

BUILDING ASSESSMENT											VISIONING								TEN YEAR PLAN TOTAL	
No.	Building	Site	Building Envelope	Interior Finishes	Plumbing Systems	HVAC Systems	Electrical Systems	Technology	Bus Purchases	ASSESSMENT TOTAL	Program Addition (including site improvements)	Interior Program Remodeling	Classroom Furniture	New Maintenance/ Operation Facility at Joy & Beck Rd.	Secure Entry Pre-School	Curb Appeal Improvements	Playground Equipment	Site Athletics Upgrades	VISIONING TOTAL	BUILDING TOTAL
1	Bentley Elementary	\$280,284	\$32,138	\$218,535	\$0	\$0	\$372,795	\$826,556	\$0	\$1,730,307	\$1,299,641	\$858,071	\$535,860	\$0	\$0	\$96,413	\$289,238	\$0	\$3,079,222	\$4,809,529
2	Bird Elementary	\$86,193	\$601,293	\$661,968	\$44,993	\$514,200	\$411,360	\$826,556	\$0	\$3,146,562	\$3,189,326	\$597,758	\$535,860	\$0	\$0	\$96,413	\$289,238	\$0	\$4,708,593	\$7,855,155
3	Dodson Elementary	\$452,400	\$374,723	\$224,705	\$44,993	\$1,375,485	\$385,650	\$826,556	\$0	\$3,684,512	\$2,263,766	\$813,079	\$535,860	\$0	\$0	\$96,413	\$289,238	\$0	\$3,998,354	\$7,682,866
4	Eriksson Elementary	\$1,042,136	\$1,024,302	\$360,583	\$0	\$0	\$347,085	\$826,556	\$0	\$3,600,662	\$4,349,489	\$652,391	\$494,640	\$0	\$0	\$96,413	\$289,238	\$0	\$5,882,171	\$9,482,832
5	Farrand Elementary	\$105,379	\$73,788	\$2,051,337	\$0	\$173,543	\$334,230	\$826,556	\$0	\$3,564,832	\$3,591,044	\$758,445	\$494,640	\$0	\$0	\$96,413	\$289,238	\$0	\$5,229,779	\$8,794,611
6	Field Elementary	\$977,816	\$1,003,252	\$360,583	\$0	\$0	\$347,085	\$826,556	\$0	\$3,515,292	\$4,349,489	\$748,804	\$515,250	\$0	\$0	\$96,413	\$289,238	\$0	\$5,999,193	\$9,514,485
7	Gallimore Elementary	\$312,762	\$56,562	\$1,652,832	\$44,993	\$449,925	\$289,238	\$826,556	\$0	\$3,632,867	\$2,243,198	\$1,529,745	\$453,420	\$0	\$0	\$96,413	\$289,238	\$0	\$4,612,013	\$8,244,879
8	Hoben Elementary	\$274,904	\$1,019,723	\$940,134	\$50,135	\$231,390	\$340,658	\$826,556	\$0	\$3,683,499	\$1,894,184	\$707,025	\$474,030	\$0	\$0	\$96,413	\$289,238	\$0	\$3,460,889	\$7,144,389
9	Hulsing Elementary	\$801,895	\$1,242,050	\$447,868	\$8,356	\$0	\$347,085	\$826,556	\$0	\$3,673,810	\$4,341,776	\$703,811	\$494,640	\$0	\$0	\$96,413	\$289,238	\$0	\$5,925,878	\$9,599,687
10	Isbister Elementary	\$151,965	\$32,138	\$1,366,969	\$0	\$570,762	\$253,886	\$826,556	\$0	\$3,202,276	\$3,719,594	\$597,758	\$432,810	\$0	\$0	\$96,413	\$289,238	\$0	\$5,135,812	\$8,338,087
11	Miller Elementary	\$114,474	\$821,113	\$164,415	\$0	\$482,063	\$305,306	\$826,556	\$0	\$2,713,927	\$4,799,414	\$543,124	\$515,250	\$0	\$0	\$96,413	\$289,238	\$0	\$6,243,438	\$8,957,365
12	Smith Elementary	\$313,161	\$530,269	\$1,141,203	\$44,993	\$514,200	\$244,245	\$826,556	\$0	\$3,614,625	\$3,189,326	\$533,483	\$432,810	\$0	\$0	\$96,413	\$289,238	\$0	\$4,541,268	\$8,155,893
13	Tonda Elementary	\$808,811	\$32,138	\$409,303	\$0	\$0	\$372,795	\$826,556	\$0	\$2,449,603	\$1,396,053	\$803,438	\$515,250	\$0	\$0	\$96,413	\$289,238	\$0	\$3,100,391	\$5,549,993
14	Workman Elementary	\$310,088	\$361,547	\$119,230	\$44,993	\$752,018	\$462,780	\$826,556	\$0	\$2,877,211	\$482,064	\$829,148	\$618,300	\$0	\$0	\$96,413	\$289,238	\$0	\$2,315,161	\$5,192,373
15	Discovery Middle School	\$514,264	\$388,864	\$478,849	\$96,413	\$803,438	\$822,720	\$933,599	\$0	\$4,038,146	\$0	\$797,010	\$961,800	\$0	\$0	\$96,413	\$0	\$0	\$1,855,223	\$5,893,369
16	East Middle School	\$1,150,548	\$51,420	\$1,523,703	\$8,356	\$867,713	\$629,895	\$933,599	\$0	\$5,165,234	\$2,185,350	\$690,314	\$687,000	\$0	\$0	\$96,413	\$0	\$0	\$3,659,076	\$8,824,310
17	Liberty Middle School	\$63,777	\$0	\$0	\$0	\$0	\$0	\$1,033,599	\$0	\$1,097,376	\$0	\$25,710	\$0	\$0	\$0	\$0	\$0	\$0	\$25,710	\$1,123,086
18	Pioneer Middle School	\$778,512	\$1,464,827	\$2,084,437	\$96,413	\$363,154	\$584,903	\$933,599	\$0	\$6,305,844	\$2,198,205	\$1,128,026	\$778,600	\$0	\$0	\$96,413	\$0	\$1,876,830	\$6,078,074	\$12,383,917
19	West Middle School	\$456,044	\$1,469,568	\$2,083,796	\$96,413	\$867,713	\$719,880	\$933,599	\$0	\$6,627,011	\$0	\$1,259,790	\$778,600	\$0	\$0	\$96,413	\$0	\$0	\$2,134,803	\$8,761,814
20	Canton High School	\$3,427,349	\$1,213,062	\$5,253,003	\$411,360	\$0	\$2,410,313	\$1,947,449	\$0	\$14,662,536	\$7,037,183	\$1,510,463	\$2,061,000	\$0	\$0	\$96,413	\$0	\$0	\$10,705,058	\$25,367,593
21	Plymouth High School	\$3,105,511	\$3,605,828	\$774,514	\$15,426	\$1,863,975	\$2,088,938	\$1,947,449	\$0	\$13,401,640	\$17,964,863	\$825,291	\$1,545,750	\$0	\$0	\$96,413	\$0	\$0	\$20,432,316	\$33,833,956
22	Salem High School	\$3,403,123	\$2,442,450	\$5,078,368	\$411,360	\$1,478,325	\$2,056,800	\$1,947,449	\$0	\$16,817,876	\$5,431,238	\$3,306,306	\$2,061,000	\$0	\$0	\$96,413	\$0	\$0	\$10,894,956	\$27,712,832
23	P-CEP Athletics	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,507,463	\$19,507,463	\$19,507,463
24	Starkweather Academy	\$64,275	\$596,472	\$743,019	\$0	\$482,063	\$289,238	\$1,947,449	\$0	\$4,122,515	\$3,936,844	\$1,425,620	\$412,200	\$0	\$0	\$96,413	\$0	\$0	\$5,871,076	\$9,993,591
25	Administration Building	\$148,925	\$217,507	\$322,018	\$0	\$0	\$131,764	\$440,699	\$0	\$1,260,913	\$0	\$305,306	\$0	\$0	\$0	\$64,275	\$0	\$0	\$369,581	\$1,630,494
26	New Maintenance/Operation Facility at Joy & Beck Rd.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,979,670	\$0	\$0	\$0	\$0	\$0	\$1,979,670	\$1,979,670
27	Transportation & Curriculum	\$324,100	\$0	\$96,413	\$0	\$0	\$96,413	\$440,699	\$0	\$957,625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$957,625
28	Allen ELC	\$58,021	\$167,115	\$514,200	\$128,550	\$482,063	\$282,810	\$826,556	\$0	\$2,459,314	\$0	\$1,784,274	\$0	\$0	\$0	\$96,413	\$0	\$0	\$1,880,687	\$4,340,001
29	Tanger Center	\$443,176	\$32,138	\$179,970	\$44,993	\$321,375	\$0	\$10,000	\$0	\$1,031,651	\$0	\$0	\$0	\$0	\$0	\$96,413	\$0	\$0	\$96,413	\$1,128,064
30	Truesdell	\$67,439	\$173,793	\$0	\$0	\$0	\$3,857	\$0	\$0	\$245,087	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$245,087
31	Bus Purchases	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,580,733	\$16,580,733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,580,733
Category Totals		\$ 20,037,331	\$ 19,028,077	\$ 29,251,953	\$ 1,592,735	\$ 12,593,401	\$ 14,931,725	\$ 25,847,533	\$ 16,580,733	\$139,863,486	\$79,862,045	\$23,734,187	\$16,334,570	\$1,979,670	\$0	\$2,378,175	\$4,049,325	\$21,384,293	\$149,722,264	\$289,585,749

\$ 275,000,000 Target Bond Budget
\$ (14,585,749) Variance

	1			2			3			4			5		
	Bentley			Bird			Dodson			Eriksson			Farrand		
	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment
Teaching Stations															
Total CR-Existing(Designed)	22	24		20	22		22	26		22	24		22	24	
Less Classrooms with Special Use															
General Ed	17	19		18	20		18	22		17	19		17	19	
Auxiliary Spaces															
Gym/Café				Existing						Existing			Existing		
Gym	Existing	Existing			New		Existing	Existing			New			New	
Café	Existing	Existing			Remodel		Existing	Existing			Remodel			Remodel	
Art	Existing	Existing	Presently Used as a General Ed, reverts back to dedicated art	Existing	Existing		Existing in Collab Room	Move Art to CR		Existing not in CR	Move Art to CR		None (On a Cart)	New	On a Cart
Music	Existing	Existing		Existing	New		Existing	Existing		Existing	New	Located behind Gym	None	New	Existing In Production Room
Science															
Faculty	Existing	Existing		Existing	Existing		Existing	Existing			New Sec. Entr.		Existing	Existing	
Planning	Used as CI CR	Used as CI CR	Presently Used as a CI Classroom, would revert back							Reading Recovery			Music		
Resource															
Media Center	Existing	Existing		Existing	Existing		Existing	Existing		Existing	Existing		Existing	Existing	
Computer Lab	Used As Resource Room	Existing					Used as Art	Revert Back		??			Existing		
Proposed New Spaces															
General Ed		2			2			4			2			2	
Gym					1						1			1	
Music					1									1	
Art												New Location		1	
Preschool															
Capacity															
Classroom Count	17	19		18	20		18	22		17	19		17	19	
Kindergarten	2	2		2	2		2	2		2	2		2	2	
Move Art to CR											-1				
Total	19	21		20	22		20	24		19	20		19	21	
Students/Rm	29	29		29	29		29	29		29	29		29	29	
Utilization Factor	85%	85%		85%	85%		85%	85%		85%	85%		85%	85%	
Enrollment Capacity	468	518		493	542		493	592		468	493		468	518	
Enrollment (8/20/2019)															
K-5	513		110%	494		100%	506		103%	489		104%	433		92%
Special Ed	7			0			12			0			21		
Total	520			494			518			489			454		
Under/(Over) Capacity	(45)			(1)			(13)			(21)			35		
Young Fives	20												19		
PMC (Future Enrolment 2023-2024)															
Method 1 Projection	520	553		494	499		518	555		489	462		454	444	
Method 2 Projection	520	476		494	488		518	436		489	444		454	396	
Method 3 Projection (Average)	520	514	99%	494	494	91%	518	492	83%	489	455	92%	454	421	81%

Move Boundary from Workman to Dodson?

	6			7			8			9			10		
	Field			Gallimore			Hoben			Hulsing			Isbister		
	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment
Teaching Stations															
Total CR-Existing(Designed)	22	24		20	20		22	24		22	24		20	22	
Less Classrooms with Special Use															
General Ed	17	19		12	12		16	18		20	22		18	20	
Auxiliary Spaces															
Gym/Café	Existing			Existing	Existing					Existing			Existing		
Gym		New			New		Existing	Existing			New			New	
Café		Remodel					Existing	Existing			Remodel			Remodel	
Art	Existing	Move Art to CR		1 In CR	Existing		1 Used as CR	Move Art to Classroom	Presently Used as a General Ed, reverts back to dedicated art	Existing not in CR	Move Art to CR		Existing not in CR	New	FMR Classroom
Music	Existing	Existing	Located behind Gym	1 In CR	New	Located behind Gym	Existing	Existing		Existing	Existing	Located behind Gym	Existing	New	Planning
Science													Existing		FMR Classroom
Faculty		New Sec. Entr.			Existing		Existing	Existing			New Sec. Entr.			Existing	
Planning		Reading Recovery			Reading Recovery										
Resource							Used as Art		Room, would revert back to Resource						
Media Center	Existing	Existing		Existing	Existing		Existing	Existing		Existing	Existing				
Computer Lab							Existing	Existing		1 Used CR	1 Used CR				
Proposed New Spaces															
General Ed		2			0			2			2			2	
Gym		1			1						1			1	
Music					1									1	
Art												New Location		1	
Preschool															
Capacity															
Classroom Count	17	19		12	12		16	18		20	22		18	20	
Kindergarten	4	4		0	0		4	4		2	2		2	2	
Move Art to CR		-1									-1				
Total	21	22		12	12		20	22		22	23		20	22	
Students/Rm	29	29		29	29		29	29		29	29		29	29	
Utilization Factor	85%	85%		85%	85%		85%	85%		85%	85%		85%	85%	
Enrollment Capacity	518	542		296	296		493	542		542	567		493	542	
Enrollment (8/20/2019)															
K-5	524		101%	346		117%	542		110%	499		92%	482		98%
Special Ed	0						0			0			0		
Total	524			346			542			499			482		
Under/(Over) Capacity	(6)			(50)			(49)			43			11		
Young Fives							44			22			22		
PMC (Future Enrolment 2023-2024)															
Method 1 Projection	524	457		346	N/A		542	545		499	511		482	485	
Method 2 Projection	524	508		346	N/A		542	586		499	417		482	451	
Method 3 Projection (Average)	524	482	89%	346	336	114%	542	566	104%	499	463	82%	482	468	86%

TAG Program

Move Boundary from Hoben to Miller?

	11			12			13			14			Total		
	Miller			Smith			Tonda			Workman			Existing	Proposed	Comment
	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment	Existing	Proposed	Comment			
Teaching Stations															
Total CR-Existing(Designed)	21	23		18	19		22	24		28	28		303	328	
Less Classrooms with Special Use	0	0		0	0		0	0							
General Ed	18	20		16	17		16	18		25	25		245	270	
Auxiliary Spaces															
Gym/Café	Existing			Existing											
Gym		New			New		Existing	Existing		Existing	Existing		1		
Café		Remodel			Remodel		Existing	Existing		Existing	Existing		0	1	
Art	1 Used as CR	Remodel	Convert to CR	Existing	New	FMR Classroom	Existing	Existing		1	Existing	Used as Classroom, Revert back to Art	1	1	
Music	Existing	Existing	Share with Art	Existing	New	In Small Space adjacent to Media	Existing	Existing		Existing	Existing		1	0	
Science															
Faculty	Existing	New Sec. Entr.		Existing	Existing		Existing	Existing		Existing	Existing				
Planning				no			Used as CI CR	Used as CI CR	Presently Used as a CI Classroom, would revert back						
Resource															
Media Center	Existing	Existing		Existing	Existing		Existing	Existing		Existing	Existing				
Computer Lab				Kids Time Steam			Used As Resource Room	Existing		Used as Art	Revert Back				
Proposed New Spaces															
General Ed		2			1			2			0		0	25	
Gym		1			1								0	9	
Music					1								0	5	
Art					1								0	3	
Preschool													0	0	
Capacity															
Classroom Count	18	20		16	17		16	18		25	25		245	270	
Kindergarten	3	3		2	2		4	4		3	3		34	34	
Move Art to CR										-1	-1		-1	-4	
Total	21	23		18	19		20	22		27	27		278	300	
Students/Rm	29	29		29	29		29	29		29	29		406	406	
Utilization Factor	85%	85%		85%	85%		85%	85%		85%	85%		85%	85%	
Enrollment Capacity	518	567		444	468		493	542		666	666		6853	7395	
Enrollment (8/20/2019)															
K-5	514		99%	422		95%	534		108%	758		114%	7056	103.0%	K-5
Special Ed	0			0			9			0			49		Special Ed
Total	514			422			543			758			7105		Total
Under/(Over) Capacity	4			22			(41)			(92)			(203)		Under/(Over) Capacity
Young Fives													127		Young Fives
PMC (Future Enrolment 2023-2024)															
Method 1 Projection	514	N/A		422	386		543	582		758	685		6986	94.5%	Under/(Over) Capacity
Method 2 Projection	514	N/A		422	404		543	577		758	762		6767	91.5%	Under/(Over) Capacity
Method 3 Projection (Average)	514	486	86%	422	395	84%	543	582	107%	758	723	109%	6877	93.0%	Under/(Over) Capacity

Move Boundary from Hoben to Miller?

Move Boundary from Workman to Dodson?

**Plymouth Canton Community Schools
10 Year Master Plan Summary**

DRAFT

Building	Technology Needs			
	District Wide	Grade Level	Misc.	Total
Bentley Elementary	\$440,699	\$385,857		\$826,556
Bird Elementary	\$440,699	\$385,857		\$826,556
Dodson Elementary	\$440,699	\$385,857		\$826,556
Eriksson Elementary	\$440,699	\$385,857		\$826,556
Farrand Elementary	\$440,699	\$385,857		\$826,556
Field Elementary	\$440,699	\$385,857		\$826,556
Gallimore Elementary	\$440,699	\$385,857		\$826,556
Hoben Elementary	\$440,699	\$385,857		\$826,556
Hulsing Elementary	\$440,699	\$385,857		\$826,556
Isbister Elementary	\$440,699	\$385,857		\$826,556
Miller Elementary	\$440,699	\$385,857		\$826,556
Smith Elementary	\$440,699	\$385,857		\$826,556
Tonda Elementary	\$440,699	\$385,857		\$826,556
Workman Elementary	\$440,699	\$385,857		\$826,556
Discovery Middle School	\$440,699	\$492,900		\$933,599
East Middle School	\$440,699	\$492,900		\$933,599
Liberty Middle School	\$440,699	\$492,900	\$100,000	\$1,033,599
Pioneer Middle School	\$440,699	\$492,900		\$933,599
West Middle School	\$440,699	\$492,900		\$933,599
Canton High School	\$440,699	\$1,506,750		\$1,947,449
Plymouth High School	\$440,699	\$1,506,750		\$1,947,449
Salem High School	\$440,699	\$1,506,750		\$1,947,449
Starkweather Academy	\$440,699	\$1,506,750		\$1,947,449
Administration Building	\$440,699			\$440,699
Curriculum Building	\$440,699			\$440,699
Maintenance Building	\$0			\$0
Transportation Building	\$0			\$0
Allen ELC	\$440,699	\$385,857		\$826,556
Tanger Center	\$0		\$10,000	\$10,000
Truesdell	\$0			\$0
District Wide Total	\$11,458,185			
Elementary School Total	\$5,787,848			
Middle School Total	\$2,464,500			
High School Total	\$6,027,000			
Technology Upgrades Total				\$25,847,533

DRAFT

Bentley Elementary School

Revised from 8/21/2019 Meeting

Building Size 58,000 SF
Year Built 1993
Additions 0
Address 1100 S. Sheldon Rd
Canton, MI 48188

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$280,283.99	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	26,600	SF	\$6.50	\$172,900.00	128.55%	\$222,262.95				
4	Asphalt Patch & Sealcoat	27,900	SF	\$0.65	\$18,135.00	128.55%	\$23,312.54				
5	Undercut Allowance	1	ALLOW	\$12,000.00	\$12,000.00	128.55%	\$15,426.00				
6					\$0.00	128.55%	\$0.00				
7					\$0.00	128.55%	\$0.00				
8	2.0 Building Envelope							\$32,137.50	\$0.00	\$0.00	
9	Exterior Caulking / Tuck-pointing / EIFS Restoration	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
10					\$0.00	128.55%	\$0.00				
11					\$0.00	128.55%	\$0.00				
12	3.0 Interior/Finishes							\$218,535.00	\$0.00	\$0.00	
13	Replace Classroom Counter-tops	25	RMS	\$1,800.00	\$45,000.00	128.55%	\$57,847.50				
14	Ceiling Tile Replacements (Partial)	40,000	SF	\$2.25	\$90,000.00	128.55%	\$115,695.00				
15	Refinish Gym Wood Floor	4,500	SF	\$5.00	\$22,500.00	128.55%	\$28,923.75				
16	Improve Acoustics in Cafeteria	1	ALLOW	\$12,500.00	\$12,500.00	128.55%	\$16,068.75				
17					\$0.00	128.55%	\$0.00				
18					\$0.00	128.55%	\$0.00				
19	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00	
20					\$0.00	128.55%	\$0.00				
21					\$0.00	128.55%	\$0.00				
22	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00	
23					\$0.00	128.55%	\$0.00				
24					\$0.00	128.55%	\$0.00				
25					\$0.00	128.55%	\$0.00				
26					\$0.00	128.55%	\$0.00				
27	6.0 Electrical Systems							\$372,795.00	\$0.00	\$0.00	
28	Install LED Lighting	58,000	SF	\$5.00	\$290,000.00	128.55%	\$372,795.00				
29											
30											
31	Total						\$903,751.49	\$903,751.49	\$0.00	\$0.00	
32	Visioning										
33	7.0 Visioning - Additions							\$1,299,640.50	\$0.00	\$0.00	
34	Gym & Support Space Addition	0	SF		\$0.00	128.55%	\$0.00				
35	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50				
36	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
37	Parking & Drive Expansion	0	SF		\$0.00	128.55%	\$0.00				
38	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
39	Storm water Management	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
40	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool
41					\$0.00	128.55%	\$0.00				

