

22 JULY 2020

**TOWN BOARD MEETING
TOWN HALL, MAHOPAC, N.Y.**

A Regular Meeting of the Town Board of the Town of Carmel was called to order by Supervisor Kenneth Schmitt on the 22nd day of July 2020 at 7:11 p.m. at Town Hall, 60 McAlpin Avenue, Mahopac, New York. Members of the Town Board present by roll call were: Councilman Schanil, Councilman Barile, Councilman Lombardi, Councilwoman McDonough and Supervisor Schmitt.

Supervisor Schmitt announced that Legal Counsel Gregory Folchetti will be participating at this meeting virtually via Zoom as he and his family are self-quarantining upon their return from vacationing in North Carolina.

The Pledge of Allegiance to the Flag was observed prior to the start of official business. A moment of silence was held to honor those serving in the United States Armed Forces and the veterans who have served in the past, as well as first responders, medical personnel and frontline workers in the wake of the COVID-19 pandemic.

Supervisor Schmitt announced that the Town Board met at 6:00 p.m. in Executive Session with Town Comptroller Mary Ann Maxwell and Town Engineer Richard J. Franzetti, P.E. with regard to Comptroller/Engineering personnel as well as with Deputy Highway Superintendent Michael Martin with regard to personnel.

**PRESENTATION OF PLAQUES TO POLICE CHIEF MICHAEL CAZZARI AND
PATROLMAN THOMAS JOHANSON**

On behalf of the Town Board, Supervisor Schmitt presented retiring Police Chief Michael Cazzari with a plaque acknowledging his thirty-four years of exemplary service to the residents of the Town of Carmel. Supervisor Schmitt, Councilwoman McDonough, Councilman Lombardi, Councilman Barile and Councilman Schanil each spoke in recognition of Chief Cazzari's leadership skills, professionalism and unwavering dedication to duty.

Supervisor Schmitt then went on to present retiring Patrolman Thomas Johanson with a plaque in recognition of his 22 years of outstanding service with the Town of Carmel Police Department. He described Patrolman Johanson as a "cop's cop" and spoke about his commitment to law enforcement, particularly to vehicle traffic safety.

Supervisor Schmitt noted that also scheduled to retire, however unable to attend the meeting to receive their plaques were Sergeant Robert Bagnarol and Detective Frank Chibbaro.

**MINUTES OF TOWN BOARD MEETINGS HELD ON 6/24/2020 AND 7/1/2020 -
ACCEPT AS SUBMITTED BY THE TOWN CLERK**

On motion by Councilman Lombardi, seconded by Councilwoman McDonough, with all members of the Town Board present and voting "aye", the minutes of the Town Board meetings held on June 24th and July 1st, 2020 were accepted as submitted by the Town Clerk.

**PUBLIC HEARING ADJOURNED - PROPOSED LOCAL LAW AMENDING
CHAPTER 156 OF THE TOWN CODE OF THE TOWN OF CARMEL, ENTITLED
"ZONING" - PARKING REQUIREMENTS FOR SHOOTING RANGE - WILLOW
WOOD COUNTRY CLUB, INC. D/B/A WILLOW WOOD GUN CLUB**

WHEREAS, on November 20, 2019, the Town Board of the Town of Carmel duly authorized the acceptance of a proposal for professional services to be rendered by Nelson, Pope & Voorhis, LLC, Melville, NY to the Town of Carmel for the development, preparation and adoption of a new Comprehensive Plan for the Town of Carmel, as well as for overall amendments and revisions to the Town Code of the Town of Carmel; and

(Cont.)

WHEREAS, the process of development of the updated Comprehensive Plan and Town Code amendments/revisions has commenced but has not been finalized or completed at the present time; and

WHEREAS, the Town Board of the Town of Carmel hereby determines it to be in the best interests of the residents of the Town to defer any proposed revisions and/or petitions for proposed revision to the Town Code until such time as the Comprehensive Plan and Town Code revisions/amendments are completed and/or adopted, including but not limited to the petition for amendments to Chapter 156 of the Town Code entitled “Zoning” submitted by Willow Wood Country Club, Inc. dba Willow Wood Gun Club and dated on or about January 2, 2020;

NOW THEREFORE BE IT RESOLVED, that the Town Board of the Town of Carmel hereby authorizes and directs the adjournment of the previously noticed to be held on the 22nd of July, 2020 at 7:00 p.m. on a Local Law amending Chapter 156 of the Town Code of the Town of Carmel, entitled "Zoning"; and

BE IT FURTHER RESOLVED that such adjournment of the referenced public hearing shall be without date and subject to re-notice and re-publication in conformance with all provisions of New York State law.

