

Miscellaneous

Fiscal Year 2013-2014

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPARTMENT

**Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:**

Project Name: ARBOR PARK MAINTENANCE

Type of Project : FACILITIES

Project Description: MAINTENANCE OF ARBOR PARK. THIS CONSISTS OF APPROX. 8,800 SF OF PAVING WALK WAYS..

Justification:

Benefits: SAFETY FOR USERS ON PAVEMENTS AND WALK WAYS.

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction		\$30,000								
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$ 30,000								

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other

CAPITAL IMPROVEMEN₁ PROGRAM SURVEY

Proposed Project Detail

Agency/Department: **PUBLIC WORKS DEPT.**

Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:

Project Name: **TOWN GREEN GAZEBO**

Type of Project:

Project Description: **REPLACEMENT OF GAZEBO IN CENTER GREEN**

Justification: **THE GAZEBO IN THE CENTER OF TOWN IS OLD AND IN NEED OF REPLACEMENT.**

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering			\$25,000							
Site & ROW Acquisition										
Construction										
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$ 25,000							

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other

CAPITAL IMPROVEMEN₁ PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPARTMENT

Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:

Project Name: PARKING LOTS MAINTENANCE

Type of Project: FACILITIES

Project Description: FUNDS WILL BE USED TO REPAIR AND PAVE THE PARKING LOTS AND AREAS OF THE TOWN FACILITIES. LIBRARY, SCHOOL AND OTHER TOWN FACILITY'S PARKING LOTS.

Justification:

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction			\$50,000	\$20,000	\$60,000					
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$50,000	\$20,000	\$60,000					

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL

Agency/Department: HALL MEMORIAL LIBRARY	Project Name: GENERATOR INSTALLATION				
Project Description: Install concrete pad for generator Install a 150 KVA generator Install a 1200 amp Automatic Transfer Switch Connect the generator to the main service and the ATS Connect the generator to the gas service	Priority Rank by Agency/Department				
	<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Justification: As the major storms of the past year have demonstrated, the library serves as an important piece of the town emergency shelter system, providing residents with a warm/cool place to use computers, charge electronics, receive and exchange information, conduct business, and to gather and relax during a time of stress. The library also regularly serves as the emergency cooling center during extreme heat. Installing an emergency backup generator would ensure that the library is available to residents even during power outages. A generator would also help to preserve the assets of the library building and its contents by providing the power for the emergency systems during a power outage. The recent conversion of the heating system to natural gas and the connection to the natural gas line on Maple Street makes this the logical time to consider such an installation. The Library is the last public building to be equipped with a backup generator.	Required/Desired Date of Project Completion:				
Benefits: The installation of a natural gas powered emergency back up generator would ensure the use of the library as a part of the town emergency shelter plan and also help to preserve the library building and contents during an emergency power outage.	Type of Project: Equipment purchase and installation				

Costs if not implement:

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases	1	\$85,000*								Scobar Electrical Contractors
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN										

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

*Includes a guesstimate for gas piping.



**EPA-Certified for Stationary
Emergency Applications**

Standard Features

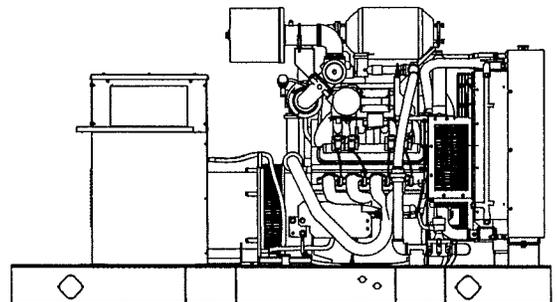
Ratings Range

Standby:	kW kVA	60 Hz	50 Hz
		106-150 106-188	91-130 91-162

- Kohler Co. provides one-source responsibility for the generating system and accessories.
- The generator set and its components are prototype-tested, factory-built, and production-tested.
- The 60 Hz generator set offers a UL 2200 listing.
- The generator set accepts rated load in one step.
- The 60 Hz generator set meets NFPA 110, Level 1, when equipped with the necessary accessories and installed per NFPA standards.
- A one-year limited warranty covers all systems and components. Two- and five-year extended warranties are also available.
- Alternator features:
 - The unique Fast-Response™ X excitation system delivers excellent voltage response and short-circuit capability using a rare-earth, permanent magnet (PM)-excited alternator.
 - The brushless, rotating-field alternator has broadrange reconnectability.
- Other features:
 - Controllers are available for all applications. See controller features inside.
 - The electronic, isochronous governor incorporates an integrated drive-by-wire throttle body actuator delivering precise frequency regulation.

