Carver Elementary School



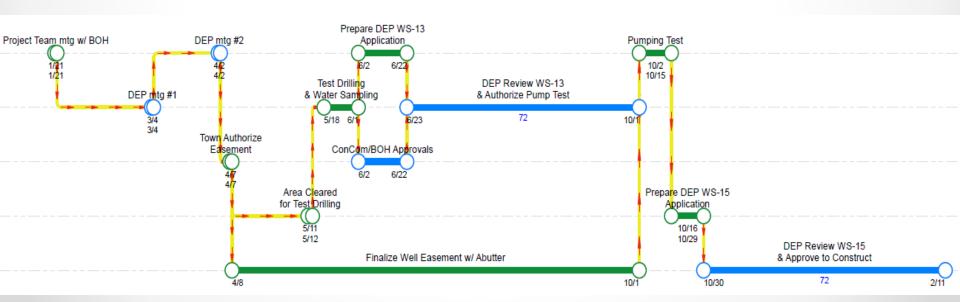
Carver School Building Committee Meeting May 18th, 2015





Well Update

- Two Weeks Ago JC Engineering Contract Amended
- Last Week Path Cleared for Drill Rig
- This Week Exploratory Drilling
- **DEP WS-13 Application** to Follow (Approval to Site and Conduct a Pumping Test for a Source less than 70GPM)



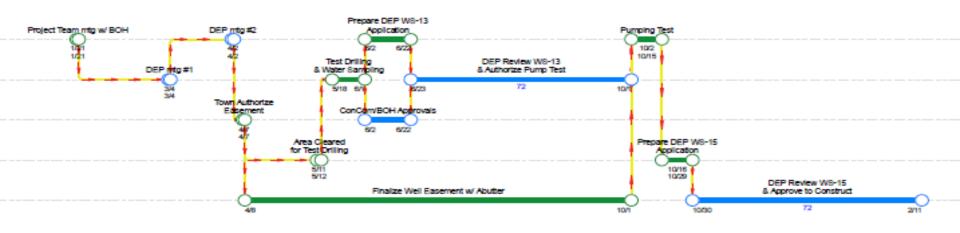
MSBA FAS Recap

- Educational Program
 - o Expand on Science, Social Studies, Writing and Arts Programs
 - Update as Necessary to Reflect Most Recent Layout
 - o Provide Detail Regarding Utilization of Multi-Purpose Room and Cafeteria
- Proposed Layout
 - Media Center Demonstrate How to Use as "Learning Commons"
 - Cafeteria / Multipurpose Room
 - o Further Develop "Pods" to Demonstrate Flexibility and Gathering Spaces
 - Special Consideration at Handicap Accessible Entrances
- Conceptual Design Detail
- Flexibility for Potential Enrollment Growth
- Pre-Kindergarten Space Needs

MSBA FAS Recap

- Schedule
 - o Provide Updated Schedule Detailing Permitting & Well Activities
- Environmental Concerns
 - o Provide a Workplan for Well Easement, Permitting & Installation

CARVER ELEMENTARY SCHOOL PROJECT NEW PUBLIC WATER SYSTEM WORKPLAN - EXISTING WELLS TO BE DECOMISSIONED FALL 2016 -



	.790	ew Source Approvat		Precorptive Approval	For	America Office	D	New South	се Арречум.		Precompton Approval	Fau	Antenny Office	
	WS13	Approval To Site Source Under	70 Code Min	N S	\$1,380	Region	WS15	Approv	al Of Pumping To	est Report And Approval To Construct	N	\$1,585	Region	
_	Timelow	Fee Reg-defined	Timeline Tasks	Angustred/Optional	Days Allowed		Zimelin	ne Type: E	ee Reg-defined	Threeling Excle	λεφωνικό Ορτοπο	I Days Allmon		
			AR ADMIN REVIEW	R.	34	_				AR ADMIN REVIEW	R	34	_	
			ARD ADMIN REVIEW DEFICIENCY		60					AND ADMIN REVIEW DEPICIENC	т о	60		
			AR2 ADMIN REVIEW 2	0	34					AR2 ADMINISEVEW 2	0	24		
			TR TECHNICAL REVIEW	R.	45					TR TECHNICAL REVIEW	R.	45		
			TRD TECH REVIEW DEPICTENCY	0	60					TRD TECH REVIEW DEFICIENCY		60		
-			TR2 TECH REVIEW 2	0	45					TR2 TECH REVIEW 2	0	42		

Schedule Update

- Updated to Reflect Progress to Date
- Added Well Permitting & Installation Activities
- Added Other Schematic Design / Design Development Phase Permits & Approvals

NO CHANGE TO PROJECT COMPLETION DATE!

