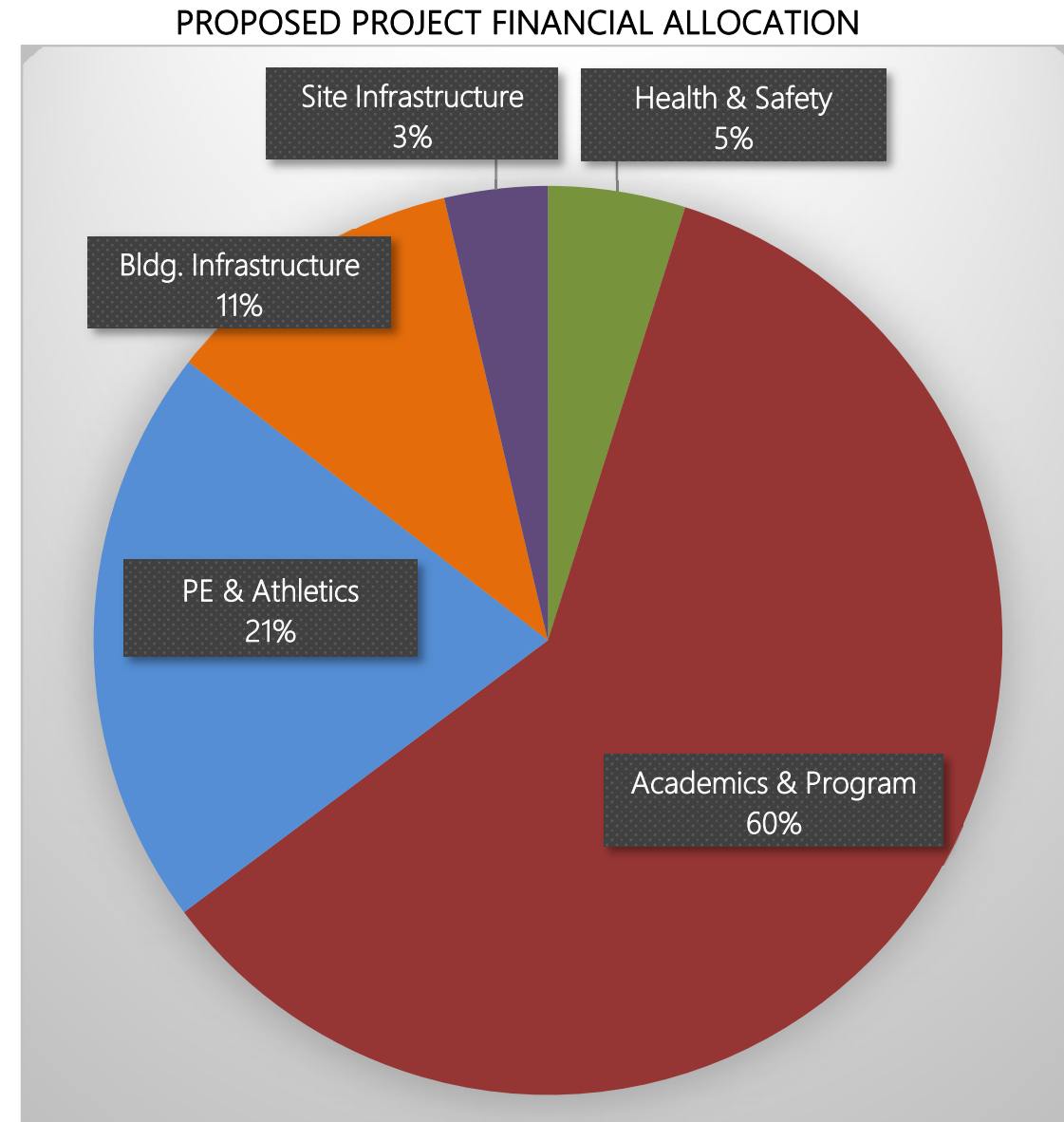


Ichabod Crane Central School District  
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Health & Safety	\$ 1,399,000
Academics & Program	\$ 17,140,800
Physical Education & Athletics	\$ 5,922,000
Building Infrastructure	\$ 3,103,800
Site Infrastructure	\$ 1,049,600
TOTAL SCOPE OF WORK	\$ 28,615,200
PROPOSED ENERGY PERFORMANCE CONTRACT	\$ (1,500,000)
<b>TOTAL PROPOSED REFERENDUM</b>	<b>\$ 27,115,200</b>



