioning se	ssion or th	rough prgr	amming co	onversatio	ns										
	Possible r				0													

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CRITERIA MATRIX

CATEGORY	Actual Value	Max Value	COMMENTS
1. LOCATION	0	20	
1.1 Geographic location		5	Central to mission; moderate changes to operations; requires change to existing operations
1.2 Neighborhood		5	Minimal impact on residential neighborhood and community; moderate impact; significant impact
1.3 Current Use		4	Continued use; compatible use; currently undeveloped and used by others (recreational use open space)
1.4 Zoning By-laws		-	, , , , , , , , , , , , , , , , , , ,
1.4 Zoning by-laws		3	Allowed - complies with use, dimensional requirements and performance standards; Use allowed with moderate approval; Use will be difficult or costly to win approval (due to constaints such as historic preservation)
1.5 Public Facade/Screening		3	No private owner abutters, nothing special required; Abutters with adequate area for screening; Abutters with inadequate area for screening
2. ACCESSIBILITY	0	10	
2.1 Site Access		5	Ease of access through existing entry points and roadways; some impact on entry or roadway; significant impact including limited emergency access
2.2 Traffic		5	No impact on traffic patterns; some impact; significant impact
3. SITE FEATURES	0	20	
3.1 Adequate site size		6	Optimum size - allows for expansion; good size but no expansion capability; undersized for full program
3.2 Existing Structures/Historic		4	
Preservation		7	Existing structures will not impede development; some impact on intended use; full impact
3.3 Operations - ease of use		4	Staff and Visitors use of site: Site easily split; site requires some overlap of uses; site uses overlap negatively
3.4 Flexibility/Circulation		6	Site can be reconfigured as needs change; site has limited reconfiguration options; site has no flexibility
4. ENVIRONMENTAL	0	15	8-7
4.1 Wetlands		4	No wetlands or all work will occur outside of ConCom jurisdiction; indirect impact (work in buffer zones); direct impact on existing wetlands, flood plains, endangered species
4.2 Stormwater Management		5	Reasonable cost for stormwater management; moderate costs; excessive costs
4.3 Conservation/DEP Permitting		4	No work within designated vernal pool and/or rare species habitat; normal permitting process; work within vernal pool and/or rare species habitat
4.4 Existing Tree Cover		2	No major reduction; minimum to moderate clearing; major clearing
5. SITE DEVELOPMENT	0	20	no major readetan, minimum to moderate dearing, major dearing
5.1 Utilities		4	Availability of gas, electricity, water, municipal sewage, storm drainage; some utilities need to brought on site; most utilities need to be brought on site
5.2 Topography		4	Slopes range: % to %: appropriate for buildings parking - full access; some revisions to meet needs; significant access issues
5.3 Soils		4	Adequate for bearing capacity; non-standard foundations required
5.4 Hazardous Materials		4	
5.5 Costs of Development			Free of known contaminants; testing required; site history of contaminants
	0	4	Reasonable costs for development; moderate costs; excessive costs (cut/fill, clearing, blasting, reno vs new)
6. AVAILABILITY 6.1 Jurisdictional Control	U	15	
		5	Jurisdictional control remains same; trade of use acceptable and benefits both; highest and best use displaces traditional use in a less positive manner; change of jurisdictional control or use requires state legislative or agency approval
6.2 Displacement Required		5	Cost of relocation minimal; moderate; excessive
6.3 Acquisition		5	Cost, availability, time schedule, eminent domain: Reasonable costs, available for sale at this time; Costs high but available to meet schedule; Cost high with eminent domain
TOTAL	0	100	
7. SPECIAL CONSIDERATIONS 7.1 Temporary buildings			
			Costs to temporarily house intended use minimal; moderate; excessive
7.2 Permanent changes to use 7.3 Temporary use of site			Change in use relatively simple; requires return to state for review, redistricting; loss of traditional use
, , , , , , , , ,			Additions benefit traditional use; additions reduce traditional use; temporary elimination of traditional use
7.4 Time Schedule			Impact of Delay

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DEVELOPMENT OF PROBABLE COSTS

Current Costs

- Costs are shown in 2014 dollars
 - Buildings: estimated on a square foot basis
 - Sites: estimated as a percentage of construction
 - Premium costs: items specified as unique to the site or program such as specialty materials, site improvements or allowances for masonry construction or green roofs
 - Total Project Cost: Construction + 25% Soft Costs + 10% Project Contingency

Escalated Costs

- Costs are projected for 10 years
- Costs projections are based on Total Project Costs
- Escalation: 6% first two years, 3.8% all remaining years