Generator Set Ratings

Alternator	Voltage	Ph	Hz	Natural Gas 130°C Rise Standby Rating	
				kW/kVA	Amps
4R13X	120/208	3	60	137/171	475
	127/220	3	60	143/179	469
	120/240	3	60	137/171	412
	120/240	1	60	107/107	446
	139/240	3	60	150/188	451
	220/380	3	60	124/155	235
	277/480	3	60	150/188	226
	347/600	3	60	149/186	179
	110/190	3	50	116/145	441
	115/200	3	50	117/146	421
	120/208	3	50	116/145	402
	110/220	3	50	116/145	381
	110/220	1	50	98/98	445
	220/380	3	50	116/145	220
230/400	3	50	117/146	211	
240/416	3	50	116/145	201	
4S12X	120/208	3	60	150/188	520
	127/220	3	60	150/188	492
	120/240	3	60	150/188	451
	120/240	1	60	106/106	442
	139/240	3	60	150/188	451
	220/380	3	60	140/175	266
	277/480	3	60	150/188	226
	347/600	3	60	150/188	180
	110/190	3	50	130/162	492
	115/200	3	50	130/162	468
	120/208	3	50	130/162	450
	110/220	3	50	130/162	425
	110/220	1	50	106/106	482
	220/380	3	50	130/162	246
230/400	3	50	130/162	234	
240/416	3	50	130/162	225	
4S13X	120/208	3	60	150/188	520
	127/220	3	60	150/188	492
	120/240	3	60	150/188	451
	120/240	1	60	113/113	471
	139/240	3	60	150/188	451
	220/380	3	60	150/188	285
	277/480	3	60	150/188	226
	347/600	3	60	150/188	180
	110/190	3	50	130/162	492
	115/200	3	50	130/162	468
	120/208	3	50	130/162	450
	110/220	3	50	130/162	435
	110/220	1	50	113/113	514
	220/380	3	50	130/162	246
230/400	3	50	130/162	234	
240/416	3	50	130/162	225	
4T13X	120/240	1	60	144/144	600
	110/220	1	50	91/91	414



RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor. Standby Ratings: The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Prime Power Ratings: At varying load, the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-8528-1 and ISO-3046-1. For limited running time and continuous ratings, consult the factory. Obtain technical information bulletin (TIB-101) for ratings guidelines, complete ratings definitions, and site condition derates. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.

Alternator Specifications

Specifications	Alternator
Manufacturer	Kohler
Type	4-Pole, Rotating-Field
Exciter type	Brushless, Rare-Earth Permanent Magnet
Leads: quantity, type	
4RX, 4SX	12, Reconnectable
4TX	4, 110-120/220-240
Voltage regulator	Solid State, Volts/Hz
Insulation:	NEMA MG1
Material	Class H
Temperature rise	130°C, Standby
Bearing: quantity, type	1, Sealed
Coupling	Flexible Disc
Amortisseur windings	Full
Voltage regulation, no-load to full-load	Controller Dependent
One-step load acceptance	100% of Rating
Unbalanced load capability	100% of Rated Standby Current
Peak motor starting kVA:	(35% dip for voltages below)
480 V, 380 V 4R13X (12 lead)	540 (60 Hz), 435 (50 Hz)
480 V, 380 V 4S12X (12 lead)	480 (60 Hz), 380 (50 Hz)
480 V, 380 V 4S13X (12 lead)	570 (60 Hz), 463 (50 Hz)
240 V, 220 V 4T13X (4 lead)	390 (60 Hz), 396 (50 Hz)

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and dripproof construction.
- Vacuum-impregnated windings with fungus-resistant epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.

Application Data

Engine

Engine Specifications	60 Hz	50 Hz
Manufacturer	General Motors	
Engine: model, type	Industrial Powertrain, Vortec 8.1 L, 4-Cycle, Turbocharged and Charge Cooled	
Cylinder arrangement	V-8	
Displacement, L (cu. in.)	8.1 (496)	
Bore and stroke, mm (in.)	108 x 111 (4.25 x 4.37)	
Compression ratio	9.1:1	
Piston speed, m/min. (ft./min.)	399 (1311)	332 (1092)
Main bearings: quantity, type	Alum. Lead Silicon Alloy	
Rated rpm	1800	1500
Max. power at rated rpm, kW (HP)	170 (228)	149 (200)
Cylinder head material	Cast Iron	
Piston type and material	Strutless Flat Top, Hypereutectic Cast Alum.	
Crankshaft material	Cast Nodular Undercut Rolled Fillet	
Governor type	Electronic	
Frequency regulation, no-load to full-load	Isochronous	
Frequency regulation, steady state	±0.5%	
Frequency	Fixed	
Air cleaner type, all models	Dry	

Exhaust

Exhaust System	60 Hz	50 Hz
Exhaust manifold type	Dry	
Exhaust flow at rated kW, m ³ /min. (cfm)	30.1 (1063)	23.7 (837)
Exhaust temperature at rated kW, dry exhaust, °C (°F)	649 (1200)	
Maximum allowable back pressure, kPa (in. Hg)	10.2 (3.0)	
Exhaust outlet size at engine hookup, mm (in.)	Flanged Outlet at Catalyst see ADV drawing	

Engine Electrical

Engine Electrical System	60 Hz	50 Hz
Ignition system	Individual Coil Near Plug Ignition	
Battery charging alternator:		
Ground (negative/positive)	Negative	
Volts (DC)	12	
Ampere rating	70	
Starter motor rated voltage (DC)	12	
Battery, recommended cold cranking amps (CCA):		
Qty., rating for -18°C (0°F)	1, 630	
Battery voltage (DC)	12	

Fuel

Fuel System	60 Hz	50 Hz
Fuel type	Natural Gas	
Fuel supply line inlet	1.5 NPTF	
Natural gas fuel supply pressure, measured at the generator set fuel inlet downstream of any fuel system equipment accessories, kPa (in. H ₂ O)	1.74-2.74 (7.0-11.0)	

Fuel Composition Limits *	Nat. Gas
Methane, % by volume	90 min.
Ethane, % by volume	4.0 max.
Propane, % by volume	1.0 max.
Propene, % by volume	0.1 max.
C ₄ and higher, % by volume	0.3 max.
Sulfur, ppm mass	25 max.
Lower heating value, kJ/m ³ (Btu/ft ³), min.	26.6 (890)

* Fuels with other compositions may be acceptable. If your fuel is outside the listed specifications, contact your local distributor for further analysis and advice.