Carver Elementary	y School Master Schedule	Carve		Master Schedu					18-May-15 11:48
Activity ID	Activity Name	Duration		Finish	SONDJFMAM	JASOND	JEMAMJJASOND	J F M A M J J A SION	D J F M AM J J A S
_	ary School Master Schedule		29-Sep-14 A						
	ct Contract (MSBA Module 2 "Forming the Team	. ,	29-Sep-14 A						!
OPM			06-Oct-14 A						
A1030	MSBA Approval of PMA as OPM	0		06-Oct-14 A	_ MSBAAppro		1	İ	İ
A1000	OPM Contract Negotation & Execution	_	06-Oct-14 A		OPM Contra	ct Negotation	& Execution		
Architect			29-Sep-14 A						
A1010	PMA Develop A/E RFS Draft		29-Sep-14 A		PMA Develo		:		!
A1020	Town Review / Comment on A/E RFS Draft	_	03-Oct-14 A		P		n A/E RFS Draft		
A1050	PMA Finalize A/E RFS Draft	_	06-Oct-14 A		PMA Finaliz			ļ	ļ
A1040	MSBA Review/Approve A/E RFS Draft	_	08-Oct-14 A		MSBA Revi		i		
A1090	A/E RFS Solicitation / Proposal Period		15-Oct-14 A		A/E RFS S			i	i
A1100	Town/PMA Review Submissions & Complete Che		30-Oct-14 A		1 ~ 1		nissions & Complete C	:	
A1240	DSP Review A/E Choices 2 wks Prior to Meeting		06-Nov-14 A				es 2 wks Prior to Meeti	ng	
A1110	MSBA Designer Selection Panel	0		25-Nov-14 A	MSBA De			!	!
A1270	MSBA Designer Selection Panel Interviews	0		09-Dec-14 A			tion Panel Interviews		
A1120	A/E Contract Negotiation		09-Dec-14 A		A/E Cor	tract Negotia	tion		i
	idy / Preferred Option for Schematic (MSBA Mod	aute of	05-Jan-15 A						
	Design Program (PDP)		05-Jan-15 A						
	nal Program & Space Summary		05-Jan-15 A		Ĺ			!	!
	Review/Revise Existing Ed Program		05-Jan-15 A		, , ,		ting Ed Program		
	Meetings with Staff and Teachers		05-Jan-15 A			•	and Teachers	İ	İ
A1300	Finalize Ed Program	_	19-Jan-15 A			ze Ed Progran			
A1310	Revise Space Summary		19-Jan-15 A			e Space Sun			
	SBC Approve Ed Program & Space Summary	-	04-Feb-15 A		ISBC	Approve Ed F	rogram & Space Sumr	nary	!
	onditions Evaluation		05-Jan-15 A		Ĺ				
A1340	Review Code/Structural Requirements		05-Jan-15 A				ural Requirements	İ	İ
A1350	Review Haz Mat Analysis		05-Jan-15 A			v Haz Mat An			
A1360	Review Phase 1 Site Investigations		05-Jan-15 A				e Investigations		
A1370	Review Geotechnical Investigations		05-Jan-15 A		. ! !		al Investigations		
A1330	Review/Update Existing Conditions Drawings		05-Jan-15 A				sting Conditions Drawi		
A1380	Review/Update Topographic Site Surveys		05-Jan-15 A		Revie	w/Update Top	ographic Site Surveys		İ
	opment Requirements		05-Jan-15 A						
A1390	Review Zoning		05-Jan-15 A			w Zoning			
A1400	Site Program Development		05-Jan-15 A			rogram Devel	•		
A1410	Geo - Environmental Analysis		05-Jan-15 A			Environmenta			
A1420	Wetlands/Conservation Requirements		05-Jan-15 A				tion Requirements	ļ	ļ
A1430	Orientation/Parking/Traffic Analysis		05-Jan-15 A		Orien	tation/Parking	/Traffic Analysis		
_	y Evaluation of Alternatives		05-Jan-15 A		Ĺ			i	i
A1450	Identify Preliminary Sites Locations		05-Jan-15 A		1 7 1	•	Sites Locations		
A1470	Analysis of Sites for Feasibility	_	05-Jan-15 A			is of Sites for			
A1460	SBC Approve Site Selections & Alternatives	-	12-Jan-15 A				elections & Alternative	5	
A1500	Cost Evaluation of Alternatives	_	05-Jan-15 A		16	valuation of A			
A1480	Preliminary Plan and Site Diagrams	5	13-Jan-15 A	19-Jan-15 A	L∔L Prelim	inary Plan an	d Site Diagrams	i	i