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BOS

PROBABLE COSTS - MATRIX OF SITES

			Current Costs (2014 dollars)				10 year escalated costs - (6% per year for 2015 & 2016, 3.8% avgerage per year 2017 - 2025										
Item#	Project	SF	Construction Cost	\$/SF	Total Project Cost Includes construction + 25% soft costs + 10% project contingency	\$/SF	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
SCHOOL	OPTIONS																
1	TEMPORARY SCHOOL AT DEFAZIO PARK (9-18-14 updated D&W costs)	56,296	\$12,766,598	\$227	\$17,234,908	\$306	\$18,269,002	\$19,365,142	\$20,101,017	\$20,864,856	\$21,657,721	\$22,480,714	\$23,334,981	\$24,221,710	\$25,142,135	\$26,097,536	\$27,089,242
2	HILLSIDE REBUILD (9-18-14 updated D&W costs)	80,650	\$30,370,400	\$377	\$43,687,000	\$542	\$46,308,220	\$49,086,713	\$50,952,008	\$52,888,184	\$54,897,935	\$56,984,057	\$59,149,451	\$61,397,130	\$63,730,221	\$66,151,969	\$68,665,744
3	PERMANENT SCHOOL AT DEFAZIO PARK (9-18-14 updated D&W costs)	83,200	\$31,301,000	\$376	\$48,003,000	\$577	\$50,883,180	\$53,936,171	\$55,985,745	\$58,113,203	\$60,321,505	\$62,613,722	\$64,993,043	\$67,462,779	\$70,026,365	\$72,687,367	\$75,449,487
4	HIGH ROCK RENOVATIONS	7,000	\$2,100,000	\$300	\$2,835,000	\$405	\$3,005,100	\$3,185,406	\$3,306,451	\$3,432,096	\$3,562,516	\$3,697,892	\$3,838,412	\$3,984,272	\$4,135,674	\$4,292,830	\$4,455,958
5	HIGH SCHOOL RENOVATIONS AND MODULARS (6-4-14 cost provided by town)	8,062	\$3,453,220	\$428	\$4,144,964	\$514	\$4,393,662	\$4,657,282	\$4,834,259	\$5,017,961	\$5,208,644	\$5,406,572	\$5,612,022	\$5,825,279	\$6,046,640	\$6,276,412	\$6,514,916
6	MITCHELL REBUILD (9-18-14 updated D&W costs)	82,227	530,244,640	\$368	543,550,000	\$530	546,163,000	548,932,780	\$50,792,226	\$52,722,331	\$54,725,780	\$56,805,360	964ء **	561,204,595	\$63,530,370	\$65,944,524	\$68,450,416
7	POLLARD ADDITION AND RENOVATIONS		\$21,650,570		\$29,228,270		\$30,981,966	\$32,840,884	\$34,088,838	\$35,384,214	\$36,728,814	\$38,124,509	19,573,240	\$41,077,023	\$42,637,950	\$44,258,192	\$45,940,003
8	SCHOOL ADMIN: RELOCATION TO PSAB (includes connector, water pump meeting room & site)	25,277	\$2,166,850	\$86	\$2,925,248	\$116	\$3,100,763	\$3,286,809	\$3,411,708	\$3,541,353	\$3,675,924	\$3,815,609	50,602	\$4,111,105	\$4,267,327	\$4,429,485	\$4,597,805
9	SCHOOL ADMIN: RELOCATION TO PSAB WITH ADDED PARKING (includes connector, water pump meeting room & site)	25,277	\$3,978,350	\$157	\$5,370,773	5212	\$5,693,019	\$6,034,600	\$6,263,915	\$6,501,944	\$6,749,018	\$7,005,481	57,2. '89	\$7,548,013	\$7,834,837	\$8,132,561	\$8,441,598
10	SCHOOL ADMIN: RENOVATION AT EMERY GROVER	21,235	\$7,920,000	\$373	\$10,692,000	\$504	\$11,333,520	\$12,013,531	\$12,470,045	\$12,943,907	\$13,435,775	\$13,946,334	514,476,	\$15,026,394	\$15,597,397	\$16,190,098	\$16,805,322
11	SCHOOL ADMIN: NEW AT NIKE SITE	20,000	\$7,680,000	5384	510,368,000	5518	\$10,990,080	\$11,649,485	\$12,092,165	\$12,551,667	513,028,630	513,523,718	514,037,619	\$14,571,049	515,124,749	515,699,489	\$16,296,070
12	SCHOOL ADMIN: NEW AT PD/FD OPTION 1	23,000	\$7,590,000	\$330	\$10,246,500	\$446	\$10,861,290	\$11,512,967	\$11,950,460	\$1- ,577	\$12,875,951	\$13,365,237	513,873,116	\$14,400,294	\$14,947,505	\$15,515,510	\$16,105,099
13	SCHOOL ADMIN: NEW AT PD/FD OPTION 2	20,800	56,864,000	5330	59,266,400	5446	59,822,384	510,411,727	510,807,373	11,218,053	511,644,339	512,086,824	\$12,546,123	513,022,876	\$13,517,745	514,031,419	\$14,564,613
DPW OF	TIONS																
14	DPW AT PARCEL 74 /GREENDALE AVE	92,442	\$30,591,734	\$331	\$41,298,841	\$447	\$43,776,771	\$46,403,377	\$48,166,705	SA 17,040	\$51,896,928	\$53,869,011	\$55,916,033	\$58,040,842	\$60,246,394	\$62,535,757	\$64,912,116
15	RTS RENOVATIONS - SITE IMPROVEMENTS	4,320	\$1,623,000	\$376	\$2,191,050	\$507	\$2,322,513	\$2,461,864	\$2,555,415	52,6. 71	\$2,753,317	\$2,857,943	\$2,966,545	\$3,079,274	\$3,196,286	\$3,317,745	\$3,443,819
16	DPW AT RTS OPTION 4	91,229	\$30,290,484	\$332	\$40,892,153	\$448	\$43,345,682	\$45,946,423	\$47,692,387	\$49,504 ₹	\$51,385,877	\$53,338,540	\$55,365,405	\$57,469,290	\$59,653,123	\$61,919,942	\$64,272,900
17	DPW TOWN FOREST OPTION	89,831	\$29,483,696	\$328	\$39,802,990	\$443	\$42,191,169	\$44,722,639	\$46,422,099	\$48,186,139	\$50,017,212	\$51,917,866	\$53,890,745	\$55,938,593	\$58,064,260	\$60,270,702	\$62,560,989
18	DPW REBUILD AT DEDHAM AVE - FULL PROGRAM	85,332	\$24,589,587	\$288	\$33,195,942	\$389	\$35,187 V.	\$37,298,961	\$38,716,322	\$40,187,542	\$41,714,669	\$43,299,826	\$44,945,219	\$46,653,137	\$48,425,956	\$50,266,142	\$52,176,255
19	DPW REBUILD AT DEDHAM AVE - PARTIAL PROGRAM	61,034	\$19,694,235	\$323	\$26,587,217	\$436	\$28,182 0	`19,873,397	\$31,008,586	\$32,186,912	\$33,410,015	\$34,679,596	\$35,997,421	\$37,365,323	\$38,785,205	\$40,259,043	\$41,788,887
POLICE	FIRE / SCHOOL ADMIN / PARKING OPTIONS																
20	POLICE / FIRE OPTION 1 (School Admin cost with item 12 above)	53,238	\$22,948,515	\$431	\$30,980,495	\$582	\$32,839,3	\$34,809,685	\$36,132,453	\$37,505,486	\$38,930,694	\$40,410,060	\$41,945,642	\$43,539,576	\$45,194,080	\$46,911,455	\$48,694,090
21	POLICE / FIRE OPTION 2 + PARKING STRUCTURE (School Admin cost with item 13 above)	50,875	\$30,501,278	\$600	\$41,176,725	\$809	\$43,647,32	\$46,266,169	\$48,024,283	\$49,849,206	\$51,743,476	\$53,709,728	\$55,750,698	\$57,869,225	\$60,068,256	\$62,350,850	\$64,720,182
22	POLICE / FIRE OPTION 3 STAND ALONE	51,604	\$22,277,490	\$432	^74,612	\$583	\$31,879,089	\$33,791,834	\$35,075,924	\$36,408,809	\$37,792,344	\$39,228,453	\$40,719,134	\$42,266,461	\$43,872,587	\$45,539,745	\$47,270,255
23	POLICE / FIRE OPTION 4 RENO AND ADDITION	46,844	\$14,457,078		\$19,5 055	\$417	\$20,688,078	\$21,929,363	\$22,762,679	\$23,627,661	\$24,525,512	\$25,457,481	\$26,424,865	\$27,429,010	\$28,471,312	\$29,553,222	\$30,676,244
24	FIRE STATION #2 ADDITION / RENOVATION		\$1,472,550		\$1.5 ,943		\$2,107,220	\$2,233,653	\$2,318,532	\$2,406,636	\$2,498,088	\$2,593,015	\$2,691,550	\$2,793,829	\$2,899,995	\$3,010,195	\$3,124,582
OTHER	PROJECTS																
25	ROSEMARY POOL (W&S costs)		\$6,382,775		\$8,778,869		\$9,305,601	\$9,863,937	\$10,238,767	510,627,840	\$11,031,698	\$11,450,903	\$11,886,037	\$12,337,706	\$12,806,539	\$13,293,187	\$13,798,328
26	CRICKET FIELD HOUSE RENOVATIONS (BH+A 2012 costs +12% excalation to 2104)		\$801,366		\$1,089,858		\$1,155,249	\$1,224,564	\$1,271,097	\$1,319,399	\$1,369,536	\$1,421,578	\$1,475,598	\$1,531,671	\$1,589,874	\$1,650,289	\$1,713,000
27	MEMORIAL PARK BUILDING RENOVATIONS	7,260	\$745,960	5103	s1,007,046	5139	\$1,067,469	\$1,131,517	\$1,174,515	\$1,219,147	\$1,265,475	\$1,313,563	\$1,363,478	\$1,415,290	\$1,469,071	\$1,524,896	\$1,582,842
28	MEMORIAL PARK BUILDING NEW	14,584	\$4,372,236	\$300	\$5,902,519	5405	56,256,670	56,632,070	\$6,884,089	57,145,684	57,417,220	57,699,074	57,991,639	\$8,295,321	\$8,610,543	\$8,937,744	59,277,378
29	COMMUNITY CENTER AT NIKE	62,000	\$21,419,250	\$345	\$28,915,988	\$466	\$30,650,947	\$32,490,004	\$33,724,624	\$35,006,160	\$36,336,394	\$37,717,177	\$39,150,430	\$40,638,146	\$42,182,396	\$43,785,327	\$45,449,165
30	COMMUNITY CENTER AT DEDHAM AVE	60,000	\$22,717,850	\$379	\$30,669,098	\$511	\$32,509,244	\$34,459,799	\$35,769,271	537,128,503	\$38,539,386	\$40,003,883	\$41,524,031	543,101,944	\$44,739,818	\$46,439,931	\$48,204,648
31	COMMUNITY CENTER AT PARCEL 74	12,000	\$21,879,000	5353	529,536,650	5476	531,308,849	\$33,187,380	534,448,500	535,757,543	537,116,330	538,526,751	539,990,768	\$41,510,417	\$43,087,813	\$44,725,150	\$46,424,700
32	ICE RINK AT 470 DEDHAM AVE	35,272	\$8,817,340	\$250	\$11,903,409	\$337	\$12,617,614	\$13,374,671	\$13,882,908	\$14,410,459	\$14,958,056	\$15,526,462	\$16,116,468	\$16,728,894	\$17,364,592	\$18,024,446	\$18,709,375
33	ICE RINK AT TOWN FOREST	36,839	\$9,758,860	\$265	\$13,174,461	\$358	\$13,964,929	\$14,802,825	\$15,365,332	\$15,949,215	\$16,555,285	517,184,386	\$17,837,393	\$18,515,214	\$19,218,792	\$19,949,106	\$20,707,177
34	RIDGE HILL	TBD	11/20000000	10000					4-100 TO THE TOTAL TO			of the second se	, Armenia de la Companya de la Compa	5000 CONT. (15)		- 1000000000000000000000000000000000000	- Checose 1102

