



TRUSTEES MEETING NOTICE & AGENDA
TUESDAY, MAY 23, 2017 at 6:30 PM
LINCOLN HALL MEETING ROOM, 2 LINCOLN STREET

1. **CALL TO ORDER/PLEDGE OF ALLEGIANCE TO FLAG** [6:30 PM]
2. **AGENDA ADDITIONS/CHANGES**
3. **APPROVE AGENDA**
4. **GUESTS, PRESENTATIONS AND PUBLIC HEARINGS**
 - a. Comments from Public on Items Not on Agenda
 - b. Presentation on TIF Districts – Fred Kenney, Director, Vermont Economic Progress Council
5. **OLD BUSINESS**
 - a. Request for Start-Up Funds for Arts Festival – Julie Miller-Johnson
 - b. Adopt Revised FYE 18 Capital Reserve Fund – Lauren Morrisseau
6. **NEW BUSINESS**
 - a. Approve and Sign Arbor Day Proclamation – Darby Mayville
 - b. Adopt Amended General Rules and Personnel Regulations – Pat Scheidel
7. **MANAGER'S REPORT**
 - a. Trustees meeting schedule
8. **TRUSTEES' COMMENTS & CONCERNS/READING FILE**
 - a. Board Member Comments
 - b. Minutes from Other Boards/Committees:
 - Planning Commission 5/4/17
 - Bike/Walk Advisory Committee 5/8/17
 - c. Petition to Capital Committee from Lamoille Street Residents
 - d. EJP Director's Report May 2017
9. **CONSENT AGENDA**
 - a. Approve Minutes of Previous Meeting 5/9/17
 - b. Expense Warrant #17044 dated 5/12/17 in the amount of \$48,195.15
 - c. Expense Warrant #17045 dated 5/19/17 in the amount of \$43,322.51
10. **EXECUTIVE SESSION/PERSONNEL**
 - a. Manager Evaluation
11. **ADJOURN**

Meetings of the Trustees are accessible to people with disabilities. For information on accessibility or this agenda, call the Village Manager's office at 878-6944.

TO: Village Trustees, Patrick Scheidel - Village Manager, and Lauren Morrisseau - Finance Director

FROM: Andrew Brown, Village Trustee

Date: May 22, 2017

Subject: Trustee agenda item "Adoption of Revised FYE18 Capital Plan"

Issue:

The issue is whether or not the Trustees will readopt the FYE18 Capital Plan as revised by Village staff.

Discussion:

According to the staff memo dated May 23, 2017 addressing the same subject staff is recommending the Village prioritizes the Lincoln Hall parking project before it's turn on the Capital Committee's prioritized project listing. Currently this project is number 16 in a line of 30 projects. Of the 30 projects, 6 are slated for completion prior to the conclusion of FY19. Some of the other 10 projects with a higher priority to the Capital Committee include:

- Replacing 3 waterlines which are older than any available records and are undersized for the amount of development they are serving (projects H page 16, V page 52, and HH page 71 within enclosed "05-01-17 Capital Estimates Update.pdf")
- Installing a waterline along Algonquin Ave (project C page 13) where one does not currently exist so residents along Cherokee and Algonquin (near the Iroquois intersection) are never without water due to a waterline break;
- Installing sidewalks on River Street (projects Z page 58 and AA page 61) to reach the Global Foundries property line so that the Village is providing opportunities for employees, contractors, and visitors to safely take non-motorized modes of transportation;

One project which is currently ranked lower than the Lincoln Hall project is the Lamoille Ave waterline upgrade and road rebuilding project (project Q page 35). The waterline is again undersized and needs to be replaced and the road is in such poor condition it is beyond needing to be resurfaced but needs to be rebuilt. We have received a petition signed by an overwhelming majority of residents as seen in the Reading File. This petition was not done when the Lamoille Ave project was originally ranked which will now likely increase the "Community Support" ranking and possibly have the Lamoille Ave project surpass the total score of the Lincoln Hall project.

The Trustees charged the Capital Project Review Committee to provide recommendations on capital project priorities through open meetings with ample public input into the process. During the 5/2/2017 Capital Program Review Committee meeting Lauren informed the committee of the surplus funds and the committee unanimously passed, "to recommend to the Board of Trustees that funds not required for the Hillcrest sidewalk project be utilized for project GGG (South Street drainage and sidewalk) and the remainder be held in abeyance for future projects."

According to the General Fund Capital Reserve Funding & Fund Balance dated 5/5/2017, it is anticipated the Village will have \$391,582 in FY18; \$317,751 in FY19; and \$341,582 in FY20 in unrestricted funds for capital projects. At this rate, in FY2020 the Capital fund balance will be \$516,328 which is adequate to complete only two of the above projects for completion within this time period. We are underfunding capital projects and I recommend we hold off on the Lincoln Hall project until it's turn arises, just like the rest of the projects within the capital plan.

Cost:

By not including the Lincoln Hall project within the FY18 budget it will increase the Capital budget by \$42,088 for FY18.

Recommendation:

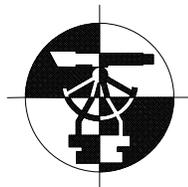
Andrew recommends the Trustees do not approve the FYE18 Capital Plan as presented but rather "amend the Capital Plan as presented by Lauren Morrisseau by removing the Lincoln Hall Parking Lot project but including the shift of the South Street Drainage project from FYE19 to FYE18 and the payment of the uncovered costs of the bond projects."

Further, Andrew recommends the Trustees instruct the Capital Program Review Committee to provide a recommendation to the Trustees on options for funding the remaining projects within the Capital Program Review Committee's rankings.

VILLAGE OF ESSEX JUNCTION

**Capital Projects
Construction Cost Estimates**

May 1, 2017



Donald L. Hamlin Consulting Engineers, Inc.
136 Pearl Street
Essex Junction, Vermont 05452
Tel(802) 878-3956 Fax (802) 878-2679

SUMMARY

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Summary of Capital Projects Estimates

Cost Reference Date: 5/1/2017

Revision Date: 5/1/2017

		Original Capital Plan Date	Estimate Preparation Date	Cost Reference Date	Construction Cost	Engineering Fees	Total Cost	
A	Abnaki Avenue	Reconstruction of 525 L.F. of Roadway	11/24/2003	5/1/2017	5/1/2017	\$ 276,824.02	\$ 55,364.80	\$ 332,188.82
B	Algonquin Avenue	Reconstruction of 230 L.F. of Roadway and Install New Waterline	11/24/2003	Completed Summer of 2012				
C	Algonquin Avenue	New Waterline Installation, Cherokee Ave to Iroquois Ave	10/17/2005	5/1/2017	5/1/2017	\$ 192,323.34	\$ 38,464.67	\$ 230,788.01
D	Briar Lane	Sidewalk Replacement	9/28/2001	Completed Summer of 2016				
E	Briar Lane	Waterline and Sidewalk Replacement	9/29/2005	Completed Summer of 2016				
F	Briar Lane	Road Reconstruction, Conventional Construction	9/28/2001	Rebuilt using Innovative Construction see Project "G"				
G	Briar Lane	Road Reconstruction, Innovative Construction	9/28/2001	Completed Summer of 2016				
H	Central Street	Waterline Replacement, Lincoln Street to Main Street	9/29/2005	5/1/2017	5/1/2017	\$ 1,093,982.78	\$ 196,916.90	\$ 1,290,899.68
I	Church Street	Waterline Replacement, Main Street to East Street	9/29/2005	5/1/2017	5/1/2017	\$ 231,658.18	\$ 46,331.64	\$ 277,989.82
J	Densmore Drive	Partial Reconstruction and Culvert Replacement	10/17/2005	5/1/2017	5/1/2017	\$ 386,633.26	\$ 77,326.65	\$ 463,959.91
K	Fairview Farms	Stormwater Pond Improvements	12/16/2008	Completed Summer of 2010				
L	Grant Street	Waterline Replacement, Jackson Street to Maple Street	9/29/2005	5/1/2017	5/1/2017	\$ 295,681.24	\$ 59,136.25	\$ 354,817.49
M	Grove Street	Replace Sanitary Sewer, Road Reconstruction	1/6/2009	Completed Summer of 2010				
N	Hillcrest Road	Drainage Improvements on Hillcrest, Water & Drainage Improvements on North Hillcrest	9/29/2005	Completed Summer of 2015				
O	Iroquois Avenue	Road Reconstruction, South Summit Street to Park Street, Conventional Construction	9/28/2001	5/1/2017	5/1/2017	\$ 1,017,089.33	\$ 183,076.08	\$ 1,200,165.40
P	Iroquois Avenue	Road Reconstruction, South Summit Street to Park Street, Innovative Construction	9/28/2001	5/1/2017	5/1/2017	\$ 1,000,405.39	\$ 180,072.97	\$ 1,180,478.36
Q	Lamoille Street	Waterline Replacement and Roadway Reconstruction	9/29/2005	5/1/2017	5/1/2017	\$ 631,247.63	\$ 119,937.05	\$ 751,184.68
R	Main Street	Enclose Drainage from Educational Dr. to Athens Dr., New Bridge at Indian Brook	10/15/2003	5/1/2017	5/1/2017	\$ 2,103,451.31	\$ 378,621.24	\$ 2,482,072.54
S	North Street	Replace Waterline, Grove Street to Central Street	9/29/2005	5/1/2017	5/1/2017	\$ 1,151,340.23	\$ 207,241.24	\$ 1,358,581.48
T	Old Colchester Road	New Sanitary Sewer	12/16/2008	5/1/2017	5/1/2017	\$ 768,015.36	\$ 145,922.92	\$ 913,938.28
U	Orchard Terrace	Sidewalk Replacement	10/17/2005	5/1/2017	5/1/2017	\$ 145,767.48	\$ 29,153.50	\$ 174,920.98
V	Pearl Street	New Waterline, 235 Pearl Street to Susie Wilson Road	9/29/2005	5/1/2017	5/1/2017	\$ 278,117.33	\$ 55,623.47	\$ 333,740.80
W	Pearl Street	Waterline Replacement, CVE Water Vault to Hillcrest Road	9/29/2005	Does not need to be completed per Rick Jones				
X	Pearl Street	Waterline Replacement, Hillcrest Road to Curtis Avenue	9/29/2005	Does not need to be completed per Rick Jones				
Y	Railroad Avenue	New Waterline, South of Lincoln Place to Central Street	9/29/2005	5/1/2017	5/1/2017	\$ 163,695.08	\$ 32,739.02	\$ 196,434.10
Z	River Street	Section A, New Curb and Sidewalk, Park Street to Stanton Drive	9/29/2005	5/1/2017	5/1/2017	\$ 165,141.48	\$ 33,028.30	\$ 198,169.78

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

	Street Name	Project Description	Original Capital Plan Date	Estimate Preparation Date	Cost Reference Date	Construction Cost	Engineering Fees	Total Cost
AA	River Street	Section B, New Curb and Sidewalk, Stanton Drive to Riverside in the Village	9/29/2005	5/1/2017	5/1/2017	\$ 239,866.45	\$ 47,973.29	\$ 287,839.74
BB	Rosewood Lane	Sidewalk Replacement, Mansfield to Briar, north side	9/28/2001	5/1/2017	5/1/2017	\$ 207,045.51	\$ 41,409.10	\$ 248,454.61
CC	South Street	Waterline Replacement, Park Street to Doon Way	6/21/2001	5/1/2017	5/1/2017	\$ 750,134.56	\$ 142,525.57	\$ 892,660.13
DD	South Street	Municipal Water and Sanitary Sewer Improvements	1/10/2009	Does not need to be completed per Rick Jones				
EE	South Summit St	Waterline Replacement, Pearl Street to Cherry Street	6/21/2001	Completed Summer of 2010				
FF	Summit Street	Waterline Replacement, Pearl Street to Prospect Street	9/29/2005	Completed Summer of 2011				
GG	Thasha Lane	Waterline Installation	9/29/2005	Does not need to be completed, Private Development				
HH	West Street	Waterline Replacement, South Summit to Hayden Drive	9/29/2005	5/1/2017	5/1/2017	\$ 838,597.35	\$ 159,333.50	\$ 997,930.84
II	Woods End	Road Reconstruction, Conventional Construction	9/28/2001	Rebuilt using Innovative Concstruction see Project "JJ"				
JJ	Woods End	Road Reconstruction, Innovative Construction	9/28/2001	Completed Summer of 2014				
KK	Main Street	New Drainage, Curb & Sidewalk-Pleasant Street to Bridge, Elevate Educational Drive Intersection	11/24/2003	5/1/2017	5/1/2017	\$ 487,172.81	\$ 97,434.56	\$ 584,607.38
LL	Main Street	New Bridge at Indian Brook, Enclose Drainage, New Curb & Sidewalk, Bridge to Crestview Road	11/24/2003	5/1/2017	5/1/2017	\$ 940,626.23	\$ 178,718.98	\$ 1,119,345.21
MM	Main Street	Enclose Drainage, New Curb & Sidewalk, Crestview Road to Taft Street	11/24/2003	5/1/2017	5/1/2017	\$ 694,984.75	\$ 132,047.10	\$ 827,031.85
NN	Main Street	Enclose Drainage, New Curb & Sidewalk, Taft Street to Athens Drive	2/24/2003	5/1/2017	5/1/2017	\$ 457,781.93	\$ 91,556.39	\$ 549,338.31
SS	Pearl Street	Sidewalk & Lighting Improvements from Mac's Market to Willeys Court	2/3/2009	Completed Summer of 2010				
TT	Pearl Street	Sidewalk and Lighting Improvements from Willeys Court to West Street Extension	2/3/2009	5/1/2017	5/1/2017	\$ 1,318,491.80	\$ 237,328.52	\$ 1,555,820.32
UU	Pearl Street	Sidewalk and Roadway Improvements from West Street to Susie Wilson Road	2/3/2009	5/1/2017	5/1/2017	\$ 771,107.11	\$ 146,510.35	\$ 917,617.46
VV	West Street	Sidewalk Improvements from South Street to Clems Drive	2/18/2009	5/1/2017	5/1/2017	\$ 580,536.53	\$ 110,301.94	\$ 690,838.47
WW	School Street	Water & Sanitary Sewer Improvements, Road Reconstruction	10/3/2013	Completed Summer of 2014				
XX	Maple Street	Replace Existing Drainage Pipe that Crosses Maple Street	11/1/2013	Completed Summer of 2015				
YY	Main Street	Enclose Drainage, New Curb, Bridge to Crestview Road	12/13/2013	Completed Summer of 2015				
YYa	Main Street	Install New Sidewalk and Lighting from Bridge to Crestview Road on the West Side	4/21/2014	5/1/2017	5/1/2017	\$ 226,192.06	\$ 45,238.41	\$ 271,430.48
ZZ	Main Street	Enclose Drainage, New Curb, Crestview Road to Top of Hill	12/13/2013	Completed Summer of 2015				
AAA	Main Street	Enclose Drainage, New Curb, Bridge to Top of Hill on West Side	1/7/2014	Completed Summer of 2015				
BBB	West Street	West St. & West St. Ext. Intersection Improvements	6/14/2014	5/1/2017	5/1/2017	\$ 79,854.24	\$ 15,970.85	\$ 95,825.09
CCC	Maple Street	Replace 300' of Waterline near Maple Street Park	2/20/2015	Completed Summer of 2015				
DDD	Hillcrest Road	Sidewalk Improvements from Pearl Street to Fleming School	4/6/2015	5/1/2017	5/1/2017	\$ 383,169.65	\$ 76,633.93	\$ 459,803.58
EEE	Greenwood Avenue	Drainage Course Improvements at 17 Greenwood Avenue	10/6/2015	5/1/2017	11/1/2016	\$ 33,194.79	\$ 6,638.96	\$ 39,833.75
FFF	West of Pearl	ANR PATH	5/1/2016	5/1/2017	5/1/2017	\$ 605,949.78	\$ 115,130.46	\$ 721,080.23
GGG	South Street	Sidewalk and Drainage Improvements	5/1/2016	5/1/2017	11/1/2016	\$ 94,740.28	\$ 18,948.06	\$ 113,688.34

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

			Original Capital	Estimate Preparation	Cost Reference	Construction	Engineering	Total
	Street Name	Project Description	Plan Date	Date	Date	Cost	Fees	Cost
HHH	Lincoln Hall	Sidewalk, Handicap Ramp and Parking Improvements	5/1/2016	5/1/2017	5/1/2017	\$ 35,073.01	\$ 7,014.60	\$ 42,087.61
III	Rosewood Lane	Road Reconstruction and Sidewalk Replacement	11/3/2016	5/1/2017	5/1/2017	\$ 1,218,676.75	\$ 219,361.82	\$ 1,438,038.57
JJJ	Main Street	Install 8' Wide Pedestrian Bridge over Indian Brook on East Side Main Street	12/9/2016	5/1/2017	5/1/2017	\$ 221,984.94	\$ 44,396.99	\$ 266,381.92

Note: Use ENR conversion factor for correction to projected construction date.

Enr Construction Index - December 2008 =	8551.32	
Enr Construction Index - February 2012 =	9198.29	7.5657%
Enr Construction Index - August 2012 =	9359.99	1.7579%
Enr Construction Index - November 2012 =	9398.41	0.4105%
Enr Construction Index - October 2013 =	9551.58	1.6297%
Enr Construction Index - August 2016 =	10385.65	8.7323%

WORK CLASSIFICATION SUMMARY

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Summary of Capital Projects Estimates

Cost Reference Date: 5/1/2017

Revision Date: 5/1/2017

Street Name	Project Description	Year Constructed	Construction Category						Total Cost
			Pavement Overlay	Roadway	Waterline	Sanitary Sewer	Storm Drainage	Sidewalk	
A Abnaki Avenue	Reconstruction of 525 L.F. of Roadway		\$ -	\$ 276,824.02	\$ -	\$ -	\$ -	\$ -	\$ 276,824.02
B Algonquin Avenue	Reconstruct 230 L.F. of Roadway & Install New Waterline	2012							
C Algonquin Avenue	New Waterline Installation, Cherokee Ave to Iroquois Ave		\$ -	\$ 138,856.81	\$ 53,466.53	\$ -	\$ -	\$ -	\$ 192,323.34
D Briar Lane	Sidewalk Replacement	2016							
E Briar Lane	Waterline and Sidewalk Replacement	2016							
F Briar Lane	Road Reconstruction, Conventional Construction	No Build							
G Briar Lane	Road Reconstruction, Innovative Construction	2016							
H Central Street	Waterline Replacement, Lincoln Street to Main Street		\$ -	\$ 654,104.26	\$ 362,606.53	\$ 5,841.49	\$ 12,053.87	\$ 59,376.62	\$ 1,093,982.78
I Church Street	Waterline Replacement, Main Street to East Street		\$ 23,226.79	\$ -	\$ 208,431.39	\$ -	\$ -	\$ -	\$ 231,658.18
J Densmore Drive	Partial Reconstruction and Culvert Replacement		\$ -	\$ 101,620.83	\$ -	\$ -	\$ 269,443.14	\$ 15,569.29	\$ 386,633.26
K Fairview Farms	Stormwater Pond Improvements	2010							
L Grant Street	Waterline Replacement, Jackson Street to Maple Street		\$ 26,332.05	\$ 63,450.23	\$ 205,898.95	\$ -	\$ -	\$ -	\$ 295,681.24
M Grove Street	Replace Sanitary Sewer, Road Reconstruction	2010							
N Hillcrest Road	Drainage Improvements on Hillcrest, Water & Drainage Improvements on North Hillcrest	2015							
O Iroquois Avenue	Road Reconstruction, South Summit Street to Park Street, Conventional Construction		\$ -	\$ 860,987.12	\$ 1,920.18	\$ 7,610.34	\$ 146,571.69	\$ -	\$ 1,017,089.33
P Iroquois Avenue	Road Reconstruction, South Summit Street to Park Street, Innovative Construction		\$ -	\$ 970,996.71	\$ 1,496.62	\$ 7,722.83	\$ 20,189.23	\$ -	\$ 1,000,405.39
Q Lamaille Street	Waterline Replacement and Roadway Reconstruction		\$ -	\$ 416,756.18	\$ 206,378.18	\$ -	\$ 8,113.27	\$ -	\$ 631,247.63
R Main Street	Enclose Drainage from Educational Dr. to Athens Dr., New Bridge at Indian Brook		\$ -	\$ 1,375,937.53	\$ -	\$ 18,782.85	\$ 473,534.12	\$ 235,196.81	\$ 2,103,451.31
S North Street	Replace Waterline, Grove Street to Central Street		\$ -	\$ 623,117.19	\$ 295,165.15	\$ 14,944.73	\$ 120,786.99	\$ 97,326.18	\$ 1,151,340.23
T Old Colchester Road	New Sanitary Sewer		\$ -	\$ 528,550.83	\$ -	\$ 239,464.53	\$ -	\$ -	\$ 768,015.36
U Orchard Terrace	Sidewalk Replacement		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 145,767.48	\$ 145,767.48
V Pearl Street	New Waterline, 235 Pearl Street to Susie Wilson Road		\$ -	\$ -	\$ 278,117.33	\$ -	\$ -	\$ -	\$ 278,117.33
W Pearl Street	Waterline Replacement, CVE Water Vault to Hillcrest Road	No Build							
X Pearl Street	Waterline Replacement, Hillcrest Road to Curtis Avenue	No Build							
Y Railroad Avenue	New Waterline, South of Lincoln Place to Central Street		\$ -	\$ 78,231.26	\$ 85,463.82	\$ -	\$ -	\$ -	\$ 163,695.08
Z River Street	Section A, New Curb and Sidewalk, Park Street to Stanton Drive		\$ -	\$ 31,393.67	\$ -	\$ -	\$ 29,212.60	\$ 104,535.22	\$ 165,141.48
AA River Street	Section B, New Curb and Sidewalk, Stanton Drive to Riverside in the Village		\$ -	\$ 42,458.28	\$ -	\$ -	\$ 158,706.86	\$ 38,701.31	\$ 239,866.45
BB Rosewood Lane	Sidewalk Replacement, Mansfield to Briar, north side		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 207,045.51	\$ 207,045.51
CC South Street	Waterline Replacement, Park Street to Doon Way		\$ -	\$ 131,530.30	\$ 462,969.34	\$ -	\$ -	\$ 155,634.93	\$ 750,134.56
DD South Street	Municipal Water and Sanitary Sewer Improvements	No Build							
EE South Summit	Waterline Replacement, Pearl Street to Cherry Street	2010							
FF Summit Street	Waterline Replacement, Pearl Street to Prospect Street	2011							
GG Thasha Lane	Waterline Installation	No Build							
HH West Street	Waterline Replacement, South Summit to Hayden Drive		\$ -	\$ 334,810.14	\$ 503,787.20	\$ -	\$ -	\$ -	\$ 838,597.35

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Summary of Capital Projects Estimates

Cost Reference Date: 5/1/2017

Revision Date: 5/1/2017

Street Name	Project Description	Year Constructed	Construction Category						Total Cost
			Pavement Overlay	Roadway	Waterline	Sanitary Sewer	Storm Drainage	Sidewalk	
II Woods End	Road Reconstruction, Conventional Construction	No Build							
JJ Woods End	Road Reconstruction, Innovative Construction	2014							
KK Main Street	New Drainage, Curb & Sidewalk-Pleasant Street to Bridge, Elevate Educational Drive Intersection		\$ 56,798.07	\$ 231,976.76	\$ -	\$ 7,771.07	\$ 84,828.47	\$ 105,798.44	\$ 487,172.81
LL Main Street	New Bridge at Indian Brook, Enclose Drainage, New Curb & Sidewalk, Bridge to Crestview Road		\$ 158,051.54	\$ 522,746.15	\$ -	\$ 5,676.76	\$ 147,770.68	\$ 106,381.09	\$ 940,626.23
MM Main Street	Enclose Drainage, New Curb & Sidewalk, Crestview Road to Taft Street		\$ 125,150.88	\$ 303,570.73	\$ -	\$ 7,691.90	\$ 155,242.43	\$ 103,328.80	\$ 694,984.75
NN Main Street	Enclose Drainage, New Curb & Sidewalk, Taft Street to Athens Drive		\$ 77,252.13	\$ 182,198.76	\$ -	\$ 1,568.33	\$ 127,142.03	\$ 69,620.68	\$ 457,781.93
SS Pearl Street	Sidewalk & Lighting Improvements from Mac's Market to Willeys Court	2010							
TT Pearl Street	Sidewalk and Lighting Improvements from Willeys Court to West Street Extension		\$ -	\$ 180,352.49	\$ 6,807.49	\$ -	\$ 17,775.93	\$ 1,113,555.88	\$ 1,318,491.80
UU Pearl Street	Sidewalk and Roadway Improvements from West Street to Susie Wilson Road		\$ -	\$ 223,604.16	\$ 8,588.62	\$ -	\$ 47,579.32	\$ 491,335.01	\$ 771,107.11
VV West Street	Sidewalk Improvements from South Street to Clems Drive		\$ -	\$ -	\$ 17,469.87	\$ -	\$ -	\$ 563,066.66	\$ 580,536.53
WW School Street	Water & Sanitary Sewer Improvements, Road Reconstruction	2014							
XX Maple Street	Replace Existing Drainage Pipe that Crosses Maple Street	2015							
YY Main Street	Enclose Drainage, New Curb, Bridge to Crestview Road	2015							
YYa Main Street	Install New Sidewalk and Lighting from Bridge to Crestview Road on the West Side		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 226,192.06	\$ 226,192.06
ZZ Main Street	Enclose Drainage, New Curb, Crestview Road to Top of Hill	2015							
AAA Main Street	Enclose Drainage, New Curb, Bridge to Top of Hill on West Side	2015							
BBB West Street	West St. & West St. Ext. Intersection Improvements		\$ 10,671.47	\$ 48,864.57	\$ -	\$ -	\$ 16,289.39	\$ 4,028.80	\$ 79,854.24
CCC Maple Street	Replace 300' of Waterline near Maple Street Park	2015							
DDD Hillcrest Road	Sidewalk Improvements from Pearl Street to Fleming School		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 383,169.65	\$ 383,169.65
EEE Greenwood Avenue	Drainage Course Improvements at 17 Greenwood Avenue		\$ -	\$ -	\$ -	\$ -	\$ 33,194.79	\$ -	\$ 33,194.79
FFF Pearl Street	ANR Multi Use Path		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 605,949.78	\$ 605,949.78
GGG South Street	Sidewalk and Drainage Improvements		\$ -	\$ -	\$ -	\$ -	\$ 33,061.51	\$ 57,708.27	\$ 94,740.28
HHH Lincoln Hall	Sidewalk, Handicap Ramp and Parking Improvements		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,073.01	\$ 35,073.01
III Rosewood Lane	Road Reconstruction and Sidewalk Replacement		\$ -	\$ 1,028,532.18	\$ -	\$ 48,307.70	\$ 12,912.01	\$ 128,924.87	\$ 1,218,676.75
JJJ Main Street	Install 8' Wide Pedestrian Bridge over Indian Brook on East Side Main Street		\$ -	\$ -	\$ -	\$ -	\$ -	\$ 221,984.94	\$ 221,984.94
Total By Category			\$ 477,482.94	\$ 9,351,471.16	\$ 2,698,567.21	\$ 365,382.53	\$ 1,914,408.32	\$ 5,275,271.29	\$ 20,086,553.95

Note: All prices shown are 2016 estimated construction dollars. Use ENR conversion factor for correction to projected construction date.

Enr Construction Index - December 2008 =
Enr Construction Index - February 2012 =
Enr Construction Index - August 2012 =
Enr Construction Index - November 2012 =
Enr Construction Index - October 2013 =
Enr Construction Index - August 2016 =

8551.32
9198.29 7.5657%
9359.99 1.7579%
9398.41 0.4105%
9551.58 1.6297%
10385.65 8.7323%

Enterprise Funds Totals \$ 3,063,949.74
General Funds Total \$ 16,541,150.77
Pavement Overlay Total \$ 477,482.94
All Categories Total \$ 20,082,583.45

INDIVIDUAL PROJECTS

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Abnaki Avenue
Reconstruction of 525 L.F. of Roadway**

Cost Reference Date: 5/1/2017
 Estimate Preparation Date: 5/1/2017
 Original Capital Plan Date: 11/24/2003

Primary Project Reason:

The existing roadway is subject to severe frost action.

Secondary Project Reason:

Assumptions:

- New roadway will have a pavement width of 24' with 1' gravel shoulder.
- Existing drainage structures will set to new finish grade.
- Insulation will be utilized versus underdrain.
- A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	276,824.02
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	-
	Combined Total	\$	276,824.02

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Abnaki Avenue

Cost Reference Date: 5/1/2017

Reconstruction of 525 L.F. of Roadway

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	70	lf	\$ 3.35	\$ 234.50
2) Excavation of Pavement 4" to 6" Thick	1,475	sy	\$ 10.19	\$ 15,030.25
3) Excavation for New Roadway Subbase	1,375	cy	\$ 21.00	\$ 28,875.00
4) Sand Borrow	140	cy	\$ 26.47	\$ 3,705.80
5) Dense Graded Crushed Stone	800	cy	\$ 35.96	\$ 28,768.00
6) Plant Mixed Gravel	275	cy	\$ 35.39	\$ 9,732.25
7) 2" Thick Extruded Polystyrene Panels	28,600	sf	\$ 2.07	\$ 59,202.00
8) Bituminous Concrete Pavement - 1-3/4", Type II	1,475	sy	\$ 12.37	\$ 18,245.75
9) Bituminous Concrete Pavement - 1-1/4", Type III	1,475	sy	\$ 9.49	\$ 13,997.75
10) Remove Existing Manhole Frame and Cover, Replace with New	1	each	\$ 1,101.95	\$ 1,101.95
11) Remove & Reset Catch Basin Frame & Grate	6	each	\$ 813.33	\$ 4,879.98
12) Supply & Spread Topsoil	70	cy	\$ 39.89	\$ 2,792.30
13) Seed, Fertilize, Lime and Matting	615	sy	\$ 2.88	\$ 1,771.20
14) New Bituminous Concrete Driveway and Apron	335	sy	\$ 48.34	\$ 16,193.90
15) New Gravel Driveway	70	sy	\$ 35.88	\$ 2,511.60
16) Traffic Control - Type I	20	day	\$ 460.34	\$ 9,206.80
17) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
18) Mobilization	---	---	5%	\$ 10,985.08
Contingency	---	---	20%	\$ 46,137.34

Subtotal	\$ 276,824.02
Design Engineering Services	\$ 27,682.40
Bidding and Construction Services	\$ 27,682.40
Grand Total	\$ 332,188.82

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Algonquin Avenue

Cost Reference Date: 5/1/2017

New Waterline Installation, Cherokee Ave to Iroquois Ave

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 10/17/2005

Primary Project Reason:

Install new waterline to complete loop between Cherokee Avenue
and Iroquois Avenue

Secondary Project Reason:

The existing roadway is subject to severe frost action.

Assumptions:

New roadway will have a pavement width of 24' with 1' gravel shoulder.

Existing drainage structures will set to new finish grade.

Insulation will be utilized versus underdrain.

A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay		
R	Roadway Reconstruction	\$	138,856.81
W	Waterline Improvements	\$	53,466.53
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements		
P	Sidewalk Improvements		
	Combined Total	\$	192,323.34

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Algonquin Avenue

Cost Reference Date: 5/1/2017

New Waterline Installation, Cherokee Ave to Iroquois Ave

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	100	lf	\$ 3.35	\$ 335.00
2) Excavation of Pavement 4" to 6" Thick	750	sy	\$ 10.19	\$ 7,642.50
3) Excavation for New Roadway Subbase	700	cy	\$ 21.00	\$ 14,700.00
4) Sand Borrow	70	cy	\$ 26.47	\$ 1,852.90
5) Dense Graded Crushed Stone	405	cy	\$ 35.96	\$ 14,563.80
6) Plant Mixed Gravel	135	cy	\$ 35.39	\$ 4,777.65
7) 2" Thick Extruded Polystyrene Panels	14,625	sf	\$ 2.07	\$ 30,273.75
8) Bituminous Concrete Pavement - 1-3/4", Type II	750	sy	\$ 12.37	\$ 9,277.50
9) Bituminous Concrete Pavement - 1-1/4", Type III	750	sy	\$ 9.49	\$ 7,117.50
10) Remove & Reset Catch Basin Frame & Grate	2	each	\$ 813.33	\$ 1,626.66
11) Supply & Spread Topsoil	35	cy	\$ 39.89	\$ 1,396.15
12) Seed, Fertilize and Matting	312	sy	\$ 2.88	\$ 898.56
13) Wet Tap (6x6)	1	each	\$ 4,771.79	\$ 4,771.79
14) 8" Ductile Iron Pipe, CL 52	281	lf	\$ 96.53	\$ 27,124.93
15) 8" Gate Valve	1	each	\$ 2,447.87	\$ 2,447.87
16) 8" Mechanical Bends	3	each	\$ 1,150.86	\$ 3,452.58
17) Reducer (8x6)	2	each	\$ 824.97	\$ 1,649.94
18) New Bituminous Concrete Driveway and Apron	105	sy	\$ 35.88	\$ 3,767.40
19) Traffic Control - Type I	20	day	\$ 460.34	\$ 9,206.80
20) Dust Control - Type II	1	ls	\$ 5,754.29	\$ 5,754.29
21) Mobilization	---	---	5%	\$ 7,631.88
Contingency	---	---	20%	\$ 32,053.89

Subtotal \$ 192,323.34
Design Engineering Services \$ 19,232.33
Bidding and Construction Services \$ 19,232.33
Grand Total \$ 230,788.01

**Village of Essex Junction
Capital Improvements
Construction Cost Estimate**

Central Street

Waterline Replacement, Lincoln Street to Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Replace old and undersized waterline

Secondary Project Reason:

Rebuild roadway

Remove and replace existing sidewalk

Assumptions:

New roadway will have a pavement width of 24' with curb on both sides.

Existing drainage structures will set to new finish grade.

New sidewalk to be 5' wide.

A portion of each residential driveway will be rebuilt to match new roadway.

Existing waterline to remain in service until new waterline is operational.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	654,104.26
W	Waterline Improvements	\$	362,606.53
S	Sanitary Sewer Improvements	\$	5,841.49
D	Storm Drainage Improvements	\$	12,053.87
P	Sidewalk Improvements	\$	59,376.62
	Combined Total	\$	1,093,982.78

**Village of Essex Junction
Capital Improvements
Construction Cost Estimate**

Central Street

Waterline Replacement, Lincoln Street to Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Wet Tap (8x8)	1	each	\$ 5,418.62	\$ 5,418.62
2) Wet Tap (6x6)	1	each	\$ 4,771.79	\$ 4,771.79
3) 8" Ductile Iron Pipe, CI 52	1,670	lf	\$ 96.53	\$ 161,205.10
4) 8" Gate Valve with valve box	7	each	\$ 2,447.87	\$ 17,135.09
5) 6" Gate Valve with valve box	2	each	\$ 1,990.98	\$ 3,981.96
6) 8"x8" Tee	6	each	\$ 2,190.08	\$ 13,140.48
7) 8"x6" Tee	2	each	\$ 2,190.08	\$ 4,380.16
8) 4"x4" Tee	1	each	\$ 1,165.53	\$ 1,165.53
9) 8" Mechanical Bends	7	each	\$ 1,150.86	\$ 8,056.02
10) 4" Mechanical Bends	2	each	\$ 627.91	\$ 1,255.82
11) 8"x6" Reducer	1	each	\$ 824.97	\$ 824.97
12) 8"x4" Reducer	1	each	\$ 824.97	\$ 824.97
13) 3/4" Copper Waterline	450	lf	\$ 44.41	\$ 19,984.50
14) 3/4" Corporation Stop	19	each	\$ 636.42	\$ 12,091.98
15) 3/4" Curb Stop	19	each	\$ 287.14	\$ 5,455.66
16) New Hydrant Assembly (Tee, Valve, Hydrant, Glands and 6' Pipe)	2	each	\$ 6,439.05	\$ 12,878.10
17) Saw Cut Existing Pavement 4" Thick	1,000	lf	\$ 3.35	\$ 3,350.00
18) Excavation of Pavement 4" to 6" Thick	4,450	sy	\$ 10.19	\$ 45,345.50
19) Remove Existing Concrete Sidewalk	400	sy	\$ 13.23	\$ 5,292.00
20) Remove Existing Concrete Curb	750	lf	\$ 5.58	\$ 4,185.00
21) Remove and Reset Existing Granite Curb	250	lf	\$ 19.45	\$ 4,862.50
22) Excavation for New Roadway Subbase	4,100	cy	\$ 21.00	\$ 86,100.00
23) Mirafi 500X Geotextile Fabric	4,825	sy	\$ 1.67	\$ 8,057.75
24) Dense Graded Crushed Stone - 24"	3,280	cy	\$ 35.96	\$ 117,948.80
25) Plant Mixed Gravel - 6"	820	cy	\$ 35.39	\$ 29,019.80
26) New Bituminous Concrete Pavement - 1-3/4", Type II	4,450	sy	\$ 12.37	\$ 55,046.50
27) New Bituminous Concrete Pavement - 1-1/4", Type III	4,450	sy	\$ 9.49	\$ 42,230.50
28) New Bituminous Concrete Driveway and Apron	650	sy	\$ 48.34	\$ 31,421.00

**Village of Essex Junction
Capital Improvements
Construction Cost Estimate**

Central Street

Cost Reference Date: 5/1/2017

Waterline Replacement, Lincoln Street to Main Street

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
29) Remove and Reset Existing Catch Basin Frame and Grate	12	each	\$ 813.33	\$ 9,759.96
30) Remove Existing Manhole Frame and Cover, Replace with New	4	each	\$ 1,101.95	\$ 4,407.80
31) New Cement Concrete Sidewalk - 4" Thick	340	sy	\$ 67.90	\$ 23,086.00
32) New Cement Concrete Sidewalk - 6" Thick	170	sy	\$ 92.95	\$ 15,801.50
33) New Cement Concrete Curb	750	lf	\$ 28.20	\$ 21,150.00
34) Supply and Spread Topsoil	425	cy	\$ 39.89	\$ 16,953.25
35) Seed, Fertilize, Lime and Matting	3,700	sy	\$ 2.88	\$ 10,656.00
36) Traffic Control - Type III	60	day	\$ 920.69	\$ 55,241.40
37) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
38) Mobilization	---	---	5%	\$ 43,412.02
Contingency	---	---	20%	\$ 182,330.46

Subtotal	\$ 1,093,982.78
Design Engineering Services	\$ 87,518.62
Bidding and Construction Services	\$ 109,398.28
Grand Total	\$ 1,290,899.68

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Church Street

Cost Reference Date: 5/1/2017

Waterline Replacement, Main Street to East Street

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Replace existing old and undersized waterline

Secondary Project Reason:

Overlay roadway

Assumptions:

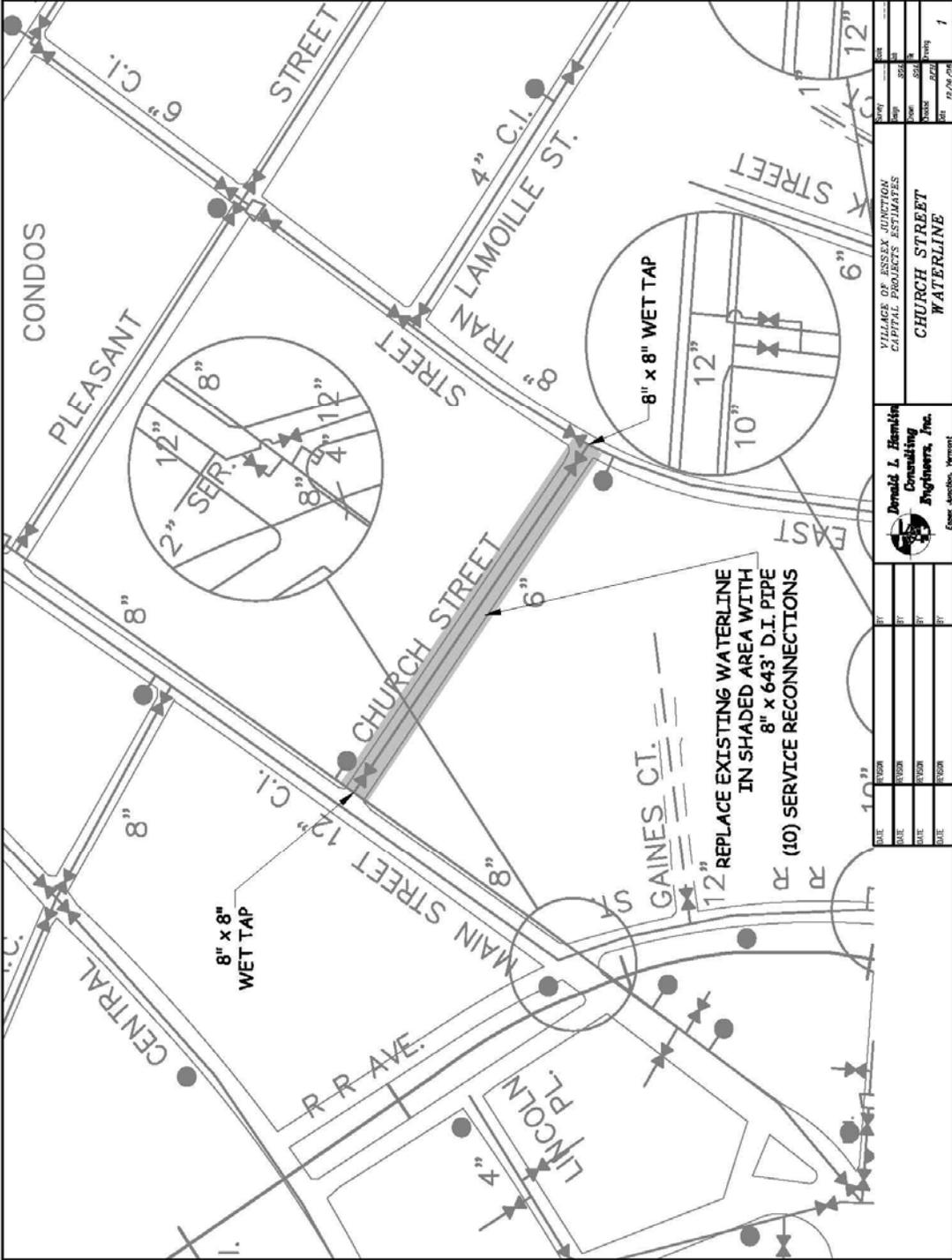
Existing waterline to remain in service until new waterline is operational.

A portion of each residential driveway will be rebuilt to match new roadway.

1-1/4" bituminous pavement overlay.

O	Pavement Overlay	\$	23,226.79
R	Roadway Reconstruction	\$	-
W	Waterline Improvements	\$	208,431.39
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	-
	Combined Total	\$	231,658.18

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	REVISION	BY	DATE	REVISION	BY

Donald L. Hamlin Consulting Engineers, Inc. <small>Essex Junction, Vermont</small>		VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES CHURCH STREET WATERLINE	SHEET 17/29/2018 1
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**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Church Street

Cost Reference Date: 5/1/2017

Waterline Replacement, Main Street to East Street

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	1,286	lf	\$ 3.35	\$ 4,308.10
2) Excavation of Pavement 4" to 6" Thick	640	sy	\$ 10.19	\$ 6,521.60
3) Wet Tap (8x8)	2	each	\$ 5,418.62	\$ 10,837.24
4) 8" Ductile Iron Pipe, CI 52	643	lf	\$ 96.53	\$ 62,068.79
5) 3/4" Copper Waterline	200	lf	\$ 44.41	\$ 8,882.00
6) 3/4" Corporation Stop	10	each	\$ 636.42	\$ 6,364.20
7) 3/4" Curb Stop	10	each	\$ 287.14	\$ 2,871.40
8) 24" Plant Mixed Gravel	430	cy	\$ 35.39	\$ 15,217.70
9) New Bituminous Concrete Pavement - 3" Thick Over Trench	640	sy	\$ 55.47	\$ 35,500.80
10) New Bituminous Concrete Pavement - 1-1/4", Type III	1,720	sy	\$ 9.49	\$ 16,322.80
11) Traffic Control - Type I	25	day	\$ 460.34	\$ 11,508.50
12) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
13) Mobilization	---	---	5%	\$ 9,192.79
Contingency	---	---	20%	\$ 38,609.70

Subtotal	\$ 231,658.18
Design Engineering Services	\$ 23,165.82
Bidding and Construction Services	\$ 23,165.82
Grand Total	\$ 277,989.82

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Densmore Drive
Partial Reconstruction and Culvert Replacement**

Cost Reference Date: 5/1/2017
 Estimate Preparation Date: 5/1/2017
 Original Capital Plan Date: 10/17/2005

Primary Project Reason:

The existing GMP culverts are in fair to poor condition and should be replaced.

Secondary Project Reason:

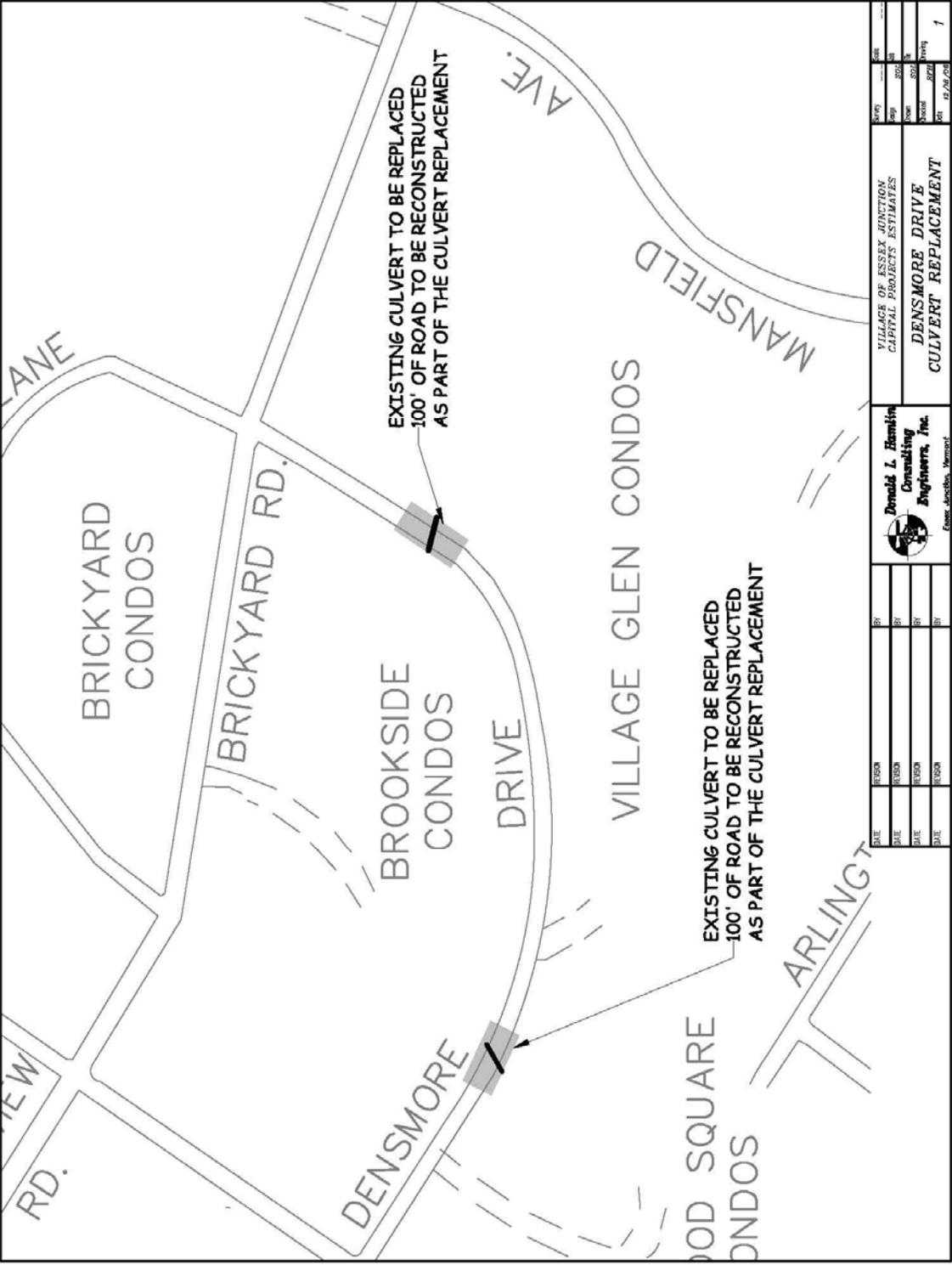
Rebuild roadway and replace sidewalk at culvert replacement.