Resolution

Offered by: Councilman Schanil
Seconded by: Councilman Lombardi

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

Prior to the roll call vote, responding to a request to address the Town Board, Supervisor Schmitt stated that comments on the agenda item would be permitted at the conclusion of the voting meeting.

After enactment of the resolution, Supervisor Schmitt explained that due to the Town Board’s action, the public hearing scheduled for this evening was cancelled. He further explained that if the Town Board chooses to revisit the matter in the future, a new public hearing would be scheduled subject to re-notice and re-publication provisions.

Councilman Lombardi added that no action can be taken without a public hearing. He reiterated that the public hearing was adjourned without a date and that any further action will be re-noticed and re-published so that the public as well as the petitioner will be informed.

POLICE DEPARTMENT - INTERIM COMMANDING OFFICER DESIGNATED AND APPOINTED - LIEUTENANT JOHN R. DEARMAN

RESOLVED that the Town Board of the Town of Carmel, acting as Commissioners of the Town of Carmel Police Department, hereby designates and appoints Lieutenant John R. Dearman as Interim Commanding Officer of the Town of Carmel Police Department, effective August 1, 2020; and

BE IT FURTHER RESOLVED that this appointment, and the duties and responsibilities of Lt. John R. Dearman as Commanding Officer shall continue until such time as the Town Board makes a provisional appointment of a new Chief of Police for the Town of Carmel Police Department.

Resolution

Offered by: Councilwoman McDonough
Seconded by: Councilman Lombardi, Councilman Schanil,
Supervisor Schmitt and Councilman Barile

(Cont.)

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

Supervisor Schmitt explained that Lieutenant Dearman will serve as Interim Commanding Officer until the Town Board completes their ongoing search for the successor to Police Chief Cazzari.

Supervisor Schmitt and Councilman Barile acknowledged Lieutenant Dearman’s outstanding service in the Police Department.

**LONG POND ROAD IMPROVEMENT DISTRICT - RE-NAMING OF TOWN ROADS
AUTHORIZED - “BIRCH LANE” TO “BIRCH HILL” AND “CROSS DRIVE” TO
“CROSS LANE”**

RESOLVED that the Town Board of the Town of Carmel, upon the recommendation of Town of Carmel Highway Superintendent Michael Simone, hereby authorizes the re-naming of the Town Road currently known as “Birch Lane” to “Birch Hill”; and

BE IT FURTHER RESOLVED the Town Board of the Town of Carmel, upon the recommendation of Town of Carmel Highway Superintendent Michael Simone, hereby authorizes the re-naming of the Town Road currently known as “Cross Drive” to “Cross Lane”.

Resolution

Offered by: Councilman Lombardi
Seconded by: Councilwoman McDonough

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

Councilwoman McDonough inquired about the notification process for the road name changes with regard to emergency service providers.

Supervisor Schmitt explained that certified copies of the resolution will be forwarded to the Putnam County 911 Center and that the Town’s inventory of roads will be updated with the changes.

**APPLICATION OF CHAPTER 104 OF THE TOWN CODE WAIVED - PUTNAM
COUNTY - “FRIDAY NIGHT BARBEQUE SERIES”**

RESOLVED, that pursuant to Town Code § 104-8, the Town Board of the Town of Carmel hereby waives the application of Chapter 104 of the Town Code, entitled “Noise” with respect to the County of Putnam and its “Friday Night Barbeque Series” events scheduled for the following dates at Putnam County Golf Club:

July 10, 2020;
July 17, 2020;
July 24, 2020;
July 31, 2020;
August 7, 2020;
August 14, 2020;

(Cont.)

August 21, 2020;
August 28, 2020;
September 4, 2020;
September 12, 2020;
October 2, 2020.

Resolution
Offered by: Councilman Barile
Seconded by: Councilman Lombardi

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	X	
Michael Barile	X	
Frank Lombardi	X	
Suzanne McDonough	X	
Kenneth Schmitt	X	

Supervisor Schmitt pointed out that since two of the scheduled dates have passed and Putnam County is yet to hold an event due to COVID-19, there is a chance that the barbeques will not be held.

POLICE OFFICER TRAVIS LASH - REQUEST FOR EDUCATION STIPEND APPROVED

RESOLVED that the Town Board of the Town of Carmel, upon the recommendation of Chief of Police Michael Cazzari, hereby approves the request for education stipend of Police Officer Travis Lash for Nichols College and authorizes payment of \$900 to Travis Lash.