OCTOBER 22, 2014 SLIDE 9 DRAFT



- Temporary spaces crucial to successful development of schools
- DeFazio Park is key location for new school or swing space
- Neighborhood schools are very important however, some options require redistricting and/or additional busing
- Preference is to re-build on existing sites issues that affect site selection include site size, topography, parking, access + wetlands
- Full day kindergarten at all elementary schools Educational Goal
- Other scenarios: construct new 6th Grade Center at DeFazio Park and convert High Rock 6th Grade Center back to an elementary school











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- Hillside and Mitchell Schools: Permanent versus temporary location
 - Impact on DeFazio Field and DPW of either all temporary or combination temporary + permanent construction
 - Site circulation issues DPW + school traffic
 - DPW materials lay down areas must be relocated
- Hillside School: Contaminated soils affects rebuilding project
- Pollard School: Addition/renovation
 - Science classrooms, auditorium and administrative offices
 - New permanent facilities: Replace modular with permanent building











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- High School
 - Designed for 1,450 students with ability to accommodate 1,600;
 now projected to exceed 1,700 for an extended period of time
 - Massachusetts School Building Authority dictated original program
 - Town student population has exceeded projections during past decade
 - Permanent Modulars/Pre-fab classrooms with expanded cafeteria are being considered











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- Emery Grover Building
 - Not accessible for staff or visitors
 - Undersized Meeting Rooms + Offices
 - Physical condition is poor
 - Historic Building
 - · Unusable attic
- Daley Building
 - Supports all Town Buildings not just school buildings
- Nike Site: too remote for school, alternate uses?











OCTOBER 22, 2014 SLIDE 13 BOS



TEMPORARY SCHOOL AT DEFAZIO PARK





PROBABLE COSTS: TEMPORARY SCHOOL AT DEFAZIO PARK: Estimate to

Mid-Point of Construction - 2017

Item #1	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	TEMPORARY SCHOOL AT DEFAZIO PARK	56,296	\$12,766,598	\$227	\$17,234,908	\$306

10 Year Escalated Costs

2015	2016	2017	2018	2019	20: 3	2021	2022	2023	2024	2025
\$18,269,002	\$19,365,142	\$20,101,017	\$20,864,8	\$2 <mark>1</mark> ,657,721	\$22,480,714	\$23,334,981	\$24,221,710	\$25,142,135	\$26,097,536	\$27,089,242

OCTOBER 22, 2014 SLIDE 15 DRAFT BOS



PROBABLE COSTS: HILLSIDE REBUILD: Estimate to Mid-Point of Construction - 2019

Item #2	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	HILLSIDE REBUILD	80,650	\$30,370,400	\$377	\$43,687,000	\$542

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$46,308,220	\$49,086,713	\$50,952,008	\$52, <mark>8,</mark> 38,184	\$54,897,935	\$56,984,057	\$59,149,451	\$61,397,130	\$63,730,221	\$66,151,969	\$68,665,744

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PERMANENT SCHOOL AT DEFAZIO PARK



D & W Prefeasibility Study 2012

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PROBABLE COSTS: PERMANENT SCHOOL AT DEFAZIO PARK: Estimate to

Mid-Point of Construction - 2018

Item #3	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	PERMANENT SCHOOL AT DEFAZIO PARK	83,200	\$31,301,000	\$376	\$48,003,000	\$577

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$50,883,180	\$53,936,171	\$55,985,745	\$58,113,203	60,321,505	\$62,613,722	\$64,993,043	\$67,462,779	\$70,026,365	\$72,687,367	\$75,449,487

OCTOBER 22, 2014 SLIDE 18 DRAFT BOS



PROBABLE COSTS: HIGH ROCK RENOVATION/ADDITION: *Project not necessary if a Permanent School is not constructed;* Estimate to Mid-Point of Construction – 2019

Item #4	Project	SF Estimated	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	RENOVATION/ADDITION AT HIGH ROCK SCHOOL	7,000	\$2,100,000	\$300	\$2,835,000	\$405

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$3,005,100	\$3,185,406	\$3,306,451	\$3,432,096	\$3,562,516	\$3,697,892	\$3,838,412	\$3,984,272	\$4,135,674	\$4,292,830	\$4,455,958

OCTOBER 22, 2014 SLIDE 19 DRAFT BOS



PROBABLE COSTS: HIGH SCHOOL RENOVATIONS + MODULARS: Estimate

to Mid-Point of Construction - 2016

Item #5	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	HIGH SCHOOL RENOVATIONS + MODULARS	8,062	\$3,453,220	\$428	\$4,144,964	\$514

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$4,393,662	\$4,657,282	\$4,834,259	\$5,017,961	\$5,208,644	\$5,406,572	\$5,612,022	\$5,825,279	\$6,046,640	\$6,276,412	\$6,514,916

OCTOBER 22, 2014 SLIDE 20 DRAFT BOS



PROBABLE COSTS: MITCHELL REBUILD: Estimate to Mid-Point of

Construction - 2021

Item #6	Project	SF Estimated	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	MITCHELL REBUILD	82,227	\$30,244,640	\$368	\$43,550,000	\$530

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$46,163,000	\$48,932,780	\$50,792,226	\$52,722,331	54,725,780	\$56,805,360	\$58,963,964	\$61,204,595	\$63,530,370	\$65,944,524	\$68,450,416

OCTOBER 22, 2014 DRAFT BOS



PROBABLE COSTS: POLLARD ADDITION + RENOVATIONS: Estimate to Mid-Point of Construction – 2024

Item #7	Project	SF Estimated	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	POLLARD ADDITION + RENOVATIONS		\$21,650,570		\$29,228,270	

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$30,981,966	\$32,840,884	\$34,088,838	\$35,384,214	.36,728,814	\$38,124,509	\$39,573,240	\$41,077,023	\$42,637,950	\$44,258,192	\$45,940,003

OCTOBER 22, 2014 SLIDE 22 DRAFT BOS

architects inc.