Assumptions:

100' of roadway will be rebuilt over each culvert.
 New sidewalk will be installed at the new culvert locations.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	101,620.83
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	269,443.14
P	Sidewalk Improvements	\$	15,569.29
	 Combined Total	 \$	 386,633.26

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE		BY	VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES		NO.	DATE
DATE	REVISION	BY	 Donald L. Hamblin Consulting Engineers, Inc. <small>Center Street, Vermont</small>		NO.	DATE
DATE	REVISION	BY			NO.	DATE
DATE	REVISION	BY			NO.	DATE
DATE	REVISION	BY			NO.	DATE
			DENSMORE DRIVE CULVERT REPLACEMENT		1	02/26/2019

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Densmore Drive
Partial Reconstruction and Culvert Replacement**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	180	lf	\$ 3.35	\$ 603.00
2) Excavation of Pavement 4" to 6" Thick	675	sy	\$ 10.19	\$ 6,878.25
3) Excavation for New Roadway Subbase	575	cy	\$ 21.00	\$ 12,075.00
4) Mirafi 500X Geotextile Fabric	675	sy	\$ 1.67	\$ 1,127.25
5) Sand Borrow - 12"	225	cy	\$ 26.47	\$ 5,955.75
6) Dense Graded Crushed Stone - 24"	450	cy	\$ 35.96	\$ 16,182.00
7) Plant Mixed Gravel - 6"	115	cy	\$ 35.39	\$ 4,069.85
8) New Bituminous Concrete Pavement - 1-3/4", Type II	675	sy	\$ 12.37	\$ 8,349.75
9) New Bituminous Concrete Pavement - 1-1/4", Type III	675	sy	\$ 9.49	\$ 6,405.75
10) New Bituminous Concrete Driveway and Apron	30	sy	\$ 48.34	\$ 1,450.20
11) Remove and Reset Existing Catch Basin Frame and Grate	4	each	\$ 813.33	\$ 3,253.32
12) 10' x 4' Concrete Box Culvert	170	lf	\$ 1,179.05	\$ 200,438.50
13) Remove Existing Concrete Sidewalk	115	sy	\$ 13.23	\$ 1,521.45
14) Remove Existing Concrete Curb	400	lf	\$ 5.58	\$ 2,232.00
15) New Cement Concrete Sidewalk - 4" Thick	115	sy	\$ 67.90	\$ 7,808.50
16) New Cement Concrete Curb	400	lf	\$ 28.20	\$ 11,280.00
17) Supply and Spread Topsoil	35	cy	\$ 39.89	\$ 1,396.15
18) Seed, Fertilize, Lime and Matting	300	sy	\$ 2.88	\$ 864.00
19) Traffic Control - Type I	25	day	\$ 460.34	\$ 11,508.50
20) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
21) Mobilization	---	---	5%	\$ 15,342.59
Contingency	---	---	20%	\$ 64,438.88

Subtotal \$ 386,633.26
Design Engineering Services \$ 38,663.33
Bidding and Construction Services \$ 38,663.33
Grand Total \$ 463,959.91

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Grant Street

Waterline Replacement, Jackson Street to Maple Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Replace existing old and undersized waterline

Secondary Project Reason:

Overlay roadway

Assumptions:

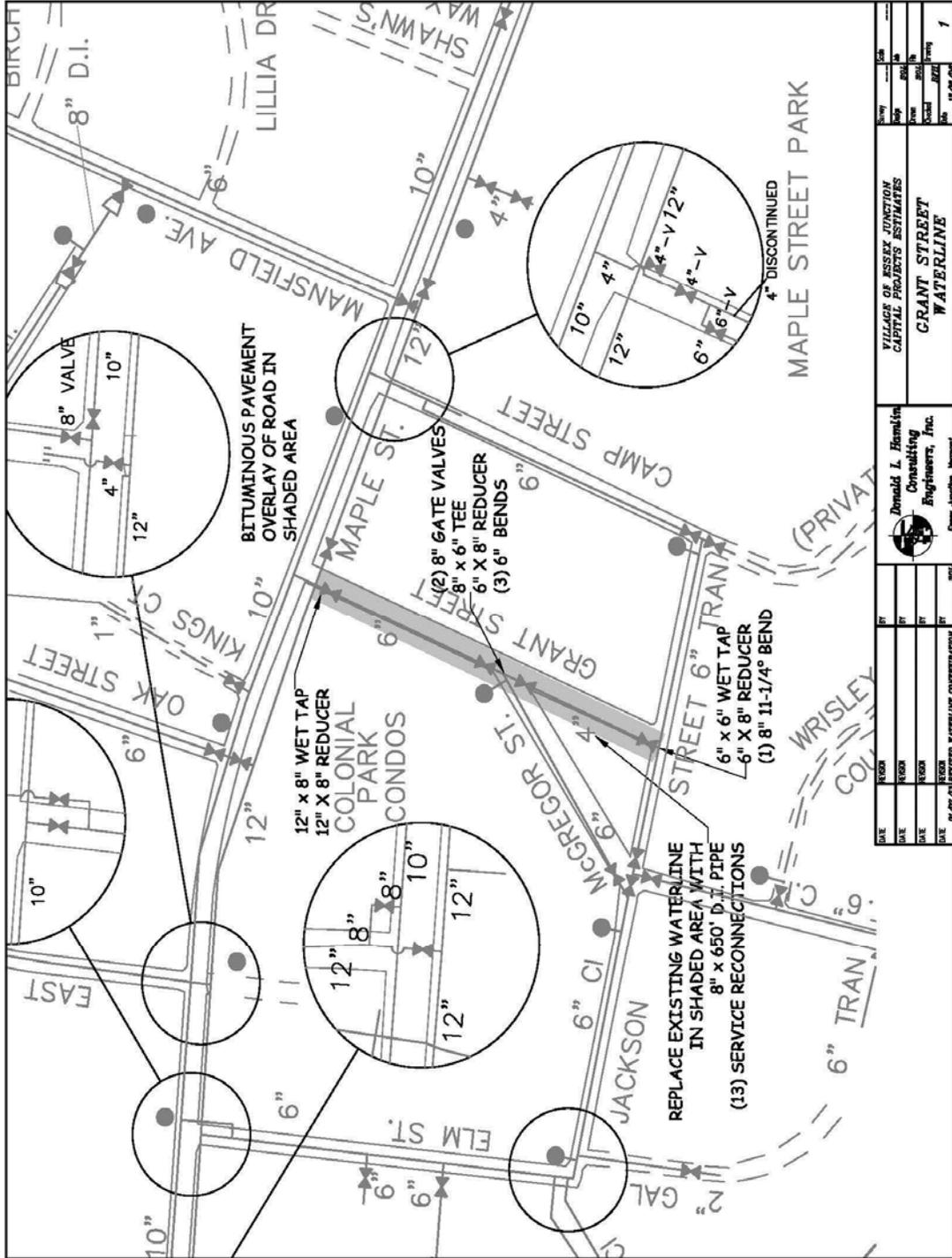
Existing waterline to remain in service until new waterline is operational.

A portion of each residential driveway will be rebuilt to match new roadway.

1-1/4" bituminous pavement overlay.

O	Pavement Overlay	\$	26,332.05
R	Roadway Reconstruction	\$	63,450.23
W	Waterline Improvements	\$	205,898.95
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements		
P	Sidewalk Improvements		
	Combined Total	\$	295,681.24

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	REVISION	BY	DATE	REVISION	BY	DATE	REVISION	BY

VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES	
GRANT STREET WATERLINE	
Donald L. Hamlin Consulting Engineers, Inc.	
Essex Junction, Vermont	

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Grant Street

Cost Reference Date: 5/1/2017

Waterline Replacement, Jackson Street to McGregor Street

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	1,600	lf	\$ 3.35	\$ 5,360.00
2) Excavation of Pavement 4" to 6" Thick	750	sy	\$ 10.19	\$ 7,642.50
3) Wet Tap (12x8)	1	each	\$ 6,870.62	\$ 6,870.62
4) Wet Tap (6x6)	1	each	\$ 4,771.79	\$ 4,771.79
5) 8" Ductile Iron Pipe, CI 52	650	lf	\$ 96.53	\$ 62,744.50
6) 8" Mechanical Bends	1	each	\$ 1,150.86	\$ 1,150.86
7) 8" Gate Valve	2	each	\$ 2,447.87	\$ 4,895.74
8) 8" x 6" Reducer	2	each	\$ 824.97	\$ 1,649.94
9) 8" X 6" Tee	1	each	\$ 2,190.08	\$ 2,190.08
10) 12" x 8" Reducer	1	each	\$ 1,685.00	\$ 1,685.00
11) 6" Mechanical Bends	3	each	\$ 799.85	\$ 2,399.55
12) 3/4" Corporation Stop	13	each	\$ 636.42	\$ 8,273.46
13) 3/4" Curb Stop	13	each	\$ 287.14	\$ 3,732.82
14) 3/4" Copper Waterline	260	lf	\$ 44.41	\$ 11,546.60
15) 24" Plant Mixed Gravel	500	cy	\$ 35.39	\$ 17,695.00
16) New Bituminous Concrete Pavement - 3" Thick Over Trench	750	sy	\$ 55.47	\$ 41,602.50
17) New Bituminous Concrete Pavement - 1-1/4", Type III	1,800	sy	\$ 9.49	\$ 17,082.00
18) Traffic Control - Type II	40	day	\$ 690.51	\$ 27,620.40
19) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
20) Mobilization	---	---	5%	\$ 11,733.38
Contingency	---	---	20%	\$ 49,280.21

Subtotal	\$	295,681.24
Design Engineering Services	\$	29,568.12
Bidding and Construction Services	\$	29,568.12
Grand Total	\$	354,817.49

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Iroquois Avenue

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Road Reconstruction, South Summit Street to Park Street, Conventional Construction

Original Capital Plan Date: 9/28/2001

Primary Project Reason:

Reconstruct the existing 24' wide roadway

Secondary Project Reason:

Assumptions:

New roadway will have a pavement width of 24'

Existing drainage structures will set to new finish grade.

Remove and reset existing granite curb.

A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	860,987.12
W	Waterline Improvements	\$	1,920.18
S	Sanitary Sewer Improvements	\$	7,610.34
D	Storm Drainage Improvements	\$	146,571.69
P	Sidewalk Improvements	\$	-
	 Combined Total	 \$	 1,017,089.33

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Iroquois Avenue

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Road Reconstruction, South Summit Street to Park Street, Conventional Construction

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	950	lf	\$ 3.35	\$ 3,182.50
2) Excavation of Pavement 4" to 6" Thick	5,350	sy	\$ 10.19	\$ 54,516.50
3) Excavation for New Roadway Subbase	6,250	cy	\$ 21.00	\$ 131,250.00
4) Mirafi 500X Geotextile Fabric	4,950	sy	\$ 1.67	\$ 8,266.50
5) Sand Borrow - 12"	1,800	cy	\$ 26.47	\$ 47,646.00
6) Dense Graded Crushed Stone - 24"	3,575	cy	\$ 35.96	\$ 128,557.00
7) Plant Mixed Gravel - 6"	900	cy	\$ 35.39	\$ 31,851.00
8) New Bituminous Concrete Pavement - 1-3/4", Type II	4,950	sy	\$ 12.37	\$ 61,231.50
9) New Bituminous Concrete Pavement - 1-1/4", Type III	4,950	sy	\$ 9.49	\$ 46,975.50
10) New Bituminous Concrete Driveway and Apron	460	sy	\$ 48.34	\$ 22,236.40
11) Remove and Reset Existing Catch Basin Frame and Grate	17	each	\$ 813.33	\$ 13,826.61
12) Adjust Existing Gate Valve Box to New Finish Grade	6	each	\$ 203.33	\$ 1,219.98
13) Underdrain	3,700	lf	\$ 23.49	\$ 86,913.00
14) Underdrain Cleanout	8	each	\$ 258.94	\$ 2,071.52
15) Connect New Underdrain to Existing Structure	8	each	\$ 918.80	\$ 7,350.40
16) Remove Existing Manhole Frame and Cover, Replace with New	5	each	\$ 1,101.95	\$ 5,509.75
17) Remove and Reset Existing Granite Curb	3,700	lf	\$ 19.45	\$ 71,965.00
18) Supply and Spread Topsoil	200	cy	\$ 39.89	\$ 7,978.00
19) Seed, Fertilize, Lime and Matting	1,550	sy	\$ 2.88	\$ 4,464.00
20) Traffic Control - Type III	70	day	\$ 920.69	\$ 64,448.30
21) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
22) Mobilization	---	---	5%	\$ 40,360.69
Contingency	---	---	20%	\$ 169,514.89

Subtotal \$ 1,017,089.33
Design Engineering Services \$ 81,367.15
Bidding and Construction Services \$ 101,708.93
Grand Total \$ 1,200,165.40

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Iroquois Avenue

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Road Reconstruction, South Summit Street to Park Street, Innovative Construction

Original Capital Plan Date: 9/28/2001

Primary Project Reason:

Reconstruct the existing 24' wide roadway

Secondary Project Reason:

Assumptions:

New roadway will have a pavement width of 24'

Existing drainage structures will set to new finish grade.

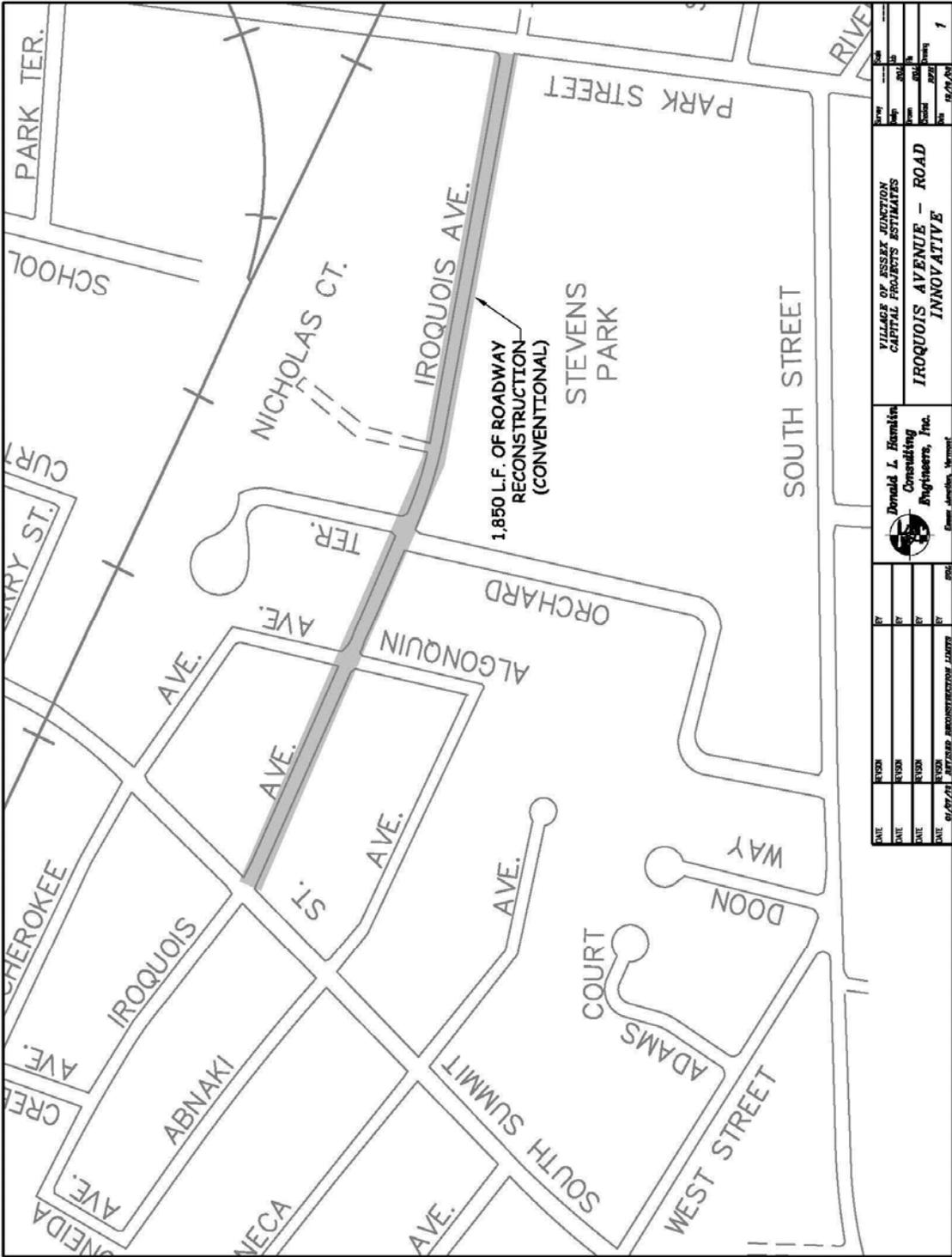
Remove and reset existing granite curb.

A portion of each residential driveway will be rebuilt to match new roadway.

Insulation will be utilized instead of underdrain.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	970,996.71
W	Waterline Improvements	\$	1,496.62
S	Sanitary Sewer Improvements	\$	7,722.83
D	Storm Drainage Improvements	\$	20,189.23
P	Sidewalk Improvements	\$	-
	Combined Total	\$	1,000,405.39

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Iroquois Avenue

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Road Reconstruction, South Summit Street to Park Street, Innovative Construction

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	950	lf	\$ 3.35	\$ 3,182.50
2) Excavation of Pavement 4" to 6" Thick	5,350	sy	\$ 10.19	\$ 54,516.50
3) Excavation for New Roadway Subbase	4,325	cy	\$ 21.00	\$ 90,825.00
3) Sand Borrow - 3"	460	cy	\$ 26.47	\$ 12,176.20
4) New 2" Thick Extruded Polystyrene Insulation	96,000	sf	\$ 2.07	\$ 198,720.00
5) Dense Graded Crushed Stone - 18"	2,700	cy	\$ 35.96	\$ 97,092.00
6) Plant Mixed Gravel - 6"	900	cy	\$ 35.39	\$ 31,851.00
7) New Bituminous Concrete Pavement - 1-3/4", Type II	4,950	sy	\$ 12.37	\$ 61,231.50
8) New Bituminous Concrete Pavement - 1-1/4", Type III	4,950	sy	\$ 9.49	\$ 46,975.50
9) New Bituminous Concrete Driveway and Apron	460	sy	\$ 48.34	\$ 22,236.40
10) Remove and Reset Existing Catch Basin Frame and Grate	17	each	\$ 813.33	\$ 13,826.61
11) Adjust Existing Gate Valve Box to New Finish Grade	6	each	\$ 203.33	\$ 1,219.98
12) Remove Existing Manhole Frame and Cover, Replace with New	5	each	\$ 1,101.95	\$ 5,509.75
13) Remove and Reset Existing Granite Curb	3,700	lf	\$ 19.45	\$ 71,965.00
14) Supply and Spread Topsoil	200	cy	\$ 39.89	\$ 7,978.00
15) Seed, Fertilize, Lime and Matting	1,550	sy	\$ 2.88	\$ 4,464.00
16) Traffic Control - Type III	70	day	\$ 920.69	\$ 64,448.30
17) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
18) Mobilization	---	---	5%	\$ 39,698.63
Contingency	---	---	20%	\$ 166,734.23

Subtotal \$ 1,000,405.39
Design Engineering Services \$ 80,032.43
Bidding and Construction Services \$ 100,040.54
Grand Total \$ 1,180,478.36

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Lamoille Street

Waterline Replacement and Roadway Reconstruction

Cost Reference Date: 5/1/2017
 Estimate Preparation Date: 5/1/2017
 Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Replace existing undersized and old waterline

Secondary Project Reason:

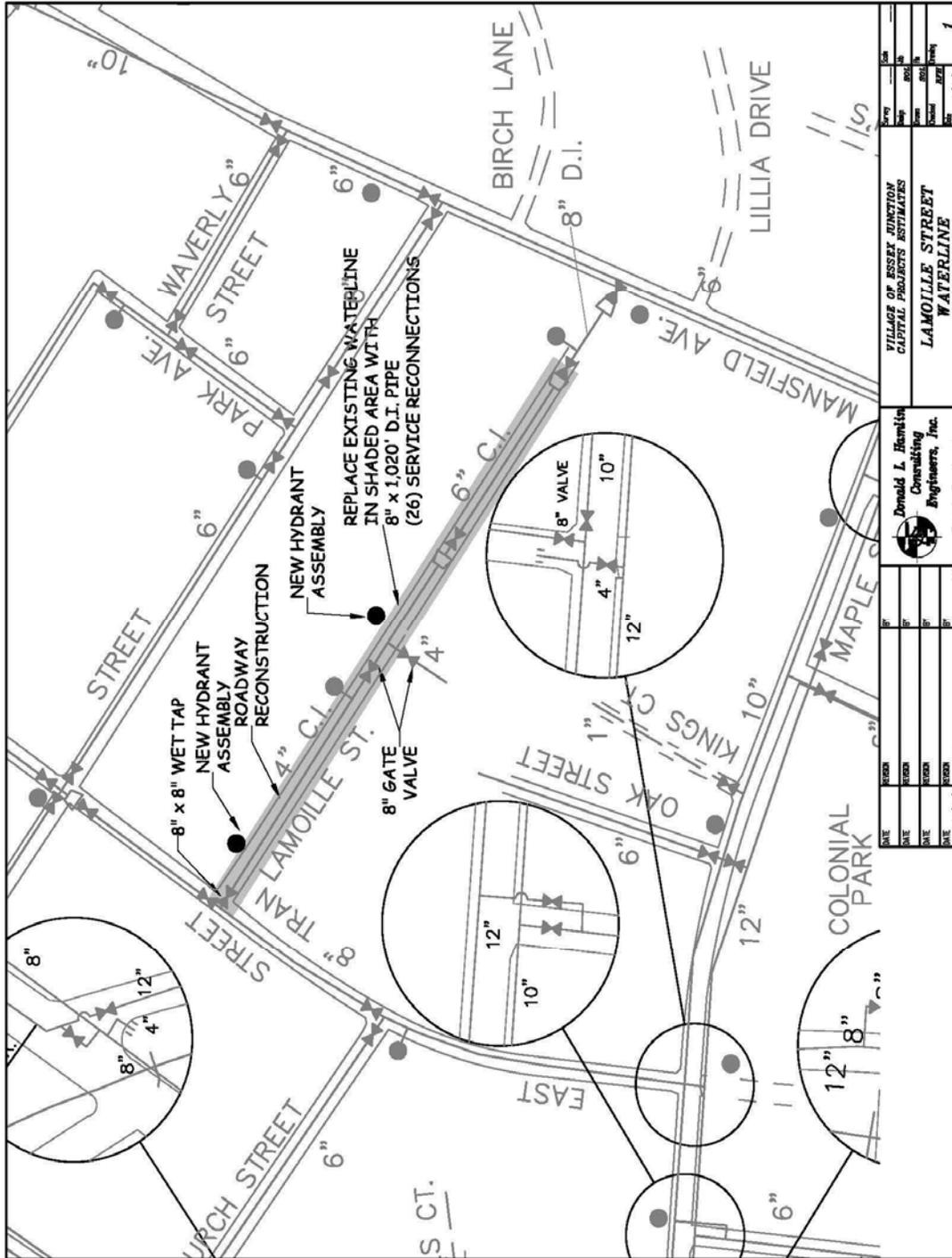
Rebuild roadway in area of waterline replacement

Assumptions:

- New roadway will have a pavement width of 24' with 1' gravel shoulder.
- Existing drainage structures will set to new finish grade.
- Existing waterline will remain in service until new waterline is operational.
- A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	416,756.18
W	Waterline Improvements	\$	206,378.18
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	8,113.27
P	Sidewalk Improvements	\$	-
	Combined Total	\$	631,247.63

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Lamoille Street

Cost Reference Date: 5/1/2017

Waterline Replacement and Roadway Reconstruction

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	725	lf	\$ 3.35	\$ 2,428.75
2) Excavation of Pavement 4" to 6" Thick	2,750	sy	\$ 10.19	\$ 28,022.50
3) Excavation for New Roadway Subbase	3,450	cy	\$ 21.00	\$ 72,450.00
4) Mirafi 500X Geotextile Fabric	3,000	sy	\$ 1.67	\$ 5,010.00
5) Sand Borrow - 12"	990	cy	\$ 26.47	\$ 26,205.30
6) Dense Graded Crushed Stone - 24"	1,975	cy	\$ 35.96	\$ 71,021.00
7) Plant Mixed Gravel - 6"	500	cy	\$ 35.39	\$ 17,695.00
8) New Bituminous Concrete Pavement - 1-3/4", Type II	2,725	sy	\$ 12.37	\$ 33,708.25
9) New Bituminous Concrete Pavement - 1-1/4", Type III	2,725	sy	\$ 9.49	\$ 25,860.25
10) New Bituminous Concrete Driveway and Apron	560	sy	\$ 48.34	\$ 27,070.40
11) Remove and Reset Existing Catch Basin Frame and Grate	7	each	\$ 813.33	\$ 5,693.31
12) Wet Tap (8x8)	1	each	\$ 5,418.62	\$ 5,418.62
13) 8" Gate Valve	2	each	\$ 4,771.79	\$ 1,897.76
14) 8" Ductile Iron Pipe, CI 52	1,020	lf	\$ 81.72	\$ 83,354.40
15) 8" Mechanical Bends	2	each	\$ 799.85	\$ 2,447.87
16) Reducer (8x6)	2	each	\$ 824.97	\$ 1,649.94
17) New Hydrant Assembly (Tee, Valve, Hydrant, Glands and 6' Pipe)	2	each	\$ 6,439.05	\$ 12,878.10
18) 3/4" Copper Waterline	520	lf	\$ 44.41	\$ 23,093.20
19) 3/4" Corporation Stop	26	each	\$ 636.42	\$ 16,546.92
20) 3/4" Curb Stop	26	each	\$ 287.14	\$ 7,465.64
21) Traffic Control - Type I	60	day	\$ 460.34	\$ 27,620.40
22) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
23) Mobilization	---	---	5%	\$ 25,049.51
Contingency	---	---	20%	\$ 105,207.94

Subtotal	\$	631,247.63
Design Engineering Services	\$	56,812.29
Bidding and Construction Services	\$	63,124.76
Grand Total	\$	751,184.68

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage from Educational Dr. to Athens Dr., New Bridge at Indian Brook

Original Capital Plan Date: 10/15/2003

Primary Project Reason:

Install New 5' wide sidewalk

Enclose storm Drainage

Secondary Project Reason:

Replace old Bridge

Assumptions:

5' Wide sidewalk.

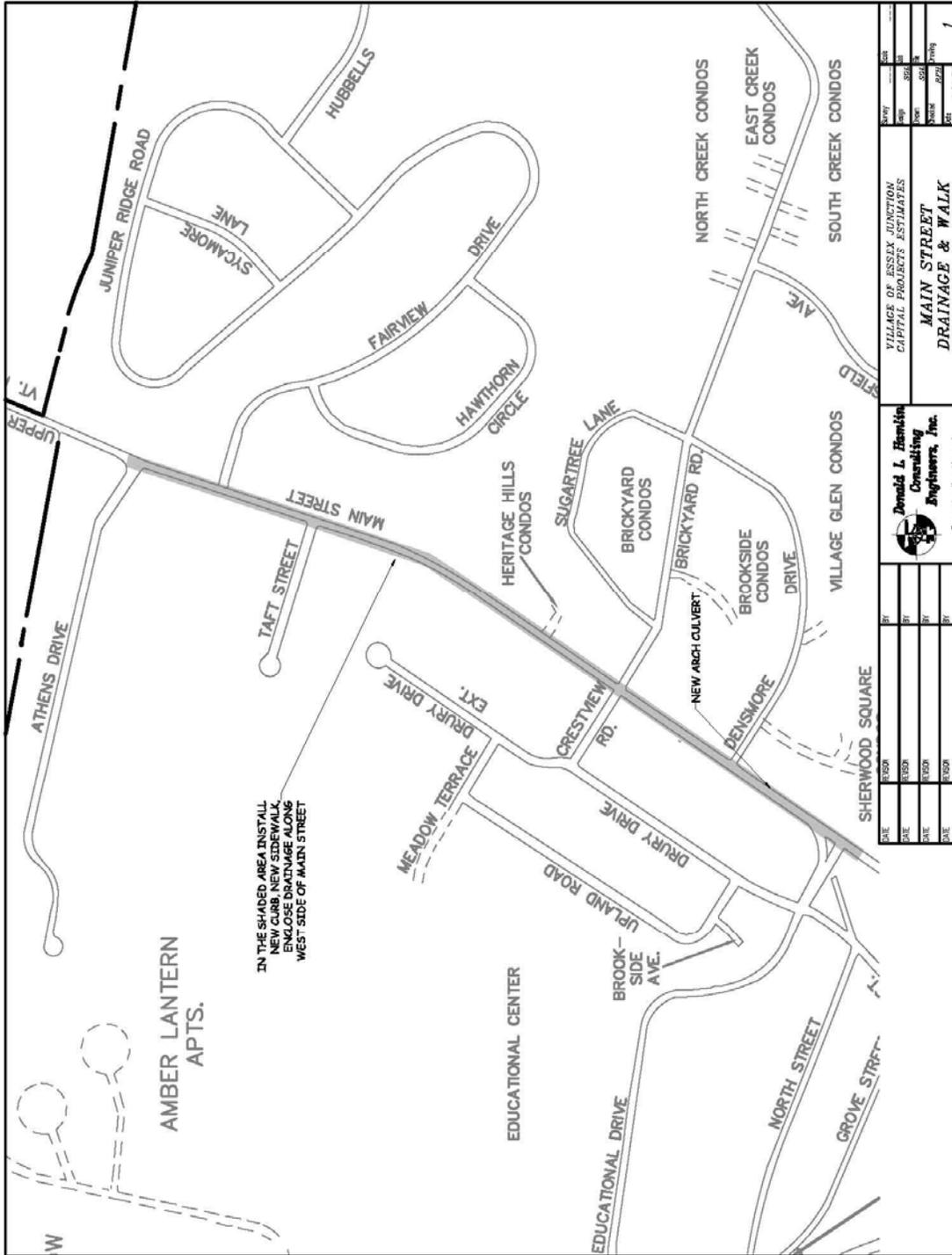
New bridge is an arch culvert

Two way traffic maintained

A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	1,375,937.53
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	18,782.85
D	Storm Drainage Improvements	\$	473,534.12
P	Sidewalk Improvements	\$	235,196.81
	Combined Total	\$	2,103,451.31

Village of Essex Junction Capital Projects Construction Cost Estimate



**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage from Educational Dr. to Athens Dr., New Bridge at Indian Brook

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	400	lf	\$ 3.35	\$ 1,340.00
2) Remove Existing Concrete Curb	1,100	lf	\$ 5.58	\$ 6,138.00
3) Excavation of Pavement 4" to 6" Thick	3,850	sy	\$ 10.19	\$ 39,231.50
4) Remove Existing Concrete Sidewalk	562	sy	\$ 13.23	\$ 7,435.26
5) Remove Existing Pipe - To 8' Deep	525	lf	\$ 16.22	\$ 8,515.50
6) Remove Existing Pipe - 8' to 12' Deep	600	lf	\$ 24.32	\$ 14,592.00
7) Remove Existing Structure - 8' to 12' Deep	9	each	\$ 1,086.41	\$ 9,777.69
8) Silt Fence	1,200	lf	\$ 3.05	\$ 3,660.00
9) Remove Existing Manhole Frame and Cover, Replace with New	13	each	\$ 1,101.95	\$ 14,325.35
10) Test Excavation	20	each	\$ 556.37	\$ 11,127.40
11) Remove and Reset Existing Catch Basin Frame and Grate	1	each	\$ 813.33	\$ 813.33
12) Catch Basin - 4' Dia., To 8' Deep	20	each	\$ 4,223.58	\$ 84,471.60
13) 18" HDPE Drainage Pipe - To 8' Deep	3,000	lf	\$ 68.05	\$ 204,150.00
14) Type I Rip Rap for Outfall Pads	40	cy	\$ 109.33	\$ 4,373.20
15) Excavation for New Roadway Subbase	2,200	cy	\$ 21.00	\$ 46,200.00
16) Sand Borrow	625	cy	\$ 26.47	\$ 16,543.75
17) Dense Graded Crushed Stone	1,300	cy	\$ 35.96	\$ 46,748.00
18) Plant Mixed Gravel	1,100	cy	\$ 35.39	\$ 38,929.00
19) New Cement Concrete Curb	4,350	lf	\$ 28.20	\$ 122,670.00
20) New Cement Concrete Sidewalk - 4" Thick	2,000	sy	\$ 67.90	\$ 135,800.00
21) New Cement Concrete Sidewalk - 6" Thick	300	sy	\$ 92.95	\$ 27,885.00
22) New Bituminous Concrete Pavement - 4" Thick Over Trench	5,750	sy	\$ 65.02	\$ 373,865.00
23) New Bituminous Concrete Driveway and Apron	975	sy	\$ 48.34	\$ 47,131.50
24) New Gravel Driveway	450	sy	\$ 35.88	\$ 16,146.00
25) 4" White Line - Painted	4,700	lf	\$ 1.07	\$ 5,029.00
26) 4" Yellow Line - Painted	2,000	lf	\$ 1.07	\$ 2,140.00
27) 24" Wide Stop Bar - Painted	175	lf	\$ 7.80	\$ 1,365.00
28) 12" Wide Crosswalk Bar - Painted	800	lf	\$ 7.48	\$ 5,984.00

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage from Educational Dr. to Athens Dr., New Bridge at Indian Brook

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
29) Symbol or Letter - Painted	40	each	\$ 127.75	\$ 5,110.00
30) Supply and Spread Topsoil	1,000	cy	\$ 39.89	\$ 39,890.00
31) Seed, Fertilize, Lime and Matting	8,500	sy	\$ 2.88	\$ 24,480.00
32) Temporary Bridge	1	ls	\$ 72,158.75	\$ 72,158.75
33) New Bridge (Arch Culvert) at Indian Brook	1	ls	\$ 108,238.13	\$ 108,238.13
34) Traffic Control = Type IV	85	day	\$ 1,381.03	\$ 117,387.55
35) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
36) Mobilization	---	---	5%	\$ 83,470.29
Contingency	---	---	20%	\$ 350,575.22

Subtotal \$ 2,103,451.31
Design Engineering Services \$ 168,276.10
Bidding and Construction Services \$ 210,345.13
Grand Total \$ 2,482,072.54

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

North Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Replace Waterline, Grove Street to Central Street

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Replace old and undersized waterline

Secondary Project Reason:

Rebuild roadway because of deep excavation

Rebuild storm drainage

Assumptions:

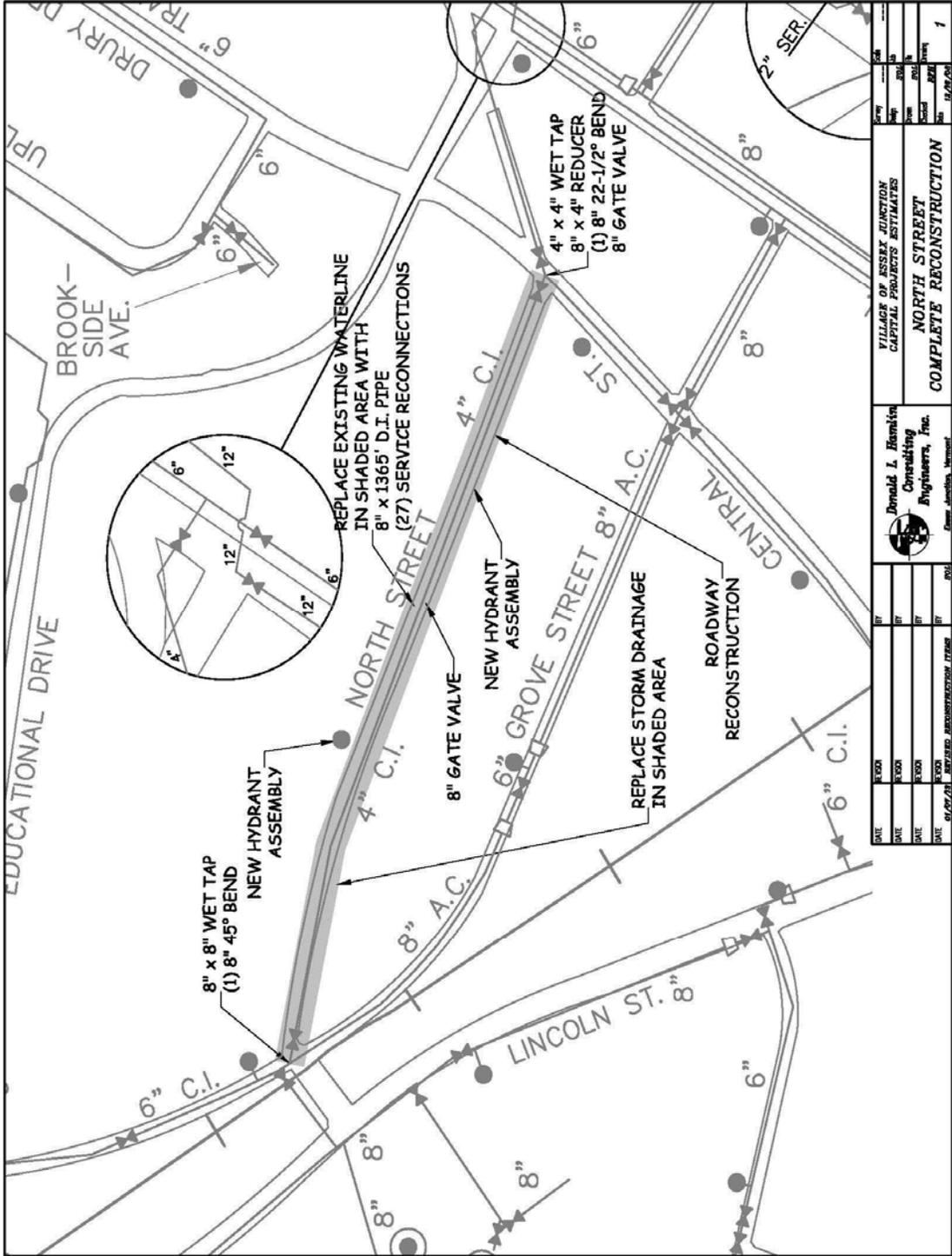
New roadway will have a pavement width of 24' with curb.

Existing waterline will remain in use until new waterline is operational.

New 5' sidewalk on one side of the road.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	623,117.19
W	Waterline Improvements	\$	295,165.15
S	Sanitary Sewer Improvements	\$	14,944.73
D	Storm Drainage Improvements	\$	120,786.99
P	Sidewalk Improvements	\$	97,326.18
	Combined Total	\$	1,151,340.23

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	SCALE	VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES NORTH STREET COMPLETE RECONSTRUCTION
DATE	BY	SCALE	
DATE	BY	SCALE	
DATE	BY	SCALE	
DUC 01/07/21 REVISED INTERSECTION TIE-IN			Donald L. Hamlin Consulting Engineers, Inc. Essex Junction, Vermont
REVISED INTERSECTION TIE-IN			1

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

North Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Replace Waterline, Grove Street to Central Street

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	640	lf	\$ 3.35	\$ 2,144.00
2) Excavation of Pavement 4" to 6" Thick	3,940	sy	\$ 10.19	\$ 40,148.60
3) Remove Existing Concrete Curb	1,325	lf	\$ 5.58	\$ 7,393.50
4) Remove Existing Concrete Sidewalk	590	sy	\$ 13.23	\$ 7,805.70
5) Excavation for New Roadway Subbase	3,925	cy	\$ 21.00	\$ 82,425.00
6) Dense Graded Crushed Stone	3,140	cy	\$ 35.96	\$ 112,914.40
7) Plant Mixed Gravel	785	cy	\$ 35.39	\$ 27,781.15
8) Mirafi 500X Geotextile Fabric	4,715	sy	\$ 1.67	\$ 7,874.05
9) New Bituminous Concrete Pavement - 1-3/4", Type II	4,405	sy	\$ 12.37	\$ 54,489.85
10) New Bituminous Concrete Pavement - 1-1/4", Type III	4,405	sy	\$ 9.49	\$ 41,803.45
11) New Bituminous Concrete Driveway and Apron	600	sy	\$ 48.34	\$ 29,004.00
12) New Cement Concrete Curb	2,650	lf	\$ 28.20	\$ 74,730.00
13) New Cement Concrete Sidewalk - 4" Thick	510	sy	\$ 67.90	\$ 34,629.00
14) New Cement Concrete Sidewalk - 6" Thick	235	sy	\$ 92.95	\$ 21,843.25
15) Wet Tap (8x8)	1	each	\$ 5,418.62	\$ 5,418.62
16) Wet Tap (4x4)	1	each	\$ 4,280.35	\$ 4,280.35
17) 8" Ductile Iron Pipe, CI 52	1,365	lf	\$ 96.53	\$ 131,763.45
18) 8" Mechanical Bends	2	each	\$ 1,150.86	\$ 2,301.72
19) Reducer (8x4)	1	each	\$ 824.97	\$ 824.97
20) 8" Gate Valve with Valve Box	2	each	\$ 2,447.87	\$ 4,895.74
21) New Hydrant Assembly (Tee, Valve, Hydrant, Glands and 6' Pipe)	2	each	\$ 6,439.05	\$ 12,878.10
22) 3/4" Corporation Stop	27	each	\$ 636.42	\$ 17,183.34
23) 3/4" Curb Stop	27	each	\$ 287.14	\$ 7,752.78
24) 3/4" Copper Waterline	550	lf	\$ 44.41	\$ 24,425.50
25) Remove Existing Manhole Frame and Cover, Replace with New	5	each	\$ 1,101.95	\$ 5,509.75

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

North Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Replace Waterline, Grove Street to Central Street

ITEM	QUANTITY	UNIT	PRICE	TOTAL
27) Connect New Pipe to Existing Structure	1	each	\$ 918.80	\$ 918.80
28) Catch Basin - 4' Dia., To 8' Deep	6	each	\$ 4,223.58	\$ 25,341.48
29) 15" HDPE Drainage Pipe - To 8' Deep	900	lf	\$ 58.51	\$ 52,659.00
30) Supply & Spread Topsoil	385	cy	\$ 39.89	\$ 15,357.65
31) Seed, Fertilize and Matting	3,500	sy	\$ 2.88	\$ 10,080.00
32) Traffic Control - Type II	60	day	\$ 690.51	\$ 41,430.60
33) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
34) Mobilization	---	---	5%	\$ 45,688.10
Contingency	---	---	20%	\$ 191,890.04

Subtotal	\$ 1,151,340.23
Design Engineering Services	\$ 92,107.22
Bidding and Construction Services	\$ 115,134.02
Grand Total	\$ 1,358,581.48

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Old Colchester Road
New Sanitary Sewer**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017
Original Capital Plan Date: 12/16/2008

Primary Project Reason:

Install New Municipal Sanitary Sewer.

Secondary Project Reason:

Roadway Reconstruction due to depth of sewer installation.

Assumptions:

New roadway will have a pavement width of 24' with 1' gravel shoulder.