Ichabod Crane Central School District  
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CAT-BLDG-#	CATEGORY	QTY.	UNIT	UNIT COST	SUBTOTAL	ITEM COST	PRIORITY	PHASE 1
<b>CAT-BLDG-#</b>	<b>HEALTH &amp; SAFETY</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Subtotal</b>	<b>Item Cost</b>	<b>Priority</b>	<b>PHASE 1</b>
	<u>High School</u>							
HS-HS-01	Provide Security Glazing Film at Entry Vestibule	44	SF	\$ 75	\$ 3,263	\$ 3,900	1	\$ 3,900
HS-HS-02	Provide Security Transaction Window & Drawer	1	LS	N/A	\$ 13,450	\$ 16,100	1	\$ 16,100
HS-HS-03*	Interior- Replace Wood Doors & Hardware in 100, 200 & 300-Wing, including Safety Glass	60	EA	\$ 2,300	\$ 138,000	\$ 165,600	1	\$ 165,600
HS-HS-04	Mechanical- Replace Kitchen Hood/ Exhaust System	1	LS	\$ 154,675	\$ 154,675	\$ 185,600	2	-
	<b>Subtotal- High School</b>					\$ 371,200		\$ 185,600
	<u>Middle School</u>							
HS-MS-01	Provide Security Glazing Film at Entry Vestibule	11	SF	\$ 75	\$ 788	\$ 900	1	\$ 900
HS-MS-02	Provide Security Transaction Window & Drawer	1	LS	N/A	\$ 13,450	\$ 16,100	1	\$ 16,100
HS-MS-03	Enclose/Secure Middle School Cafeteria	1	LS	86,887	\$ 86,887	\$ 104,300	1	\$ 104,300
HS-MS-04*	Replace Windows at Offices	720	SF	\$ 80	\$ 57,600	\$ 69,100	1	\$ 69,100
HS-MS-05*	Mechanical- Update Exhaust on the Existing Dust Collection System (no make up air)	1	LS	N/A	\$ 19,000	\$ 22,800	1	\$ 22,800
HS-MS-06	Mechanical- Replace Kitchen Hood and replace ANSUL System	1	LS	\$ 154,675	\$ 154,675	\$ 185,600	2	-
HS-MS-07*	Replace Asphalt Sidewalks with Conc. at Bus Loop & South Lot	12,000	SF	\$ 25	\$ 298,052	\$ 357,700	1	\$ 357,700
HS-MS-08*	Replace Asphalt Sidewalks with Conc. at East of Bldg to Playfields	4,500	SF	\$ 16	\$ 70,613	\$ 84,700	1	\$ 84,700
HS-MS-09*	Replace Basketball Equipment at Playground	1	LS	N/A	\$ 44,385	\$ 53,300	1	\$ 53,300
HS-MS-10*	Provide Handicapped Parking with Signage at South Parking Lot	1	LS	N/A	\$ 5,000	\$ 6,000	1	\$ 6,000
HS-MS-11*	Provide Accessible Sidewalks to Playfields	1	LS	N/A	\$ 29,000	\$ 34,800	1	\$ 34,800
HS-MS-12	Electrical- Replace Fire Alarm System w/ Addressable System	112,000	SF	\$ 1.48	\$ 158,000	\$ 189,600	1	\$ 189,600
	<b>Subtotal- Middle School</b>					\$ 1,124,900		\$ 939,300
	<u>Primary School</u>							
HS-PS-01	Provide Security Glazing Film at Entry Vestibule	33	SF	\$ 75	\$ 2,475	\$ 3,000	1	\$ 3,000
HS-PS-02	Provide Security Transaction Window & Drawer	1	LS	N/A	\$ 12,000	\$ 14,400	1	\$ 14,400
HS-PS-03*	Interior- Provide Renovations to Nurse Toilet Rooms for ADA Compliance	1	LS	N/A	\$ 27,000	\$ 32,400	1	\$ 32,400
HS-PS-04	Mechanical- Replace Kitchen Hood and Provide ANSUL System only (no breaching or exhaust	2	EA	\$ 31,500	\$ 63,000	\$ 75,600	2	-
HS-PS-05	Provide Handicapped Parking with Signage at Main and North Parking Lots	1	ALLOW	N/A	\$ 4,000	\$ 4,800	1	\$ 4,800
HS-PS-06	Electrical- Replace Fire Alarm System w/ Addressable System	55,000	SF	\$ 1.48	\$ 81,373	\$ 97,600	1	\$ 97,600
	<b>Subtotal- Primary School</b>					\$ 227,800		\$ 152,200
	<u>Maintenance Building</u>							
HS-MB-01*	Interior- Replace Ceramic Tile Flooring	1	LS	N/A	\$ 4,000	\$ 4,800	1	\$ 4,800
HS-MB-02*	Interior- Replace Door Hardware	1	LS	N/A	\$ 9,000	\$ 10,800	1	\$ 10,800
	<b>Subtotal- Maintenance Building</b>					\$ 15,600		\$ 15,600
	<u>Bus Garage</u>							
HS-BG-01*	Exterior- Replace Windows	70	EA	\$ 180	\$ 12,600	\$ 15,100	1	\$ 15,100
HS-BG-02*	Interior- Replace Lockers	1	LS	N/A	\$ 4,000	\$ 4,800	1	\$ 4,800
HS-BG-03*	Interior- Renovate Toilet Rooms for ADA-Compliance		LS	N/A	\$ 72,000	\$ 86,400	1	\$ 86,400
HS-BG-04	Provide Handicapped Parking with Signage. Provide Accessible Sidewalks to Playfields	1	LS	N/A	\$ 13,000	\$ 15,600	1	\$ 15,600
	<b>Subtotal- Bus Garage</b>					\$ 121,900		\$ 106,300
	<b>SUBTOTAL - HEALTH &amp; SAFETY</b>				\$ 1,551,284	\$ 1,861,400		\$ 1,399,000