Resolution
Offered by: Councilman Schanil
Seconded by: Councilman Barile

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	X	
Michael Barile	X	
Frank Lombardi	X	
Suzanne McDonough	X	
Kenneth Schmitt	X	

AIRPORT PARK - PAYMENT FOR WET TAP EXCAVATION AUTHORIZED - ED KUCK EXCAVATION, INC. - \$5,674.60

WHEREAS, the Town Board of the Town of Carmel, upon the recommendation of Town of Carmel Director of Recreation and Parks James R. Gilchrist, hereby authorizes the payment of \$5,674.60 to Ed Kuck Excavation, Inc., Carmel, NY for excavation services performed in connection with the wet tap main at Airport Park in the Town of Carmel; and
BE IT FURTHER RESOLVED, that Town Comptroller Mary Ann Maxwell is hereby authorized to make any and all necessary budget transfers or modifications required to fund the cost of this authorization.

Resolution
Offered by: Councilwoman McDonough
Seconded by: Councilman Schanil

(Cont.)

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

**HIGHWAY DEPARTMENT - 2020 TREE FELLING AND TRIMMING CONTRACT
AUTHORIZED - MICHAEL A. NAGLIERI, TREE SERVICE, INC.**

WHEREAS the Town Board of the Town of Carmel has previously authorized advertisement for the solicitation of bids for various highway materials and services for the Town Highway Department for fiscal year 2020, and

WHEREAS after receipt and opening of such bids it was determined that there were no bids submitted for tree felling and trimming services for 2020;

NOW THEREFORE BE IT RESOLVED that the Town Board of the Town of Carmel, upon the recommendation of Town of Carmel Highway Superintendent Michael Simone, hereby awards the 2020 contract for tree felling and trimming to Michael A. Naglieri, Tree Service, Inc., Mahopac, NY at the 2019 bid prices of \$2,295.00 daily and \$286.87 per hour.

Resolution

Offered by: Councilman Lombardi
Seconded by: Councilwoman McDonough

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

**HIGHWAY DEPARTMENT - CAPITAL EQUIPMENT PURCHASES AUTHORIZED -
2020 NEW HOLLAND FLAIL MOWER FROM WESTCHESTER TRACTOR, INC.,
ONE (1) JOHN DEERE 624L LOADER FROM JESCO CORP., AND ONE (1) 2021
INTERNATIONAL 6-WHEEL 4X4 DUMP PLOW/WING/SANDER FROM NAVISTAR**

WHEREAS, the Town Board of the Town of Carmel, has previously authorized capital borrowing and funding authorizing the purchase of certain capital equipment and vehicles for the Town of Carmel Highway Department in year 2020 and

WHEREAS, Town of Carmel Highway Superintendent Michael Simone has solicited bids pursuant to the NY General Municipal Law for such capital equipment and a copy of a memorandum summarizing bids and recommended the awarding of bids as set forth herein is on file in the Office of the Town Supervisor;

NOW THEREFORE BE IT RESOLVED that the Town Board of the Town of Carmel hereby accepts the recommendation of the Town of Carmel Highway Superintendent Michael Simone and hereby authorizes the purchase of the following capital equipment:

- **One (1) 2020 New Holland Flail Mower (Tractor per NYS Contract #PC67087 and Flail Arm per NYS Contract #PC68200) from Westchester Tractor, Inc., Vendor #4322 at a cost not exceed \$134,422.38;**
- **One (1) John Deere 624L Loader (per NYS Contract PC#67075 – JDC Contract #032119-JDC) from Jesco Corp., Vendor #3084 at a cost not to exceed \$184,216.84;**
- **One (1) 2021 International 6-wheel 4x4 Dump plow/wing/sander from Navistar Vendor #10933 (per Onondaga bid #8996) at a cost not to exceed \$256,012.96.**

(Cont.)

BE IT FURTHER RESOLVED, that Town Comptroller MaryAnn Maxwell is hereby authorized to make all budgetary transfers necessary to effect this authorization and purchase.

Resolution
Offered by: Councilman Barile
Seconded by: Councilman Schanil

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

Prior to the roll call vote, Town Clerk Ann Spofford pointed out that bids were not solicited for the capital improvements as stated in the second paragraph of the resolution.

Legal Counsel Gregory Folchetti stated that the resolution does not have to be amended as the purchases are being awarded off State bid lists.