		School Master Schedule			Master Schedu					8-May-15 11:48
ctivity ID		Activity Name	Original Duration	Start	Finish	SONDJEMA	MJJASON	DJFMAMJJASOND	J F M A M J J A S O N D	JFMAMJJAS
	A1440	Review/Update Potential Alternatives	22	05-Jan-15 A	04-Feb-15 A	Rev	iew/Update P	otential Altematives		
	A1490	SBC Approve Planning Diagrams	1	04-Feb-15 A	04-Feb-15 A	L si	BC Approve F	lanning Diagrams	ļ	ļ
	PDP Repo	ort	24	22-Jan-15 A	16-Mar-15 A	1 [
	A1510	Compile PDP Report	10	22-Jan-15 A	06-Feb-15 A	⊸Con	npile PDP Re	port	İ	i
	A1520	Local Actions and Approval Certification for PDP	0		06-Feb-15 A	⇒ Loc	al Actions and	Approval Certification	for PDP	
	A1525	Submit PDP Report to MSBA	3	06-Feb-15 A	10-Feb-15 A	⊸ Sut	mit PDP Rep	ort to MSBA		
	A1530	MSBA Review Period	10	11-Feb-15 A	16-Mar-15 A	→ M	SBA Review	Period	!	!
	Preferred Sc	hematic Report	97	20-Jan-15 A	03-Jun-15					
	PSR Subn		97	20-Jan-15 A	03-Jun-15	l		İ	İ	İ
	A1710	Town Approval of Funding for SD	1	20-Jan-15 A	20-Jan-15 A	Town	Approval of F	unding for SD		
	A1560	Meeting with MSBA	1	18-Feb-15 A	18-Feb-15 A	1 11-22	eting with MS	1		
	A1590	Preliminary Development of 3 Options	5	13-Feb-15 A	24-Feb-15 A	Pre Pre	eliminary Dev	elopment of 3 Options		!
	A1580	Update Existing Conditions Evaluation	10	06-Feb-15 A	24-Feb-15 A	Up	date Existing	Conditions Evaluation		
	A1600	SBC Preliminary Options Feedback	1	24-Feb-15 A	24-Feb-15 A	il y se	C Preliminary	Options Feedback	İ	i
	A1540	Green Design Charrette Meeting	1	06-Mar-15 A	06-Mar-15 A	l⊾ Gı	een Design C	harrette Meeting		
	A1610	Further Development of 3 Options	5	24-Feb-15 A	09-Mar-15 A	HP_Fi	ther Develop	Charrette Meeting		
	A1550	Identify High Performance Objectives	1	10-Mar-15 A	10-Mar-15 A		entify High Pe	erformance Objectives		
	A1670	Cost Estimate/Budget/Schedule	11	23-Feb-15 A	23-Mar-15 A	│ ┃ ┌─₽ ○	ost Estimate/	Budget/Schedule		
	A1620	SBC Selection of Preferred Options	1	10-Mar-15 A	23-Mar-15 A	│ <u>∭</u> ॢ⊌ऽ	BC Selection	of Preferred Options	İ	į
	A1570	Update Design Program	10	06-Feb-15 A	27-Mar-15 A		Jodate Desigr	Program		
	A1630	Development of Preferred Option	10	10-Mar-15 A	08-Apr-15 A			of Preferred Option	İ	i