Application Data

Lubrication

Lubricating System	60 Hz	50 Hz
Type	Full Pressure	
Oil pan capacity, L (qt.)	8.0 (8.5)	
Oil pan capacity with filter, L (qt.)	8.5 (9.0)	
Oil filter: quantity, type	1, Cartridge	

Cooling

Radiator System	60 Hz	50 Hz
Ambient temperature, °C (°F) *	50 (122)	
Engine jacket water capacity, L (gal.)	10.0 (2.6)	
Radiator system capacity, including engine, L (gal.)	24.2 (6.4)	
Engine jacket water flow, Lpm (gpm)	125 (33)	102 (27)
Heat rejected to cooling water at rated kW, dry exhaust, kW (Btu/min.)	129 (7320)	91 (5190)
Heat rejected to charge cooling air at rated kW, dry exhaust, kW (Btu/min.)	13.2 (750)	11.0 (625)
Heat rejected to engine oil at rated kW, dry exhaust, kW (Btu/min.)	1.7 (95)	1.5 (86)
Water pump type	Centrifugal	
Fan diameter, including blades, mm (in.)	711 (28.0)	
Fan, kWm (HP)	23.1 (31)	13.4 (18)
Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H ₂ O)	0.125 (0.5)	

* Enclosure with enclosed silencer reduces ambient temperature capability by 5°C (9°F).

Operation Requirements

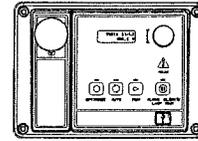
Air Requirements	60 Hz	50 Hz
Radiator-cooled cooling air, m ³ /min. (scfm) †	340 (12000)	258 (9100)
Combustion air, m ³ /min. (cfm)	10.3 (365)	7.9 (278)
Heat rejected to ambient air:		
Engine, kW (Btu/min.)	84.2 (4790)	60.6 (3450)
Alternator, kW (Btu/min.)	16.0 (912)	12.5 (709)

† Air density = 1.20 kg/m³ (0.075 lbm/ft³)

Fuel Consumption ‡	60 Hz	50 Hz
Natural Gas, m ³ /hr. (cfh) at % load	Standby Ratings	
100%	54.7(1930)	50.2(1770)
75%	42.9(1512)	38.0(1340)
50%	31.5(1112)	27.4 (965)
25%	20.0 (707)	17.2 (607)
0%	10.4 (369)	8.8 (310)

‡ Nominal fuel rating: Natural gas, 37MJ/m³ (1000 Btu/ft.³)

Controllers

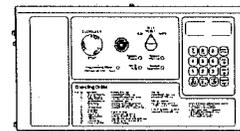


Decision-Maker[®] 3000 Controller

Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Digital display and menu control provide easy local data access
- Measurements are selectable in metric or English units
- Scrolling display shows critical data at a glance
- Integrated hybrid voltage regulator with ±0.5% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-100 for additional controller features and accessories.

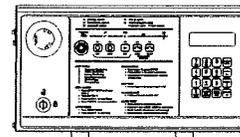


Decision-Maker[®] 550 Controller

Provides advanced control, system monitoring, and system diagnostics with remote monitoring capabilities.

- Digital display and keypad provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or modem configuration
- Controller supports Modbus[®] protocol
- Integrated voltage regulator with ±0.25% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-46 for additional controller features and accessories.



Decision-Maker[®] 6000 Paralleling Controller

Provides advanced control, system monitoring, and system diagnostics with remote monitoring capabilities for paralleling multiple generator sets.

- Paralleling capability with first-on logic, synchronizer, kW and kVAR load sharing, and protective relays
- Digital display and keypad provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or modem configuration
- Controller supports Modbus[®] protocol
- Integrated voltage regulator with ±0.25% regulation
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Refer to G6-107 for additional controller features and accessories.

Additional Standard Features

- Alternator Protection
- Battery Rack and Cables
- Customer Connection
(Standard with Decision-Maker® 6000 controller only)
- Electronic, Isochronous Governor
- Gas Fuel System (includes fuel mixer, electronic secondary gas regulator, gas solenoid valve, and flexible fuel line between the engine and the skid-mounted fuel system components)
- Integral Vibration Isolation
- Local Emergency Stop
- Oil Drain Extension
- Operation and Installation Literature
- Three-Way Exhaust Catalyst

Available Options

Approvals and Listings

- CSA Approval
- IBC Seismic Certification
- UL 2200 Listing

Enclosed Unit

- Sound Enclosure (with enclosed critical silencer)
- Weather Enclosure (with enclosed critical silencer)

Open Unit

- Exhaust Silencer, Critical (kit: PA-324470)
- Flexible Exhaust Connector, Stainless Steel

Fuel System

- Flexible Fuel Line
(required when the generator set skid is spring mounted)
- Gas Filter
- Secondary Gas Solenoid Valve

Controller

- Common Fault Relay
- Communication Products and PC Software
- Customer Connection
(Decision-Maker® 550 and 6000 controllers only)
- Dry Contact (isolated alarm)
(Decision-Maker® 550 and 6000 controllers only)
- Input/Output Module (Decision-Maker® 3000 controller only)
- Remote Annunciator Panel
- Remote Audiovisual Alarm Panel
(Decision-Maker® 550 and 6000 controllers only)
- Remote Emergency Stop
- Run Relay