Ichabod Crane Central School District  
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CAT-BLDG-#	CATEGORY	QTY.	UNIT	UNIT COST	SUBTOTAL	ITEM COST	PRIORITY	PHASE 1
CAT-BLDG-#	ACADEMICS & PROGRAM	Quantity	Unit	Unit Cost	Subtotal	Item Cost	Priority	PHASE 1
	<u>High School</u>							
AP-HS-01	High School STEAM (Science) Renovations	10,300	SF	\$ 235	\$ 2,424,363	\$ 2,909,200	1	\$ 2,909,200
AP-HS-02	High School STEAM (Technology/Engineering) Renovations, incl. Corridor	5,300	SF	\$ 160	\$ 848,000	\$ 1,017,600	1	\$ 1,017,600
AP-HS-03	High School STEAM (Art) Renovations	3,800	SF	\$ 100	\$ 380,000	\$ 456,000	1	\$ 456,000
AP-HS-04	High School STEAM (Math) Renovations	6,700	SF	\$ 150	\$ 1,005,000	\$ 1,206,000	1	\$ 1,206,000
AP-HS-05	High School STEAM (Technology) Addition	2,600	SF	\$ 360	\$ 936,000	\$ 1,123,200	1	\$ 1,123,200
AP-HS-06	Guidance/Counseling Suite Renovations	1,500	SF	\$ 150	\$ 225,000	\$ 270,000	1	\$ 270,000
AP-HS-06	High School Large Group Instruction Room	1,500	SF	\$ 180	\$ 270,000	\$ 324,000	2	-
AP-HS-07	Replace Doors & Hardware at HS Auditorium	6	LEAFS	\$ 3,497	\$ 20,982	\$ 25,200	1	\$ 25,200
AP-HS-08	Replace Wood/Masonite Stage Floor at HS Auditorium	1,900	SF	\$ 12	\$ 22,865	\$ 27,400	1	\$ 27,400
AP-HS-09	Provide New Sound Booth at HS Auditorium, Update ADA Seating	180	SF	\$ 204	\$ 36,806	\$ 44,200	1	\$ 44,200
	<b>Subtotal- High School</b>					\$ 7,402,800		\$ 7,078,800
	<u>Middle School</u>							
AP-MS-01	Renovate/Update 100-Wing Classroom "Pod" Area	15,200	SF	\$ 200	\$ 3,040,000	\$ 3,648,000	1	\$ 3,648,000
AP-MS-02	Renovate/Update 200-Wing Classroom "Pod" Area	12,800	SF	\$ 200	\$ 2,560,000	\$ 3,072,000	1	\$ 3,072,000
AP-MS-03	Renovate/Update 300-Wing Classroom "Pod" Area	12,800	SF	\$ 200	\$ 2,560,000	\$ 3,072,000	1	\$ 3,072,000
AP-MS-04	Music Suite Improvements- Full Renovation	4,425	SF	\$ 193	\$ 855,185	\$ 1,026,200	3	-
AP-MS-05	Music Suite Improvements- Improve Acoustics and Replace Instrument Storage Only	1	LS	N/A	\$ 225,000	\$ 270,000	1	\$ 270,000
	<b>Subtotal- Middle School</b>					\$ 11,088,200		\$ 10,062,000
	<u>Primary School</u>							
AP-PS-01	Provide Portable Sound System at Cafeteria/Gymnasium	1	ALLOW	\$ 10,000	\$ 10,000	\$ 12,000	3	-
	<b>Subtotal- Primary School</b>					\$ 12,000		\$ -
	<b>SUBTOTAL - ACADEMICS &amp; PROGRAM</b>				\$ 15,419,201	\$ 18,503,000		\$ 17,140,800

CAT-BLDG-#	PHYSICAL EDUCATION & ATHLETICS	Quantity	Unit	Unit Cost	Subtotal	Item Cost	Priority	PHASE 1
	<u>High School</u>							
PE-HS-01	Provide Synthetic Turf at Multi-Purpose Field (Inside Track)	1	LS	N/A	\$ 1,225,000	\$ 1,470,000	3	-
PE-HS-02	Provide Bleachers at Multi-Purpose Field	1,000	EA	\$ 325	\$ 324,500	\$ 389,400	1	\$ 389,400
PE-HS-03	Provide Pressbox	1	LS	N/A	\$ 145,800	\$ 175,000	2	\$ -
	<b>Subtotal- High School</b>					\$ 2,034,400		\$ 389,400
	<u>Middle School</u>							
PE-MS-01	Reconfigure & Renovate North Locker Rooms- Create Boys & Girls Locker Rooms	2,900	SF	\$ 275	\$ 797,500	\$ 957,000	2	-
PE-MS-02	Reconfigure & Renovate South Locker Rooms- Create Fitness Center	2,900	SF	\$ 200	\$ 580,000	\$ 696,000	2	-
PE-MS-03	Renovate/Expand Gyms within Bldg Footprint, inc. Raised Roof, Floors, Backstops, Scroreboard	1	LS	N/A	\$ 4,610,488	\$ 5,532,600	1	\$ 5,532,600
	<b>Subtotal- Middle School</b>					\$ 7,185,600		\$ 5,532,600
	<b>SUBTOTAL - PHYSICAL EDUCATION &amp; ATHLETICS</b>				\$ 7,683,288	\$ 9,220,000		\$ 5,922,000