	A1640	Conceptual Building/Site Plans	15	25-Feb-15 A	08-Apr-15 A	🗼	Conceptual B	uilding/Site Plans		
	A1650	Preliminary Building Massing Studies	10	18-Mar-15 A	08-Apr-15 A		Preliminary B	ulding Massing Studies	s	
	A1660	SBC Approve Preferred Option	1	09-Apr-15 A	09-Apr-15 A	1 ! 🗐	SBC Approve	Preferred Option	!	ļ
	A1680	SBC Approve Cost & Schedule	1	09-Apr-15 A	09-Apr-15 A	 	SBC Approve	Cost & Schedule		
	A1700	Local Actions and Approval Certification for PSR	1	09-Apr-15 A	09-Apr-15 A			and Approval Certificat		i
	A1690	Development of Preferred Schematic Report (PSR)	5	02-Apr-15 A	15-Apr-15 A		Development	of Preferred Schematic	Report (PSR)	
	A1705	Compile & Submit PSR	3	13-Apr-15 A	16-Apr-15 A	🔄	Compile & Si			
	A1740	Facilities Assessment Subcommittee (4/29 or 5/13)	1	18-May-15*	18-May-15	1 ! [Facilities A	ssessment Subcommitte	ee (4/29 or 5/13)	!
		MSBA Review Period		16-Apr-15 A	03-Jun-15		MSBA Re			
	A1730	MSBA Approval to Proceed to Schematic (6/3/15 Board Targe	et) 1	03-Jun-15	03-Jun-15*	1 i	MSBA App	proval to Proceed to Sch	ematic (6/3/15 Board	arget)
S	Schematic De	sign (MSBA Module 4)	226	21-Jan-15 A	02-Dec-15					
	A1750	Schematic Design	80	04-Jun-15	23-Sep-15	1		nematic Design		
	A1760	Submit SD for 11/18 MSBA Board Meeting	3	24-Sep-15	28-Sep-15] !		bmit SD for 11/18 MSB/		!
	A1766	Facilities Assessment Subcommittee (Possibly N/A)	1	15-Oct-15*	15-Oct-15	1	Fi	acilities Assessment Su	bcommittee (Possibly I	I/A)
		MSBA Review Period		29-Sep-15	16-Nov-15	1 1		MSBA Review Period		
	A1770	MSBA Approval of Schematic & Project Scope Budget Agree	ment 1	18-Nov-15*	18-Nov-15	1		MSBA Approval of Scho	matic & Project Scope	BudgetAgreem
	A1780	Town Vote	10	19-Nov-15	02-Dec-15]	<u> </u>	Town Vote	i	i
	Schematic P	Phase Permitting	207	21-Jan-15 A	05-Nov-15				!	
	A2120	Submit Project Notification Form (PNF)	5	04-Jun-15	10-Jun-15			oject Notification Form	(PNF)	
	A2130	MHC Review Period	20	11-Jun-15	08-Jul-15	1 İ	-□ MHC Re	1 i	1	
	A2140	Conservation Commission Abbreviated Notice of Resource A	rea [25	04-Jun-15	08-Jul-15] [ration Commission Abb		
	A2150	Conservation Commission Request for Determination fo App	licab 25	04-Jun-15	08-Jul-15	1	Consen	ation Commission Req	uest for Determination	to Applicability (F