Cooling System

- Block Heater, 1800 W, 110-120 V
- Block Heater, 2000 W, 190-240 V
[recommended for ambient temperatures below 10°C (50°F)]
- Radiator Duct Flange

Electrical System

- Alternator Strip Heater
- Battery
- Battery Charger, Equalize/Float Type
- Battery Heater
- Line Circuit Breaker (NEMA1 enclosure)
- Line Circuit Breaker with Shunt Trip (NEMA1 enclosure)

Miscellaneous

- Air Cleaner Restrictor Indicator
- Certified Test Report
- Engine Fluids Added
- Rated Power Factor Testing
- Rodent Guards

Literature

- General Maintenance
- NFPA 110
- Overhaul
- Production

Warranty

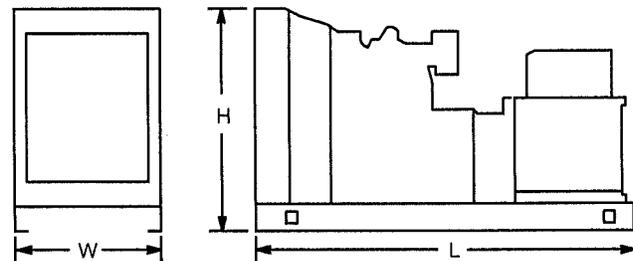
- 2-Year Basic
- 5-Year Basic
- 5-Year Comprehensive

Other Options

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Dimensions and Weights

Overall Size, L x W x H, mm (in.): 2800 x 1120 x 1538
 (110.2 x 44.1 x 60.6)
 Weight (radiator model), wet, kg (lb.): 1440 (3175)



NOTE: This drawing is provided for reference only and should not be used for planning installation. Contact your local distributor for more detailed information.

DISTRIBUTED BY:

From: scott barall [mailto:sbarall@sbcglobal.net]
Sent: Wednesday, November 14, 2012 6:48 AM
To: phillips@biblio.org
Subject: Generator for HML CRM:0010459

Hi Susan,

Please find attached the proposal and specs as requested for an automatic back up generator. Please keep in mind that this is a high estimate and takes into account that the whole building can run off the generator. The gas piping is not included in the quote.

Thank you,

Scott A. Barall , PM & Estimator
Scobar Electrical Contractors, Inc.
67 Old Windsor Rd.
Bloomfield, CT 06002
(860)242-4888-Office
(860)242-0039-Fax

CT Lic. # E1-104594

www.scobarelectric.com

Based on the 106kW demand during the summer months the 125kW may be fine but recommend 150kW for budget reasons.

SCOBAR

ELECTRICAL CONTRACTORS, INC.

67 Old Windsor Road, Bloomfield, Connecticut 06002

Bus. (860) 242-4888 • Fax (860) 242-0039 • CT Lic. # E1-104594 • MA Lic. # A 15620

November 14, 2012

Ms. Susan Phillips
Hall Memorial Library
93 Main Street
Ellington, CT 06029

RE: Back up Generator

COMPLETE MISC. WORK AS FOLLOWS:

- 1) Furnish and install a concrete pad for the generator.
- 2) Furnish and install a Kohler 150 kva generator per submitted specifications.
- 3) Furnish and install a 1200 amp ATS per submitted specifications.
- 4) Connect the generator to the main service and to the ATS and make all necessary control connections between the generator and the transfer switch.

Total price with material and labor.....	\$ 82,000.00
Permit.....	\$ 1,424.00
Tax.....	?

This estimate is valid for 30 days and may be withdrawn after that.

Thank you for the opportunity to estimate this job!!!



Scott A. Barall, Estimator
SCOBAR ELECTRICAL CONTRACTORS, INC.

Bloomfield
(860) 242-4888

Simsbury
(860) 658-7410

Enfield
(860) 745-2106

Tolland
(860) 872-8330

New Britain
(860) 829-6033

Bristol
(860) 585-1168

Meriden
(203) 238-3142

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPARTMENT

**Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:**

Project Name: TRANSFER STATION

Type of Project: FACILITIES

Project Description: SITE IMPROVEMENTS TO PUBLIC WORKS AREA TRANSFER STATION PER STATE PERMIT

Justification: IMPROVE LOCAL DROP OFF SITE AT THE TOWN GARAGE.

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction		\$10,000	\$10,000							
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$10,000	\$10,000							

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPT.

Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:

Project Name:

Type of Project:

Project Description: LANDFILL/BRUSH DUMP REDEVELOPMENT

Justification: REDEVELOP THE EXISTING BRUSH DUMP PLAN WITH THE STATE DEEP.