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CAT-BLDG-#	CATEGORY	QTY.	UNIT	UNIT COST	SUBTOTAL	ITEM COST	PRIORITY	PHASE 1
CAT-BLDG-#	BUILDING INFRASTRUCTURE	Quantity	Unit	Unit Cost	Subtotal	Item Cost	Priority	PHASE 1
	<b>High School</b>							
IN-HS-01	Exterior- Brick Re-Pointing at 300-Wing Courtyard & Music Suite	5,000	SF	\$ 30	\$ 150,000	\$ 180,000	3	-
IN-HS-02	Exterior- Scrape & Clean Steel Lintels	100	LF	\$ 50	\$ 5,000	\$ 6,000	2	-
IN-HS-03	Exterior- Replace Damaged Areas of EIFS at 100 & 200-Wing	500	SF	\$ 45	\$ 22,500	\$ 27,000	3	-
IN-HS-04	Exterior- Replace Damaged Metal Fascia Panels at West Side of Building	500	SF	\$ 94	\$ 47,000	\$ 56,400	3	-
IN-HS-05	Exterior- Brick Re-Pointing at Boiler Room Chimney	450	LS	\$ 30	\$ 13,500	\$ 16,200	3	-
IN-HS-06	Exterior- Remove HM Door/Frame at Courtyard, Infill with Wall Construction	1	EA	\$ 7,000	\$ 7,000	\$ 8,400	3	-
IN-HS-07	Exterior- Replace Windows at 300-Wing, inc. Interior Window Treatments	1,250	SF	\$ 180	\$ 225,000	\$ 270,000	3	-
IN-HS-08	Exterior- Replace Windows at 100 & 200 Wing	2,562	SF	\$ 180	\$ 461,160	\$ 553,400	2	-
IN-HS-09	Exterior- Roof Replacement- Replace Wet Areas and Re-Coat at 100-Wing	30,000	SF	\$ 10	\$ 300,000	\$ 360,000	1	\$ 360,000
IN-HS-10	Exterior- Replace Failing Soffits	1,000	SF	\$ 65	\$ 65,000	\$ 78,000	2	-
IN-HS-11	Exterior- Roof Replacement at Auditorium	7,365	SF	\$ -	\$ 191,700	\$ 230,000	1	\$ 230,000
	<b>Subtotal- Exterior Building Improvements @ High School</b>					\$ 1,785,400		\$ 590,000
IN-HS-11	Interior- Replace Carpet at Offices, Auditorium & Music Practice Room	100	SY	\$ 60	\$ 6,000	\$ 7,200	3	-
IN-HS-12	Interior- Replace VAT Flooring with VCT in Storage Room 5.33	100	SF	\$ 20	\$ 2,000	\$ 2,400	3	-
IN-HS-13	Interior- Repair Damaged Terrazzo Flooring at Lobby, Café & Gym Entry	200	SF	\$ 75	\$ 15,000	\$ 18,000	3	-
IN-HS-14	Interior- Re-Paint Hollow Metal Doors at Storage Rooms & Custodial Closets	1	LS	\$ 10,000	\$ 10,000	\$ 12,000	3	-
IN-HS-15	Interior- Replace Ceilings at 300 & 400-Wing and Cafeteria	20,000	SF	\$ 11	\$ 220,000	\$ 264,000	2	-
IN-HS-16	Interior- Replace Lockers at 300-Wing	200	EA	\$ 365	\$ 73,000	\$ 87,600	1	\$ 87,600
IN-HS-17	Interior- Replace Casework at 100, 200 & 300-Wing Classrooms	800	LF	\$ 450	\$ 360,000	\$ 432,000	3	-
	<b>Subtotal- Interior Building Improvements @ High School</b>					\$ 823,200		\$ 87,600
IN-HS-18	Mechanical- Replace AHU & Air Conditioning Unit at Main Office	1	LS	\$ 20,175	\$ 20,175	\$ 24,200	2	-
IN-HS-19	Mechanical- Replace Unit Ventilators at 300-Wing, Include Controls Replacement	12	EA	\$ 10,088	\$ 121,050	\$ 145,300	1	\$ 145,300
IN-HS-20	Mechanical- Replace Steam Boiler with Natural Gas/Propane, High Efficiency Boilers	1	LS	N/A	\$ 470,750	\$ 564,900	1	\$ 564,900
IN-HS-21	Mechanical- Replace Failing Heat Exchangers	2	EA	\$ 25,000	\$ 50,000	\$ 60,000	1	\$ 60,000
IN-HS-22	Mechanical- Replace Window Air Conditioners at Rooms 215 & 217 with Ductless Split Units	2	EA	\$ 6,725	\$ 13,450	\$ 16,100	3	-
IN-HS-24	Mechanical- Provide Cleaning of Ductwork	1	Allow	N/A	\$ 19,000	\$ 22,800	3	-
IN-HS-25	Mechanical- Upgrade HVAC Controllers, Replace Pneumatic at 300 & 400-Wing & Main Office	1	Allow	N/A	\$ 13,450	\$ 16,100	1	\$ 16,100
IN-HS-26	Mechanical- Replace Pneumatic Controls at 300 & 400-Wing	1	Allow	N/A	\$ 67,250	\$ 80,700	1	\$ 80,700
IN-HS-27	Mechanical- Upcharge to include Air Conditioning at Science Rms (item AP-HS-01)	1	LS	N/A	\$ 165,000	\$ 198,000	2	-
IN-HS-28	Mechanical- Upcharge to include Air Conditioning at Technology Rms (item AP-HS-02 & 05)	1	LS	N/A	\$ 140,000	\$ 168,000	2	-
IN-HS-29	Mechanical- Upcharge to include Air Conditioning w/ 300-wing UVs (item IN-HS-25)	1	LS	N/A	\$ 197,000	\$ 236,400	2	-
IN-HS-30	Mechanical- Provide Air Conditioning at (25) Classrooms	1	Allow	N/A	\$ 638,000	\$ 765,600	2	-
	<b>Subtotal- Mechanical Improvements @ High School</b>					\$ 2,298,100		\$ 867,000

