

Andover Capital Improvement Planning Committee

Thursday, December 20, 2018 – 7:00PM

Town Office Building (Community Room) – 17 School Rd, Andover, CT

Special Meeting Minutes

Agenda Item 1: Call to Order

Fred Oliver, Chairman, called the meeting to order at 7:02PM

Members Present: Fred Oliver, Shannon Loudon, Curt Dowling, Adrian Mandeville,
Eric Anderson, Jeff Maguire

Members Absent: None

Other Attendees: Ed Kasacek, Public Works Department Foreman
John Grant, Tyler Equipment

Agenda Item 2: Public Comment - None

Agenda Item 3: Welcome New Members – Eric Anderson and Adrian Mandeville

Agenda Item 4: Emergency Request for Purchase or Rental of Loader for Public Works

Discuss request for loader by Public Works Department.

Ed Kasacek, Public Works Forman, provided status of current equipment and reasons for new loader.

John Grant, Tyler Equipment, provided information regarding the Volvo L-60H Wheel Loader available to rent or buy. Information regarding the Sourcewell Cooperative Purchasing program pricing available to the Town of Andover.

Members questioned need for loader and various options available.

Motion made by Curt Dowling: That the CIP Committee recommend the rental with the intent to purchase of the Volvo L-60H Wheel Loader from the Sourcewell Cooperative Purchasing program as specified. In addition, it is recommended that the BOS approve the acquisition of the Volvo L-60H Wheel Loader at the January 2019 BOS meeting. Seconded by Eric Anderson. Motion passed 6-0

Agenda Item 5: Discuss 2019 Priorities:

Public Works – CIP members discussed the various needs for the Public Works Department (building, roof repair, trucks and plow trucks). Eric Anderson stressed the need to plan for equipment upgrades to avoid high cost of maintenance being incurred by the PW Department.

Motion made by Adrian Mandeville: That the CIP Committee recommend the purchase of a new plow truck. In addition, it is recommended that the BOS approve the purchase of the plow truck at the January 2019 BOS meeting and move the acquisition of the plow truck to town meeting for approval as soon as possible. Seconded by Curt Dowling. Motion passed 6-0

School: Shannon Louden discussed the potential updating of AES space for use as a Senior / Community Center

Firehouse: Curt Dowling discussed the plan being developed by the Fire Commission to update the aging truck fleet. CIP members discussed the need to save for large equipment acquisition that will need to be made.

Roads: CIP Members discussed the need to better plan for necessary road work that has been backed up a number of years. Use of road survey to properly develop work plan discussed.

Other: CIP Members discussed the necessary work required to repair the Transfer Station facilities. CIP will investigate the costs and bring up at future meetings.

Agenda Item 6: Schedule for 2019 Meetings

Motion made by Shannon Louden: The CIP Committee shall meet at 7:00PM on the 3rd Thursday of each month. Meetings will be held at Town Hall Community Room unless unavailable. The exception will be the January 2019 meeting which will be held January 15th at the Fire House conference room at 7:00PM. Seconded by Jeff Maguire. Motion passed 6-0

Agenda Item 7: Public Comment - None

Agenda Item 7: Adjourn

Motion made by Shannon Louden: To adjourn the December 20th meeting of the CIP at 8:40PM. Seconded by Jeff Maguire. Motion passed 6-0



Quote Valid for 90 days

Contract:

032515-

VCE

11/19/2018

Buying Agency:	TOWN OF ANDOVER	Contractor:	TYLER EQUIPMENT CORP
Contact Person:	JOSEPH HIGGINS/ED KASACEK	Prepared By:	JON GRANT
Phone:	860-742-703 EXT. 1	Phone:	203-509-0977
Email:	jhiggins@andoverct.org	Email 1:	jgrant@tylerequipment.com

Sourcewell Product Code	D LARGE LAODER
General Description of Product:	FRONT END LOADER

A. Catalog / Price Sheet Items being purchased - Itemize Below - Attach Additional Sheet If Necessary

Quan	Description	Unit Pr	Total
1	VOLVO L-60H WHEREL LOADER	\$140,775	\$140,775
	See next page for machine specs		
Subtotal A:			\$140,775

B. Sourced and/or UnSourced Contracted Items

Quan	unsourced	Unit Pr	Total
1	WHALEN PERIMETER STROBE LIGHTS	\$1,100	\$1,100
1			\$0
1			\$0
1			\$0
1			\$0
1			\$0
1			\$0
Subtotal B:			\$1,100