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering			\$10,000							
Site & ROW Acquisition										
Construction										
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$ 10,000							

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
 (7) General Fund (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL	
Agency/Department: Assessor's Office	Project Name: Revaluation 2015
Project Description: The Revaluation of all Real Property in the Town of Ellington	Priority Rank by Agency/Department
	<input type="checkbox"/> #1 Committed Project <input type="checkbox"/> #2 Urgent Project <input checked="" type="checkbox"/> #3 Needed Project <input type="checkbox"/> #4 Desirable Project <input type="checkbox"/> #5 Acceptable Project
Justification: State Statute 12-62 mandates that Towns implement periodic revaluations. The statute as amended in 2006 requires a revaluation every five years, with a full physical revaluation every ten years. Currently we are required to implement an update revaluation for the October 1, 2015 Grand List. An update revaluation does not require a full physical inspection of all properties. The estimation of cost for the 2015 revaluation takes into consideration the possibility of a change to the State Statute which would require a full physical inspection of all properties for the 2015 revaluation.	Required/Desired Date of Project Completion: January 31, 2016
Benefits: The purpose of a revaluation is to equalize assessed values within the jurisdiction. Upon implementation of the revaluation, there is a balancing of the town's real property tax burden among the taxpayers.	Type of Project: Revaluation
Costs if not implement: Failure to comply with the provisions of State Statute 12-62 results in the forfeiture of 10% of the total amount of state grant-in-aid, determined by statutory formula, for each year that a revaluation is not implemented as required.	

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases										
Other (Identify) Reval	1		\$150,000	\$150,000				\$300,000		Prior Revaluation
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN								\$300,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPARTMENT

**Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:**

Project Name: COMPUTER SOFTWARE PROGRAMS

Type of Project: ADMINISTRATION

Project Description: THIS PROPOSAL IS TO REQUEST FUNDING TO CONTINUE TO STUDY EVALUATE AND PURCHASE SOFTWARE PROGRAMS THAT WILL ENABLE THE DEPARTMENT TO UP-DATE OUR ABILITY TO TRACK SERVICES, MAN-HOURS AND FLEET SERVICES. FUNDING IS SOUGHT IN YEARS 2013/14 AND 2014/15 TO PURCHASE PROGRAMS. ADDITIONAL FUNDING MAY BE REQUESTED AS SOFTWARE PROGRAMS ARE RESEARCHED.

Justification:

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases										
Other (Identify)		\$10,000	\$10,000	\$10,000						
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$10,000	\$10,000	\$10,000						

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment (7) General Fund(8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL	
Agency/Department: Finance Office	Project Name: Town Hall Document Management Study
Project Description: To study the feasibility of the computerization of town documents.	Priority Rank by Agency/Department
	<input type="checkbox"/> #1 Committed Project <input type="checkbox"/> #2 Urgent Project <input type="checkbox"/> #3 Needed Project <input type="checkbox"/> #4 Desirable Project <input type="checkbox"/> #5 Acceptable Project
Justification: With the computerization of town documents, departments would then have access to the records.	Required/Desired Date of Project Completion:
Benefits: First, reducing the need to build additional vaults to store town records. Second, the records would be computerized. Third, town departments would have access to the important records.	Type of Project: Study

Costs if not implement:

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering	1	\$15,000						\$15,000		
Site & ROW Acquisition										
Construction										
Equipment Purchases										
Other (Identify)										
SUBTOTAL		\$15,000						\$15,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$15,000						\$15,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPT.

**Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:**

Project Name: HIGH SCHOOL TRACK

Type of Project:

Project Description: RESURFACE OF HIGH SCHOOL TRACK

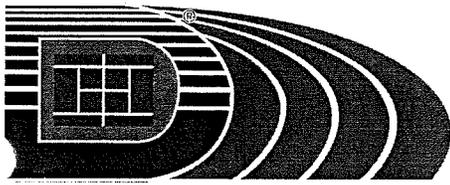
Justification: HIGH SCHOOL TRACK IS IN NEED OF RESURFACING. IT WAS LAST DONE IN 2006.

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction		\$60,000								
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$60,000								

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other



DALTON TRACK & TENNIS

SURFACE SPECIALISTS

19 Willow Street, Cheshire, CT 06410 • 203-250-2187 • Fax: 203-250-2188 • www.trackandtennis.com

May 15, 2012

Tim Webb, Director
Town of Ellington DPW
21 Main Street P.O. Box 187
Ellington, CT 06029

RE: DALTON TRACK REPAIR & RESURFACING

Dear Mr. Webb:

It was a pleasure to meet with you last week and inspect the current condition of the running track. Per our discussion, please find our recommendations and budget price to perform the work as described:

- **DALTON "RE-TRACK 300"**
 - 1.) Air blow and thoroughly clean entire Track and all Event Areas, removing any loose or non-adhering rubber.
 - 2.) Cut out all deteriorated and/or delaminated sections of the Track Surface and patch with (RED) DALTON TRACK URETHANE PATCH MIX.
 - 3.) Furnish and apply heavy coat of DALTON "INTERLOCK" Tack Coat Interface to all Track Surface and/or Pavement Areas to be surfaced.
 - 4.) Furnish and apply TWO (2) coats of (RED) DALTON "RE-TRACK 300" Polyresin-Bound Structural Spray to entire Track and all Event Areas.
 - 5.) Layout and paint all lane lines and event markings as existing.

Budget Price: \$49,000.00

Please note that should you select DALTON for future work, I can assure you of the finest available materials, first-class workmanship with strong attention for detail and a timely installation. Please feel free to contact me with any questions, concerns or additional information. Looking forward to hearing from you.

Very truly yours,
DALTON TRACK & TENNIS

Brad Lipkvich
Regional Sales Manager



CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPARTMENT

**Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:**

Project Name: FIELD IRRIGATION

Type of Project: PARKS & FIELDS

Project Description: TO STUDY AND INSTALL IRRIGATION ON TOWN FIELDS.

Justification: FUNDING WILL PROVIDE MONIES TO EXTEND IRRIGATION TO FIELDS THAT CURRENTLY DO NOT HAVE IRRIGATION AND TO STUDY THE AVAILABILITY OF IRRIGATION TO OUR PLAYING FIELDS.