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CAT-BLDG-#	CATEGORY	QTY.	UNIT	UNIT COST	SUBTOTAL	ITEM COST	PRIORITY	PHASE 1
IN-HS-27	Electrical- Additional Receptacles at Classrooms in 100 & 200-Wing Classrooms	200	EA	\$ 450	\$ 90,000	\$ 108,000	3	-
IN-HS-28	Electrical- Replace Breaker Panels for Boiler Room and Shop	6	EA	\$ 7,500	\$ 45,000	\$ 54,000	2	-
IN-HS-29	Electrical- Provide an Emergency Generator, Assume 750KW	750	EA	\$ 583	\$ 437,125	\$ 524,600	3	-
IN-HS-30	Electrical- Replace Lighting Rack for Auditorium/Stage	1	Allow	N/A	\$ 63,000	\$ 75,600	3	-
IN-HS-31	Electrical- Upgrade Switches to Support Technology Changes	1	Allow	N/A	\$ 157,000	\$ 188,400	3	-
IN-HS-32	Electrical- Perform an Arc Flash Study	1	LS	N/A	\$ 15,000	\$ 18,000	3	-
IN-HS-33	Electrical- Replace Classroom & Office Lighting with LED Fixtures (existing wiring to remain)	33,000	SF	\$ 9	\$ 306,718	\$ 368,100	3	-
IN-HS-34	Electrical- Replace Corridor Lighting with LED Fixtures	10,000	SF	\$ 9	\$ 92,945	\$ 111,500	3	-
IN-HS-35	Electrical- Provide Occupancy Sensors	75	EA	\$ 900	\$ 67,500	\$ 81,000	3	-
IN-HS-36	Electrical- Replace Cafeteria Sound System	1	Allow	N/A	\$ 38,000	\$ 45,600	3	-
IN-HS-37	Electrical- Provide Classroom Audio System for Teacher Amplification	55	ea	\$ 3,760	\$ 206,800	\$ 248,200	3	-
	<b>Subtotal- Electrical Improvements @ High School</b>					\$ 1,823,000		\$ -
IN-HS-38	Plumbing- Provide Backflow Preventer and Flood Prevention at Water Service	1	LS	N/A	\$ 13,450	\$ 16,100	2	-
IN-HS-39	Plumbing- Replace Galv. Water Main From Meter, Crawlspace Under 100-Wing	1	Allow	N/A	\$ 344,000	\$ 412,800	1	\$ 412,800
IN-HS-40	Plumbing- Replace Valves with Ball Valves	1	Allow	N/A	\$ 15,000	\$ 18,000	1	\$ 18,000
IN-HS-41	Plumbing- Replace Hose Bibbs With Vacuum Breaking Units	2	EA	\$ 900	\$ 1,800	\$ 2,200	3	-
	<b>Subtotal- Plumbing Improvements @ High School</b>					\$ 449,100		\$ 430,800
	<b>Middle School</b>							
IN-MS-01	Provide Backfill at Concrete Piers and Infill Cracked Foundations	1	Allow	N/A	\$ 38,000	\$ 45,600	3	-
IN-MS-02	Re-Point Masonry at West Side of Building	400	SF	\$ 30	\$ 12,000	\$ 14,400	3	-
IN-MS-03	Rake Out and Re-Seal Masonry Control Joints	300	LF	\$ 40	\$ 12,000	\$ 14,400	3	-
IN-MS-04	Re-Caulk (PCB) Around Windows	1	Allow	N/A	\$ 10,000	\$ 12,000	3	-
IN-MS-05	Remove & Replace Asbestos Stone Aggregate Panels	11,340	LS	\$ 58	\$ 655,849	\$ 787,000	2	-
IN-MS-06	Brick Re-Pointing at Boiler Room Chimney	50	SF	\$ 30	\$ 1,500	\$ 1,800	3	-
IN-MS-07	Re-Coat Spray Foam Roof Area	116,000	SF	\$ 10	\$ 1,160,000	\$ 1,392,000	2	-
IN-MS-08	Replace Wet Areas of Roof Insulation	1	Allow	\$ 28,700	\$ 28,700	\$ 34,400	2	-
IN-MS-09	Replace Failing Soffits	500	SF	\$ 64	\$ 32,000	\$ 38,400	3	-
IN-MS-10	Re-Caulk Fascia Panels and Roof Edge	1	LS	N/A	\$ 36,000	\$ 43,200	3	-
	<b>Subtotal- Exterior Building Improvements @ Middle School</b>					\$ 2,383,200		\$ -
IN-MS-11	Repair Settlement Cracks at Chorus Room	1	Allow	N/A	\$ 38,000	\$ 45,600	3	-
IN-MS-12	Replace Isolated Areas of Damaged Classroom & Corridor Flooring w/ VCT or Rubber	600	SF	\$ 12	\$ -	\$ -	0	-
IN-MS-13	Replace/Repair Terrazzo Floor- Grind & Provide Epoxy Topping	800	SF	\$ 60	\$ -	\$ -	0	-
IN-MS-14	Replace 2x4 Suspended Grid ACM Ceilings in Kitchen with New Ceiling System	1,500	SF	\$ 16	\$ 24,000	\$ 28,800	1	\$ 28,800
IN-MS-15	Replace GWB Ceilings at Locker Rooms	400	SF	\$ 18	\$ 7,000	\$ 8,400	2	-
IN-MS-16	Replace Casework at Art & Technology Shop	650	SF	\$ 225	\$ 146,250	\$ 175,500	3	-
IN-MS-17	Replace Kitchen Equipment- Requires Programming, Replacement For Age and Operational Nee	1	Allow	N/A	\$ 625,000	\$ 750,000	3	-
IN-MS-18	Replace Curtains and Rigging at Stage	1	LS	N/A	\$ 77,660	\$ 93,200	3	-
	<b>Subtotal- Interior Building Improvements @ Middle School</b>					\$ 1,101,500		\$ 28,800
IN-MS-19	Mechanical- Replace PTAC Unit in Administration Area with VAV or Split Condensing Units	2,542	SF	\$ 48	\$ 123,083.64	\$ 147,700	2	-
IN-MS-20	Mechanical- Replace AHU at Cafeteria & Kitchen (exclude duct distribution replacement/no	4,000	SF	\$ 13	\$ 53,800.00	\$ 64,600	2	-
IN-MS-21	Mechanical- Replace HVAC Equipment at Library- excludes cooling	2,800	SF	\$ 13	\$ 37,660.00	\$ 45,200	2	-
IN-MS-22	Mechanical- Replace HVAC Equipment at LGI includes cooling	865	SF	\$ 24	\$ 20,941.65	\$ 25,100	2	-
IN-MS-23	Mechanical- Replace Oil Fired Cast Iron Boiler with Natural Gas/Propane, High Efficiency Boilers	1	LS	\$ 470,750	\$ 470,750.00	\$ 564,900	1	\$ 564,900
IN-MS-24	Mechanical- Replace 5-Ton RTU and 7-Ton RTU at IT Room	1	LS	\$ 33,625	\$ 33,625.00	\$ 40,400	3	-
IN-MS-25	Mechanical- Provide Cleaning of Ductwork	1	Allow	\$ 100,875	\$ 100,875.00	\$ 121,100	3	-