RELOCATION OF SCHOOL ADMINISTRATION TO PSAB; Renovation of PSAB, Pump Station Building + Additional Parking



OCTOBER 22, 2014 SLIDE 23 BOS



PROBABLE COSTS: RELOCATION OF SCHOOL ADMINISTRATION TO PSAB;

Renovation of PSAB, Pump Station Building + Additional Parking: Estimate to Mid-Point of Construction – 2018 or 2019

Item #9	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	PSAB + PUMP BLDG RENO + PARKING		\$3,794,850 <i>tota'</i>		\$5,123,048 <i>total</i>	
	LIGHT RENOVATIONS AT PSAB	21,777	\$1, <mark>533</mark> ,850	\$50	\$1,469,948	\$68
	PUMP STATION MEETING ROOM / CONNECTOR with SITE	3,500	\$1,078 <mark>,</mark> 100	\$308	\$1,455,300	\$416
	DEMOLISH DPW + SITE CLEANUP		\$1,057,500		\$1,427,625	
	ADDITIONAL PARKING		\$570,500		\$770,175	

10 Year Escalated Costs

2015	2016	2017	2018	. 119	2020	2021	2022	2023	2024	2025
\$5,430,431 total	\$5,756,257 total	\$5,97 <u>^</u> ^94 total	\$6,202,044 total	\$6,437,722 total	\$6,682,355 total	\$6,936,285 total	\$7,199,864 total	\$7,473,459 total	\$7,757,450 total	\$8,052,233 total
\$1,558,145	\$1,651,634	\$1,7 <mark>.4</mark> ,396	\$1,779,543	\$1,847,165	\$1,917,358	\$1,990,217	\$2,065,845	\$2,144,348	\$2,225,833	\$2,310,414
\$1,542, 1 8	\$.635,175	\$1,697,312	\$1,761,810	\$1,828,758	\$1,898,251	\$1,970,385	\$2,045,259	\$2,122,979	\$2,203,652	\$2,287,391
\$1,513,283	\$1,604,079	\$1,665,034	\$1,728,306	\$1,793,981	\$1,862,153	\$1,932,914	\$2,006,365	\$2,082,607	\$2,161,746	\$2,243,893
\$816,386	\$865,369	\$898,253	\$932,386	\$967,817	\$1,004,594	\$1,042,769	\$1,082,394	\$1,123,525	\$1,166,219	\$1,210,535

OCTOBER 22, 2014 DRAFT BOS



DEPARTMENT OF PUBLIC WORKS

- Current existing structures + outdoor sites
 - Hollis Building, Sheds + Cold Storage: 38,224 GSF
 - New vehicle storage building: 4,998 GSF
 - PSAB building = 21,777 GSF
 - Water Pumping Station = 2,400 GSF
 - Other Sites: DeFazio, Daley, Alden Road Pump Station, Charles River WTP, Reservoir B, St Mary's Pump Station, Cricket Field, Claxton Field, Memorial Field, Ridge Hill = +/- 47,434 GSF
 - Recycle and Transfer Station











OCTOBER 22, 2014 SLIDE 25 BOS



DEPARTMENT OF PUBLIC WORKS: OBSERVATIONS

- Operations and Administration are on same site but not together
- Existing DPW facility is undersized for the fleet + personnel
 - Building is not accessible; Stairs and egress paths must meet code
 - Building Systems neither current nor energy efficient
 - · Employee facilities lacking
 - Garage is 60' width vs 98', height should be minimally 17' clear of structure or systems, Hollis is 18' to top of building
 - Maintenance + Shops: Should have minimum 6-7 bays (current at 3), storage for fluids, tires and parts and supplies; shops per department











OCTOBER 22, 2014 SLIDE 26 BOS



DEPARTMENT OF PUBLIC WORKS: OBSERVATIONS

- Existing site: high water table, perennial stream / channel, DEP concerns
- Storage of vehicles, equipment + materials is located throughout Town
 - Some equipment + materials should remain dispersed at sites
- Materials handling areas at DPW site + RTS: storage of stock materials such as sand + gravel and areas to store materials removed during street sweeping, catch basin cleanout or asphalt repairs or from Town construction sites should be defined and controlled
- Areas of cold storage, sander bodies + spreaders, pipes + manhole covers etc. should be located to secure and maintain stock and to be nearby other equipment needed to complete a typical or emergency project











OCTOBER 22, 2014 SLIDE 27 BOS



DEPARTMENT OF PUBLIC WORKS: PROGRAMMING NEEDS

- Insufficient space to consolidate and build modern facility at Dedham Avenue
- Benefits to consolidation of personnel + equipment
- Vehicles stored indoors protect these valuable assets and help improve localized site conditions
- Total area required to store vehicles + equipment dependent on decision to build a consolidated facility versus a distributed one
- Program: Administrative and operations offices, operations area including employee support, garage/maintenance, shops, wash bay, fuel, vehicle staging and prep and building and site support







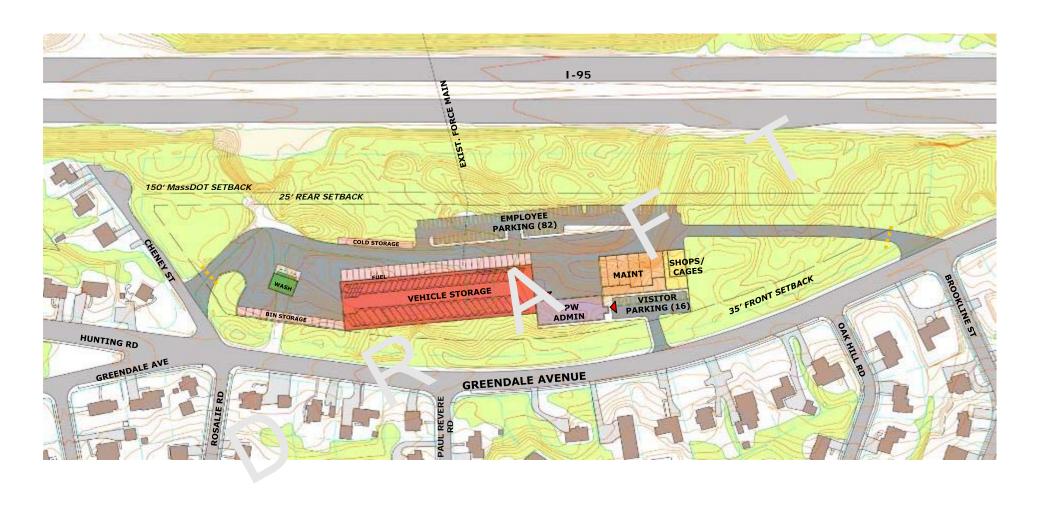




OCTOBER 22, 2014 SLIDE 28 BOS

and nitrodis inc.

DEPARTMENT OF PUBLIC WORKS AT PARCEL 74/GREENDALE AVE.





TOTAL DPW PARKING AS SHOWN: 98



PROBABLE COSTS: DEPARTMENT OF PUBLIC WORKS RELOCATES TO PARCEL 74/GREENDALE AVE.: Estimate to Mid-Point of Construction dependent on decision to build Temporary (2017) or Permanent (2018) School

Item #14	Project	SF Construction Cos YR 2014		\$ / SF	Total Project Cost YR 2014	\$ / SF
	DPW REBUILD AT PARCEL 74 / GREENDALE AVE	92,442	\$30,591,734	\$331	\$41,298,841	\$447

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	232	2022	2023	2024	2025
\$43,776,771	\$46,403,377	\$48,166,705	\$49,997,040	\$51,8°,92£	\$53,869,011	\$55,916,033	\$58,040,842	\$60,246,394	\$62,535,757	\$64,912,116

OCTOBER 22, 2014 SLIDE 30 DRAFT BOS



DEPARTMENT OF PUBLIC WORKS AT RTS - RENOVATIONS



OCTOBER 22, 2014 SLIDE 31

BOS



PROBABLE COSTS: RTS RENOVATIONS: Estimate in Year 2014

Item #15	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	RTS RENOVATIONS	4,320	\$1,623,000	\$376	\$2,191,050	\$507

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$2,322,513	\$2,461,864	\$2,555,415	\$2,652,521	\$2,753,317	\$2,857,943	\$2,966,545	\$3,079,274	\$3,196,286	\$3,317,745	\$3,443,819