Benefits: THE FIELDS GET A LOT OF USE AND NO REST. IRRIGATION KEEPS THE FIELDS USABLE.

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction					\$10,000					
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN					\$10,000					

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education	Project Name: Field Irrigation Windermere and High School				
Project Description: This project involves installing irrigation to playing fields.	Priority Rank by Agency/Department				
	<table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #1 Committed Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #2 Urgent Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #3 Needed Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #4 Desirable Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #5 Acceptable Project</td> </tr> </table>	<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project
<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project	
Justification: The fields are burning out and hard during the summer months.	Required/Desired Date of Project Completion: 09/2015				
Benefits: Recess and play time are very important to both the health and happiness of children.	Type of Project: Grounds Maintenance and Repair				

Costs if not implement: Continual costs for repairs as well as potential liability .

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATE
Planning & Engineering				\$20,000				\$20,000		
Site & ROW Acquisition										
Construction				\$380,000				\$380,000		
Equipment Purchases				\$100,000				\$100,000		
Other (Identify)										
SUBTOTAL				\$500,000				\$500,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN				\$500,000				\$500,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL	
Agency/Department: Public Works	Project Name: Backstops and Fencing
Project Description: Replacement of backstops and fencing at the High School, Windermere School, and Brookside Park as needed.	Priority Rank by Agency/Department
	<input type="checkbox"/> #1 Committed Project <input type="checkbox"/> #2 Urgent Project <input type="checkbox"/> #3 Needed Project <input type="checkbox"/> #4 Desirable Project <input type="checkbox"/> #5 Acceptable Project
Justification: Make repairs and replace fencing and backstops on all fields and areas as they become worn.	Required/Desired Date of Project Completion: As needed basis
Benefits:	Type of Project: Parks & Fields

Costs if not implement:

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction	1		\$10,000	\$10,000				\$10,000		
Equipment Purchases										
Other (Identify)										
SUBTOTAL			\$10,000	\$10,000				\$10,000		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$10,000	\$10,000				\$10,000		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPARTMENT

Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:

Project Name: PLAYING FIELD SURFACES

Type of Project: PARKS & FIELDS

Project Description: TO IMPROVE ALL PLAYING SURFACES, BASEBALL, FOOTBALL AND TRACK.

Justification: FUNDING THIS PROJECT WILL ENABLE THE DEPARTMENT TO HAVE FUNDS NEEDED TO CONTINUE TO INSURE THAT ALL PLAYING FIELDS HAVE THE PROPER FIELD MIX AND PLAYING SURFACES TO PROTECT ALL USERS. BASEBALL AND SOFTBALL INFIELD MIX.

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000				
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000				

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPT.

Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:

Project Name:

Type of Project:

Project Description: TENNIS COURT MAINTENANCE

Justification: FUTURE TENNIS COURT MAINTENANCE. THE COURTS AT THE HIGH SCHOOL ARE NEW AND BROOKSIDE PARK HAVE BEEN RESURFACED THIS YEAR. MAINTENANCE WILL NOT BE NEEDED UNTIL 2017.

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction						\$10,000				
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN						\$10,000				

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
 (7) General Fund(8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

Proposed Project Detail

Agency/Department: PUBLIC WORKS DEPT.

Priority Rank by Agency/Dept:
Required/Desired Date of Project Completion:

Project Name: PINNEY STREET FIELDS

Type of Project:

Project Description: CONSTRUCTION OF THREE ATHLETIC FIELDS ON THE OPEN SPACE ON PINNEY STREET. FIELDS TO BE CONSTRUCTED ARE SOCCER AND LACROSSE. THE PROJECT FUNDING MAY BE REDUCED PENDING A STEAP GRANT APPLICATION WITH THE STATE. FUNDING IS RECOMMENDED THROUGH THE BOND PROCESS.

Justification: ALLOWS THE FIELDS TO REST ANNUALLY AND PROMOTE SAFER TURF FIELDS FOR THE MANY RECREATION PROGRAMS IN ELLINGTON.

Benefits:

Costs If Not Implemented:

ESTIMATED PROJECT COSTS	FUNDING SOURCE	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction	3,4	\$550,000								
Equipment Purchases										
Other (Identify)										
SUBTOTAL										
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$550,000								

FUNDING SOURCE: (1) Capital Non-Recurring Fund (2) Short-Term Note (3) Bond Issue (4) Grant (5) Trust Fund (6) Special Assessment
(7) General Fund(8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL										
Agency/Department: Crystal Lake Fire Department							Project Name: Parking Lot			
Project Description: Replace Parking Lot							Priority Rank by Agency/Department			
							<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project
Justification: To replace parking lot which has significant damage like sinkholes, cracks and missing curbs							Required/Desired Date of Project Completion:			
Benefits: Prevent damage to vehicles that use parking lot, help with drainage problems							Type of Project:			
Costs if not implement: Continued repairs would be needed										
ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATES
Planning & Engineering										
Site & ROW Acquisition										
Construction	1	\$64000								
Equipment Purchases										
Other (Identify)										
SUBTOTAL		\$64000								
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$64000								

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education	Project Name: Windermere School Generator										
Project Description: Project involves installing and wiring a 200KW generator for Windermere School	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th colspan="5">Priority Rank by Agency/Department</th> </tr> <tr> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #1 Committed Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #2 Urgent Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #3 Needed Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #4 Desirable Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #5 Acceptable Project</td> </tr> </table>	Priority Rank by Agency/Department					<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project
Priority Rank by Agency/Department											
<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project							
Justification: Windermere is the only school without a generator. During a power outage the 800+ population would have to be dismissed with no emergency power to run minimal lighting, heating, cooking, etc. In addition, there is no emergency shelter for the southwest portion of the town.	Required/Desired Date of Project Completion: 09/2013										
Benefits: Town would have a school that could sustain itself in an emergency situation as well as provide shelter if needed.	Type of Project: Equipment										

Costs if not implement: Liability and damage resulting from inability to provide a minimum level of heat and shelter for the structure, students, and/or community during an emergency situation.