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CAT-BLDG-#	CATEGORY	QTY.	UNIT	UNIT COST	SUBTOTAL	ITEM COST	PRIORITY	PHASE 1
IN-MS-26	Mechanical- Upgrade HVAC Controllers- Replace Network, Backnet & Network Devices	1	Allow	\$ -	\$ 263,620.00	\$ 316,300	1	\$ 316,300
IN-MS-27	Mechanical- Upcharge to include Air Conditioning w/ Pods Reno. (item AP-MS-01, 02,03)	1	LS	N/A	\$ 720,000.00	\$ 864,000	2	-
IN-MS-28	Mechanical- Provide Air Conditioning at (2) Classrooms	1	Allow	N/A	\$ 65,000.00	\$ 78,000	2	-
	<b>Subtotal- Mechanical Improvements @ Middle School</b>					\$ 2,267,300		\$ 881,200
IN-MS-28	Electrical- Upgrade Switches to Support Technology Changes	112,000	SF/Allow	\$ 1.3	\$ 112,000	\$ 134,400	3	-
IN-MS-29	Electrical- Perform an Arc Flash Study	1	LS	N/A	\$ 15,000	\$ 18,000	3	-
IN-MS-30	Electrical- Provide Classroom Audio System for Teacher Amplification	55	EA	\$ 3,760	\$ 206,800	\$ 248,200	3	-
	<b>Subtotal- Electrical Improvements @ Middle School</b>					\$ 400,600		\$ -
IN-MS-31	Plumbing- Provide Backflow Preventer at Water Service	1	LS	N/A	\$ 13,450	\$ 16,100	1	\$ 16,100
IN-MS-32	Plumbing- Replace Valves with Ball Valves	1	Allow	N/A	\$ 10,000	\$ 12,000	1	\$ 12,000
	<b>Subtotal- Plumbing Improvements @ Middle School</b>					\$ 28,100		\$ 28,100
	<b>Primary School</b>							
IN-PS-01	Exterior- Replace Sealant Under Roof Eaves	1,850	LF	\$ 9	\$ 16,650	\$ 20,000	3	-
IN-PS-02	Exterior- Re-Point Masonry Around Building	5,000	SF	\$ 38	\$ 188,300	\$ 226,000	3	-
IN-PS-03	Exterior- Remove Abandoned Chimney, inc. abatement	1	LS	N/A	\$ 157,000	\$ 188,400	3	-
IN-PS-04	Exterior- Replace FRP Doors & Frames	3	EA	\$ 10,000	\$ 30,000	\$ 36,000	1	\$ 36,000
	<b>Subtotal- Exterior Building Improvements @ Primary School</b>					\$ 470,400		\$ 36,000
IN-PS-05	Interior- Replace Ceiling at Kitchen	928	SF	\$ 9	\$ 8,352	\$ 10,000	1	\$ 10,000
IN-PS-06	Interior- Replace VAT Flooring & Base in Classrooms	28,000	SF	\$ 16	\$ 448,000	\$ 537,600	2	-
IN-PS-07	Interior- Replace Casework at Classrooms	620	LF	\$ 225	\$ 139,500	\$ 167,400	3	-
IN-PS-08	Interior- Replace Kitchen Equipment	1	Allow		\$ 438,000	\$ 525,600	3	-
IN-PS-09	Interior- Replace Operable Partition in Cafeteria	1	LS		\$ 150,000	\$ 180,000	3	-
IN-PS-10	Interior- Renovate Faculty Toilet Rooms for ADA Compliance	1	LS		\$ 100,000	\$ 120,000	3	-
	<b>Subtotal- Interior Building Improvements @ Primary School</b>					\$ 1,540,600		\$ 10,000
IN-PS-11	Mechanical- Upgrade Controls for RTU at Kitchen and Cafeteria	1	LS	N/A	\$ 13,450	\$ 16,100	1	\$ 16,100
IN-PS-12	Mechanical- Add Air Conditioning to UVs at Library	2	EA	\$ 16,140	\$ 32,280	\$ 38,700	2	-
IN-PS-13	Mechanical- Provide Cleaning of Ductwork	1	Allow	N/A	\$ 7,000	\$ 8,400	3	-
IN-PS-14	Mechanical- Upgrade Controllers	1	Allow	N/A	\$ 13,000	\$ 15,600	1	\$ 15,600
IN-PS-15	Mechanical- Provide Air Conditioning at (34) Classrooms	1	Allow	N/A	\$ 1,174,000	\$ 1,408,800	2	-
	<b>Subtotal- Mechanical Improvements @ Primary School</b>					\$ 1,487,600		\$ 31,700
IN-PS-15	Electrical- Add Additional Electrical Receptacles at Classrooms	55	EA	\$ 450	\$ 24,750	\$ 29,700	3	-
IN-PS-16	Electrical- Replace Circuit Breaker Panels	6	EA	\$ 7,500	\$ 45,000	\$ 54,000	1	\$ 54,000
IN-PS-17	Electrical- Perform Arc Flash Study	1	LS	N/A	\$ 15,000	\$ 18,000	3	-
IN-PS-18	Electrical- Replace Stage Lighting System with LED	1	Allow	N/A	\$ 85,000	\$ 102,000	2	-
IN-PS-19	Electrical- Upgrade Switches to Support Technology Changes	1	Allow	N/A	\$ 69,000	\$ 82,800	3	-
IN-PS-20	Electrical- Upgrade Classroom Lighting to LED Fixtures	1	Allow	N/A	\$ 180,000	\$ 216,000	2	-
IN-PS-21	Electrical- Provide Occupancy Sensors	35	EA	\$ 1,000	\$ 35,000	\$ 42,000	2	-
IN-PS-22	Electrical- Provide Classroom Audio System for Teacher Amplification	32	EA	\$ 3,760	\$ 120,320	\$ 144,400	3	-