HIGHWAY DEPARTMENT - PURCHASE OF PRE-OWNED 2000 LEEBOY 1000B TRACK PAVER FROM RAYMOND FERRIERI AUTHORIZED

RESOLVED, that the Town Board of the Town of Carmel, upon the recommendation of Town of Carmel Highway Superintendent Michael Simone, hereby authorizes the purchase of a pre-owned 2000 Leeboy 1000B Track Paver from Raymond Ferrieri, Mahopac, NY in an amount not to exceed \$15,000.00.

BE IT FURTHER RESOLVED, that Town Comptroller MaryAnn Maxwell is hereby authorized to make all budgetary transfers necessary to effect this authorization and purchase.

Resolution
Offered by: Councilman Schanil
Seconded by: Councilwoman McDonough

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

RELEASE OF BOND AUTHORIZED - VIP WASH & LUBE - 118 OLD ROUTE 6, CARMEL - TM #55.12-2-5

WHEREAS application has been made by VIP Wash & Lube for the total release of a site plan bond posted in accordance with the Land Subdivision and/or Zoning Regulations for Tax Map #55.12-2-5 for the site improvements at 118 Old Route 6, Carmel; and

WHEREAS said application has been reviewed by the Town Engineer and release of the bond has been recommended and approved by the Town Engineer and Town of Carmel Planning Board,

NOW, THEREFORE, BE IT RESOLVED that the Town Board of the Town of Carmel hereby authorizes the release of the aforementioned site plan bond, Tompkins Mahopac Bank Acct. No. 401010147 in the amount of \$134,000.00.

(Cont.)

Resolution
Offered by: Councilwoman McDonough
Seconded by: Councilman Schanil

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

**CARMEL SEWER DISTRICT #2 WASTEWATER TREATMENT PLANT - PROPOSAL
ACCEPTED AND PAYMENT FOR REPAIRS AUTHORIZED - OWENS ELECTRIC -
NOT TO EXCEED \$10,356.00**

WHEREAS, the Town Board of the Town of Carmel, acting as Commissioners of Carmel Sewer District #2, and upon the recommendation of Town Engineer Richard J. Franzetti, P.E., hereby authorizes acceptance of the proposal for the purchase and installation of a replacement control cabinet for the variable frequency drive for return sludge pump located at the Carmel Sewer District #2 Wastewater Treatment Plant by Owens Electric, Mahopac, NY in accordance with the proposal dated February 26, 2020 and at a cost not to exceed \$10,356.00; and

BE IT FURTHER RESOLVED, that upon presentation of insurance certificates in form acceptable to Town Counsel, Town Supervisor Kenneth Schmitt is authorized to sign any and all documentation required to accept said proposal as authorized herein; and

BE IT FURTHER RESOLVED, that Town Comptroller Mary Ann Maxwell is hereby authorized to make any and all necessary budget transfers or modifications required to fund the cost of this authorization.

Resolution
Offered by: Councilman Lombardi
Seconded by: Councilwoman McDonough

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

**CARMEL WATER DISTRICT #2 WATER TREATMENT PLANT - EMERGENCY
REPAIRS ACKNOWLEDGED AND AUTHORIZED - S. B. CHURCH - NOT TO
EXCEED \$35,900.00**

RESOLVED, that the Town Board of the Town of Carmel, acting as Commissioners of Carmel Water District #2, and upon the recommendation of Town Engineer Richard J. Franzetti, P.E., hereby acknowledges and authorizes the emergency repairs required for replacement and installation of one (1) high-lift turbine pump at the Carmel Water District #2 Water Treatment Plant by S. B. Church, Oxford, CT at a cost not to exceed \$35,900.00 and in accordance with the invoice dated April 10, 2020 as attached hereto and made a part hereof; and

BE IT FURTHER RESOLVED that Town Supervisor Kenneth Schmitt is hereby authorized to sign any and all documentation necessary to accept the proposal authorized herein; and

BE IT FURTHER RESOLVED, that Town Comptroller Mary Ann Maxwell is hereby authorized to make any and all necessary budget transfers or modifications required to fund the cost of this authorization.

(Cont.)

Resolution
Offered by: Councilman Barile
Seconded by: Councilman Lombardi

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>

SB CHURCH

49 Great Hill Road, Oxford, CT 06478
Tel. 203.888.2132

April 10, 2020

Email to Tom Brann
Inframark
Carmel, NY
Email Thomas.Brann@Inframark.com
Cell 845-565-6182

From Jim Duncan
Email Duncan.James@wseinc.com
Cell 203-627-8006

Dear Tom:

With this email we wish to provide you with our proposal for updating one of the turbine pumps at the Carmel Water District #2 plant. This would be the closest pump on your right as you come into the building though the pedestrian door on the northeast side of the building. This pump has a broken motor shaft and the 75-horsepower motor has been removed.