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATE
Planning & Engineering										
Site & ROW Acquisition										
Construction										
Equipment Purchases		\$95,000						\$95,000		
Other (Identify)		\$9,500						\$9,500		
SUBTOTAL		\$104,500						\$104,500		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN		\$104,500						\$104,500		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

BUDGET



Quote Number	Project Name	Project Location	Date
P-11-2376	Ellington Schools	Ellington CT	10/26/2011

From: Richard Cupillo
14 Connecticut South Drive
East Granby, CT 06026
Phone: (860) 844-2220
Fax: (860) 844-6136
Email: RCupillo@KinsleyPower.com
Cell: (860) 930-3479

Qty	Bill of Material Summary
1	Kohler 200KW (diesel), 48 hr Tank, outdoor sound enclosure, 1200A ATS, standard accessories, freight and start up
1	Distributor Start-Up and Installation Start-up Service with Connected Load Test & Batteries Concrete Pad, crane service to rig new unit in place, install ATS in Electrical Room, excavating and trenching, installation of conduit and conduit, weekend shut down to install ATS.

Spec/Notes:

Terms	Retainage	F.O.B.	Mfg. Manuals
Net 30	No Retainage Allowed	Source	1

OFFER TOTAL SELL PRICE: \$95,000.00

Price Quotation Expires in 30 Days
Price does not include state sales tax, or installation

Proposed By:

Company: Kinsley Power Systems, Inc.
Signature: Richard Cupillo
Printed Name: Richard Cupillo
Title: Sales Engineer
Date: Wednesday, October 26, 2011

TERMS & CONDITIONS: BUDGET

The Energy Solutions Company

«ics_salesterritoryquote_address1_line1»
«ics_salesterritoryquote_address1_city»,
«ics_salesterritoryquote_address1_stateor»
«ics_salesterritoryquote_address1_postalc»
800.255.3503
www.kinsleypower.com

Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Selley Robert

From: Richard Cupillo [RCupillo@KinsleyPower.com] **Sent:** Wed 10/26/2011 4:11 PM
To: Littizzio Anthony; Selley Robert
Cc:
Subject: RE: Electric Demand Windermere School Ellington Re: Generator CRM:0010269
Attachments:  P-11-2376 REV1 BUDGET WQ.PDF(248KB)

The 200kW is the lowest KW you should install. See attached.

Richard Cupillo

Sales Engineer

Kinsley Power Systems

14 Connecticut South Drive

East Granby, CT 06026

860.844.2220 direct 860.844.6136 fax

860.930.3479 cell

www.kinsley-group.com



From: Littizzio Anthony [mailto:Alittizzio@ellingtonschools.net]
Sent: Wednesday, October 26, 2011 3:46 PM
To: Selley Robert
Cc: Richard Cupillo
Subject: Electric Demand Windermere School Ellington Re: Generator

Bob,

In reviewing the electric bills for Windermere School, I have found that the largest

<http://messaging.ellingtonschools.net/exchange/rselley/Inbox/RE:%20Electric%20Deman...> 10/27/2011

monthly consumption for 2010-2011 was 46,560 KW with a distribution demand high of 144.4 KW.

I hope this helps Rich in determining prices for a generator for Windermere. If the 144.4KW determines what the unit should be able to supply on a regular basis, perhaps the 200KW would be a better fit.

The 150 KW may also be able to power up the whole building but running at a 96% capacity from time to time. (If I am correct in assuming that's why the demand number is so important.)

Perhaps we could get the price of both a 150KW and a 200KW unit and weigh the difference in the installation costs of tying into a main panel versus certain "pieces" at a time.

I look forward to getting the estimates for inclusion into the 2012-2013 Capital Budget.

I am sending a copy of this e-mail to Richard Cupillo from Kinsley Power and would ask that if he has any questions or needs more information, he can call either of us.

Thanks,
"Tony"

Anthony P. Littizzio
Business Director
Ellington Public Schools
860-896-2300 Ext 30

CAPITAL IMPROVEMENT PROGRAM SURVEY

PROPOSED PROJECT DETAIL

Agency/Department: Ellington Board of Education	Project Name: Windermere School Parking Lot Repairs				
Project Description: To resurface the south side parking and driveway areas of Windermere School	Priority Rank by Agency/Department				
	<table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #1 Committed Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #2 Urgent Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #3 Needed Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #4 Desirable Project</td> <td style="width: 20%; padding: 5px;"><input type="checkbox"/> #5 Acceptable Project</td> </tr> </table>	<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project
<input type="checkbox"/> #1 Committed Project	<input type="checkbox"/> #2 Urgent Project	<input type="checkbox"/> #3 Needed Project	<input type="checkbox"/> #4 Desirable Project	<input type="checkbox"/> #5 Acceptable Project	
Justification: The blacktop is cracking and in need of repair	Required/Desired Date of Project Completion: 09/2014				
Benefits: A driveway and parking area that is safe and maintained.	Type of Project: Maintenance and Repair				