Ichabod Crane Central School District  
2018 Capital Project Preliminary Estimate

As of September 13, 2018

CAT-BLDG-#	CATEGORY	QTY.	UNIT	UNIT COST	SUBTOTAL	ITEM COST	PRIORITY	PHASE 1
	<b>Subtotal- Electrical Improvements @ Primary School</b>					\$ 688,900		\$ 54,000
IN-PS-23	Plumbing- Provide Backflow Preventer at Water Service	1	LS	N/A	\$ 13,450	\$ 16,100	2	-
	<b>Subtotal- Plumbing Improvements @ Primary School</b>					\$ 16,100		\$ -
	<b>Maintenance Building</b>							
IN-MB-01	Exterior- Replace Exterior Doors/Frames with FRP	5	EA	\$ 10,000	\$ 50,000	\$ 60,000	2	-
	<b>Subtotal- Exterior Building Improvements @ Maintenance Building</b>					\$ 60,000		\$ -
IN-MB-02	Interior- Replace Carpet	1	LS	N/A	\$ 5,000	\$ 6,000	2	-
IN-MB-03	Interior- Replace VCT at Break Room	1	LS	N/A	\$ 3,000	\$ 3,600	2	-
IN-MB-04	Interior- Replace Lockers	1	LS	N/A	\$ 2,000	\$ 2,400	2	-
	<b>Subtotal- Interior Building Improvements @ Maintenance Building</b>					\$ 12,000		\$ -
IN-MB-05	Electrical- Provide 35KW Gas Standby Generator	35	LS	\$ 850	\$ 29,750	\$ 35,700	2	-
	<b>Subtotal- Electrical Improvements @ Maintenance Building</b>					\$ 35,700		\$ -
	<b>Bus Garage</b>							
IN-BG-01	Exterior- Replace Damaged/Rusted Exterior Siding Around Building & Re-Seal openings	1	LS	N/A	\$ 156,000	\$ 187,200	2	-
IN-BG-02	Exterior- Replace All Exterior Doors & Hardware	1	LS	N/A	\$ 30,000	\$ 36,000	1	\$ 36,000
	<b>Subtotal- Exterior Building Improvements @ Bus Garage</b>					\$ 223,200		\$ 36,000
IN-BG-03	Interior- Replace Interior Partition at Driver's Room & Office	1	LS	N/A	\$ 19,000	\$ 22,800	2	-
IN-BG-04	Interior- Provide Painting at Bay Walls	1	LS	N/A	\$ 13,000	\$ 15,600	2	-
IN-BG-05	Interior- Replace 1x1 Ceiling System at Mechanic's Room, 200 sq.ft.	1	LS	N/A	\$ 3,000	\$ 3,600	2	-
	<b>Subtotal- Interior Building Improvements @ Bus Garage</b>					\$ 42,000		\$ -
IN-BG-06	Electrical- Provide 50KW Gas Standby generator	1	LS	N/A	\$ 67,000	\$ 80,400	2	-
	<b>Subtotal- Electrical Improvements @ Bus Garage</b>					\$ 80,400		\$ -
IN-BG-07	Plumbing- Provide Backflow Preventer at Water Service	1	LS	N/A	\$ 13,450	\$ 16,100	1	\$ 16,100
IN-BG-08	Plumbing- Provide ADA-Compliant Drinking Fountains	1	LS	N/A	\$ 5,380	\$ 6,500	1	\$ 6,500
	<b>Subtotal- Plumbing Improvements @ Bus Garage</b>					\$ 22,600		\$ 22,600
	<b>SUBTOTAL - BUILDING INFRASTRUCTURE</b>				\$ 15,032,519	\$ 18,039,000		\$ 3,103,800

Ichabod Crane Central School District  
2018 Capital Project Preliminary Estimate