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Bentley Elementary School

Revised from 8/21/2019 Meeting

Building Size 58,000 SF
Year Built 1993
Additions 0
Address 1100 S. Sheldon Rd
Canton, MI 48188

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
43	8.0 Visioning - Interior Remodeling							\$858,071.25	\$0.00	\$0.00	
44		0	SF	\$100.00	\$0.00	128.55%	\$0.00				
45	Learning Commons & Small Group/Collaboration	5,500	SF	\$85.00	\$467,500.00	128.55%	\$600,971.25				
46	Furniture & Equipment	1	EA	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
47	Remodel Main Office & Support Offices	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
48	Special Education Upgrades	2,500	SF	\$50.00	\$125,000.00	128.55%	\$160,687.50				
49					\$0.00	128.55%	\$0.00				
50											
51	9.0 Visioning - Furniture							\$535,860.00	\$0.00	\$0.00	
52	Classroom Furniture	26	EA	\$18,000.00	\$468,000.00	114.50%	\$535,860.00				
53					\$0.00	114.50%	\$0.00				
54					\$0.00	114.50%	\$0.00				
55					\$0.00	114.50%	\$0.00				
56											
57	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
58	see Section 7.0 Additions										
59											
60											
61											
62	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
63	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66											
67	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
68	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72											
73	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
74	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77					\$0.00	128.55%	\$0.00				

\$3,079,221.75 \$3,079,221.75
\$3,982,973.24 \$3,982,973.24

Bird Elementary School															
Revised from 8/21/2019 Meeting															
<table border="1" style="width: 100%;"> <tr><td style="text-align: center;">Building Size 44,000 SF</td></tr> <tr><td style="text-align: center;">Year Built 1950</td></tr> <tr><td style="text-align: center;">Additions</td></tr> <tr><td style="text-align: center;">Address 220 N. Sheldon</td></tr> <tr><td style="text-align: center;">Plymouth, MI 48170</td></tr> </table>											Building Size 44,000 SF	Year Built 1950	Additions	Address 220 N. Sheldon	Plymouth, MI 48170
Building Size 44,000 SF															
Year Built 1950															
Additions															
Address 220 N. Sheldon															
Plymouth, MI 48170															
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks				
									Immediate Need (1-5 years)	Deferred Need (6-10 years)					
1	1.0 Site							\$86,192.78	\$0.00	\$0.00					
2	Replace N. Porch & Ramp	1	LS	\$15,000.00	\$15,000.00	128.55%	\$19,282.50								
3	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50								
4	Asphalt Patch & Sealcoat	57,000	SF	\$0.65	\$37,050.00	128.55%	\$47,627.78								
5					\$0.00	128.55%	\$0.00								
6					\$0.00	128.55%	\$0.00								
7					\$0.00	128.55%	\$0.00								
8	2.0 Building Envelope							\$601,292.63	\$0.00	\$0.00					
9	Replace Fencing Along S. Property Line	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00								
10	Provide Roof Hatch & Ladder	1	ALLOW	\$7,500.00	\$7,500.00	128.55%	\$9,641.25								
11	Replace Partial Roofing	35,220	SF	\$12.50	\$440,250.00	128.55%	\$565,941.38								
12	3.0 Interior/Finishes							\$661,968.23	\$0.00	\$0.00					
13	Upgrade/Expand Kitchen & Serving Lines	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00								
14	Replace Interior doors & hardware	49	EA	\$1,300.00	\$63,700.00	128.55%	\$81,886.35								
15	Casework Replacement	17	CR	\$5,000.00	\$85,000.00	128.55%	\$109,267.50								
16	Ceiling Tile Replacements (Partial)	20,000	SF	\$2.25	\$45,000.00	128.55%	\$57,847.50								
17	Replace Lockers	510	EA	\$125.00	\$63,750.00	128.55%	\$81,950.63								
18	Kindergarten Cubbies	2	RM	\$15,000.00	\$30,000.00	128.55%	\$38,565.00								
19	Refinish Gym Wood Floor	3,500	SF	\$5.00	\$17,500.00	128.55%	\$22,496.25								
20	Repair Hydraulic Stage Lift	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00								
21	4.0 Plumbing Systems							\$44,992.50	\$0.00	\$0.00					
22	Replace Water Heater/Boiler	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50								
23	5.0 HVAC Systems							\$514,200.00	\$0.00	\$0.00					
24	Replace Boilers	1	ALLOW	\$ 275,000.00	\$275,000.00	128.55%	\$353,512.50								
25	Replace RTU's @ Gym & Main Office	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50								
26					\$0.00	128.55%	\$0.00								
27					\$0.00	128.55%	\$0.00								
28	6.0 Electrical Systems							\$411,360.00	\$0.00	\$0.00					
29	Install LED Lighting	44,000	SF	\$5.00	\$220,000.00	128.55%	\$282,810.00								
30	Replace Building Service	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00								
31															
32															
33	Total							\$2,320,006.13	\$2,320,006.13	\$0.00	\$0.00				
34	7.0 Visioning - Additions							\$3,189,325.50	\$0.00	\$0.00					
36	Gym, Stage & Music	6,000	SF	\$225.00	\$1,350,000.00	128.55%	\$1,735,425.00								
37	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50								
38	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00								
39	Parking & Drive Expansion		SF		\$0.00	128.55%	\$0.00								
40	Relocate playground/hard surface play	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50								
41	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50								
42	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00								
43	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool				
44	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00								

Bird Elementary School																					
Revised from 8/21/2019 Meeting				<table border="1"> <tr><td>Building Size 44,000 SF</td></tr> <tr><td>Year Built 1950</td></tr> <tr><td>Additions</td></tr> <tr><td>Address 220 N. Sheldon</td></tr> <tr><td>Plymouth, MI 48170</td></tr> </table>			Building Size 44,000 SF	Year Built 1950	Additions	Address 220 N. Sheldon	Plymouth, MI 48170					<table border="1"> <tr><td>Need</td></tr> <tr><td>Immediate Need (1-5 years)</td></tr> <tr><td>Deferred Need (6-10 years)</td></tr> </table>		Need	Immediate Need (1-5 years)	Deferred Need (6-10 years)	
Building Size 44,000 SF																					
Year Built 1950																					
Additions																					
Address 220 N. Sheldon																					
Plymouth, MI 48170																					
Need																					
Immediate Need (1-5 years)																					
Deferred Need (6-10 years)																					
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Immediate Need (1-5 years)	Deferred Need (6-10 years)	Description / Remarks										
46	8.0 Visioning - Interior Remodeling							\$597,757.50	\$0.00	\$0.00											
47		0	SF	\$100.00	\$0.00	128.55%	\$0.00														
48	Learning Commons & Small Group/Collaboration	4,000	SF	\$85.00	\$340,000.00	128.55%	\$437,070.00														
49	Furniture & Equipment	1	EA	\$75,000.00	\$75,000.00	128.55%	\$96,412.50														
50	Remodel Main Office & Support Offices	0	SF	\$100.00	\$0.00	128.55%	\$0.00														
51	Special Education Upgrades	1,000	SF	\$50.00	\$50,000.00	128.55%	\$64,275.00														
52					\$0.00	128.55%	\$0.00														
53																					
54	9.0 Visioning - Furniture							\$535,860.00	\$0.00	\$0.00											
55	Classroom Furniture	26	EA	\$18,000.00	\$468,000.00	114.50%	\$535,860.00														
56					\$0.00	114.50%	\$0.00														
57					\$0.00	114.50%	\$0.00														
58					\$0.00	114.50%	\$0.00														
59																					
60	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00											
61	See Section 7.0 Additions		SF	\$100.00	\$0.00	128.55%	\$0.00														
62			EA	\$15,000.00	\$0.00	128.55%	\$0.00														
63			EA	\$125,000.00	\$0.00	128.55%	\$0.00														
64																					
65	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00											
66	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00														
67					\$0.00	128.55%	\$0.00														
68					\$0.00	128.55%	\$0.00														
69																					
70	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00											
71	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50														
72					\$0.00	128.55%	\$0.00														
73					\$0.00	128.55%	\$0.00														
74					\$0.00	128.55%	\$0.00														
75																					
76	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00											
77	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50														
78					\$0.00	128.55%	\$0.00														
79					\$0.00	128.55%	\$0.00														
80					\$0.00	128.55%	\$0.00														

\$4,708,593.00 \$4,708,593.00
\$7,028,599.13 \$7,028,599.13

Dodson Elementary School											
Revised from 8/21/2019 Meeting											
Building Size 60,000 SF											
Year Built 2001											
Additions 0											
Address 205 N. Beck											
Canton, MI 48187											
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$452,399.59	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	118,700	SF	\$2.75	\$326,425.00	128.55%	\$419,619.34				
4	Undercut Allowance	1	ALLOW	\$10,500.00	\$10,500.00	128.55%	\$13,497.75				
5					\$0.00	128.55%	\$0.00				
6					\$0.00	128.55%	\$0.00				
7	2.0 Building Envelope							\$374,723.25	\$0.00	\$0.00	
8	Exterior Caulking / Tuck-pointing / EIFS Restoration	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
9	Partial Roof Replacement	21,320	SF	\$12.50	\$266,500.00	128.55%	\$342,585.75				
10					\$0.00	128.55%	\$0.00				
11					\$0.00	128.55%	\$0.00				
12	3.0 Interior/Finishes							\$224,705.40	\$0.00	\$0.00	
13	Replace Toilet Partitions	4	TR	\$3,500.00	\$14,000.00	128.55%	\$17,997.00				
14	Refinish Gym Wood Floor	4,500	SF	\$5.00	\$22,500.00	128.55%	\$28,923.75				
15	Ceiling Tile Replacements (Partial)	30,000	SF	\$2.25	\$67,500.00	128.55%	\$86,771.25				
16	Replace Countertops	26	CR	\$1,800.00	\$46,800.00	128.55%	\$60,161.40				
17	Replace flooring in Art Room	1,500	SF	\$6.00	\$9,000.00	128.55%	\$11,569.50				
18	Provide blinds at corridor clearstory windows	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
19					\$0.00	128.55%	\$0.00				
20					\$0.00	128.55%	\$0.00				
21	4.0 Plumbing Systems							\$44,992.50	\$0.00	\$0.00	
22	Replace Water Heater	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50				
23					\$0.00	128.55%	\$0.00				
24	5.0 HVAC Systems							\$1,375,485.00	\$0.00	\$0.00	
25	Replace Exhaust Fans	20	EA	\$3,500.00	\$70,000.00	128.55%	\$89,985.00				
26	Replace Rooftop Equipment (AHU's, Condensers)	10	EA	\$80,000.00	\$800,000.00	128.55%	\$1,028,400.00				
27	Replace Cooling Tower Equipment	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00				
28											
29											
30	6.0 Electrical Systems							\$385,650.00	\$0.00	\$0.00	
31	Install LED Lighting	60,000	SF	\$5.00	\$300,000.00	128.55%	\$385,650.00				
32											
33											
34	Total						\$2,857,955.74	\$2,857,955.74	\$0.00	\$0.00	
35	Visioning										
36	7.0 Visioning - Additions							\$2,263,765.50	\$0.00	\$0.00	
37	Gym & Support Space Addition	0	SF	\$0.00	\$0.00	128.55%	\$0.00				
38	Classrooms	6,000	SF	\$225.00	\$1,350,000.00	128.55%	\$1,735,425.00				
39	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
40	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
41	Relocate playground/hard surface play	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
42	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
43	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool
44											
45											

Dodson Elementary School

Revised from 8/21/2019 Meeting

Building Size 60,000 SF
Year Built 2001
Additions 0
Address 205 N. Beck
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
46	8.0 Visioning - Interior Remodeling							\$813,078.75	\$0.00	\$0.00	
47					\$0.00	128.55%	\$0.00				
48	Learning Commons & Small Group/Collaboration	4,500	SF	\$85.00	\$382,500.00	128.55%	\$491,703.75				
49	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
50	Remodel Main Office & Support Offices	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
51	Special Education Upgrades	3,500	SF	\$50.00	\$175,000.00	128.55%	\$224,962.50				
52											
53											
54	9.0 Visioning - Furniture							\$535,860.00	\$0.00	\$0.00	
55	Classroom Furniture	26	EA	\$18,000.00	\$468,000.00	114.50%	\$535,860.00				
56					\$0.00	114.50%	\$0.00				
57					\$0.00	114.50%	\$0.00				
58					\$0.00	114.50%	\$0.00				
59											
60	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
61	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68											
69	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
70	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72					\$0.00	128.55%	\$0.00				
73											
74	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
75	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
76					\$0.00	128.55%	\$0.00				
77					\$0.00	128.55%	\$0.00				
78					\$0.00	128.55%	\$0.00				
79											
80	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
81	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
82					\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				
84					\$0.00	128.55%	\$0.00				
								\$3,998,354.25	\$3,998,354.25		
								\$6,856,309.99	\$6,856,309.99		

DRAFT

Eriksson Elementary School

Building Size 54,000 SF
Year Built 1975
Additions
Address 1275 N. Haggerty Road
Canton, MI 48187

Revised from 8/21/2019 Meeting
Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$1,042,135.57	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	9,700	SF	\$6.50	\$63,050.00	128.55%	\$81,050.78				
4	Asphalt Pavement Replacement	108,000	SF	\$2.50	\$270,000.00	128.55%	\$347,085.00				
5	Asphalt Patch & Sealcoat	27,900	SF	\$0.65	\$18,135.00	128.55%	\$23,312.54				
6	Undercut Allowance	1	ALLOW	\$16,500.00	\$16,500.00	128.55%	\$21,210.75				
7	Parking Lot Addition	18,000	SF	\$8.50	\$153,000.00	128.55%	\$196,681.50				
8	Storm Water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
9	Relocate Playground Equipment	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
10					\$0.00	128.55%	\$0.00				
11	2.0 Building Envelope							\$1,024,302.47	\$0.00	\$0.00	
12	Partial Roof Replacement	54,825	SF	\$12.50	\$685,312.50	128.55%	\$880,969.22				
13	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
14	Paint Penthouse Panels	3	EA	\$5,500.00	\$16,500.00	128.55%	\$21,210.75				
15	Partial Exterior Door Replacements	7	LOC	\$10,000.00	\$70,000.00	128.55%	\$89,985.00				
16					\$0.00	128.55%	\$0.00				
17	3.0 Interior/Finishes							\$360,582.75	\$0.00	\$0.00	
18	Replace Toilet Partitions	6	TR	\$3,500.00	\$21,000.00	128.55%	\$26,995.50				
19	New Lobby Doors to Gym, Offices, Classrooms	3	SETS	\$8,000.00	\$24,000.00	128.55%	\$30,852.00				
20	Replace Ceiling in Lobby	2,500	SF	\$10.00	\$25,000.00	128.55%	\$32,137.50				
21	Partial Ceiling Tile Replacements	38,000	SF	\$2.25	\$85,500.00	128.55%	\$109,910.25				
22	Upgrade Kitchen & Serving Lines	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
23					\$0.00	128.55%	\$0.00				
24	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00	
25					\$0.00	128.55%	\$0.00				
26					\$0.00	128.55%	\$0.00				
27	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00	
28					\$0.00	128.55%	\$0.00				
29					\$0.00	128.55%	\$0.00				
30	6.0 Electrical Systems							\$347,085.00	\$0.00	\$0.00	
31	Install LED Lighting	54,000	SF	\$5.00	\$270,000.00	128.55%	\$347,085.00				
32											
33											
34											
35	Total						\$2,774,105.79	\$2,774,105.79	\$0.00	\$0.00	

DRAFT

Eriksson Elementary School

Building Size 54,000 SF

Year Built 1975

Additions

Address 1275 N. Haggerty Road

Canton, MI 48187

Revised from 8/21/2019 Meeting

Revised from 10/08/2019 Meeting

Need

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
36	Visioning										
37	7.0 Visioning - Additions						\$4,349,489.25	\$0.00	\$0.00		
38	Main Office/Entry Addition	5,000	SF	\$225.00	\$1,125,000.00	128.55%	\$1,446,187.50				
39	Gym Only	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75				
40	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50				
41	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
42	Remodel old Main Office	1,000	SF	\$100.00	\$100,000.00	128.55%	\$128,550.00				
43	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
44	Playground relocation/hard surface play	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
45	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
46	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool
47	Main Office Furniture & Equipment	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00				
48	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
49											
50	8.0 Visioning - Interior Remodeling						\$652,391.25	\$0.00	\$0.00		
51					\$0.00	128.55%	\$0.00				
52	Learning Commons & Small Group/Collaboration	4,500	SF	\$85.00	\$382,500.00	128.55%	\$491,703.75				
53	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
54	Special Education Upgrades	1,000	SF	\$50.00	\$50,000.00	128.55%	\$64,275.00				
55					\$0.00	128.55%	\$0.00				
56					\$0.00	128.55%	\$0.00				
57											
58	9.0 Visioning - Furniture						\$494,640.00	\$0.00	\$0.00		
59	Classroom Furniture	24	EA	\$18,000.00	\$432,000.00	114.50%	\$494,640.00				
60					\$0.00	114.50%	\$0.00				
61					\$0.00	114.50%	\$0.00				
62					\$0.00	114.50%	\$0.00				
63											
64	10.0 PRE-School Visioning						\$0.00	\$0.00	\$0.00		
65	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68					\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71											
72	11.0 Special Education Visioning						\$0.00	\$0.00	\$0.00		
73	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76											

DRAFT

Eriksson Elementary School

Revised from 8/21/2019 Meeting
Revised from 10/08/2019 Meeting

Building Size 54,000 SF
Year Built 1975
Additions
Address 1275 N. Haggerty Road
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
77	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
78	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				
82											
83	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
84	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
85					\$0.00	128.55%	\$0.00				
86					\$0.00	128.55%	\$0.00				
87					\$0.00	128.55%	\$0.00				
							\$5,882,170.50	\$5,882,170.50			
							\$8,656,276.29	\$8,656,276.29			

Farrand Elementary School

Building Size 52,000 SF
Year Built 1957
Additions
Address 41400 Greenbrier Lane
Plymouth, MI 48170

Revised from 8/21/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$105,378.86	\$0.00	\$0.00	
2	Construct Dumpster Enclosure	1	LS	\$30,000.00	\$30,000.00	128.55%	\$38,565.00				
3	Asphalt Patch & Sealcoat	61,500	SF	\$0.65	\$39,975.00	128.55%	\$51,387.86				
4	Undercut Allowance	1	ALLOW	\$12,000.00	\$12,000.00	128.55%	\$15,426.00				
5					\$0.00	128.55%	\$0.00				
6					\$0.00	128.55%	\$0.00				
7	2.0 Building Envelope							\$73,787.70	\$0.00	\$0.00	
8	Replace Soffits @ NW Wing (Transite)	720	SF	\$45.00	\$32,400.00	128.55%	\$41,650.20				
9	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
10					\$0.00	128.55%	\$0.00				
11					\$0.00	128.55%	\$0.00				
12	3.0 Interior/Finishes							\$2,051,336.63	\$0.00	\$0.00	
13	Upgrade/Expand Kitchen	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00				
14	Replace Carpet In Main Office Area	2,500	SF	\$8.00	\$20,000.00	128.55%	\$25,710.00				
15	Toilet Room Upgrades										
16	Classroom Toilet Rooms	28	EA	\$20,000.00	\$560,000.00	128.55%	\$719,880.00				
17	Staff Toilet Rooms	2	EA	\$20,000.00	\$40,000.00	128.55%	\$51,420.00				
18	Rebuild Corridor Walls (SE & SW Wings)	5,950	SF	\$85.00	\$505,750.00	128.55%	\$650,141.63				
19	Replace Casework	22	CR	\$5,000.00	\$110,000.00	128.55%	\$141,405.00				
20	Replace Metal Pan Ceilings	2,500	SF	\$5.50	\$13,750.00	128.55%	\$17,675.63				
21	New Corridor Lockers	690	EA	\$125.00	\$86,250.00	128.55%	\$110,874.38				
22	Terrazzo Repairs in East Corridor	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
23	Ceiling Tile Replacements (Partial)	20,000	SF	\$2.25	\$45,000.00	128.55%	\$57,847.50				
24	4.0 Plumbing Systems							\$0.00	\$0.00		
25					\$0.00	128.55%	\$0.00				
26					\$0.00	128.55%	\$0.00				
27	5.0 HVAC Systems							\$173,542.50	\$0.00	\$0.00	
28	Ventilation for Kiln	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00				
29	Replace RTU's @ Gym & Main Office	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
30					\$0.00	128.55%	\$0.00				
31					\$0.00	128.55%	\$0.00				
32	6.0 Electrical Systems							\$334,230.00	\$0.00	\$0.00	
33	Install LED Lighting	52,000	SF	\$5.00	\$260,000.00	128.55%	\$334,230.00				
34											
35											
36	Total							\$2,738,275.69	\$2,738,275.69	\$0.00	\$0.00

Farrand Elementary School

Building Size 52,000 SF
Year Built 1957
Additions
Address 41400 Greenbrier Lane
Plymouth, MI 48170

Revised from 8/21/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
37	Visioning										
38	7.0 Visioning - Additions						\$3,591,044.25	\$0.00	\$0.00		
39	Gym, Stage & Music	6,000	SF	\$225.00	\$1,350,000.00	128.55%	\$1,735,425.00				
40	Art	1,500	SF	\$225.00	\$337,500.00	128.55%	\$433,856.25				
41	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50				
42	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
43	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
44	Playground relocation/hard surface play	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
45	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
46	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool
47	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
48											
49	8.0 Visioning - Interior Remodeling						\$758,445.00	\$0.00	\$0.00		
50					\$0.00	128.55%	\$0.00				
51	Learning Commons & Small Group/Collaboration	4,000	SF	\$85.00	\$340,000.00	128.55%	\$437,070.00				
52	Furniture & Equipment	1	EA	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
53	Remodel Main Office & Support Offices	0	SF	\$100.00	\$0.00	128.55%	\$0.00				
54	Special Education Upgrades	3,500	SF	\$50.00	\$175,000.00	128.55%	\$224,962.50				
55					\$0.00	128.55%	\$0.00				
56											
57	9.0 Visioning - Furniture						\$494,640.00	\$0.00	\$0.00		
58	Classroom Furniture	24	EA	\$18,000.00	\$432,000.00	114.50%	\$494,640.00				
59					\$0.00	114.50%	\$0.00				
60					\$0.00	114.50%	\$0.00				
61					\$0.00	114.50%	\$0.00				
62											
63	10.0 PRE-School Visioning						\$0.00	\$0.00	\$0.00		
64	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67											
68	11.0 Special Education Visioning						\$0.00	\$0.00	\$0.00		
69	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72											
73	12.0 Playground Upgrades						\$289,237.50	\$0.00	\$0.00		
74	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77					\$0.00	128.55%	\$0.00				
78											
79	13.0 Landscape improvements (Curb Appeal)						\$96,412.50	\$0.00	\$0.00		
80	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				