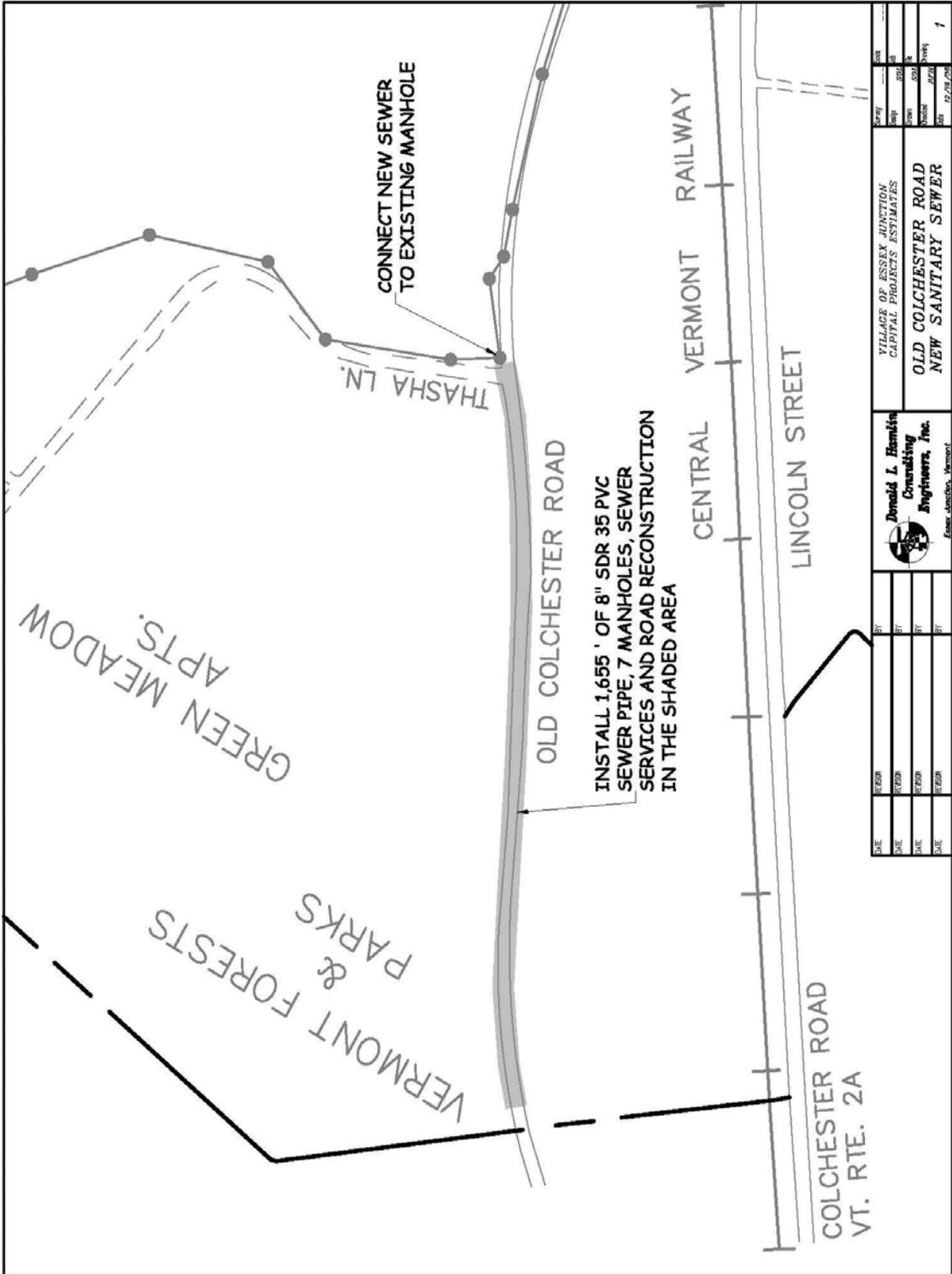
New 8" SDR PVC Sewer Pipe.

8' to 12' Deep Structures.

A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	528,550.83
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	239,464.53
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	-
	Combined Total	\$	768,015.36

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	DESCRIPTION

VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES		DATE	12/28/2018
OLD COLCHESTER ROAD NEW SANITARY SEWER		PROJECT NO.	2018-001
Donald L. Hamlin Consulting Engineers, Inc.		SCALE	AS SHOWN
Essex Junction, Vermont			

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Old Colchester Road
New Sanitary Sewer**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	80	lf	\$ 3.35	\$ 268.00
2) Excavation of Pavement 4" to 6" Thick	4,535	sy	\$ 10.19	\$ 46,211.65
3) Excavation for New Roadway Subbase	4,100	cy	\$ 21.00	\$ 86,100.00
4) 24" Dense Graded Crushed Stone	3,275	cy	\$ 35.96	\$ 117,769.00
5) 6" Plant Mixed Gravel	825	cy	\$ 35.39	\$ 29,196.75
6) Bituminous Concrete Pavement - 1-3/4", Type II	4,550	sy	\$ 12.37	\$ 56,283.50
7) Bituminous Concrete Pavement - 1-1/4", Type III	4,550	sy	\$ 9.49	\$ 43,179.50
8) Sanitary Sewer Manhole - 4' Dia., 8' to 12' Deep	7	each	\$ 6,406.29	\$ 44,844.03
9) 8" SDR 35 PVC Sewer Pipe - 8' to 12' Deep	1,655	lf	\$ 69.05	\$ 114,277.75
10) 6" SDR 35 PVC Sewer Pipe - 8' to 12' Deep	360	lf	\$ 69.05	\$ 24,858.00
11) Supply & Spread Topsoil	200	cy	\$ 39.89	\$ 7,978.00
12) Seed, Fertilize and Matting	1,900	sy	\$ 2.88	\$ 5,472.00
13) New Bituminous Concrete Driveway and Apron	100	sy	\$ 48.34	\$ 4,834.00
14) New Gravel Driveway Repair	50	sy	\$ 35.88	\$ 1,794.00
15) Traffic Control - Type III	25	day	\$ 920.69	\$ 23,017.25
16) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
17) Mobilization	---	---	5%	\$ 30,476.80
Contingency	---	---	20%	\$ 128,002.56

Subtotal	\$	768,015.36
Design Engineering Services	\$	69,121.38
Bidding and Construction Services	\$	76,801.54
Grand Total	\$	913,938.28

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Orchard Terrace
Sidewalk Replacement**

Cost Reference Date: 5/1/2017
 Estimate Preparation Date: 5/1/2017
 Original Capital Plan Date: 10/17/2005

Primary Project Reason:

Replace existing sidewalk with new sidewalk

Secondary Project Reason:

Assumptions:

- New walk on one side only.
- New sidewalk to be 5' wide.
- Walk removed from one side and replaced with new lawn.
- A portion of each residential driveway will be rebuilt to match new sidewalk.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	-
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	145,767.48
	Combined Total	\$	145,767.48

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Orchard Terrace
Sidewalk Replacement**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 3" Thick or Less	400	lf	\$ 2.30	\$ 920.00
2) Excavation of Pavement to 3" Thick	375	sy	\$ 6.21	\$ 2,328.75
3) Remove Existing Concrete Sidewalk	500	sy	\$ 13.23	\$ 6,615.00
4) New Cement Concrete Sidewalk - 4" Thick	840	sy	\$ 67.90	\$ 57,036.00
5) New Cement Concrete Sidewalk - 6" Thick	190	sy	\$ 92.95	\$ 17,660.50
6) New Bituminous Concrete Driveway and Apron	375	sy	\$ 48.34	\$ 18,127.50
7) Supply and Spread Topsoil	50	cy	\$ 39.89	\$ 1,994.50
8) Seed, Fertilize, Lime and Matting	425	sy	\$ 2.88	\$ 1,224.00
9) Traffic Control - Type I	20	day	\$ 460.34	\$ 9,206.80
10) Dust Control - Type I	1	ls	\$ 575.43	\$ 575.43
11) Mobilization	---	---	5%	\$ 5,784.42
Contingency	---	---	20%	\$ 24,294.58

	Subtotal	\$ 145,767.48
	Design Engineering Services	\$ 14,576.75
	Bidding and Construction Services	\$ 14,576.75
	Grand Total	\$ 174,920.98

The work includes the following components:

- A - Remove and replace walk on west side, north of Iroquois Avenue
- B - Remove and replace walk on west side, south of Iroquois Avenue

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

New Waterline, 235 Pearl Street to Susie Wilson Road

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Replace existing old and undersized waterline.

Secondary Project Reason:

Assumptions:

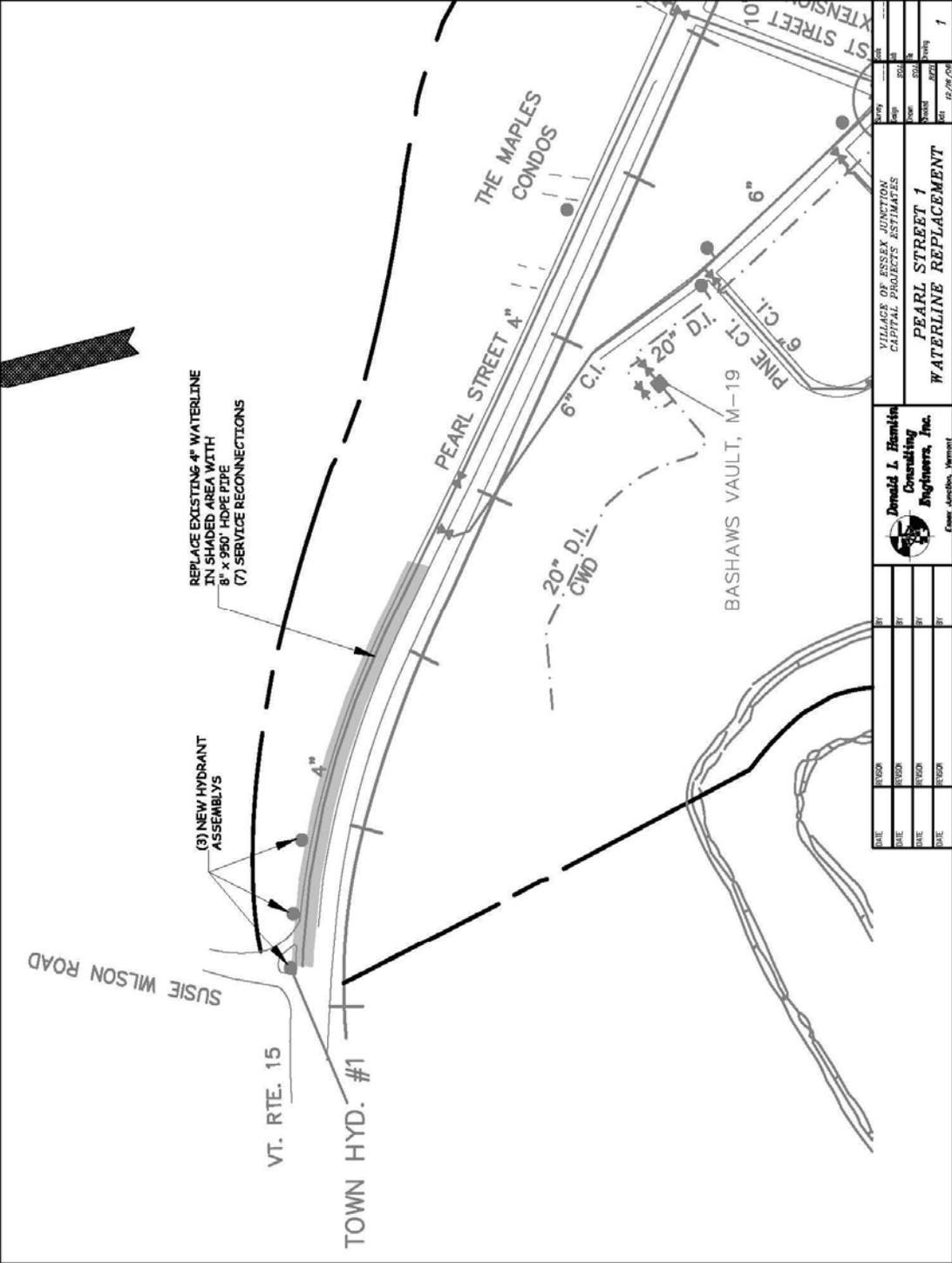
New waterline installed by directional bore.

All water services from new waterline to each resident

Existing waterline remains in use until new waterline is operationl.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	-
W	Waterline Improvements	\$	278,117.33
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	-
	Combined Total	\$	278,117.33

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	DATE	BY
12/28/2021	DLH	12/28/2021	DLH
Donald L. Hamblett Consulting Engineers, Inc. <small>Essex Junction, Vermont</small>			
VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES			
PEARL STREET 1			
WATERLINE REPLACEMENT			
NO.	DATE	BY	REV.
1	12/28/2021	DLH	1

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

New Waterline, 235 Pearl Street to Susie Wilson Road

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	530	lf	\$ 3.35	\$ 1,775.50
2) Excavation of Pavement 4" to 6" Thick	200	sy	\$ 10.19	\$ 2,038.00
3) Remove and Reset Existing Granite Curb	160	lf	\$ 19.45	\$ 3,112.00
4) 8" HDPE Waterline by Directional Bore	920	lf	\$ 118.76	\$ 109,259.20
5) 6" Ductile Iron Pipe, CI 52	40	lf	\$ 81.72	\$ 3,268.80
6) 6" Tee	1	each	\$ 1,542.15	\$ 1,542.15
7) 6" Gate Valve with Valve Box	1	each	\$ 1,990.98	\$ 1,990.98
8) New Hydrant Assembly (Tee, Valve, Hydrant, Glands and 6' Pipe)	3	each	\$ 6,439.05	\$ 19,317.15
9) HDPE Fusing Coupling	8	each	\$ 776.31	\$ 6,210.48
10) 3/4" Copper Waterline	140	lf	\$ 44.41	\$ 6,217.40
11) 3/4" Corporation Stop	7	each	\$ 636.42	\$ 4,454.94
12) 3/4" Curb Stop	7	each	\$ 287.14	\$ 2,009.98
13) Cap and Abandon Existing 4" Waterline	2	each	\$ 3,826.89	\$ 7,653.78
14) Plant Mixed Gravel - 24"	100	cy	\$ 35.39	\$ 3,539.00
15) New Bituminous Concrete Pavement - 4" Thick Over Trench	40	sy	\$ 65.02	\$ 2,600.80
16) Excavation Pit on Route 15	11	each	\$ 1,150.86	\$ 12,659.46
17) Supply and Spread Topsoil	25	cy	\$ 39.89	\$ 997.25
18) Seed, Fertilize, Lime and Matting	350	sy	\$ 2.88	\$ 1,008.00
19) Traffic Control - Type IV	20	day	\$ 1,381.03	\$ 27,620.60
20) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
21) Mobilization	---	---	5%	\$ 11,036.40
Contingency	---	---	20%	\$ 46,352.89

Subtotal	\$	278,117.33
Design Engineering Services	\$	27,811.73
Bidding and Construction Services	\$	27,811.73
Grand Total	\$	333,740.80

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Railroad Avenue

Cost Reference Date: 5/1/2017

New Waterline, South of Lincoln Place to Central Street

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Install new waterline for improved water quality and fire protection

Secondary Project Reason:

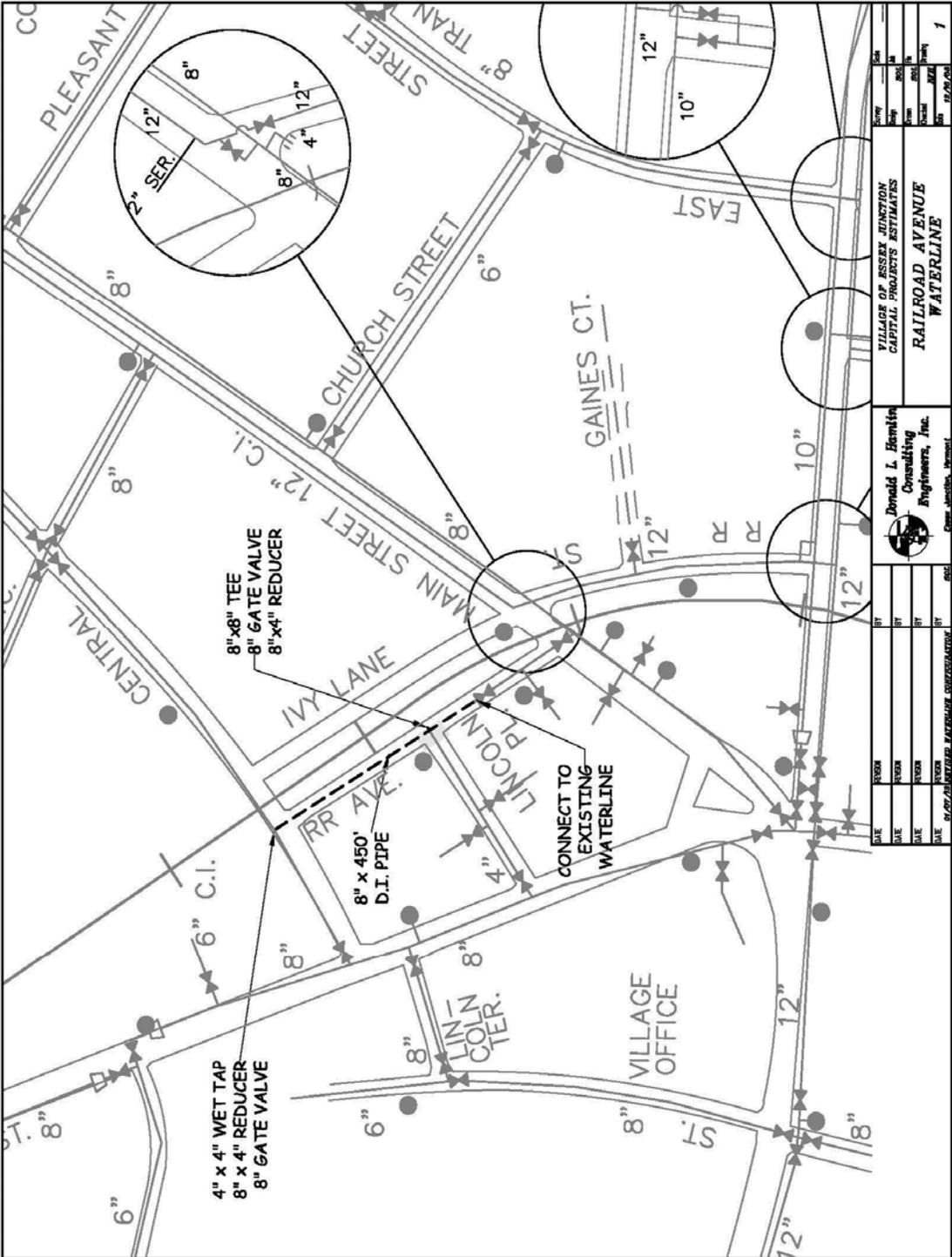
Assumptions:

New 8" Waterline

Pavement Replacement

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	78,231.26
W	Waterline Improvements	\$	85,463.82
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	-
	Combined Total	\$	163,695.08

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	FROM	NO.
12/22/2018	DLH	DESIGN	1
12/22/2018	DLH	DESIGN	1
12/22/2018	DLH	DESIGN	1
12/22/2018	DLH	DESIGN	1

VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES	
RAILROAD AVENUE WATERLINE	

Donald L. Hamilton Consulting Engineers, Inc.	Essex Junction, Vermont
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**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Railroad Avenue

Cost Reference Date: 5/1/2017

New Waterline, South of Lincoln Place to Central Street

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	1,220	lf	\$ 3.35	\$ 4,087.00
2) Excavation of Pavement 4" to 6" Thick	542	sy	\$ 10.19	\$ 5,522.98
3) Wet Tap (4x4)	1	each	\$ 4,280.35	\$ 4,280.35
4) 8" Ductile Iron Pipe, CI 52	450	lf	\$ 96.53	\$ 43,438.50
5) 8" Tee	1	each	\$ 2,190.08	\$ 2,190.08
6) 8" Gate Valve with Valve Box	2	each	\$ 2,447.87	\$ 4,895.74
7) Reducer (8x4)	2	each	\$ 824.97	\$ 1,649.94
8) 4" Mechanical Bend	3	each	\$ 627.91	\$ 1,883.73
9) Plant Mixed Gravel - 24"	365	each	\$ 35.39	\$ 12,917.35
10) New Bituminous Concrete Pavement - 4" Thick Over Trench	542	sy	\$ 65.02	\$ 35,240.84
11) Traffic Control - Type II	15	day	\$ 690.51	\$ 10,357.65
12) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
13) Mobilization	---	---	5%	\$ 6,495.84
Contingency	---	---	20%	\$ 27,282.51

Subtotal	\$ 163,695.08
Design Engineering Services	\$ 16,369.51
Bidding and Construction Services	\$ 16,369.51
Grand Total	\$ 196,434.10

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

River Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Section A, New Curb and Sidewalk, Park Street to Stanton Drive

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Install new curb and sidewalk.

Secondary Project Reason:

Install new drainage for new curbed road.

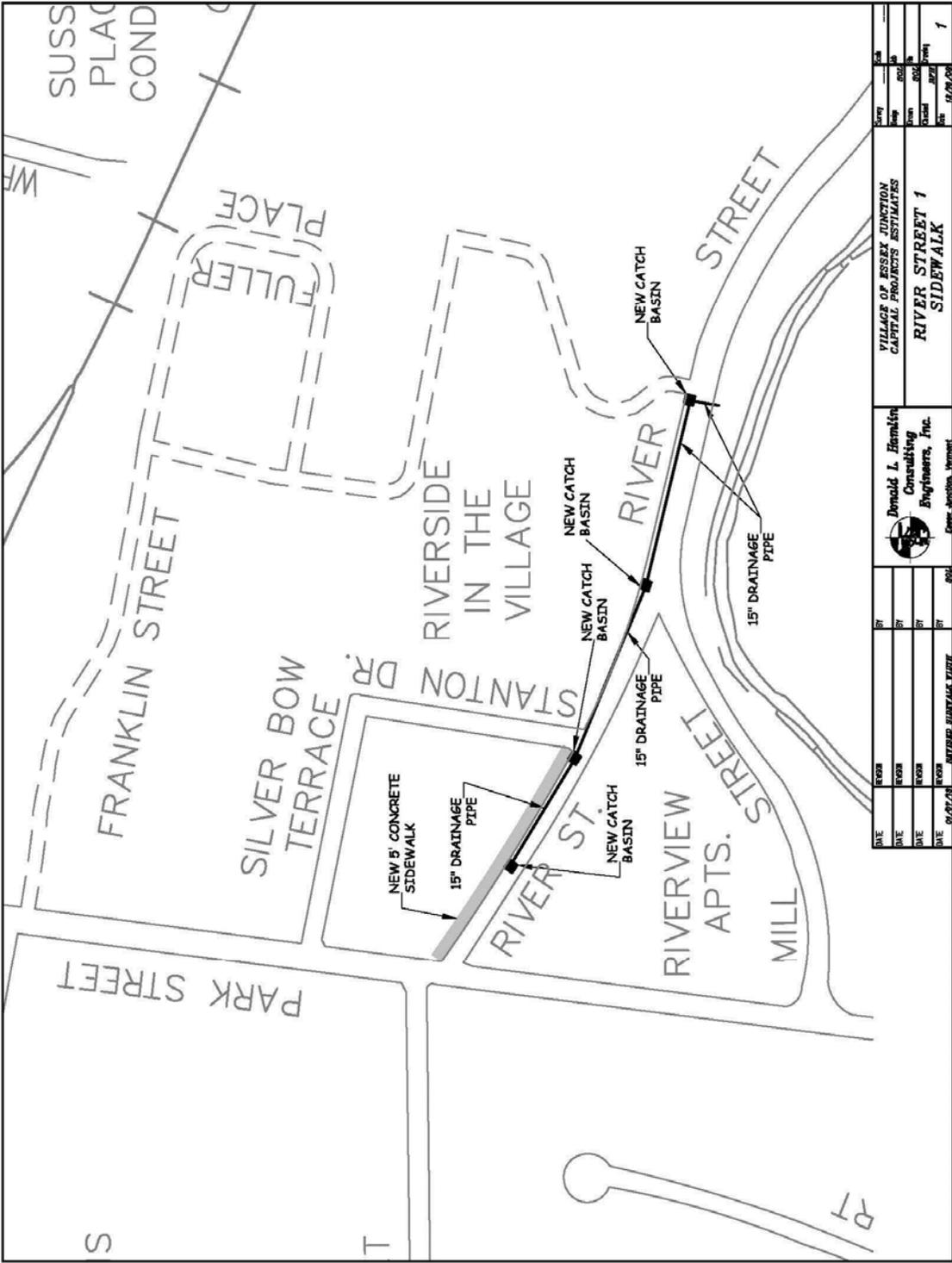
Assumptions:

New sidewalk is 5' wide

A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay		
R	Roadway Reconstruction	\$	31,393.67
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements	\$	29,212.60
P	Sidewalk Improvements	\$	104,535.22
	Combined Total	\$	165,141.48

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	REVISION	DESCRIPTION
01/27/20	ESJ	1	INITIAL SURVEY AND LAYOUT

		DONALD L. HAMLIN Consulting Engineers, Inc. Essex Junction, Vermont
VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES		RIVER STREET 1 SIDEWALK
DATE	BY	REVISION

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

River Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Section A, New Curb and Sidewalk, Park Street to Stanton Drive

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 3" Thick or Less	450	lf	\$ 2.30	\$ 1,035.00
2) Excavation of Pavement to 3" Thick	50	sy	\$ 6.21	\$ 310.50
3) Mirafi 500X Geotextile Fabric	228	sy	\$ 1.67	\$ 380.76
4) New Cement Concrete Curb	450	lf	\$ 28.20	\$ 12,690.00
5) New Cement Concrete Sidewalk - 4" Thick	230	sy	\$ 67.90	\$ 15,617.00
6) New Cement Concrete Sidewalk - 6" Thick	23	sy	\$ 92.95	\$ 2,137.85
7) New Bituminous Concrete Pavement - 3" Thick Over Trench	50	sy	\$ 55.47	\$ 2,773.50
8) New Bituminous Concrete Driveway and Apron	45	sy	\$ 48.34	\$ 2,175.30
9) Supply and Spread Topsoil	20	cy	\$ 39.89	\$ 797.80
10) Seed, Fertilize, Lime and Matting	137	sy	\$ 2.88	\$ 394.56
11) Catch Basin - 4' Dia., To 8' Deep	1	each	\$ 4,223.58	\$ 4,223.58
12) 15" HDPE Drainage Pipe - To 8' Deep	215	lf	\$ 58.51	\$ 12,579.65
13) New Gas Lamp Style Light (Base, Pole and Fixture)	7	each	\$ 6,762.44	\$ 47,337.08
14) New Wired Conduit for Lighting	450	lf	\$ 19.85	\$ 8,932.50
15) Lighting Pedestal Meter Socket/Load Center (Includes Timer)	1	each	\$ 8,631.43	\$ 8,631.43
16) Traffic Control - Type II	15	day	\$ 690.51	\$ 10,357.65
17) Dust Control- Type II	1	ls	\$ 690.51	\$ 690.51
18) Mobilization	---	---	5%	\$ 6,553.23
Contingency	---	---	20%	\$ 27,523.58

Subtotal	\$	165,141.48
Design Engineering Services	\$	16,514.15
Bidding and Construction Services	\$	16,514.15
Grand Total	\$	198,169.78

* If Section A constructed without Section B

The drainage elements of Section B must also be constructed, increasing the cost by: \$ 60,658.49

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

River Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Section B, New Curb and Sidewalk, Stanton Drive to Riverside in the Village

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Install new curb and sidewalk.

Secondary Project Reason:

Install new drainage for new curbed road.

Assumptions:

New sidewalk is 5' wide

A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay		
R	Roadway Reconstruction	\$	42,458.28
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements	\$	158,706.86
P	Sidewalk Improvements	\$	38,701.31
	Combined Total	\$	239,866.45

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

River Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Section B, New Curb and Sidewalk, Stanton Drive to Riverside in the Village

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 3" Thick or Less	650	lf	\$ 2.30	\$ 1,495.00
2) Excavation of Pavement to 3" Thick	100	sy	\$ 6.21	\$ 621.00
3) Mirafi 500X Geotextile Fabric	334	sy	\$ 1.67	\$ 557.78
4) New Cement Concrete Curb	600	lf	\$ 28.20	\$ 16,920.00
5) New Cement Concrete Sidewalk - 4" Thick	340	sy	\$ 67.90	\$ 23,086.00
6) Plant Mixed Gravel	40	cy	\$ 35.39	\$ 1,415.60
7) New Bituminous Concrete Pavement - 3" Thick Over Trench	100	sy	\$ 55.47	\$ 5,547.00
8) Supply and Spread Topsoil	25	cy	\$ 39.89	\$ 997.25
9) Seed, Fertilize, Lime and Matting	200	sy	\$ 2.88	\$ 576.00
10) Catch Basin - 4' Dia., To 8' Deep	3	each	\$ 4,223.58	\$ 12,670.74
11) 15" HDPE Drainage Pipe - To 8' Deep	665	lf	\$ 58.51	\$ 38,909.15
12) New Gas Lamp Style Light (Base, Pole and Fixture)	9	each	\$ 6,762.44	\$ 60,861.96
13) New Wired Conduit for Lighting	650	lf	\$ 19.85	\$ 12,902.50
14) Traffic Control - Type II	15	day	\$ 690.51	\$ 10,357.65
15) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
16) Mobilization	---	---	5%	\$ 9,518.51
Contingency	---	---	20%	\$ 39,977.74

Subtotal	\$	239,866.45
Design Engineering Services	\$	23,986.65
Bidding and Construction Services	\$	23,986.65
Grand Total	\$	287,839.74

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Rosewood Lane
Sidewalk Replacement, Mansfield to Briar, north side**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017
Original Capital Plan Date: 9/28/2001

Primary Project Reason:

Install new sidewalk along the south side of the road.

Secondary Project Reason:

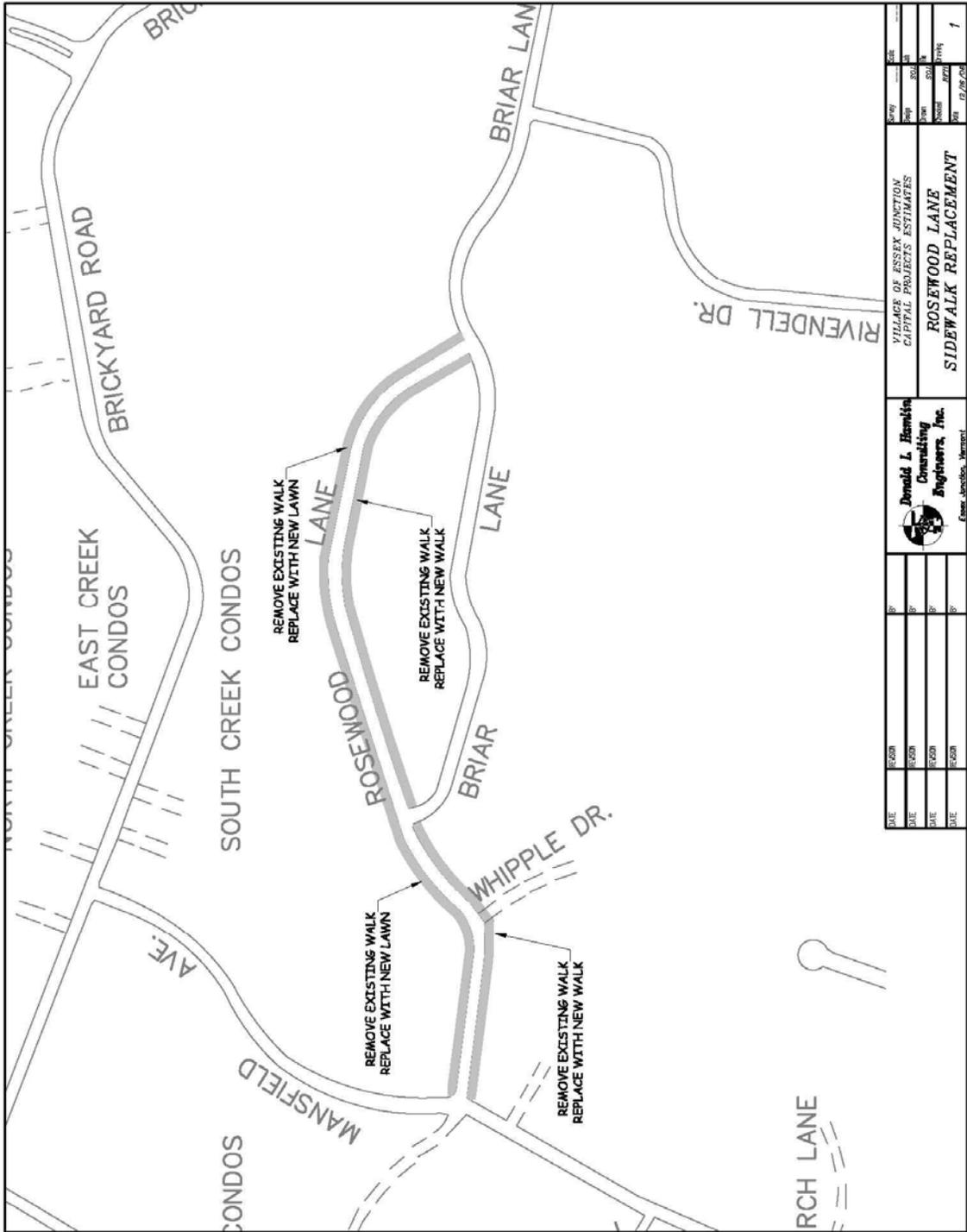
Assumptions:

Existing walk on the north side to be removed and replaced with lawn.

A portion of each residential driveway will be rebuilt to match new roadway.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	-
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	207,045.51
	Combined Total	\$	207,045.51

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	REVISION	BY	DATE	REVISION	BY

Donald L. Hamlin
 Consulting
 Engineers, Inc.
 Essex Junction, Vermont

VILLAGE OF ESSEX JUNCTION
 CAPITAL PROJECTS ESTIMATES
**ROSEWOOD LANE
 SIDEWALK REPLACEMENT**

DATE	BY	SCALE
12/08/08		

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Rosewood Lane

Sidewalk Replacement, Mansfield to Briar, north side

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 3" Thick or Less	700	lf	\$ 2.30	\$ 1,610.00
2) Excavation of Pavement to 3" Thick	675	sy	\$ 6.21	\$ 4,191.75
3) Remove Existing Sidewalk	1,605	sy	\$ 13.23	\$ 21,234.15
4) New Cement Concrete Sidewalk - 4" Thick	790	sy	\$ 67.90	\$ 53,641.00
5) New Cement Concrete Sidewalk - 6" Thick	175	sy	\$ 92.95	\$ 16,266.25
6) Mirafi 500X Geotextile Fabric	1,175	sy	\$ 1.67	\$ 1,962.25
7) Reconstruct Driveway Aprons	845	sy	\$ 48.34	\$ 40,847.30
8) Supply and Spread Topsoil	200	cy	\$ 39.89	\$ 7,978.00
9) Seed, Fertilize, Lime and Matting	1,565	sy	\$ 2.88	\$ 4,507.20
10) Traffic Control - Type I	25	day	\$ 460.34	\$ 11,508.50
11) Dust Control - Type I	1	ls	\$ 575.43	\$ 575.43
12) Mobilization	---	---	5%	\$ 8,216.09
Contingency	---	---	20%	\$ 34,507.58

Subtotal	\$ 207,045.51
Design Engineering Services	\$ 20,704.55
Bidding and Construction Services	\$ 20,704.55
Grand Total	\$ 248,454.61

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

South Street

Waterline Replacement, Park Street to Doon Way

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017
Original Capital Plan Date: 6/21/2001

Primary Project Reason:

Replace old and undersized waterline

Secondary Project Reason:

Replace sidewalk

Assumptions:

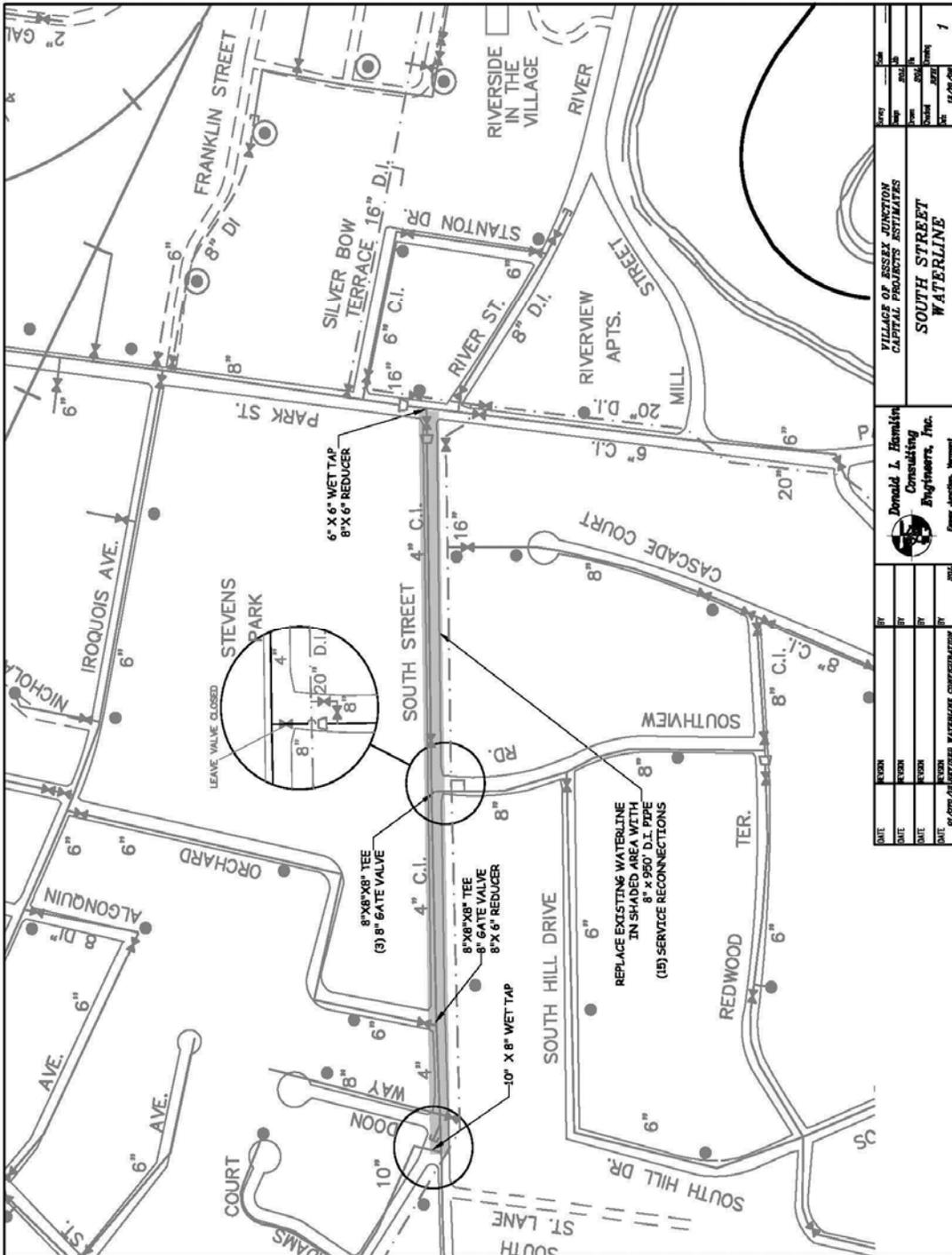
A portion of each residential driveway will be rebuilt to match new roadway.

8" D.I. Waterline to be installed

Existing waterline to remain in use until new waterline is operational.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	131,530.30
W	Waterline Improvements	\$	462,969.34
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	155,634.93
	Combined Total	\$	750,134.56

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	SCALE	PROJECT NO.	DATE	BY	SCALE	PROJECT NO.
DATE	BY	SCALE	PROJECT NO.	DATE	BY	SCALE	PROJECT NO.
DATE	BY	SCALE	PROJECT NO.	DATE	BY	SCALE	PROJECT NO.
VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES				SOUTH STREET WATERLINE			
Donald L. Hamlin Consulting Engineers, Inc.				1			

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

South Street

Cost Reference Date: 5/1/2017

Waterline Replacement, Park Street to Doon Way

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	1,700	lf	\$ 3.35	\$ 5,695.00
2) Excavation of Pavement 4" to 6" Thick	750	sy	\$ 10.19	\$ 7,642.50
3) Remove Existing Concrete Sidewalk	950	sy	\$ 13.23	\$ 12,568.50
4) Remove and Reset Existing Granite Curb	600	lf	\$ 19.45	\$ 11,670.00
5) Wet Tap (6x6)	1	each	\$ 4,771.79	\$ 4,771.79
6) 8" Ductile Iron Pipe, CI 52	1,900	lf	\$ 96.53	\$ 183,407.00
7) 6" Ductile Iron Pipe, CI 52	20	lf	\$ 71.35	\$ 1,427.00
8) 8" Gate Valve with Valve Box	4	each	\$ 2,447.87	\$ 9,791.48
9) Wet Tap (10x8)	1	each	\$ 8,239.29	\$ 8,239.29
10) 8" Tee	2	each	\$ 2,190.08	\$ 4,380.16
11) Reducer (8x6)	1	each	\$ 1,685.00	\$ 824.97
12) 8" Mechanical Bend	12	each	\$ 1,150.86	\$ 13,810.32
13) 3/4" Copper Waterline	680	lf	\$ 44.41	\$ 30,198.80
14) 3/4" Corporation Stop	34	each	\$ 636.42	\$ 21,638.28
15) 3/4" Curb Stop	34	each	\$ 287.14	\$ 9,762.76
16) Cap and Abandon Existing 4" Waterline	3	each	\$ 3,826.89	\$ 11,480.67
17) Plant Mixed Gravel - 24"	500	cy	\$ 35.39	\$ 17,695.00
18) New Bituminous Concrete Pavement - 4" Thick Over Trench	750	sy	\$ 65.02	\$ 48,765.00
19) New Cement Concrete Sidewalk - 4" Thick	900	sy	\$ 67.90	\$ 61,110.00
20) New Cement Concrete Sidewalk - 6" Thick	170	sy	\$ 92.95	\$ 15,801.50
21) Hold Existing Utility Pole	16	each	\$ 949.46	\$ 15,191.36
22) Supply and Spread Topsoil	250	cy	\$ 39.89	\$ 9,972.50
23) Seed, Fertilize, Lime and Matting	3,000	sy	\$ 2.88	\$ 8,640.00
24) 24" Wide Stop Bar - Painted	48	lf	\$ 7.80	\$ 374.40
25) 12" Wide Crosswalk Bar - Painted	144	lf	\$ 7.48	\$ 1,077.12
26) Traffic Control - Type III	80	day	\$ 920.69	\$ 73,655.20
27) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

South Street

Cost Reference Date: 5/1/2017

Waterline Replacement, Park Street to Doon Way

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
28) Mobilization	---	---	5%	\$ 29,767.24
Contingency	---	---	20%	\$ 125,022.43

Subtotal	\$	750,134.56
Design Engineering Services	\$	67,512.11
Bidding and Construction Services	\$	75,013.46
Grand Total	\$	892,660.13

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

West Street

Waterline Replacement, South Summit to Hayden Drive

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 9/29/2005

Primary Project Reason:

Replace old and undersized waterline

Secondary Project Reason:

Assumptions:

Pavement repair over waterline trench

New 12' D.I. pipe to be installed

Existing waterline to remain in use until new waterline is operational.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	334,810.14
W	Waterline Improvements	\$	503,787.20
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	-
	Combined Total	\$	838,597.35

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

West Street

Cost Reference Date: 5/1/2017

Waterline Replacement, South Summit to Hayden Drive

Estimate Preparation Date: 5/1/2017

1)	Saw Cut Existing Pavement 4" Thick	5,200	lf	\$ 3.35	\$ 17,420.00
2)	Excavation of Pavement 4" to 6" Thick	2,302	sy	\$ 10.19	\$ 23,457.38
3)	12" Ductile Iron Pipe, CI 52	2,120	lf	\$ 108.04	\$ 229,044.80
4)	8" Ductile Iron Pipe, CI 52	50	lf	\$ 96.53	\$ 4,826.50
5)	6" Ductile Iron Pipe, CI 52	200	lf	\$ 81.72	\$ 16,344.00
6)	12" Mechanical Bend	4	each	\$ 2,014.00	\$ 8,056.00
7)	8" Mechanical Bend	2	each	\$ 1,150.86	\$ 2,301.72
8)	6" Mechanical Bend	8	each	\$ 799.85	\$ 6,398.80
9)	Reducer (12x10)	1	each	\$ 2,638.78	\$ 2,638.78
10)	Reducer (12x6)	1	each	\$ 1,907.55	\$ 1,907.55
11)	Reducer (8x6)	4	each	\$ 824.97	\$ 3,299.88
12)	12" Gate Valve with Valve Box	1	each	\$ 4,252.42	\$ 4,252.42
13)	8" Gate Valve with Valve Box	5	each	\$ 2,447.87	\$ 12,239.35
14)	6" Gate Valve with Valve Box	1	each	\$ 1,990.98	\$ 1,990.98
15)	Tee (12x8)	5	each	\$ 3,702.31	\$ 18,511.55
16)	Tee (10x10)	1	each	\$ 3,702.31	\$ 3,702.31
17)	Tee (8x6)	1	each	\$ 2,190.08	\$ 2,190.08
18)	New Hydrant Assembly (Tee, Valve, Hydrant, Glands and 6' Pipe)	1	each	\$ 6,439.05	\$ 6,439.05
19)	3/4" Copper Waterline	550	lf	\$ 44.41	\$ 24,425.50
20)	3/4" Corporation Stop	22	each	\$ 636.42	\$ 14,001.24
21)	3/4" Curb Stop	22	each	\$ 287.14	\$ 6,317.08
22)	24" Plant Mixed Gravel	1,535	cy	\$ 35.39	\$ 54,323.65
23)	New Bituminous Concrete Pavement - 4" Thick Over Trench	2,302	sy	\$ 65.02	\$ 149,676.04
24)	Traffic Control - Type III	50	day	\$ 920.69	\$ 46,034.50
25)	Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
26)	Mobilization	---	---	5%	\$ 33,277.67
	Contingency	---	---	20%	\$ 139,766.22

Subtotal	\$	838,597.35
Design Engineering Services	\$	75,473.76
Bidding and Construction Services	\$	83,859.73
Grand Total	\$	997,930.84

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

New Drainage, Curb & Sidewalk-Pleasant Street to Bridge, Elevate Educational Drive Intersection

Original Capital Plan Date: 11/24/2003

Primary Project Reason:

Install New 5' wide sidewalk

Enclose storm drainage

Secondary Project Reason:

Elevate Educational Drive Intersection

Assumptions:

5' Wide sidewalk.

One way traffic maintained

A portion of each residential driveway will be rebuilt to match new roadway.

Existing utility poles to be relocated by others.