We understand that you would like a larger 100-horsepower pump installed here. We have selected a Goulds turbine pump designed to deliver 1200 gallons per minute at 270 feet total discharge head for this application.

At this installation, a pump with a total discharge head of 270 feet would deliver about 110 psi at the top of the pump. We would ask that you confirm that this pressure output is still correct. This is the discharge pressure of the turbine pumps that we installed here several years ago, but we ask that you confirm it since the hydraulics of the system may have changed since then.

We would remove and dispose of the existing pump and provide the new pump, motor, discharge head, and column/ shaft so that the total length of the pump below the top of the pier would be 12 feet. We would modify the pier to accommodate the new pump and provide new piping to connect the pump to the check valve on the pump discharge line.

We would provide a new 100-horsepower inverter duty rated vertical hollowshaft motor. The motor would be equipped with insulated upper bearing bracket and grounding ring and would be set up for 460-volt three phase power. With an inverter duty rated motor, the pump would be compatible with a variable speed drive should you ever choose to provide one.

The proposed motor would have standard windings. I believe that special windings were required here several years ago but modifications to the plant may have been done since then to allow for the use of standard windings. We ask that you contact your electrician for confirmation of the winding requirements of the motor.

We would ask that you have your electrician wire upgrade the starter, fuses, and other electric apparatus as needed, and wire the new motor once we have installed the pump. After the motor is connected, we would do startup and measure vibration at the pump head and motor.

We should be able to remove the old pump in short order, and then get the new one on order.

(Cont.)

--- Data Point ---

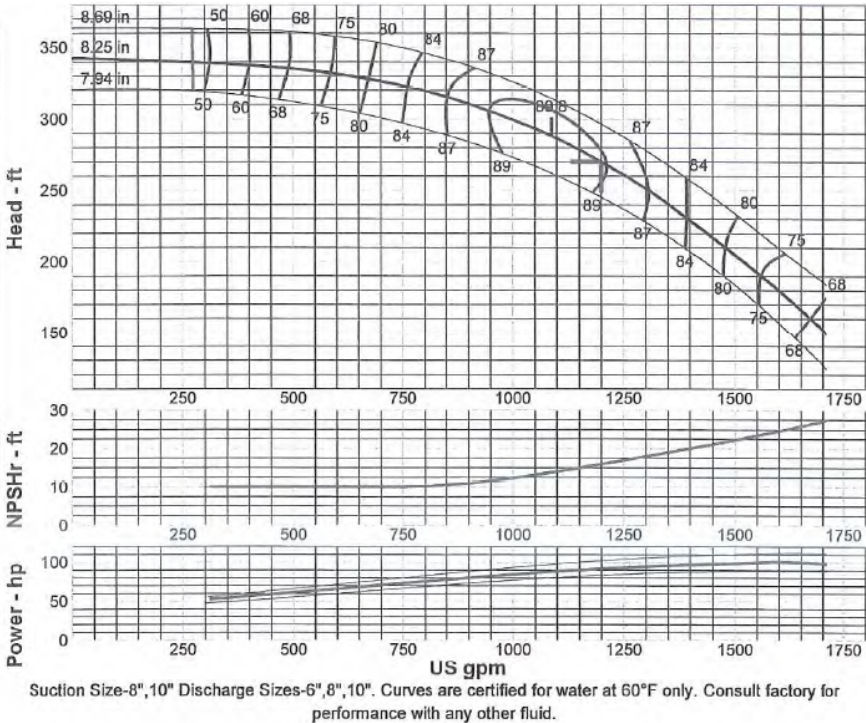
Flow: 1200 US gpm
Head: 270 ft
Eff: 89.1%
Power: 91.7 hp
NPSHr: 16 ft

--- Design Curve ---

Shutoff head: 343 ft
Shutoff dP: 148 psi
Min flow: 272 US gpm
BEP: 89.8% @ 1089 US gpm
NOL power:
100 hp @ 1558 US gpm

--- Max Curve ---

Max power:
112 hp @ 1614 US gpm



Performance Evaluation:

Flow US gpm	Speed rpm	Head ft	Efficiency %	Power hp	NPSHr ft
1440	1770	219	81.8	97.4	21
1200	1770	270	89.1	91.7	16
960	1770	304	89.1	82.7	11.8
720	1770	325	82.2	71.8	10
480	1770	336	67.2	60.5	10