OCTOBER 22, 2014 SLIDE 32 DRAFT BOS



POLICE AND FIRE DEPARTMENTS

Current Station #1: +/- 31,145 SF

• Police: +/- 13,095 SF

• Fire: +/- 11,634 SF

• Shared: +/- 6,416 SF

Current Station #2: +/- 9,630 SF

Programming Needs at Police + Fire Station #1: 43,966 SF

Shared spaces and building support: +/- 6,019 SF

• Police: +/- 21,609 SF

• Fire: +/- 16,339 SF













OCTOBER 22, 2014 SLIDE 33 BOS



POLICE AND FIRE DEPARTMENTS: OBSERVATIONS

- Current building is undersized for current vehicles and equipment
- Organization of spaces does not reflect police + fire operational needs
- Building is not accessible
- Shared resources: FD + PD dispatch, waiting area, conference and EOC are not well located
- No sallyport detainees are escorted across open parking lot; No holding area; Booking area too small and too much prisoner access to personnel and equipment; Evidence area lacking
- Support spaces for apparatus inadequate; height and width do not meet current standards











OCTOBER 22, 2014 SLIDE 34 BOS



POLICE AND FIRE DEPARTMENTS

- Site requirements
 - Visitor Parking: 24 hrs; prime 7am to 10pm
 - Personnel Parking: overlapping shifts for both departments
 - Dumpster
 - Impound area (currently in wash bay)
 - Emergency generator
- Movement of emergency vehicles: Fire and Police Vehicles must be able to move quickly and effortlessly from site











OCTOBER 22, 2014 SLIDE 35



POLICE AND FIRE DEPARTMENTS: PROGRAMMING NEEDS

- Program
 - Shared public areas
 - Police and Fire administrative offices
 - Operations Areas
 - Employee support
 - Detention
 - Garage/maintenance + Wash bay
 - Apparatus area
 - Site support





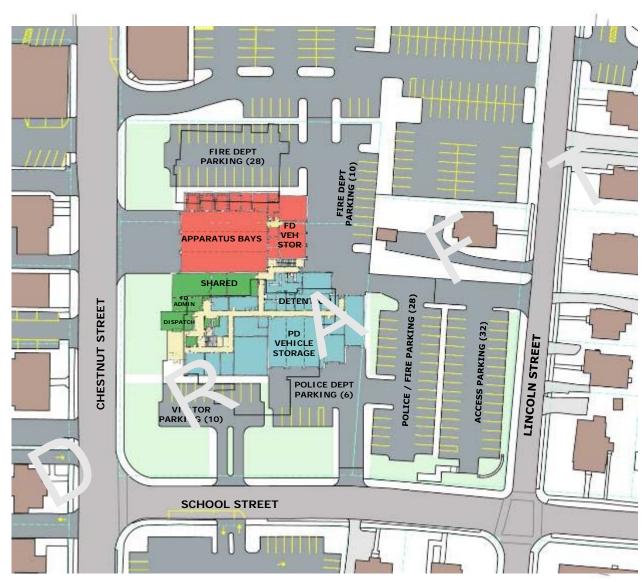






OCTOBER 22, 2014 SLIDE 36 BOS

NEW POLICE/FIRE: OPTION 3 – STAND ALONE



PARKING LOSS OF EXISTING PARKING ON LINCOLN ST: ACCESS PARKING (0)

LOSS OF EXISTING PARKING NORTH COMMERICAL BUILDING: (24)

TOTAL NET LOSS COMMERCIAL PARKING: (24)

PD/FD PARKING AS SHOWN: (82)



FD / PD PARKING: 82 ACCESS PARKING: 32 TOTAL PARKING (AS SHOWN): 114



PROBABLE COSTS: NEW POLICE/FIRE OPTION 3 - STAND ALONE:

Estimate to Mid-Point of Construction - 2019

Item #22	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	POLICE/FIRE SITE OPTION 3 – STAND ALONE	51,604	\$22,277,490	\$432	\$30,074,612	\$583

10 Year Escalated Costs

2015	2016	2017		2、18	2019	2020	2021	2022	2023	2024	2025
\$31,879,089	\$33,791,834	\$35,075,924	\$3	,408,809	\$37,792,344	\$39,228,453	\$40,719,134	\$42,266,461	\$43,872,587	\$45,539,745	\$47,270,255

OCTOBER 22, 2014 SLIDE 38 DRAFT BOS



PARKS AND RECREATION/CONSERVATION

- Parks + Rec and Conservation are largest controllers of land in town
- Current buildings primarily used during summer
- Many buildings include storage component used by DPW
- Ridge Hill site has restricted use
- Many community programming needs have been met in other buildings but there are some that remain. Some can be accommodated in:
 - School buildings
 - Public / Private developments











OCTOBER 22, 2014 SLIDE 39 BOS



PARKS AND RECREATION/CONSERVATION

- Conservation would like to improve degraded site conditions but recognize current uses
- How can work be accomplished on challenging sites like the existing DPW?
 - Preferable to do mitigation on previously disturbed areas
 - Allow water to move in a more natural manner
 - Provide improvements in another area of the site or on other sites
- Should wildlife, including the appearance of coyotes and an expanding bear population, reduce potential use of any site. What are reasonable mitigation measures?







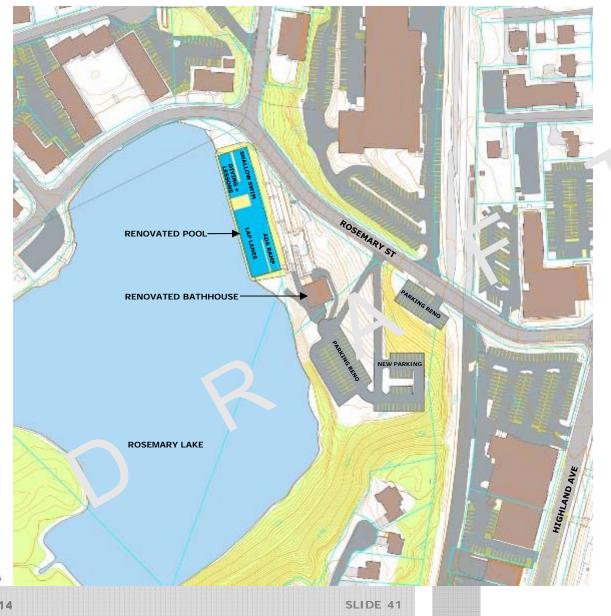




OCTOBER 22, 2014 SLIDE 40 BOS



ROSEMARY POOL – PROPOSED RENOVATION (OPTION 3B)



BOS

W & S Study 2013/2014

OCTOBER 22, 2014



PROBABLE COSTS: ROSEMARY POOL: Estimate to Mid-Point of Construction - 2018

Item #25	Project	SF	Construction Cost	\$ / SF	Total Project Cost YR 2014	\$ / SF
	ROSEMARY POOL		\$6,382,775		\$8,778,869	

10 Year Escalated Costs

2015	2016	2017	2018	1019	2020	2021	2022	2023	2024	2025
\$9,305,601	\$9,863,937	\$10,238,767	\$10,627,840	\$ 11,031,698	\$11,450,903	\$11,886,037	\$12,337,706	\$12,806,539	\$13,293,187	\$13,798,328

OCTOBER 22, 2014 SLIDE 42 DRAFT BOS



CRICKET FIELD- PROPOSED RENOVATION - 3 SEASON OPTION





OCTOBER 22, 2014



PROBABLE COSTS: CRICKET FIELD BUILDING: Estimate to Mid-Point of Construction - 2015

Item #26	Project	SF	Construction Cost	\$ / SF	Total Project Cost YR 2014	\$ / SF
	CRICKET FIELD BUILDING: 3 SEASON		\$700,566		\$945,764	