C. Total Cost before any other applicable Charges, Trade-Ins, Allowances, Discounts, Etc. (A+B)	\$141,875
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D. Trade-Ins / Special Discounts / Other Allowances / Freight / Installation / Miscellaneous Charges	
Freight	\$540
PDI	
SERVICE MANUALS	\$693
LESS TRADES: JOHN DEERE 450-B SER#172038T	-\$1,000
1992 JOHN DEERE MODEL 710 SER#710CJ784845	-\$6,000
	\$0
	\$0
Subtotal D:	-\$5,767

Delivery Date:	STOCK SUBJECT TO	E. Total Purchase Price (A+B+C):	\$136,108
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Version 15A

[illegible]

Specifications

Tires: 20.5R25 L3

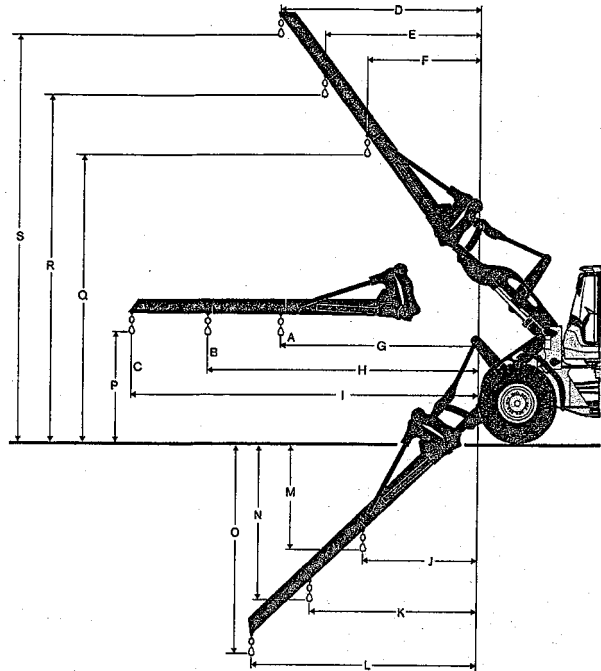
			L60H	L70H	L90H
Material handling arm sales code			92007	92007	92008
A*	kg lb		1,800 3,968	2,150 4,740	2,760 6,085
B*	kg lb		1,400 3,086	1,710 3,770	2,130 4,696
C*	kg lb		1,150 2,535	1,400 3,086	1,740 3,836
Static tipping load, straight	kg lb		3,238 7,139	3,583 7,899	4,289 9,456
35deg. Turn	kg lb		2,910 6,415	3,222 7,103	3,834 8,453
at full turn	kg lb		2,814 6,204	3,116 6,870	3,700 8,157
D	mm ft in		2,592 8'6"	2,716 8'11"	2,486 8'2"
E	mm ft in		2,002 6'7"	2,106 6'11"	1,894 6'3"
F	mm ft in		1,465 4'10"	1,549 5'1"	1,301 4'3"
G	mm ft in		3,270 10'9"	3,323 10'11"	3,253 10'8"
H	mm ft in		4,305 14'1"	4,358 14'4"	4,387 14'5"
I	mm ft in		5,439 17'10"	5,492 18'0"	5,520 18'1"
J	mm ft in		905 2'12"	1,269 4'2"	1,339 4'5"
K	mm ft in		1,227 4'0"	1,744 5'9"	1,889 6'2"
L	mm ft in		1,580 5'2"	2,266 7'5"	2,439 8'0"
M	mm ft in		2,258 7'5"	2,176 7'2"	2,051 6'9"
N	mm ft in		3,241 10'8"	3,095 10'2"	3,043 9'12"
O	mm ft in		4,319 14'2"	4,102 13'5"	4,034 13'3"
P	mm ft in		1,512 5'0"	1,523 5'0"	1,520 5'0"
Q	mm ft in		5,286 17'4"	5,302 17'5"	5,403 17'9"
R	mm ft in		6,171 20'3"	6,174 20'3"	6,370 20'11"
S	mm ft in		7,139 23'5"	7,129 23'5"	7,336 24'1"