Turbine Pump Selection 10.6.2.0

Selected from catalog: Goulds Lineshaft.60 Vers: 3.66

Xyleminc

DIMENSIONAL OUTLINE
VIT-DITM
4 Stage 8x12CHC

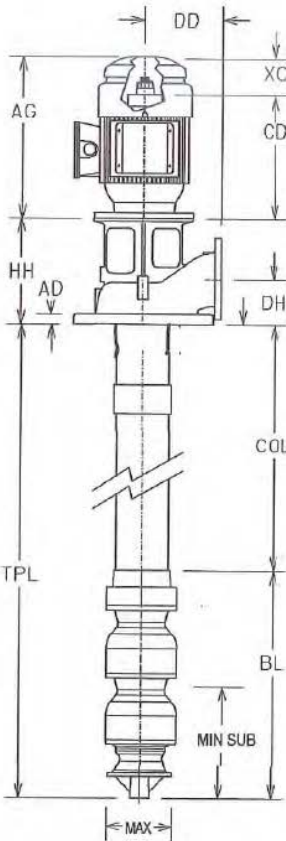


Pump Data

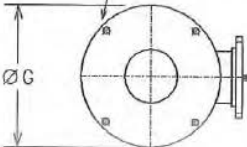
AD: 1.63	Size: 12CHC
AG: 41.63	Stages: 4
BD: 16.5	
BL: 59.38	
CD: 36.94	BowlShaft: 1.69"
CL: N/A	
COL: 84. "	LineShaft: 1.5"
DD: 11.00	LineShaft Type: Open
MIN SUB: 25.0	Column: Standard
DH: 9.00	Column: 8" Threaded
G: 21.00	Bearing Spacing: 5 feet
H: 18.75	Section Length: 5 feet
HH: 21.00	Head: DI
J: 0.75	Flange (Disch.): 8"-150 FF
	Suct.:

Seal:	Packing
Strainer:	None
SubBase:	Yes

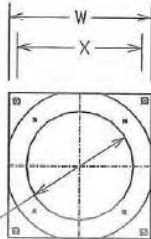
TPL: 12' 144.0"
UG: N/A
V: 1.0
W: 22.00
X: 19.00
XC: 4.56
Y: 0.88
Z: 15.25
MAX: 11.75



"J" DIA FOUR PLCS
EQ SP ON "H" BC



DISC HEAD



SOLE PLATE

"Y" DIA
FOUR PLCS



(Cont.)

Hydraulic Data

Flow (gpm):	1200
Pump Head (ft):	262.4
TDH (ft):	270.0
Speed (rpm):	1770
Fluid:	Water
Temperature (F):	68
Viscosity:	0.9946
Spec.Grav:	1.00012

Miscellaneous

Thrust At Design (lb):	2158
Thrust At Shutoff (lb):	2705
Pumping Level(in):	80

Weight

Pump (lb):	1342
Motor (lb):	1110
Total (lb):	2452

Motor Data

Model:	HO100V2SLG
Make:	US
HP:	100
RPM:	1800
Type:	RUSI
Efficiency:	95.4
Frame:	404TP
Ratchet:	NRR

Version: 4.16P

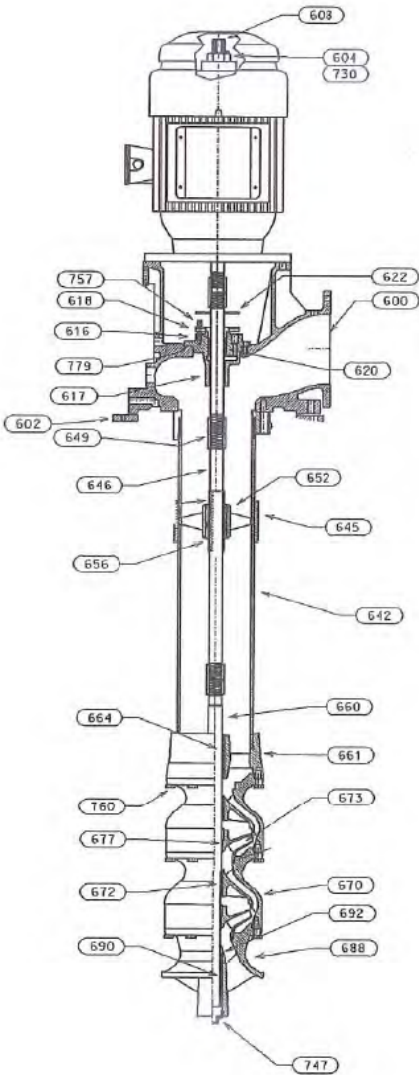
Customer:

Date: 04-07-2020



Xylem inc

SECTIONAL
VIT-~~Q~~TM
4 Stage 8x12CHC



DISCHARGE HEAD ASSEMBLY

ITEM	NAME	Code	MATERIAL	ASTM
600	HEAD- DISCHARGE	1018	DUCTILE IRON 65-45-12	A536-84(1999)e1
602	SOLEPLATE	3201	CARBON STEEL GR D	A36M-00a
604	NUT- ADJUSTING	2242	CARBON STEEL 1018	A108-99
608	HEADSHAFT	2227	SST 416	A582M-95b
616	HOUSING	1003	CAST IRON CL30	A48-94ae1
617	BEARING- HOUSING	1109	FEDERALLOY BISMUTH BRZ	B584-00
618	GLAND- SPLIT	1203	SST 316	A744M-00
620	PACKING	5026	GRAPHITE PACKING	ML402-99
622	SLINGER	5121	RUBBER EPDM	D3568-98
730	KEY- MOTOR GIB	2242	CARBON STEEL 1018	A108-99
757	SCREW- GLAND ADJUSTING	2229	SST 316	A276-00a
779	GASKET- HOUSING	5136	ACRYLIC/NITRILE	5136 REV 4

COLUMN AND LINESHAFT ASSEMBLY

642	COLUMN PIPE	6501	BLACK PIPE SCH 40	A 53-98
645	COLUMN COUPLING	6501	BLACK PIPE SCH 40	A 53-98
646	LINESHAFT	2227	SST 416	A582M-95b
649	LINESHAFT COUPLING	2265	SST 416	A582M-95b
652	RETAINER- BEARING	1205	SST 304	A744M-00
656	LINESHAFT BEARING	5121	RUBBER EPDM	D3568-98

BOWL ASSEMBLY

660	SHAFT- BOWL	2227	SST 416	A582M-95b
661	BOWL- DISCHARGE	1003	CAST IRON CL30	A48-94ae1
664	BEARING- DISC BOWL	1109	FEDERALLOY BISMUTH BRZ	B584-00
670	BOWL- INTERMEDIATE	6911	CAST IRON CL30 ENAMEL	A48-94ae1
672	BEARING- INT BOWL	1109	FEDERALLOY BISMUTH BRZ	B584-00
673	IMPELLER	1203	SST 316	A744M-00
677	COLLET- IMPELLER	2242	CARBON STEEL 1018	A108-99
688	BOWL/BELL- SUCTION	1003	CAST IRON CL30	A48-94ae1
690	BEARING- SUCTION	1109	FEDERALLOY BISMUTH BRZ	B584-00
692	SANDCOLLAR	1205	SST 304	A744M-00
747	PLUG- PIPE	1046	MALLEABLE IRON	A197
760	CAPSCREW- HEX	2298	STEEL BOLTING GR 8	J429-99

Version: 4.16P

Customer:

Date: 04-07-2020

22 JULY 2020
TOWN BOARD MEETING

PERFORMANCE OF EMERGENCY REPAIRS AUTHORIZED - CARMEL WATER DISTRICT #2 - ED KUCK EXCAVATING AND CARMEL SEWER DISTRICT #2 - TAM ENTERPRISE

RESOLVED, the Town Board of the Town of Carmel, acting as Commissioners of the various water and sewer districts of the Town of Carmel, hereby acknowledges the emergency performance of water and sewer district collection system/distribution system and treatment facilities repairs, specifically those performed in Carmel Water District #2 and Carmel Sewer District #2 all as fully detailed in the memorandum of Town Engineer Richard J. Franzetti, P.E. to the Town Board dated June 30, 2020, which is attached hereto and made a part thereof.

Resolution

Offered by: Councilman Schanil
Seconded by: Councilwoman McDonough

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	<u>X</u>	<u> </u>
Michael Barile	<u>X</u>	<u> </u>
Frank Lombardi	<u>X</u>	<u> </u>
Suzanne McDonough	<u>X</u>	<u> </u>
Kenneth Schmitt	<u>X</u>	<u> </u>


*Richard J. Franzetti, P.E.
Town Engineer*



(845) 628-1500
(845) 628-2087
Fax (845) 628-7085

*Office of the Town Engineer
60 McAlpin Avenue
Mahopac, New York 10541*

MEMORANDUM

To: Carmel Town Board
From: Richard J. Franzetti P.E. Town Engineer 
Date: June 30, 2020
Re: Emergency Repairs/Services

This memorandum is being presented to the Town Board to advise the Board of emergency invoices that were submitted for payment in excess of \$5,000.00 for services rendered. The following provides a brief summary of the work that was performed.