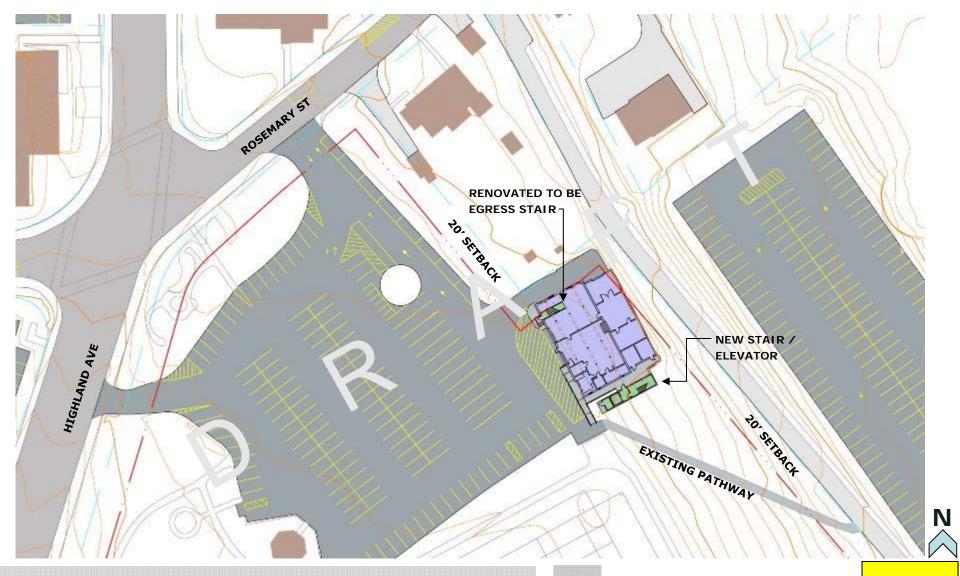
10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$1,002,510	\$1,062,660	\$1,103,042	\$1,144,957	\$1,188,465	\$1,233,627	\$1,280,505	\$1,329,164	\$1,379,672	\$1,432,100	\$1,486,520

OCTOBER 22, 2014 SLIDE 44 DRAFT BOS



RENOVATION OF MEMORIAL PARK BUILDING



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PROBABLE COSTS: RENOVATED BUILDING AT MEMORIAL PARK: Estimate in Year 2014

Item #27	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	MEMORIAL PARK BUILDING - RENOVATION	7,260	\$745,960	\$103	\$1,007,046	\$139

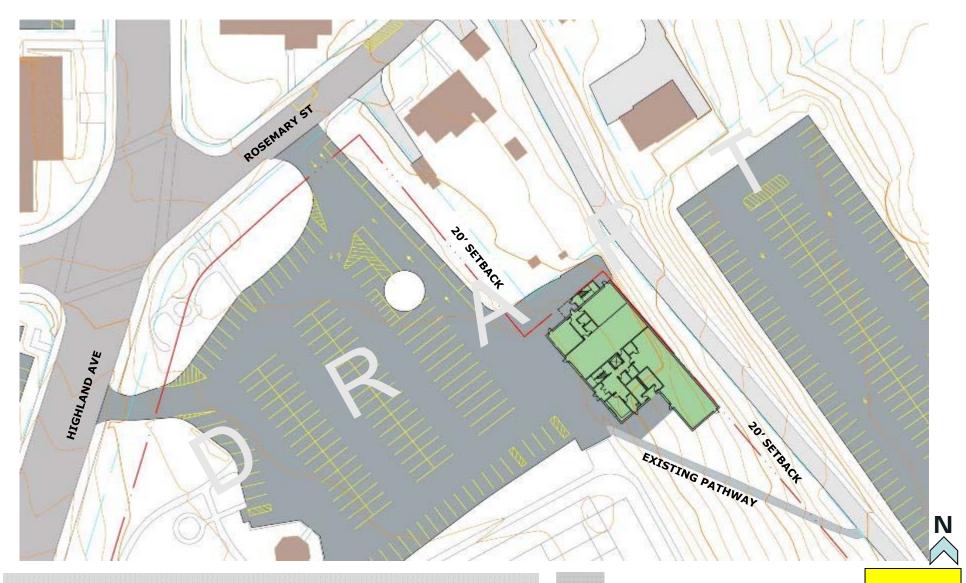
10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$1,067,469	\$1,131,517	\$1,174,515	\$1,219,147	\$1,265,475	\$1,313,563	\$1,363,478	\$1,415,290	\$1,469,071	\$1,524,896	\$1,582,842

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NEW BUILDING AT MEMORIAL PARK



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PROBABLE COSTS: NEW BUILDING AT MEMORIAL PARK: Estimate in Year 2014

Item #28	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	MEMORIAL PARK – NEW BUILDING	14,584	\$4,372,236	\$300	\$5,902,519	\$405

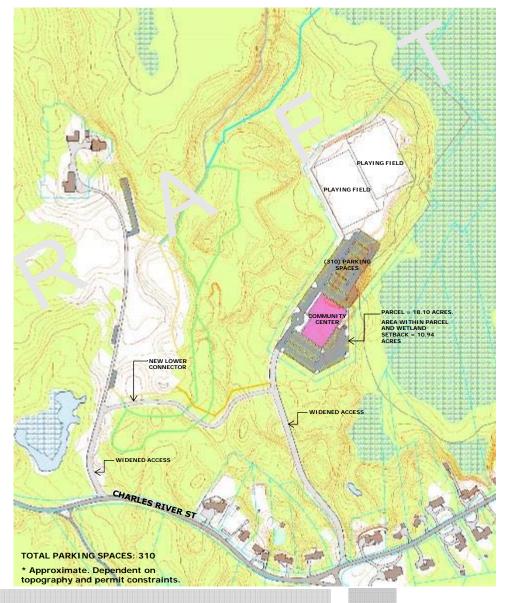
10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$6,256,670	\$6,632,070	\$6,884,089	\$7,145,684	\$7,417,220	\$7,699,074	\$7,991,639	\$8,295,321	\$8,610,543	\$8,937,744	\$9,277,378

DRAFT BOS OCTOBER 22, 2014 SLIDE 48



COMMUNITY CENTER AT NIKE SITE

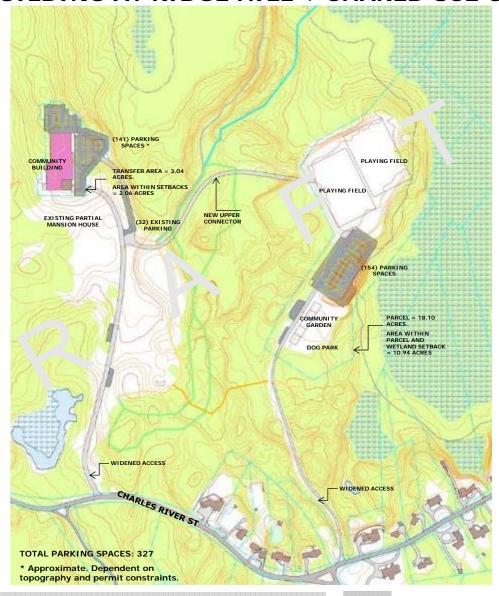


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COMMUNITY BUILDING AT RIDGE HILL + SHARED USE OF NIKE SITE



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PROBABLE COSTS: COMMUNITY CENTER AT NIKE SITE: Estimate in Year 2014

Item #29	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	COMMUNITY CENTER AT NIKE SITE	62,000	\$21,419,250	\$345	\$28,915,988	\$466

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$30,650,947	\$32,490,004	\$33,724,624	\$35,006,160	\$36,336,394	\$37,717,177	\$39,150,430	\$40,638,146	\$42,182,396	\$43,785,327	\$45,449,169