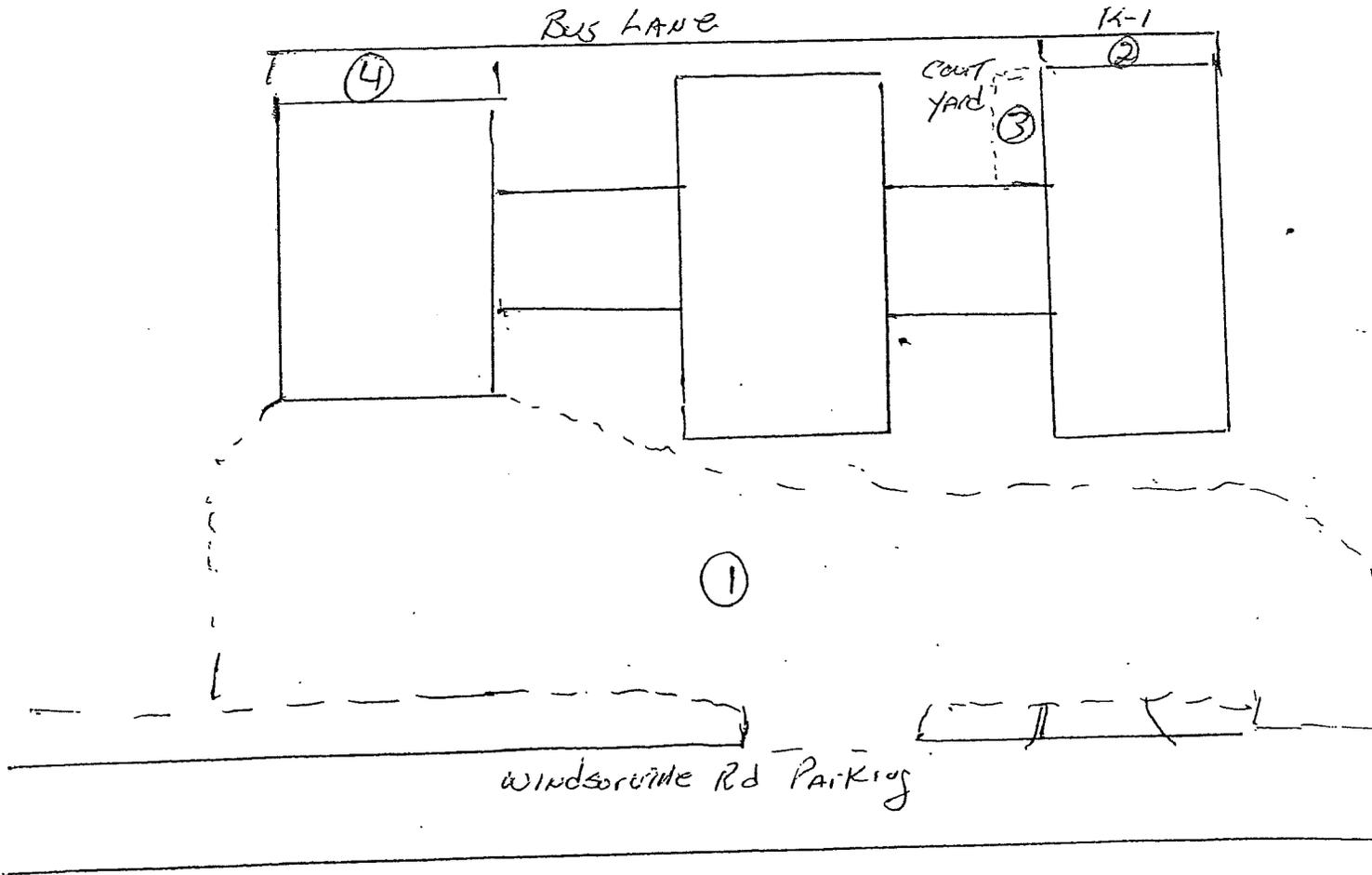
Costs if not implement: Higher costs for more extensive repairs at a later date

ESTIMATED PROJECT COSTS	FUNDING SOURCE*	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL	DEFERRED PROJECTS	SOURCE OF COST ESTIMATE
Planning & Engineering										
Site & ROW Acquisition										
Construction			\$33,726					\$33,726		
Equipment Purchases										
Other (Identify)										
SUBTOTAL			\$33,726					\$33,726		
New Personnel										
Annual Maintenance										
TOTAL COST TO TOWN			\$33,726					\$33,726		

*FUNDING SOURCE: (1) Capital Non-Recurring Fund; (2) Short-Term Note; (3) Bond Issue; (4) Grant; (5) Trust Fund; (6) Special Assessment; (7) General Fund; (8) Other

PROPOSAL FOR BITUMINOUS CONCRETE

AT 1 1/2 OVERTAY



①	$350 \times 91 = 31850$ sq feet	297.26 TONS	<u>29,726</u>
②	$75 \times 10 = 750$ sq feet	7. TONS	<u>700</u>
③	$128 \times 18 = 2304$ sq feet.	21.5 TONS	<u>2,150</u>
④	$75 \times 16 = 1200$ sq feet	11.3 TONS	<u>1,150</u>

TOTAL 337.76 TONS = 33,726
AT.