Operating weight kg lb 11,885 26,202 13,451 29,654 14,833 32,701 without load

* Op. load at full turn + tipping position

Tipping loads calculated for max. arm length

**Calculated with additional protective guarding



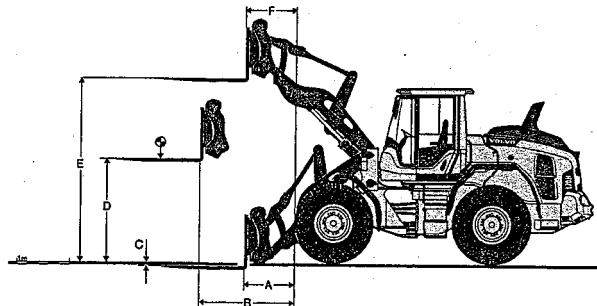
Tires: 20.5R25 L3

			L60H	L70H	L90H
Fork frame sales code			83768	83768	83770
Fork tines sales code (R/L)			80042/80043	80042/80044	80106/80107
Static tipping load, straight	kg lb		6,930 15,278	7,576 16,702	8,904 19,630
35deg. Turn	kg lb		6,230 13,735	6,809 15,011	7,947 17,520
at full turn	kg lb		6,024 13,281	6,584 14,515	7,664 16,896
at load center distance*	mm ft in		600 2'0"	600 2'0"	600 2'0"
A	mm ft in		798 2'7"	841 2'9"	932 3'1"
B	mm ft in		1,567 5'2"	1,616 5'4"	1,679 5'6"
C	mm ft in		-38 -1'11"	-52 -1'10"	-4 -1'12"
D	mm ft in		1,831 6'0"	1,859 6'1"	1,800 5'11"
E	mm ft in		3,713 12'2"	3,736 12'3"	3,841 12'7"
F	mm ft in		700 2'4"	767 2'6"	641 2'1"










Operating weight kg lb 11,965 26,378 13,531 29,831 14,928 32,911 without load

* Firm and level ground

**Calculated with additional protective guarding



Volvo L60H specifications

L60H [*] MICH 20.5R25 XHA2 L3		General purpose						Grading	Light material		LongBoom™
											
		WLA86398	WLA86423	WLA86401	WLA86405	WLA86410	WLA86411	WLA92476	WLA92564	WLA92565	WLA86410
		1.9 m³ (2.5 yd³) HD STE H BOE	2.0 m³ (2.6 yd³) STE H T	2.1 m³ (2.7 yd³) HD STE H BOE	2.3 m³ (3.0 yd³) HD STE H BOE	2.1 m³ (2.7 yd³) HD STE P BOE	2.3 m³ (3.0 yd³) HD STE P BOE	1.7 m³ (2.2 yd³) GRB H BOE	3.1 m³ (4.1 yd³) LM H BOE	5 m³ (6.5 yd³) LM H BOE	2.1 m³ (2.7 yd³) HD STE P BOE
Volume, heaped ISO/SAE	m³ yd³	1.9 2.5	2.0 2.6	2.1 2.7	2.3 3.0	2.1 2.7	2.3 3.0	1.7 2.2	3.1 4.1	5.0 6.5	2.1 2.7
Volume at 110% fill factor	m³ yd³	2.0 2.7	2.2 2.9	2.3 3.0	2.5 3.3	2.3 3.0	2.5 3.3	1.9 2.4	3.4 4.5	5.5 7.2	2.3 3.0
Static tipping load, straight	kg lb	8,940 19,710	9,028 19,910	8,831 19,470	8,770 19,330	9,310 20,520	9,230 20,340	7,740 17,060	8,450 18,640	8,450 18,640	-1,640 -3,600
at 35° turn	kg lb	7,996 17,630	8,079 17,810	7,887 17,390	7,830 17,260	8,340 18,400	8,270 18,230	6,920 15,260	7,540 16,630	7,510 16,570	-1,500 -3,320
at full turn	kg lb	7,718 17,020	7,800 17,200	7,609 16,780	7,550 16,650	8,060 17,770	7,990 17,610	6,680 14,730	7,280 16,040	7,240 15,960	-1,470 -3,230
Breakout force	kN lbf	81.8 18,400	82.8 18,610	80.4 18,090	75.0 16,870	84.8 19,060	80.9 18,190	60.1 13,500	61.7 13,870	53.7 12,080	8.8 1,980
A	mm ft in	7,316 24'	7,520 24' 8"	7,338 24' 1"	7,430 24' 5"	7,270 23' 10"	7,330 24' 1"	7,650 25' 1"	7,680 25' 2"	7,900 25' 11"	520 1' 9"
E	mm ft in	1,116 3' 8"	1,302 4' 3"	1,136 3' 9"	1,220 4'	1,070 3' 6"	1,130 3' 8"	1,400 4' 7"	1,470 4' 10"	1,700 5' 7"	40 2"
H	mm ft in	2,836 9' 4"	2,705 8' 10"	2,811 9' 3"	2,760 9' 1"	2,850 9' 4"	2,810 9' 3"	2,520 8' 3"	2,580 8' 6"	2,440 8' 0"	530 1' 9"
L	mm ft in	5,032 16' 6"	5,084 16' 8"	5,069 16' 8"	5,180 17' 0"	5,060 16' 7"	5,120 16' 10"	4,530 14' 10"	5,290 17' 4"	5,490 18' 0"	510 1' 8"
M	mm ft in	1,054 3' 5"	1,192 3' 11"	1,056 3' 6"	1,130 3' 9"	1,000 3' 3"	1,040 3' 5"	1,130 3' 8"	1,320 4' 4"	1,500 4' 11"	10 0"
N	mm ft in	1,578 5' 2"	1,632 5' 4"	1,584 5' 2"	1,610 5' 3"	1,560 5' 2"	1,580 5' 2"	1,490 4' 11"	1,630 5' 4"	1,670 5' 6"	450 1' 5"
V	mm in	2,500 98"	2,500 98"	2,650 104"	2,500 98"	2,500 98"	2,500 98"	2,500 98"	2,550 100"	2,650 104"	2,500 98"
a1 clearance circle	mm ft in	11,569 37' 11"	11,665 38' 3"	11,719 38' 5"	11,620 38' 2"	11,580 38'	11,600 38' 1"	11,970 39' 3"	11,840 38' 10"	12,060 39' 7"	430 1' 5"
Operating weight	kg lb	12,299 27,120	12,270 27,060	12,388 27,320	12,400 27,350	12,070 26,620	12,110 26,700	12,250 27,000	12,440 27,420	12,720 28,060	340 750