\$5,229,779.25
\$7,968,054.94

\$5,229,779.25
\$7,968,054.94

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Field Elementary School

Building Size 54,000 SF

Year Built 1975

Additions

Address 1275 N. Haggerty Road

Canton, MI 48187

Revised from 8/21/2019 Meeting

Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$977,815.58	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	33,300	SF	\$6.50	\$216,450.00	128.55%	\$278,246.48				
4	Asphalt Patch & Sealcoat	40,000	SF	\$0.65	\$26,000.00	128.55%	\$33,423.00				
5	Undercut Allowance	1	ALLOW	\$25,200.00	\$25,200.00	128.55%	\$32,394.60				
6	Drainage Improvements	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
7	Parking Lot Addition	18,000	SF	\$8.50	\$153,000.00	128.55%	\$196,681.50				
8	Storm Water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
9	Relocate Playground Equipment	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
10					\$0.00	128.55%	\$0.00				
11	2.0 Building Envelope							\$1,003,252.41	\$0.00	\$0.00	
12	Partial Roof Replacement	51,115	SF	\$12.50	\$638,937.50	128.55%	\$821,354.16				
13	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
14	Paint Penthouse Panels	3	EA	\$5,500.00	\$16,500.00	128.55%	\$21,210.75				
15	Partial Exterior Door Replacements	10	LOC	\$10,000.00	\$100,000.00	128.55%	\$128,550.00				
16					\$0.00	128.55%	\$0.00				
17	3.0 Interior/Finishes							\$360,582.75	\$0.00	\$0.00	
18	Replace Toilet Partitions	6	TR	\$3,500.00	\$21,000.00	128.55%	\$26,995.50				
19	New Lobby Doors to Gym, Offices, Classrooms	3	SETS	\$8,000.00	\$24,000.00	128.55%	\$30,852.00				
20	Replace Ceiling in Lobby	2,500	SF	\$10.00	\$25,000.00	128.55%	\$32,137.50				
21	Partial Ceiling Tile Replacements	38,000	SF	\$2.25	\$85,500.00	128.55%	\$109,910.25				
22	Upgrade Kitchen & Serving Lines	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
23					\$0.00	128.55%	\$0.00				
24					\$0.00	128.55%	\$0.00				
25	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00	
26					\$0.00	128.55%	\$0.00				
27					\$0.00	128.55%	\$0.00				
28	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00	
29					\$0.00	128.55%	\$0.00				
30					\$0.00	128.55%	\$0.00				
31					\$0.00	128.55%	\$0.00				
32	6.0 Electrical Systems							\$347,085.00	\$0.00	\$0.00	
33	Install LED Lighting	54,000	SF	\$5.00	\$270,000.00	128.55%	\$347,085.00				
34											
35											
36	Total						\$2,688,735.73	\$2,688,735.73	\$0.00	\$0.00	

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Field Elementary School

Building Size 54,000 SF
Year Built 1975
Additions
Address 1275 N. Haggerty Road
Canton, MI 48187

Revised from 8/21/2019 Meeting
Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
37	Visioning										
38	7.0 Visioning - Additions						\$4,349,489.25		\$0.00	\$0.00	
39	Main Office/Entry Addition	5,000	SF	\$225.00	\$1,125,000.00	128.55%	\$1,446,187.50				
40	Gym Only	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75				
41	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50				
42	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
43	Remodel old Main Office	1,000	SF	\$100.00	\$100,000.00	128.55%	\$128,550.00				
44	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
45	Playground relocation/hard surface play	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
46	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
47	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				
48	Main Office Furniture & Equipment	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00				
49	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
50											
51	8.0 Visioning - Interior Remodeling						\$748,803.75		\$0.00	\$0.00	
52					\$0.00	128.55%	\$0.00				
53	Learning Commons & Small Group/Collaboration	4,500	SF	\$85.00	\$382,500.00	128.55%	\$491,703.75				
54	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
55	Special Education Upgrades	2,500	SF	\$50.00	\$125,000.00	128.55%	\$160,687.50				
56					\$0.00	128.55%	\$0.00				
57					\$0.00	128.55%	\$0.00				
58											
59	9.0 Visioning - Furniture						\$515,250.00		\$0.00	\$0.00	
60	Classroom Furniture	25	EA	\$18,000.00	\$450,000.00	114.50%	\$515,250.00				
61					\$0.00	114.50%	\$0.00				
62					\$0.00	114.50%	\$0.00				
63					\$0.00	114.50%	\$0.00				
64											
65	10.0 PRE-School Visioning						\$0.00		\$0.00	\$0.00	
66	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68					\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72											
73	11.0 Special Education Visioning						\$0.00		\$0.00	\$0.00	
74	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77											
78	12.0 Playground Upgrades						\$289,237.50		\$0.00	\$0.00	
79	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83											
84	13.0 Landscape improvements (Curb Appeal)						\$96,412.50		\$0.00	\$0.00	
85	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
86					\$0.00	128.55%	\$0.00				
87					\$0.00	128.55%	\$0.00				
88					\$0.00	128.55%	\$0.00				

\$5,999,193.00 \$5,999,193.00
\$8,687,928.73 \$8,687,928.73

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Gallimore Elementary School

Revised from 8/21/2019 Meeting

Building Size 45,000 SF
Year Built 1956
Additions
Address 8375 N. Sheldon Rd
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$312,762.15	\$0.00	\$0.00	
2	Construct Dumpster Enclosure	1	ALLOW	\$30,000.00	\$30,000.00	128.55%	\$38,565.00				
3	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
4	Asphalt Pavement Replacement	8,400	SF	\$6.50	\$54,600.00	128.55%	\$70,188.30				
5	Asphalt Pavement Replacement	32,600	SF	\$2.75	\$89,650.00	128.55%	\$115,245.08				
6	Asphalt Patch & Sealcoat	37,000	SF	\$0.65	\$24,050.00	128.55%	\$30,916.28				
7	Undercut Allowance	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00				
8	Drainage Improvements	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
9					\$0.00	128.55%	\$0.00				
10	2.0 Building Envelope							\$56,562.00	\$0.00	\$0.00	
11	Replace Front Entry Doors & Framing	1	LS	\$12,500.00	\$12,500.00	128.55%	\$16,068.75				
12	New Roof Ladder & Hatch	1	ALLOW	\$6,500.00	\$6,500.00	128.55%	\$8,355.75				
13	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
14					\$0.00	128.55%	\$0.00				
15	3.0 Interior/Finishes							\$1,652,831.63	\$0.00	\$0.00	
16	Toilet Room Upgrades										
17	Staff Toilet Rooms	4	EA	\$20,000.00	\$80,000.00	128.55%	\$102,840.00				
18	Classroom Toilet Rooms	18	EA	\$20,000.00	\$360,000.00	128.55%	\$462,780.00				
19	Remodel/Expand Kitchen Serving Line	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00				
20	Rebuild Corridor Walls (E-W Corridor)	4,950	SF	\$85.00	\$420,750.00	128.55%	\$540,874.13				
21	Partial Carpet Replacement (50%)	22,500	SF	\$8.00	\$180,000.00	128.55%	\$231,390.00				
22	Ceiling Tile Replacements (Partial)	20,000	SF	\$2.25	\$45,000.00	128.55%	\$57,847.50				
23					\$0.00	128.55%	\$0.00				
24	4.0 Plumbing Systems							\$44,992.50	\$0.00	\$0.00	
25	Replace Hot Water Heater	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50				
26					\$0.00	128.55%	\$0.00				
27	5.0 HVAC Systems							\$449,925.00	\$0.00	\$0.00	
28	Replace Boilers	1	ALLOW	\$275,000.00	\$275,000.00	128.55%	\$353,512.50				
29	Replace RTU @ Gym	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
30					\$0.00	128.55%	\$0.00				
31					\$0.00	128.55%	\$0.00				
32	6.0 Electrical Systems							\$289,237.50	\$0.00	\$0.00	
33	Install LED Lighting	45,000	SF	\$5.00	\$225,000.00	128.55%	\$289,237.50				
34											
35											
36	Total							\$2,806,310.78	\$0.00	\$0.00	

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Gallimore Elementary School

Revised from 8/21/2019 Meeting

Building Size 45,000 SF
Year Built 1956
Additions
Address 8375 N. Sheldon Rd
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
37	Visioning										
38	7.0 Visioning - Additions						\$2,243,197.50	\$0.00	\$0.00		
39	Gym, Stage & Music	6,000	SF	\$225.00	\$1,350,000.00	128.55%	\$1,735,425.00				
40	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
41	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
42	Playground relocation/hard surface play	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
43	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
44	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
45											
46											
47											
48	8.0 Visioning - Interior Remodeling						\$1,529,745.00	\$0.00	\$0.00		
49					\$0.00	128.55%	\$0.00				
50	Learning Commons & Small Group/Collaboration	4,000	SF	\$85.00	\$340,000.00	128.55%	\$437,070.00				
51	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
52	Remodel Main Office & Support Offices	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
53	Special Education Upgrades	3,500	SF	\$50.00	\$175,000.00	128.55%	\$224,962.50				
54	Remodel old pre-school into classrooms	6,000	SF	\$100.00	\$600,000.00	128.55%	\$771,300.00				
55											
56	9.0 Visioning - Furniture						\$453,420.00	\$0.00	\$0.00		
57	Classroom Furniture	22	EA	\$18,000.00	\$396,000.00	114.50%	\$453,420.00				
58					\$0.00	114.50%	\$0.00				
59					\$0.00	114.50%	\$0.00				
60					\$0.00	114.50%	\$0.00				
61					\$0.00	114.50%	\$0.00				
62					\$0.00	114.50%	\$0.00				
63											
64	10.0 PRE-School Visioning						\$0.00	\$0.00	\$0.00		
65	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68					\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74	11.0 Special Education Visioning						\$0.00	\$0.00	\$0.00		
75	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77					\$0.00	128.55%	\$0.00				
78											
79	12.0 Playground Upgrades						\$289,237.50	\$0.00	\$0.00		
80	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				
84											
85	13.0 Landscape improvements (Curb Appeal)						\$96,412.50	\$0.00	\$0.00		
86	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
87					\$0.00	128.55%	\$0.00				
88					\$0.00	128.55%	\$0.00				
89					\$0.00	128.55%	\$0.00				

\$4,612,012.50
\$7,418,323.28

\$4,612,012.50
\$7,418,323.28

Hoben Elementary School															
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Building Size 53,000 SF</td> </tr> <tr> <td>Year Built 1987</td> </tr> <tr> <td>Additions</td> </tr> <tr> <td>Address 44680 Saltz Road</td> </tr> <tr> <td>Canton, MI 48188</td> </tr> </table>											Building Size 53,000 SF	Year Built 1987	Additions	Address 44680 Saltz Road	Canton, MI 48188
Building Size 53,000 SF															
Year Built 1987															
Additions															
Address 44680 Saltz Road															
Canton, MI 48188															
Revised from 8/21/2019 Meeting															
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks				
									Immediate Need (1-5 years)	Deferred Need (6-10 years)					
1	1.0 Site							\$274,904.18	\$0.00	\$0.00					
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50								
3	Asphalt Pavement Replacement	14,500	SF	\$6.50	\$94,250.00	128.55%	\$121,158.38								
4	Asphalt Patch & Sealcoat	84,000	SF	\$0.65	\$54,600.00	128.55%	\$70,188.30								
5	Undercut Allowance	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00								
6	Drainage Improvements	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00								
7	2.0 Building Envelope							\$1,019,722.88	\$0.00	\$0.00					
8	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50								
9	Roof Replacement	61,460	SF	\$12.50	\$768,250.00	128.55%	\$987,585.38								
10					\$0.00	128.55%	\$0.00								
11					\$0.00	128.55%	\$0.00								
12	3.0 Interior/Finishes							\$940,134.36	\$0.00	\$0.00					
13	Replace folding partition at Stage	1	LS	\$30,000.00	\$30,000.00	128.55%	\$38,565.00								
14	Replace toilet partitions near receiving room	2	TR	\$3,500.00	\$7,000.00	128.55%	\$8,998.50								
15	Classroom Toilet Rooms	18	EA	\$20,000.00	\$360,000.00	128.55%	\$462,780.00								
16	Refinish Gym Wood Floor	3,500	SF	\$5.00	\$17,500.00	128.55%	\$22,496.25								
17	Address Storm Line Issues within building	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00								
18	Replace all VCT (50% of Bldg SF)	26,500	SF	\$5.00	\$132,500.00	128.55%	\$170,328.75								
19	Correct Floor Settling Issues	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50								
20	Replacement of Ceiling Tiles	39,150	SF	\$2.25	\$88,087.50	128.55%	\$113,236.48								
21	Replace Ceiling in Kitchen	5,000	SF	\$4.25	\$21,250.00	128.55%	\$27,316.88								
22					\$0.00	128.55%	\$0.00								
23	4.0 Plumbing Systems							\$50,134.50	\$0.00	\$0.00					
24	Replace Partial Domestic Water Piping (pipe leaks)	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50								
25	Replace Water Closet Fixtures	20	EA	\$1,200.00	\$24,000.00	128.55%	\$30,852.00								
26	5.0 HVAC Systems							\$231,390.00	\$0.00	\$0.00					
27	Replace RTU's @ Med Ctr, Gym & Main Office	1	ALLOW	\$180,000.00	\$180,000.00	128.55%	\$231,390.00								
28					\$0.00	128.55%	\$0.00								
29					\$0.00	128.55%	\$0.00								
30	6.0 Electrical Systems							\$340,657.50	\$0.00	\$0.00					
31	LED lighting throughout	53,000	SF	\$5.00	\$265,000.00	128.55%	\$340,657.50								
32															
33															
34	Total						\$2,856,943.41	\$2,856,943.41	\$0.00	\$0.00					
35	Visioning														
36	7.0 Visioning - Additions							\$1,894,184.25	\$0.00	\$0.00					
37	Gym & Support Space Addition	0	SF	\$225.00	\$0.00	128.55%	\$0.00								
38	Building remodeling	1,000	SF	\$100.00	\$100,000.00	128.55%	\$128,550.00								
39	Classrooms	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75								
40	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00								
41	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50								
42	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00								
43	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool				
44			ALLOW		\$0.00	128.55%	\$0.00								

DRAFT

Hoben Elementary School

Building Size 53,000 SF
Year Built 1987
Additions
Address 44680 Saltz Road
Canton, MI 48188

Revised from 8/21/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
46	8.0 Visioning - Interior Remodeling							\$707,025.00	\$0.00	\$0.00	
47					\$0.00	128.55%	\$0.00				
48	Learning Commons & Small Group/Collaboration	5,000	SF	\$85.00	\$425,000.00	128.55%	\$546,337.50				
49	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
50	Remodel Main Office & Support Offices	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
51	Special Education Upgrades	1,000	SF	\$50.00	\$50,000.00	128.55%	\$64,275.00				
52					\$0.00	128.55%	\$0.00				
53											
54	9.0 Visioning - Furniture							\$474,030.00	\$0.00	\$0.00	
55	Classroom Furniture	23	EA	\$18,000.00	\$414,000.00	114.50%	\$474,030.00				
56					\$0.00	114.50%	\$0.00				
57					\$0.00	114.50%	\$0.00				
58					\$0.00	114.50%	\$0.00				
59											
60	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
61	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64											
65	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
66	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68					\$0.00	128.55%	\$0.00				
69											
70	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
71	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75											
76	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
77	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
78					\$0.00	128.55%	\$0.00				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				

\$ 3,460,889.25 \$ 3,460,889.25
 \$6,317,832.66 \$6,317,832.66

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Hulsing Elementary School

Revised from 8/21/2019 Meeting
Revised from 10/08/2019 Meeting

Building Size 54,000 SF
Year Built 1977
Additions
Address 8055 Fleet Street
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$801,894.90	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	26,600	SF	\$6.50	\$172,900.00	128.55%	\$222,262.95				
4	Asphalt Patch & Sealcoat	66,000	SF	\$0.65	\$42,900.00	128.55%	\$55,147.95				
5	Undercut Allowance	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
6	Parking Lot Addition	18,000	SF	\$8.50	\$153,000.00	128.55%	\$196,681.50				
7	Storm Water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
8	Relocate Playground Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
9					\$0.00	128.55%	\$0.00				
10	2.0 Building Envelope							\$1,242,050.10	\$0.00	\$0.00	
11	Partial Roof Replacement	64,856	SF	\$12.50	\$810,700.00	128.55%	\$1,042,154.85				
12	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
13	Paint Penthouse Panels	3	EA	\$5,500.00	\$16,500.00	128.55%	\$21,210.75				
14	Exterior Door Replacements	19	EA	\$6,000.00	\$114,000.00	128.55%	\$146,547.00				
15					\$0.00	128.55%	\$0.00				
16	3.0 Interior/Finishes							\$447,868.20	\$0.00	\$0.00	
17	Replace toilet partitions	7	TR	\$3,500.00	\$24,500.00	128.55%	\$31,494.75				
18	New Carpet in Corridor/Commons/Media Center	9,500	SF	\$8.00	\$76,000.00	128.55%	\$97,698.00				
19	New Lobby Doors to Gym, Offices, Classrooms	3	SETS	\$8,000.00	\$24,000.00	128.55%	\$30,852.00				
20	Replace Ceiling in Lobby	2,500	SF	\$10.00	\$25,000.00	128.55%	\$32,137.50				
21	Partial Ceiling Tile Replacements	38,000	SF	\$2.25	\$85,500.00	128.55%	\$109,910.25				
22					\$113,400.00	128.55%	\$145,775.70				
23					\$0.00	128.55%	\$0.00				
24	4.0 Plumbing Systems							\$8,355.75	\$0.00	\$0.00	
25	New Floor Sink @ receiving room	1	ALLOW	\$6,500.00	\$6,500.00	128.55%	\$8,355.75				
26					\$0.00	128.55%	\$0.00				
27	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00	
28					\$0.00	128.55%	\$0.00				
29					\$0.00	128.55%	\$0.00				
30	6.0 Electrical Systems							\$347,085.00	\$0.00	\$0.00	
31	LED lighting throughout	54,000	SF	\$5.00	\$270,000.00	128.55%	\$347,085.00				
32											
33											
34	Total						\$2,847,253.95	\$2,847,253.95	\$0.00	\$0.00	

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Hulsing Elementary School

Revised from 8/21/2019 Meeting
Revised from 10/08/2019 Meeting

Building Size 54,000 SF
Year Built 1977
Additions
Address 8055 Fleet Street
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
35	Visioning										
36	7.0 Visioning - Additions						\$4,341,776.25	\$0.00	\$0.00		
37	Main Office/Entry Addition	5,000	SF	\$225.00	\$1,125,000.00	128.55%	\$1,446,187.50				
38	Gym Only	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75				
39	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50				
40	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
41	Remodel old Main Office	1,000	SF	\$100.00	\$100,000.00	128.55%	\$128,550.00				
42	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
43	Playground relocation/hard surface play	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
44	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
45	Furniture & Equipment	2	ALLOW	\$15,000.00	\$30,000.00	128.55%	\$38,565.00				Preschool
46	Main Office Furniture & Equipment	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00				
47	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
48											
49	8.0 Visioning - Interior Remodeling						\$703,811.25	\$0.00	\$0.00		
50					\$0.00	128.55%	\$0.00				
51	Learning Commons & Small Group/Collaboration	4,500	SF	\$85.00	\$382,500.00	128.55%	\$491,703.75				
52	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
53	Special Education Upgrades	1,800	SF	\$50.00	\$90,000.00	128.55%	\$115,695.00				
54					\$0.00	128.55%	\$0.00				
55					\$0.00	128.55%	\$0.00				
56											
57	9.0 Visioning - Furniture						\$494,640.00	\$0.00	\$0.00		
58	Classroom Furniture	24	EA	\$18,000.00	\$432,000.00	114.50%	\$494,640.00				
59					\$0.00	114.50%	\$0.00				
60					\$0.00	114.50%	\$0.00				
61					\$0.00	114.50%	\$0.00				
62											
63	10.0 PRE-School Visioning						\$0.00	\$0.00	\$0.00		
64	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67											
68	11.0 Special Education Visioning						\$0.00	\$0.00	\$0.00		
69	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72											
73	12.0 Playground Upgrades						\$289,237.50	\$0.00	\$0.00		
74	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77					\$0.00	128.55%	\$0.00				
78											
79	13.0 Landscape improvements (Curb Appeal)						\$96,412.50	\$0.00	\$0.00		
80	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				