OCTOBER 22, 2014 SLIDE 51 DRAFT BOS



ICE RINK AT 470 DEDHAM AVE





PROBABLE COSTS: ICE RINK AT 470 DEDHAM AVE: Estimate in Year 2014

Item #32	Project	SF	Construction Cost YR 2014	\$ / SF	Total Project Cost YR 2014	\$ / SF
	DEDHAM AVE ICE RINK	35,272	\$8,817,340	\$250	\$11,903,409	\$337

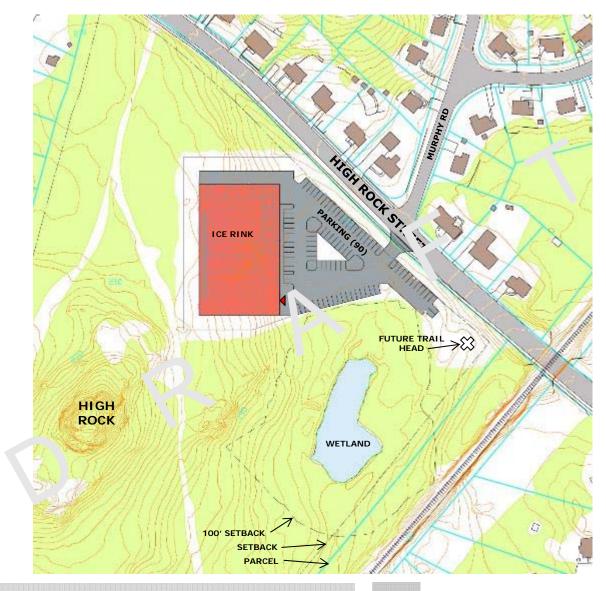
10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$12,617,614	\$13,374,671	\$13,882,908	\$14,410,459	14,958,056	\$15,526,462	\$16,116,468	\$16,728,894	\$17,364,592	\$18,024,446	\$18,709,375

DRAFT BOS OCTOBER 22, 2014 SLIDE 53



ICE RINK AT TOWN FOREST





BOS



PROBABLE COSTS: ICE RINK AT TOWN FOREST: Estimate in Year 2014

Item #33	Project	SF	SF Construction Cost YR 2014		Total Project Cost YR 2014	\$ / SF
	TOWN FOREST ICE RINK	36,839	\$9,758,860	\$265	\$13,174,461	\$358

10 Year Escalated Costs

2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
\$13,964,929	\$14,802,825	\$15,365,332	\$15,949,215	\$16,555,285	\$17,184,386	\$17,837,393	\$18,515,214	\$19,218,792	\$19,949,106	\$20,707,172

OCTOBER 22, 2014 SLIDE 55 DRAFT BOS



MASTER PLAN TIMELINE: EXPENDITURE FORECAST

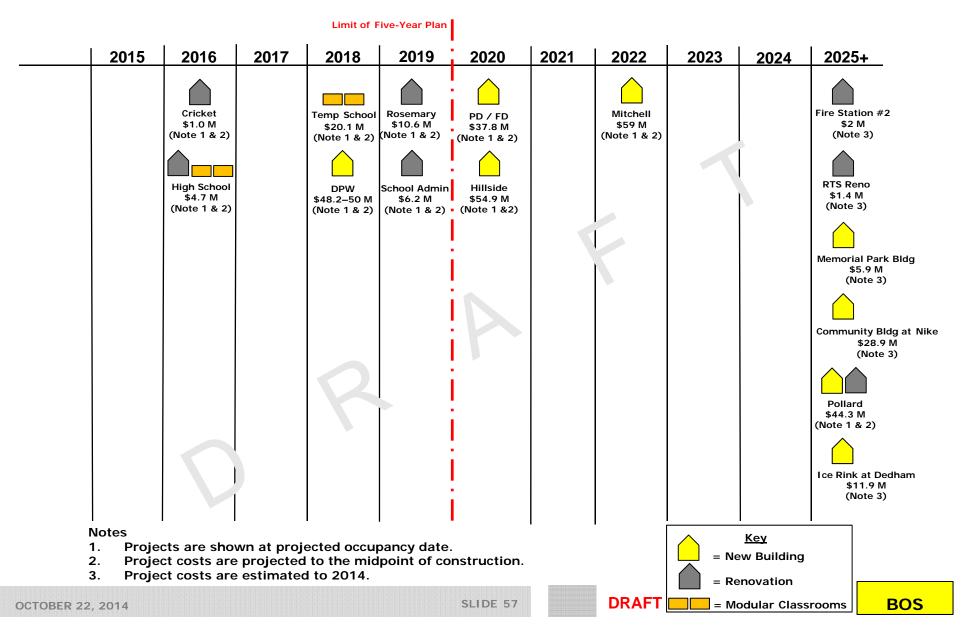
	Master Plan Timeline - DRAFT - October 22, 2014																		
Item#	Project	Projected Occupancy	Design to Occupancy Timeframe	Cost	20	15	20	16	2017	2018	2019	2020	2021	2022		2023	3	2024	2025 plus
1	Schools Scenario 1: Construction of Temporary School at DeFazio Park Temporary School at DeFazio Park	Fall 2018	3 yrs: 1 yr design, 2 yrs pre-fab + construct	\$20.1 M; Note 1															_
2	Hillside Rebuild/Temp Occupancy at DeFazio Park	Fall 2020	5 yrs: 2 yrs feasibilty, 1 yr design, 2 yrs construct	\$54.9 M; Note 1			-							+ + +	++	+			+-
	Schools Scenario 2: Construction of Permanent School at DeFazio Park	,					 	 	 	 	+ + + + +								
3	Permanent School at DeFazio Park	Fall 2019	5 yrs: 2 yrs feasibilty, 1.25 yr design, 2.25 yrs construct	\$58.1 M; Note 1															
4	High Rock Renovation into Elementary School: Note 4	Winter 2020	1.5 yrs: 11 mo design, 7 mo construct	\$3.6 M; Note 1															
	Other School Project Options																		
5	High School Renovation and Modulars	Fall 2016	1.5 yrs: 11 mo design, 7 mo construct	\$4.7 M; Note 1										+		-			_
6	Mitchell Rebuild/Temp Occupancy at DeFazio or Hillside	Fall 2022	5 yrs: 2 yrs feasibilty, 1 yr design, 2 yrs construct	\$59.0 M; Note 1										++				_	
7	Pollard Addition + Renovations/Temp Occupancy at DeFazio	Fall 2025	5 yrs: 2 yrs feasibilty, 1 yr design, 2 yrs construct	\$44.3 M; Note 1									<u>'</u>			_			
	Hillside or Temporaray Modular Classrooms as Swing Space	TBD Fall 2019 or	Plus 10 years of Design thru possible Occupancy	Note 7	\vdash	\vdash	\vdash		igwdapsilon										\Rightarrow
9	School Administration: Relocation to PSAB: Note 3	2020	2.5 yrs: 1 yr design, 1.5 yr construct	\$6.2 - \$6.4 M; Note 1			\vdash							+	\perp	\dashv	\perp	\perp	+
10	School Administration: Reno at Emery Grover	TBD	2.5 yrs: 1 yr design, 1.5 yr construct	\$10.7 M; Note 2															
11	School Administration: New at Nike	TBD	2.5 yrs: 1 yr design, 1.5 yr construct	\$10.4 M; Note 2															
12+13	School Administration: New at PD/FD	TBD	2.5 yrs: 1 yr design, 1.5 yr construct	\$9.3 - \$10.2 M; Note 2															
14	DPW Relocates to Parcel 74: Note 3	Summer 2018 or 2019	3.5 yrs: 2 yrs design, 1.5 yrs construction	\$48.2 - \$50.0 M; Note 1							\longrightarrow					Ш			
15	RTS Renovations	TBD	2.5 yrs: 1 yr design, 1.5 yr construct	\$2.2 M; Note 2															
16	DPW Relocates to RTS	TBD	3.5 yrs: 2 yrs design, 1.5 yrs construction	\$40.9 M; Note 2															
17	DPW Relocates to Town Forest	TBD	3.5 yrs: 2 yrs design, 1.5 yrs construction	\$39.8; Note 2															
18	DPW Rebuild at Dedham Ave Entire Program	TBD	3.5 yrs: 2 ysr design, 1.5 yrs construct	\$33.2 M; Note 2															ī
19	DPW Rebuild at Dedham Ave Partial Program: Note 6	TBD	3.5 yrs: 2 ysr design, 1.5 yrs construct	\$26.6 M; Note 2															
20	New Police/Fire Station Option 1; Site shared with School Admin	TBD	2.75 yrs: 1.25 yrs design, 1.5 yrs construct	\$41.2 M; Note 2 + 5	ĦŦ	5										T			Ť
21	New Police/Fire Station Option 2; Site shared with School Admin + Park Structure	TBD	2.75 yrs: 1.25 yrs design, 1.5 yrs construct	\$41.2 M; Note 2 + 5		_	1.5												
22	New Police/Fire Station Option 3 - Stand Alone	Fall 2020	2.75 yrs: 1.25 yrs design, 1.5 yrs construct	\$37.8 M; Note 1	Ī														Ť
23	Police/Fire Station Option 4 Reno + Addition	TBD	2.75 yrs: 1.25 yrs design, 1.5 yrs construct	\$19.5 M; Note 2															1
24	Fire Station #2	TBD	2 yrs: 1 yr dr ı yr const.	\$2.0 M; Note 2	ĦΠ														7
25	Rosemary Pool	Spring 2019	3.5 yrs: 1.5 yr s. 1 yr design, 1 nstruct	\$10.6 M; Note 1															7
26	Cricket Field House Renovations	Summer 2016	1 yr: .5 yr de .onstru.	\$1.0 M; Note 1											7				
27	Memorial Park Building: Renovation	TBD	2 yrs: 1 yr desig vr construct	\$1.0 M; Note 2															_
28	Memorial Park Building: New Building	TBD	2 yrs: 1 yr design, 1 \text{nstruct}	\$5.9 M; Note 2															7
	Potentail Public Private Opportunities																		
29	Community Center at Nike	TBD	2 yrs: 1 yr design, 1 yr construct	\$28.9 M; Note 2															
30	Community Center at Dedham Ave	TBD	2 yrs: 1 yr design, 1 yr construct	\$30.7 M; Note 2															
31	Community Center at Parcel 74	TBD	2 yrs: 1 yr design, 1 yr construct	\$29.5 M; Note 2															
32	Ice Rink at 470 Dedham Ave.	TBD	3.5 yrs: 1.5 yr design, 2 yr construct	\$11.9 M; Note 2															
33	Ice Rink at Town Forest	TBD	3.5 yrs: 1.5 yr design, 2 yr construct	\$13.2 M; Note 2															
	Ridge Hill	TBD	Ongoing maintenance funds required	TBD															\perp
	Nike	TBD	х	TBD															
	Note 1: Costs: Projected to mid-point of construction. Note 2: Costs: Shown as 2014 dollars. Note 3: If a permanent school is built at DeFazio Park, the relocation of the DPW could be extended until	W- 5-11-635-5				-(1000)													
	Note 4: High Rock renovations not necessary if Hillside rebuilt at DeFazio Park. Note 5: Costs: Shown for FD/PD only.			r school Administration follow	s relocation	of DPW.													
	Note 6: DPW Partial Program does not include development costs for remainder of program that would ne Note 7: Minor renovations required for temporary occupancy transitions	ed to be constrou	ted in another location.																