O	Pavement Overlay	\$	56,798.07
R	Roadway Reconstruction	\$	231,976.76
W	Waterline Improvements		
S	Sanitary Sewer Improvements	\$	7,771.07
D	Storm Drainage Improvements	\$	84,828.47
P	Sidewalk Improvements	\$	105,798.44
	Combined Total	\$	487,172.81

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

New Drainage, Curb & Sidewalk - Pleasant Street to Bridge, Elevate Educational Drive Intersection

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	120	lf	\$ 3.35	\$ 402.00
2) Remove Existing Curb	1,225	lf	\$ 5.58	\$ 6,835.50
3) Excavation of Pavement 4" to 6" Thick	2,900	sy	\$ 10.19	\$ 29,551.00
4) Remove Existing Concrete Sidewalk	480	sy	\$ 13.23	\$ 6,350.40
5) Remove Existing Structure - To 8' Deep	4	each	\$ 724.27	\$ 2,897.08
6) Remove Existing Pipe - To 8' Deep	175	lf	\$ 16.22	\$ 2,838.50
7) Silt Fence	250	lf	\$ 3.05	\$ 762.50
8) Remove Existing Manhole Frame and Cover, Replace with New	5	each	\$ 1,101.95	\$ 5,509.75
9) Test Excavation	5	each	\$ 556.37	\$ 2,781.85
10) Catch Basin - 4' Dia., To 8' Deep	4	each	\$ 4,223.58	\$ 16,894.32
11) 18" HDPE Drainage Pipe - To 8' Deep	450	lf	\$ 68.05	\$ 30,622.50
12) Type I Rip Rap for Outfall Pads	10	cy	\$ 109.33	\$ 1,093.30
13) New Cement Concrete Curb	1,300	lf	\$ 28.20	\$ 36,660.00
14) New Cement Concrete Sidewalk - 4" Thick	525	sy	\$ 67.90	\$ 35,647.50
15) New Cement Concrete Sidewalk - 6" Thick	100	sy	\$ 92.95	\$ 9,295.00
16) New Bituminous Concrete Pavement - 3", Type II	2,900	sy	\$ 20.16	\$ 58,464.00
17) New Bituminous Concrete Pavement - 1-1/4", Type III	2,900	sy	\$ 9.49	\$ 27,521.00
18) New Bituminous Concrete Driveway and Apron	275	sy	\$ 48.34	\$ 13,293.50
19) New Gravel Driveway	225	sy	\$ 35.88	\$ 8,073.00
20) 4" White Line - Painted	1,500	lf	\$ 1.07	\$ 1,605.00
21) 4" Yellow Line - Painted	1,200	lf	\$ 1.07	\$ 1,284.00
22) 24" Wide Stop Bar - Painted	50	lf	\$ 7.80	\$ 390.00
23) 12" Wide Crosswalk Bar - Painted	480	lf	\$ 7.48	\$ 3,590.40
24) Symbol or Letter - Painted	30	each	\$ 127.75	\$ 3,832.50
25) Supply and Spread Topsoil	300	cy	\$ 39.89	\$ 11,967.00
26) Seed, Fertilize, Lime and Matting	2,600	sy	\$ 2.88	\$ 7,488.00
27) Traffic Control - Type IV	40	day	\$ 1,381.03	\$ 55,241.20

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

New Drainage, Curb & Sidewalk - Pleasant Street to Bridge, Elevate Educational Drive Intersection

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
28) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
29) Mobilization	---	---	5%	\$ 19,332.25
Contingency	---	---	20%	\$ 81,195.47

Subtotal	\$	487,172.81
Design Engineering Services	\$	48,717.28
Bidding and Construction Services	\$	48,717.28
Grand Total	\$	584,607.38

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

New Bridge at Indian Brook, Enclose Drainage, New Curb & Sidewalk, Bridge to Crestview Road

Original Capital Plan Date: 11/24/2003

Primary Project Reason:

- Install New 5' wide sidewalk
- Enclose storm drainage
- Slip Lane onto Educational Drive

Secondary Project Reason:

- Replace old Bridge

Assumptions:

- 5' Wide sidewalk.
- New bridge is an arch culvert
- Two way traffic maintained
- A portion of each residential driveway will be rebuilt to match new roadway.
- Existing utility poles to be relocated by others.

O	Pavement Overlay	\$	158,051.54
R	Roadway Reconstruction	\$	522,746.15
W	Waterline Improvements		
S	Sanitary Sewer Improvements	\$	5,676.76
D	Storm Drainage Improvements	\$	147,770.68
P	Sidewalk Improvements	\$	106,381.09
	Combined Total	\$	940,626.23

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

New Bridge at Indian Brook, Enclose Drainage, New Curb & Sidewalk, Bridge to Crestview Road

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	1,575	lf	\$ 3.35	\$ 5,276.25
2) Excavation of Pavement 4" to 6" Thick	375	sy	\$ 10.19	\$ 3,821.25
3) Remove Existing Structure - To 8' Deep	3	each	\$ 724.27	\$ 2,172.81
4) Remove Existing Pipe - To 8' Deep	260	lf	\$ 16.22	\$ 4,217.20
5) Silt Fence	300	lf	\$ 3.05	\$ 915.00
6) Remove Existing Manhole Frame and Cover, Replace with New	4	each	\$ 1,101.95	\$ 4,407.80
7) Remove and Reset Existing Catch Basin Frame and Grate	4	each	\$ 813.33	\$ 3,253.32
8) Test Excavation	10	each	\$ 556.37	\$ 5,563.70
9) Catch Basin - 4' Dia., To 8' Deep	5	each	\$ 4,223.58	\$ 21,117.90
10) 18" HDPE Drainage Pipe - To 8' Deep	825	lf	\$ 68.05	\$ 56,141.25
11) Type I Rip Rap for Outfall Pads	10	cy	\$ 109.33	\$ 1,093.30
12) Excavation for New Roadway Subbase	100	cy	\$ 21.00	\$ 2,100.00
13) Sand Borrow	250	cy	\$ 26.47	\$ 6,617.50
14) Dense Graded Crushed Stone	480	cy	\$ 35.96	\$ 17,260.80
15) Plant Mixed Gravel	1,150	cy	\$ 35.39	\$ 40,698.50
16) New Cement Concrete Curb	1,125	lf	\$ 28.20	\$ 31,725.00
17) New Cement Concrete Sidewalk - 4" Thick	555	sy	\$ 67.90	\$ 37,684.50
18) New Cement Concrete Sidewalk - 6" Thick	70	sy	\$ 92.95	\$ 6,506.50
19) New Bituminous Concrete Pavement - 3" Thick Over Trench	1,000	sy	\$ 55.47	\$ 55,470.00
20) New Bituminous Concrete Pavement - 1-1/4", Type III	4,850	sy	\$ 9.49	\$ 46,026.50
21) Cold Plane Pavement	4,000	sy	\$ 6.31	\$ 25,240.00
22) New Bituminous Concrete Driveway and Apron	200	sy	\$ 48.34	\$ 9,668.00
23) New Gravel Driveway	150	sy	\$ 35.88	\$ 5,382.00
24) 4" White Line - Painted	2,400	lf	\$ 1.07	\$ 2,568.00
25) 4" Yellow Line - Painted	4,950	lf	\$ 1.07	\$ 5,296.50
26) 24" Wide Stop Bar - Painted	300	lf	\$ 7.80	\$ 2,340.00
27) 12" Wide Crosswalk Bar - Painted	250	lf	\$ 7.48	\$ 1,870.00
28) Symbol or Letter - Painted	35	each	\$ 127.75	\$ 4,471.25

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

New Bridge at Indian Brook, Enclose Drainage, New Curb & Sidewalk, Bridge to Crestview Road

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
29) Supply and Spread Topsoil	200	cy	\$ 39.89	\$ 7,978.00
30) Seed, Fertilize, Lime and Matting	1,750	sy	\$ 2.88	\$ 5,040.00
31) Temporary Bridge	1	ls	\$ 72,158.75	\$ 72,158.75
32) New Bridge (Arch Culvert) at Indian Brook	1	ls	\$ 108,238.13	\$ 108,238.13
33) Loop Detectors	1,440	lf	\$ 14.63	\$ 21,067.20
34) Traffic Control - Type IV	85	day	\$ 1,381.03	\$ 117,387.55
35) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
36) Mobilization	---	---	5%	\$ 37,326.44
Contingency	---	---	20%	\$ 156,771.04

Subtotal	\$	940,626.23
Design Engineering Services	\$	84,656.36
Bidding and Construction Services	\$	94,062.62
Grand Total	\$	1,119,345.21

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage, New Curb & Sidewalk, Crestview Road to Taft Street

Original Capital Plan Date: 11/24/2003

Primary Project Reason:

- Install New 5' wide sidewalk
- Enclose storm drainage

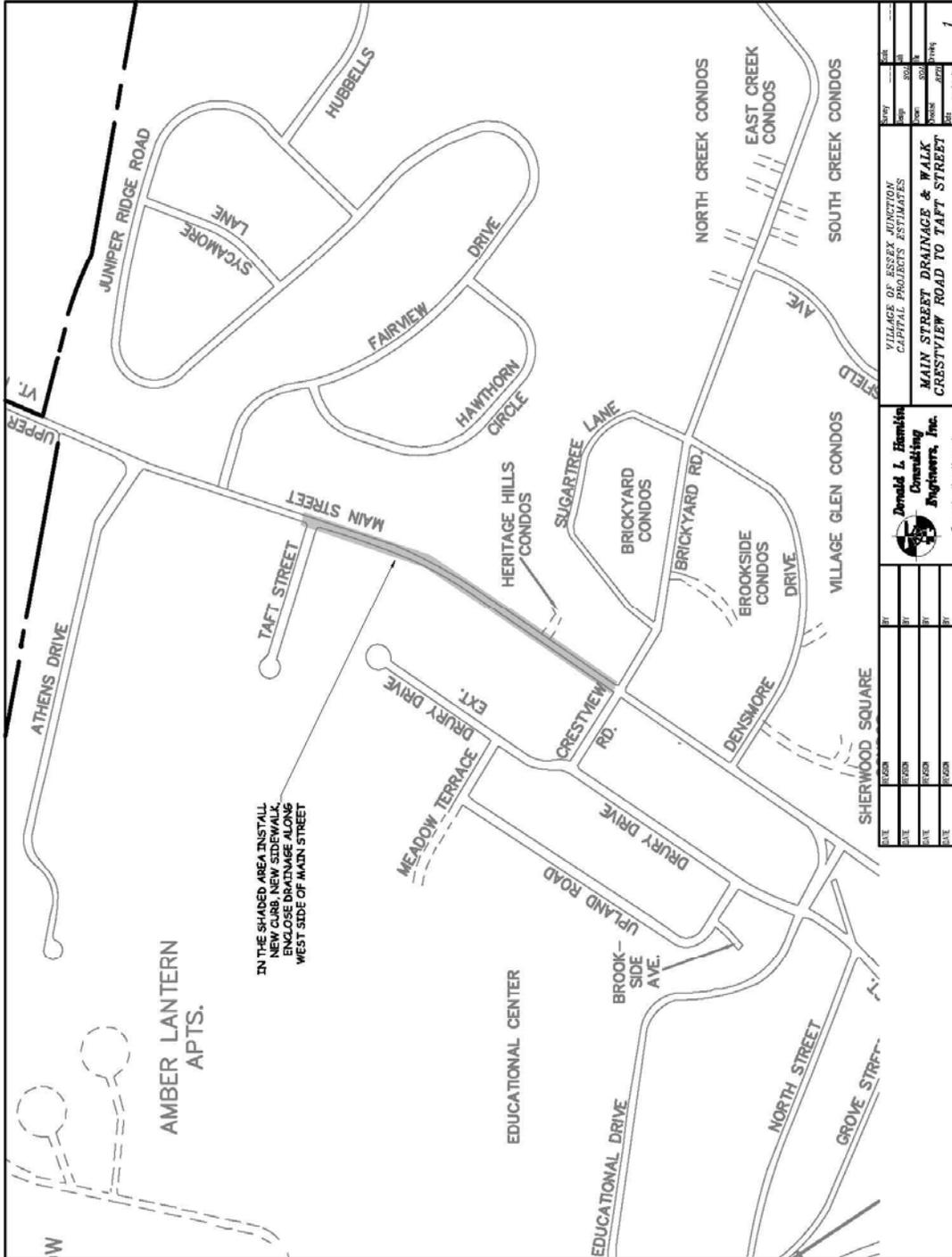
Secondary Project Reason:

Assumptions:

- 5' Wide sidewalk.
- One way traffic maintained
- A portion of each residential driveway will be rebuilt to match new roadway.
- Existing utility poles to be relocated by others.

O	Pavement Overlay	\$	125,150.88
R	Roadway Reconstruction	\$	303,570.73
W	Waterline Improvements		
S	Sanitary Sewer Improvements	\$	7,691.90
D	Storm Drainage Improvements	\$	155,242.43
P	Sidewalk Improvements	\$	103,328.80
	Combined Total	\$	694,984.75

Village of Essex Junction Capital Projects Construction Cost Estimate



DATE	BY	DATE	BY	DATE	BY	DATE	BY
Donald I. Hamblet  Consulting Engineers, Inc. <small>Essex Junction, Vermont</small>							
VILLAGE OF ESSEX JUNCTION CAPITAL PROJECTS ESTIMATES MAIN STREET DRAINAGE & WALK CRESTVIEW ROAD TO TAFT STREET							
NO.	REV.	DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
1		01/25/02		ISSUED FOR PERMIT			

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage, New Curb & Sidewalk, Crestview Road to Taft Street

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	1,550	lf	\$ 3.35	\$ 5,192.50
2) Excavation of Pavement 4" to 6" Thick	575	sy	\$ 10.19	\$ 5,859.25
3) Remove Existing Structure - To 8' Deep	1	each	\$ 724.27	\$ 724.27
4) Remove Existing Pipe - To 8' Deep	380	lf	\$ 16.22	\$ 6,163.60
5) Silt Fence	100	lf	\$ 3.05	\$ 305.00
6) Remove Existing Manhole Frame and Cover, Replace with New	5	each	\$ 1,101.95	\$ 5,509.75
7) Remove and Reset Existing Catch Basin Frame and Grate	2	each	\$ 813.33	\$ 1,626.66
8) Test Excavation	10	each	\$ 556.37	\$ 5,563.70
9) Catch Basin - 4' Dia., To 8' Deep	6	each	\$ 4,223.58	\$ 25,341.48
10) 18" HDPE Drainage Pipe - To 8' Deep	1,000	lf	\$ 68.05	\$ 68,050.00
11) Connect New Pipe to Existing Structure	2	each	\$ 918.80	\$ 1,837.60
12) Excavation for New Roadway Subbase	1,300	cy	\$ 21.00	\$ 27,300.00
13) Sand Borrow	360	cy	\$ 26.47	\$ 9,529.20
14) Dense Graded Crushed Stone	730	cy	\$ 35.96	\$ 26,250.80
15) Plant Mixed Gravel	210	cy	\$ 35.39	\$ 7,431.90
16) New Cement Concrete Curb	1,400	lf	\$ 28.20	\$ 39,480.00
17) New Cement Concrete Sidewalk - 4" Thick	660	sy	\$ 67.90	\$ 44,814.00
18) New Cement Concrete Sidewalk - 6" Thick	85	sy	\$ 92.95	\$ 7,900.75
19) New Bituminous Concrete Pavement - 3" Thick Over Trench	1,100	sy	\$ 55.47	\$ 61,017.00
20) New Bituminous Concrete Pavement - 1-1/4", Type III	5,400	sy	\$ 9.49	\$ 51,246.00
21) Cold Plane Pavement	4,300	sy	\$ 6.31	\$ 27,133.00
22) New Bituminous Concrete Driveway and Apron	400	sy	\$ 48.34	\$ 19,336.00
23) New Gravel Driveway	75	sy	\$ 35.88	\$ 2,691.00
24) 4" White Line - Painted	2,900	lf	\$ 1.07	\$ 3,103.00
25) 4" Yellow Line - Painted	3,200	lf	\$ 1.07	\$ 3,424.00
26) 24" Wide Stop Bar - Painted	24	lf	\$ 7.80	\$ 187.20
27) 12" Wide Crosswalk Bar - Painted	250	lf	\$ 7.48	\$ 1,870.00
28) Supply and Spread Topsoil	275	cy	\$ 39.89	\$ 10,969.75

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage, New Curb & Sidewalk, Crestview Road to Taft Street

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
29) Seed, Fertilize, Lime and Matting	2,400	sy	\$ 2.88	\$ 6,912.00
30) Traffic Control - Type IV	50	day	\$ 1,381.03	\$ 69,051.50
31) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
32) Mobilization	---	---	5%	\$ 27,578.76
Contingency	---	---	20%	\$ 115,830.79

Subtotal	\$ 694,984.75
Design Engineering Services	\$ 62,548.63
Bidding and Construction Services	\$ 69,498.48
Grand Total	\$ 827,031.85

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage, New Curb & Sidewalk, Taft Street to Athens Drive

Original Capital Plan Date: 2/24/2003

Primary Project Reason:

- Install New 5' wide sidewalk
- Enclose storm drainage

Secondary Project Reason:

Assumptions:

- 5' Wide sidewalk.
- One way traffic maintained
- A portion of each residential driveway will be rebuilt to match new roadway.
- Existing utility poles to be relocated by others.

O	Pavement Overlay	\$	77,252.13
R	Roadway Reconstruction	\$	182,198.76
W	Waterline Improvements		
S	Sanitary Sewer Improvements	\$	1,568.33
D	Storm Drainage Improvements	\$	127,142.03
P	Sidewalk Improvements	\$	69,620.68
	Combined Total	\$	457,781.93

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage, New Curb & Sidewalk, Taft Street to Athens Drive

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	850	lf	\$ 3.35	\$ 2,847.50
2) Excavation of Pavement 4" to 6" Thick	250	sy	\$ 10.19	\$ 2,547.50
3) Remove Existing Structure - To 8' Deep	3	each	\$ 724.27	\$ 2,172.81
4) Remove Existing Pipe - To 8' Deep	125	lf	\$ 16.22	\$ 2,027.50
5) Silt Fence	600	lf	\$ 3.05	\$ 1,830.00
6) Remove Existing Manhole Frame and Cover, Replace with New	1	each	\$ 1,101.95	\$ 1,101.95
7) Remove and Reset Existing Catch Basin Frame and Grate	2	each	\$ 813.33	\$ 1,626.66
8) Test Excavation	5	each	\$ 556.37	\$ 2,781.85
9) Catch Basin - 4' Dia., To 8' Deep	6	each	\$ 4,223.58	\$ 25,341.48
10) 18" HDPE Drainage Pipe - To 8' Deep	650	lf	\$ 68.05	\$ 44,232.50
11) Type I Rip Rap for Outfall Pads	30	cy	\$ 109.33	\$ 3,279.90
12) Connect Existing Pipe to New Structure	3	each	\$ 918.80	\$ 2,756.40
13) Excavation for New Roadway Subbase	550	cy	\$ 21.00	\$ 11,550.00
14) Earth Borrow	1,850	cy	\$ 16.00	\$ 29,600.00
15) Sand Borrow	160	cy	\$ 26.47	\$ 4,235.20
16) Dense Graded Crushed Stone	310	cy	\$ 35.96	\$ 11,147.60
17) Plant Mixed Gravel	80	cy	\$ 35.39	\$ 2,831.20
18) New Cement Concrete Curb	700	lf	\$ 28.20	\$ 19,740.00
19) New Cement Concrete Sidewalk - 4" Thick	375	sy	\$ 67.90	\$ 25,462.50
20) New Cement Concrete Sidewalk - 6" Thick	10	sy	\$ 92.95	\$ 929.50
21) New Bituminous Concrete Pavement - 3" Thick Over Trench	550	sy	\$ 55.47	\$ 30,508.50
22) New Bituminous Concrete Pavement - 1-1/4", Type III	2,750	sy	\$ 9.49	\$ 26,097.50
23) Cold Plane Pavement	2,750	sy	\$ 6.31	\$ 17,352.50
24) New Bituminous Concrete Driveway and Apron	50	sy	\$ 48.34	\$ 2,417.00
25) 4" White Line - Painted	1,550	lf	\$ 1.07	\$ 1,658.50
26) 4" Yellow Line - Painted	2,500	lf	\$ 1.07	\$ 2,675.00
27) 24" Wide Stop Bar - Painted	24	lf	\$ 7.80	\$ 187.20
28) 12" Wide Crosswalk Bar - Painted	250	lf	\$ 7.48	\$ 1,870.00

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Enclose Drainage, New Curb & Sidewalk, Taft Street to Athens Drive

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
29) Symbol or Letter - Painted	15	each	\$ 127.75	\$ 1,916.25
30) Supply and Spread Topsoil	300	cy	\$ 39.89	\$ 11,967.00
31) Seed, Fertilize, Lime and Matting	2,650	sy	\$ 2.88	\$ 7,632.00
32) Traffic Control - Type IV	40	day	\$ 1,381.03	\$ 55,241.20
33) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
34) Mobilization	---	---	5%	\$ 18,165.95
Contingency	---	---	20%	\$ 76,296.99

Subtotal	\$	457,781.93
Design Engineering Services	\$	45,778.19
Bidding and Construction Services	\$	45,778.19
Grand Total	\$	549,338.31

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Sidewalk and Lighting Improvements from Willeys Court to West Street Extension

Original Capital Plan Date: 2/3/2009

Primary Project Reason:

Improve Streetscape along Pearl Street

Secondary Project Reason:

Assumptions:

New sidewalk will be 5' wide.

5' wide green belt.

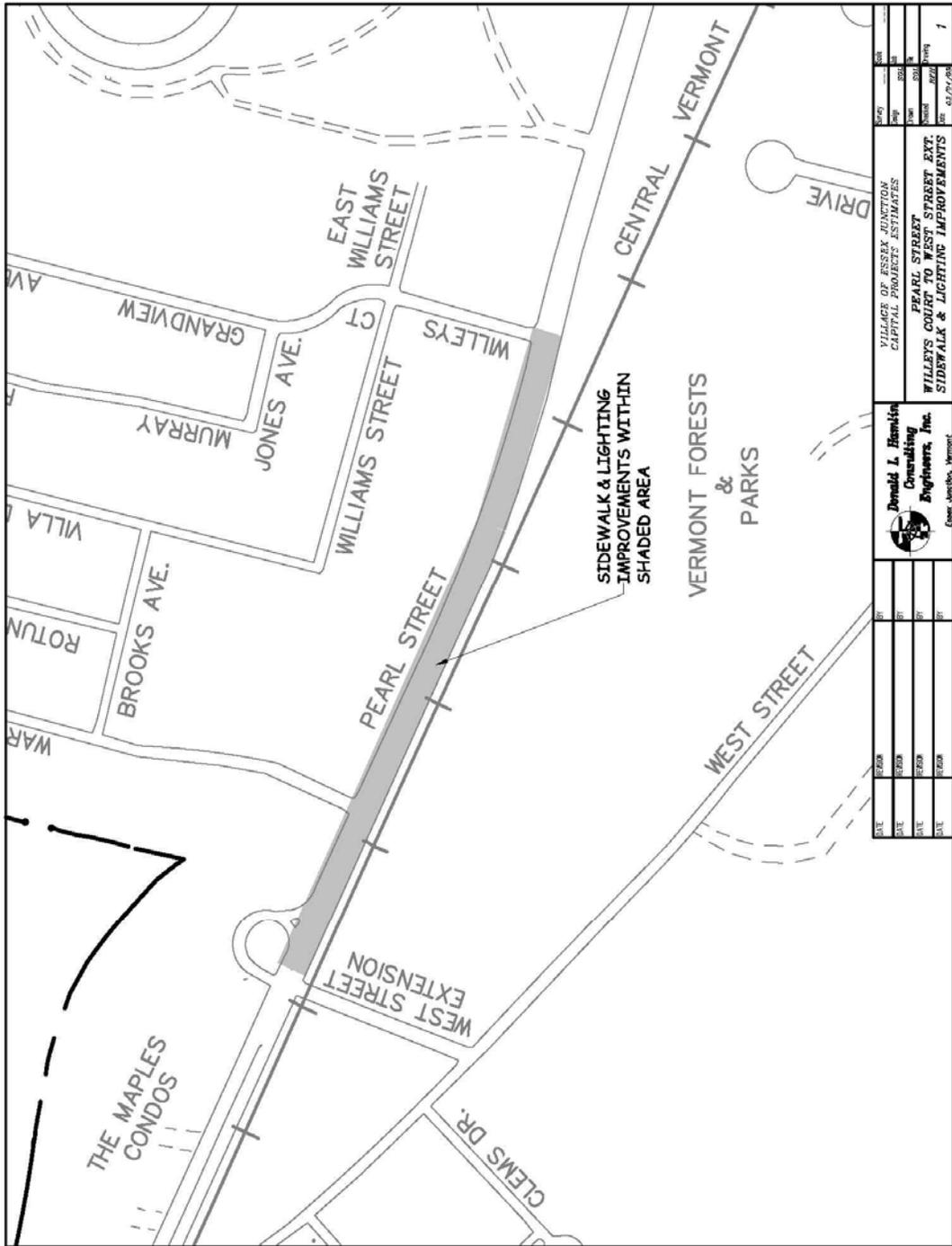
New lights shall be the Gas Style Lamps.

A portion of each residential driveway will be rebuilt to match new sidewalk.

Green Mountain Power to remove existing Cobra Head Lights.

O	Pavement Overlay		
R	Roadway Reconstruction	\$	180,352.49
W	Waterline Improvements	\$	6,807.49
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements	\$	17,775.93
P	Sidewalk Improvements	\$	1,113,555.88
	Combined Total	\$	1,318,491.80

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Sidewalk and Lighting Improvements from Willeys Court to West Street Extension

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	2,600	lf	\$ 3.35	\$ 8,710.00
2) Excavation of Pavement 4" to 6" Thick	1,680	sy	\$ 10.19	\$ 17,119.20
3) Remove Existing Concrete Sidewalk	1,750	sy	\$ 13.23	\$ 23,152.50
4) Remove Existing Concrete Curb	100	lf	\$ 5.58	\$ 558.00
5) Remove and Reset Existing Granite Curb	1,010	lf	\$ 19.45	\$ 19,644.50
6) New Granite Curb	550	lf	\$ 42.35	\$ 23,292.50
7) Cold Plane Pavement 12" Strip at Joint	1,375	sy	\$ 25.32	\$ 34,815.00
8) Excavation for New Roadway Subbase	100	cy	\$ 21.00	\$ 2,100.00
9) Dense Graded Crushed Stone	80	cy	\$ 35.96	\$ 2,876.80
10) Plant Mixed Gravel	25	cy	\$ 35.39	\$ 884.75
11) Mirafi 500X Geotextile Fabric	125	sy	\$ 1.67	\$ 208.75
12) New Cement Concrete Sidewalk - 5" Thick	1,525	sy	\$ 74.06	\$ 112,941.50
13) New Cement Concrete Sidewalk - 8" Thick (eared section)	450	sy	\$ 121.42	\$ 54,639.00
14) Detectable Warning Surface	7	sy	\$ 310.73	\$ 2,175.11
15) New Bituminous Concrete Pavement - 3", Type II	350	sy	\$ 20.16	\$ 7,056.00
16) New Bituminous Concrete Pavement - 1-1/4", Type III	450	sy	\$ 9.49	\$ 4,270.50
17) New Bituminous Concrete Pavement - 3" Thick Over Trench	830	sy	\$ 55.47	\$ 46,040.10
18) New Bituminous Concrete Pavement - 1-1/4", Type III (HW)	1,005	sy	\$ 18.99	\$ 19,084.95
19) New Gas Lamp Style Light (Base, Pole and Fixture)	48	each	\$ 6,762.44	\$ 324,597.12
20) New Wired Conduit for Lighting	3,800	lf	\$ 19.85	\$ 75,430.00
21) Lighting Pedestal Meter Socket/Load Center (Includes Timer)	1	ls	\$ 8,631.43	\$ 8,631.43
22) Catch Basin - 4' dia., To 8' Deep	2	each	\$ 4,223.58	\$ 8,447.16
23) 15" HDPE Drainage Pipe - To 8' Deep	30	lf	\$ 58.51	\$ 1,755.30
24) Connect New Pipe to Existing Structure	2	each	\$ 918.80	\$ 1,837.60
25) Remove and Reset Existing Catch Basin Frame and Grate	2	each	\$ 813.33	\$ 1,626.66
26) Concrete Cap for Island	140	sy	\$ 67.90	\$ 9,506.00

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Sidewalk and Lighting Improvements from Willeys Court to West Street Extension

ITEM	QUANTITY	UNIT	PRICE	TOTAL
27) Supply and Spread Topsoil	325	cy	\$ 39.89	\$ 12,964.25
28) New Landscaping	1	ls	\$15,000.00	\$ 15,000.00
29) Seed, Fertilize, Lime and Matting	2,875	sy	\$ 2.88	\$ 8,280.00
30) Changeable Message Boards	185	day	\$ 258.94	\$ 47,903.90
31) Remove Existing Sign	20	each	\$ 43.11	\$ 862.20
32) New Sign	120	sf	\$ 23.41	\$ 2,809.20
33) New Sign Post	20	each	\$ 108.10	\$ 2,162.00
34) Raise Existing Hydrant	3	each	\$ 858.25	\$ 2,574.75
35) Adjust Existing Curb Stop Box to New Finish Grade	7	each	\$ 136.88	\$ 958.16
36) Adjust Existing Gate Valve Box to New Finish Grade	6	each	\$ 203.33	\$ 1,219.98
37) 12" Wide Crosswalk Bar - Painted	192	each	\$ 7.48	\$ 1,436.16
38) Replace Existing Utility Pole (Includes Utility Transfer)	6	each	\$ 8,372.49	\$ 50,234.94
39) Traffic Control - Type IV	60	day	\$ 1,381.03	\$ 82,861.80
40) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
41) Mobilization	---	---	5%	\$ 52,321.10
Contingency	---	---	20%	\$ 219,748.63

Subtotal \$ 1,318,491.80
Design Engineering Services \$ 105,479.34
Bidding and Construction Services \$ 131,849.18
Grand Total \$ 1,555,820.32

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Sidewalk and Roadway Improvements from West Street to Susie Wilson Road

Original Capital Plan Date: 2/3/2009

Primary Project Reason:

Improve Streetscape along Pearl Street

Secondary Project Reason:

Traffic Calming

Added a bike lane on both east and west bound portions of Route 15.

Assumptions:

New sidewalk will be 5' wide.

5' wide green belt.

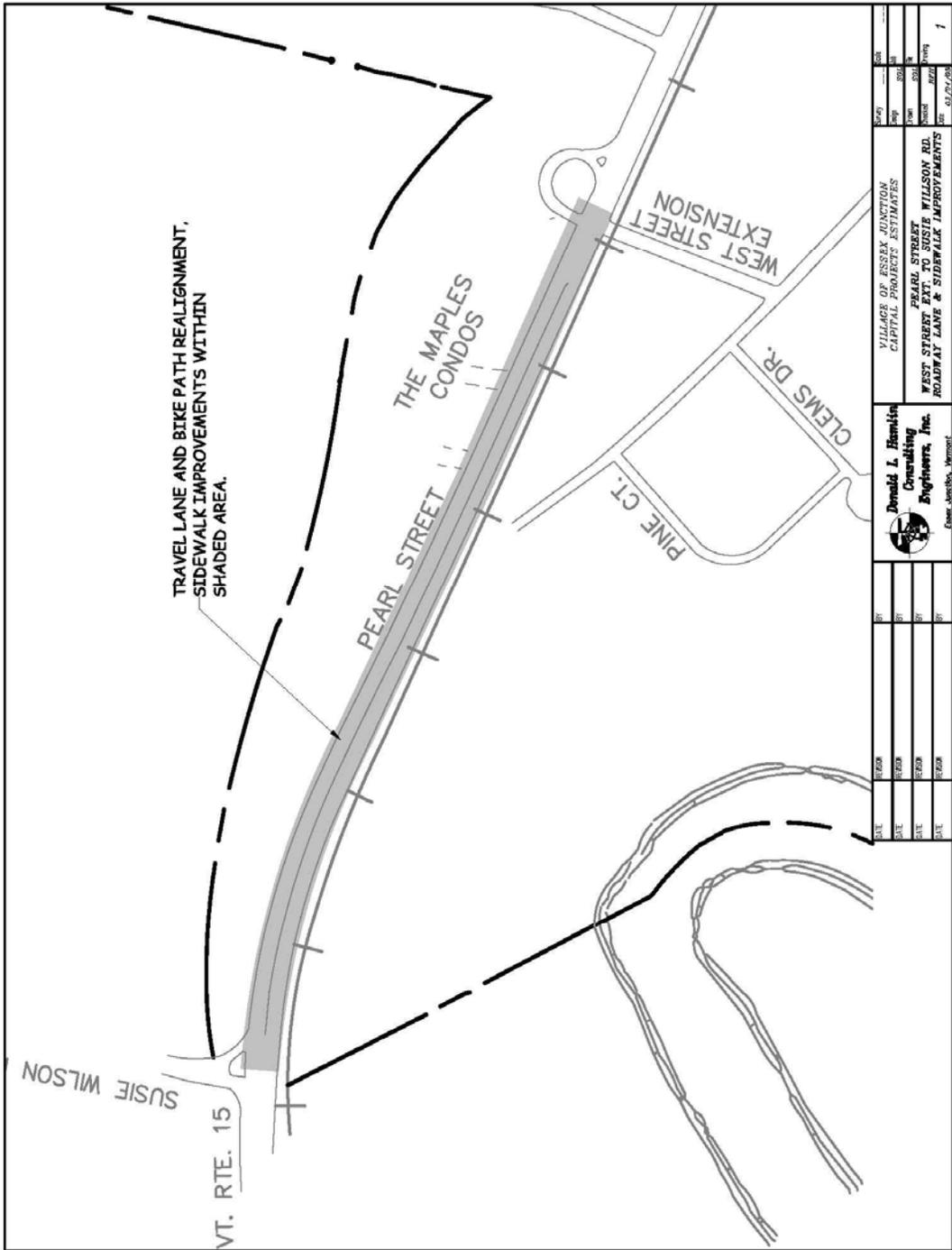
Pearl Street to be re-stripped to change lane configurations

A portion of each residential driveway will be rebuilt to match new sidewalk.

Green Mountain Power to remove existing Cobra Head Lights.

O	Pavement Overlay		
R	Roadway Reconstruction	\$	223,604.16
W	Waterline Improvements	\$	8,588.62
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements	\$	47,579.32
P	Sidewalk Improvements	\$	491,335.01
	Combined Total	\$	771,107.11

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	SCALE	NO.
DATE	BY	SCALE	NO.
DATE	BY	SCALE	NO.
DATE	BY	SCALE	NO.

Donald L. Hamilton
 Consulting
 Engineers, Inc.
 Essex Junction, Vermont

VILLAGE OF ESSEX JUNCTION
 CAPITAL PROJECTS ESTIMATES
 PEARL STREET
 WEST STREET EXT. TO SUSIE WILSON RD.
 ROADWAY LANE & SIDEWALK IMPROVEMENTS

DATE: 07/27/08
 SHEET: 1

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Sidewalk and Roadway Improvements from West Street to Susie Wilson Road

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	3,780	lf	\$ 3.35	\$ 12,663.00
2) Excavation of Pavement 4" to 6" Thick	775	sy	\$ 10.19	\$ 7,897.25
3) Remove Existing Bituminous Concrete Sidewalk	900	sy	\$ 6.21	\$ 5,589.00
4) Remove and Reset Existing Granite Curb	1,850	lf	\$ 19.45	\$ 35,982.50
5) New Granite Curb	100	lf	\$ 42.35	\$ 4,235.00
6) Cold Plane Pavement 12" Strip at Joint	275	sy	\$ 25.32	\$ 6,963.00
7) Excavation for New Roadway Subbase	700	cy	\$ 21.00	\$ 14,700.00
8) Dense Graded Crushed Stone	550	cy	\$ 35.96	\$ 19,778.00
9) Plant Mixed Gravel	150	cy	\$ 35.39	\$ 5,308.50
10) Mirafi 500X Geotextile Fabric	825	sy	\$ 1.67	\$ 1,377.75
11) New Cement Concrete Sidewalk - 5" Thick	800	sy	\$ 74.06	\$ 59,248.00
12) New Cement Concrete Sidewalk - 8" Thick (eared section)	500	sy	\$ 121.42	\$ 60,710.00
13) Detectable Warning Surface	10	sy	\$ 310.73	\$ 3,107.30
14) New Bituminous Concrete Pavement - 3" Thick Over Trench	1,575	sy	\$ 55.47	\$ 87,365.25
15) New Bituminous Concrete Pavement - 1-1/4", Type III (HW)	1,850	sy	\$ 18.99	\$ 35,131.50
16) Catch Basin - 4' dia., To 8' Deep	5	each	\$ 4,223.58	\$ 21,117.90
17) Connect Existing Pipe to New Structure	10	each	\$ 918.80	\$ 9,188.00
18) Remove and Reset Existing Catch Basin Frame and Grate	5	each	\$ 813.33	\$ 4,066.65
19) Concrete Cap for Island	425	sy	\$ 67.90	\$ 28,857.50
20) Supply and Spread Topsoil	200	cy	\$ 39.89	\$ 7,978.00
21) Seed, Fertilize, Lime and Matting	1,600	sy	\$ 2.88	\$ 4,608.00
22) Changeable Message Boards	125	day	\$ 258.94	\$ 32,367.50
23) Remove Existing Sign	15	each	\$ 43.11	\$ 646.65
24) New Sign	90	sf	\$ 23.41	\$ 2,106.90
25) New Sign Post	15	each	\$ 108.10	\$ 1,621.50
26) Raise Existing Hydrant	3	each	\$ 858.25	\$ 2,574.75

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Sidewalk and Roadway Improvements from West Street to Susie Wilson Road

ITEM	QUANTITY	UNIT	PRICE	TOTAL
27) Adjust Existing Curb Stop Box to New Finish Grade	13	each	\$ 136.88	\$ 1,779.44
28) Adjust Existing Gate Valve Box to New Finish Grade	10	each	\$ 203.33	\$ 2,033.30
29) 12" Wide Crosswalk Bar - Painted	125	each	\$ 7.48	\$ 935.00
30) 4" White Line - Painted	10,260	lf	\$ 1.07	\$ 10,978.20
31) 4" Yellow Line - Painted	9,200	lf	\$ 1.07	\$ 9,844.00
32) Replace Existing Utility Pole (Includes Utility Transfer)	6	each	\$ 8,372.49	\$ 50,234.94
33) Traffic Control - Type IV	40	day	\$ 1,381.03	\$ 55,241.20
34) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
35) Mobilization	---	---	5%	\$ 30,599.49
Contingency	---	---	20%	\$ 128,517.85

Subtotal	\$	771,107.11
Design Engineering Services	\$	69,399.64
Bidding and Construction Services	\$	77,110.71
Grand Total	\$	917,617.46

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

West Street

Cost Reference Date: 5/1/2017

Sidewalk Improvements from South Street to Clems Drive

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 2/18/2009

Primary Project Reason:

Replace narrow and decaying sidewalk

Secondary Project Reason:

Assumptions:

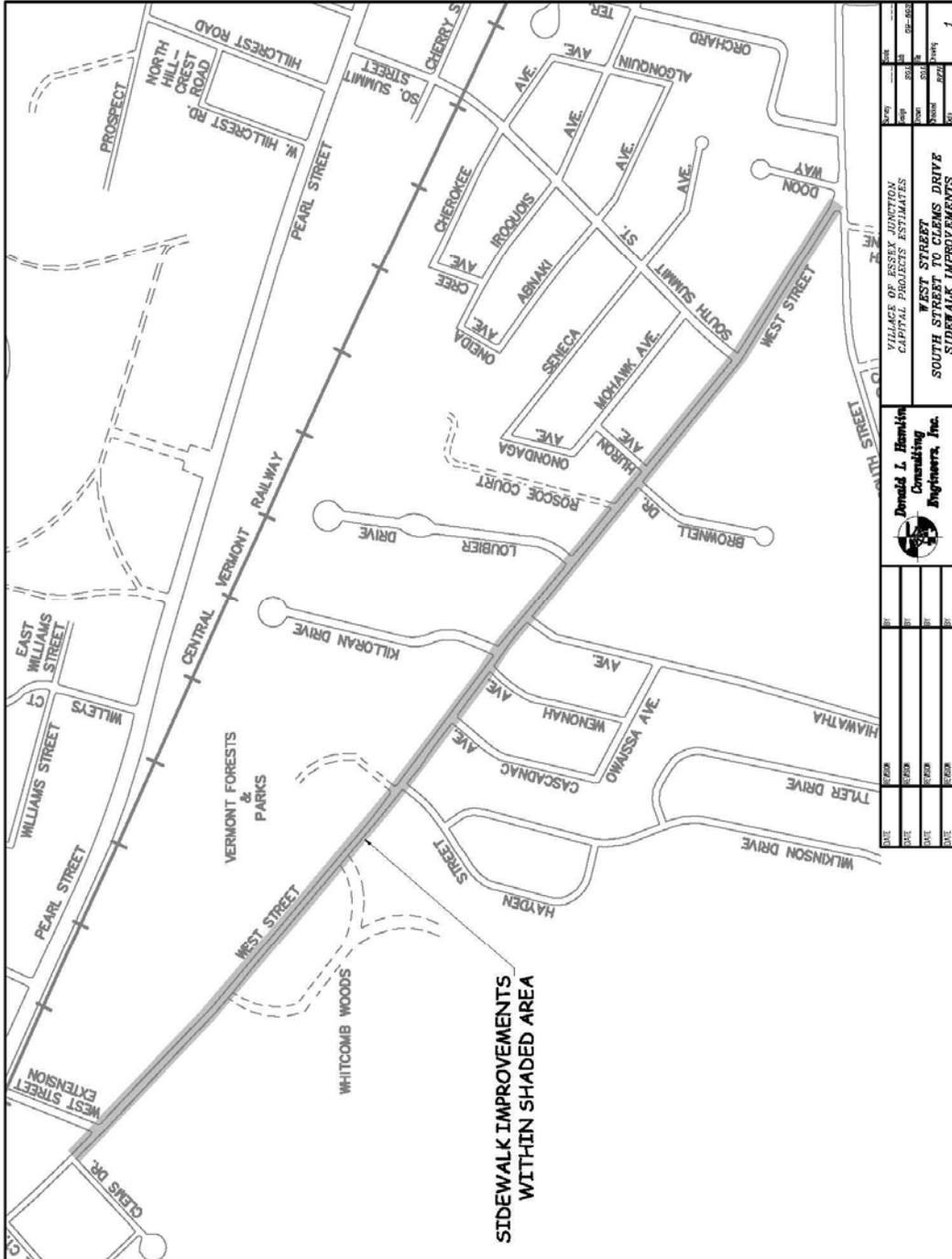
New sidewalk will be 5' wide.

5' wide green belt.

A portion of each residential driveway will be rebuilt to match new sidewalk.

O	Pavement Overlay		
R	Roadway Reconstruction		
W	Waterline Improvements	\$	17,469.87
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements		
P	Sidewalk Improvements	\$	563,066.66
	Combined Total	\$	580,536.53

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	BY	DATE	BY

Donald L. Hamlin
 Consulting
 Engineers, Inc.
 Essex Junction, Vermont

VILLAGE OF ESSEX JUNCTION
 CAPITAL PROJECTS ESTIMATES
 WEST STREET
 SOUTH STREET TO CLEANS DRIVE
 SIDEWALK IMPROVEMENTS

NO.	DATE	BY	REVISION
1	02/24/23		

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

West Street

Cost Reference Date: 5/1/2017

Sidewalk Improvements from South Street to Clems Drive

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 3" Thick	1,000	lf	\$ 2.30	\$ 2,300.00
2) Excavation of Pavement to 3" Thick	2,250	sy	\$ 6.21	\$ 13,972.50
3) Remove Existing Concrete Sidewalk	1,100	sy	\$ 13.23	\$ 14,553.00
4) Remove and Reset Existing Granite Curb	40	lf	\$ 19.45	\$ 778.00
5) New Cement Concrete Sidewalk - 4" Thick	2,160	sy	\$ 67.90	\$ 146,664.00
6) New Cement Concrete Sidewalk - 6" Thick	790	sy	\$ 92.95	\$ 73,430.50
7) Detectable Warning Surface	25	sy	\$ 310.73	\$ 7,768.25
8) New Bituminous Concrete Driveway and Apron	1,100	sy	\$ 48.34	\$ 53,174.00
9) Supply and Spread Topsoil	525	cy	\$ 39.89	\$ 20,942.25
10) Seed, Fertilize, Lime and Matting	4,800	sy	\$ 2.88	\$ 13,824.00
11) Changeable Message Boards	125	day	\$ 258.94	\$ 32,367.50
12) Raise Existing Hydrant	6	each	\$ 858.25	\$ 5,149.50
13) Adjust Existing Curb Stop Box to New Finish Grade	43	each	\$ 136.88	\$ 5,885.84
14) Adjust Existing Gate Valve Box to New Finish Grade	10	each	\$ 203.33	\$ 2,033.30
15) Traffic Control - Type IV	45	day	\$ 1,381.03	\$ 62,146.35
16) Dust Control - Type III	1	ls	\$ 5,754.29	\$ 5,754.29
17) Mobilization	---	---	5%	\$ 23,037.16
18) Contingency	---	---	20%	\$ 96,756.09

Subtotal	\$ 580,536.53
Design Engineering Services	\$ 52,248.29
Bidding and Construction Services	\$ 58,053.65
Grand Total	\$ 690,838.47

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Install New Sidewalk and Lighting from Bridge to Crestview Road on the West Side

Original Capital Plan Date: 4/21/2014

Primary Project Reason:

Install new 5' wide cement concrete sidewalk along west side of a
Class I Highway and install new lighting to improve pedestrian safety.

Secondary Project Reason:

Assumptions:

Two way traffic maintained
A portion of each residential driveway will be rebuilt to match new sidewalk.
New Lights to be installed along new sidewalk.
Project to enclose current open drainage has been completed,
Construction in 2015

Public Works Accounts:

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	-
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	-
D	Storm Drainage Improvements	\$	-
P	Sidewalk Improvements	\$	226,192.06
	Combined Account Costs	\$	226,192.06
	Project Management, Design and Resident Engineering	\$	45,238.41
	Total Project Cost	\$	271,430.48

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Install New Sidewalk and Lighting from Bridge to Crestview Road on the West Side

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Saw Cut Existing Pavement	120	lf	\$ 3.35	\$ 402.00
2) Excavation of Pavement	200	sy	\$ 10.19	\$ 2,038.00
3) New Cement Concrete Sidewalk - 4" Thick	360	sy	\$ 67.90	\$ 24,444.00
4) New Cement Concrete Sidewalk - 6" Thick	65	sy	\$ 92.95	\$ 6,041.75
5) New Bituminous Concrete Driveway and Apron	135	sy	\$ 48.34	\$ 6,525.90
6) Detectable Warning Surface	2	sy	\$ 310.73	\$ 621.46
7) New Gas Lamp Style Light (Base, Pole and Fixture)	11	each	\$ 6,762.44	\$ 74,386.84
8) New Wired Conduit for Lighting	750	lf	\$ 19.85	\$ 14,887.50
9) Lighting Pedestal Meter Socket/Load Center (Includes Timer)	1	each	\$ 8,631.43	\$ 8,631.43
10) Supply and Spread Topsoil	100	cy	\$ 39.89	\$ 3,989.00
11) Seed, Fertilize, Lime and Matting	1,050	sy	\$ 2.88	\$ 3,024.00
12) Traffic Control	20	day	\$ 920.69	\$ 18,413.80
13) Message Boards	30	day	\$ 517.88	\$ 15,536.40
14) Dust Control	1	ls	\$ 575.43	\$ 575.43
15) Mobilization	---	---	5%	\$ 8,975.88
16) Contingency	---	---	20%	\$ 37,698.68

Subtotal \$ 226,192.06
 * - Design Engineering Services \$ 22,619.21
 Bidding and Construction Services \$ 22,619.21
 Grand Total \$ 271,430.48

* - Double this amount if project is run through the LTF Program.