\$5,925,877.50 \$5,925,877.50
\$8,773,131.45 \$8,773,131.45

Isbister Elementary School													
Revised from 8/21/2019 Meeting			Building Size 39,500 SF		Year Built 1967		Additions		Address 9300 N. Canton Center Rd Plymouth, MI 48170				
			Assessment Areas		Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need Immediate Need (1-5 years) Deferred Need (6-10 years)	Description / Remarks
			1.0 Site \$151,965.38 \$0.00 \$0.00										
			1	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50			
2	Asphalt Pavement Replacement	19,400	SF	\$2.75	\$53,350.00	128.55%	\$68,581.43						
3	Asphalt Patch & Sealcoat	72,100	SF	\$0.65	\$46,865.00	128.55%	\$60,244.96						
4	Undercut Allowance	1	ALLOW	\$3,000.00	\$3,000.00	128.55%	\$3,856.50						
5					\$0.00	128.55%	\$0.00						
6					\$0.00	128.55%	\$0.00						
7													
8	2.0 Building Envelope \$32,137.50 \$0.00 \$0.00												
9	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50						
10					\$0.00	128.55%	\$0.00						
11					\$0.00	128.55%	\$0.00						
12	3.0 Interior/Finishes \$1,366,968.56 \$0.00 \$0.00												
13	Paint Gym Ceiling	3,500	SF	\$1.85	\$6,475.00	128.55%	\$8,323.61						
14	Replace Interior Doors & Hardware	45	EA	\$1,300.00	\$58,500.00	128.55%	\$75,201.75						
15	Classroom Toilet Rooms	18	EA	\$20,000.00	\$360,000.00	128.55%	\$462,780.00						
16	Casework Replacement	24	CR	\$5,000.00	\$120,000.00	128.55%	\$154,260.00						
17	Remove/Rebuild Partitions in Classroom Commons Areas	2,520	SF	\$45.00	\$113,400.00	128.55%	\$145,775.70						
18	Ceiling Tile Replacements (Partial)	20,000	SF	\$2.25	\$45,000.00	128.55%	\$57,847.50						
19	Classroom Coats/Cubbies	24	EA	\$15,000.00	\$360,000.00	128.55%	\$462,780.00				Remove original pivot closet doors. Infill with cubbies		
20					\$0.00	128.55%	\$0.00						
21	4.0 Plumbing Systems \$0.00 \$0.00												
22					\$0.00	128.55%	\$0.00						
23					\$0.00	128.55%	\$0.00						
24	5.0 HVAC Systems \$570,762.00 \$0.00 \$0.00												
25	Replace Cabinet Unit Heaters	8	ea	\$ 5,500.00	\$44,000.00	128.55%	\$56,562.00						
26	Replace Boilers	1	ALLOW	\$ 275,000.00	\$275,000.00	128.55%	\$353,512.50						
27	Replace RTU's @ Gym & Main Office	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50						
28					\$0.00	128.55%	\$0.00						
29					\$0.00	128.55%	\$0.00						
30	6.0 Electrical Systems \$253,886.25 \$0.00 \$0.00												
31	Install LED Lighting	39,500	SF	\$5.00	\$197,500.00	128.55%	\$253,886.25						
32													
33													
34	Total						\$2,375,719.70	\$2,375,719.70	\$0.00	\$0.00			
35	7.0 Visioning - Additions \$3,719,594.25 \$0.00 \$0.00												
36	Gym, Stage & Music	6,000	SF	\$225.00	\$1,350,000.00	128.55%	\$1,735,425.00						
37	Classrooms	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75						
38	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00						
39	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50						
40	Playground relocation/hard surface play	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00						
41	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00						
42	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool		
43	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00						
44													
45													

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Isbister Elementary School

Revised from 8/21/2019 Meeting

Building Size 39,500 SF
Year Built 1967
Additions
Address 9300 N. Canton Center Rd
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
46	8.0 Visioning - Interior Remodeling							\$597,757.50	\$0.00	\$0.00	
47					\$0.00	128.55%	\$0.00				
48	Learning Commons & Small Group/Collaboration	4,000	SF	\$85.00	\$340,000.00	128.55%	\$437,070.00				
49	Furniture & Equipment	1	EA	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
50	Remodel Main Office & Support Offices	0	SF	\$100.00	\$0.00	128.55%	\$0.00				
51	Special Education Upgrades	1,000	SF	\$50.00	\$50,000.00	128.55%	\$64,275.00				
52			ALLOW		\$0.00	128.55%	\$0.00				
53											
54	9.0 Visioning - Furniture							\$432,810.00	\$0.00	\$0.00	
55	Classroom Furniture	21	EA	\$18,000.00	\$378,000.00	114.50%	\$432,810.00				
56					\$0.00	114.50%	\$0.00				
57					\$0.00	114.50%	\$0.00				
58					\$0.00	114.50%	\$0.00				
59											
60	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
61	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64											
65	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
66	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68					\$0.00	128.55%	\$0.00				
69											
70	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
71	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75											
76	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
77	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
78					\$0.00	128.55%	\$0.00				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				

\$ 5,135,811.75 \$ 5,135,811.75
 \$7,511,531.45 \$7,511,531.45

Miller Elementary School															
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>Building Size 47,500 SF</td></tr> <tr><td>Year Built 1971</td></tr> <tr><td>Additions</td></tr> <tr><td>Address 43721 Hanford Rd</td></tr> <tr><td>Canton, MI 48187</td></tr> </table>											Building Size 47,500 SF	Year Built 1971	Additions	Address 43721 Hanford Rd	Canton, MI 48187
Building Size 47,500 SF															
Year Built 1971															
Additions															
Address 43721 Hanford Rd															
Canton, MI 48187															
Revised from 8/21/2019 Meeting															
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks				
									Immediate Need (1-5 years)	Deferred Need (6-10 years)					
1	1.0 Site							\$114,473.78	\$0.00	\$0.00					
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50								
3	Asphalt Patch & Sealcoat	107,000	SF	\$0.65	\$69,550.00	128.55%	\$89,406.53								
4	Undercut Allowance	1	ALLOW	\$4,500.00	\$4,500.00	128.55%	\$5,784.75								
5					\$0.00	128.55%	\$0.00								
6					\$0.00	128.55%	\$0.00								
7	2.0 Building Envelope							\$821,113.13	\$0.00	\$0.00					
8	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50								
9	LED Exterior Building Lighting	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00								
10	Roof Replacement	47,500	SF	\$12.50	\$593,750.00	128.55%	\$763,265.63								
11					\$0.00	128.55%	\$0.00								
12					\$0.00	128.55%	\$0.00								
13	3.0 Interior/Finishes							\$164,415.45	\$0.00	\$0.00					
14	Replace Stair Treads & Nosing's at Stage	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00								
15	Replace Partial Countertops	21	CR	\$900.00	\$18,900.00	128.55%	\$24,295.95								
16	Replace Toilet Partitions	4	TR	\$3,500.00	\$14,000.00	128.55%	\$17,997.00								
17	Remodel Toilet Rooms @ Main Entrance	2	EA	\$20,000.00	\$40,000.00	128.55%	\$51,420.00								
18	Ceiling Tile Replacements (Partial)	20,000	SF	\$2.25	\$45,000.00	128.55%	\$57,847.50								
19					\$0.00	128.55%	\$0.00								
20					\$0.00	128.55%	\$0.00								
21	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00					
22					\$0.00	128.55%	\$0.00								
23					\$0.00	128.55%	\$0.00								
24	5.0 HVAC Systems							\$482,062.50	\$0.00	\$0.00					
25	Replace Chiller Unit	1	ALLOW	\$ 250,000.00	\$250,000.00	128.55%	\$321,375.00								
26	Replace RTU's @ Gym & Main Office	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50								
27					\$0.00	128.55%	\$0.00								
28					\$0.00	128.55%	\$0.00								
29	6.0 Electrical Systems							\$305,306.25	\$0.00	\$0.00					
30	Install LED Lighting	47,500	SF	\$5.00	\$237,500.00	128.55%	\$305,306.25								
31															
32	Total						\$1,887,371.10	\$1,887,371.10	\$0.00	\$0.00					
33	7.0 Visioning - Additions							\$4,799,414.25	\$0.00	\$0.00					
34	7.0 Visioning - Additions							\$4,799,414.25	\$0.00	\$0.00					
35	Main Office/Entry Addition	5,000	SF	\$225.00	\$1,125,000.00	128.55%	\$1,446,187.50								
36	Gym Only	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75								
37	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50								
38	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00								
39	Remodel old Main Office	2,500	SF	\$100.00	\$250,000.00	128.55%	\$321,375.00								
40	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50								
41	Playground relocation/hard surface play	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00								
42	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00								
43	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool				
44	Main Office Furniture & Equipment	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00								
45	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00								
46															

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Miller Elementary School

Building Size 47,500 SF
Year Built 1971
Additions
Address 43721 Hanford Rd
Canton, MI 48187

Revised from 8/21/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
47	8.0 Visioning - Interior Remodeling							\$543,123.75	\$0.00	\$0.00	
48					\$0.00	128.55%	\$0.00				
49	Learning Commons & Small Group/Collaboration	3,500	SF	\$85.00	\$297,500.00	128.55%	\$382,436.25				
50	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
51	Special Education Upgrades	1,000	SF	\$50.00	\$50,000.00	128.55%	\$64,275.00				
52					\$0.00	128.55%	\$0.00				
53					\$0.00	128.55%	\$0.00				
54											
55	9.0 Visioning - Furniture							\$515,250.00	\$0.00	\$0.00	
56	Classroom Furniture	25	EA	\$18,000.00	\$450,000.00	114.50%	\$515,250.00				
57					\$0.00	114.50%	\$0.00				
58					\$0.00	114.50%	\$0.00				
59					\$0.00	114.50%	\$0.00				
60											
61	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
62	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66											
67	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
68	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72											
73	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
74	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77					\$0.00	128.55%	\$0.00				
78											
79	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
80	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				

\$6,243,438.00 \$6,243,438.00
 \$8,130,809.10 \$8,130,809.10

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Smith Elementary School															
<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>Building Size 38,000 SF</td></tr> <tr><td>Year Built 1950</td></tr> <tr><td>Additions</td></tr> <tr><td>Address 1298 McKinley</td></tr> <tr><td>Plymouth, MI 48170</td></tr> </table>											Building Size 38,000 SF	Year Built 1950	Additions	Address 1298 McKinley	Plymouth, MI 48170
Building Size 38,000 SF															
Year Built 1950															
Additions															
Address 1298 McKinley															
Plymouth, MI 48170															
Revised from 8/21/2019 Meeting															
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks				
									Immediate Need (1-5 years)	Deferred Need (6-10 years)					
1	1.0 Site							\$313,160.66	\$0.00	\$0.00					
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50								
3	Asphalt Pavement Replacement	28,100	SF	\$6.50	\$182,650.00	128.55%	\$234,796.58								
4	Asphalt Patch & Sealcoat	34,400	SF	\$0.90	\$30,960.00	128.55%	\$39,799.08								
5	Undercut Allowance	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50								
6					\$0.00	128.55%	\$0.00								
7					\$0.00	128.55%	\$0.00								
8	2.0 Building Envelope							\$530,268.75	\$0.00	\$0.00					
9	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50								
10	Partial Roof Replacement	31,000	SF	\$12.50	\$387,500.00	128.55%	\$498,131.25								
11					\$0.00	128.55%	\$0.00								
12					\$0.00	128.55%	\$0.00								
13	3.0 Interior/Finishes							\$1,141,202.63	\$0.00	\$0.00					
14	Toilet Room Upgrades														
15	Classroom Toilet Rooms	23	EA	\$20,000.00	\$460,000.00	128.55%	\$591,330.00								
16	Staff Toilet Rooms	4	EA	\$20,000.00	\$80,000.00	128.55%	\$102,840.00								
17	Casework Replacements	21	CR	\$5,000.00	\$105,000.00	128.55%	\$134,977.50								
18	Ceiling Tile Replacements (Partial)	19,000	SF	\$2.25	\$42,750.00	128.55%	\$54,955.13								
19	Upgrade/Expand Kitchen	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00								
20					\$0.00	128.55%	\$0.00								
21					\$0.00	128.55%	\$0.00								
22	4.0 Plumbing Systems							\$44,992.50	\$0.00	\$0.00					
23	Replace Water Heater/Boiler	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50								
24	5.0 HVAC Systems							\$514,200.00	\$0.00	\$0.00					
25	Replace Boilers	1	ALLOW	\$275,000.00	\$275,000.00	128.55%	\$353,512.50								
26	Replace RTU's @ Gym & Main Office	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50								
27					\$0.00	128.55%	\$0.00								
28					\$0.00	128.55%	\$0.00								
29	6.0 Electrical Systems							\$244,245.00	\$0.00	\$0.00					
30	Install LED Lighting	38,000	SF	\$5.00	\$190,000.00	128.55%	\$244,245.00								
31															
32															
33	Total						\$2,788,069.53	\$2,788,069.53	\$0.00	\$0.00					
34	Visioning														
35	7.0 Visioning - Additions							\$3,189,325.50	\$0.00	\$0.00					
36	Gym, Stage & Music	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75								
37	Classrooms	4,500	SF	\$225.00	\$1,012,500.00	128.55%	\$1,301,568.75								
38	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00								
39	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50								
40	Relocate playground/hard surface play	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50								
41	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00								
42	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool				
43	Gym Equipment	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00								
44															

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Smith Elementary School																																																																												
<table border="1" style="width: 100%;"> <tr> <td colspan="11">Revised from 8/21/2019 Meeting</td> </tr> <tr> <td colspan="11">Building Size 38,000 SF</td> </tr> <tr> <td colspan="11">Year Built 1950</td> </tr> <tr> <td colspan="11">Additions</td> </tr> <tr> <td colspan="11">Address 1298 McKinley</td> </tr> <tr> <td colspan="11">Plymouth, MI 48170</td> </tr> </table>											Revised from 8/21/2019 Meeting											Building Size 38,000 SF											Year Built 1950											Additions											Address 1298 McKinley											Plymouth, MI 48170										
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									Immediate Need (1-5 years)	Deferred Need (6-10 years)																																																																		
45	8.0 Visioning - Interior Remodeling							\$533,482.50	\$0.00	\$0.00																																																																		
46					\$0.00	128.55%	\$0.00																																																																					
47	Learning Commons & Small Group/Collaboration	4,000	SF	\$85.00	\$340,000.00	128.55%	\$437,070.00																																																																					
48	Furniture & Equipment	1	EA	\$75,000.00	\$75,000.00	128.55%	\$96,412.50																																																																					
49	Remodel Main Office & Support Offices	0	SF	\$100.00	\$0.00	128.55%	\$0.00																																																																					
50	Special Education Upgrades	0	SF	\$50.00	\$0.00	128.55%	\$0.00																																																																					
51					\$0.00	128.55%	\$0.00																																																																					
52																																																																												
53	9.0 Visioning - Furniture							\$432,810.00	\$0.00	\$0.00																																																																		
54	Classroom Furniture	21	EA	\$18,000.00	\$378,000.00	114.50%	\$432,810.00																																																																					
55					\$0.00	114.50%	\$0.00																																																																					
56					\$0.00	114.50%	\$0.00																																																																					
57					\$0.00	114.50%	\$0.00																																																																					
58																																																																												
59	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00																																																																		
60	See Section 7.0 Additions				\$0.00	128.55%	\$0.00																																																																					
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62					\$0.00	128.55%	\$0.00																																																																					
63																																																																												
64	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00																																																																		
65	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00																																																																					
66					\$0.00	128.55%	\$0.00																																																																					
67					\$0.00	128.55%	\$0.00																																																																					
68																																																																												
69	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00																																																																		
70	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50																																																																					
71					\$0.00	128.55%	\$0.00																																																																					
72					\$0.00	128.55%	\$0.00																																																																					
73																																																																												
74	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00																																																																		
75	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50																																																																					
76					\$0.00	128.55%	\$0.00																																																																					
77					\$0.00	128.55%	\$0.00																																																																					
78					\$0.00	128.55%	\$0.00																																																																					
							\$4,541,268.00	\$4,541,268.00																																																																				
							\$7,329,337.53	\$7,329,337.53																																																																				

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Tonda Elementary School											
Revised from 8/21/2019 Meeting											
Building Size 58,000 SF											
Year Built 1993											
Additions											
Address 46501 Warren Rd											
Canton, MI 48187											
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$808,810.89	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	87,800	SF	\$6.50	\$570,700.00	128.55%	\$733,634.85				
4	Asphalt Patch & Sealcoat	44,800	SF	\$0.10	\$4,480.00	128.55%	\$5,759.04				
5	Undercut Allowance	1	ALLOW	\$39,000.00	\$39,000.00	128.55%	\$50,134.50				
6					\$0.00	128.55%	\$0.00				
7					\$0.00	128.55%	\$0.00				
8	2.0 Building Envelope							\$32,137.50	\$0.00	\$0.00	
9	Exterior Caulking / Tuck-pointing / EIFS Restoration	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
10					\$0.00	128.55%	\$0.00				
11					\$0.00	128.55%	\$0.00				
12	3.0 Interior/Finishes							\$409,303.20	\$0.00	\$0.00	
13	New Med Ctr Circulation Desk	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
14	Replace Operable Partition @ Stage	1	ALLOW	\$30,000.00	\$30,000.00	128.55%	\$38,565.00				
15	Replace Classroom Counter-tops	25	CR	\$1,800.00	\$45,000.00	128.55%	\$57,847.50				
16	Replace Island Casework in Classrooms	25	CR	\$3,000.00	\$75,000.00	128.55%	\$96,412.50				
17	Replace Toilet Partitions	4	TR	\$3,500.00	\$14,000.00	128.55%	\$17,997.00				
18	Improve Acoustics in Cafeteria	1	ALLOW	\$12,500.00	\$12,500.00	128.55%	\$16,068.75				
19	Ceiling Tile Replacements (Partial)	46,400	SF	\$2.25	\$104,400.00	128.55%	\$134,206.20				
20	Replace VCT	4,500	SF	\$5.00	\$22,500.00	128.55%	\$28,923.75				
21	4.0 Plumbing Systems							\$0.00	\$0.00		
22					\$0.00	128.55%	\$0.00				
23					\$0.00	128.55%	\$0.00				
24	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00	
25					\$0.00	128.55%	\$0.00				
26					\$0.00	128.55%	\$0.00				
27					\$0.00	128.55%	\$0.00				
28	6.0 Electrical Systems							\$372,795.00	\$0.00	\$0.00	
29	Install LED Lighting	58,000	SF	\$5.00	\$290,000.00	128.55%	\$372,795.00				
30											
31											
32	Total							\$1,623,046.59	\$0.00	\$0.00	
33	Visioning										
34	7.0 Visioning - Additions							\$1,396,053.00	\$0.00	\$0.00	
35	Gym & Support Space Addition	0	SF		\$0.00	128.55%	\$0.00				
36	Classrooms	3,000	SF	\$225.00	\$675,000.00	128.55%	\$867,712.50				
37	Building Connection	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
38	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
39	Playground relocation	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
40	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
41	Furniture & Equipment	2	ALLOW	\$18,000.00	\$36,000.00	128.55%	\$46,278.00				Preschool
42					\$0.00	128.55%	\$0.00				
43											

DRAFT

Tonda Elementary School											
Revised from 8/21/2019 Meeting											
Building Size 58,000 SF											
Year Built 1993											
Additions											
Address 46501 Warren Rd											
Canton, MI 48187											
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
44	8.0 Visioning - Interior Remodeling							\$803,437.50	\$0.00	\$0.00	
45					\$0.00	128.55%	\$0.00				
46	Learning Commons & Small Group/Collaboration	5,000	SF	\$85.00	\$425,000.00	128.55%	\$546,337.50				
47	Furniture & Equipment	1	EA	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
48	Remodel Main Office & Support Offices	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
49	Special Education Upgrades	2,500	SF	\$50.00	\$125,000.00	128.55%	\$160,687.50				
50					\$0.00	128.55%	\$0.00				
51											
52	9.0 Visioning - Furniture							\$515,250.00	\$0.00	\$0.00	
53	Classroom Furniture	25	EA	\$18,000.00	\$450,000.00	114.50%	\$515,250.00				
54					\$0.00	114.50%	\$0.00				
55					\$0.00	114.50%	\$0.00				
56					\$0.00	114.50%	\$0.00				
57					\$0.00	114.50%	\$0.00				
58					\$0.00	114.50%	\$0.00				
59											
60	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
61	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
69	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
77	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
78					\$0.00	128.55%	\$0.00				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				
84	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
85	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
86					\$0.00	128.55%	\$0.00				
87					\$0.00	128.55%	\$0.00				
88					\$0.00	128.55%	\$0.00				
89					\$0.00	128.55%	\$0.00				
90					\$0.00	128.55%	\$0.00				

\$3,100,390.50
 \$4,723,437.09

\$3,100,390.50
 \$4,723,437.09

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Workman Elementary School

Revised from 8/21/2019 Meeting

Building Size 72,000 SF
Year Built 2006
Additions
Address 250 Denton Rd
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$310,088.31	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	20,200	SF	\$6.50	\$131,300.00	128.55%	\$168,786.15				
4	Asphalt Patch & Sealcoat	99,900	SF	\$0.80	\$79,920.00	128.55%	\$102,737.16				
5	Undercut Allowance	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
6					\$0.00	128.55%	\$0.00				
7					\$0.00	128.55%	\$0.00				
8	2.0 Building Envelope							\$361,546.88	\$0.00	\$0.00	
9	Partial Roof Replacement	22,500	SF	\$12.50	\$281,250.00	128.55%	\$361,546.88				
10					\$0.00	128.55%	\$0.00				
11					\$0.00	128.55%	\$0.00				
12	3.0 Interior/Finishes							\$119,230.13	\$0.00	\$0.00	
13	Replace Toilet Partitions	4	TR	\$3,500.00	\$14,000.00	128.55%	\$17,997.00				
14	Ceiling Tile Replacements (Partial)	35,000	SF	\$2.25	\$78,750.00	128.55%	\$101,233.13				
15					\$0.00	128.55%	\$0.00				
16					\$0.00	128.55%	\$0.00				
17	4.0 Plumbing Systems							\$44,992.50	\$0.00	\$0.00	
18	Replace Water Heater/Boiler	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50				
19					\$0.00	128.55%	\$0.00				
20	5.0 HVAC Systems							\$752,017.50	\$0.00	\$0.00	
21	Replace Boilers	1	ALLOW	\$275,000.00	\$275,000.00	128.55%	\$353,512.50				
22	Replace Roof Top Equipment	1	ALLOW	\$310,000.00	\$310,000.00	128.55%	\$398,505.00				
23					\$0.00	128.55%	\$0.00				
24					\$0.00	128.55%	\$0.00				
25	6.0 Electrical Systems							\$462,780.00	\$0.00	\$0.00	
26	Install LED Lighting	72,000	SF	\$5.00	\$360,000.00	128.55%	\$462,780.00				
27											
28											
29	Total						\$2,050,655.31	\$2,050,655.31	\$0.00	\$0.00	
30	Visioning										
31	7.0 Visioning - Additions							\$482,063.79	\$0.00	\$0.00	
32	Gym & Support Space Addition	0	SF	\$0.00	\$0.00	128.55%	\$0.00				
33	Classrooms	0	SF	\$225.00	\$0.00	128.55%	\$0.00				
34	Building Connection	0	ALLOW	\$50,000.00	\$0.00	128.55%	\$0.00				
35	Preschool Playground	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
36	Relocate playground/hard surface play	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
37	Storm water Management	1	ALLOW	\$150,000.00	\$100,000.00	128.55%	\$128,550.00				
38	Furniture & Equipment	2	ALLOW	\$18,000.00	\$100,001.00	128.55%	\$128,551.29				Preschool
39			ALLOW		\$0.00	128.55%	\$0.00				