- CSD2 Jetting Services

On May 29, 2020, Inframark, the operator for the CSD 2 alerted the Engineering Department that TAM Enterprise was called to clean (2) pump stations. Attached is the invoice in the amount of \$7,320.75.

- Carmel Water District 2 Curb Box Replacement – 29 & 31 Fowler Ave

On June 23, 2020, Ed Kuck Excavating was called in to dig up and replace (2) new curb boxes, backfill and restore the area. Attached is the invoice in the amount of \$5,347.71.

We request that this memorandum be put into the agenda as a matter of record.

22 JULY 2020
TOWN BOARD MEETING

(Cont.)



114 Hartley Road
Goshen, NY 10924
Phone: (845)-294-8882
Fax: (845)-294-8883

Bill To

Town of Carmel
60 McAlpin Avenue
Mahopac, NY 10541

Invoice

Date Invoice #
6/8/2020 57945

P.O. No.

Terms Net 30

Qty	Description	Rate	Amount
	Date of Service: 05/29/20 - Pump Stations		
	VacCon Truck w/ Operator, (2) Laborers & Confined Space Entry Equipment to:		
	- Clean (2) Pump Stations.		
	For the sum of:	4,695.00	4,695.00
11.67	Disposal @ \$225.00/ton	225.00	2,625.75

A Service Charge of 1.5%, 18% APR, will be added to all overdue accounts.
Accounts are considered overdue on the 31st day past the invoice date.
You will also be liable for all legal and collection fees.

Total \$7,320.75

Payments/Credit \$0.00

Balance Due \$7,320.75

24 Hour Emergency Service • Hydro Vacuum Excavation • Pump Station, Installation & Maintenance
High Pressure Water Jetting • Video Inspection of Underground Lines • Installation of Water & Sewer Lines
Clearing of Catch Basins • Man-Hole Rehabs • Sewer & Water Plant Rehabs • Confined Space Entry
Pipe Lining Services • Soil Remediation Services • Pipe Location Services • Industrial Tank Pumping
Excavation Services • Emergency Sewer By-pass Pumping • Emergency Utility Services

Ed Kuck Excavating Inc
20 Day Road
Carmel, NY 10512

INV # TOC-047-20
CWD # 2
REQ #
Vendor 0670
Tax ID - 133851002

Attention: Rob Vera
TOWN OF CARMEL, ENGINEERING DEPT
60 McAlpin Avenue
Mahopac, NY 10541

EMERGENCY 2-3/4" CURB VALVE REPLACEMENTS

Respond as per: INFRAMARK
Job Location: 29 & 31 Fowler Avenue
Work Completed: 6/23/20
Start time:

End Time: HOURS 7-1/2 hrs

(Cont.)

Job Description:
Both houses had broken curb valves
Cut in new ¾ inch valves at both addresses
Reconnect service lines
Installed new curb boxes and stems
Backfilled and restored areas

Materials / Equipment/ Labor	Total Hrs,yds,qty	Price per yd, qty, day	Total
Track Hoe MR55	7-1/2	\$85.00 per hour	637.50
Dump Truck	7-1/2	\$90.00 per hour	675.00
Support Vehicle	Day rate	\$155.00	155.00
Chop Saw	Day rate	\$ 70.00	70.00
Jumping Jack	Day rate	\$70.00	
Plate tamper	Day rate	\$70.00	
Mud Sucker	Day rate	\$70.00	
Locator	Day rate	\$70.00	
Machine Hammer	Day rate	\$250.00	
Machine operator	7-1/2 Hrs X 1 man	\$184.18	1381.35
Laborers	7 1/2 Hrs X 2 men	\$159.30	2389.50
Item 4		\$40.00 per yard	
Seed	¼ bag	\$96.00 bag	24.00
Top soil		\$50.00	
Blacktop		\$114.00 per ton	
Cold Patch		\$140.00 per ton	
Hay	1 bag	\$15.36 bag	15.36
Total			5,347.71

PUBLIC COMMENTS - AGENDA ITEMS

No member of the public wished to comment at this time.

ADJOURNMENT

All agenda items having been addressed, on motion by Councilman Lombardi, seconded by Councilwoman McDonough, with all Town Board members present and in agreement, the meeting was adjourned at 7:57 p.m. to the scheduled Work Session.

Respectfully submitted,

Ann Spofford, Town Clerk