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

West Street

Cost Reference Date: 5/1/2017

West St. & West St. Ext. Intersection Improvements

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 6/14/2014

Primary Project Reason:

- Improve the vehicular and pedestrian safety of the intersection.
- Improve traffic flow through the intersection.

Secondary Project Reason:

Assumptions:

- Entire intersection will receive an overlay and striping.
- Granite curb to be replaced with concrete curb.
- Existing signs will be utilized.
- Drainage improvements to accommodate new configuration.

O	Pavement Overlay	\$	10,671.47
R	Roadway Reconstruction	\$	48,864.57
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements	\$	16,289.39
P	Sidewalk Improvements	\$	4,028.80
	Combined Account Costs	\$	79,854.24
	Project Management, Design and Resident Engineering	\$	15,970.85
	Total Project Cost	\$	95,825.09

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

West Street

Cost Reference Date: 5/1/2017

West St. & West St. Ext. Intersection Improvements

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	225	lf	\$ 3.35	\$ 753.75
2) Excavation of Pavement 4" to 6" Thick	175	sy	\$ 10.19	\$ 1,783.25
3) Remove Existing Granite Curb	220	lf	\$ 5.66	\$ 1,245.20
4) Saw Cut Existing Cement Concrete 4" Thick	20	lf	\$ 4.17	\$ 83.40
5) Remove Existing Concrete Sidewalk	35	sy	\$ 13.23	\$ 463.05
6) Excavation for New Roadway Subbase	45	cy	\$ 21.00	\$ 945.00
7) Dense Graded Crushed Stone - 18"	35	cy	\$ 35.96	\$ 1,258.60
8) Plant Mixed Gravel - 6"	10	cy	\$ 35.39	\$ 353.90
9) New Bituminous Concrete Pavement - 3" Thick Over Trench	120	sy	\$ 55.47	\$ 6,656.40
10) New Bituminous Concrete Pavement - 1-1/2", Type III	585	sy	\$ 12.37	\$ 7,236.45
11) New Bituminous Concrete Driveway and Apron	10	sy	\$ 48.34	\$ 483.40
12) Remove Existing Structure - To 8' Deep	1	each	\$ 724.27	\$ 724.27
13) Remove Existing Pipe - To 8' Deep	20	lf	\$ 16.22	\$ 324.40
14) Connect New Structure to Existing Pipe	1	each	\$ 918.80	\$ 918.80
15) Catch Basin - 4' dia., To 8' Deep	2	each	\$ 4,223.58	\$ 8,447.16
16) 15" HDPE Drainage Pipe - To 8' Deep	30	lf	\$ 58.51	\$ 1,755.30
17) New Cement Concrete Sidewalk - 4" Thick	30	sy	\$ 67.90	\$ 2,037.00
18) New Cement Concrete Curb	325	lf	\$ 28.20	\$ 9,165.00
19) Detectable Warning Surface	2	sy	\$ 310.73	\$ 621.46
20) Remove and Reset Existing Sign	5	each	\$ 57.75	\$ 288.75
21) 24" Wide Stop Bar - Painted	13	lf	\$ 7.80	\$ 101.40
22) 12" Wide Crosswalk Bar - Painted	48	lf	\$ 7.48	\$ 359.04
23) 4" White Line - Painted	70	lf	\$ 1.07	\$ 74.90
24) 4" Yellow Line - Painted	400	lf	\$ 1.07	\$ 428.00
25) Supply and Spread Topsoil	40	cy	\$ 39.89	\$ 1,595.60
26) Seed, Fertilize, Lime and Matting	340	\$2.88	\$ 14.90	\$ 5,066.00

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

West Street

Cost Reference Date: 5/1/2017

West St. & West St. Ext. Intersection Improvements

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
27) Traffic Control - Type III	10	day	\$ 920.69	\$ 9,206.90
28) Dust Control - Type III	1	ls	\$ 1,000.00	\$ 1,000.00
29) Mobilization	---	---	5%	\$ 3,168.82
Contingency	---	---	20%	\$ 13,309.04

Subtotal	\$	79,854.24
Design Engineering Services	\$	7,985.42
Bidding and Construction Services	\$	7,985.42
Grand Total	\$	95,825.09

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Hillcrest Road

Cost Reference Date: 5/1/2017

Sidewalk Improvements from Pearl Street to Fleming School

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 4/6/2015

Primary Project Reason:

Requested by residents along the street

Secondary Project Reason:

Assumptions:

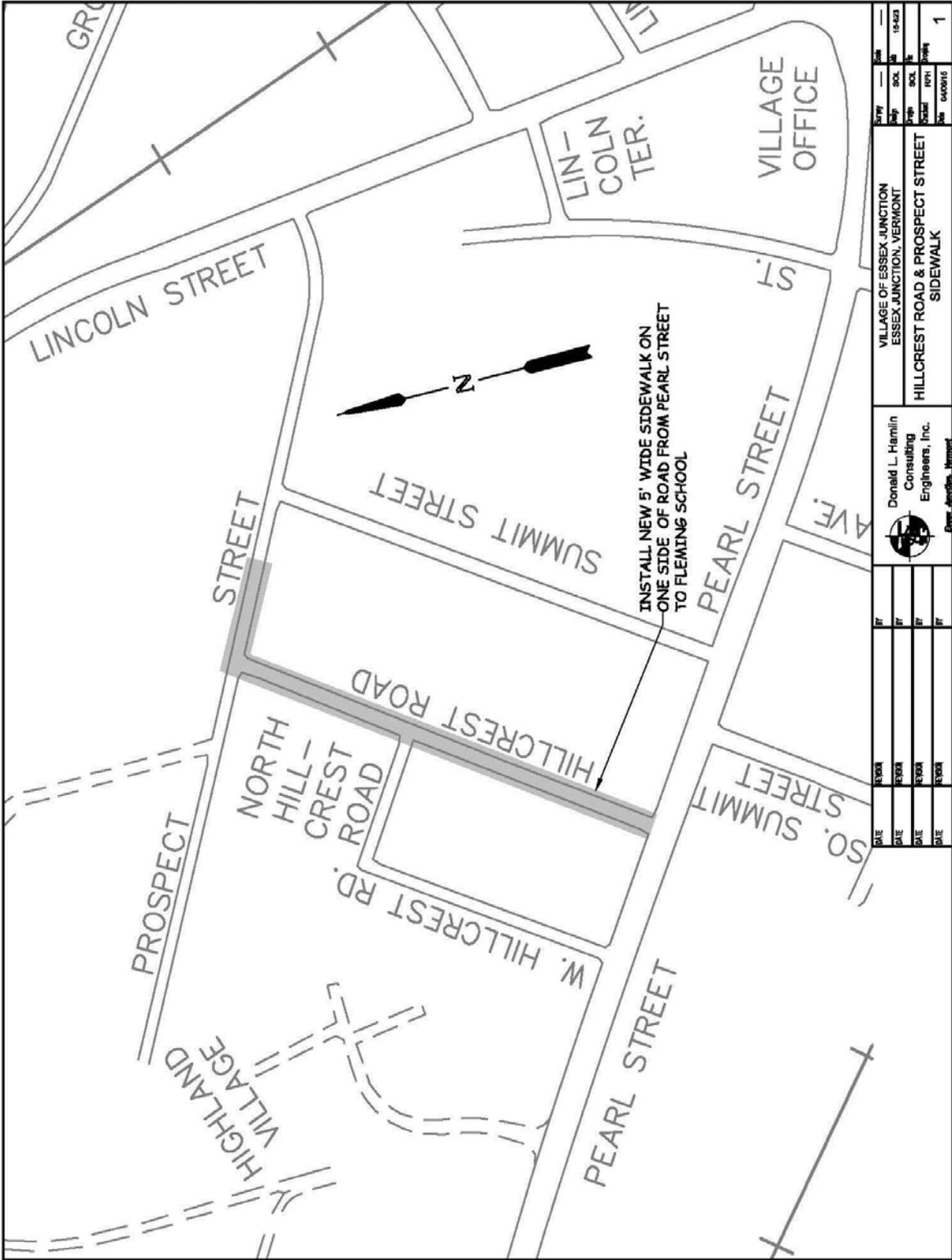
New sidewalk will be 5' wide.

3' wide green belt, except along new curb

A portion of each residential driveway will be rebuilt to match new sidewalk.

O	Pavement Overlay		
R	Roadway Reconstruction		
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements		
P	Sidewalk Improvements	\$	383,169.65
	Combined Account Costs	\$	383,169.65
	Project Management, Design and Resident Engineering	\$	76,633.93
	Total Project Cost	\$	459,803.58

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Hillcrest Road

Cost Reference Date: 5/1/2017

Sidewalk Improvements from Pearl Street to Fleming School

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 3" Thick	900	lf	\$ 2.30	\$ 2,070.00
2) Excavation of Pavement to 3" Thick	700	sy	\$ 6.21	\$ 4,347.00
3) Saw Cut Existing Cement Concrete 4" Thick	10	lf	\$ 4.17	\$ 41.70
4) Remove Existing Concrete Sidewalk	12	sy	\$ 13.23	\$ 158.76
5) Remove Existing Tree and Stump	8	each	\$ 949.46	\$ 7,595.68
6) Remove Existing Sign	5	each	\$ 43.11	\$ 215.55
7) Replace Existing Utility Pole (Includes Utility Transfer)	1	each	\$ 8,372.49	\$ 8,372.49
8) Remove and Reset Existing Blue Stone Walkway	22	sy	\$ 100.00	\$ 2,200.00
9) Remove and Reset Existing Fence	160	lf	\$ 25.00	\$ 4,000.00
10) New Wooden Guardrail	200	lf	\$ 24.00	\$ 4,800.00
11) Earth Borrow	300	cy	\$ 16.00	\$ 4,800.00
12) New Signs	108	sf	\$ 23.41	\$ 2,528.28
13) New Sign Posts	12	each	\$ 108.10	\$ 1,297.20
14) New Cement Concrete Sidewalk - 4" Thick	490	sy	\$ 74.06	\$ 36,289.40
15) New Cement Concrete Sidewalk - 6" Thick	100	sy	\$ 97.60	\$ 9,760.00
16) Detectable Warning Surface	4	sy	\$ 310.73	\$ 1,242.92
17) New Cement Concrete Curb	575	lf	\$ 28.20	\$ 16,215.00
18) Cold Plane Pavement 12" Strip at Joint	65	sy	\$ 25.32	\$ 1,645.80
19) New Bituminous Concrete Pavement - 1-1/4", Type III (HW)	200	sy	\$ 18.99	\$ 3,798.00
20) New Bituminous Concrete Pavement - 3" Thick Over Trench	130	sy	\$ 55.47	\$ 7,211.10
21) New Bituminous Concrete Driveway and Apron	445	sy	\$ 55.47	\$ 24,684.15
22) Adjust Existing Curb Stop Box to New Finish Grade	6	each	\$ 1,086.41	\$ 6,518.46
23) Adjust Existing Gate Valve Box to New Finish Grade	2	each	\$ 724.27	\$ 1,448.54
24) 4" SDR 35 PVC Carrier Pipe	350	lf	\$ 20.21	\$ 7,073.50
25) 4" SDR 35 PVC Underdrain Pipe	250	lf	\$ 23.49	\$ 5,872.50
26) New Retaining Walls	225	sy	\$ 435.00	\$ 97,875.00
27) New Tree	4	each	\$ 1,250.00	\$ 5,000.00

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Hillcrest Road

Cost Reference Date: 5/1/2017

Sidewalk Improvements from Pearl Street to Fleming School

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
28) Supply and Spread Topsoil	200	cy	\$ 39.89	\$ 7,978.00
29) Seed, Fertilize, Lime and Matting	1,700	sy	\$ 2.88	\$ 4,896.00
30) Traffic Control - Type II	30	day	\$ 690.51	\$ 20,715.30
31) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
32) Mobilization	---	---	5%	\$ 15,205.15
Contingency	---	---	20%	\$ 63,861.61

Subtotal	\$	383,169.65
Design Engineering Services	\$	38,316.97
Bidding and Construction Services	\$	38,316.97
Grand Total	\$	459,803.58

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Greenwood Avenue

Drainage Course Improvements at 17 Greenwood Avenue

Cost Reference Date: 11/1/2015

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 10/6/2015

Primary Project Reason:

Help reduce flooding of Greenwood Avenue residences during major rain storm events.

Secondary Project Reason:

Help reduce damage to 17 Greenwood Avenue during major rain storm events.

Assumptions:

- Replace concrete sidewalk at driveway
- Reconstruct entire driveway
- Install precast concrete block retaining wall
- Install lawn reinforcement to prevent erosion

O	Pavement Overlay		
R	Roadway Reconstruction		
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements	\$	33,194.79
P	Sidewalk Improvements		
	Combined Account Costs	\$	33,194.79
	Project Management, Design and Resident Engineering	\$	6,638.96
	Total Project Cost	\$	39,833.75

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Greenwood Avenue

Cost Reference Date: 11/1/2015

Drainage Course Improvements at 17 Greenwood Avenue

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement	20	lf	\$ 3.35	\$ 67.00
2) Saw Cut Existing Cement Concrete	10	lf	\$ 4.17	\$ 41.70
3) Excavation of Pavement	235	sy	\$ 6.21	\$ 1,459.35
4) Remove Existing Concrete Sidewalk	22	sy	\$ 13.23	\$ 291.06
5) New Bituminous Concrete Driveway and Apron	240	sy	\$ 48.34	\$ 11,601.60
6) New Cement Concrete Curb	16	lf	\$ 28.20	\$ 451.20
7) New Cement Concrete Sidewalk - 4" Thick	4	sy	\$ 67.90	\$ 271.60
8) New Cement Concrete Sidewalk - 6" Thick	18	sy	\$ 92.95	\$ 1,673.10
9) Geoweb Slope Stabilization	700	sf	\$ 3.43	\$ 2,401.00
10) Supply and Spread Topsoil	35	cy	\$ 39.89	\$ 1,396.15
11) Seed, Fertilize, Lime and Matting	325	sy	\$ 2.88	\$ 936.00
12) 6' x 2' x 2' Precast Concrete Blocks	15	each	\$ 271.99	\$ 4,079.85
13) Wooden Guardrail	44	lf	\$ 38.08	\$ 1,675.46
14) Mobilization	---	---	5%	\$ 1,317.25
Contingency	---	---	20%	\$ 5,532.46

Subtotal	\$	33,194.79
Design Engineering Services	\$	3,319.48
Bidding and Construction Services	\$	3,319.48
Grand Total	\$	39,833.75

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Multi-use Path through ANR from West St. to Pearl St.

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 5/1/2016

Primary Project Reason:

To provide a safe pedestrian and bicycle connection between West Street and Pearl Street, through the State parcel, as the nearest rail crossings are at West Street Extension and South Summit Street.

Secondary Project Reason:

A new multi-use path would provided greatly improved access to the community gardens and the dog park from Pearl Street and its adjacent neighbors.

Assumptions:

O	Pavement Overlay	
R	Roadway Reconstruction	
W	Waterline Improvements	
S	Sanitary Sewer Improvements	
D	Storm Drainage Improvements	
P	Sidewalk Improvements	\$ 605,949.78
	Combined Account Costs	\$ 605,949.78
	Project Management, Design and Resident Engineering	\$ 115,130.46
	Total Project Cost	\$ 721,080.23

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Pearl Street

Cost Reference Date: 5/1/2017

Multi-use Path through ANR from West St. to Pearl St.

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Clearing and Grubbing	1	ls	\$ 10,000.00	\$ 10,000.00
2) Saw Cut Existing Pavement	250	lf	\$ 3.35	\$ 837.50
3) Excavation of Pavement	300	sy	\$ 6.21	\$ 1,863.00
4) Saw Cut Existing Cement Concrete	20	lf	\$ 4.79	\$ 95.80
5) Remove Existing Concrete Sidewalk	20	sy	\$ 13.23	\$ 264.60
6) Remove Existing Concrete Curb	30	lf	\$ 5.58	\$ 167.40
7) Remove and Reset Existing Granite Curb	30	lf	\$ 19.45	\$ 583.50
8) New Cement Concrete Curb	30	lf	\$ 28.20	\$ 846.00
9) New Cement Concrete Sidewalk - 5" Thick	50	sy	\$ 74.06	\$ 3,703.00
10) Common Excavation	1,250	cy	\$ 21.00	\$ 26,250.00
11) Plant Mixed Gravel	1,350	cy	\$ 35.39	\$ 47,776.50
12) New Bituminous Concrete Pavement, Type II	80	ton	\$ 80.00	\$ 6,400.00
13) New Bituminous Concrete Pavement, Type IV	275	ton	\$ 80.00	\$ 22,000.00
14) Detectable Warning Surface	10	sy	\$ 310.73	\$ 3,107.30
15) New Box Light (Base, Pole and Fixture)	17	each	\$ 6,447.51	\$ 109,607.67
16) New Wired Conduit for Lighting	1,750	lf	\$ 19.85	\$ 34,737.50
17) Lighting Pedestal Meter Socket/Load Center (Includes Timer)	1	each	\$ 8,631.43	\$ 8,631.43
18) Supply and Spread Topsoil	275	cy	\$ 39.89	\$ 10,969.75
19) Seed, Fertilize, Lime and Matting	2,330	sy	\$ 2.88	\$ 6,710.40
20) Concrete Filled Steel Bollard	21	each	\$ 295.77	\$ 6,211.17
21) 6' Chain Link Fence	900	lf	\$ 33.50	\$ 30,150.00
22) Railroad Crossing	1	ls	\$ 150,000.00	\$ 150,000.00
23) Mobilization	---	---	5%	\$ 24,045.63
Contingency	---	---	20%	\$ 100,991.63

Subtotal \$ 605,949.78
Design Engineering Services \$ 54,535.48
Bidding and Construction Services \$ 60,594.98
Grand Total \$ 721,080.23

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**South Street
Sidewalk and Drainage Improvements**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017
Original Capital Plan Date: 5/1/2016

Primary Project Reason:

Help reduce flooding of South Street Residences during major rain storm events.

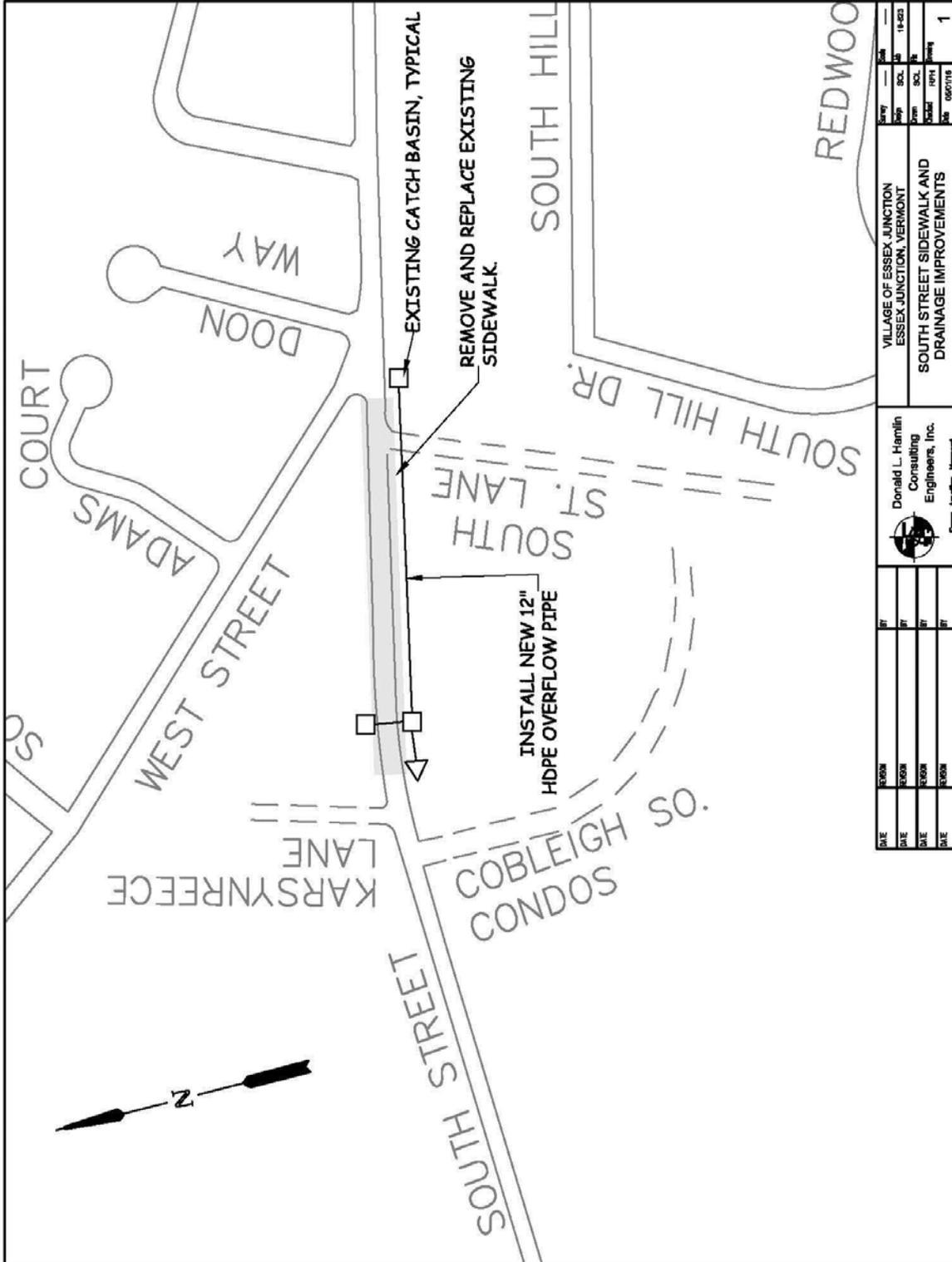
Secondary Project Reason:

Assumptions:

- Replace 505' concrete sidewalk along South Street with new 5' wide concrete walk.
- Reconstruct driveways
- Install new overflow drainage pipe

O	Pavement Overlay		
R	Roadway Reconstruction		
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements	\$	33,061.51
P	Sidewalk Improvements	\$	57,708.27
	Combined Account Costs	\$	94,740.28
	Project Management, Design and Resident Engineering	\$	18,948.06
	Total Project Cost	\$	113,688.34

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



DATE	FROM	BY	SCALE
DATE	FROM	BY	SCALE
DATE	FROM	BY	SCALE
DATE	FROM	BY	SCALE

VILLAGE OF ESSEX JUNCTION		DATE	SCALE
ESSEX JUNCTION, VERMONT		DATE	SCALE
SOUTH STREET SIDEWALK AND DRAINAGE IMPROVEMENTS		DATE	SCALE
DONALD L. HAMLIN CONSULTING ENGINEERS, INC.		DATE	SCALE
VERMONT PROFESSIONAL ENGINEER NO. 0680716		DATE	SCALE
SHEET NO. 1		DATE	SCALE

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**South Street
Sidewalk and Drainage Improvements**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement	300	lf	\$ 3.35	\$ 1,005.00
2) Saw Cut Existing Cement Concrete	20	lf	\$ 4.17	\$ 83.40
3) Excavation of Pavement	250	sy	\$ 6.21	\$ 1,552.50
4) Remove Existing Concrete Sidewalk	290	sy	\$ 13.23	\$ 3,836.70
5) New Bituminous Concrete Driveway and Apron	205	sy	\$ 48.34	\$ 9,909.70
6) New Cement Concrete Sidewalk - 4" Thick	215	sy	\$ 67.90	\$ 14,598.50
7) New Cement Concrete Sidewalk - 6" Thick	75	sy	\$ 92.95	\$ 6,971.25
8) 12" HDPE Drainage Pipe	290	lf	\$ 58.51	\$ 16,967.90
9) Connect New Pipe to Existing Structure	2	each	\$ 918.80	\$ 1,837.60
10) Plant Mixed Gravel	150	cy	\$ 35.39	\$ 5,308.50
11) Sand Borrow	150	cy	\$ 26.47	\$ 3,970.50
12) New Bituminous Concrete Pavement - 3" Thick Over Trench	45	sy	\$ 55.47	\$ 2,496.15
13) Supply and Hand Dress Topsoil	100	cy	\$ 39.89	\$ 3,989.00
14) Seed, Fertilize, Lime and Matting	925	sy	\$ 2.88	\$ 2,664.00
15) Mobilization	---	---	5%	\$ 3,759.54
Contingency	---	---	20%	\$ 15,790.05

Subtotal	\$	94,740.28
Design Engineering Services	\$	9,474.03
Bidding and Construction Services	\$	9,474.03
Grand Total	\$	113,688.34

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Lincoln Hall

Sidewalk, Handicap Ramp and Parking Improvements

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 5/1/2016

Primary Project Reason:

Reduce number of accidents with Senior Bus and separate bus and pedestrian traffic from the Village Office's parking lot traffic.

Secondary Project Reason:

Assumptions:

O	Pavement Overlay		
R	Roadway Reconstruction		
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements		
P	Sidewalk Improvements	\$	35,073.01
	Combined Account Costs	\$	35,073.01
	Project Management, Design and Resident Engineering	\$	7,014.60
	Total Project Cost	\$	42,087.61

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

**Lincoln Hall
Sidewalk, Handicap Ramp and Parking Improvements**

Cost Reference Date: 5/1/2017
Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement	100	lf	\$ 3.35	\$ 335.00
2) Saw Cut Existing Cement Concrete	40	lf	\$ 4.17	\$ 166.80
3) Excavation of Pavement	80	sy	\$ 6.21	\$ 496.80
4) Remove Existing Concrete Sidewalk	30	sy	\$ 13.23	\$ 396.90
5) Remove Existing Curb	110	lf	\$ 5.58	\$ 613.80
6) Remove Existing Sign	2	each	\$ 43.11	\$ 86.22
7) Remove Existing Steel Railings	1	ls	\$ 175.00	\$ 175.00
8) New 6" Concrete Curb	110	lf	\$ 28.20	\$ 3,102.00
9) New 8" Concrete Curb	15	lf	\$ 42.30	\$ 634.50
10) Plant Mixed Gravel	75	cy	\$ 35.39	\$ 2,654.25
11) Crushed Stone	25	cy	\$ 64.03	\$ 1,600.75
12) 4' Concrete Wall	40	lf	\$ 94.50	\$ 3,780.00
13) Concrete Sidewalk	25	sy	\$ 92.95	\$ 2,323.75
14) Stamped Colored Concrete	36	sy	\$ 200.00	\$ 7,200.00
15) Hand Railing	60	lf	\$ 49.00	\$ 2,940.00
16) Pavement Sealing	185	sy	\$ 3.27	\$ 604.95
17) New Signs	2	each	\$ 275.00	\$ 550.00
18) Pavement Markings 4" White Stripe	175	lf	\$ 1.00	\$ 175.00
19) Mobilization	---	---	5%	\$ 1,391.79
Contingency	---	---	20%	\$ 5,845.50

Subtotal	\$	35,073.01
Design Engineering Services	\$	3,507.30
Bidding and Construction Services	\$	3,507.30
Grand Total	\$	42,087.61

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Rosewood Lane

Road Reconstruction and Sidewalk Replacement

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Original Capital Plan Date: 11/3/2016

Primary Project Reason:

The existing roadway is subject to severe frost action.

Secondary Project Reason:

Assumptions:

New roadway will have a pavement width of 30' and curb on both sides.

Existing drainage structures will set to new finish grade.

Insulation will be utilized versus underdrain.

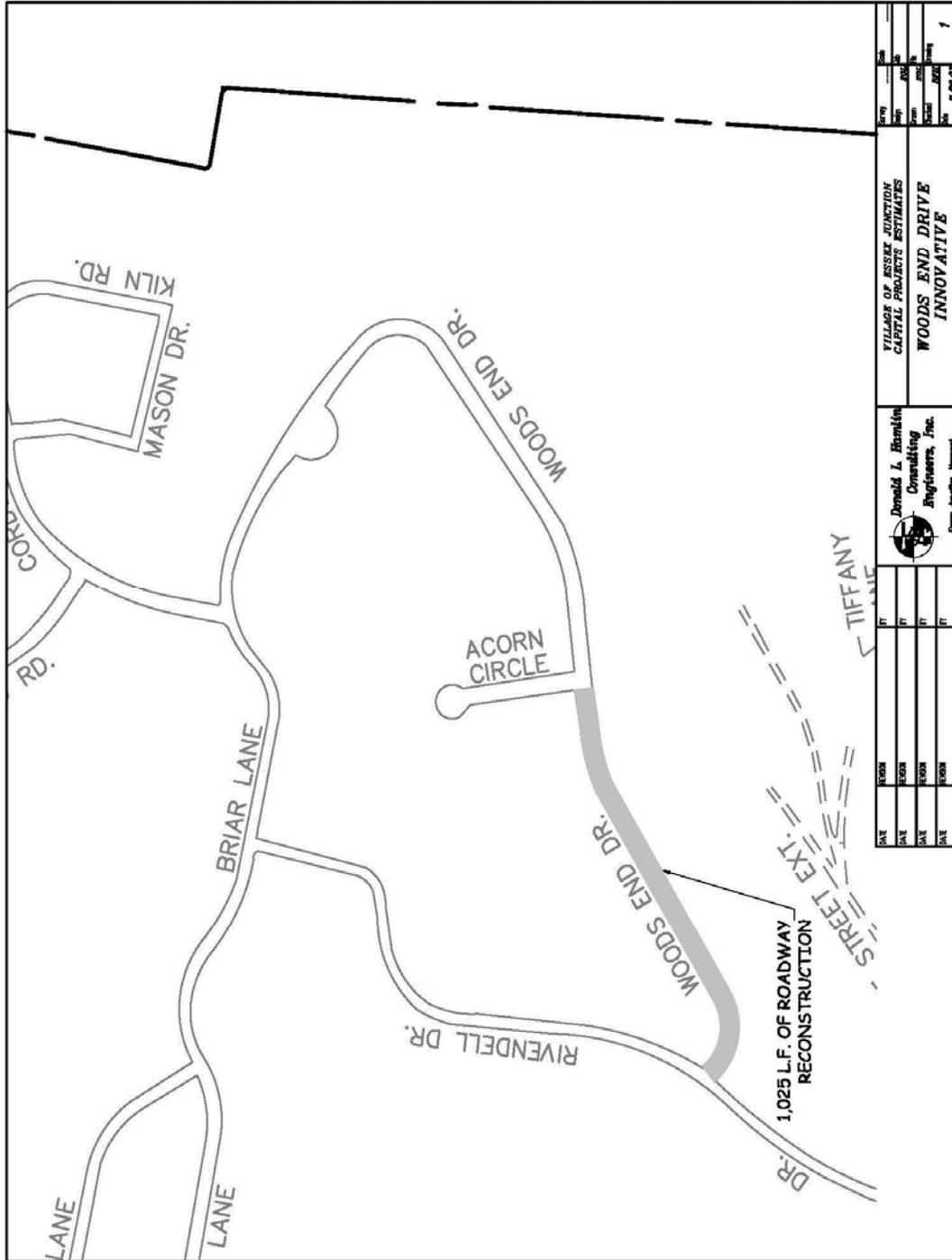
A portion of each residential driveway will be rebuilt to match new roadway.

The existing storm drainage pipe with the zone shall be inspected with a camera.

O	Pavement Overlay	\$	-
R	Roadway Reconstruction	\$	1,028,532.18
W	Waterline Improvements	\$	-
S	Sanitary Sewer Improvements	\$	48,307.70
D	Storm Drainage Improvements	\$	12,912.01
P	Sidewalk Improvements	\$	128,924.87
	Combined Total	\$	1,218,676.75

Cost is based upon 2012 unit prices without ENR Construction Cost Index adjustment.

Village of Essex Junction
 Capital Projects
 Construction Cost Estimate



**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Rosewood Lane

Road Reconstruction and Sidewalk Replacement

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	800	lf	\$ 3.35	\$ 2,680.00
2) Excavation of Pavement 4" to 6" Thick	7,375	sy	\$ 10.19	\$ 75,151.25
3) Remove Existing Concrete Curb	3,875	lf	\$ 5.58	\$ 21,622.50
4) Excavation for New Roadway Subbase	5,850	cy	\$ 21.00	\$ 122,850.00
5) Sand Borrow - 3"	675	cy	\$ 26.47	\$ 17,867.25
6) New 2" Thick Extruded Polystyrene Insulation	119,000	sf	\$ 2.07	\$ 246,330.00
7) Dense Graded Crushed Stone - 18"	3,400	cy	\$ 35.96	\$ 122,264.00
8) Plant Mixed Gravel - 6"	1,150	cy	\$ 35.39	\$ 40,698.50
9) New Bituminous Concrete Pavement - 2", Type II	6,175	sy	\$ 12.37	\$ 76,384.75
10) New Bituminous Concrete Pavement - 1-1/2", Type III	6,200	sy	\$ 9.49	\$ 58,838.00
11) Cold Plane Pavement 12" Strip at Joint	25	sy	\$ 25.32	\$ 633.00
12) New Bituminous Concrete Driveway and Apron	850	sy	\$ 48.34	\$ 41,089.00
13) Remove and Reset Existing Catch Basin Frame and Grate	7	each	\$ 813.33	\$ 5,693.31
14) Remove Existing Manhole Frame and Cover, Replace with New	6	each	\$ 1,101.95	\$ 6,611.70
15) Adjust Existing Gate Valve Box to New Finish Grade	8	each	\$ 203.33	\$ 1,626.64
16) New Cement Concrete Curb	3,900	lf	\$ 28.20	\$ 109,980.00
17) Saw Cut Existing Concrete	40	lf	\$ 4.79	\$ 191.60
18) Remove Existing Sidewalk	1,725	sy	\$ 13.23	\$ 22,821.75
19) New Cement Concrete Sidewalk - 4" Thick	675	sy	\$ 67.90	\$ 45,832.50
20) New Cement Concrete Sidewalk - 6" Thick	400	sy	\$ 92.95	\$ 37,180.00
21) Detectable Warning Surface	4	sy	\$ 310.73	\$ 1,242.92
22) Remove and Reset Existing Sign	10	each	\$ 109.25	\$ 1,092.50

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Rosewood Lane

Road Reconstruction and Sidewalk Replacement

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

ITEM	QUANTITY	UNIT	PRICE	TOTAL
23) Supply and Spread Topsoil	240	cy	\$ 39.89	\$ 9,573.60
24) Seed, Fertilize, Lime and Matting	2,100	sy	\$ 2.88	\$ 6,048.00
25) Traffic Control - Type II	40	day	\$ 690.51	\$ 27,620.40
26) Dust Control - Type II	1	ls	\$ 3,452.57	\$ 3,452.57
27) Mobilization	---	---	5%	\$ 55,268.79
Contingency	---	---	5%	\$ 58,032.23

Subtotal \$ 1,218,676.75
 Design Engineering Services \$ 97,494.14
 Bidding and Construction Services \$ 121,867.68
 Grand Total \$ 1,438,038.57

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Install 8' Wide Pedestrian Bridge over Indian Brook on East Side Main Street

Original Capital Plan Date: 12/9/2016

Primary Project Reason:

Replace existing pedestrian bridge which is failing

Secondary Project Reason:

Provide bicycle/pedestrian bridge on East side of Main Street

Assumptions:

- Existing 5' wide sidewalk will transition to 8' bridge
- New bridge is free standing steel truss bridge
- Existing pedestrian bridge to be removed
- One way traffic maintained on Main Street during construction

O	Pavement Overlay		
R	Roadway Reconstruction		
W	Waterline Improvements		
S	Sanitary Sewer Improvements		
D	Storm Drainage Improvements		
P	Sidewalk Improvements	\$	221,984.94
	Combined Total	\$	221,984.94

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Install 8' Wide Pedestrian Bridge over Indian Brook on East Side Main Street

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1) Saw Cut Existing Pavement 4" Thick	125	lf	\$ 3.35	\$ 418.75
2) Remove Existing Concrete Curb	75	lf	\$ 5.58	\$ 418.50
3) Excavation of Pavement 4" to 6" Thick	20	sy	\$ 10.19	\$ 203.80
4) Remove Existing Concrete Sidewalk	40	sy	\$ 13.23	\$ 529.20
5) Remove Existing Pedestrian Bridge	1	ls	\$ 10,000.00	\$ 10,000.00
6) Steel Sheeting	1,200	sf	\$ 23.00	\$ 27,600.00
7) Wailers	2	ton	\$ 530.00	\$ 1,060.00
8) Concrete Footing	12	lf	\$ 117.00	\$ 1,404.00
9) Concrete Walls	12	lf	\$ 285.00	\$ 3,420.00
10) Excavation and Backfill for Abutments	1	ls	\$ 10,000.00	\$ 10,000.00
11) Anchor Bolts	16	each	\$ 1,200.00	\$ 19,200.00
12) Crane Rental	1	day	\$ 2,800.00	\$ 2,800.00
13) Bridge	1	each	\$ 39,600.00	\$ 39,600.00
14) Type I Rip Rap for Slopes	40	cy	\$ 109.33	\$ 4,373.20
15) Concrete for Bridge Deck	5	cy	\$ 250.00	\$ 1,250.00
16) Sand Borrow	30	cy	\$ 26.47	\$ 794.10
17) Dense Graded Crushed Stone	20	cy	\$ 35.96	\$ 719.20
18) Plant Mixed Gravel	20	cy	\$ 35.39	\$ 707.80
19) New Cement Concrete Curb	75	lf	\$ 28.20	\$ 2,115.00
20) New Cement Concrete Sidewalk - 4" Thick	30	sy	\$ 67.90	\$ 2,037.00
21) New Cement Concrete Sidewalk - 6" Thick	10	sy	\$ 92.95	\$ 929.50
22) New Bituminous Concrete Pavement - 4" Thick Over Trench	5	sy	\$ 65.02	\$ 325.10
23) New Bituminous Concrete Driveway and Apron	5	sy	\$ 48.34	\$ 241.70
24) 4" White Line - Painted	125	lf	\$ 1.07	\$ 133.75
25) 4" Yellow Line - Painted	100	lf	\$ 1.07	\$ 107.00
26) Supply and Spread Topsoil	20	cy	\$ 39.89	\$ 797.80
27) Seed, Fertilize, Lime and Matting	150	sy	\$ 2.88	\$ 432.00
28) Changeable Message Boards	30	day	\$ 258.94	\$ 7,768.20

**Village of Essex Junction
Capital Projects
Construction Cost Estimate**

Main Street

Cost Reference Date: 5/1/2017

Estimate Preparation Date: 5/1/2017

Install 8' Wide Pedestrian Bridge over Indian Brook on East Side Main Street

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
29) 12" Wide Crosswalk Bar - Painted	30	lf	\$ 7.48	\$ 224.40
30) Relocate Existing Utility Pole	1	each	\$ 8,372.49	\$ 8,372.49
31) Traffic Control = Type IV	20	day	\$ 1,381.03	\$ 27,620.60
32) Dust Control - Type III	1	ls	\$ 575.43	\$ 575.43
33) Mobilization	---	---	5%	\$ 8,808.93
Contingency	---	---	20%	\$ 36,997.49

Subtotal	\$	221,984.94
Design Engineering Services	\$	22,198.49
Bidding and Construction Services	\$	22,198.49
Grand Total	\$	266,381.92

MEMORANDUM

TO: Selectboard and Trustees
FROM: Patrick C. Scheidel, Municipal Manager *KS*
DATE: May 22, 2017
SUBJECT: Update on Recruitment

Issue

The issue is to inform the legislative bodies on the recruitment and selection of staff.

Discussion

As you already know, Doug Fisher is retiring effective 7/7/17. To fill his vacancy, I have appointed Greg Duggan as Deputy Town Manager, whose duties will commence in July of 2017. In an effort to provide continuity of departmental work, the recruitment for Greg's position has already commenced and is in its final stages.

Given the retirement of the Town Accountant in August, the recruitment and selection began early for similar reasons of departmental continuity. During the course of this recruitment, the opportunity to develop a succession plan for the Finance Director, as well as obtain the services of a highly qualified individual, allowed us to fill the position by upgrading it to Assistant Finance Director.

This individual, Sara Macy, will commence work in mid-July, allowing for a couple of weeks of overlap with the retiring Accountant. Sara Macy has been Finance Director of St. Albans City and Milton. She is currently Acting Town Manager in Milton as well.

The creation of the Assistant Finance Director job description represents a slight increase of the duties of the Town Accountant and add formal duties of direct departmental supervision when the department head is not available.

Recommendation

This memo is for information only and is prepared in light of the fact that two job offers have been extended and accepted, and we are in the process of final interviews for the Planner position.



RECEPTION: Early Tuesday & Wednesday mornings VPR 107.9 will be Off The Air for maintenance.
(http://digital.vpr.net/post/reception-notes-vpr-1079-wvps-vpr-classical-1069-woodstock)

[VPR News \(/programs/vpr-news\)](/programs/vpr-news)

Inspired By French Tradition, Essex Junction Residents Plan Event To Celebrate Neighbors

By [AMY KOLB NOYES \(/PEOPLE/AMY-KOLB-NOYES\)](/PEOPLE/AMY-KOLB-NOYES) • MAY 20, 2017

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(http://mediad.publicbroadcasting.net/p/vpr/files/styles/x_large/public/201705/Stephanie-Teleen-vpr-alfnjohnson-20170518_0.jpg)

Stephanie Teleen experienced Neighbors Day for the first time a few years ago when her family was living in France. Now, she's brought it back to Essex Junction, with hopes of expanding it to the rest of the state next year.

EMILY ALFIN JOHNSON / VPR

Listen

4:28

Neighbors Day may be the most popular spring celebration you've never heard of. It's a (relatively new) French tradition that spread across Europe and is now celebrated in countries all over the world. Just, not so much in the United States. But some Essex Junction residents are changing that.

"Essex Junction, first of all, is very excited to be the first community in Vermont to celebrate Neighbors Day (<http://www.european-neighbours-day.com/>)," says Darby Mayville, community relations and economic development assistant for the village of Essex Junction. "It's been celebrated throughout the world, but it hasn't quite gotten down to the U.S. yet. And it's an experience for people to talk to those who are most local to them, whoever they consider their neighbors."

Mayville says 'gotten down to the U.S.' because the tradition has already caught on north of the border.

"Actually they have a huge event up in Quebec," says Stephanie Teleen. "They started, I think, with ten sites and now it's several hundred thousand people that are coming out to the Neighbors Day in Canada."

Teleen is the person responsible for bringing Neighbors Day to Essex Junction. We met up with her at the village's Maple Street Park. Teleen lives in Essex Junction now, but she first experienced Neighbors Day when she was living outside of Paris. And now, she's spearheading the effort in Vermont.

"It's just an opportunity to try to meet your neighbors and be more welcoming, be more familiar with the people that live around you," she explains.

Teleen says while that basic concept is the same for Neighbors Day celebrations around the world, it can look very different depending where you are.

Around Paris, they drink wine in the streets on a Friday afternoon. In Quebec, she says, there's more of a family block party atmosphere with balloons and lawn games. And in many places, it's whatever individual groups of neighbors decide make of it. And that's how Essex Junction is doing Neighbors Day.

"I think, really, whatever the makeup of the community and whomever's planning it - it just is what it is for that community," she says. "I think that's the beauty of it. There's not one right way to do it. It's really a free-for-all based on who's planning it."

Neighbors Day Essex Junction is being coordinated through a Facebook page (<https://www.facebook.com/search/top/?q=neighbors%20day%20-%20essex%20junction>) where organizers are keeping track of events happening on June 3 in the various neighborhoods. Teleen says about 10 neighborhoods in Essex Junction have registered events so far.



Neighbors Day 2017 Essex Junction

<http://mediad.publicbroadcasting.net/p/vpr/files/style/day-logo-courtesy-20170519.png>

The group is coordinating the celebration through a Facebook group, with Essex Junction residents volunteering to host a variety of events for those in their neighborhood.

CREDIT COURTESY



http://mediad.publicbroadcasting.net/p/vpr/files/styles/x_large/public/201705/Darby-Mayville-EssexJunction-vpr-noyes-20170518.jpeg

Darby Mayville, who works for the village of Essex Junction, says the town is thrilled to be the first in Vermont to celebrate Neighbors Day.

CREDIT AMY KOLB NOYES / VPR

"The senior center in town is planning an ice cream social, and they're inviting all the local business people from that area because they're right located downtown in Essex Junction," she offers as an example. "Another neighbor is planning an apple pie event. She's making pie for her entire street. We have somebody else who's doing an event on the floor of their apartment building."

While Neighbors Day is a celebration, Teleen says it grew out of a sad occurrence.

"It was started in France in 1999 because the mayor, or kind of the leader of the arrondissement, one of the neighborhoods outside of Paris, had a constituent die in her apartment and nobody noticed for months," Teleen says. "And so he felt like there was something lost in his community because people were not aware of the death of this elderly woman."

And, she says, that first Neighbors Day was an instant hit: "It was so popular that one year, that the whole city of Paris did it the next year."

And then the idea jumped international borders.

"So I'm kind of wondering, 'Why have we not gotten on this a little bit earlier?' But maybe it's just that everybody thinks it's a good idea but nobody ever does anything. So, now it's us, and we're going to do it." – Stephanie Teleen, on bringing Neighbors Day to the U.S.

"From France, it spread all across Europe," she explains. "It went to Belgium next. And then I just read online the other day that it's now being celebrated in China, which is remarkable. So I'm kind of wondering, 'Why have we not gotten on this a little bit earlier?' But maybe it's just that everybody thinks it's a good idea but nobody ever does anything. So, now it's us, and we're going to do it."

And Teleen isn't stopping with Essex Junction. Next year, she hopes to see Neighbors Day celebrated across Vermont on the first Saturday in June.

"It's such a good idea and it's really simple," says Teleen. "And I think that it would be amazing for Vermont to be the first place where this is really a priority. Or at least something on the calendar that you can look forward to every year, and it turns into as big an event as it is pretty much everywhere else in the world."

Teleen says it would be great to have an official proclamation declaring Neighbors Day throughout Vermont next year. But, more importantly, she'd like to see get-togethers happening in neighborhoods around the state.