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Workman Elementary School

Revised from 8/21/2019 Meeting

Building Size 72,000 SF
Year Built 2006
Additions
Address 250 Denton Rd
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
41	8.0 Visioning - Interior Remodeling							\$829,147.50	\$0.00	\$0.00	
42					\$0.00	128.55%	\$0.00				
43	Learning Commons & Small Group/Collaboration	4,500	SF	\$85.00	\$382,500.00	128.55%	\$491,703.75				
44	Furniture & Equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
45	Remodel Main Office & Support Offices	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
46	Special Education Upgrades	2,500	SF	\$75.00	\$187,500.00	128.55%	\$241,031.25				
47					\$0.00	128.55%	\$0.00				
48											
49	9.0 Visioning - Furniture							\$618,300.00	\$0.00	\$0.00	
50	Classroom Furniture	30	EA	\$18,000.00	\$540,000.00	114.50%	\$618,300.00				
51					\$0.00	114.50%	\$0.00				
52					\$0.00	114.50%	\$0.00				
53					\$0.00	114.50%	\$0.00				
54											
55	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
56	See Section 7.0 Additions				\$0.00	128.55%	\$0.00				
57					\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59											
60	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
61	See Section 8.0 Interior Remodeling				\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66											
67	12.0 Playground Upgrades							\$289,237.50	\$0.00	\$0.00	
68	Play structure	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71											
72	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
73	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				

\$2,315,161.29 \$2,315,161.29
\$4,365,816.60 \$4,365,816.60

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Discovery Middle School

Building Size 128,000 SF
Year Built 2000
Additions
Address 45083 Hanford
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks	
									Immediate Need (1-5 years)	Deferred Need (6-10 years)		
1.0 Site									\$514,264.28	\$0.00	\$0.00	
2	Downspout Under drainage System Replacement	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00					
3	Concrete Sidewalk Replacements	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00					
4	Asphalt Pavement Replacement	33,700	SF	\$6.50	\$219,050.00	128.55%	\$281,588.78					
5	Patch & Sealcoat	107,500	SF	\$0.80	\$86,000.00	128.55%	\$110,553.00					
6	Undercut Allowance	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50					
7					\$0.00	128.55%	\$0.00					
8					\$0.00	128.55%	\$0.00					
9					\$0.00	128.55%	\$0.00					
2.0 Building Envelope									\$388,863.75	\$0.00	\$0.00	
11	Exterior Caulking / Tuck-pointing	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00					
12	Partial Roof Replacement	21,000	SF	\$12.50	\$262,500.00	128.55%	\$337,443.75					
13												
14												
3.0 Interior/Finishes									\$478,848.75	\$0.00	\$0.00	
16	Carpet Replacement (Med Ctr, Offices, Comp Rms)	20,000	SF	\$8.00	\$160,000.00	128.55%	\$205,680.00					
17	Laminate Replacement @ Med Ctr Bookshelves	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00					
18	Ceiling Tile Replacements (Partial)	50,000	SF	\$2.25	\$112,500.00	128.55%	\$144,618.75					
19	Life Skill Upgrades	1,200	SF	\$75.00	\$90,000.00	128.55%	\$115,695.00				Casework replacement	
20												
4.0 Plumbing Systems									\$96,412.50	\$0.00		
22	Replace Water Heater/Boiler	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50					
23					\$0.00	128.55%	\$0.00					
5.0 HVAC Systems									\$803,437.50	\$0.00	\$0.00	
25	Replace Boilers	1	ALLOW	\$ 375,000.00	\$375,000.00	128.55%	\$482,062.50					
26	Upgrade interior AHU's	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00					
27					\$0.00	128.55%	\$0.00					
28					\$0.00	128.55%	\$0.00					
6.0 Electrical Systems									\$822,720.00	\$0.00	\$0.00	
30	Install LED Lighting	128,000	SF	\$5.00	\$640,000.00	128.55%	\$822,720.00					
31												
32												
33	Total						\$3,104,546.78	\$3,104,546.78	\$0.00	\$0.00		
34	Visioning											
7.0 Visioning - Additions									\$0.00	\$0.00	\$0.00	
36					\$0.00	128.55%	\$0.00					
37					\$0.00	128.55%	\$0.00					
38					\$0.00	128.55%	\$0.00					
39					\$0.00	128.55%	\$0.00					
40					\$0.00	128.55%	\$0.00					

41

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Discovery Middle School

Building Size 128,000 SF
Year Built 2000
Additions
Address 45083 Hanford
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
42	8.0 Visioning - Interior Remodeling							\$797,010.00	\$0.00	\$0.00	
43	Small Group/Collaboration	0	SF	\$80.00	\$0.00	128.55%	\$0.00				
44	Learning Commons	5,000	SF	\$80.00	\$400,000.00	128.55%	\$514,200.00				
45	Furniture & Equipment - Small Group	0	ALLOW	\$15,000.00	\$0.00	128.55%	\$0.00				
46	Furniture & Equipment - Media Center	1	ALLOW	\$120,000.00	\$120,000.00	128.55%	\$154,260.00				
47	Special Education Upgrades	2,000	SF	\$50.00	\$100,000.00	128.55%	\$128,550.00				
48					\$0.00	128.55%	\$0.00				
49											
50	9.0 Visioning - Furniture							\$961,800.00	\$0.00	\$0.00	
51	Classroom Furniture	42	EA	\$20,000.00	\$840,000.00	114.50%	\$961,800.00				
52					\$0.00	114.50%	\$0.00				
53					\$0.00	114.50%	\$0.00				
54					\$0.00	114.50%	\$0.00				
55											
56	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
57					\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59					\$0.00	128.55%	\$0.00				
60											
61											
62	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66											
67	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
68					\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71											
72	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
73	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				

\$1,855,222.50
\$4,959,769.28

\$1,855,222.50
\$4,959,769.28

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

East Middle School

Building Size 98,000 SF

Year Built 1956

Additions

Address 1042 S. Mill Street

Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$1,150,548.21	\$0.00	\$0.00	
2	Landscaping Upgrades within Courtyards	6	EA	\$15,000.00	\$90,000.00	128.55%	\$115,695.00				
3	Concrete Sidewalk Replacements	1	ALLOW	\$20,000.00		128.55%	\$0.00				
4	Asphalt Pavement Replacement	111,300	SF	\$6.50	\$723,450.00	128.55%	\$929,994.98				
5	Patch & Sealcoat	33,300	SF	\$0.90	\$29,970.00	128.55%	\$38,526.44				
6	Undercut Allowance	1	ALLOW	\$51,600.00	\$51,600.00	128.55%	\$66,331.80				
7					\$0.00	128.55%	\$0.00				
8					\$0.00	128.55%	\$0.00				
9	2.0 Building Envelope							\$51,420.00	\$0.00	\$0.00	
10	Exterior Caulking / Tuck-pointing	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00				
11					\$0.00	128.55%	\$0.00				
12					\$0.00	128.55%	\$0.00				
13	3.0 Interior/Finishes							\$1,523,703.15	\$0.00	\$0.00	
14	Replace Ceiling in Classrooms	30,000	SF	\$7.50	\$225,000.00	128.55%	\$289,237.50				75% of Classrooms - includes electrical relocation work of conduits,
15	Replace Motorized backboards in gym	2	EA	\$10,000.00	\$20,000.00	128.55%	\$25,710.00				
16	Replace Toilet Partitions	4	TR	\$3,500.00	\$14,000.00	128.55%	\$17,997.00				
17	Replace Music Room Storage Casework	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50				
18	Replace VCT in Cafeteria	3,800	SF	\$8.50	\$32,300.00	128.55%	\$41,521.65				
19	Partial Casework Replacements	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
20	Upgrade ceiling in Cafeteria	3,800	SF	\$5.00	\$19,000.00	128.55%	\$24,424.50				
21	Upgrade Kitchen	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
22	Locker Room Renovations	2	ALLOW	\$75,000.00	\$150,000.00	128.55%	\$192,825.00				lockers, benches, painting
23	Life Skills Remodeling	1,000	SF	\$125.00	\$125,000.00	128.55%	\$160,687.50				
24	Band & Vocal Music Remodeling	2,500	SF	\$100.00	\$250,000.00	128.55%	\$321,375.00				
25	Furniture - Band & Vocal Music	2	EA	\$20,000.00	\$40,000.00	128.55%	\$51,420.00				
26	Gym Equipment	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00				BB Backstops, divider curtain
27	4.0 Plumbing Systems							\$8,355.75	\$0.00	\$0.00	
28	Replace Floor Sink in Receiving Room	1	EA	\$6,500.00	\$6,500.00	128.55%	\$8,355.75				
29					\$0.00	128.55%	\$0.00				
30					\$0.00	128.55%	\$0.00				
31					\$0.00	128.55%	\$0.00				
32	5.0 HVAC Systems							\$867,712.50	\$0.00	\$0.00	
33	Media Ctr & Cafeteria RTU Replacements	1	ALLOW	\$300,000.00	\$300,000.00	128.55%	\$385,650.00				
34	Replace Boilers	1	ALLOW	\$375,000.00	\$375,000.00	128.55%	\$482,062.50				
35					\$0.00	128.55%	\$0.00				
36					\$0.00	128.55%	\$0.00				
37	6.0 Electrical Systems							\$629,895.00	\$0.00	\$0.00	
38	Install LED Lighting	98,000	SF	\$5.00	\$490,000.00	128.55%	\$629,895.00				
39											
40											
41	Total							\$4,231,634.61	\$0.00	\$0.00	

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

East Middle School

Building Size 98,000 SF

Year Built 1956

Additions

Address 1042 S. Mill Street

Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
42	Visioning										
43	7.0 Visioning - Additions							\$2,185,350.00	\$0.00	\$0.00	
44	Gym & Support Space Addition	0	SF	\$0.00	\$0.00	128.55%	\$0.00				
45	Main Office Addition	6,000	SF	\$225.00	\$1,350,000.00	128.55%	\$1,735,425.00				
46	Building Connection	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00				
47	Parking & Drive Expansion		SF		\$0.00	128.55%	\$0.00				
48	Site restoration	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
49	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
50	Furniture & Equipment - Main Office	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
51			SF	\$225.00	\$0.00	128.55%	\$0.00				
52											
53	8.0 Visioning - Interior Remodeling							\$690,313.50	\$0.00	\$0.00	
54	Small Group/Collaboration	0	SF	\$150.00	\$0.00	128.55%	\$0.00				
55	Learning Commons	4,200	SF	\$85.00	\$357,000.00	128.55%	\$458,923.50				
56	Furniture & Equipment - Learning Commons	1	ALLOW	\$120,000.00	\$120,000.00	128.55%	\$154,260.00				
57	Furniture & Equipment - Small Group/Collaboration	0	EA	\$10,000.00	\$0.00	128.55%	\$0.00				
58	Special Education Upgrades	1,200	SF	\$50.00	\$60,000.00	128.55%	\$77,130.00				
59					\$0.00	128.55%	\$0.00				
60											
61	9.0 Visioning - Furniture							\$687,000.00	\$0.00	\$0.00	
62	Classroom Furniture	30	EA	\$20,000.00	\$600,000.00	114.50%	\$687,000.00				
63					\$0.00	114.50%	\$0.00				
64					\$0.00	114.50%	\$0.00				
65					\$0.00	114.50%	\$0.00				
66											
67	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
68					\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71											
72	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76											
77	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
78					\$0.00	128.55%	\$0.00				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				
81											
82	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
83	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
84					\$0.00	128.55%	\$0.00				
85					\$0.00	128.55%	\$0.00				
86					\$0.00	128.55%	\$0.00				

\$3,659,076.00 \$3,659,076.00
\$7,890,710.61 \$7,890,710.61

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Liberty Middle School

Revised from 8/21/2019 Meeting

Building Size 134,000 SF
Year Built 2015
Additions
Address 46250 Cherry Hill Rd
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$63,776.87	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$5,000.00	\$5,000.00	128.55%	\$6,427.50				
3	Asphalt Patch & Sealcoat	178,450	SF	\$0.25	\$44,612.50	128.55%	\$57,349.37				
4					\$0.00	128.55%	\$0.00				
5	2.0 Building Envelope							\$0.00	\$0.00	\$0.00	
6											
7					\$0.00	128.55%	\$0.00				
8	3.0 Interior/Finishes							\$0.00	\$0.00	\$0.00	
9											
10					\$0.00	128.55%	\$0.00				
11					\$0.00	128.55%	\$0.00				
12	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00	
13					\$0.00	128.55%	\$0.00				
14					\$0.00	128.55%	\$0.00				
15	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00	
16					\$0.00	128.55%	\$0.00				
17					\$0.00	128.55%	\$0.00				
18					\$0.00	128.55%	\$0.00				
19					\$0.00	128.55%	\$0.00				
20	6.0 Electrical Systems							\$0.00	\$0.00	\$0.00	
21											
22					\$0.00	128.55%	\$0.00				
23	Total						\$63,776.87	\$63,776.87	\$0.00	\$0.00	
24	Visioning										
25	7.0 Visioning - Additions							\$0.00	\$0.00	\$0.00	
26	New MS Pool	0	SF	\$400.00	\$0.00	128.55%	\$0.00				
27	Building Attachment	0	ALLOW	\$150,000.00	\$0.00	128.55%	\$0.00				
28	Equipment	0	ALLOW	\$20,000.00	\$0.00	128.55%	\$0.00				
29	Site improvements	0	ALLOW	\$50,000.00	\$0.00	128.55%	\$0.00				
30											
31	8.0 Visioning - Interior Remodeling							\$25,710.00	\$0.00	\$0.00	
32	Small Group/Collaboration	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
33	Learning Commons	0	SF	\$0.00	\$0.00	128.55%	\$0.00				
34	Furniture & Equipment	2	ALLOW	\$10,000.00	\$20,000.00	128.55%	\$25,710.00				
35	Special Education Upgrades	0	SF	\$50.00	\$0.00	128.55%	\$0.00				
36					\$0.00	128.55%	\$0.00				
37					\$0.00	128.55%	\$0.00				
38											
39	9.0 Visioning - Furniture							\$0.00	\$0.00	\$0.00	
40					\$0.00	114.50%	\$0.00				
41					\$0.00	114.50%	\$0.00				
42					\$0.00	114.50%	\$0.00				
43											

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Liberty Middle School

Revised from 8/21/2019 Meeting

Building Size 134,000 SF
Year Built 2015
Additions
Address 46250 Cherry Hill Rd
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
44	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
45					\$0.00	128.55%	\$0.00				
46					\$0.00	128.55%	\$0.00				
47					\$0.00	128.55%	\$0.00				
48					\$0.00	128.55%	\$0.00				
49											
50	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
51					\$0.00	128.55%	\$0.00				
52					\$0.00	128.55%	\$0.00				
53					\$0.00	128.55%	\$0.00				
54											
55	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
56					\$0.00	128.55%	\$0.00				
57					\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59											
60	13.0 Landscape improvements (Curb Appeal)							\$0.00	\$0.00	\$0.00	
61	Landscape	0	ALLOW	\$75,000.00	\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				

\$ 25,710.00 \$ 25,710.00
\$89,486.87 \$89,486.87

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Pioneer Middle School	
Building Size 100,000 SF	
Year Built 1967	
Additions	
Address 46081 Ann Arbor Rd	
Plymouth, MI 48170	

Revised from 8/21/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks	
									Immediate Need (1-5 years)	Deferred Need (6-10 years)		
1.0 Site									\$778,511.66	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00					
3	Asphalt Pavement Replacement	81,300	SF	\$6.50	\$528,450.00	128.55%	\$679,322.48					
4	Asphalt Patch & Sealcoat	26,400	SF	\$0.65	\$17,160.00	128.55%	\$22,059.18					
5	Undercut Allowance	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00					
6					\$0.00	128.55%	\$0.00					
7					\$0.00	128.55%	\$0.00					
2.0 Building Envelope									\$1,464,827.25	\$0.00	\$0.00	
9	Replace Front Canopy Gutters/ Downspouts	400	LF	\$5.00	\$2,000.00	128.55%	\$2,571.00					
10	Replace Roofing	91,000	SF	\$12.50	\$1,137,500.00	128.55%	\$1,462,256.25					
11					\$0.00	128.55%	\$0.00					
3.0 Interior/Finishes									\$2,084,436.64	\$0.00	\$0.00	
13	Repair Terrazzo Flooring @ Building Entries	15	LOC	\$7,500.00	\$112,500.00	128.55%	\$144,618.75					
14	Repair Quarry tile at lobby/media center	1,000	SF	\$25.00	\$25,000.00	128.55%	\$32,137.50					
15	Partial Casework Replacement	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50					
16	Replace Visual Display Boards	34	CR	\$1,800.00	\$61,200.00	128.55%	\$78,672.60					
17	Replace Toilet Partitions	8	TR	\$3,500.00	\$28,000.00	128.55%	\$35,994.00					
18	Replace Locker Room Lockers	2	EA	\$75,000.00	\$150,000.00	128.55%	\$192,825.00					
19	Remodel Main Offices	4,000	SF	\$150.00	\$600,000.00	128.55%	\$771,300.00					
20	Replace Cafeteria VCT	3,800	SF	\$8.50	\$32,300.00	128.55%	\$41,521.65					
21	Replace Stage Partitions	2	EA	\$30,000.00	\$60,000.00	128.55%	\$77,130.00					
22	Expand/Upgrade Kitchen	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00					
23	Ceiling Tile Replacements (Partial)	49,999	SF	\$1.25	\$62,498.75	128.55%	\$80,342.14					
24	Remodel Life Skills	1,000	SF	\$125.00	\$125,000.00	128.55%	\$160,687.50					
25	Remodel Vocal Music	1,200	SF	\$75.00	\$90,000.00	128.55%	\$115,695.00					
4.0 Plumbing Systems									\$96,412.50	\$0.00	\$0.00	
27	Replace Water Heater/Boiler	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50					
28					\$0.00	128.55%	\$0.00					
5.0 HVAC Systems									\$363,153.75	\$0.00	\$0.00	
30	Replace Cabinet Unit Heaters (Ceiling Mounted)	15	EA	\$ 5,500.00	\$82,500.00	128.55%	\$106,053.75					
31	Replace Med Ctr & Café RTU's	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00					
32					\$0.00	128.55%	\$0.00					
33					\$0.00	128.55%	\$0.00					
6.0 Electrical Systems									\$584,902.50	\$0.00	\$0.00	
35	Install LED Lighting	91,000	SF	\$5.00	\$455,000.00	128.55%	\$584,902.50					
36					\$0.00	128.55%	\$0.00					
37					\$0.00	128.55%	\$0.00					
38	Total						\$5,372,244.30	\$5,372,244.30	\$0.00	\$0.00		

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Pioneer Middle School	
Building Size	100,000 SF
Year Built	1967
Additions	
Address	46081 Ann Arbor Rd
	Plymouth, MI 48170

Revised from 8/21/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
39	Visioning										
40	7.0 Visioning - Additions							\$2,198,205.00	\$0.00	\$0.00	
41	Main Office Addition	4,000	SF	\$250.00	\$1,000,000.00	128.55%	\$1,285,500.00				
42	Main Office Remodeling / Secure Entries	2,000	SF	\$125.00	\$250,000.00	128.55%	\$321,375.00				
43	Building Connection	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00				
44	Parking & Drive Expansion	0	SF	\$0.00	\$0.00	128.55%	\$0.00				
45	Storm water Management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
46	Furniture & Equipment - Main Office	1	ALLOW	\$60,000.00	\$60,000.00	128.55%	\$77,130.00				
47	New canopies at bus and visitor entrances	2	ALLOW	\$75,000.00	\$150,000.00	128.55%	\$192,825.00				
48					\$0.00	128.55%	\$0.00				
49											
50	8.0 Visioning - Interior Remodeling							\$1,128,026.25	\$0.00	\$0.00	
51	Small Group/Collaboration	0	SF	\$125.00	\$0.00	128.55%	\$0.00				
52	Learning Commons	4,500	SF	\$85.00	\$382,500.00	128.55%	\$491,703.75				
53	Furniture & Equipment - Small Group/Collaboration	0	ALLOW	\$10,000.00	\$0.00	128.55%	\$0.00				
54	Furniture & Equipment - Learning Commons	1	ALLOW	\$120,000.00	\$120,000.00	128.55%	\$154,260.00				
55	Remodel old Main Office into (2) Classrooms and Storage	2,200	SF	\$125.00	\$275,000.00	128.55%	\$353,512.50				
56	Special Education Upgrades	2,000	SF	\$50.00	\$100,000.00	128.55%	\$128,550.00				
57											
58	9.0 Visioning - Furniture							\$778,600.00	\$0.00	\$0.00	
59	Classroom Furniture	34	EA	\$20,000.00	\$680,000.00	114.50%	\$778,600.00				
60					\$0.00	114.50%	\$0.00				
61					\$0.00	114.50%	\$0.00				
62					\$0.00	114.50%	\$0.00				
63											
64	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67											
68	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72											
73	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77											
78	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
79	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				
82											
83	14.0 Visioning - Athletics - New Track & Field							\$1,876,830	\$0.00	\$0.00	
84	New track	1	ALLOW	\$500,000.00	\$500,000.00	128.55%	\$642,750.00				\$1,900,000 Budget for the New Track and Field
85	New natural turf football field	1	ALLOW	\$350,000.00	\$350,000.00	128.55%	\$449,925.00				With sprinkler system
86	New parking	40,000	SF	\$6.50	\$260,000.00	128.55%	\$334,230.00				125 car parking lot
87	Storm water management	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00				
88	Equipment	1	ALLOW	\$50,000.00	\$100,000.00	128.55%	\$128,550.00				
89						128.55%	\$0.00				

6078073.75 6078073.75
\$11,450,318.05 \$11,450,318.05

DRAFT

West Middle School

Building Size 112,000 SF
Year Built 1961
Additions
Address 44401 W. Ann Arbor Trail
Plymouth, MI 48170