DRAFT OF EXPENDITURE FORECAST

BOS

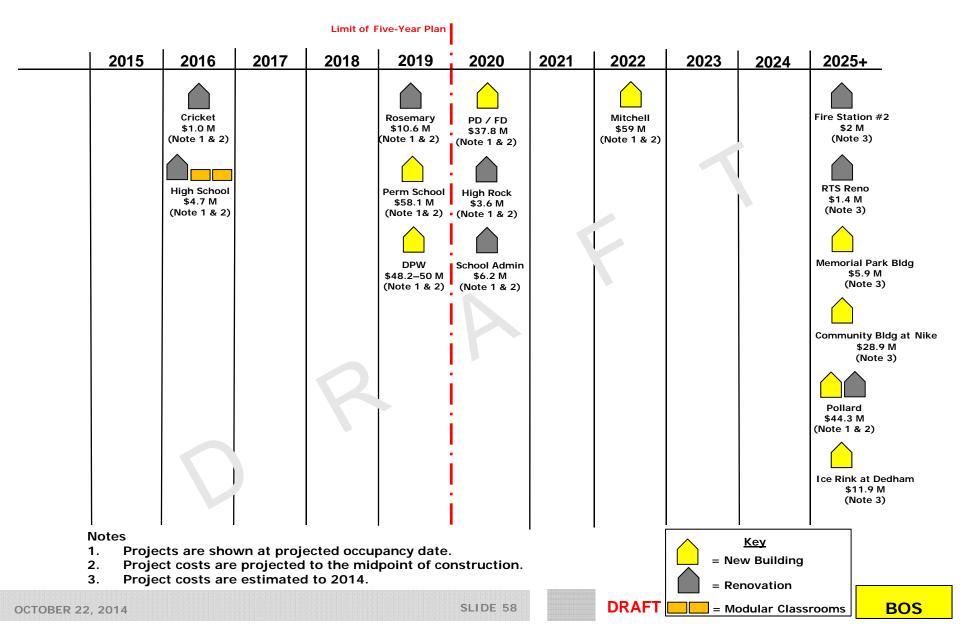


MASTERPLAN TIMELINE: SCENARIO 1 - Temporary School at DeFazio Park





MASTERPLAN TIMELINE: SCENARIO 2 - Permanent School at DeFazio Park





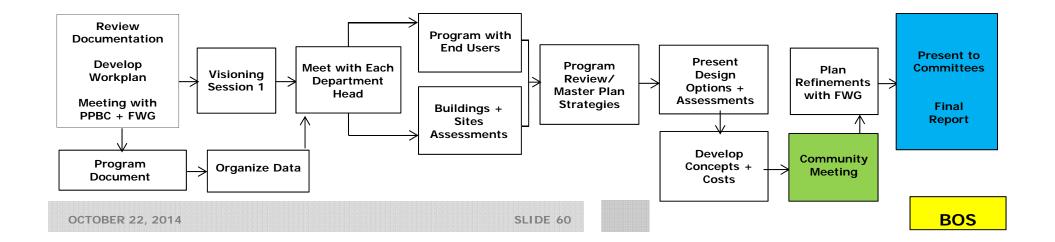
MASTERPLAN TIMELINE: INTERCONNECTIONS

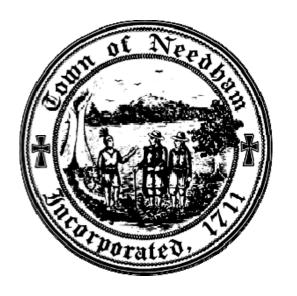
2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025+ **TEMP SCH** NEW SCH **HIGH SCH** OR MID MID OR 2018 2019 **PERM SCH HIGH ROCK PAR 74** 2018 or OR DPW 2019 **RTS** 2019 or SCH ADMIN **TO PSAB** Option 1 SCHOOL Option 2 POLICE AND MID Option 3 **FIRE STATION** 2020 Option 4 **END ROSEMARY POOL** MID CRICKET VARIOUS OTHER PROJECTS **DATES** MID MITCHELL SCHOOL MID **POLLARD SCHOOL** 2025 **DRAFT BOS** OCTOBER 22, 2014 SLIDE 59



NEXT STEPS

- Community/PPBC Meeting on November 24, 2014 at 7:00 PM
- Final Report





OCTOBER 22, 2014

THANK YOU