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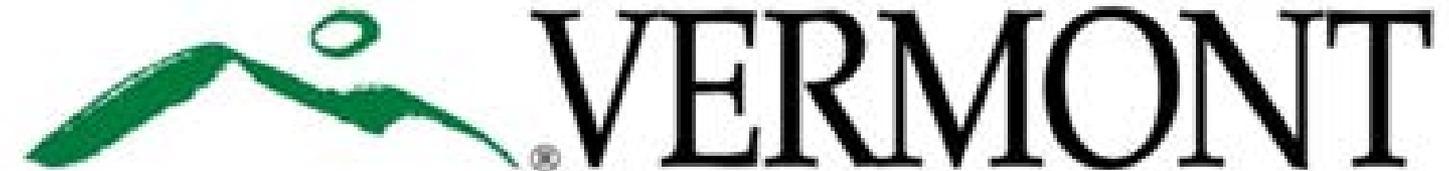
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[subject=Inspired%20By%20French%20Tradition%2C%20Essex%20Junction%20Residents%20Plan%20Event%20To%20Celebrate%20](mailto:)



TAX INCREMENT FINANCING DISTRICTS



VERMONT ECONOMIC PROGRESS COUNCIL

Tax Increment Financing Districts

Overview of Presentation

- **Acronyms**
- **What is a TIF District**
- **What is the Purpose of a TIF District**
- **When is TIF the correct financing tool**
- **Elements Required for Success**
- **How is a TIF District Created**
- **How is a TIF District Approved by State**
- **What does VEPC consider**
- **Approval Criteria**
- **Approval Limitations**
- **Miscellaneous**
- **TIF Timeline**
- **Active TIF Districts**



Tax Increment Financing District

Acronyms

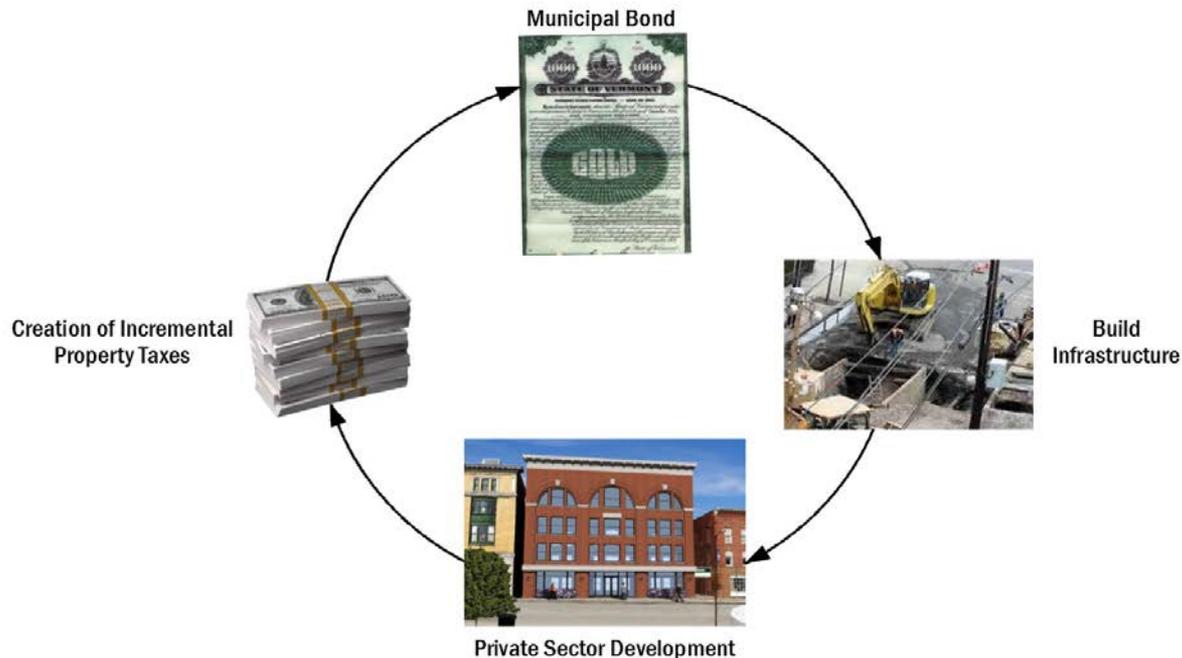
- EPT: Education Property Tax
- MLB: Municipal Legislative Body
- Designated DT, VC, NTC, GC, NDA: Downtown, Village Center, New Town Center, Growth Center, Neighborhood Development Area
- GLY: Grand List Year
- OTV: Original Taxable Value (or base value)

Tax Increment Financing District

What is a TIF District?

Financially:

- A financing tool to build public infrastructure required to encourage private development, which generates the revenue to service the infrastructure debt.



Tax Increment Financing District

What is a TIF District?

Geographically:

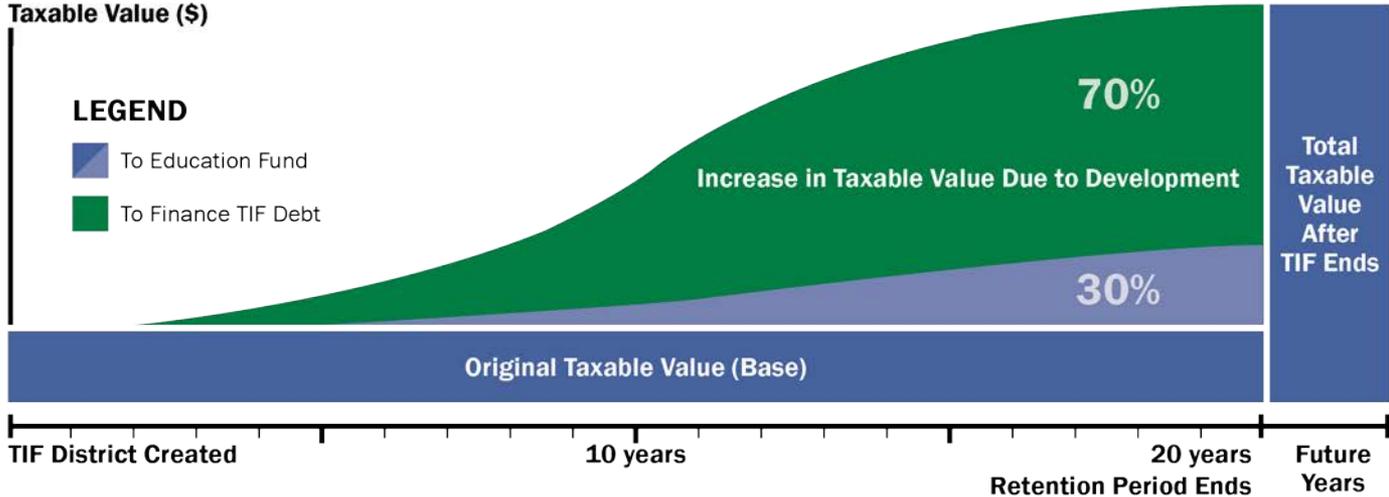
- A district, designated by a municipality, where the municipality wants to encourage private sector development, and public infrastructure is required for the private investment to occur.



Tax Increment Financing District

TIF DISTRICT CONCEPT

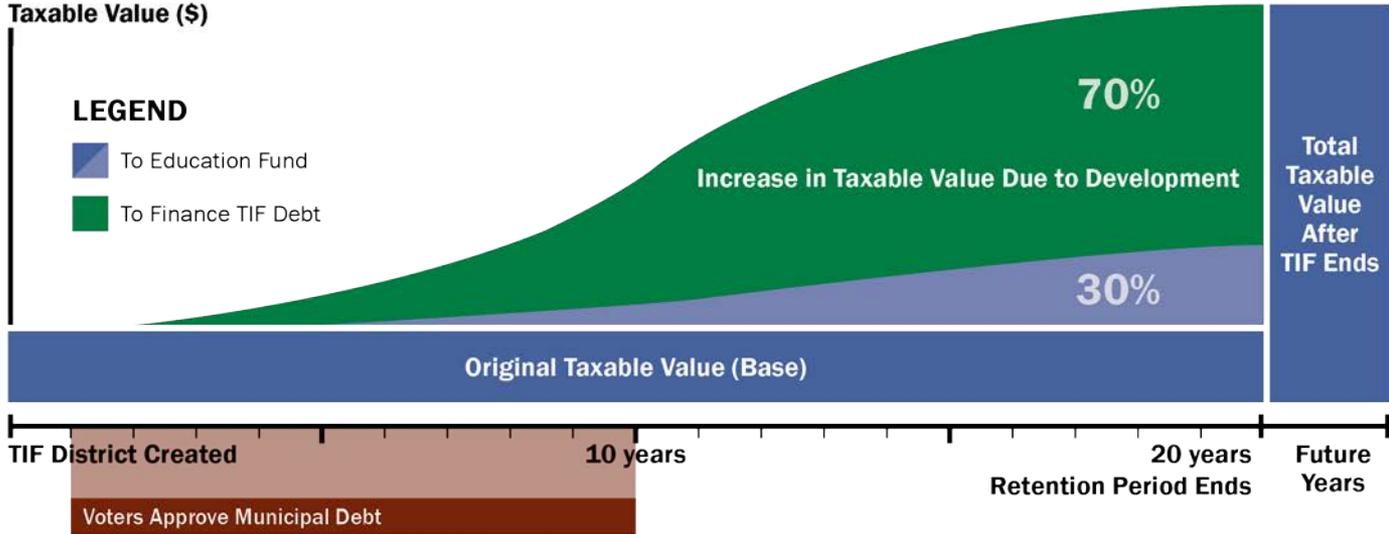
Tax Increment Financing: Timeline and Revenue Distribution



Tax Increment Financing District

TIF DISTRICT CONCEPT

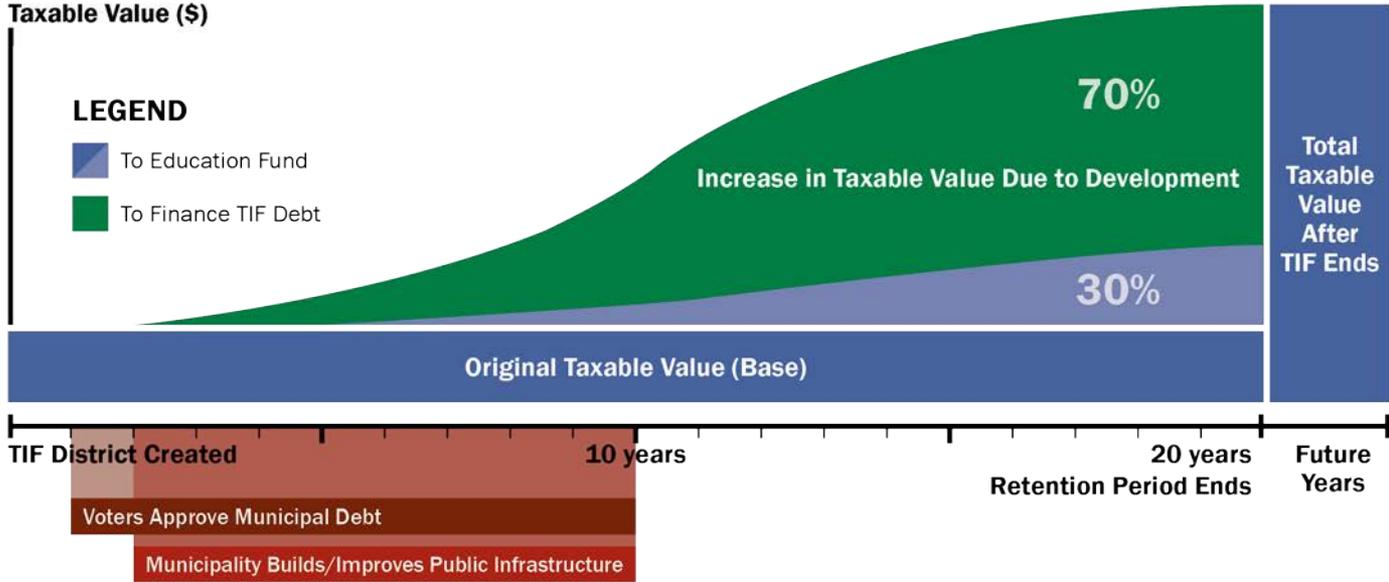
Tax Increment Financing: Timeline and Revenue Distribution



Tax Increment Financing District

TIF DISTRICT CONCEPT

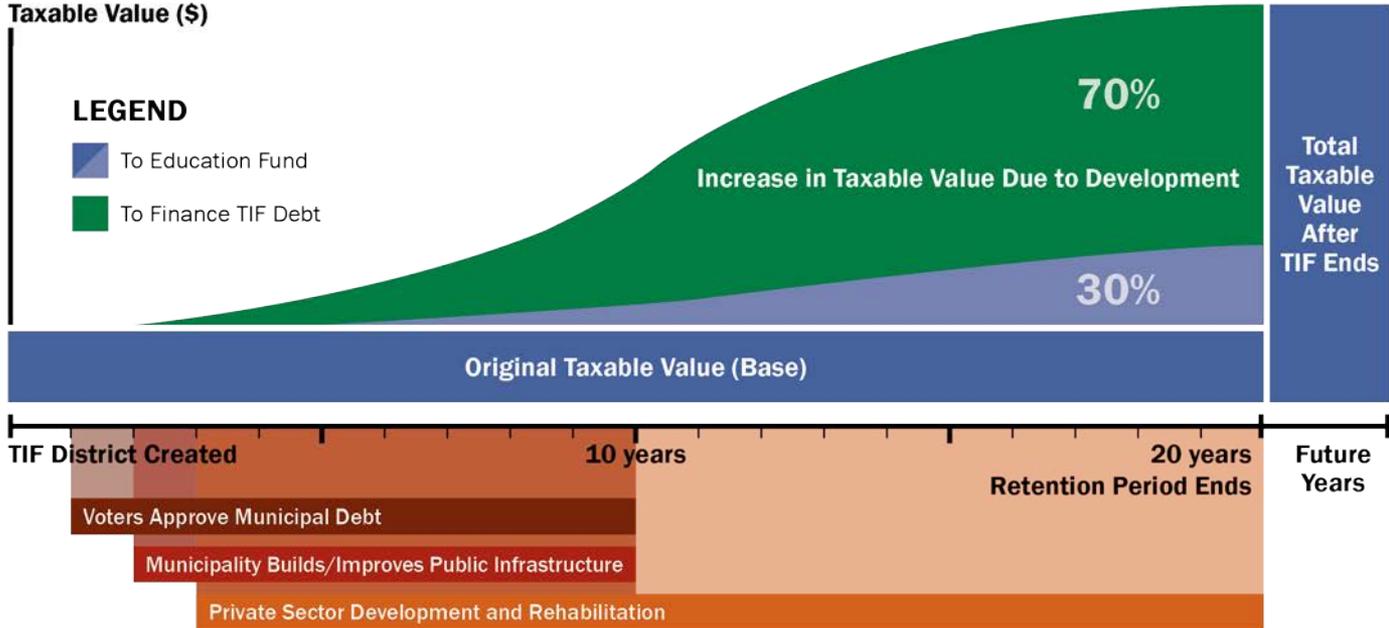
Tax Increment Financing: Timeline and Revenue Distribution



Tax Increment Financing District

TIF DISTRICT CONCEPT

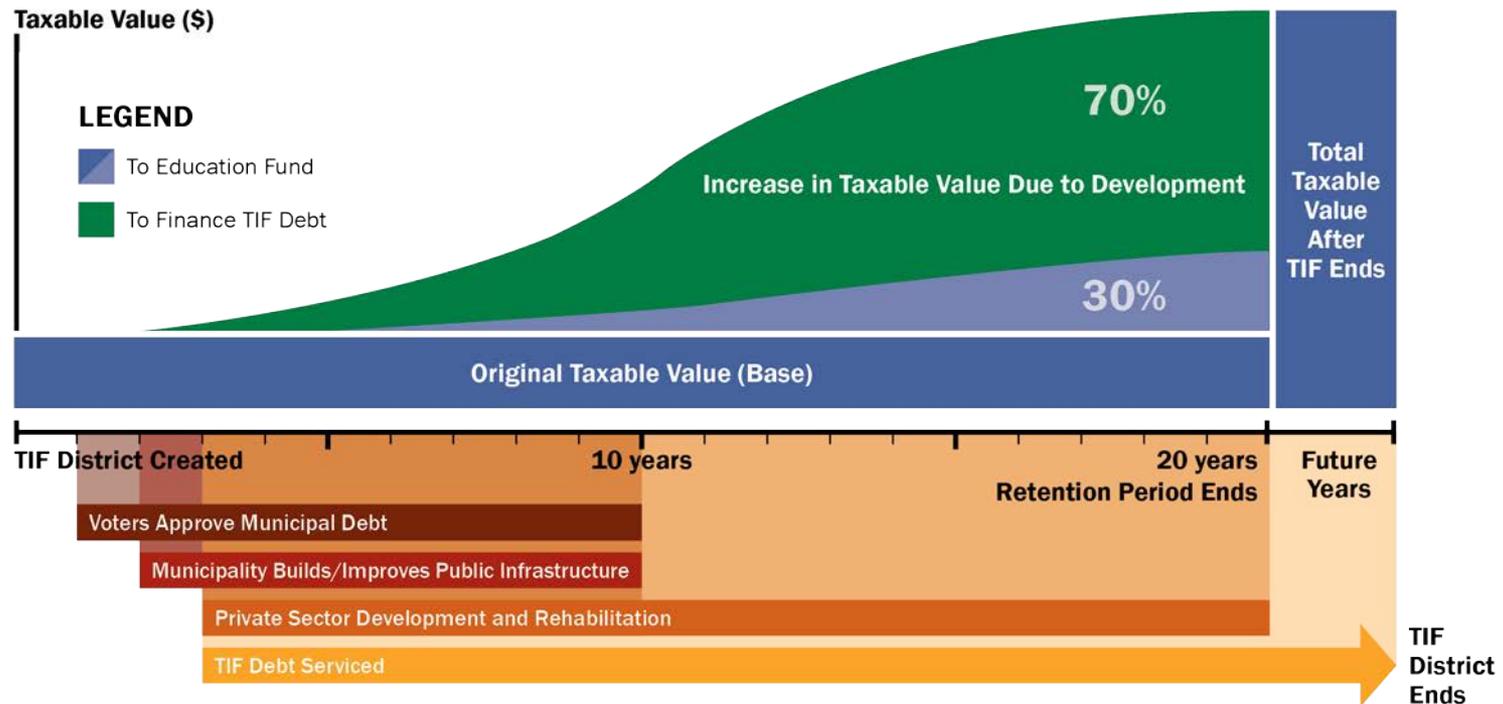
Tax Increment Financing: Timeline and Revenue Distribution



Tax Increment Financing District

TIF DISTRICT CONCEPT

Tax Increment Financing: Timeline and Revenue Distribution



Tax Increment Financing District

What is the Purpose of TIF Districts

- Generally: To provide revenue, beyond normal municipal budgets and existing debt capacity, to develop public infrastructure that will encourage private sector development and/or redevelopment.
- Statute specifically requires:
 - Infrastructure improvements must serve the TIF District and stimulate private sector development or re-development;
 - Development must provide employment opportunities;
 - Development must improve and broaden the tax base; and
 - Development must enhance economic vitality of the municipality, region or state.



Tax Increment Financing District

When is TIF the appropriate financing tool?

- Substantial real property development is required to improve economic viability of community/region
- Substantial public infrastructure is required to ensure real property development
- Cost of public infrastructure is beyond municipality's budgetary and debt capacity
- Real property development will generate adequate incremental property tax revenue to service debt
- Outcome will meet statutory purposes and criteria:
 - Stimulate development
 - Provide employment opportunities
 - Improve/Broaden tax base
 - Enhance general economic vitality of municipality, region, state
 - Meet Need, Affordable Housing, Brownfields, Business Development, and/or Transportation Enhancement Outcomes (3 of 5)



Tax Increment Financing District

ELEMENTS REQUIRED FOR SUCCESS

- There are parties interested in developing the real property within the District if the infrastructure is built/improved.
- Commitment of municipality to champion project through process.
- Capacity to track and implement TIF District



Tax Increment Financing Districts

How is a TIF District Created?

- Pre-Plan Activities
- Municipality develops TIF District Plan and Finance Plan
- Municipal Legislative Body (MLB) Adopts Plan
 - Public Notice of and public hearing on TIF District Plan
 - MLB Finding of Purpose
 - MLB vote to adopt TIF District Plan and create TIF District
 - MLB pledge of Municipal Increment (85%)
 - Plan recorded by town clerk
- Designate coordinating agency (if desired)
- Adoption starts TIF Clock to incur debt (5 Years)



Tax Increment Financing District

How is a TIF District Approved by State

- Meet with VEPC staff
- Submit Letter of Intent to file (60 days)
- File Application (By first Friday of month)
- TIF District Plan/Application considered by VEPC
 - 3-4 VEPC Board meetings/months
 - Visit to municipality; Tour proposed District; Public comments
 - Presentation by Municipality
 - Analysis of application and data
- TIF District Financing Plan considered by VEPC
 - Concurrent or Separate

Tax Increment Financing District

What is VEPC Considering?

- **Not** creation of TIF District
- Authorizing municipality to utilize incremental Education Property Tax revenue to finance TIF District debt
- Does District/application must meet statutory criteria: But For, Location, Process, Project
- Is District financially viable (Revenue to debt ratio)
- Share of Education Property Tax Revenue – not more than 70% of increment
- Does District have market viability
- Is there Nexus between infrastructure, development, and parcels
- Set Proportionality for infrastructure projects



Tax Increment Financing District

Approval Criteria

Purpose: Does the TIF District meet statutory purpose

Need/But For Criteria: Is TIF required to finance infrastructure and get private development? Specifically VEPC must determine that the infrastructure improvements proposed to serve the District and the proposed development in the District would not have occurred as proposed or would have occurred in a significantly different and less desirable manner than proposed but for the utilization of the incremental tax revenues. The review takes into account:

- (A) the **amount of additional time**, if any, needed to complete the proposed development within the tax increment district and the amount of additional cost that might be incurred if the project were to proceed without education property tax increment financing;
- (B) **how** the proposed **development components and size would differ**, if at all, including, if applicable to the development, in the number of affordable housing, without education property tax increment financing; and
- (C) the amount of **additional revenue expected** to be generated as a result of the proposed development; the percentage of that revenue that shall be paid to the education fund; the percentage that shall be paid to the municipality; and the percentage of the revenue paid to the municipality that shall be used to pay financing incurred for development of the tax increment financing district.

Tax Increment Financing District

Approval Criteria (cont.)

Process Criteria (must meet all)

- Development of full TIF plan;
- Properly warned public hearings and creation of District by MLB;
- Pledge of 85% of incremental municipal revenues; and
- Compatibility with local and regional plan and clear local and regional significance for employment, housing and transportation improvements.

Location Criteria (must meet **two** of three)

- Development will be compact and high density **or** located in or near existing industrial areas; or
- TIF District is ***within*** GC, DDT, DVC, NTC, NDA; or
- Development will occur in an economically distressed area, which means the TIF is within a municipality that for the year of application has:
 - A median family income at 80% or lower of statewide median;
 - An average unemployment rate at least one percent greater than statewide average; or
 - A median sales price for residential properties at 80% or lower of statewide median.

Tax Increment Financing District

Approval Criteria (Cont.)

Project Criteria (Must meet three of five)

- **Need:** Requires substantial public investment over and above normal municipal operating or bonded debt.
- **Affordable Housing:** Private development includes new or rehabilitated affordable housing as defined by 24 VSA 4303.
- **“Brownfields:”** Infrastructure improvements or private development will result in brownfield remediation/redevelopment, which means:
 - A hazardous substance, pollutant, or contaminant is or may be present; and
 - Situation *is likely* to complicate development.
- At least one entirely **new business or a business expansion:**
 - New business must be from outside Vermont.
 - Will create new, quality jobs that meet or exceed prevailing wage for region.
- The Development will **enhance transportation**, meaning:
 - Improved traffic patterns and flow; or
 - Create or improve public transportation systems.

Tax Increment Financing District

Approval Criteria (Cont.)

Nexus: Infrastructure can be located anywhere, but...

- Must be a linkage, connection, impact on the real property development that is expected to occur.
- Real property development expected in District must be somehow caused by/reliant on the projected public infrastructure.
- Parcels included must have nexus to infrastructure or have development potential.

Proportionality

- Proposed by applicant for each infrastructure project
- VEPC will use actual data, if available, or
- “Rational” formula, based on
 - Subjective descriptors
 - Data analysis



Tax Increment Financing District

Approval Criteria (Cont.)

Financial Feasibility:

- Analysis of infrastructure cost and debt assumptions, real property development and property tax revenue generation assumptions.
- Availability of other sources of revenue.
- Analysis of ability to service debt.

Share of Education Property Tax Increment:

- No more than 70% can go to service TIF debt/related costs
- VEPC does not assume 70% is required
- Financial analysis will determine share

Market Viability:

- Analysis of existing stock and marketability and absorption of proposed development.
- Availability of market studies.

TIF District Financing Plan:

- Approved concurrent with TIF Plan or after approval
- Must be approved by VEPC *before* municipality seeks first public vote on debt
- Details debt instruments, rates, terms, and debt schedule



Tax Increment Financing District

Approval Limitations

- **No more than six new Districts**
 - No municipality with an existing District can apply for a new one until debt retired.
 - If the cap is met and VEPC receives an application that “would otherwise qualify,” VEPC shall present the application to the Emergency Board, who may “in its discretion,” increase the cap.
- **No more than 2 per county**
 - Existing Districts do not count against county
 - If a County has one approved new TIF and VEPC receives 2 applications at once for that county, VEPC shall approve the application that, in its discretion, “best meets the economic development needs of the county.”
- **If a municipality with a new District does not proceed or does not incur debt, another District can be approved in its place**
- **General Assembly must authorize VEPC to approve more Districts beyond six, subject to reporting and determination of “amount of new long-term debt that prudently may be authorized.”**



Tax Increment Financing District

Miscellaneous

- Impacts on Increment:
 - Developing Non-Taxable properties
 - Temporarily eliminating taxable property
- Distribution of excess revenue; 10 Year review of share
- Related costs
- Application Fee – Third Party Analysis
- Coordinating Agency
- Reporting
- Debt Instruments allowed
- Cap and Queue

Tax Increment Financing District Tax Revenue Split Example

ORIGINAL TAXABLE VALUE (BASE):

\$10,000,000 X Municipal Tax Rate \$0.8410
 \$8,000,000 X NR Education Tax Rate \$1.4027
 \$2,000,000 X HS Education Tax Rate \$1.3173

INCREMENT:

Municipal Grand List Value
 Increase in Municipal Value: \$15,000,000-\$10,000,000
 Municipal Increment: \$5,000,000 X 0.8557
 \$42,785 X 75%
 \$42,785 X 25%

Education Grand List Value
 Increase in Education Grand List Value
 Non-Residential Increase in Value
 Homestead Increase in Value
 Education Increment:

NR = \$4,000,000 X 1.5442

HS = \$1,000,000 X 1.4413

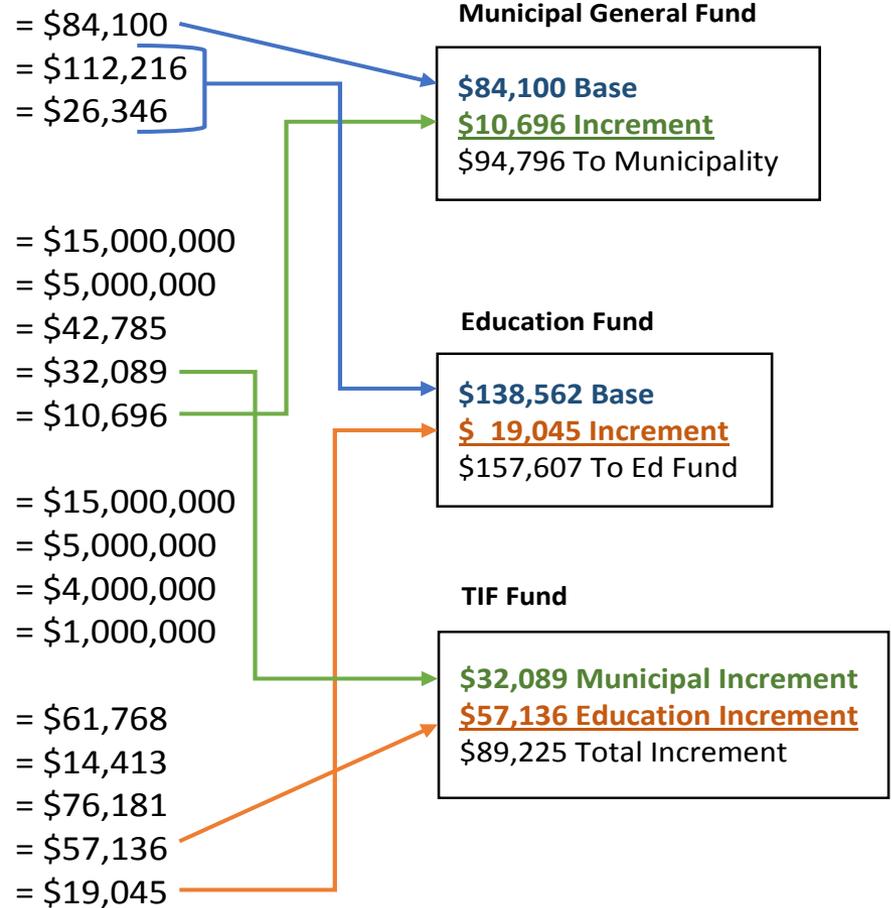
Total

\$76,181 X 75%

\$76,181 X 25%

ASSUMES:

- Increase in base value of \$5,000,000
- Split of increment at 75%/25% upon approval





Tax Increment Financing District

Timelines

- **Pre-Plan:** 3-8 months
- **Local Adoption:**
 - Must allow for public notice/hearing
 - District is created as of April 1 of year voted by MLB
 - OTV is established as of April 1 of calendar year voted
 - Municipality can incur debt against anticipated property tax revenues any time for up to 10 years starting that April 1
 - Must incur debt within 5 years after creation
 - If no debt is incurred within 5 years of creation, must seek VEPC re-approval of TIF District Plan and TIF Financing Plan
 - Any indebtedness incurred during this 10 years can be retired over any period authorized by MLB
 - District exists until all TIF debt is retired
- **State Approval of TIF District Plan:** 2-4 months
- **State Approval of TIF District Financing Plan:** 2 months

Tax Increment Financing District

Timelines (cont.)

- **Debt Period**

- First debt must be incurred within five years of creation
- All debt must be incurred within 10 years
- All debt, regardless of type, must get voter approval
- Voter approval does not equal “incurred.”

- **Education Property Tax Retention Period**

- 20 Years, starting with Education Grand List for calendar year during which first debt is incurred
- Any increment occurring between date of creation and GLY of first debt goes 100% to Education Fund and Municipal General Fund
- **Only** debt incurred within 10 years of creation may be retired using EPT revenues

- **Municipal Property Tax Retention period**

- Begins with first year and continues as approved by municipality

Tax Increment Financing District

Active TIF Districts

- Burlington Waterfront
- Milton North/South
- Winooski Downtown
- Milton Town Core
- Burlington Downtown
- Hartford Downtown
- Barre City Downtown
- St Albans City Downtown
- South Burlington New Town Center

MEMORANDUM

TO: Village Trustees
FROM: Julie Miller-Johnson
DATE: May 19, 2017
SUBJECT: steAmfest start-up funds

Issue

SteAmfest is seeking financial sponsorship of the Village-wide event meant to be a unifying, spirited, economic engine for the Village and the Town, by bringing people out to the streets and into the Village from points beyond to experience a first-ever arts-festival in the Village. The event will be September 29 & 30, 2017. SteAmfest is an arts & economic development project of the Essex Hub, a center for women and business, operating from the Excelerate Essex building. Planning and organizing of the festival is under the direction of Julie Miller-Johnson; artistic leadership and strategy is under the direction of Kristin Humbargar, owner of The Essex Hub.

Discussion

This event is planned to be the first annual event for the Village. We want to do it well and far exceed expectations. We are seeking corporate and media sponsors to offset 55% of expenses and anticipate another 13% from artist, exhibition, and vendor fees. The remaining 32% we are asking for public support in both start-up funds and in-kind services. The start-up costs include web design, postage & printing costs for sponsorship campaign, printing of flyers for schools, and the Maker Faire preliminary contract fee.

Cost

\$5,000 - Vermont Maker Faire
\$1,500 - Advertising
\$1,000 - Poster design/printing
\$1,000 - Rentals (chairs, power supply, a/v)
\$ 750 - Web design and back-end forms design
\$ 750 - Lighting
\$ 700 - Materials (makerspace & unity community project)
\$ 500 - Speaker fees
\$ 500 - Signage
\$ 300 - Postage & Paper

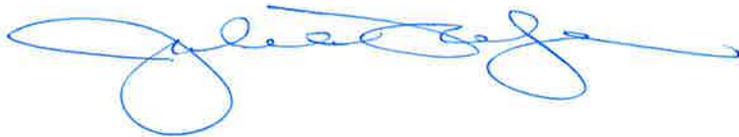
=====

\$12,000 - Total Projected Cost

Recommendation

With a start-up sponsorship contribution of \$4000 by the Village, we will be able to pay for these items needed to seek sponsorships, commit to the Maker Faire, and pay for web design services.

In addition, steAmfest is seeking nominal in-kind support from Village staff for the purpose of assisting with local business relationships, phone calls, and coordination of resources leading up to and during the event. At most, this would be 1-2 hours/week sporadically until the festival time. Village staff would not be used for any fundraising efforts whatsoever.

A handwritten signature in blue ink, appearing to read "J. [unclear]". The signature is fluid and cursive, with a long horizontal stroke extending to the right.



2 Lincoln Street
Essex Junction, VT 05452
www.essexjunction.org

MEMORANDUM

TO: Village Trustees and Patrick Scheidel, Village Manager
FROM: Lauren Morrisseau, Finance Director *LM*
DATE: May 23, 2017
SUBJECT: Adoption of Revised FYE18 Capital Plan

Issue:

The issue is whether or not the Trustees will readopt the FYE18 Capital Plan as revised.

Discussion:

The cost lower than expected cost of the Hillcrest Sidewalk project scheduled for FYE18 has resulted in an additional amount available for projects of \$224,000. The Village Capital Program Review Committee is recommending that the South St. Drainage project that was scheduled for FYE19 in the currently adopted Capital Plan be rescheduled to FYE18. This project will help reduce flooding of South Street residences during major rain storm events. The estimated cost of this project is \$113,688.

In addition, the Village Municipal Manager would like to recommend to the Trustees that the Lincoln Hall Sidewalk, Handicap Ramp and Parking Improvements be added to the FYE18 Capital Plan. This project will reduce the number of accidents with the Senior Bus and separate bus and pedestrian traffic from the Village Office's parking lot traffic. The estimated cost of this project is \$42,088.

The revised Capital Plan also includes the cost of \$21,791 for amounts spent on the \$3.3 million bond projects that were not covered by bond money.

Cost:

The Village Capital Reserve total is reduced by \$162,384 for the periods of FYE18 and FYE19. The change to the Capital Plan due to the moving of South St. Drainage from FYE19 to FYE18 is a reduction of \$2,383. The cost for adding the Lincoln Hall parking lot project is \$42,088. The combination of the reduction to South St. Drainage cost and the addition of Lincoln Hall parking lot project is \$39,705.

Recommendation:

Staff recommends the Trustees approved the revised FYE18 Capital Plan as presented with the shift of the South St. Drainage project from FYE19 to FYE18, the addition of the Lincoln Hall Parking Lot project, and the payment of the uncovered costs of the bond projects.

Calculation of Change to Capital Plan May 2017

	As approved Feb 2017		As revised May 2017	
	FYE18	FYE19 FYE18 & FYE19	FYE18	FYE19 FYE18 & FYE19
Woods End Reconstruction				
Library Surveillance Cameras				
Railroad Ave. Waterline So. of Lincoln Pl. to Central Ave.		95,430	95,430	95,430
Brownell Library Main Floor & Stairs Carpet Replacement				
Hillcrest Sidewalk Imp from Pearl to Fleming School	449,394	449,394	225,514	225,514
Lincoln Hall Restorator				
Greenwood Ave. Drainage Course Improvements	41,026	41,026	41,026	41,026
Algonquin Ave. Waterline Installation/Roadway Reconst.				
West St. & West St. Ext. Intersection Improvements		110,249	113,688	110,249
South St. Drainage		116,071		
Pearl Sidewalk West St. to Susie Wilson				
Central St. Waterline Lincoln St. to Main St. (FY22)				
Lincoln Hall Parking Lot			42,088	42,088
Brownell Library Asphalt Shingle Roofs replace (FY23)			21,791	21,791
Briar Lane Sidewalk not paid by Bond				
Paving				
Totals	490,420	321,750	444,107	205,679
		812,170		649,786

Difference between As Approved Feb 2017 and As Revised May 2017 (162,384)

GENERAL FUND CAPITAL RESERVE PLAN

PROJECTS FUNDED BY VILLAGE \$ ONLY		Rev.	GENERAL FUND CAPITAL RESERVE PLAN									
Ref. #			Project Total	Prior	FY15	FY16	FY17	FY18	FY19	FY20	Future	
	Woods End Reconstruction		589,215	-38,858	149,080	1,257						
	Library Surveillance Cameras		12,599		12,599							
	Railroad Ave. Waterline So. of Lincoln Pl. to Central Ave.	W	102,718		7,288				95,430			
	Brownell Library Main Floor & Stairs Carpet Replacement		41,628			29,628	12,000					
	Hillicrest Sidewalk Imp from Pearl to Fleming School		264,423				38,909	225,514				
	Lincoln Hall Restoration		401,187		44,365	356,822						
	Greenwood Ave. Drainage Course Improvements		41,026					41,026			191,765	
	Algonquin Ave. Waterline Installation/Roadway Reconstr.	W	191,765									
	West St. & West St. Ext. Intersection Improvements		100,616					113,688	100,616			
	South St. Drainage		0									
	Pearl Sidewalk West St. to Susie Wilson		780,239								780,239	
	Central St. Waterline Lincoln St. to Main St. (FY22)	W,S	919,303					42,088			919,303	
	Lincoln Hall Parking Lot											
	Brownell Library Asphalt Shingle Roofs replace (FY23)		45,228								45,228	
	Brier Lane Sidewalk not paid by Bond							21,791				
	Paving											
	Totals Project Funded by Village \$ Only		482,553	125,030	150,358	207,195	50,909	444,107	196,046	0	1,936,536	
	PROJECTS FUNDED BY GRANTS											
	Main St. Pedestrian Bridge	1	263,875					263,875				
	Virans Structures Grant		(139,000)									
	Main St. Pedestrian Bridge Net Cost to Village		124,875									
	Main St. Sidewalk Scoping Study	2	24,742		6,538	16,204						
	Fed & State Grants		(24,742)									
	Main St. Sidewalk Scoping Study Net Cost to Village		0									
	Main St. New Sidewalk & Lighting Bridge to Crestview West Side	3	282,897						282,897			
	Fed & State Grants		(226,318)									
	Main St. Sidewalk & Lighting Net Cost to Village		56,579									
	Crescent Connector Park St. to Main St.		4,592,000		258,831	99,178	1,000,000	2,749,332				
	Fed & State Grants	4	(4,500,000)									
	Crescent Connector Net Cost to Village		92,000									
	Multituse Path North		544,992		25,601	17,129	434,118					
	Federal & State Grants through CCRPC & Virans	5	(389,835)		68,144							
	Multituse Path North Net Cost to Village		155,157									
	Pearl St. Missing Link Project		2,150,000		75,214	46,856	2,027,180					
	Federal & State Grants through CCRPC & Virans	6	(2,120,000)									
	Pearl St. Missing Link Net Cost to Village		30,000									
	Totals Project Funded by Grants Awarded					179,367	3,461,298	3,013,207	282,897		0	
	Total Cost of all Projects Funded by Village \$ Only and Grants				774,269	3,512,207	3,457,314	478,943	0	1,936,536		

GENERAL FUND CAPITAL RESERVE FUNDING & FUND BALANCE

	Prior	FY15	FY16	FY17	FY18	FY19	FY20	Future
Beginning Fund Balance				182,922	280,762	94,621	174,746	
Planned Spending			(774,269)	(3,512,207)	(3,457,314)	(4,78,943)	0	
Funding Sources								
1	150,000							
2	24,742	8,342	16,400					
3	226,318							
4	4,500,000	250,811	89,209	1,000,000	2,714,590	226,318		
5	389,835	12,058	15,660	315,425				
6	2,120,000	56,984	58,354	2,004,662				
CVE Annual Contribution	75,000	15,000	15,000	15,000	15,000	15,000		
Transfer in of Fund Balance		75,000	75,000	96,000	96,000			
General Fund Transfer In	391,427	410,999	441,824	274,960	295,582	317,751	341,582	
Total Revenues			711,447	3,610,047	3,271,172	559,069	341,582	
Ending Fund Balance				280,762	94,621	174,746	516,328	

W, S - The project involves water line or sanitary sewer line work in addition to street/sidewalk work. Additional funds have been set aside in the Water and or Sanitation Capital Reserve for the water line or sanitary sewer line work.



TO: Village Trustees and Pat Scheidel, Municipal Manager
FROM: Nick Meyer, Chair of the Tree Advisory Committee NM
DATE: May 15, 2017
RE: Arbor Day Proclamation

Issue

The issue is whether or not the Trustees should issue a proclamation declaring May 5, 2017 Arbor Day in the Village of Essex Junction.

Discussion

In order to maintain the Village's status as a Tree City USA, an official Arbor Day proclamation must be signed each year. This year, the Village Tree Advisory celebrated Arbor Day by planting trees outside of Essex High School. The students in the CTE Natural Resources program assisted with this project.

Cost

None.

Recommendation

It is recommended that the Trustees sign the proclamation declaring May 5, 2017 Arbor Day in the Village of Essex Junction.



PROCLAMATION

WHEREAS, the Board of Trustees is the governing body of the Village of Essex Junction;

and

Whereas, In 1872, J. Sterling Morton proposed to the Nebraska Board of Agriculture that a special day be set aside for the planting of trees;

and

Whereas, this holiday, called Arbor Day, was first observed with the planting of more than a million trees in Nebraska;

and

Whereas, Arbor Day is now observed throughout the nation and the world,

and

Whereas, trees can reduce the erosion of our precious topsoil by wind and water, cut heating and cooling costs, moderate the temperature, clean the air, produce life-giving oxygen, and provide habitat for wildlife;

and

Whereas, trees in our Village increase property values, enhance the economic vitality of business areas, and beautify our community,

and

Whereas, trees, wherever they are planted, are a source of joy and spiritual renewal.

NOW, THEREFORE, we hereby proclaim May 5, 2017 as

Arbor Day in the Village of Essex Junction.

VILLAGE OF ESSEX JUNCTION BOARD OF TRUSTEES

George A. Tyler, Village President

Elaine H. Sopchak, Vice President

Lori A. Houghton, Trustee

Andrew P. Brown, Trustee

Daniel S. Kerin, Trustee

MEMORANDUM

TO: Village Trustees
FROM: Pat Scheidel, Municipal Manager 
DATE: May 23, 2017
SUBJECT: Revised General Rules and Personnel Regulations

Issue

The issue is whether or not the Trustees approve the revised Village of Essex Junction General Rules and Personnel Regulations.

Discussion

The personnel regulations have been revised to reflect the changes in the Employees Association Contract, which was approved by the Trustees on May 9, 2017. The proposed changes are shown with strikeouts of the old language and new language underlined. The effective date of both documents is July 1, 2017.

Cost

There is no cost associated with this issue.

Recommendation

It is recommended that the Trustees approve the revised General Rules and Personnel Regulations effective July 1, 2017.



VILLAGE OF ESSEX JUNCTION

GENERAL RULES

and

PERSONNEL REGULATIONS

As of **12/20/2016** 7/1/17

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INTRODUCTION

This manual has been prepared to assist officials and employees of the Village of Essex Junction. Our community expects a high level of service from each of us and will, undoubtedly, receive it as long as everyone "gives their best." As an official or employee of the Village of Essex Junction, you are in fact working for each and every taxpayer who contributes to the support of the Municipal government.

The registered voters of the Village of Essex Junction elect a Board of Trustees. This Board is charged with the responsibility of establishing policy within the limits and provisions of the Village Charter and State Statutes.

The Village of Essex Junction operates under the Council-Manager form of government. This type of municipal operation is very similar to the way a business operates. Essex Junction's citizens receive a great variety of services through the various Municipal departments such as Fire, Public Works, Water, Wastewater, Library, Administration, and Community Development.

The Trustees and the Village Meeting adopt a budget for each year's operation. The various departments are operated within this budget under the general direction of the Municipal Manager. While as a Municipal employee your ultimate employer is the taxpayer, there is a chain of command. In most cases, your Department Head is your immediate supervisor and above that is the Municipal Manager and the Trustees.

PURPOSE, ENACTMENT AND EFFECT

It is the purpose of these Regulations to establish formal procedures for administrative action concerning personnel. The Regulations are enacted pursuant to 24 VSA Section 1121 and 1122.

Any statute, Village Charter, or Collective Bargaining Agreement provision which is contrary to these Regulations shall be considered superior to these Regulations; and if any provision is held invalid, such invalidity shall not affect other provisions or applications of these Regulations.

MISSION STATEMENT

Our purpose is to support and enrich the lives and community spirit of our citizens through efficient and effective provision of the following services: highway, general administration, water, wastewater, sanitation, library, planning, zoning, economic development and fire protection.

GOAL STATEMENTS

1. To be responsive to citizens' desires to shape their community by balancing the diverse demands of the present generation with anticipated future needs, and maximizing the use of resources in delivering quality public services.
2. To retain and attract quality, customer-oriented employees by providing an environment that encourages, rewards, and recognizes employees for hard work, efficiency, creativity and enthusiasm.

ORGANIZATIONAL VALUES

The Village of Essex Junction values its citizens. It demonstrates this fact by listening and being willing to go the extra mile to address their concerns.

The Village of Essex Junction values its employees. It demonstrates this sentiment through progressive personnel policies and encouraging continuous learning.

The employees value the Village of Essex Junction by being professional, creative and committed to providing exceptional service.

The quality of life and environment within the Village of Essex Junction are enhanced by a partnership and spirit of close cooperation among its citizens, elected and appointed officials and Village employees.

Each one of us is the Village.

Each one of us is striving for success.

We are what make the difference between a good organization and an excellent one.

As such, we value and will strive to adhere to the following principles in all of our actions.

Practice Open, Honest, and Accessible Communication – Talk straight to each other. Listen to and appreciate each other's thoughts and ideas. Confront issues in a positive, constructive manner. Encourage and seek participation by the people who will be affected by the decisions made.

Demonstrate Honesty and Integrity – Trust, integrity and a lasting working relationship are fostered when every action is conducted in a truthful and forthright manner.

Exercise Fiscal Responsibility and Accountability – Careful management of our financial resources demonstrates our respect for each other because it is our taxes that support our organization. Fiscal responsibility recognizes that most problems cannot be solved by money alone and therefore demands fresh, proactive approaches and creativity in addressing issues. Fiscal responsibility is accepting responsibility for the resources entrusted to us.

Provide Friendly and Courteous Service to All – Our mission is serving people. Therefore, our first responsibility is delivering quality services in a friendly, effective and efficient manner. We also seek "win-win" solutions to resolve each other's concerns.