Revised from 8/21/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$456,043.98	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
3	Asphalt Pavement Replacement	21,400	SF	\$6.50	\$139,100.00	128.55%	\$178,813.05				
4	Asphalt Pavement Replacement	64,200	SF	\$2.50	\$160,500.00	128.55%	\$206,322.75				
5	Asphalt Patch & Sealcoat	26,400	SF	\$0.65	\$17,160.00	128.55%	\$22,059.18				
6	Undercut Allowance	1	ALLOW	\$18,000.00	\$18,000.00	128.55%	\$23,139.00				
7					\$0.00	128.55%	\$0.00				
8					\$0.00	128.55%	\$0.00				
9	2.0 Building Envelope							\$1,469,567.53	\$0.00	\$0.00	
10	Replace Ext. Door Thresholds & weather stripping	26	DRS	\$500.00	\$13,000.00	128.55%	\$16,711.50				
11	Install Brick along S. Ext Wall of Locker Rooms	2,250	SF	\$40.00	\$90,000.00	128.55%	\$115,695.00				
12	Replace Roofing	83,215	SF	\$12.50	\$1,040,187.50	128.55%	\$1,337,161.03				
13					\$0.00	128.55%	\$0.00				
14					\$0.00	128.55%	\$0.00				
15	3.0 Interior/Finishes							\$2,083,795.50	\$0.00	\$0.00	
16	Replace Metal Panel Ceiling In Classrooms (mech work included)	25,000	SF	\$17.50	\$437,500.00	128.55%	\$562,406.25				
17	Replace base cabinets in Science Rooms	5	RMS	\$12,500.00	\$62,500.00	128.55%	\$80,343.75				
18	Replace casework in Life Skills Rooms	2,000	SF	\$75.00	\$150,000.00	128.55%	\$192,825.00				
19	Replace Toilet Partitions	6	EA	\$3,500.00	\$21,000.00	128.55%	\$26,995.50				
20	Replace Art Room Casework	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
21	Upgrade/Expand Kitchen	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00				
22	Provide operable windows in Med Ctr	1	ALLOW	\$65,000.00	\$65,000.00	128.55%	\$83,557.50				
23	Remodel Locker Rooms	2,400	SF	\$100.00	\$240,000.00	128.55%	\$308,520.00				
24	Upgrade Kitchen	1	ALLOW	\$95,000.00	\$95,000.00	128.55%	\$122,122.50				
25	Ceiling Tile Replacements (Partial)	50,000	SF	\$2.25	\$112,500.00	128.55%	\$144,618.75				
26	Remodel Band & Vocal Music	2,500	SF	\$85.00	\$212,500.00	128.55%	\$273,168.75				
27					\$0.00	128.55%	\$0.00				
28					\$0.00	128.55%	\$0.00				
29					\$0.00	128.55%	\$0.00				
30	4.0 Plumbing Systems							\$96,412.50	\$0.00	\$0.00	
31	Replace Water Heater/Boiler	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
32					\$0.00	128.55%	\$0.00				
33	5.0 HVAC Systems							\$867,712.50	\$0.00	\$0.00	
34	Replace Med Ctr AHU	1	ALLOW	\$ 100,000.00	\$100,000.00	128.55%	\$128,550.00				
35	Replace Boilers	1	ALLOW	\$ 375,000.00	\$375,000.00	128.55%	\$482,062.50				
36	Replace Med Ctr & Café RTU's	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00				
37					\$0.00	128.55%	\$0.00				
38					\$0.00	128.55%	\$0.00				
39	6.0 Electrical Systems							\$719,880.00	\$0.00	\$0.00	
40	Install LED Lighting	112,000	SF	\$5.00	\$560,000.00	128.55%	\$719,880.00				
41					\$0.00	128.55%	\$0.00				
42					\$0.00	128.55%	\$0.00				
43	Total						\$5,693,412.01	\$5,693,412.01	\$0.00	\$0.00	

DRAFT

West Middle School

Revised from 8/21/2019 Meeting

Building Size 112,000 SF
Year Built 1961
Additions
Address 44401 W. Ann Arbor Trail
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
44	Visioning										
45	7.0 Visioning - Additions							\$0.00	\$0.00	\$0.00	
46				\$0.00	\$0.00	128.55%	\$0.00				
47				\$225.00	\$0.00	128.55%	\$0.00				
48				\$50,000.00	\$0.00	128.55%	\$0.00				
49					\$0.00	128.55%	\$0.00				
50				\$250,000.00	\$0.00	128.55%	\$0.00				
51				\$150,000.00	\$0.00	128.55%	\$0.00				
52				\$20,000.00	\$0.00	128.55%	\$0.00				
53					\$0.00	128.55%	\$0.00				
54											
55	8.0 Visioning - Interior Remodeling							\$1,259,790.00	\$0.00	\$0.00	
56	Small Group/Collaboration	0	SF	\$100.00	\$0.00	128.55%	\$0.00				
57	Learning Commons	6,000	SF	\$85.00	\$510,000.00	128.55%	\$655,605.00				
58	Furniture & Equipment - Small Group/Collaboration	0	ALLOW	\$10,000.00	\$0.00	128.55%	\$0.00				
59	Furniture & Equipment - Learning Commons	1	ALLOW	\$120,000.00	\$120,000.00	128.55%	\$154,260.00				
60	Remodel Old Main Office area	2,000	SF	\$125.00	\$250,000.00	128.55%	\$321,375.00				
61	Special Education Upgrades	2,000	SF	\$50.00	\$100,000.00	128.55%	\$128,550.00				
62											
63	9.0 Visioning - Furniture							\$778,600.00	\$0.00	\$0.00	
64	Classroom Furniture	34	EA	\$20,000.00	\$680,000.00	114.50%	\$778,600.00				
65					\$0.00	114.50%	\$0.00				
66					\$0.00	114.50%	\$0.00				
67					\$0.00	114.50%	\$0.00				
68											
69	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72					\$0.00	128.55%	\$0.00				
73											
74	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
75					\$0.00	128.55%	\$0.00				
76					\$0.00	128.55%	\$0.00				
77					\$0.00	128.55%	\$0.00				
78											
79	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83											
84	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
85	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
86					\$0.00	128.55%	\$0.00				
87					\$0.00	128.55%	\$0.00				
88					\$0.00	128.55%	\$0.00				

\$ 2,134,802.50 \$ 2,134,802.50
 \$7,828,214.51 \$7,828,214.51

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Canton High School

Building Size 404,000 SF

Year Built 1970

Additions

Address 8415 Canton Center Road

Canton, MI 48187

Revised from 8/21/2019 Meeting

Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$3,427,348.68	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$75,000.00	\$50,000.00	128.55%	\$64,275.00				
3	Concrete Pavement Replacement	1,500	SF	\$12.00	\$18,000.00	128.55%	\$23,139.00				
4	Asphalt Pavement Replacement	365,000	SF	\$6.50	\$2,372,500.00	128.55%	\$3,049,848.75				
5	Asphalt Patch & Sealcoat	113,200	SF	\$0.05	\$5,660.00	128.55%	\$7,275.93				
6	Undercut Allowance	1	ALLOW	\$135,000.00	\$135,000.00	128.55%	\$173,542.50				
7	Drainage Improvements	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50				
8	Replace pedestrian walkway lights	10	EA	\$5,000.00	\$50,000.00	128.55%	\$64,275.00				East side of building
9					\$0.00	128.55%	\$0.00				
10	2.0 Building Envelope							\$1,213,062.08	\$0.00	\$0.00	
11	Roof Replacement over Preschool Wing	13527	SF	\$12.50	\$169,087.50	128.55%	\$217,361.98				
12	Roofing Replacement	58,765	SF	\$12.50	\$734,562.50	128.55%	\$944,280.09				
13	Exterior Plaster Soffit Replacement/Repair at Entry Doors	2,000	SF	\$20.00	\$40,000.00	128.55%	\$51,420.00				
14					\$0.00	128.55%	\$0.00				
15	3.0 Interior/Finishes							\$5,253,002.93	\$0.00	\$0.00	
16	Remodel Main Offices	6,500	SF	\$125.00	\$812,500.00	128.55%	\$1,044,468.75				
17	Remodel Life Skills Classrooms	2,800	SF	\$100.00	\$280,000.00	128.55%	\$359,940.00				
18	Replace Remaining Interior Doors & Hardware	100	EA	\$1,500.00	\$150,000.00	128.55%	\$192,825.00				
19	Replace HM Doors & Frames at Auto shop Wing	8	EA	\$3,200.00	\$25,600.00	128.55%	\$32,908.80				
20	Repair exterior door thresholds and VCT damage	66	EA	\$125.00	\$8,250.00	128.55%	\$10,605.38				
21	Replace overhead doors at Shop Wing	13	EA	\$20,000.00	\$260,000.00	128.55%	\$334,230.00				
22	Replace Classroom Ceiling Tile	120,000	SF	\$2.25	\$270,000.00	128.55%	\$347,085.00				
23	Repair roof & sump @ W. Stair Tower	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00				
24	Toilet Room Upgrades										
25	Group Toilet Rooms	10	EA	\$40,000.00	\$400,000.00	128.55%	\$514,200.00				
26	Staff Toilets	4	EA	\$20,000.00	\$80,000.00	128.55%	\$102,840.00				
27	Partial Casework Replacements	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00				
28	Painting throughout	375,000	SF	\$1.00	\$375,000.00	128.55%	\$482,062.50				
29	Partial Window Replacements	1	ALLOW	\$225,000.00	\$225,000.00	128.55%	\$289,237.50				
30	Music Room Instrument Storage Cabinets	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
31	Window Treatments @ Corridor Clearstory	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
32	Infill "Pit" area flooring	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00				
33	Waterproofing/Flashing at stairwell repairs	2	EA	\$5,000.00	\$10,000.00	128.55%	\$12,855.00				
34	Little Theater Stage Lighting	1	ALLOW	\$350,000.00	\$350,000.00	128.55%	\$449,925.00				LED lighting, controls, etc.
35	Little Theater Sound System	1	ALLOW	\$175,000.00	\$175,000.00	128.55%	\$224,962.50				
36	Little Theater Stage Curtains	2	ALLOW	\$75,000.00	\$150,000.00	128.55%	\$192,825.00				
37	Little Theater Stage rigging	1	ALLOW	\$30,000.00	\$30,000.00	128.55%	\$38,565.00				Winches, rigging, etc.
38	Little Theater Platform Lift	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
39	Replace gym bleachers	1,500	EA	\$110.00	\$165,000.00	128.55%	\$212,107.50				
40	Add Wrestling Mat Hoist at Gym	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00				
41											
42											

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Canton High School

Building Size 404,000 SF

Year Built 1970

Additions

Address 8415 Canton Center Road

Canton, MI 48187

Revised from 8/21/2019 Meeting

Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
4.0 Plumbing Systems									\$411,360.00	\$0.00	
44	Replace Shower Towers in Locker Rooms	20	EA	\$15,000.00	\$300,000.00	128.55%	\$385,650.00				
45	Elec. Drinking fountains/bottle filler units	10	EA	\$2,000.00	\$20,000.00	128.55%	\$25,710.00				
46					\$0.00	128.55%	\$0.00				
5.0 HVAC Systems									\$0.00	\$0.00	\$0.00
48					\$0.00	128.55%	\$0.00				
49					\$0.00	128.55%	\$0.00				
50					\$0.00	128.55%	\$0.00				
51					\$0.00	128.55%	\$0.00				
6.0 Electrical Systems									\$2,410,312.50	\$0.00	\$0.00
53	Install LED Lighting	375,000	SF	\$5.00	\$1,875,000.00	128.55%	\$2,410,312.50				
54					\$0.00	128.55%	\$0.00				
55					\$0.00	128.55%	\$0.00				
56	Total						\$12,715,086.18	\$12,715,086.18	\$0.00	\$0.00	
7.0 Visioning											
7.0 Visioning - Additions									\$7,037,182.75	\$0.00	\$0.00
59	Aux Gym	10,000	SF	\$225.00	\$2,250,000.00	128.55%	\$2,892,375.00				
60	Expand Weight Room	2,500	SF	\$225.00	\$562,500.00	128.55%	\$723,093.75				
61	Gym Equipment	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
62	Weight room equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
63	Storm water Management	1	ALLOW	\$250,000.00	\$100,000.00	128.55%	\$128,550.00				
64											
65	Activity Center										
66	Sidewalks	2,400	SF	\$7.50	\$18,000.00	128.55%	\$23,139.00				
67	Building Site Prep	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00				
68	Building Tie-in Allowance	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00				
69	New Construction	1,000	SF	\$125.00	\$125,000.00	128.55%	\$160,687.50				
70	High Bay Activity Center	7,000	SF	\$250.00	\$1,750,000.00	128.55%	\$2,249,625.00				
71	Furnishings & Equipment for New Space	1	ALLOW	\$200,000.00	\$200,000.00	114.50%	\$229,000.00				
72	Technology Allowance	1	ALLOW	\$75,000.00	\$75,000.00	112.50%	\$84,375.00				
73											
74											
75											
8.0 Visioning - Interior Remodeling									\$809,865.00	\$0.00	\$0.00
77	Maker Space	0	SF	\$125.00	\$0.00	128.55%	\$0.00				
78		0	SF	\$100.00	\$0.00	128.55%	\$0.00				
79	Learning Commons & Small Group/Collaboration	6,500	SF	\$50.00	\$325,000.00	128.55%	\$417,787.50				
80	Furniture & Equipment - Maker Space	0	ALLOW	\$25,000.00	\$0.00	128.55%	\$0.00				
81	Furniture & Equipment - Small Group/Collaboration	4	ALLOW	\$15,000.00	\$60,000.00	128.55%	\$77,130.00				
82	Furniture & Equipment - Learning Commons	1	ALLOW	\$120,000.00	\$120,000.00	128.55%	\$154,260.00				
83	Special Education Upgrades	2,500	SF	\$50.00	\$125,000.00	128.55%	\$160,687.50				

84

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Canton High School

Building Size 404,000 SF
Year Built 1970
Additions
Address 8415 Canton Center Road
Canton, MI 48187

Revised from 8/21/2019 Meeting
Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
85	9.0 Visioning - Furniture							\$2,061,000.00	\$0.00	\$0.00	
86	Classroom Furniture	90	EA	\$20,000.00	\$1,800,000.00	114.50%	\$2,061,000.00				
87					\$0.00	114.50%	\$0.00				
88					\$0.00	114.50%	\$0.00				
89					\$0.00	114.50%	\$0.00				
91	10.0 PRE-School Visioning							\$700,597.50	\$0.00	\$0.00	
92	Remodel PS Classrooms	4,000	SF	\$100.00	\$400,000.00	128.55%	\$514,200.00				
93	Furniture & Equipment	3	ALLOW	\$15,000.00	\$45,000.00	128.55%	\$57,847.50				
94	Secure Entry Remodeling	500	SF	\$100.00	\$50,000.00	128.55%	\$64,275.00				
95	PS Entry Canopy	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
96					\$0.00	128.55%	\$0.00				
97					\$0.00	128.55%	\$0.00				
99	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
100					\$0.00	128.55%	\$0.00				
101					\$0.00	128.55%	\$0.00				
102					\$0.00	128.55%	\$0.00				
104	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
105					\$0.00	128.55%	\$0.00				
106					\$0.00	128.55%	\$0.00				
107					\$0.00	128.55%	\$0.00				
108					\$0.00	128.55%	\$0.00				
110	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
111	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
112					\$0.00	128.55%	\$0.00				
113					\$0.00	128.55%	\$0.00				
114					\$0.00	128.55%	\$0.00				

\$ 10,705,057.75 \$ 10,705,057.75
\$23,420,143.93 \$23,420,143.93

DRAFT

Plymouth High School												
Revised from 8/21/2019 Meeting Revised from 10/08/2019 Meeting		Building Size 300,000 SF Year Built 2002 Additions Address 8400 Beck Road Canton, MI 48187										
		Assessment Areas								Need		Description / Remarks
		Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Immediate Need (1-5 years)	Deferred Need (6-10 years)		
		Line No.										
1	1.0 Site								\$3,105,510.90	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50					
3	Asphalt Pavement Replacement	305,200	SF	\$6.50	\$1,983,800.00	128.55%	\$2,550,174.90					
4	Undercut Allowance	1	ALLOW	\$165,000.00	\$165,000.00	128.55%	\$212,107.50					
5	Catch Basin Repairs	46	EA	\$2,000.00	\$92,000.00	128.55%	\$118,266.00					
6	Athletic Field Drainage	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00					
7					\$0.00	128.55%	\$0.00					
8	2.0 Building Envelope								\$3,605,827.50	\$0.00	\$0.00	
9	Reroofing	224400	SF	\$12.50	\$2,805,000.00	128.55%	\$3,605,827.50					
10					\$0.00	128.55%	\$0.00					
11					\$0.00	128.55%	\$0.00					
12	3.0 Interior/Finishes								\$774,513.75	\$0.00	\$0.00	
13	Ceiling Tile Replacements (Partial)	50,000	SF	\$2.25	\$112,500.00	128.55%	\$144,618.75					
14	Add Wrestling Mat Hoist at Gym	1	ALLOW	\$40,000.00	\$40,000.00	128.55%	\$51,420.00					
15	Replace Carpet (partial)	25,000	SF	\$8.00	\$200,000.00	128.55%	\$257,100.00					
16	Kitchen / Servery Upgrades	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00					
17					\$0.00	128.55%	\$0.00					
18	4.0 Plumbing Systems								\$15,426.00	\$0.00	\$0.00	
19	Electric Drinking Fountains/Bottle Fillers	10	EA	\$1,200.00	\$12,000.00	128.55%	\$15,426.00					
20					\$0.00	128.55%	\$0.00					
21	5.0 HVAC Systems								\$1,863,975.00	\$0.00	\$0.00	
22	Replace Boilers	1	ALLOW	\$400,000.00	\$400,000.00	128.55%	\$514,200.00					
23	Upgrades to Central Air Handling Equipment	1	ALLOW	\$800,000.00	\$800,000.00	128.55%	\$1,028,400.00					
24	Replace Chiller	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00					
25					\$0.00	128.55%	\$0.00					
26	6.0 Electrical Systems								\$2,088,937.50	\$0.00	\$0.00	
27	Install LED Lighting	325,000	SF	\$5.00	\$1,625,000.00	128.55%	\$2,088,937.50					
28					\$0.00	128.55%	\$0.00					
29					\$0.00	128.55%	\$0.00					
30	Total						\$11,454,190.65	\$11,454,190.65	\$0.00	\$0.00		
31	Visioning											
32	7.0 Visioning - Additions								\$17,964,862.50	\$0.00	\$0.00	
33	Aux Gym	10,000	SF	\$225.00	\$2,250,000.00	128.55%	\$2,892,375.00					
34	Gym Equipment	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00					
35	Band room expansion	5,000	SF	\$235.00	\$1,175,000.00	128.55%	\$1,510,462.50					
36	Storm water Management	1	ALLOW	\$250,000.00	\$100,000.00	128.55%	\$128,550.00					
37												
38	New MS Pool	25,000	SF	\$400.00	\$10,000,000.00	128.55%	\$12,855,000.00					
39	Building Attachment	1	ALLOW	\$300,000.00	\$300,000.00	128.55%	\$385,650.00					
40	Equipment	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00					
41	Site improvements	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00					
42												
43												
44												

DRAFT

Plymouth High School

Building Size 300,000 SF
Year Built 2002
Additions
Address 8400 Beck Road
Canton, MI 48187

Revised from 8/21/2019 Meeting
 Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
45	8.0 Visioning - Interior Remodeling							\$825,291.00	\$0.00	\$0.00	
46	Maker Space	0	SF	\$125.00	\$0.00	128.55%	\$0.00				
47		0	SF	\$100.00	\$0.00	128.55%	\$0.00				
48	Learning Commons & Small Group/Collaboration	6,500	SF	\$50.00	\$325,000.00	128.55%	\$417,787.50				
49	Furniture & Equipment - Maker Space	0	ALLOW	\$25,000.00	\$0.00	128.55%	\$0.00				
50	Furniture & Equipment - Small Group/Collaboration	6	ALLOW	\$12,000.00	\$72,000.00	128.55%	\$92,556.00				
51	Furniture & Equipment - Learning Commons	1	ALLOW	\$120,000.00	\$120,000.00	128.55%	\$154,260.00				
52	Special Education Upgrades	2,500	SF	\$50.00	\$125,000.00	128.55%	\$160,687.50				
53											
54	9.0 Visioning - Furniture							\$1,545,750.00	\$0.00	\$0.00	
55	Classroom Furniture	90	EA	\$15,000.00	\$1,350,000.00	114.50%	\$1,545,750.00				
56					\$0.00	114.50%	\$0.00				
57					\$0.00	114.50%	\$0.00				
58					\$0.00	114.50%	\$0.00				
59											
60	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
61	Secure Entry Remodeling	0	SF	\$100.00	\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65											
66	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
67					\$0.00	128.55%	\$0.00				
68					\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70											
71	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76											
77	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
78	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				

\$ 20,432,316.00 \$ 20,432,316.00
 \$31,886,506.65 \$31,886,506.65

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Salem High School

Building Size 329,000 SF

Year Built 1968

Additions

Address 46181 Joy Road

Canton, MI 48187

Revised from 8/21/2019 Meeting

Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$3,403,123.43	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$75,000.00	\$50,000.00	128.55%	\$64,275.00				
3	Asphalt Pavement Replacement	252,450	SF	\$6.50	\$1,640,925.00	128.55%	\$2,109,409.09				
4	Asphalt Patch & Sealcoat	173,900	SF	\$0.10	\$17,390.00	128.55%	\$22,354.85				
5	Undercut Allowance	1	ALLOW	\$114,000.00	\$114,000.00	128.55%	\$146,547.00				
6	Drainage Improvements	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50				
7	Replace pedestrian walkway lights	14	EA	\$5,000.00	\$70,000.00	128.55%	\$89,985.00				
8	Replace tennis courts	24	EA	\$30,000.00	\$720,000.00	128.55%	\$925,560.00				
9					\$0.00	128.55%	\$0.00				
10	2.0 Building Envelope							\$2,442,450.00	\$0.00	\$0.00	
11	Roofing Replacement	152000	SF	\$12.50	\$1,900,000.00	128.55%	\$2,442,450.00				
12					\$0.00	128.55%	\$0.00				
13					\$0.00	128.55%	\$0.00				
14	3.0 Interior/Finishes							\$5,078,367.75	\$0.00	\$0.00	
15	Painting throughout	308,000	SF	\$1.00	\$308,000.00	128.55%	\$395,934.00				
16	Replace Remaining Interior Doors & Hardware	75	EA	\$1,300.00	\$97,500.00	128.55%	\$125,336.25				
17	Toilet Room Upgrades				\$0.00	128.55%	\$0.00				
18	Group Toilet Rooms	8	EA	\$40,000.00	\$320,000.00	128.55%	\$411,360.00				
19	New Ramp / HC Lift @ Athletic Entry	1	ALLOW	\$55,000.00	\$55,000.00	128.55%	\$70,702.50				
20	Partial Exterior Door Replacements	15	EA	\$4,000.00	\$60,000.00	128.55%	\$77,130.00				
21	Acoustical Work in Music Rooms	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
22	Replace Lockers & Benches in Boy's Locker Room	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
23	Ceramic Tile Upgrades in PE Locker Rooms	3	LR	\$20,000.00	\$60,000.00	128.55%	\$77,130.00				
24	Replace Stair treads in Music Room	1	ALLOW	\$5,000.00	\$5,000.00	128.55%	\$6,427.50				
25	Partial Casework Replacements	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
26	Replace O.H. door @ receiving entrance	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00				
27	Address acoustics within classrooms	100,000	SF	\$5.50	\$550,000.00	128.55%	\$707,025.00				
28	Replace ceilings throughout corridors	75,000	SF	\$4.00	\$300,000.00	128.55%	\$385,650.00				
29	Replace Auditorium Seating	1,000	SEATS	\$150.00	\$150,000.00	128.55%	\$192,825.00				
30	Replace Theater Lighting	1	ALLOW	\$750,000.00	\$750,000.00	128.55%	\$964,125.00				
31	Replace Theater Stage Curtains	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
32	Upgrade Theater Stage Rigging	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
33	Theater Platform Lift	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
34	Upgrade Theater Finishes	12,000	SF	\$30.00	\$360,000.00	128.55%	\$462,780.00				
35	Kitchen / Servery Upgrades	1	ALLOW	\$500,000.00	\$500,000.00	128.55%	\$642,750.00				
36					\$0.00	128.55%	\$0.00				
37					\$0.00	128.55%	\$0.00				
38	4.0 Plumbing Systems							\$411,360.00	\$0.00	\$0.00	
39	Replace Shower Towers in Locker Rooms	20	EA	\$15,000.00	\$300,000.00	128.55%	\$385,650.00				
40	Elec Drinking Fountains/Bottle Fillers	10	EA	\$2,000.00	\$20,000.00	128.55%	\$25,710.00				
41					\$0.00	128.55%	\$0.00				
42	5.0 HVAC Systems							\$1,478,325.00	\$0.00	\$0.00	