As of September 13, 2018

CAT-BLDG-#	CATEGORY	QTY.	UNIT	UNIT COST	SUBTOTAL	ITEM COST	PRIORITY	PHASE 1
CAT-BLDG-#	SITE INFRASTRUCTURE	Quantity	Unit	Unit Cost	Subtotal	Item Cost	Priority	PHASE 1
	<b>High School</b>							
SW-HS-01	Replace Site Sanitary System, 1956 Septic System at Front of Building	1	Allow	N/A	\$ 350,000	\$ 420,000	2	-
SW-HS-02	Replace 15,000 gal. Below Ground Fuel Tank with Propane Tank	1	LS	N/A	\$ 269,000	\$ 322,800	2	-
SW-HS-03	Asphalt Pavement Improvements at North Parking Lot- Provide Light Duty Overlay	3,500	SY	\$ 35	\$ 122,500	\$ 147,000	3	-
SW-HS-04	Asphalt Pavement Improvements at Entrance Drive from US Highway 9- Replace Heavy Duty Pav	810	SY	N/A	\$ 81,000	\$ 97,200	3	-
SW-HS-05	Asphalt Pavement Improvements at Pick-Up/Drop-Off Lanes- Replace Heavy Duty Paving	1,500	SY	N/A	\$ 127,000	\$ 152,400	2	-
SW-HS-06	Replace Concrete Curbs Near Main Entrance	200	LF	N/A	\$ 8,070	\$ 9,700	2	-
SW-HS-07	Replace Concrete Sidewalks at North Side of Building	300	SY	N/A	\$ 38,232	\$ 45,900	2	-
SW-HS-08	Replace Poles at Parking Lot Light Fixtures	1	LS	N/A	\$ 49,000	\$ 58,800	2	-
SW-HS-09	Replace Fence Posts at Tennis Courts	1	LS	N/A	\$ 3,000	\$ 3,600	3	-
SW-HS-10	Provide Site Reconfiguration- Connection Drive Thru Entire Campus	1	LS	N/A	\$ 345,000	\$ 414,000	1	\$ 414,000
	<b>Subtotal- High School</b>					\$ 1,671,400		\$ 414,000
	<b>Middle School</b>							
SW-MS-01	Drain & Remove Abandoned 500 gal. Propane Tank	1	LS	N/A	\$ 10,000	\$ 12,000	2	-
SW-MS-02	Replace Stormwater Management System	1	LS	N/A	\$ 150,640	\$ 180,800	1	\$ 180,800
SW-MS-03	Asphalt Pavement Improvements/Re-Configuration at Main Parking Lot, Light Duty	4,000	SY	N/A	\$ 300,000	\$ 360,000	1	\$ 360,000
SW-MS-04	Asphalt Pavement Improvements/Re-Configuration at Secondary Lot/BB Court, Light Duty	900	SY	N/A	\$ 79,000	\$ 94,800	1	\$ 94,800
SW-MS-05	Asphalt Pavement Improvements at Rear Drive Behind Building, Widen Driveway Width	1,150	SY	N/A	\$ 87,000	\$ 104,400	3	-
SW-MS-06	Asphalt Pavement Improvements at Entrance Drive to Main Lot & Bus Loop	1,200	SY	N/A	\$ 101,682	\$ 122,000	2	-
SW-MS-07	Asphalt Pavement Improvements at Bus Loop, Heavy Duty	3,400	SY	N/A	\$ 308,678	\$ 370,400	2	-
SW-MS-08	Improve Drainage System at Playfields East of Building	1	Allow	N/A	\$ 67,250	\$ 80,700	3	-
SW-MS-09	Add 6" Topsoil at Bare Spots at Playfields West of Building	1	LS	N/A	\$ 26,900	\$ 32,300	2	-
	<b>Subtotal- Middle School</b>					\$ 1,357,400		\$ 635,600
	<b>Primary School</b>							
SW-PS-01	Upgrade Water Service Piping	1	Allow	N/A	\$ 177,000	\$ 212,400	3	-
SW-PS-02	Replace Poles at Parking Lot Light Fixtures	1	LS	N/A	\$ 75,000	\$ 90,000	3	-
SW-PS-03	Provide Additional Playground Equipment	1	LS	N/A	\$ 188,000	\$ 225,600	3	-
SW-PS-04	Replace Asphalt Pavement at Play Area	4,180	SF	N/A	\$ 95,000	\$ 114,000	3	-
SW-PS-05	Remove & Replace Wood Borders	450	LF	N/A	\$ 29,000	\$ 34,800	3	-
SW-PS-06	Provide Topsoil, Seed & Mulch at Playfields	4,000	SY	N/A	\$ 25,000	\$ 30,000	3	-
	<b>Subtotal- Primary School</b>					\$ 706,800		\$ -
	<b>Maintenance Building</b>							
SW-MB-01	Provide Concrete Bollards to Protect Fuel Tank	1	LS	N/A	\$ 10,000	\$ 12,000	2	-
	<b>Subtotal- Maintenance Building</b>					\$ 12,000		\$ -
	<b>SUBTOTAL - SITE INFRASTRUCTURE</b>				\$ 3,122,952	\$ 3,747,600		\$ 1,049,600

SUBTOTAL	ITEM COST	PHASE 1
\$ 42,809,243	\$ 51,371,000	\$ 28,615,200

NOTES:

Items marked with an Asterisk denote unsatisfactory items from the 2015 BCS.

Subtotal column includes General Conditions (8%), Insurance & Bonds (3.6%), Escalation (9%), Construction Contingency (5%), and Design Contingency (10%)

Items Cost column includes District Incidentals (20%)