Welcome Diversity and Promote Equal Opportunity – Diversity provides a unique opportunity to learn from and celebrate the mosaic of individuals and cultures in our community. Our organization

provides an environment that is fair to all employees and those we serve.

Treat Others with Respect, Sensitivity and Dignity – Live the “golden rule” in every interaction by demonstrating a deep regard for the diversity, needs, feelings and beliefs of all people and acknowledging the ideas and opinions of everyone. Make decisions that serve the best interest of all of the people, including those who choose not to participate.

Work Together as a Team – Work cooperatively as a group to address and to resolve problems. Collaboration using the knowledge and skills of each other increases effectiveness and innovation.

Emphasize Initiative and Creativity – Encourage and reward new ideas. Change is welcomed because it enhances the opportunity for the organization and individuals to grow and excel.

Support a Human Environment – Recognize the importance of human needs such as enjoyment and satisfaction in one’s work. Provide an environment that is nurturing, spirited, caring and informal and allows individuals to stretch beyond their normal capabilities. Make certain every individual balances their professional life with their personal life. Celebrate accomplishments by consistently acknowledging good performance.

Pursue Excellence and Professionalism – Strive to continually improve the way we deliver services and perform our day-to-day activities by being more accurate, thorough, responsive, efficient and effective. The successful completion of a task is more important than who gets the credit. A professional attitude dictates an objective analysis of issues, free of personal biases and with a commitment to the organization and to the community.

ARTICLE 1
GENERAL RULES FOR PUBLIC OFFICIALS, ALL EMPLOYEES AND VOLUNTEERS

101. EFFECT

The provisions of these rules shall apply alike to all public officials, volunteer firefighters and all employees of the Village, regardless of the time of the creation of the position or the time of their appointment.

These rules and regulations are subject to change at any time by majority vote of the Village Trustees.

102. DEFINITIONS

"Department Head" is the appointed Fire Chief or an employee who has direct supervision and responsibility for personnel of a municipal department.

"Employee - Full-Time" is an employee who works at least thirty (30) hours per week, year round. Full-time employees are eligible for all benefits and may only be discharged for cause. Full-time employees who work less than forty (40) hours per week will have their fringe benefits, such as vacation leave, sick leave and holiday pay, pro-rated (e.g., an employee who normally works 30 hours per week would be paid for 30 hours when taking a vacation week).

"Employee - Part-Time" is any person who routinely works less than thirty (30) hours per week, or is hired for seasonal work only. A part-time employee is an at-will employee and may be discharged at any time without cause. Part-time employees who work an average of at least 18 hours per week and are over age 18 are eligible for paid sick leave in accordance with state law. Part-time employees are not eligible for benefits, except that those who are scheduled to work at least twenty (20) hours per week year round and have completed an initial six month probationary period are entitled to vacation, holiday, and sick leave on a prorated basis. All employees have access to the Employee Assistance Program.

"Seasonal Employee" is any employee hired to perform services on a seasonal basis. Seasonal employees are not eligible for benefits and are not included in the merit pay scale. Seasonal employees may be discharged at any time without cause.

"Public Official" is any person who is elected by the voters of the Village or has been appointed by the Village Trustees.

"Volunteer Firefighter" is any person appointed to the Essex Junction Fire Department. In accordance with the Fair Labor Standards Act, they are volunteers and not employees. Volunteer firefighters are appointed by the Essex Junction Fire Chief. All appointed volunteer firefighters are at-will. They are not eligible for benefits, except for the Employee Assistance Program, and may be discharged at any time without cause by the Fire Chief or by the Village Trustees. Pay rates for volunteer firefighters are set by the Fire Chief and approved by the Village Trustees. Volunteer firefighters are not included in the merit pay scale.

"Library Substitute" is any employee hired to fill in on an "as-needed basis" at the Brownell Library. Library substitutes are not eligible for benefits and are not classified in the merit pay scale. All library substitutes are to be paid the same hourly wage as established by the Library Director and Municipal Manager. Library Substitutes may be discharged at any time without cause.

"Library Volunteer" is any person who has been offered and accepted a volunteer position at the Brownell Library. All applicants for volunteer positions at the library are required to undergo a criminal record check per Section 8 of the "Administrative Procedures Regarding Hiring."

103. EQUAL OPPORTUNITY AND NON-DISCRIMINATION

The Village of Essex Junction is committed to and adheres to equal opportunity and nondiscrimination in all aspects of employment. Candidates for employment and employees will be considered for all positions on the basis of their qualifications, abilities and job performance, regardless of race, color, religion, ancestry, national origin, genetics, place of birth, age, sex (including pregnancy), sexual orientation, genetic information, gender identity or disability, if he or she is qualified for the position. The municipality shall, without regard to these matters, recruit, hire, upgrade, assign, and train all employees. In addition, the municipality shall administer all personnel actions, such as compensation, benefits and municipal sponsored training without regard to these matters. Reasonable accommodations will be made for employees who are qualified individuals with a disability and for any qualified person with a disability seeking employment with the municipality.

104. APPOINTMENTS

Where no specific rule of the Village Charter is made to the contrary, the state statutes shall determine how appointments shall be made.

105. RECORDS

All records shall be available to the Board of Trustees or their representative if they are conducting an official investigation in accordance with the Village Charter or acting as the Personnel Board.

106. MONIES RECEIVED

Every official or employee shall turn over, as soon as practical, all monies received by him/her in their official capacity to the Treasurer with a statement showing the source from which the same was received.

107. OATH

Members of the Board of Trustees shall, before assuming their duties, take the oath prescribed by law.

108. SALARIES

All officials, employees and volunteer firefighters of the Village shall receive such salaries as may be provided by the Village Trustees. No official or employee receiving a salary from the municipality shall be entitled to retain any portion of any fees collected by him/her in the performance of their duties as municipal official or employee.

All municipal employees, with the exception of the volunteer firefighters, seasonal employees and library substitutes, will be placed in the municipality's merit pay scale and will be eligible for merit increases based on the evaluation rating received on their review dates.

109. TERMINATION OF OFFICE

Every official, volunteer firefighter and employee, upon the expiration of their term or dismissal, shall deliver to their successor all books and records which may be the property of the Village, and shall deliver to the Manager any other municipal property in their possession. If no successor has been appointed within one week after the termination of office, such property shall be delivered to the Municipal Manager or Trustees.

110. REFERENCES

The Village of Essex Junction will not provide references beyond confirming dates of employment. All reference requests are to be referred to the Municipal Manager in accordance with the "Policy Regarding Providing References for Former Employees."

111. TRAVELING EXPENSE

Request for travel expense funds for official business, special education or training shall be submitted on an authorized form. Authorization forms are to be signed by the employee's supervisor. Mileage shall be reimbursed in accordance with IRS allowance and shall be computed based on employee's

regular work site as base.

No municipal vehicle shall be used regularly for commuting to and from work, nor shall any public official receive mileage reimbursement for commuting to and from work, unless waived by the Municipal Manager on a case-by-case basis.

Employees and volunteers attending conferences or other training will be reimbursed for the cost of meals. If a meal is not provided, the municipality shall reimburse public officials and employees up to \$15 for breakfast, \$15 for lunch and \$25 for dinner (including gratuities). In order to receive reimbursement, an Expense Voucher shall be completed and receipts provided. At no time will the municipality reimburse public officials for alcohol or tobacco related products.

112. SMOKING

Smoking will not be allowed inside any building or vehicle owned by the Village of Essex Junction. Smoking will be permitted outdoors (except at the Wastewater Treatment Plant, where no smoking is allowed within the gates).

113. EMPLOYEE ASSISTANCE PROGRAM

The services of Invest EAP, a Vermont-based Employee Assistance Program (EAP), are available for all employees as well as all of their household members. Invest EAP may be accessed 24 hours a day and seven days a week (24/7), free of charge and confidentially, for help identifying and dealing with the stressors and distractions in their life.

114. OPEN DOOR POLICY.

The Village has an open door policy for employees. In order to maintain an open door policy, employees are encouraged to discuss concerns, issues, problems, and/or ideas with Department Heads or the Manager. If employees are unable to resolve issues with their Department Head they may address their concerns or ideas to the Manager with the understanding that all discussion with the Manager may be reviewed with the Department Head. The open door policy is not intended to be a means to override department rules or circumvent proper steps to resolve issues

115. ETHICS POLICY.

The Village has an Ethics Policy. The Ethics Policy will be distributed to all employees; board, commission and committee members; elected and appointed officials; and fire fighters upon appointment and annually thereafter per Section 11 of the Ethics Policy. Each person receiving the Ethics Policy shall sign the Ethics Policy acknowledgement form.

ARTICLE 2 EMPLOYEE RULES AND REGULATIONS

201. EFFECT

These rules and regulations apply to all municipal employees and are subject to change at any time by majority vote of the Village Trustees.

202. APPOINTMENT OF SUPERVISORY PERSONNEL

The Manager, with the advice of the Trustees, shall appoint all personnel with departmental supervisory capacity. The Manager shall also seek the advice of the Library Trustees in the appointment of the Library Director.

203. ASSIGNMENT OF DUTIES

The Manager and Department Head shall have the right to assign duties. Where the duties of an office are not provided by any law, the Manager may designate such duties.

The Manager shall approve all job descriptions or any changes thereto, except the Manager's job

description and any changes thereto shall be approved by the Trustees.

204. EMPLOYMENT OF PERSONNEL

Department Heads shall follow the "Administrative Procedures re: Hiring" when filling positions in their departments.

205. DEPARTMENTAL RULES

Rules for each department shall be developed which prescribe procedures, hours, shifts, work standards, work schedules, departmental organization and similar items and shall enforce the Village of Essex Junction Personnel Regulations. These rules shall be approved by the Manager and posted for employee review. These rules shall be enforced by the Department Head and/or the Manager and infractions thereof may subject the employee to suspension and/or dismissal.

206. PROBATIONARY EMPLOYEE

Full-time: A probationary employee is one who is being considered for full-time work on a regular basis. No fringe benefits are granted until the first of the month after date of hire, except for sick, vacation and holiday benefits.

Part-time: A probationary employee is one who is being considered for a part-time position of at least 20 hours per week year-round. Pro-rated part-time benefits of sick, vacation and holidays are not granted until satisfactorily completing the initial six month probationary period.

Completion: The employee is considered and remains a probationary employee after having completed a six month probationary period until completion of six (6) months of employment, and may be extended to one year at the Department Head's recommendation and the Village Manager's approval, and receiving a satisfactory evaluation.

207. DISCHARGE FOR CAUSE

After successful completion of their probationary period a full-time employee may be suspended or discharged for cause.

Subject to its obligations to employees with disabilities, the municipality shall have cause to terminate an employee who is unable to perform the customary duties or responsibilities of their assigned position per Section 403.

Part-time employees remain "at-will" employees and may be discharged at any time without cause.

208. EVALUATIONS

Performance evaluations will be conducted at least twice a year in the first year of employment (at six months employment and end of one year of employment) then annually thereafter by the Supervisor with the assistance of other supervisory personnel who have observed the performance of the employee. Evaluations will be based upon existing criteria and such other criteria as are determined by the Supervisor after consultation with the Manager. If an employee is promoted or changes jobs, that employee shall be evaluated (appraised) after six (6) months on the job and at the one year mark, then annually thereafter on the anniversary date of hire for the new job.

An employee should review and sign each evaluation acknowledging receipt.

Performance evaluations shall be conducted within two weeks of an employee's annual review date unless both parties agree to another date.

209. PERSONNEL FILE

An individual file shall be kept on all personnel. Each employee shall have the right to inspect their own personnel file periodically by making an appointment with the Human Resources Director for this purpose. Maintenance of personnel files shall be as outlined in the policy.

210. EMPLOYEE ORGANIZATIONS

Employees of the Village may fully and freely associate themselves in organizations of their own choosing for their mutual benefit. No employee shall be required to join any such organization as a condition of employment.

211. PRESCRIPTION MEDICATIONS

(a) Medications prescribed by accredited physicians and used by the person for whom prescribed, at the prescribed dosage levels, do not fall within the prohibition of the Village of Essex Junction Substance Abuse Policy.

(b) However, employees who must take prescribed medications during the work day are responsible for the safekeeping of the medication(s). Failure to store the medication(s) safely and securely is cause for disciplinary action. In order that the Village may protect the health and safety of all employees, and maintain the professional standards required in fulfilling its duties to the public, each employee has the duty of reporting their use of any prescription medication(s) which may affect job performance to their Department Head prior to reporting to work while using the medication(s), so that appropriate safeguards may be discussed and arranged. Failure to comply with this requirement is cause for disciplinary action.

212. ALCOHOLIC BEVERAGES

The consumption of alcoholic beverages on any property owned by the Village of Essex Junction is prohibited. No employee shall be under the influence of alcohol or any illegal drug while working for the Village.

213. ACCIDENTS

Personnel involved in, or having any knowledge of, any accident to any property or equipment owned or operated by the Village shall immediately report the accident and pertinent information to the Department Head or Manager. In the event of any serious emergency, medical assistance shall be called immediately.

214. CLOSING A VILLAGE DEPARTMENT

The Manager may close a Village Department (including the Library) due to inclement weather, safety, employee funeral, etc. The Village Trustees shall be notified of all such decisions. If the Manager closes a Village Department, employees shall receive full pay during normal working hours.

215. BUILDING SECURITY

It is the responsibility of all employees to ensure that the building in which they work is secure upon closing for the day and that all doors and windows are locked. It is also employees' responsibility to shut off the lights when they are the last person out of the building.

216. ABSENCE WITHOUT LEAVE

No employee may be absent from duty without permission of his Department Head. Absence without leave shall be sufficient cause for forfeiture of all rights and privileges earned while employed. An employee absent for three (3) consecutive working days without notice shall be considered to have resigned.

217. PERSONAL AFFAIRS

All employees are expected to maintain their personal affairs, including their financial dealings, in keeping with an acceptable standard of conduct. It is assumed that each employee will not let their private life reflect unfavorably on the Village or their work with the Village.

ARTICLE 3 EMPLOYEE BENEFITS

The benefits listed below are for full-time employees except that part-time employees scheduled to work at least 20 hours per week year-round, and who have completed an initial six month probationary period, are entitled to paid sick leave, vacation and holidays on a pro-rated basis. In addition, part-time employees who work at least 18 hours per week are entitled to paid sick leave in accordance with Vermont Statute 21 §482 & 483. (See Appendix III)

301. SICK LEAVE:

Full-time employees will accumulate 1.5 sick days (12 hours) per month which may be used for the following reasons:

- Employee's own illness or injury
- To obtain medical treatment, including routine exams
- To care for a sick or injured family member
- To arrange for or assist a family member in arranging medical or legal services relating to domestic violence, sexual assault, or stalking
- To care for dependent because the school or business where that individual is normally located is closed for public health or safety reasons

For the purposes of sick leave, family member is defined as parent, grandparent, spouse, child, brother, sister, parent-in-law, grandchild, or foster child.

Sick leave may also be used for medical or dental appointments.

Sick time is a privilege and is to be used only for legitimate absences.

Department Heads and the Manager will have the authority to require that an employee who is on sick leave be examined by a physician selected by the municipality. This option would afford the Village with a "second opinion" regarding sick leave. This would, of course, not prevent an employee from seeing their own physician.

302. VACATION

Vacation time will be accrued at the following rates:

New hire to 5 years:	3 weeks (10 hours/month)
5 years to 10 years:	4 weeks (13.34 hours/month)
After 10 years:	5 weeks (16.67 hours/month)
After 20 years:	5 weeks, 2 days (18 hours/month)

Employees may not accrue more than 240 vacation hours on their annual anniversary date, and must take at least 50% of their yearly vacation accrual.

All requests for vacation time must be approved by the Department Head.

303. HOLIDAYS

The holidays to be observed with pay are:

New Year's Day
Martin Luther King Day (3rd Monday in January)
President's Day*
Memorial Day
Independence Day (July 4th)
Bennington Battle Day (August 16th)
Labor Day (1st Monday in September)
Columbus Day (2nd Monday in October)
Veterans' Day (November 11th)

Thanksgiving Day
Day after Thanksgiving Day
**Workday before/after Christmas Day
Christmas Day
Two (2) personal holidays (choice of the employee)***

* The Administration, Community Development, and Library departments shall close on President's Day. In lieu of President's Day, the Public Works and Wastewater departments shall take the day off before or after July 4th as decided upon by the Manager by May 1st.

** Workday before or workday after Christmas. Date will be set by the Manager by January 1st May 1st of each year.

*** Personal Holidays may be taken in increments of ½ hour or more at a time.

If an employee is on authorized sick leave during a paid holiday, the employee will not be assessed sick leave for that day.

Holiday pay will be for eight (8) hours in a day. Teams shall make provisions for how to handle holidays.

Whenever possible, the Village of Essex Junction will follow the federally recognized dates for these holidays. When any holiday falls on a Sunday, the following Monday shall be considered a holiday. If a holiday falls on a Saturday, the preceding Friday shall be considered a holiday.

304. VARIOUS INSURANCES

The first of the month after the date of hire, employees shall be eligible for the Village's Health Plan, Cafeteria Plan, the Dental Plan, Vision Plan, Life Insurance Plan, Short Term Disability and the Retirement Savings Program. Employees shall be eligible for all other benefits upon their date of hire (e.g. sick, vacation, holiday, personal days).

304.1. Health Insurance: The Village shall enroll all full-time employees in one of three BCBSVT Health Insurance plans covering the employee and dependents of the employee, unless the employee opts out. When an employee terminates, the health plan will terminate at the end of that month in which the employee has their last work day. Benefits will be provided in accordance with Federal law (i.e., COBRA) or state law for civil union partners. The plans offered are:

- Platinum Standard
- Gold Standard
- Blue Rewards Gold CDHP

(a) The Village will pay the following premium amounts for employees:

- Either a dollar amount equal to 86% of the cost of the Platinum Standard medical premium, or the premium cost of the plan chosen, whichever is less;

(b) The employee contribution to the medical premium will be paid through (pre-tax) payroll deduction.

(c) The Village provides a Health Reimbursement Arrangement (HRA) to pay the first \$2,250 of the deductible and co-pay for individuals, and the first \$4,500 of the deductible and co-pay for Employee & dependent(s), 2-person (Employee & Spouse), and families.

(d) If an employee opts out of the Village's health insurance, and provides evidence that the employee has health insurance through another source, 25% of the Village's cost of the BCBSVT Platinum plan premium for which the employee is eligible shall be paid to the employee monthly.

304.2. Cafeteria Plan (Optional): The Village shall offer a Section 125 (Cafeteria Plan) to all full-time employees. The plan shall include the following components:

- (a) Premium Conversion: Allows employee paid premiums to be paid with pre-tax dollars.
- (b) Election of Dependent Care Assistance: Allows up to \$5,000 per year to be deducted

pre-tax from employee's pay to be reimbursed to the employee to pay eligible dependent care expenses.

(c) Flexible Spending Account for Health Care Reimbursement: Allows up to \$2,500 per year to be deducted pre-tax from employee's pay to be reimbursed to the employee to pay eligible (not reimbursed by insurance) health care expenses.

304.3. Dental and Vision Insurance: The Village provides dental and vision insurance for all full-time employees and dependents at no cost to the employee. The current carriers are Northeast Delta Dental and Vision Service Plan.

304.4. Life Insurance: A life insurance policy shall be carried for each full-time employee with a death benefit payable to the employee's named beneficiary of 2 ½ times base salary up to \$100,000.

304.5. Short Term Disability: A policy shall be carried providing a weekly benefit to each full-time employee in the event of time lost from work due to non-occupational accident or sickness. The weekly benefit is 66.66% of base salary up to \$400.

304.6. Retirement Savings Plan: Full-time employees are required to contribute 5% of their earnings and the Village contributes 10% towards the retirement savings plan. The current plan is a Defined Contribution Plan through ICMA Retirement Corp.

305. LEAVE OF ABSENCE

305.1. LEAVE OF ABSENCE WITHOUT PAY

Any request for a leave of absence shall be submitted in writing to an employee's immediate supervisor. The request shall state the reason for the leave of absence and the approximate length of time off desired. Written authorization for leaves of absence shall be furnished by the employee's immediate supervisor.

305.2. PERSONAL LEAVE

Paid leave of absence for bereavement of immediate family, weddings in the immediate family, etc. may be granted upon approval of the Department Head. These personal leaves shall not exceed five (5) days in any one year.

The Manager, at his or her discretion, may grant additional personal leave in excess of five (5) days in one year for a death in the immediate family.

305.3. MATERNITY LEAVE

Full-time employees may take six (6) weeks of continuous (eight (8) weeks for caesarian delivery) beginning on the delivery date and receive from the Village that portion of their normal salary which is not paid by short-term disability for those six weeks (eight weeks for caesarian). The employee shall not receive more than 100% of their usual salary during maternity leave from these combined sources. Accumulated sick leave time may be used for maternity leave prior to delivery date. For maternity leaves of more than six weeks (eight weeks for caesarian) after delivery for medical reasons, the Village's disability program combined with sick leave may be utilized. If an employee is also eligible for Parental and Family Leave, any leave taken under this section will count towards an employee's twelve (12) weeks of Parental and Family Leave.

305.4. SPOUSAL LEAVE

Full-time employees may take up to five (5) continuous days of paternity leave with full pay upon the birth of a child. If an employee is also eligible for Parental and Family Leave, any leave taken under this section will count toward an employee's twelve (12) weeks of Parental and Family Leave.

305.5 ADOPTION LEAVE

Full-time employees may take up to five (5) days of paid leave when adopting a child. If an employee is also eligible for Parental and Family Leave, any leave taken under this section will count toward an employee's twelve (12) weeks of Parental and Family Leave.

305.3. 305.6 PARENTAL AND FAMILY LEAVE WITHOUT PAY

(a) A full-time employee, with one year or more days of service, shall be entitled to take unpaid leave for a period not to exceed 60 working days (12 weeks) in a 12 month period for parental leave (to include birth or adoption). Equivalent leave is available for an

employee if he or she is seriously ill or his or her children, stepchildren, foster children, ward of the employee who lives with the employee, parents, spouses, or parent of employee's spouse are seriously ill. Serious illness means an accident, disease, or physical or mental condition that (a) poses imminent danger of death, (b) requires inpatient care in a hospital, or (c) requires continuing in-home care under the direction of a physician.

(b) Full-time employees are also eligible for unpaid short-term leave up to four hours in any 30 day period, not to exceed 24 hours in any 12 month period for the following reasons:

(a) to participate in preschool or school activities of the employee's child, stepchild, foster child, or ward; (b) to attend or accompany the employee's child or other family member, as defined in 21 VSA, 472a(2), to routine medical or dental appointments; (c) to accompany the employee's parent, spouse or parent-in-law to other appointments for professional services related to their care and well-being; and (d) to respond to a medical emergency of the employee's family member as defined in 21 VSA 472a(4). Employees should make reasonable efforts to schedule appointments outside of normal working hours.

(c) Employees may use accumulated paid leave time (sick, compensatory, personal holiday or vacation) while out on parental and family leave.

306. JURY DUTY

All full-time employees will be paid the difference in their regular wages and the fees they might receive for each day missed from work while serving on jury duty.

307. TUITION REIMBURSEMENT

The Village shall pay up to six (6) education credits per fiscal year for an accredited college or university with reimbursement to be limited to the University of Vermont rate for in-state students. A grade of "C" or better must be achieved in the classes in order to receive reimbursement. Educational courses requested shall be related to jobs within the Village classification system, in line with departmental priority, and subject to the Manager's prior approval.

308. SELF-BETTERMENT PHYSICAL FITNESS PROGRAM

The Village shall pay each participating employee upon receipt of notice of payment of the monthly membership fee paid by the employee for enrollment in a self-betterment physical fitness program or club. Self-defined programs must have prior approval by the Manager and Department Head if not in the following list: physical fitness programs/club, recreational activities that improve health fitness such as Maple Street Pool pass, Essex Junction Parks & Recreation fitness programs, athletic footwear. The notice of payment receipt shall be given to the employee's supervisor. Reimbursement of the maximum of \$350 per fiscal year will be made to the employee. Partial payments may occur quarterly with the payment date determined by the Treasurer.

309. PERSONAL PROPERTY

The Village shall reimburse an employee for personal property lost or damaged in accordance with the following schedule:

~~FYE 15: \$125 per claim will be paid;~~

~~FYE 16: \$150 per claim will be paid;~~

~~FYE 17: \$175 per claim will be paid;~~

provided that (1) the loss or damage was in no way caused by the personal negligence of the employee, and (2) adequate proof is made that the loss or damage was incurred in the performance of a function peculiar particular to the job. In the event of prescription eyeglasses (other than sunglasses), or dental plates or cellphones are lost or damaged, the Village shall reimburse the employee up to two thirds (2/3) of the cost of the lost or damaged item, subject to the same provisions set forth in the preceding sentence.

312. WORK DAYS AND WORK WEEK

The municipal work week shall be forty (40) hours per week. Employees will be paid weekly. No payroll checks will be issued in advance.

(a) All employees' work schedules shall provide for a fifteen-minute rest period each regular one-half shift. Employees may combine their two fifteen-minute rest periods earned during their regular work day, but may not exchange them for their 30 minute meal period provided for 312(b). Should the employee be required to work any additional two hours beyond the regular work period, they shall be entitled to an additional 15-minute rest period.

(b) All employees shall be granted a 30-minute meal period during each eight (8) hour work shift. Whenever possible, the meal period shall be scheduled at the middle of the shift. Employees required by their supervisor to remain on the job site during the meal period shall be paid for such period.

(c) Employees whose work conditions require it shall be granted a fifteen minute personal clean-up period immediately prior to the end of each work shift.

313. OVERTIME

313.1. In accordance with the Fair Labor Standards Act (FLSA), hourly employees will be paid overtime (time and one half) for hours worked over 40 in one week. All requests for overtime pay must be approved by the Supervisor.

313.2. Hourly employees required to work hours outside of the agreed upon schedule will be paid overtime.

313.3. Hourly employees required to work on Sundays and Holidays shall be paid double time. Holidays are the day of the Holiday and the days observed by the Village, the length of the day is 12 AM through 11:59 PM. Personal holidays are not considered holiday for this purpose.

313.4. Hourly employees may elect to accrue compensatory time in lieu of cash payment. The rate of time accrued shall be one and one-half hours of compensatory time off for each hour overtime worked (except for hours worked on Sundays and holidays which will be double time). The total amount of accrued compensatory time shall not exceed 200 hours.

313.5. Employees may convert up to 40 hours of accrued compensatory time to pay each fiscal year, with a minimum request of 4 hours. The request must be submitted on a form specific to this purpose (see Appendix I) and approved by the Supervisor. Conversion over the 40 hours maximum per year may be granted at the discretion of the Manager.

313.6. The following employees are exempt from the FLSA and shall not receive any overtime pay. Exempt employees include the Manager, Finance/MIS Director, HR Director/Clerk/Treasurer, Community Development Director, Library Director, Assistant Library Director, Water Quality Superintendent, Public Works Superintendent, elected officials who have a salary established by the Board of Trustees, and any other supervisory positions established by the Board of Trustees.

314. FULL-TIME EMPLOYEE BENEFITS RELATED TO SICK LEAVE

314.1. Sick Leave Conversion. A full-time employee who has accumulated 75 or more sick days (600 hours) may convert (on a 2:1 basis) up to 10 sick days into up to 5 days additional vacation or pay per year. (See Appendix II)

314.2. Sick Leave to Personal Hours. A full-time employee earns two hours of personal time as a reward for not using sick time during a two-month period of time, 60 consecutive days, provided the employee submits the paperwork on sick/personal time to be verified by the payroll department. All accrued personal time shall be used within the fiscal year. Earnings for May and June shall be taken in the next fiscal year.

314.3. Sick Leave Buy Back. When a full-time employee of the Village has completed 15 years of service and has accrued over 800 hours of sick time, the employee shall be eligible for a partial sick time buy back when he/she leaves employment with the Village in good standing. Any unused accrued sick time over 800 hours shall be eligible. Any eligible sick

time shall be "bought back" by the Village at a 2:1 ratio (i.e. for every two hours of sick time, one hour shall be paid to the employee upon termination). One thousand (1,000) hours shall be the limit for purchase (e.g. 500 hour buy back cap).

314.4. Sick Leave Pay Out. A full-time employee whose employment is terminated due to retirement who retires on or after age 62 or death dies shall be entitled to pay equal to 100% of any accumulated sick leave up to a maximum of 100 days.

315. LAYOFFS

Any municipal employee may be laid off when it is necessary to reduce the number of employees in any department because of a shortage of work or funds, abolition of a position, change in departmental functions or organizations, or for related reasons which do not reflect discredit on the employee. Employees shall be laid off insofar as possible in inverse order of length of service within the class of positions. Persons laid off in accordance with the foregoing procedure shall be entitled to have their names placed at the head of a reinstatement list, according to their seniority.

316. SENIORITY

Earned seniority shall not be lost due to authorized leave of absence or military service. All seniority rights shall be lost by resignation or dismissal.

317. METHODS OF REINSTATEMENT

Whenever a vacancy occurs in any position, the Manager shall reinstate in the same position in which they were formerly employed any person who had been appointed and who had been temporarily separated from the position, and their seniority of service shall be governed by the date of their original appointment, subject to passing a physical examination, if the layoff was longer than thirty (30) days.

318. ARMED SERVICES

(1) Any full-time employee of the Village who is a duly qualified member of the reserve components of the armed forces of the United States of America or State of Vermont and:

(a) who, in order to receive military training with the armed forces of the United States, not to exceed fifteen (15) days in any one fiscal year, leaves a position other than a temporary position, and,

(b) who gives evidence defining the date of departure and the date of return for purposes of military training thirty (30) days prior to the date of departure, and

(c) who shall further give evidence of the satisfactory completion of such training immediately thereafter, and

(d) who is still qualified to perform the duties of such position, shall upon return be entitled to be restored to their previous or similar position with the same status, pay and seniority. In such circumstances, seniority shall continue to accrue during such period of absence. Such period of absence shall be construed as an absence with leave. Under such circumstances, the Village shall pay the employee the difference between what they are paid by the military during such training period, and what they would have earned with the Village. Such period of absence shall not be deducted from the employee's vacation pay, or counted as vacation time.

(2) If an employee is called to active duty, they shall be entitled to accrue and maintain all benefits for a period of thirty (30) days after the employee has been placed on active duty. Under such circumstances, the Village shall pay the employee the difference between what they are paid by the military during such time period, and what they would have earned with the Village.

After thirty days, the Village will not make up the difference in pay. Also, benefits will no longer accrue

during this time period or be paid for by the Village.

Each employee shall also have such other re-employment rights as provided by (and subject to the conditions of) 38 U.S.C. Section 4304.

ARTICLE 4 EMPLOYEE CONDUCT (ALL EMPLOYEES)

401. EMPLOYEE CONDUCT

If an employee's conduct falls below a desirable standard, they may be subject to disciplinary action. A few examples of causes for which an employee may be disciplined are:

- (1) Failure to follow the orders of one's Supervisor.
- (2) Being absent without permission.
- (3) Being habitually absent or tardy.
- (4) Being wasteful of material, property or working time.
- (5) Inability to get along with fellow employees.
- (6) Drinking on the job or arriving on the job under the influence of alcohol or narcotics.
- (7) Conduct which is unbecoming a Village employee.
- (8) Any criminal offense.
- (9) Unethical behavior.
- (10) Loss of a license or certificate issued by State and/or Federal authority needed to conduct daily work.

401.1. VIOLENCE

Violence, or the threat of violence, by or against any employee of the Village of Essex Junction or other person is unacceptable and contrary to Village policy, and will subject the perpetrator to serious disciplinary action and possible criminal charges.

402. GRIEVANCE PROCEDURES

Full-time employees who believe that they have received inequitable treatment because of some condition of their employment may personally, or through their representative, appeal for relief through the following steps:

- (1) Employees are expected to discuss any grievance initially with their immediate Department Head. Then, if the matter is not settled, the employee may choose to submit the grievance in writing to the Manager, who shall give a written reply within one week.
- (2) The Manager may be requested in writing to bring the matter before the Trustees who, for the purposes of this section, shall act as the Personnel Board.
- (3) These steps should be followed in sequence. A step may be skipped if the complaint is against the employee's supervisor for harassment, discrimination, "whistle blowing" or some other matter where the employee is concerned about retaliation.
- (4) The Village maintains an "open door" policy for all employees. The requirements of written presentations are not intended to preclude the use of frank and informal conferences as a means of reaching settlements.

403. SUSPENSIONS AND DISMISSALS

(a) The Manager or Department Head, with the approval of the Manager, may suspend, for disciplinary reasons, any employee in their department. The Manager or Department Head, with the

approval of the Manager, may dismiss an employee at any time for cause. Cause shall include but not be limited to those causes for disciplinary action defined in Section 401, or physical or mental disability. Prior to suspension or dismissal, the employee shall be notified in writing of the charges against the employee, the reasons for the suspension or dismissal, and their right to attend a hearing with the Manager and/or Department Head. The employee may bring representation to the hearing and will be allowed to present evidence in their defense. After the hearing, if suspension or dismissal is carried out, the employee shall be notified in writing of their right to appeal to the Trustees in accordance with Section 403 (b). Copies of the notice shall be forwarded to the Trustees.

(b) Within ten (10) days of the receipt of such notice, an employee may request a hearing before the Trustees by filing such request with the Manager. The Trustees then shall proceed to hold such hearing not less than ten (10) days nor more than twenty (20) days after receipt by the Manager of the hearing request. At the hearing, the employee is entitled to be represented by counsel and to answer and be heard on the charges. Within ten (10) days of the conclusion of the hearing, the Trustees shall forward the written findings of fact and their decision to the employee. The Trustees may support the action of the Manager or may modify it.

(c) The provisions of Section 401 shall not apply to probationary employees who, during such probationary period, may be freely suspended or discharged.

404. HEARINGS

The Trustees, upon notification of a request for investigation and hearing, shall cause copies of the written charges to be served personally upon the official or employee against whom such charges are filed, or shall have the same mailed to their address notifying them of the time and place of the hearing. An investigation of charges may be broad in their character and evidence may be heard upon any facts or circumstances pertinent or applicable to such charges.

405. FINDING AND DECISION

The finding and decision of the Trustees following the hearing of charges shall be final. Notice of the decision shall be sent to the employee.

ARTICLE 5 SALARIED EMPLOYEES

501. FLEX TIME

Salaried employees may flex their hours over a two week period. If they work extra hours one day, they can take the hours off another day.

502. WORKING FROM HOME

Salaried employees may work at home with the approval of the Manager.

503. WORKING ON HOLIDAYS

Salaried employees who work on a holiday may take another day off in lieu of the holiday, with the Manager's approval.

ARTICLE 6 VOLUNTEER FIREFIGHTERS RULES AND BENEFITS

601. EFFECT

The provisions of these rules and benefits shall apply to all volunteer firefighters of the Village.

These rules and benefits are subject to change at any time by majority vote of the Village Trustees.

602. MEMBERSHIP

- (1) Volunteers may express their interest in serving with the Essex Junction Volunteer Fire Department by completing an application form.
- (2) Volunteers may be appointed by the Essex Junction Fire Chief based on the needs of the department and subject to passing a physical.
- (3) No volunteer shall be denied appointment or be dismissed from the Essex Junction Volunteer Fire Department on the basis of race, color, religion, national origin or sex.
- (4) A volunteer firefighter may be dismissed or suspended by the Fire Chief on written notice, but shall be entitled to a hearing on such dismissal or suspension before the legislative body of the municipality if a written request for a hearing is submitted to the legislative body by the firefighter dismissed or suspended within five days after receipt of notice thereof. The legislative body may revoke such dismissal or suspension, and may order reinstatement of a firefighter suspended or dismissed.

603. ATTENDANCE

Volunteer firefighters are required to attend 5 training sessions per quarter.

604. APPOINTMENTS

- (1) In accordance with the Essex Junction Village Charter, the Fire Chief shall be appointed to a one year term by the Village Manager with the approval of the Village Trustees. Residents of the Village or a member of the Fire Department who resides in the Town of Essex shall be eligible to hold the office of Village Fire Chief.
- (2) The Fire Chief shall appoint the Assistant Fire Chiefs. The Captain(s) and Lieutenant(s) of the department shall be appointed by the Fire Chief.

605. PAY

- (1) Volunteer firefighters shall receive a minimum starting hourly rate of pay. In addition, after every five years of service \$.25 per hour will be added to the volunteer firefighter's base pay. Pay adjustments will be effective on July 1st, the first day of the new fiscal year, if the budget allows.
- (2) The Chief shall receive an hourly premium of \$3.00 per hour. The Assistant Chiefs shall receive an hourly premium of \$2.50 per hour. The Captains shall receive an hourly premium of \$2.00 per hour. The lieutenants shall receive an hourly premium of \$1.50 per hour.
- (3) Work Related Training: Volunteer firefighters shall not receive pay during routine (in-town) training or for attending fire department meetings. Volunteer firefighters shall be paid their regular rate for non-routine (out-of-town) training approved by the Fire Chief or training officer. The volunteer firefighter's time shall not be reimbursed for time outside of the training sessions (i.e., travel time, overnight, etc.).

606. RELIGIOUS BELIEFS ACCOMMODATION POLICY

It is the Village of Essex Junction's policy to respond to requests from volunteer firefighters for reasonable accommodation for religious beliefs to the extent required by applicable law. The volunteer firefighter must make their need and the basis for that need known to the Fire Chief. The request shall be in writing and include pertinent information such as the name of the religion, the name of a local religious leader, what is the precise accommodation needed, the reason it is needed and demonstration that it is not subject to waiver or reasonable modification. Upon receipt of the written request, the Fire Chief shall give the volunteer firefighter a written response to the request. Generally, reasonable accommodation for religious beliefs will be granted if:

- (1) The volunteer firefighter establishes that the request is based on a genuinely held religious

belief, to be verified by the volunteer firefighter's religious leader or by other proof of applicable religious doctrine if the Fire Chief deems it necessary, in which case the volunteer firefighter, religious leader, or applicable doctrine should attest that the religious requirement is not waivable or subject to reasonable modification.

(2) The volunteer firefighter can perform all the essential functions of their position with reasonable accommodations;

(3) Reasonable accommodation can be made without imposing undue hardship on the Essex Junction Volunteer Fire Department;

(4) The volunteer firefighter agrees to notify the Fire Chief immediately if changes in circumstances eliminate the need for accommodation; and

(5) The accommodation does not result in illegal discrimination as to other volunteer firefighters.

607. EMPLOYEE ASSISTANCE PROGRAM POLICY

The Village of Essex Junction has adopted an Employee Assistance Program (EAP). The program is offered to all volunteer firefighters and their families.

The Employee Assistance Program provides volunteer firefighters and their families with **confidential**, professional assistance for their personal problems. Volunteer firefighters and immediate family members are encouraged to use this voluntary program.

It is recognized that almost any human problem can be successfully treated, provided it is identified in its early stages and referral is made to an appropriate source of care. This applies whether the problem is one of physical or mental illness, emotional distress, finances, marital or family distress, alcohol or drug abuse, legal problems or other concerns.

The Village of Essex Junction is proud to offer the above program to its volunteer firefighters. The Employee Assistance Program reinforces our commitment to have healthy volunteer firefighters delivering the best possible service to the public.

APPENDIX I

COMPENSATORY TIME CONVERSION FORM

Employee Name: _____

Date of Request: _____

Requested number of Comp Time Hours to be converted to pay (minimum of 4 hrs.):

Gross compensation expected (hours to be converted x hourly rate): _____

Accrued comp time balance before conversion: _____

Accrued comp time balance expected after conversion: _____

Number of comp time hours previously converted this fiscal year (max is 40): _____

Total number of hours converted this fiscal year after this conversion: _____

APPENDIX II
SICK TIME CONVERSION FORM

Employee Name: _____

Date of Request: _____

Requested number of Sick Time Hours to be converted to Vacation: _____

Requested number of Sick Time Hours to be converted to Pay: _____

(2 hours sick to 1 hour vacation up to a maximum of 10 hours sick to 5 hours vacation.)

Accrued sick time balance before conversion: _____ (must be at least 600 hours)

Accrued sick time balance expected after conversion: _____

Accrued vacation time balance before conversion: _____

Accrued vacation time balance expected after conversion: _____

Number of sick time hours previously converted this fiscal year (annual max. is 40):

Total number of hours converted this fiscal year after this conversion: _____

Sick Time to Personal Time

I hereby certify that I did not take any sick time between _____ and _____
and would like to receive two (2) hours of personal time.

Employee

Date

For HR/Payroll Department:

Approved

Date

APPENDIX III
VILLAGE OF ESSEX JUNCTION
PART-TIME EMPLOYEE BENEFITS IMPLEMENTATION

The Village of Essex Junction General Rules and Personnel Regulations states in Article 3, Employee Benefits, that part-time employees scheduled to work at least 20 hours per week year-round, and who have completed an initial six month probationary period, are entitled to paid sick leave, vacation and holidays on a pro-rated basis. In addition, state law enacted in 2016 requires that employers provide paid sick leave to employees that work at least 18 hours per week.

Purpose

The purpose of this document is to provide detail in how the part time benefits are to be accrued and guidance in how they are to be used.

Opt out

Employees meeting the above criteria may opt out of the benefits provided if they do not wish to adhere to the requirements listed below, except for paid sick leave as required by state law.

Definitions: **“Week”** means the normally scheduled work week (i.e., 20 or 24 hours).
 “Day” means 1/5 of the normally scheduled work week.

Paid leave hours are intended to offset, not add to, the employees' normally scheduled paid work week. If an employee has worked their normally scheduled week, they are not entitled to additional paid leave time. The exception is that when a Village paid holiday falls in the work week, the employee shall receive their holiday pay plus pay for all hours worked. Supervisors should consider paid holidays when scheduling part-time staff hours.

Paid Holidays: 13 Village scheduled holidays, plus 2 personal holidays of the employee's choice to be prorated based upon employees normal work schedule. The two personal holidays are available at the beginning of each fiscal year (July 1) and **must** be used during the fiscal year; they do not carry over.

An employee scheduled to work 20 hours per week will receive 4 hours of holiday pay for the week that includes a holiday. The 2 personal holidays would be at 4 hours each, or 8 hours total.

An employee scheduled to work 24 hours per week will receive 4.8 hours of holiday pay for the week that includes a holiday. The 2 personal holidays would be 4.8 hours each, or 9.6 hours total.

Part-time employees may not be paid for more than their normally scheduled day when using Personal Holiday pay. Personal Holiday time may be taken in units of ½ hour or more at the discretion of the employee. However, staffing needs should be considered when taking personal holiday time. Department head must be notified if employee plans to use two personal holidays in a row.

Paid Vacation: New Hire to 5 years, 3 weeks (15 days); 6 years to 10 years, 4 weeks (20 days); after 10 years, 5 weeks (25 days), **after 20 years, 5 weeks and 2 days (27 days)**. Employees **must** use 50% of their annual vacation accrual each year and may carry over unused accrued vacation time but are limited to a balance of 6 weeks at their anniversary date (120 hours for 20 hour/week employees, 144 hours for 24 hour/week employee). Vacation time is accrued monthly to be prorated based on employee's normal work schedule.

An employee scheduled to work 20 hours per week will accrue:

- 7.5 days per year (5 hours per month) if new hire to 5 years
- 10 days per year (6.67 hours per month) if 5 years to 10 years
- 12.5 days per year (8.33 hours per month) after 10 years of employment

- 13.5 days per year (9 hours per month) after 20 years of employment

An employee scheduled to work 24 hours per week will accrue:

- 9 days per year (6 hours per month) if new hire to 5 years
- 12 days per year (8 hours per month) if 5 years to 10 years
- 15 days per year (10 hours per month) after 10 years of employment.

Part-time employees may not be paid for more than their normally scheduled week when using paid vacation. Requests for vacation time must be approved by the Department Head. Vacation time may be used in units of ½ hour or more with the approval of the Department head. Employees must use accrued paid vacation time before requesting unpaid leave.

Paid Sick Leave for employees who work at least 20 hrs/week: 18 days per year, accrued monthly. Employees may carry over unused accrued sick leave from year to year. The 18 days per year are prorated according to employee's normal work schedule:

An employee scheduled to work 20 hours per week will accrue 9 days of sick leave per year, or 6 hours per month.

An employee scheduled to work 24 hours per week will accrue 10.8 days of sick leave per year, or 7.2 hours per month.

Part-time employees may not be paid for more than their normally scheduled day when using paid sick leave.

Paid sick leave may be used for the following reasons:

- Employee's own illness or injury
- To obtain medical treatment, including routine exams
- To care for a sick or injured family member
- To arrange for or assist a family member in arranging medical or legal services relating to domestic violence, sexual assault, or stalking
- To care for dependent because the school or business where that individual is normally located is closed for public health or safety reasons

For the purposes of sick leave, family member is defined as parent, grandparent, spouse, child, brother, sister, parent-in-law, grandchild, or foster child. Except for emergency situations, employees should make every effort to schedule appointments outside of their regular work day.

Paid Sick Leave for employees who work an average of 18 hrs/week: 48 hours per year, accrued monthly. Employees may carry over unused accrued sick leave from year to year. Part-time employees may not be paid for more than their normally scheduled day when using paid sick leave.

Paid sick leave may be used for the following reasons:

- Employee's own illness or injury
- To obtain medical treatment, including routine exams
- To care for a sick or injured family member
- To arrange for or assist a family member in arranging medical or legal services relating to domestic violence, sexual assault, or stalking
- To care for dependent because the school or business where that individual is normally located is closed for public health or safety reasons

For the purposes of sick leave, family member is defined as parent, grandparent, spouse, child, brother, sister, parent-in-law, grandchild, or foster child. Except for emergency situations, employees should make every effort to schedule appointments outside of their regular work day.

Part-time employees are not entitled to payment for unused sick time upon separation from employment.

APPENDIX IV
VILLAGE OF ESSEX JUNCTION
SUMMARY OF FULL-TIME EMPLOYEE BENEFITS

All benefits (except paid holidays which start immediately) start the first of the month after date of hire.