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Salem High School

Building Size 329,000 SF

Year Built 1968

Additions

Address 46181 Joy Road

Canton, MI 48187

Revised from 8/21/2019 Meeting

Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
43	Replace Perimeter Fin Tube Heating	1	ALLOW	\$ 100,000.00	\$100,000.00	128.55%	\$128,550.00				
44	Replace AHU's in Book & Clothing bank area	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
45	Replace Chillers	2	EA	\$250,000.00	\$500,000.00	128.55%	\$642,750.00				
46	Replace Boilers	1	ALLOW	\$400,000.00	\$400,000.00	128.55%	\$514,200.00				
47					\$0.00	128.55%	\$0.00				
48					\$0.00	128.55%	\$0.00				
49	6.0 Electrical Systems						\$2,056,800.00	\$0.00	\$0.00		
50	Install LED Lighting	290,000	SF	\$5.00	\$1,450,000.00	128.55%	\$1,863,975.00				
51	Auditorium House Lighting	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
52					\$0.00	128.55%	\$0.00				
53					\$0.00	128.55%	\$0.00				
54	Total						\$14,870,426.18	\$14,870,426.18	\$0.00	\$0.00	
55	Visioning										
56	7.0 Visioning - Additions						\$5,431,238	\$0.00	\$0.00		
57	Aux Gym	10,000	SF	\$225.00	\$2,250,000.00	128.55%	\$2,892,375.00				
58	Expand Weight Room	2,500	SF	\$225.00	\$562,500.00	128.55%	\$723,093.75				
59	Gym Equipment	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
60	Weight room equipment	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
61	Scene Shop Addition	2,500	SF	\$225.00	\$562,500.00	128.55%	\$723,093.75				
62	Dressing Room Addition	2,500	SF	\$250.00	\$625,000.00	128.55%	\$803,437.50				
63	Storm water Management	1	ALLOW	\$250,000.00	\$100,000.00	128.55%	\$128,550.00				
64											
65	8.0 Visioning - Interior Remodeling						\$3,306,306	\$0.00	\$0.00		
66	Maker Space	0	SF	\$125.00	\$0.00	128.55%	\$0.00				
67		0	SF	\$100.00	\$0.00	128.55%	\$0.00				
68	Learning Commons & Small Group/Collaboration	10,000	SF	\$80.00	\$800,000.00	128.55%	\$1,028,400.00				
69	Furniture & Equipment - Maker Space	0	ALLOW	\$25,000.00	\$0.00	128.55%	\$0.00				
70	Furniture & Equipment - Small Group/Collaboration	6	ALLOW	\$12,000.00	\$72,000.00	128.55%	\$92,556.00				
71	Furniture & Equipment - Learning Commons	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
72	Theater Remodeling	12,000	SF	\$125.00	\$1,500,000.00	128.55%	\$1,928,250.00				Coordinate cost with 3.0 Assessment scope of work
73	Special Education Upgrades	2,500	SF	\$50.00	\$125,000.00	128.55%	\$160,687.50				
74											
75	9.0 Visioning - Furniture						\$2,061,000.00	\$0.00	\$0.00		
76	Classroom Furniture	90	EA	\$20,000.00	\$1,800,000.00	114.50%	\$2,061,000.00				
77					\$0.00	114.50%	\$0.00				
78					\$0.00	114.50%	\$0.00				
79					\$0.00	114.50%	\$0.00				
80											

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Salem High School

Building Size 329,000 SF

Year Built 1968

Additions

Address 46181 Joy Road

Canton, MI 48187

Revised from 8/21/2019 Meeting

Revised from 10/08/2019 Meeting

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
81	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
82	Secure Entry Remodeling	0	SF	\$100.00	\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				
84					\$0.00	128.55%	\$0.00				
85					\$0.00	128.55%	\$0.00				
86											
87	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
88					\$0.00	128.55%	\$0.00				
89					\$0.00	128.55%	\$0.00				
90					\$0.00	128.55%	\$0.00				
91											
92	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
93					\$0.00	128.55%	\$0.00				
94					\$0.00	128.55%	\$0.00				
95					\$0.00	128.55%	\$0.00				
96											
97	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
98	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
99					\$0.00	128.55%	\$0.00				
100					\$0.00	128.55%	\$0.00				
101					\$0.00	128.55%	\$0.00				

\$10,894,956.00 \$10,894,956.00
\$25,765,382.18 \$25,765,382.18

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

P-CEP Athletics

Revised from 8/21/2019 Meeting
Revised from 10/08/2019 Meeting

Size 300 Acres
Year Built
Additions
Address 46181 Joy Road
Canton, MI 48187

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	4.0 Visioning - Athletics - New 3rd Stadium							\$7,713,000	\$0.00	\$0.00	
2	New 3rd Stadium	1	ALLOW	\$4,000,000.00	\$4,000,000.00	128.55%	\$5,142,000.00				
3	Tickets, Concessions,	6,000	SF	\$250.00	\$1,500,000.00	128.55%	\$1,928,250.00				
4	Fencing, Entry, walks & site restoration	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
5	Storm water management	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00				
6	Equipment	1	ALLOW	\$75,000.00	\$100,000.00	128.55%	\$128,550.00				
7						128.55%	\$0.00				
9	5.0 Visioning - Athletics - V. Soccer/Canton Baseball/ East Football Concessions							\$3,599,400	\$0.00	\$0.00	
10	New concessions, toilets, team rooms, storage	9,000	SF	\$250.00	\$2,250,000.00	128.55%	\$2,892,375.00				
11	Fencing, Entry, walks & site restoration	1	ALLOW	\$300,000.00	\$300,000.00	128.55%	\$385,650.00				
12	Storm water management	1	ALLOW	\$150,000.00	\$150,000.00	128.55%	\$192,825.00				
13	Food service equipment	1	ALLOW	\$50,000.00	\$100,000.00	128.55%	\$128,550.00				
14						128.55%	\$0.00				
16	6.0 Visioning - Athletics - Campus Wide Upgrades							\$7,359,488	\$0.00	\$0.00	
17	Fencing, Signage, Entries, Landscape	1	ALLOW	\$1,600,000.00	\$1,600,000.00	128.55%	\$2,056,800.00				CMU Piers, Black iron fencing, Stadium Entry arches & walks
18	Multy. Purp. Synthetic Turf Practice Fields	2	ALLOW	\$1,000,000.00	\$2,000,000.00	128.55%	\$2,571,000.00				
	Synthetic Turf Marching Band Field	0	ALLOW	\$1,000,000.00	\$0.00	128.55%	\$0.00				
19	Baseball & Softball infield synthetic turf	6	ALLOW	\$250,000.00	\$1,500,000.00	128.55%	\$1,928,250.00				
20	Storage & Restrooms building at Freshman practice	1,500	SF	\$250.00	\$375,000.00	128.55%	\$482,062.50				
21	Storm water management	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00				
23	7.0 Visioning - Athletics -Canton Softball Concessions							\$835,575	\$0.00	\$0.00	
24	New concessions, storage	2,000	SF	\$250.00	\$500,000.00	128.55%	\$642,750.00				No toilets
25	Storm water management	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00				
26	Food service equipment	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				

\$19,507,462.50 \$19,507,462.50

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Stark weather Academy

Revised from 8/21/2019 Meeting

Building Size 45,000 SF
Year Built 1967
Additions
Address 39750 Joy Road
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$64,275.00	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Patch & Sealcoat	70,000	SF	\$0.50	\$35,000.00	128.55%	\$44,992.50				
4					\$0.00	128.55%	\$0.00				
5	2.0 Building Envelope							\$596,472.00	\$0.00	\$0.00	
6	Roofing Replacement	37120	SF	\$12.50	\$464,000.00	128.55%	\$596,472.00				
7					\$0.00	128.55%	\$0.00				
8					\$0.00	128.55%	\$0.00				
9	3.0 Interior/Finishes							\$743,019.00	\$0.00	\$0.00	
10	Replace Casework	1	ALLOW	\$115,000.00	\$115,000.00	128.55%	\$147,832.50				
11	Replace Partial Interior Doors & Hardware	10	EA	\$1,300.00	\$13,000.00	128.55%	\$16,711.50				
12	Remodel CR toilet Rooms	10	EA	\$20,000.00	\$200,000.00	128.55%	\$257,100.00				
13	Kitchen Upgrades	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00				
14					\$0.00	128.55%	\$0.00				
15	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00	
16					\$0.00	128.55%	\$0.00				
17					\$0.00	128.55%	\$0.00				
18	5.0 HVAC Systems							\$482,062.50	\$0.00	\$0.00	
19	Replace Boilers	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00				
20	Replace RTU's @ Gym & Main Office	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50				
21					\$0.00	128.55%	\$0.00				
22					\$0.00	128.55%	\$0.00				
23	6.0 Electrical Systems							\$289,237.50	\$0.00	\$0.00	
24	Install LED Lighting	45,000	SF	\$5.00	\$225,000.00	128.55%	\$289,237.50				
25					\$0.00	128.55%	\$0.00				
26					\$0.00	128.55%	\$0.00				
27	Total						\$2,175,066.00	\$2,175,066.00	\$0.00	\$0.00	
28	Visioning										
29	7.0 Visioning - Additions							\$3,936,843.75	\$0.00	\$0.00	
30	Aux Gym	10,000	SF	\$225.00	\$2,250,000.00	128.55%	\$2,892,375.00				
31	Locker Rooms	2,500	SF	\$225.00	\$562,500.00	128.55%	\$723,093.75				
32	Gym Equipment	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
33	Site Improvements	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00				
34	Storm water Management	1	ALLOW	\$250,000.00	\$100,000.00	128.55%	\$128,550.00				
35											
36	8.0 Visioning - Interior Remodeling							\$1,425,619.50	\$0.00	\$0.00	
37	Learning Commons & Small Group/Collaboration	3,000	SF	\$80.00	\$240,000.00	128.55%	\$308,520.00				
38	Furniture & Equipment	1	ALLOW	\$120,000.00	\$120,000.00	128.55%	\$154,260.00				
39	Remodel West CR Wing	7,800	SF	\$80.00	\$624,000.00	128.55%	\$802,152.00				
40	Special Education Upgrades	2,500	SF	\$50.00	\$125,000.00	128.55%	\$160,687.50				
41					\$0.00	128.55%	\$0.00				

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Stark weather Academy

Revised from 8/21/2019 Meeting

Building Size 45,000 SF
Year Built 1967
Additions
Address 39750 Joy Road
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
43	9.0 Visioning - Furniture							\$412,200.00	\$0.00	\$0.00	
44	Classroom Furniture	24	EA	\$15,000.00	\$360,000.00	114.50%	\$412,200.00				
45					\$0.00	114.50%	\$0.00				
46					\$0.00	114.50%	\$0.00				
47					\$0.00	114.50%	\$0.00				
48											
49	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
50					\$0.00	128.55%	\$0.00				
51					\$0.00	128.55%	\$0.00				
52					\$0.00	128.55%	\$0.00				
53					\$0.00	128.55%	\$0.00				
54											
55	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
56					\$0.00	128.55%	\$0.00				
57					\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59											
60	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
61					\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65											
66	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
67	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
68					\$0.00	128.55%	\$0.00				
69					\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				

\$ 5,871,075.75 \$ 5,871,075.75
\$8,046,141.75 \$8,046,141.75

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

E.J. McLendon Administration Building

Building Size 20,500 SF
Year Built 1959
Additions
Address 454 S. Harvey
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks	
									Immediate Need (1-5 years)	Deferred Need (6-10 years)		
1.0 Site									\$148,925.18	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00					
3	Asphalt Pavement Replacement	12,500	SF	\$6.50	\$81,250.00	128.55%	\$104,446.88					
4	Asphalt Patch & Sealcoat	19,000	SF	\$0.90	\$17,100.00	128.55%	\$21,982.05					
5	Undercut Allowance	1	ALLOW	\$7,500.00	\$7,500.00	128.55%	\$9,641.25					
6					\$0.00	128.55%	\$0.00					
2.0 Building Envelope									\$217,506.60	\$0.00	\$0.00	
8	Replace Ext. Doors	6	DRS	\$3,200.00	\$19,200.00	128.55%	\$24,681.60					
9	Replace Ext. Windows	3,000	SF	\$50.00	\$150,000.00	128.55%	\$192,825.00					
10					\$0.00	128.55%	\$0.00					
11					\$0.00	128.55%	\$0.00					
3.0 Interior/Finishes									\$322,017.75	\$0.00	\$0.00	
13	Replace countertops & window sills	1	ALLOW	\$45,000.00	\$45,000.00	128.55%	\$57,847.50					
14	Replace Ceiling Tiles	18,500	SF	\$2.25	\$41,625.00	128.55%	\$53,508.94					
15	Replace Window Blinds	18,500	SF	\$0.75	\$13,875.00	128.55%	\$17,836.31					
16	Remodel Toilet Rooms	6	EA	\$25,000.00	\$150,000.00	128.55%	\$192,825.00					
17					\$0.00	128.55%	\$0.00					
4.0 Plumbing Systems									\$0.00	\$0.00		
19					\$0.00	128.55%	\$0.00					
20					\$0.00	128.55%	\$0.00					
5.0 HVAC Systems									\$0.00	\$0.00	\$0.00	
22					\$0.00	128.55%	\$0.00					
23					\$0.00	128.55%	\$0.00					
24					\$0.00	128.55%	\$0.00					
25					\$0.00	128.55%	\$0.00					
6.0 Electrical Systems									\$131,763.75	\$0.00	\$0.00	
27	Install LED Lighting	20,500	SF	\$5.00	\$102,500.00	128.55%	\$131,763.75					
28					\$0.00	128.55%	\$0.00					
29					\$0.00	128.55%	\$0.00					
30	Total						\$820,213.28	\$820,213.28	\$0.00	\$0.00		
7.0 Visioning - Additions									\$0.00	\$0.00	\$0.00	
33					\$0.00	128.55%	\$0.00					
34					\$0.00	128.55%	\$0.00					
35					\$0.00	128.55%	\$0.00					
8.0 Visioning - Interior Remodeling									\$305,306	\$0.00	\$0.00	
38	Remodel Lobby	700	SF	\$125.00	\$87,500.00	128.55%	\$112,481.25					
39	Furniture & Equipment - Lobby Remodeling	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00					
40	Remodel lower level Conference, Storage and Lounge	1,500	SF	\$80.00	\$120,000.00	128.55%	\$154,260.00					
41	Furniture & Equipment - Lower Level	1	ALLOW	\$20,000.00	\$20,000.00	128.55%	\$25,710.00					

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

E.J. McLendon Administration Building

Building Size 20,500 SF
Year Built 1959
Additions
Address 454 S. Harvey
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
43	9.0 Visioning - Furniture							\$0.00	\$0.00	\$0.00	
44					\$0.00	114.50%	\$0.00				
45					\$0.00	114.50%	\$0.00				
46					\$0.00	114.50%	\$0.00				
47					\$0.00	114.50%	\$0.00				
48					\$0.00	114.50%	\$0.00				
49											
50	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
51					\$0.00	128.55%	\$0.00				
52					\$0.00	128.55%	\$0.00				
53					\$0.00	128.55%	\$0.00				
54					\$0.00	128.55%	\$0.00				
55											
56	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
57					\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59					\$0.00	128.55%	\$0.00				
60					\$0.00	128.55%	\$0.00				
61					\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63											
64	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68					\$0.00	128.55%	\$0.00				
69											
70	13.0 Landscape improvements (Curb Appeal)							\$64,275.00	\$0.00	\$0.00	
71	Landscape	1	ALLOW	\$50,000.00	\$50,000.00	128.55%	\$64,275.00				
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				

\$ 369,581.25 \$ 369,581.25
\$ 1,189,794.53 \$ 1,189,794.53

DRAFT

New Maintenance Building

Building Size	9,000 NEW
Year Built	0
Additions	0
Address	Joy Rd. Plymouth, MI 48170

Line No.

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$257,100.00	\$0.00	\$0.00	
2	Site Development	1	ALLOW	\$200,000.00	\$200,000.00	128.55%	\$257,100.00				
3					\$0.00	128.55%	\$0.00				
4					\$0.00	128.55%	\$0.00				
5					\$0.00	128.55%	\$0.00				
6					\$0.00	128.55%	\$0.00				
7	2.0 Building Envelope							\$867,712.50	\$0.00	\$0.00	
8	Pre- Engineered Building	9,000	SF	\$75.00	\$675,000.00	128.55%	\$867,712.50				
9											
10					\$0.00	128.55%	\$0.00				
11	3.0 Interior/Finishes							\$449,925.00	\$0.00	\$0.00	
12	Toilet Rooms	1,000	SF	\$100.00	\$100,000.00	128.55%	\$128,550.00				
13	Office Space	2,500	SF	\$100.00	\$250,000.00	128.55%	\$321,375.00				
14											
15	4.0 Plumbing Systems							\$115,695.00	\$0.00	\$0.00	
16	New Plumbing	9,000	SF	\$10.00	\$90,000.00	128.55%	\$115,695.00				
17											
18	5.0 HVAC Systems							\$231,390.00	\$0.00	\$0.00	
19	New HVAC at trailer	9,000	SF	\$20.00	\$180,000.00	128.55%	\$231,390.00				
20											
21	6.0 Electrical Systems							\$57,847.50	\$0.00	\$0.00	
22	Install LED Lighting	9,000	SF	\$5.00	\$45,000.00	128.55%	\$57,847.50				
23											
24	Total							\$1,979,670.00	\$1,979,670.00	\$0.00	\$0.00
25	7.0 Visioning										
26	7.0 Visioning - Additions							\$0.00	\$0.00	\$0.00	
27					\$0.00	128.55%	\$0.00				
28					\$0.00	128.55%	\$0.00				
29					\$0.00	128.55%	\$0.00				
30					\$0.00	128.55%	\$0.00				
31					\$0.00	128.55%	\$0.00				
32					\$0.00	128.55%	\$0.00				
33					\$0.00	128.55%	\$0.00				
34					\$0.00	128.55%	\$0.00				
35					\$0.00	128.55%	\$0.00				
36	8.0 Visioning - Interior Remodeling							\$0.00	\$0.00	\$0.00	
37					\$0.00	128.55%	\$0.00				
38					\$0.00	128.55%	\$0.00				
39					\$0.00	128.55%	\$0.00				
40					\$0.00	128.55%	\$0.00				
41					\$0.00	128.55%	\$0.00				
42					\$0.00	128.55%	\$0.00				
43					\$0.00	128.55%	\$0.00				
44	9.0 Visioning - Furniture							\$0.00	\$0.00	\$0.00	
45					\$0.00	114.50%	\$0.00				
46					\$0.00	114.50%	\$0.00				
47					\$0.00	114.50%	\$0.00				
48					\$0.00	114.50%	\$0.00				
49					\$0.00	114.50%	\$0.00				
50					\$0.00	114.50%	\$0.00				
51					\$0.00	114.50%	\$0.00				

DRAFT

52	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00
53				\$0.00	128.55%	\$0.00				
54				\$0.00	128.55%	\$0.00				
55				\$0.00	128.55%	\$0.00				
56				\$0.00	128.55%	\$0.00				
57				\$0.00	128.55%	\$0.00				
58				\$0.00	128.55%	\$0.00				
59				\$0.00	128.55%	\$0.00				
60				\$0.00	128.55%	\$0.00				
61	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00
62				\$0.00	128.55%	\$0.00				
63				\$0.00	128.55%	\$0.00				
64				\$0.00	128.55%	\$0.00				
65				\$0.00	128.55%	\$0.00				
66				\$0.00	128.55%	\$0.00				
67				\$0.00	128.55%	\$0.00				
68				\$0.00	128.55%	\$0.00				
69	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00
70				\$0.00	128.55%	\$0.00				
71				\$0.00	128.55%	\$0.00				
72				\$0.00	128.55%	\$0.00				
73				\$0.00	128.55%	\$0.00				
74				\$0.00	128.55%	\$0.00				
75				\$0.00	128.55%	\$0.00				
76				\$0.00	128.55%	\$0.00				
77	13.0 Landscape improvements (Curb Appeal)							\$0.00	\$0.00	\$0.00
78				\$0.00	128.55%	\$0.00				
79				\$0.00	128.55%	\$0.00				
80				\$0.00	128.55%	\$0.00				
81				\$0.00	128.55%	\$0.00				
82				\$0.00	128.55%	\$0.00				
83				\$0.00	128.55%	\$0.00				