*Calculated with additional protective guarding. (WLA86009, WLA86010)

**Calculated with logging counterweight.

Note: This only applies to genuine Volvo attachments.

Bucket Selection Chart

The chosen bucket is determined by the density of the material and the expected bucket fill factor. The actual bucket volume is often larger than the rated capacity, due to the features of the TP linkage, including an open bucket design, good rollback angles in all positions and good bucket filling performance. The example represents a standard boom configuration.
Example: Sand and gravel. Fill factor ~ 105%. Density 1.5 t/m³ (2,530 lb/yd³). Result: The 2.1 m³ (2.8 yd³) bucket carries 2.2 m³ (2.9 yd³). For optimum stability always consult the bucket selection chart.

Material	Bucket fill, %	Material density		ISO/SAE bucket volume		Actual volume	
		t/m³	lb/yd³	m³	yd³	m³	yd³
Earth/Clay	~ 110	~ 1.55	~ 2,610	1.9	2.5	2.1	2.8
		~ 1.40	~ 2,360	2.1	2.8	2.3	3.0
		~ 1.30	~ 2,190	2.3	3.0	2.5	3.3
Sand/Gravel	~ 105	~ 1.65	~ 2,780	1.9	2.5	2.0	2.6
		~ 1.50	~ 2,530	2.1	2.8	2.2	2.9
		~ 1.35	~ 2,280	2.3	3.0	2.1	2.8
Aggregate	~ 100	~ 1.75	~ 2,950	1.9	2.5	1.9	2.5
		~ 1.55	~ 2,610	2.1	2.8	2.1	2.8
		~ 1.55	~ 2,610	2.3	3.0	2.3	3.0
Rock	≤ 100	~ 1.70	~ 2,870	1.7	2.2	1.7	2.2

L60H BUCKETS	Material density: t/m³ (lb/yd³)									
	0.6 (1,011)	0.8 (1,349)	1.0 (1,686)	1.2 (2,024)	1.4 (2,361)	1.6 (2,698)	1.8 (3,035)	2.0 (3,373)	2.2 (3,708)	
General purpose										
1.9 m³ (2.5 yd³) STE H BOE										1
1.8 m³ (2.4 yd³) STE H T										1
2.1 m³ (2.7 yd³) STE P BOE										1
2.1 m³ (2.7 yd³) STE H BOE										1
2.3 m³ (3.0 yd³) STE P BOE										1
2.3 m³ (3.0 yd³) STE H BOE										1
Grading										
1.7 m³ (2.2 yd³) GRB H BOE										1
Light material										
3.1 m³ (4.1 yd³) LM H										1
5 m³ (6.5 yd³) LM H										1
Long boom										
2.3 m³ (3.0 yd³) STE P BOE										1
Bucket fill										
110% 105% 100% 95%										

How to read bucket fill factor

Supplemental Operating Data

Tires 20.5 R25 L3				20.5 R25 L2				600/65 R25 L3				Long boom	
Width over tires	mm	in		+8	+0.3	+96	+3.8	+96	+3.8				
Ground clearance	mm	in		-10	-0.4	-30	-1.2	-22	-0.9				
Tipping load, full turn	kg	lb		-166	-366	-72	-159	0	0				
Operating weight	kg	lb		-112	-247	+8	+18	+3	+7				

Calculated with 2.3 m³ (3.0 yd³) STE P BOE, additional protective guarding