Pu	u <mark>blic Wa</mark> A1960	Activity Name DESE Special Education Program Review	Original Duration	Start	Finish	SONDJF	MAM	JJASC	ND.	JFMA	MJJASON	DJFMAMJJASONI	DJFMAMJJA8
Pu	u <mark>blic Wa</mark> A1960			ı	1								
1	A1960			13-Aug-15	23-Sep-15				DESI	Spec	ial Education	Program Review	
7		ter System Permitting		21-Jan-15 A					!				!
7	A1970	Town Department Meeting, Initial Well Discussion w/ BOH &		21-Jan-15 A] կ			1 1			scussion w/ BOH & Co	nCom
		DEP Meeting #1 - Outline Objectives, Obtain Feedback	1	04-Mar-15 A	04-Mar-15 A	"			-			Obtain Feedback	İ
		DEP Meeting #2 - Review Refined Proposal, Obtain Feedback		02-Apr-15 A					1 - 1			roposal, Obtain Feedb	ack
	A1990	Town Votes to Authorize Well Easement		07-Apr-15 A			╚┪Ţ		1		e Well Easen	1	
1		Area Cleared for Exploratory Drilling	1	11-May-15 A	11-May-15 A		- '		1 :	1	loratory Drilli	ng	!
1		Test Drilling & Water Sampling		18-May-15	01-Jun-15				9		r Sampling		
		Pepare DEP WS-13 Application (Approval to Site Source Un		02-Jun-15	22-Jun-15] !				i		Approval to Site Sou	ree Under 70GPN
	A2040	Obtain Local Approvals (ConCom / BOH)		02-Jun-15	22-Jun-15		"				ovals (ConCo		
	A2000	Town Executes Well Easement with Abutter		18-May-15	04-Sep-15		-		1 1			nent with Abutter	İ
1		DEP Review WS-13 & Authorize Pump Test		23-Jun-15	01-Oct-15			- -				uthorize Pump Test	
		Perform 12 Hour Pump Test, Collect Samples		02-Oct-15	15-Oct-15			•				Test, Collect Samples	
		Prepare DEP WS-15 Application (Approval to Construct)		16-Oct-15	29-Oct-15	!		7				oplication (Approval to	Qonstruct)
		DEP Review WS-15 & Approve to Construct		30-Oct-15	05-Nov-15			Ť	DE	PRev	ew WS-15 &	Approve to Construct	
	n Develo	•		03-Dec-15	04-May-16				1 🕹			i	İ
A179		Design Development		03-Dec-15	30-Mar-16				-		esign Devel	"	
A188		MSBA Design Development Review Period		31-Mar-16	20-Apr-16							n Development Review	!
A189		District DD Review Response & Drawing Revisions		21-Apr-16	04-May-16	!			!	-	District DD	Review Response & Di	rawing Revisions
		ermitting		03-Dec-15	30-Mar-16						- NE BURB		
-		LEED or NE-CHPS Registration		03-Dec-15	09-Dec-15	i i					r NE-CHPS I	Registration Site Plan Review	İ
		Planning Board Site Plan Review		28-Jan-16	03-Feb-16				ľ		_	i	
	2180	MDOT Curb Cut Permitting		24-Mar-16	30-Mar-16				ı	100	ADOI CUITO C	ut Permitting	
		Documents		31-Mar-16	28-Sep-16				- !	1_			!
A192		60% Construction Documents		31-Mar-16	29-Jun-16					-	_ ' '	nstruction Documents	
A191		MSBA 60% CD Review Period		30-Jun-16	20-Jul-16	į į			į			60% CD Review Period	
A190		District 60% CD Review Response & Drawing Revisions		21-Jul-16	27-Jul-16	-						t 60% CD Review Resp	
A180		90% CDs and 100% Early Site, Site Utilities, Foundation Bid		28-Jul-16	10-Aug-16	- i			i			CDs and 100% Early Si 8A 90% CD Review Per	
A194		MSBA 90% CD Review Period		11-Aug-16	31-Aug-16	-							
A198		District 90% CD Review Response & Drawing Revisions		01-Sep-16	07-Sep-16							rict 90% CD Review Re	
A181		100% Construction Documents (Bid Package)		08-Sep-16	28-Sep-16				ļ		(- 10	0% Construction Docur	ments (Bid Packa
A182	rement	Early Bid Package (Optional)		14-Jul-16 14-Jul-16	26-Oct-16 07-Sep-16							y Bid Package (Option:	
A183		Bidding - Main Package (100% CDs)		01-Sep-16	26-Oct-16	- i			i			y Bid Package (Option) Bidding - Main Package	
	truction	Bloding - Main Package (100% CDS)		01-Sep-10 06-Nov-15	27-Aug-18							ing - Main Fackage	(100 % CDS)
A193		Drill. Tie-In & Commission New Wells		06-Nov-15	03-Dec-15			L,	- h	rill Tie	-In & Commis	sdion New Wells	
A200		De-Comission Existing Wells		04-Dec-15	10-Dec-15	- !					nission Existi		!
A184		Phase 1 - Site Prep, Utilities & Foundation (Optional Early Pa		08-Sep-16	30-Nov-16	-			1	20.000		Phase 1 - Site Prep, U	Hilitias & Foundat
A185		Phase 2	-	27-Oct-16	06-Jun-18				ĺ			mase 1 - Site Frep, C	Phas
A210		Project Substantially Complete	720		06-Jun-18	1					-		. Proje
A186		Commissioning, FF&E, IT, Move	_	07-Jun-18	15-Aug-18	1			i			1	
A211		Project Final Completion	0		15-Aug-18	-			!				-
A187		Target Occupancy	0		27-Aug-18*	1							ļ.,
Alo		ranger occupancy			21-Aug-10	1 1			i			1	