0
 \$1,979,670.00 0
 \$1,979,670.00

DRAFT

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks					
									Immediate Need (1-5 years)	Deferred Need (6-10 years)						
Transportation Building																
<table border="1" style="margin: auto;"> <tr><td>Building Size 17,200 SF</td></tr> <tr><td>Year Built ?</td></tr> <tr><td>Additions 1959</td></tr> <tr><td>Address 1024 S. Mill St.</td></tr> <tr><td>Plymouth, MI 48170</td></tr> </table>												Building Size 17,200 SF	Year Built ?	Additions 1959	Address 1024 S. Mill St.	Plymouth, MI 48170
Building Size 17,200 SF																
Year Built ?																
Additions 1959																
Address 1024 S. Mill St.																
Plymouth, MI 48170																
1	1.0 Site							\$324,100.26	\$0.00	\$0.00						
2	Concrete Sidewalk Replacements	1	ALLOW	\$5,000.00	\$5,000.00	128.55%	\$6,427.50									
3	Asphalt Pavement Replacement	14,700	SF	\$6.50	\$95,550.00	128.55%	\$122,829.53									
4	Undercut Allowance	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50									
5	Asphalt Patch & Sealcoat	195,100	SF	\$0.70	\$136,570.00	128.55%	\$175,560.74									
6					\$0.00	128.55%	\$0.00									
7	2.0 Building Envelope							\$0.00	\$0.00	\$0.00						
8																
9					\$0.00	128.55%	\$0.00									
10	3.0 Interior/Finishes							\$96,412.50	\$0.00	\$0.00						
11	Partial Casework & Countertop Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50									
12	Remodel Toilet Rooms	3	TR	\$20,000.00	\$60,000.00	128.55%	\$77,130.00									
13					\$0.00	128.55%	\$0.00									
14	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00						
15					\$0.00	128.55%	\$0.00									
16					\$0.00	128.55%	\$0.00									
17	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00						
18					\$0.00	128.55%	\$0.00									
19					\$0.00	128.55%	\$0.00									
20	6.0 Electrical Systems							\$96,412.50	\$0.00	\$0.00						
21	Install LED Lighting	15,000	SF	\$5.00	\$75,000.00	128.55%	\$96,412.50									
22					\$0.00	128.55%	\$0.00									
23					\$0.00	128.55%	\$0.00									
24	Total						\$516,925.26	\$516,925.26	\$0.00	\$0.00						
25	Visioning															
26	7.0 Visioning - Additions							\$0.00	\$0.00	\$0.00						
27					\$0.00	128.55%	\$0.00									
28					\$0.00	128.55%	\$0.00									
29					\$0.00	128.55%	\$0.00									
30					\$0.00	128.55%	\$0.00									
31					\$0.00	128.55%	\$0.00									
32					\$0.00	128.55%	\$0.00									
33					\$0.00	128.55%	\$0.00									
34					\$0.00	128.55%	\$0.00									
35					\$0.00	128.55%	\$0.00									
36	8.0 Visioning - Interior Remodeling							\$0.00	\$0.00	\$0.00						
37					\$0.00	128.55%	\$0.00									
38					\$0.00	128.55%	\$0.00									
39					\$0.00	128.55%	\$0.00									
40					\$0.00	128.55%	\$0.00									
41					\$0.00	128.55%	\$0.00									
42					\$0.00	128.55%	\$0.00									
43					\$0.00	128.55%	\$0.00									

DRAFT

Transportation Building

Building Size 17,200 SF
Year Built ?
Additions 1959
Address 1024 S. Mill St.
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
44	9.0 Visioning - Furniture							\$0.00	\$0.00	\$0.00	
45					\$0.00	114.50%	\$0.00				
46					\$0.00	114.50%	\$0.00				
47					\$0.00	114.50%	\$0.00				
48					\$0.00	114.50%	\$0.00				
49					\$0.00	114.50%	\$0.00				
50					\$0.00	114.50%	\$0.00				
51											
52	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
53					\$0.00	128.55%	\$0.00				
54					\$0.00	128.55%	\$0.00				
55					\$0.00	128.55%	\$0.00				
56					\$0.00	128.55%	\$0.00				
57					\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59					\$0.00	128.55%	\$0.00				
60											
61	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67					\$0.00	128.55%	\$0.00				
68											
69	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75					\$0.00	128.55%	\$0.00				
76											
77	13.0 Landscape improvements (Curb Appeal)							\$0.00	\$0.00	\$0.00	
78					\$0.00	128.55%	\$0.00				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				
83					\$0.00	128.55%	\$0.00				

0 0
 \$516,925.26 \$516,925.26

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Allen Early Learning Center

Revised from 10/08/2019 Meeting

Building Size 44,000 SF
Year Built 1953
Additions
Address 11100 N. Haggerty
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks	
									Immediate Need (1-5 years)	Deferred Need (6-10 years)		
1.0 Site									\$58,021.04	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50					
3	Asphalt Pavement Replacement	26,600	SF	\$6.50		128.55%	\$0.00					
4	Asphalt Patch & Sealcoat	27,900	SF	\$0.65	\$18,135.00	128.55%	\$23,312.54					
5	Undercut Allowance	1	ALLOW	\$12,000.00	\$12,000.00	128.55%	\$15,426.00					
6					\$0.00	128.55%	\$0.00					
7					\$0.00	128.55%	\$0.00					
2.0 Building Envelope									\$167,115.00	\$0.00	\$0.00	
9	Replace Ext. HM Doors/Frames	2	EA	\$2,500.00	\$5,000.00	128.55%	\$6,427.50					
10	Remove Chimney	1	LS	\$25,000.00	\$25,000.00	128.55%	\$32,137.50					
11	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50					
12	Paint steel & soffits	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50					
13					\$0.00	128.55%	\$0.00					
3.0 Interior/Finishes									\$514,200.00	\$0.00	\$0.00	
15	Replace Casework	0	CR	\$5,000.00	\$0.00	128.55%	\$0.00				In Visioning	
16	Replace int. Doors & Hardware	0	EA	\$1,300.00	\$0.00	128.55%	\$0.00				In Visioning	
17	Create Corridor Walls in 3 wings	0	SF	\$85.00	\$0.00	128.55%	\$0.00					
18	Upgrade main office	0	SF	\$100.00	\$0.00	128.55%	\$0.00					
19	Upgrade Kitchen	0	ALLOW	\$200,000.00	\$0.00	128.55%	\$0.00					
20	Upgrade Toilet Rooms	20	EA	\$20,000.00	\$400,000.00	128.55%	\$514,200.00					
21					\$0.00	128.55%	\$0.00					
4.0 Plumbing Systems									\$128,550.00	\$0.00	\$0.00	
23	Replace Galvanized Water Piping	1	ALLOW	\$100,000.00	\$100,000.00	128.55%	\$128,550.00					
24	Replace Hose Bibs	1	ALLOW	\$10,000.00								
25					\$0.00	128.55%	\$0.00					
5.0 HVAC Systems									\$482,062.50	\$0.00	\$0.00	
27	Replace Med Ctr & Office RTU's	1	ALLOW	\$125,000.00	\$125,000.00	128.55%	\$160,687.50					
28	Replace Boilers	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00					
29					\$0.00	128.55%	\$0.00					
30					\$0.00	128.55%	\$0.00					
6.0 Electrical Systems									\$282,810.00	\$0.00	\$0.00	
32	Install LED Lighting	44,000	SF	\$5.00	\$220,000.00	128.55%	\$282,810.00					
33					\$0.00	128.55%	\$0.00					
34					\$0.00	128.55%	\$0.00					
35	Total						\$1,632,758.54	\$1,632,758.54	\$0.00	\$0.00		
36	Visioning											
7.0 Visioning - Additions									\$0.00	\$0.00	\$0.00	
38					\$0.00	128.55%	\$0.00					
39					\$0.00	128.55%	\$0.00					
40					\$0.00	128.55%	\$0.00					

41

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Allen Early Learning Center

Revised from 10/08/2019 Meeting

Building Size 44,000 SF
Year Built 1953
Additions
Address 11100 N. Haggerty
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
42	8.0 Visioning - Interior Remodeling							\$0.00	\$0.00	\$0.00	
43					\$0.00	128.55%	\$0.00				
44					\$0.00	128.55%	\$0.00				
45					\$0.00	128.55%	\$0.00				
46											
47	9.0 Visioning - Furniture							\$0.00	\$0.00	\$0.00	
48					\$0.00	114.50%	\$0.00				
49					\$0.00	114.50%	\$0.00				
50					\$0.00	114.50%	\$0.00				
51											
52	10.0 PRE-School Visioning							\$1,784,274.00	\$0.00	\$0.00	
53	Pre-School Classrooms	7,000	SF	\$75.00	\$525,000.00	128.55%	\$674,887.50				Reduced by \$25/SF
54	Learning Commons	3,000	SF	\$85.00	\$255,000.00	128.55%	\$327,802.50				
55	Furniture & Equipment	6	ALLOW	\$18,000.00	\$108,000.00	128.55%	\$138,834.00				
56	Special Education Upgrades	10,000	SF	\$50.00	\$500,000.00	128.55%	\$642,750.00				
57			ALLOW		\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59											
60	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
61					\$0.00	128.55%	\$0.00				
62					\$0.00	128.55%	\$0.00				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				
66					\$0.00	128.55%	\$0.00				
67											
68	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
69	Play structure	0	ALLOW	\$225,000.00	\$0.00	128.55%	\$0.00				
70					\$0.00	128.55%	\$0.00				
71					\$0.00	128.55%	\$0.00				
72					\$0.00	128.55%	\$0.00				
73					\$0.00	128.55%	\$0.00				
74					\$0.00	128.55%	\$0.00				
75											
76	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
77	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
78					\$0.00	128.55%	\$0.00				
79					\$0.00	128.55%	\$0.00				
80					\$0.00	128.55%	\$0.00				
81					\$0.00	128.55%	\$0.00				
82					\$0.00	128.55%	\$0.00				

\$ 1,880,686.50 \$ 1,880,686.50
\$3,513,445.04 \$3,513,445.04

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Tanger Center

Revised from 10/08/2019 Meeting

Building Size 29,500 SF
Year Built 1966
Additions
Address 40260 Five Mile Road
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
1	1.0 Site							\$443,176.13	\$0.00	\$0.00	
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50				
3	Asphalt Pavement Replacement	47,500	SF	\$6.50	\$308,750.00	128.55%	\$396,898.13				
4	Undercut Allowance	1	ALLOW	\$21,000.00	\$21,000.00	128.55%	\$26,995.50				
5					\$0.00	128.55%	\$0.00				
6	2.0 Building Envelope							\$32,137.50	\$0.00	\$0.00	
7	Exterior Caulking / Tuck-pointing	1	ALLOW	\$25,000.00	\$25,000.00	128.55%	\$32,137.50				
8					\$0.00	128.55%	\$0.00				
9					\$0.00	128.55%	\$0.00				
10	3.0 Interior/Finishes							\$179,970.00	\$0.00	\$0.00	
11	Casework Replacement	0	ALLOW	\$65,000.00	\$0.00	128.55%	\$0.00				
12	Replace Folding Partition Walls @ CR Commons Areas	0	SF	\$45.00	\$0.00	128.55%	\$0.00				
13	Provide Secure Entry @ main office	0	ALLOW	\$100,000.00	\$0.00	128.55%	\$0.00				Work in prior Bond
14	Renovate Existing Space to Toilet Rooms	2	EA	\$70,000.00	\$140,000.00	128.55%	\$179,970.00				
15					\$0.00	128.55%	\$0.00				
16	4.0 Plumbing Systems							\$44,992.50	\$0.00	\$0.00	
17	Replace Water Heater/Boiler	1	ALLOW	\$35,000.00	\$35,000.00	128.55%	\$44,992.50				
18					\$0.00	128.55%	\$0.00				
19	5.0 HVAC Systems							\$321,375.00	\$0.00	\$0.00	
20	Replace Boilers	1	ALLOW	\$250,000.00	\$250,000.00	128.55%	\$321,375.00				
21					\$0.00	128.55%	\$0.00				
22					\$0.00	128.55%	\$0.00				
23	6.0 Electrical Systems							\$0.00	\$0.00	\$0.00	
24	Install LED Lighting		SF	\$5.00	\$0.00	128.55%	\$0.00				
25					\$0.00	128.55%	\$0.00				
26					\$0.00	128.55%	\$0.00				
27	Total						\$1,021,651.13	\$1,021,651.13	\$0.00	\$0.00	
28	Visioning										
29	7.0 Visioning - Additions							\$0.00	\$0.00	\$0.00	
30					\$0.00	128.55%	\$0.00				
31					\$0.00	128.55%	\$0.00				
32					\$0.00	128.55%	\$0.00				
34	8.0 Visioning - Interior Remodeling							\$0.00	\$0.00	\$0.00	
35	Professional Development Center		ALLOW	\$610,000.00	\$0.00	128.55%	\$0.00				
36	General Building Upgrades		SF	\$50.00	\$0.00	128.55%	\$0.00				
37					\$0.00	128.55%	\$0.00				
38					\$0.00	128.55%	\$0.00				

DRAFT

Tanger Center

Revised from 10/08/2019 Meeting

Building Size 29,500 SF
Year Built 1966
Additions
Address 40260 Five Mile Road
Plymouth, MI 48170

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Need		Description / Remarks
									Immediate Need (1-5 years)	Deferred Need (6-10 years)	
40	9.0 Visioning - Furniture							\$0.00	\$0.00	\$0.00	
41					\$0.00	114.50%	\$0.00				
42					\$0.00	114.50%	\$0.00				
43					\$0.00	114.50%	\$0.00				
44											
45	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
46					\$0.00	128.55%	\$0.00				
47					\$0.00	128.55%	\$0.00				
48					\$0.00	128.55%	\$0.00				
49											
50	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
51					\$0.00	128.55%	\$0.00				
52					\$0.00	128.55%	\$0.00				
53					\$0.00	128.55%	\$0.00				
54											
55	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
56	Play structure				\$0.00	128.55%	\$0.00				
57					\$0.00	128.55%	\$0.00				
58					\$0.00	128.55%	\$0.00				
59					\$0.00	128.55%	\$0.00				
60											
61	13.0 Landscape improvements (Curb Appeal)							\$96,412.50	\$0.00	\$0.00	
62	Landscape	1	ALLOW	\$75,000.00	\$75,000.00	128.55%	\$96,412.50				
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				

\$ 96,412.50 \$ 96,412.50
 \$1,118,063.63 \$1,118,063.63

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Truesdell																			
		<table border="1"> <tr><td>Building Size 2,400 SF</td></tr> <tr><td>Year Built ?</td></tr> <tr><td>Additions</td></tr> <tr><td>Address 1036 N. Haggerty Road</td></tr> <tr><td>Canton, MI 48187</td></tr> </table>				Building Size 2,400 SF	Year Built ?	Additions	Address 1036 N. Haggerty Road	Canton, MI 48187			<table border="1"> <tr><td>Need</td></tr> <tr><td>Immediate Need (1-5 years)</td></tr> <tr><td>Deferred Need (6-10 years)</td></tr> </table>		Need	Immediate Need (1-5 years)	Deferred Need (6-10 years)		
Building Size 2,400 SF																			
Year Built ?																			
Additions																			
Address 1036 N. Haggerty Road																			
Canton, MI 48187																			
Need																			
Immediate Need (1-5 years)																			
Deferred Need (6-10 years)																			
Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Immediate Need (1-5 years)	Deferred Need (6-10 years)	Description / Remarks								
1	1.0 Site							\$67,438.62	\$0.00	\$0.00									
2	Concrete Sidewalk Replacements	1	ALLOW	\$15,000.00	\$15,000.00	128.55%	\$19,282.50												
3	Asphalt Pavement Replacement	3,500	SF	\$6.50	\$22,750.00	128.55%	\$29,245.13												
	Fence & gate replacement	249	LF	\$39.00	\$9,711.00	128.55%	\$12,483.49												
4	Landscape shrub removal	1	ALLOW	\$5,000.00	\$5,000.00	128.55%	\$6,427.50												
5					\$0.00	128.55%	\$0.00												
6	2.0 Building Envelope							\$173,793.17	\$0.00	\$0.00									
7	Roof replacement	4,000	SF	\$12.00	\$48,000.00	128.55%	\$61,704.00												
8	Fascia & Soffit replacement	400	LF	\$100.00	\$40,000.00	128.55%	\$51,420.00												
9	Window replacement	11	EA	\$1,500.00	\$16,500.00	128.55%	\$21,210.75												
10	Door & Frame replacement	3	EA	\$2,400.00	\$7,200.00	128.55%	\$9,255.60												
11	Building tuck-point & waterproofing	1	ALLOW	\$10,000.00	\$10,000.00	128.55%	\$12,855.00												
12	Exterior painting/waterproofing	2,699	SF	\$5.00	\$13,495.00	128.55%	\$17,347.82												
13					\$0.00	128.55%	\$0.00												
14	3.0 Interior/Finishes							\$0.00	\$0.00	\$0.00									
15					\$0.00	128.55%	\$0.00												
16					\$0.00	128.55%	\$0.00												
17					\$0.00	128.55%	\$0.00												
18					\$0.00	128.55%	\$0.00												
19	4.0 Plumbing Systems							\$0.00	\$0.00	\$0.00									
20					\$0.00	128.55%	\$0.00												
21					\$0.00	128.55%	\$0.00												
22	5.0 HVAC Systems							\$0.00	\$0.00	\$0.00									
23					\$0.00	128.55%	\$0.00												
24					\$0.00	128.55%	\$0.00												
25					\$0.00	128.55%	\$0.00												
26	6.0 Electrical Systems							\$3,856.50	\$0.00	\$0.00									
27	Exterior lighting	4	EA	\$750.00	\$3,000.00	128.55%	\$3,856.50												
28					\$0.00	128.55%	\$0.00												
29					\$0.00	128.55%	\$0.00												
30	Total							\$245,088.29	\$245,088.29	\$0.00	\$0.00								
31	Visioning																		
32	7.0 Visioning - Additions							\$0.00	\$0.00	\$0.00									
33					\$0.00	128.55%	\$0.00												
34					\$0.00	128.55%	\$0.00												
35					\$0.00	128.55%	\$0.00												
36																			
37	8.0 Visioning - Interior Remodeling							\$0.00	\$0.00	\$0.00									
38					\$0.00	128.55%	\$0.00												
39					\$0.00	128.55%	\$0.00												
40					\$0.00	128.55%	\$0.00												
41																			

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Truesdell														
<table border="1" style="margin: auto;"> <tr><td style="text-align: center;">Building Size 2,400 SF</td></tr> <tr><td style="text-align: center;">Year Built ?</td></tr> <tr><td style="text-align: center;">Additions</td></tr> <tr><td style="text-align: center;">Address 1036 N. Haggerty Road</td></tr> <tr><td style="text-align: center;">Canton, MI 48187</td></tr> </table>										Building Size 2,400 SF	Year Built ?	Additions	Address 1036 N. Haggerty Road	Canton, MI 48187
Building Size 2,400 SF														
Year Built ?														
Additions														
Address 1036 N. Haggerty Road														
Canton, MI 48187														
								Need						
								Immediate Need (1-5 years)	Deferred Need (6-10 years)					

Line No.	Assessment Areas	Quantity	Unit	Unit Cost	Cost	Indirect Project Cost Multiplier	Total Cost	Category Total	Immediate Need (1-5 years)	Deferred Need (6-10 years)	Description / Remarks
42	9.0 Visioning - Furniture							\$0.00	\$0.00	\$0.00	
43					\$0.00	114.50%	\$0.00				
44					\$0.00	114.50%	\$0.00				
45					\$0.00	114.50%	\$0.00				
46						114.50%					
47	10.0 PRE-School Visioning							\$0.00	\$0.00	\$0.00	
48					\$0.00	128.55%	\$0.00				
49					\$0.00	128.55%	\$0.00				
50					\$0.00	128.55%	\$0.00				
51											
52	11.0 Special Education Visioning							\$0.00	\$0.00	\$0.00	
53					\$0.00	128.55%	\$0.00				
54					\$0.00	128.55%	\$0.00				
55					\$0.00	128.55%	\$0.00				
56											
57	12.0 Playground Upgrades							\$0.00	\$0.00	\$0.00	
58					\$0.00	128.55%	\$0.00				
59					\$0.00	128.55%	\$0.00				
60					\$0.00	128.55%	\$0.00				
61											
62	13.0 Landscape improvements (Curb Appeal)							\$0.00	\$0.00	\$0.00	
63					\$0.00	128.55%	\$0.00				
64					\$0.00	128.55%	\$0.00				
65					\$0.00	128.55%	\$0.00				

0	0
\$245,088.29	\$245,088.29

**Plymouth Canton Community Schools
10 Year Master Plan Summary
District Prioritization (2)**

DRAFT

Buses									
Building Size									
Year Built									
Additions									
Address									
Line No.	Assessment Areas		Quantity	Unit	Unit Cost		Total Cost	Total Cost/Year	Description / Remarks
1	1.0 Bus								
2	2020/2021	New Transit buses	9	ea	\$119,925.00		\$1,079,325		
3	2020/2021	New Special Ed. buses	5	ea	\$112,750.00		\$563,750	\$1,643,075.00	
4	2021/2022	New Transit buses	9	ea	\$122,923.13		\$1,106,308		
5	2021/2022	New Special Ed. buses	5	ea	\$115,568.75		\$577,844	\$1,684,151.92	
6	2022/2023	New Special Ed. buses	14	ea	\$118,457.97		\$1,658,412	\$1,658,411.58	
8	2023/2024	New Transit buses	13	ea	\$129,146.11		\$1,678,899		
9	2023/2024	New Special Ed. buses	1	ea	\$121,419.42		\$121,419	\$1,800,318.85	
10	2024/2025	New Conventional buses	3	ea	\$99,563.92		\$298,692		
11	2024/2025	New Special Ed. buses	11	ea	\$124,454.90		\$1,369,004	\$1,667,695.66	
12	2025/2026	New Conventional buses	12	ea	\$102,053.02		\$1,224,636		
13	2025/2026	New Special Ed. buses	2	ea	\$127,566.28		\$255,133	\$1,479,768.80	
14	2026/2027	New Conventional buses	14	ea	\$104,604.35		\$1,464,461	\$1,464,460.90	
16	2027/2028	New Conventional buses	10	ea	\$107,219.45		\$1,072,195		
17	2027/2028	New Special Ed. buses	4	ea	\$134,024.32		\$536,097	\$1,608,291.78	
18	2028/2029	New Conventional buses	5	ea	\$109,899.94		\$549,500		
19	2028/2029	New Transit buses	4	ea	\$146,116.97		\$584,468		
20	2028/2029	New Special Ed. buses	5	ea	\$137,374.93		\$686,875	\$1,820,842.23	
21	2029/2030	New Conventional buses	9	ea	\$112,647.44		\$1,013,827		
22	2029/2030	New Transit buses	4	ea	\$149,769.89		\$599,080		
23	2029/2030	New Special Ed. buses	1	ea	\$140,809.30		\$140,809	\$1,753,715.82	
24									
25	Total cost						\$16,580,732.54	\$16,580,732.54	