Workplan Review

Carver Elementary School FS Phase Work Plan: 4/16 Submission	1			20:	L5																			
HMFH Architects 2/23/15	120 60	2 0	Dec	Jar			_	Feb			Marc	h			Apri	il		May	********		J	une		
SBC Meetings	Complete	Duration			•	•	•			•		•										_	+	+
Regulatory Agency Meetings				-	•	•	•	•	•				-		-	-				-	-		+	+
Preliminary Design Program (PDP)	2/5/15	5 weeks	+	_		_						=	\pm	_	1		=		=	\rightarrow	\Rightarrow	+	_	+
Educational Program	2/3/13	J WEEKS	\rightarrow	_	-		-			+	-	_	$\overline{}$	_	┿		-		_	_	-	-	+	+
Review/Revise Existing Ed Program										+		_	$\overline{}$	_	1					_	-	_	+	+
Meetings with Staff and Teachers (as needed)					_		-			+	-	_	+	_	1					-	-	-	+	+
Finalize Ed Program			\rightarrow	_			- 1	-		+	1	$\overline{}$	+	_	1		-		$\overline{}$	_	-	-	+	+
Revise Space Summary										+			-	-	1						1		_	+
SBC Approve Ed Program & Space Summary					*					-	-	\rightarrow	\pm		1					\rightarrow	-	\pm	+	+
Evaluation of Existing Conditions					-					-		_	-	_	t					-	Ť	-	+	+
Site Development Requirements Review										1			_	_	1					_	1		_	+
Meeting w/ Town Departments	1/21/15			-		*	-			+				_	\vdash					_	-		_	+
Preliminary Evaluation of Alternatives	_,,		\vdash	-		-				— i		\rightarrow	-		1					-	- i		+	+
Review/Update Potential Alternatives			\vdash	-							+	-	-	+	1					-	-		+	+
Identify Preliminary Sites Locations				-											1						- 1			+
SBC Approve Site Selections & Alternatives				-		*		\neg		+-1		$\overline{}$	-	_	1		-		\neg	\neg	-	-	+	+
Analysis of Sites for Feasibility						^						\rightarrow	\pm		1					-	-	\pm	+	+
Preliminary Plan and Site Diagrams												\rightarrow	\pm	_					\neg	-	- 1	\pm	+	+
SBC Approve Planning Diagrams				-			A			+-1		\rightarrow	+	_	+					_	_	-	+	+
Cost Evaluation of Alternatives				-			0					-	\pm		1				\neg	-		-	+	+
Compile PDP Report				-	1	7						\neg	-		1					\neg		\top	+	+
SBC Approve Cost & PDP Submission				-				*		1		_	\neg		1					-	1		\top	+
MSBA Review Period													\top							\neg			\top	+
Preferred Schematic Report	4/16/15	10 weeks		\neg			i														i			+
Meeting with MSBA	2/12/15			$\neg \vdash$			ì														1			\top
Update Design Program							ì																	\top
Update Existing Conditions Evaluation																								
Preliminary Development of Options				\neg											1									\top
SBC Preliminary Options Feedback										*														
Further development of options				\neg																			\top	
Team Respond to MSBA PDP Review Comments																								
Meeting w/ DEP re Wells	tbd						ı																	
Additional Wells Investigations (as needed)																								
Green Charrette	3/6/15						ı																	
SBC Further Options Feedback							Ĭ				-	*												
SBC Approval of High Performance Objectives											-	A												
Development of Preferred Option																								
Conceptual Site Plans																								
Preliminary Building Massing Studies																								
SBC Finalize Selection of Preferred Option							Ĭ						7	-										
Cost Estimate/Budget/Schedule																								
SBC Approve Costs & Schedule															*									
Development of Preferred Schematic Report																								
SBC Approve PSR Submission																*								
Submit PSR to MSBA	4/16/15																							
Town Approval of Funding for SD																*								
The state of the s																								
MSBA Review Period											- 1													1

Next Steps:

- 3/10/15 SBC Meeting SBC Selection of Preferred Schematic Option
- 3/25/15 SBC Approve Preferred Option
- 4/1/15 Preferred Option Estimate to MSBA
- 4/13/15 SBC Approve Preferred Schematic Report for Submission to MSBA
- 5/13/15 Facilities Assessment Subcommittee
- 6/3/15 MSBA Board Approval to Proceed into Schematic Design (Conditional Approval*)
- 6/30/15 FAS PSR Supplemental Info Due*
- 9/28/15 Schematic Design Submittal to MSBA
- 11/18/15 MSBA Board Approval of Schematic Design
- 12/2/15 Carver Town Meeting/Vote on Project Funding

Discussion / Questions?

Carver School Building Committee Meeting May 18th, 2015