- ◆ Paid Holidays: 13 scheduled holidays, plus 2 personal holidays of the employee's choice.
- ◆ Paid Vacation: New Hire to 5 years, 3 weeks; 6 years to 10 years, 4 weeks; after 10 years, 5 weeks; after 20 years, 5 weeks and 2 days. Vacation time is accrued monthly.
- ◆ Paid Sick Leave: 18 days per year, accrued monthly.
- ◆ Health Insurance: Employees have the option of choosing either the BCBSVT Platinum plan, the BCBSVT Gold Standard plan, or the Blue Rewards Gold CDHP as defined in the health exchange (Vermont Health Connect). The Village contributes to the monthly premium in a dollar amount equal to 86% of the Platinum plan premium cost. The Village also provides an HRA to pay the first dollars of the annual deductibles and copays in the following amounts: \$2,250 for single subscribers, \$4,500 for employee & spouse, employee & child(ren), employee & family.
- ◆ Dental Insurance: Northeast Delta Dental covers 100% Diagnostic & Preventative; 80% basic; 50% Major (includes implant services). Annual maximum coverage \$1,500 per person. Village pays 100% of the premium, employee pays \$25-\$75 deductible per year. 50% orthodontic coverage for eligible children up to age 19 (lifetime max of \$1,250).
- ◆ Vision: Vision Service Plan, covers one vision exam per year (\$10 copay), \$130 frame allowance every other year; basic lenses every year (\$25 copay); \$130 allowance for contact lenses (may have \$60 copay). Village pays 100% of the premium.
- ◆ Short Term Disability/Life Insurance: \$400 per week short term disability coverage, 2 ½ times base salary up to \$100,000 life insurance. Village pays 100% of the premium.
- ◆ Retirement: ICMA Retirement Corporation 401A. Employees contribute 5% of their regular income, Village contributes 10%.
- ◆ Invest EAP Employee Assistance Program: Free assistance for all Village employees.
- ◆ Tuition Reimbursement: For courses related to jobs within the Village classification system and subject to Manager's approval. Limited to 6 credits per year, based on UVM in-state rates.
- ◆ Gym Membership/Self Betterment Programs: up to \$350 per year reimbursement for gym membership, recreational activities, athletic footwear. This is a taxable fringe benefit.
- ◆ Uniforms (Public Works & Waste Water Departments only): Uniform allowance up to \$750 per year. This is a taxable fringe benefit.

Optional Benefits:

- ◆ 457 Deferred Compensation Plan through the ICMA Retirement Corp. is a tax-deferred savings plan.
- ◆ FSA (Flexible Spending Account). Up to \$2,500 may be set aside, pre-tax to pay qualified medical expenses not covered by insurance and/or the HRA.

APPENDIX V
VILLAGE OF ESSEX JUNCTION
MERIT PAY SCALE

Salary Merit Pay Scale (assumes employee's at GOOD unless otherwise defined)

	Rating	Percentage Increase		
		Min - 25th percentile (low tier)	25% - 50% (mid-tier)	50% to Max. (top tier)
OUTSTANDING	5.00	6.00%	5.000%	4.500%
	4.75	5.75%	4.750%	4.325%
Very Good/Outstanding	4.50	5.50%	4.500%	4.150%
	4.25	5.25%	4.250%	3.975%
VERY GOOD	4.00	5.00%	4.000%	3.800%
	3.75	4.75%	3.875%	3.600%
Good/Very Good	3.50	4.50%	3.750%	3.400%
	3.25	4.25%	3.625%	3.200%
GOOD	3.00	4.00%	3.500%	3.000%
	2.75	3.50%	3.125%	2.675%
Adequate/Good	2.50	3.00%	2.750%	2.350%
	2.25	2.50%	2.375%	2.025%
ADEQUATE	2.00	2.00%	2.000%	1.700%
	1.75	1.50%	1.500%	1.275%
Marg./Adequate	1.50	1.00%	1.000%	0.850%
	1.25	0.50%	0.500%	0.425%
MARGINAL	1.00	0.00%	0.000%	0.000%

Grade	Pay Scale Effective July 1, 2017						
	Minimum	Minimum	Quartile 2	Midpoint	Quartile 3	Maximum	
	Hourly Rate	Annual	25th	50th	75th	None	
0	9.51	19,780.80	10.06	11.14	12.21		
1	10.25	21,320.00	11.48	12.72	13.96		
2	11.79	24,523.20	13.21	14.61	16.05		
3	13.46	27,996.80	15.09	16.70	18.31		
4	14.95	31,096.00	16.73	18.52	20.32		
5	16.61	34,548.80	18.59	20.59	22.58		
6	18.41	38,292.80	20.61	22.82	25.04		
7	20.45	42,536.00	22.91	25.37	27.82		
8	22.69	47,195.20	25.42	28.14	30.86		

APPENDIX VI
VILLAGE OF ESSEX JUNCTION
JOB STRUCTURE

EXEMPT/ NON-EXEMPT	GRADE	JOB CLASSIFICATION/TITLE	PT/FT
NE	n/a	Library Substitute	PT
NE	n/a	Seasonal Grounds Maint./General Labor & Administrative Support	PT
NE	0	Library Assistant/Shelver	PT
NE	1	(No classifications at present)	
NE	2	Library Technical Ass't II Circ. Dept.	PT
NE	3	Library Technical Ass't I Circ. Dept.	PT
NE	3	Library Technical Ass't I Youth & Circ. Dept.	PT
NE	4	Library Technical Assistant I Tech. Svcs.	PT
NE	4	Library Ass't Youth & YA Services	PT
NE	4	Secretary to Water Quality Superintendent	PT
NE	4	Office Assistant	PT
NE	3	Equip Operator/Maint. Tech II	FT
NE	3	Wastewater Plant Attendant	FT
NE	4	Equip Operator/Maint. Tech I	FT
NE	4	Wastewater Plant Operator II	FT
NE	5	Assistant Youth Librarian	FT
NE	5	Assistant Librarian	FT
NE	5	Ass't Zoning Administrator/ Admin Ass't to Community Dev. Director	FT
NE	5	Crew Leader	FT
NE	5	Ec. Dev/Community Relations Ass't.	FT
NE	5	Water System Technician	FT
NE	5	Equip Op/Maint. Tech/Crew Leader	FT
NE	5	Environmental Technician	FT
NE	6	Accountant	FT
NE	6	Administrative Ass't to Village Mgr.	FT
NE	6	Youth Services Librarian	FT
NE	6	Circulation Librarian	FT
NE	6	Wastewater Plant Op I	FT
NE	7	Ass't Chief WW Plant Operator	FT
E	7	Assistant Library Director	FT
NE	8	Public Works Foreman	FT
E	9	Library Director	FT
E	10	HR Dir/Clerk/Treasurer	FT
E	10	Community Development Director	FT
E	11	Water Quality Superintendent	FT
E	11	Public Works Superintendent	FT
E	12	Finance/MIS Director	FT
E	13	Manager	FT



MEMORANDUM

TO: Village Trustees
 FROM: Pat Scheidel, Municipal Manager
 DATE: May 23, 2017
 SUBJECT: Trustees Meeting Schedule

TRUSTEES MEETING SCHEDULE/EVENTS

May 27 10 AM	<i>Memorial Day Parade</i>
June 1 3-5 PM	<i>Employee Appreciation Party</i>
June 13 2:00 PM 6:30 PM	Work Session Regular Meeting
June 27 6:30 PM	Regular Meeting
July 11 6:30 PM	Regular Meeting
July 4 6 PM	<i>4th of July Celebration at Maple St. Park</i>
July 15 4-9 PM	<i>Block Party & Street Dance</i>
July 25 6:30 PM	Regular Meeting

**VILLAGE OF ESSEX JUNCTION
PLANNING COMMISSION
MINUTES OF MEETING
May 4, 2017**

- MEMBERS PRESENT:** David Nistico (Chair); John Alden, Amber Thibeault, Andrew Boutin, Steven Shaw, Joe Weith. (Diane Clemens was absent.)
- ADMINISTRATION:** Robin Pierce, Development Director.
- OTHERS PRESENT:** Gabe Handy, Michelle Dufresne, Luke Willey, Darren & Meredith Connolly, Virginia Hanker, Danny Hanker, Judy Naef, Frank Naef, Anne Whyte, Christine Diem, Janet Wilson, Luke Dousevich, Chris Burnett, Bryan Cho, Jason Rengo, Linda McKenna, George Tyler, Patrick Nolls, Ed von Situs.
- AGENDA:**
1. Call to Order
 2. Audience for Visitors
 3. Additions/Amendments to the Agenda
 4. Minutes
 5. Public Hearing:
 - Site Plan, Four Story Residential Building, 43 Elderly Housing Units, 9 & 11 Park Street, Gabe Handy
 - Master Plan, Mixed Use Development with Drive-Thru Restaurant, Existing Retail Space, and Four Story Hotel with 54 Units, 92-100 Pearl Street, Jiddu/Sittu Trust
 6. Other Planning Commission Items
 7. Adjournment

1. CALL TO ORDER

Chairman David Nistico called the meeting to order at 6 PM and noted going forward the agenda will state public comments will be limited to three minutes or less.

2. AUDIENCE FOR VISITORS

There were no comments from the public on matters outside the agenda items.

3. ADDITIONS/AMENDMENTS TO THE AGENDA

None.

4. MINUTES

March 16, 2017

MOTION by John Alden, SECOND by Amber Thibeault, to approve the minutes of 3/16/17 as written. VOTING: unanimous (6-0); motion carried.

5. PUBLIC HEARING

Site Plan review for Phase 1 of an approved master plan to construct a four story elderly housing building with 43 one bedroom units at 9 & 11 Park Street in the VC

District by Ruggiano Engineering, agent for Handy's Hotels & Rentals, LLC, c/o Gabe Handy, owner

Luke Willey with Ruggiano Engineering, Michelle Dufresne with Innovative Design, and Gabe Handy appeared on behalf of the application. There were no announcements of conflicts of interest or ex parte communication. Individuals to give testimony on the application were sworn in.

STAFF REPORT

The Planning Commission received a written staff report on the application, dated 5/4/17.

APPLICANT COMMENTS

Luke Willey highlighted the following on the elderly housing project proposed for 9 & 11 Park Street (corner of Park Street and Park Terrace):

- The lot is owned by Gabe Handy.
- The master plan was approved last year. Phase 1 includes the development of the wooded back parcel adjacent to Park Street School with 43 units of elderly housing in a four story building. Parking will be underground (20 spaces). There will be eight surface parking spaces.
- Traffic flow will be directed away from Park Terrace. Entry will be off Park Street with exit to the school lot via an access agreement with the school. The existing curb cut on Park Street will be used.
- Municipal water and sewer that will serve the site will be accessed from Park Terrace.
- Storm water will be captured in the driveway area and infiltrate via an underground system in the driveway.
- Sidewalk will be installed along the front entry to the building on Park Street.
- The dumpster pad and dumpster will be enclosed and screened. There is a snow storage area.
- Landscaping will include screening and buffering for the neighboring areas. There will be landscaping around the patio area. Additional landscaping will be added to the front of the site.
- Lighting will include the entryway off Park Street, lights on the building, around the driveway and pedestrian access. The lighting is designed for minimal or zero bleed over to the extent possible. Minimal lighting for pedestrian and traffic use is planned.
- Following a half inch adjustment to the grade elevations all areas are compliant.

Joe Weith asked about storm water drainage and if a state permit from DEC will be needed. Luke Willey said less than an acre of impervious surface will be created so a DEC permit is not needed. The storm water system will meet the Land Development Code requirements. The system includes catch basins and pipes using gravity collection of water to underground chambers. The water will be held and eventually infiltrate out. The system is designed for the 10 year storm. There is an overflow design into the municipal system for storms exceeding the 10 year storm threshold. The storm water system is passive without pumps. The storm water system has some capacity to accommodate Phase 2 of the development depending on the use of the new buildings.

Amber Thibeault asked about utilities. Luke Willey said gas and electric services are not shown on the plan as yet, but it is assumed the services will come off Park Street.

David Nistico asked about the view corridor to the school. Luke Willey stated a strip of existing vegetation will remain in place or will be replaced if lost during construction. David Nistico asked about the grade of the parking garage. Mr. Willey said a grade modification will be done at the entryway of the garage and storm water collected at that location.

There was a question about an easement to alter the area on the school property during construction. Gabe Handy explained there is an easement for egress and a separation of about 15' at the back of the building. Luke Willey stated some construction easements may be needed.

John Alden pointed out the building as shown is on the edge of the lot line so there will not be any vegetative buffer. Luke Willey said the scrub vegetation there now will be left if possible, and if not, then will be replaced according to the site plan. There could be an arrangement with the school to do plantings on the boundary line with the school property. John Alden stated the properties impacted by the development need to be addressed in terms of buffering/screening and the Planning Commission needs to know the treatment. Luke Willey said the landscape plan shows the treatment. The project site is tight and as much space as possible was left for landscaping and screening. Existing vegetation will remain wherever feasible. The buffering/screening is dense evergreens. Around the building will be a mix of low shrubs and perennials. David Nistico referred to the staff notes that say 2% of the project budget will go toward the landscaping. If screening is needed on village/school property some of the landscaping funds can be used. Robin Pierce suggested a hedge which blocks the view of the project and breaks up building mass. The hedgerow should be of different species, evergreens and deciduous trees.

John Alden asked about the emergency exit from the parking garage going onto someone else's property. Michelle Dufresne said if there is an easement for egress from the property there should not be a problem. David Nistico said the easement is for use as a driveway so the emergency exit detail needs to be clarified. A building exit easement may be needed.

John Alden asked about lighting with two heights of bollard lights. Luke Willey said the physical constraints of the site make it difficult to balance the amount of light for vehicles and pedestrians without overflowing onto adjacent properties. The sidewalk and access road on the site will be private.

Joe Weith stated the types, number and size of species to be planted on the west and south property lines need to be shown on the site plan. More screening is needed on the western edge of the driveway and along the northern side. The applicant may want to speak with neighbors on what they want for screening. Also, the sidewalk is shown on

the property line so a slope easement will be needed. Luke Willey said the sidewalk will match the grade of the land.

John Alden observed the building is four stories at the short end and five stories at the exposure on the east end of the parking. Michelle Dufresne reviewed the building elevations. Building colors are dark olive green with beige on top and bronze trim to match the shutters. There will be horizontal vinyl siding and cement board. Windows project out six inches. The entryway projects out 2.5' from the front face of the building.

Andrew Boutin asked what holds the retaining wall together. Luke Willey said the wall is dry stack. The apex is four feet then tapers at the corners. Andrew Boutin suggested the buildings have gables to break up the monolithic appearance.

Joe Weith asked if the existing uses on the property will continue in the Phase 2 portion of the development. Gabe Handy said there are some leases with the existing business that expire in 2018 and other leases that are month-to-month.

PUBLIC COMMENT

Robin Pierce noted an email from a resident was received speaking in favor of having more senior housing in the village.

Meredith and Darren Connolly, 5 School Street, pointed out their house and garage are located close to the property line and will be impacted by the proposed development. The buildings are not shown on the site plan for the development. Ms. Connelly submitted a picture from the Assessor's Office of the Connolly house and garage which is 10' from the property line. It was noted there are hardwood trees that need to be protected during construction. Ms. Connolly asked how high the vegetation or the fence will be, noting with a four story building the residents will be able to look into the bedroom in their house. Michelle Dufresne said the vegetation will not hide the building. The building is part of a master plan for two more buildings along Park Street with store fronts at street level and residential above. There is demand for housing in the village. Windows on the proposed building have been kept to a minimum with most of the windows on the side to help with privacy.

David Nistico noted the proposed plan conforms to the Land Development Code for the VC (Village Center) District. The Code is written to promote this type of development. John Alden added there are ways to do the building so it fits, but the Planning Commission has not yet seen drawings on screening, massing, proximity to neighbors. Having the building closer to the school rather than the residences is good. There is some buffer and screening that can be saved and some added to preserve the view corridor of the historic school.

Joe Weith suggested superimposing the building onto a photo of the site that includes School Street and Park Street School.

Frank and Judy Naef, 4 Park Terrace, stated lights from vehicles will shine into their backyard and onto the back wall of the house. A solid screen of evergreens, not split rail fence, is needed. Robin Pierce again suggested a cedar hedge. Luke Willey pointed out the traffic circulation is one-way and there is screening proposed for headlight shine.

Residents asked about venting for the parking garage and sound proofing measures. Michelle Dufresne said a 'doghouse' structure can be built over the fan in the wall of the garage if noise becomes an issue. The fan runs based on the amount of exhaust.

There was suggestion to have the parking located between the school and the new building. Robin Pierce said it was thought better to locate the building away from backyards and closer to the school which is rarely used at night. John Alden added the proposed building may not be seen if the vegetation that is there now is maintained. Luke Willey said a continuous dense mixed evergreen screening along the entire back property line can be maintained. With the direction of the flow of traffic and the screening there will not be an issue with headlights and that is why a split rail fence is proposed. A hedgerow will impact the sidewalk. Typically pedestrian access is provided to the main entrance of a building, but if the requirements of the village are met for pedestrian access without the sidewalk then the hedgerow can be installed instead. Joe Weith suggested having a visual buffer along the north property line on the Naef side and then sidewalk. John Alden suggested having the paved area for vehicles to back up also be part of the sidewalk. Robin Pierce suggested having a pedestrian sidewalk on the blacktop pulled back from the Naef property and putting in screening.

John Alden asked about a solid fence rather than screening. Frank Naef said their property is screened from the school property now so a semi-solid six foot high fence would be good along with some cedar trees.

Following further discussion there was agreement the applicant needs to work with staff on the landscaping issue.

Janet Wilson, 2 School Street, asked that the applicant do a 3-D model of the buildings and existing structures.

Patrick Nolls, asked about setback requirements. Robin Pierce said the VC District has zero lot lines and a 15' buffer from the property line to the structure between multi-family and residential uses. The Planning Commission can waive the buffer if there is no undue adverse impact on neighboring property. Mr. Nolls observed with the proposal in order to provide screening easements are needed, but if the buffer were maintained there would be screening. It appears to accommodate the residents there must be encroachment on their property for screening and that does not seem right. Robin Pierce noted encroachment on surrounding property for screening was one suggestion, but other ideas for buffering have been discussed. Mr. Nolls asked if there is other space available for an elderly housing building. David Nistico stated the application before the Planning Commission is for a project on the lot as noted.

Anne Whyte, 10 School Street, said the neighbors met and compiled a list of concerns that will be forwarded to the Planning Commission. The residents are not anti-growth, but are pro-smart growth and feel the building as shown in the current rendering does not fit the site. The list of concerns include:

- A 3-D model is imperative (not a superimposed picture).
- Access and sidewalk are important features for senior housing.
- Parking requirements are not adequate. Many seniors have a car. Guest parking is needed. Handicap spaces need to be wider and shown on the plan.
- The nearest bus stop is a 10 minute walk so do not eliminate the pedestrian features.
- The turning radius needs to accommodate delivery trucks, ambulances, the senior van, garbage trucks, fire trucks without impinging on parking spaces.
- Headlights are an issue because people do back into parking spaces.
- Bike racks are needed.
- The dumpster is close to the lot line. Odors, vermin are issues with dumpsters. The enclosure should not be a chain link fence because that does not screen the view of the dumpster.
- A waiver will be needed for construction vehicles.
- A guarantee is needed that the senior housing designation will not change.
- Details on design, materials, scale, massing are needed because the building is close to an historic building.
- State input is needed on the proposed building being so close to an existing historic building.
- If the building were not so large the setbacks would not be an issue and many other problems would also be solved. The building should fit with the Land Development Code and the character of the neighborhood, but just because the building fits with the Code does not mean it is right for the area.
- The parking should have 20% shade per the regulations.
- How water and sewer services will impact Park Terrace and School Street needs to be known. Details are needed on infrastructure.

Ed von Situs, 69 year resident of the village, spoke in support of the proposal and more senior housing in the community and the county. It can take 4-5 years to get into senior housing. Most seniors only have one car, not two as was suggested by Ms. Whyte. And a bus stop is minutes from the project site contrary to what Ms. Whyte said. The landscaping issue can be solved by the developer and the residents discussing solutions. School Street residents do not want to look at a building, but with a little cooperation the project could be something the village and town are proud of in the village center and not located on the outskirts.

Frank Naef, 4 Park Terrace, stated there are good items with the project, such as the entrance to the property, having a private driveway, and using the grade of the land to have underground parking, but the height of the building could be reduced one story and blend better with building materials. A 3-D model is imperative.

Linda McKenna, 9 School Street, said the construction for 4 Pearl Street damaged her private sewer line. The cost to tie into the main line was \$27,000. The sewer infrastructure is fragile and a concern. Park Terrace has become a highway for large 18 wheeler trucks. Luke Willey said the plan is to connect to the sewer service at the existing manhole.

Michelle Dufresne said the building will have small one bedroom apartments at market rate or below so higher cost veneers on the building will not work with the budget. The average age of the residents in the building are anticipated to be late 70s. Delivery trucks and fire trucks can access the building.

Gabe Handy said a similar senior housing building he owns in Fairfax has 47 units. The average age of the residents is 75 years or older, mostly widowers who no longer want to mow or shovel. The units are studio and one bedroom apartments. With the village project, the parking meets the requirements of the Code. The Village Engineer has reviewed the plans. The goal is to offer affordable senior housing so people can remain in the village. There have been many calls already by people who want to live in the units. Mr. Handy said he is willing to work with residents and staff.

Luke Willey stated the dumpster enclosure with a privacy fence conforms to village requirements. The Fire Department was involved with the turning radius and all conform. The parking aisles all conform. The Village Engineer and Village Public Works have looked at the water/sewer service plans. Any issues have been addressed. There are no issues with sizing or capacity.

There were no further comments.

MOTION by Amber Thibeault, SECOND by Steven Shaw, to close the public hearing for 9 & 11 Park Street. VOTING: unanimous (6-0); motion carried.

DELIBERATION/DECISION

Site Plan for Phase 1 of an approved master plan to construct a four story multi-unit elderly housing building with 43 one bedroom apartments at 9 & 11 Park Street in the VC District by Ruggiano Engineering, agent for Handy's Hotels & Rentals, LLC, c/o Gabe Handy, owner

The Planning Commission discussed items that should be addressed by the applicant including:

1. Building size and relationship to the historic village center needs to be addressed including how the building scale and mass fit into the site and with the surrounding neighborhood. Architectural treatment of the building should comply with the Design Review and Historic Preservation section of the Land Development Code.
2. Appropriate screening and buffering needs to be provided.
3. A 15' buffer per the requirement is needed along the west and north property lines. The requirement must be met or a waiver requested.
4. The bike rack requirement must be met.

5. All other requirements in the Land Development Code must be met. The applicant should address aesthetics of the building. Gables could be added to break up the monolithic look. Building design in Highland Village is one example for guidance. Section 604 of the Land Development Code spells out the VC District requirements. Architectural details are needed on materials, textures, colors, and such.
6. The applicant needs to work with the Village Engineer to address the issue of sewer backup not reoccurring due to the project.

MOTION by Amber Thibeault, SECOND by Joe Weith, to table the application for a four story building with 43 units of senior housing at 9 & 11 Park Street pending further information from the applicant as noted in items 1-6 above and pertaining to building size, screening, buffers, bike rack, building design and aesthetics, sewer service, and meeting all pertinent requirements in the Land Development Code VOTING: unanimous (6-0); motion carried.

Master Plan review for a mixed use development on 1.88 acres to include a drive-thru restaurant, existing retail space, and four story 54 unit hotel at 92-100 Pearl Street in the TOD by Jiddu/Sittu Trust, owners

David Nistico announced the applicant requested review of the master plan be tabled.

MOTION by John Alden, SECOND by Andrew Boutin, to table review of the master plan for 92-100 Pearl Street per the request of the applicant. VOTING: unanimous (6-0); motion carried.

6. OTHER PLANNING COMMISSION ITEMS

Next Meeting Agenda

Discussion of supporting the cooperation between the village and town planning commissions will be held at the next meeting of the Village Planning Commission.

Essex Town Center

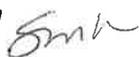
Announcement was made of an open house on 5/20/17 at the Inn at Essex starting at Noon to discuss ideas for the Essex Town Center and ongoing development.

7. ADJOURNMENT

MOTION by Amber Thibeault, SECOND by John Alden, to adjourn the meeting. VOTING: unanimous (6-0); motion carried.

The meeting was adjourned at 8:10 PM.

Rcdg Scty: MERiordan



MINUTES SUBJECT TO CORRECTION BY THE ESSEX JUNCTION BIKE/WALK ADVISORY COMMITTEE. CHANGES, IF ANY, WILL BE RECORDED IN THE MINUTES OF THE NEXT MEETING OF THE COMMITTEE.

**VILLAGE OF ESSEX JUNCTION
BIKE/WALK ADVISORY COMMITTEE
MINUTES OF MEETING
May 8, 2017**

MEMBERS PRESENT: Rick Hamlin, Jud Lawrie, Gabe Epstein, Micah Hagan, Raj Chawla, Phoebe Spencer (via Skype), Eric Bowker

ADMINISTRATION: Darby Mayville, Community Relations/Economic Development Assistant

1. CALL TO ORDER

Rick called the meeting to order at 5:45 PM.

2. MINUTES REVIEW

MOTION by MICAH, SECOND by JUD, to approve the APRIL meeting minutes. ALL IN FAVOR. MOTION PASSED.

3. CYCLE DE MAYO

The committee updated their task list for Saturday's event:

What	Who	Comments/Status
Contact local bike shops to see if any of them are able to attend and/or provide raffle prizes.	Eric	In progress. Expects to have some prizes available.
Acquire materials for the bike skills course – cones, etc.	“	In hand.
Contact Richard Tom Foundation.	“	Pending
Conduct Bike Rodeo.	“	
Confirm date with EJRP.	“	Done.
Ask Rosalind Hutton if she is able to help out with the event.	“	Will do this week.
Get in touch with bike polo players.	“	Not yet.
Check into the possibility of moving the event location to the front parking lot at EJRP.	“	Done.
Contact Cycle Recycle re. participating, interest in receiving bicycle donations.	“	Waiting to hear back.

Tables, chairs.	“	Will get from EJRP
Pavement marking spray cans.	Rick	In hand.
Logo stickers for event.	“	Will do.
Barrels	“	Will do.
Helium balloons	“	In hand.
Caution tape	“	In hand.
Waiver/Release Form	:	Will add text about photos from Raj.
Event info on CVE sign.	“	
Add year of event to the logo.	“	
Contact Del’s Ride.	Raj	
Contact the Green Mountain Bike Club, the Fellowship of the Wheel, and the Essex Trails Committee.	“	No response.
Scavenger Hunt	“	In progress. Committee reviewed draft. Need to buy golf pencils.
Contact Local Motion to see if they can assist.	Phoebe	No response.
Purchase ice cream vouchers	Gabe	Will do.
Lend work stand.	Jeff	Will leave in garage.
Tire pump/repair tools	Micah	Will bring.
Contact chilidog cart vendor.	“	Confirmed.
Continue to coordinate with the Maple Street Pump Track.	“	Working on it.
BWAC shirt printing.	Darby	Shirts ready.
Create an event page on Facebook, tag existing businesses.	“	Done. Will tag businesses once available.
Media relations.	“	Event listed on: 7 Days, Burlington Free Press, Find and Go Seek, and the Essex Reporter.
Raffle tickets	“	In hand.
Photos	Raj	Will do if there is something about photos in the release form.
Banner	Darby	Cycle de Mayo banner will be displayed the week before the event.
Two pop up tents	Jud/Rick	In hand.
Push brooms	Raj/Gabe	In hand.

6. PUBLIC INPUT

Raj mentioned that he had spoken to Jake Tran (owner of Firebird Café and Nest) about his interest in putting a bike repair station at Nest. Darby suggested using the Go! Vermont grant for this purpose. He also noted that Jake would be using a cargo bike to transport supplies between the two restaurants. Jake also expressed interest in getting more racks in the downtown area.

Rick said that he would mention this need to his contacts at CTE who were assisting with bike rack construction.

Eric mentioned that he had attended the recent school transportation meeting, and that busing in the Junction will be happening next year.

7. NEXT MEETING & AGENDA

The next meeting will be held on June 19th at 5:45 PM. The agenda will include:

- Minutes Review;
- Cycle de Mayo Follow Up;
- Bike Rack Repair Station;
- Public Input.

8. ADJOURNMENT

MOTION by RICK, SECOND by ERIC to ADJOURN. Adjourned at 6:49 PM.

Respectfully submitted, Darby Mayville.

**Patricia E. Eno
16 Lamoille Street
Essex Junction, VT 05452
(802) 879-6137**

RECEIVED

MAY 08 2017

Village of Essex Junction

**Village of Essex Junction
2 Lincoln Street
Essex Junction, VT 05452
Attn: Capital Committee
Andrew Brown, Chairman**

May 9, 2017

Dear Mr. Brown,

Please find enclosed a petition signed by more than 85% of the residents of Lamoille Street. We respectfully request that you seriously consider our concerns and respond to us as soon as possible as to when this situation can be rectified. We eagerly await your reply.

Thank you,



Patricia E. Eno

enc. Petition

Petition from the Residents of Lamoille Street

We, the residents of Lamoille St., wish to inform the Capital Committee and Andrew Brown, Chairman, that we are very displeased with the condition of our street. We are petitioning for the Village of Essex Junction to address our concerns and do extensive updates to our water and sewer lines and repave our road.

Since 1977, eleven new households have been added to this short dead end street but no improvements have been made to the water or sewer line. It is our understanding that the existing 4" water line is probably the original one and that it should now be an 8" line. This is a serious concern and we want it upgraded immediately. We have been told that Lamoille Street will not be repaved until the water line is upgraded and the sewer line inspected.

It is important for you to understand that the condition of this street is having a negative impact on our property values and is causing damage to our vehicles, and to the Village's vehicles, as well. The multiple "band aid" patches of cold patch and/or hot mix do not adhere to the existing pavement. There are large segments of asphalt and loose asphalt gravel everywhere. The potholes and sink holes make it dangerous and difficult to drive down this street. Families with pets deal with gravel getting stuck in the animal's paws; we have no sidewalks and families with baby carriages, wheelchairs, scooters, and bicycles have to share the road with cars that are trying not to hit a pothole.

We respectfully ask that we be advised when we may expect a remedy to this situation.

Thank you.

NAME & ADDRESS:

Patricia Eno	16 Lamoille St.	879-6137
- Charlie Timmons	12 Lamoille	578-4890
- Chandra Poklurel	1 Lamoille St	802-503-6883
- Jonathan Florucci	4 Lamoille St	802-922-4704
- Chad Cole	2 Lamoille St	802-318-3553
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(see p.2)

- Vicki Fawcett	23 Lamoille St.	878-2556
- Amy Vensel	30 Lamoille St	288-8185
- Sarah Zobel	31 Lamoille St.	872-0116
- Donny Morgan	32 Lamoille St.	802-318-6843
- Marcy Morgan	32 Lamoille St.	802-318-2156
- David Vian	27 Lamoille St	802-878-5709
- Daniel Blumkinslip	27 Lamoille St	802-878-5709
- Kathy Houston	134 Lamoille St	802-399-4520
- Brian Glogocski	13 Appletree Ln	802-279-6287
- Diono French	11 Lamoille St Apt A	802-310-9714
- Roger St	11 Lamoille	802-825-1880
- Shirley	11 Lamoille St APT E	
- AT	20 Lamoille	
- Haru Madhu	24 Lamoille	802-878-0591
- Paul W Paracka	25 LAMOILLE	
- Michelle Paracka	25 Lamoille	
- L Knox	26 Lamoille ST	
- Rae Blau	14 Lamoille St	
- Kathryn Rick	7 LAMOILLE ST	571-5635
- John	10 LAMOILLE	802-373-3990
- Kathryn Brayton	5 Appletree Lane	802-999-2097
- Sim Brayton	5 Appletree Lane	802-999-2097

(See p. 3)

- Tom Dalton 6 Lamaille St. 355-1685

- Brian Kennedy 21 Lamaille St 238-4090

- Joe Eaton 17 Lamaille St 318-2976

- Katie Ballard 17 Lamaille St 324-5767

- Karyn Roberts 28 Lamaille St 878-6064

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EJRP Director's Report

May 2017

1. Recent or pending celebrations for Staff and RAC Members

- Jen Luck, Brad's wife, gave birth to Harper Anne Luck on April 23. All are doing well!
- Kirsten Domas is having her wedding on June 24.

2. Progress made over the past month on facilities or programs

- With the support of CCSU and Village/Town staff, as well as outside contractors, we have been moving towards transitioning things out of the school district and under the Village. So far we have successfully moved our e-mails, phones, internet service, and many of our online accounts.
- We had a successful trip to Washington, DC, with 48 eighth graders over April break!
- Our fifth and final session of Afterschool Enrichment activities is currently underway. We will assess the success of the program in its inaugural year this summer as we plan for the fall.
- Village Kids is full in the fall at the three elementary schools, with just one part-time spot at Hiawatha and Summit. Families are still encouraged to sign-up on the waitlist if they need care since there is often some movement over the summer. There is limited space at the Maple Street site for kindergarteners.
- There are a couple of spots remaining in the 3/4 preschool classroom, starting in the fall.
- With the exception of July 4 week, every session of Camp Maple Street and Camp REACH is full with a waitlist. One of the weeks of Camp STAR is full, the others are near capacity.
- We are pretty much fully hired for the summer. About 85% of our staff are returning members.
- We have continued our training on a new version of RecTrac and WebTrac, our recreation software. The new system will go live at the end of August.

3. Facility or program priorities for the next month

- We will continue with the transition to the Village. Upcoming focal points include: insurance, accounts payable, employee system management, bank accounts, online time sheets, cell phones, and more.
- Our Special Events brochure will come out in late May. We are pleased to announce "Friday Nights at the Park," a combination of our former Friday Night Family Fun Series and the 5 Corners Farmers Market, every Friday night this summer. There will be live music, a featured performance of the night (magician, juggler, trivia, music), free swimming for Village residents, and local food vendors will line the pathways of the park for families to grab Friday night food. Weekly vendors currently include Mediterranean Mix, the Taco Truck, a hotdog stand, and Kingdom Creamery Ice Cream. A series of rotating vendors will also be added each week.
- ADL physical education classes will kick-off the pool season starting on Tuesday, May 30. The pool will open to the public on Saturday, June 17.

4. Community events over the next month.

- Father's Day Fun Run – June 18

5. Communications scheduled over the next month

- Usual: social media updates, e-newsletter, web postings, flyers in schools for programs, e-mails, etc.
- Summer Special Events brochure – late May

**VILLAGE OF ESSEX JUNCTION
BOARD OF TRUSTEES
MINUTES OF MEETING
May 9, 2017**

BOARD OF TRUSTEES: George Tyler (Village President); Elaine Sopchak, Andrew Brown, Dan Kerin, Lori Houghton.

ADMINISTRATION: Pat Scheidel, Municipal Manager; Lauren Morrisseau, Finance Director/Assistant Manager; Darby Mayville, Community Relations Assistant; Rick Hamlin, Village Engineer.

OTHERS PRESENT: Stephanie Teleen, Julie Miller-Johnson, Kristin Humbarger, Dennis Lutz, Aaron Martin, Greg Morgan, Sarah Reeves, Evan Alvanos, Colin Flanders (Essex Reporter).

[Note: Minutes reflect the order of the published agenda.]

1. CALL TO ORDER and PLEDGE OF ALLEGIANCE

Village President, George Tyler, called the meeting to order at 6:30 PM and led the assemblage in the Pledge of Allegiance.

2. AGENDA CHANGES/APPROVAL

There were no changes to the agenda.

3. GUESTS, PRESENTATIONS, PUBLIC HEARINGS

1. Comments from Public on Items Not on Agenda

None.

2. Public Hearing: Proposed Uses of One Cent Economic Development Fund

The public hearing was opened at 6:32 PM. George Tyler stated two proposed uses of funds accrued in the One Cent Economic Development Fund include up to \$10,000 for improvements to the parking area behind Road ResQ for public parking and up to \$5,000 for banners on the streetlights.

PUBLIC COMMENTS

Greg Morgan, Grove Street, spoke in support of the use of the economic development fund, noting the money will allow the Trustees to experiment with space in the village that is idle or underutilized and can lead into other planned projects such as the crescent connector road, potential hotel on Pearl Street, senior housing on Park Street, the arts festival and the farmers market.

There were no further comments. The public hearing was closed at 6:40 PM.

MOTION by George Tyler, SECOND by Elaine Sopchak, to authorize staff to use up to \$10,000 for economic development to proceed with the parking lot behind

Road ResQ first and then the banners following discussion between Lori Houghton and staff. VOTING: unanimous (5-0); motion carried.

3. FYE18 CSWD Proposed Budget

Sarah Reeves, CSWD General Manager, reported the financial outlook of Chittenden Solid Waste District is strong. The proposed FYE18 budget of \$11,282,932 reflects a 9% increase in both revenues and expenditures due to an increase in the amount of materials to be processed and cost of health care and insurance. There is no increase in the solid waste management fee or the MRF tip fee, and a slight decrease in the management fee for biosolids. The fee charged to Green Mountain Compost will be normalized at \$52/ton. There will be a charge of \$1.50 per bucket of organics (food scraps) dropped off at the Drop Off Center without trash or recyclables. If there is trash and recyclables there is no charge for the organics. The \$1.50 fee is to cover the cost of handling and managing food scraps.

George Tyler asked about legislation on organics and food scraps. Sarah Reeves said the legislature passed an amendment to Act 148 delaying the requirement to July 1, 2018 for haulers to include collection of organics in their trash pick-up. Businesses and restaurants are required now to separate organics from trash. Residents will be required to separate organics from trash and recyclables as of July 1, 2020.

Sarah Reeves commented positively on Alan Nye as the representative from Essex Junction on the CSWD board, noting Mr. Nye brings a practical eye and voice to the board.

MOTION by George Tyler, SECOND by Elaine Sopchak, to approve the FYE18 CSWD budget as presented. VOTING: unanimous (5-0); motion carried.

4. OLD BUSINESS

1. Update on Public Works Consolidation

Dennis Lutz, Essex Public Works Director, reported the MOU for consolidation of public works services is up for review and action. Options include continuing the MOU as is, modifying the agreement, changing direction, or terminating the agreement. Not all public works functions are consolidated. It is suggested a review committee be formed to evaluate the consolidation of services. The committee would include two members of the Board of Trustees, two members of the Selectboard, and a third independent party with municipal and/or public works experience. The storm water work between the village and town does not have an end date and will continue.

George Tyler clarified the public works departments of the village and town have not been consolidated. To do this would require transfer of property and equipment. There are also workers in the Employees Association to consider. Dennis Lutz agreed, adding the consolidation involves the work being done by the two departments.

Following discussion the Trustees agreed to continue the MOU on consolidated services, making any necessary adjustments. There was also agreement discussion of governance

must be done. Andrew Brown volunteered for the review committee. Elaine Sopchak also volunteered and suggested in addition to the MOU an analysis be done of centralizing rolling stock and comparing how each community ranks projects.

MOTION by Lori Houghton, SECOND by Andrew Brown, that the Trustees accept and adopt the recommendations for review of the consolidation of Public Works highway and management functions as set forth in the memorandum, dated April 18, 2017. VOTING: unanimous (5-0); motion carried.

MOTION by George Tyler, SECOND by Dan Kerin, to nominate Elaine Sopchak and Andrew Brown to the Public Works Coordinating Committee. VOTING: unanimous (5-0); motion carried.

2. Bid Award for FYE18 Paving

Dennis Lutz explained the policy not to accept bids with errors and that bidders need to demonstrate they are pre-qualified paving contractors. The recommendation is to award the bid to ECI, a qualified bidder though not the low bidder. The project fits within the budget.

MOTION by Dan Kerin, SECOND by Elaine Sopchak, to award the FYE2018 paving bid to ECI of Williston, Vermont for the total bid amount of \$489,695.10. VOTING: unanimous (5-0); motion carried.

3. Update on 2017 Neighbors Day

Stephanie Teleen and Darby Mayville reviewed the plans for Neighbors Day 2017. There are eight confirmed locations to date. People are asked to register their site on the Neighbors Day Facebook page. The event is being advertised on social media, in the local newspaper, through a brochure, and on local television. There will be follow up after the event. Photos will be posted. Hannaford's is donating some gift cards to help provide snacks.

4. Adopt Revised FYE18 Capital Reserve Plan

Lauren Morrissette reported there are funds available due to the Hillcrest sidewalk project coming in under budget. The recommendation is to use some of the funds for the South Street drainage project and Lincoln Hall parking lot project.

There was discussion of the cost figures. Lauren Morrissette will provide an explanation of the calculations. Action on adoption of the revised capital reserve plan was tabled pending further information from staff.

5. NEW BUSINESS

1. Proposed Arts Festival

Julie Miller-Johnson and Kristin Humbarger explained the proposed arts hop style festival (SteAm-fest) to honor the history of the village and celebrate education, industry, technology, and resources in the community. The two day event will occur September 29 & 30, 2017 and include an artist market, juried art event, hands-on Maker movement, and

speaker series of artists and people in the STEM field whose work is explored through art, experience, and aesthetics. The cost of the festival is estimated at \$12,000 to be offset by revenue from marketing fees and sponsorships. Trustees support by being a sponsor and providing funding, allowing use of the Community Relations Assistant, Darby Mayville, and allowing use of village tents and electricity is requested.

There was continued discussion of the event that will allow the community to be experienced and seen in a different light. The consensus of the Trustees is in support of the event. Pat Scheidel will work with the organizers on staff time, technology, electricity needs, and use of public space.

2. Trustees Retreat, Schedule and Topics

Following discussion there was agreement the Trustees retreat will be June 13, 2017 beginning at 2 PM. Topics include manager recruitment, public works MOU, TGIA, governance, local development corp., TIF. Forward additional topics to George Tyler.

6. MANAGER'S REPORT

1. Meeting Schedule – Regular Trustees Meetings @ 6:30 PM

- May 23, 2017
- June 13, 2017
- June 27, 2017
- July 11, 2017
- July 25, 2017

* May 27, 2017 @ 10 AM – Memorial Day Parade

* June 13, 2017 @ 2 PM – Trustees Retreat

* July 4, 2017 @ 6 PM – July 4th Celebration at Maple St. Park

* July 15, 2017 @ 4 PM – Block Party & Street Dance

7. TRUSTEES COMMENTS/CONCERNS & READING FILE

1. Board Member Comments

- Lori Houghton reported on the TIF discussion by the state legislature, noting there will be a number for the entire state and economic factors.
- Elaine Sopchak suggested the Essex Selectboard be invited to the Trustees meeting on May 23, 2017 to discuss TIF funding with the Trustees.
- The need to discuss governance was again stressed by the Trustees.

2. Reading File

- Minutes:
 - Block Party Committee 4/24/17
 - Capital Program Review Committee 5/2/17

8. CONSENT AGENDA

MOTION by Andrew Brown, SECOND by Lori Houghton, to approve the consent agenda as follows:

1. Approve Minutes of Previous Meeting(s) 4/25/17
2. Expense Warrant #17042, dated 4/28/17, in the amount of \$56,957.23.

3. Expense Warrant #17043, dated 5/5/17, in the amount of \$137,284.28.

4. Request for Streetlight on Grandview Avenue.

VOTING: unanimous (5-0); motion carried.

9. **EXECUTIVE SESSION**

MOTION by Elaine Sopchak, SECOND by Lori Houghton, to go into Executive Session to evaluate contract negotiations in accordance with 1VSA313(a)(1)(B) and to invite the Municipal Manager and the Assistant Manager to attend. VOTING: unanimous (5-0); motion carried.

MOTION by Elaine Sopchak, SECOND by Dan Kerin, to go into Executive Session to discuss a personnel matter in accordance with 1VSA313(a)(3) and to include the Municipal Manager and the Assistant Manager. VOTING: unanimous (4-0)[Lori Houghton not present for vote]; motion carried.

Executive Session convened at 8:30 PM.

MOTION by Elaine Sopchak, SECOND by Andrew Brown, to adjourn Executive Session and reconvene the regular meeting. VOTING: unanimous (5-0); motion carried.

Executive Session was adjourned and the regular meeting reconvened at 9 PM.

ACTION FOLLOWING EXECUTIVE SESSION

MOTION by George Tyler, SECOND by Dan Kerin, to authorize the Municipal Manager to approve the new Essex Junction Employees Association contract. VOTING: unanimous (5-0); motion carried.

MOTION by Elaine Sopchak, SECOND by George Tyler, to authorize the Municipal Manager to sign a letter on the change of employment status for an employee. VOTING: unanimous (5-0); motion carried.

10. **ADJOURNMENT**

MOTION by Dan Kerin, SECOND by Andrew Brown, to adjourn the meeting. VOTING: unanimous (5-0); motion carried.

The meeting was adjourned at 9:05 PM.

RScty: M.E.Riordan

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
05290	ADVANCE AUTO PARTS	04/25/17	VF DEF 455271152959	210-42220.432 VEHICLE MAINTENANCE	5.99	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/19/17	ST filters 552710948620	210-43110.432 VEHICLE MAINTENANCE	123.04	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/25/17	ST scuff pad 552711529611	210-43110.610 SUPPLIES	6.80	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/25/17	ST brush 552711558813	210-43110.610 SUPPLIES	10.91	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/26/17	ST masking tape 552711635740	210-43110.610 SUPPLIES	5.49	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/26/17	ST brush 552711648971	210-43110.610 SUPPLIES	24.68	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/26/17	ST small equip parts 552711658872	210-43110.570 MAINTENANCE OTHER	54.22	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/26/17	ST winch 552711669725	210-43110.610 SUPPLIES	35.14	10499	05/12/17
05290	ADVANCE AUTO PARTS	04/28/17	ST DEF 552711829705	210-43110.626 GAS,GREASE AND OIL	36.00	10499	05/12/17
V10301	BARRA, PLC DAVID A.	05/01/17	CDAD Apr legal fees 050117D	210-41320.320 LEGAL SERVICES	2392.50	10501	05/12/17
V10301	BARRA, PLC DAVID A.	05/01/17	CDAD Apr legal fees 050117D	210-15102.000 EXCHANGE - ENGI/LEGAL	808.50	10501	05/12/17
23635	BAY STATE ELEVATOR COMPAN	05/01/17	BL elevator 445455	210-45551.434 MAINT. BUILDINGS/GROUNDS	278.94	10503	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17	VA June health ins 27350001189	210-15109.000 EXCHANGE - COBRA	686.76	10506	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17	VA June health ins 27350001189	210-41970.210 HEALTH INS & OTHER BENEFIT	1849.94	10506	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17	VA June health ins 27350001189	210-43151.210 HEALTH INS & OTHER BENEFIT	490.24	10506	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17	VA June health ins 27350001189	210-41320.210 HEALTH INS & OTHER BENEFIT	3699.89	10506	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17	VA June health ins 27350001189	210-45551.210 HEALTH INS & OTHER BENEFIT	5549.83	10506	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17	VA June health ins 27350001189	210-43110.210 HEALTH INS & OTHER BENEFIT	3144.90	10506	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17	VA June health ins 27350001189	210-41335.210 HEALTH INS & OTHER BENEFIT	924.97	10506	05/12/17
10510	BLUE TARP FINANCIAL INC	03/28/17	ST batteries 715884-A	210-43110.610 SUPPLIES	20.68	10507	05/12/17
10510	BLUE TARP FINANCIAL INC	03/28/17	ST bolts 715885-B	210-43110.610 SUPPLIES	35.11	10507	05/12/17
10510	BLUE TARP FINANCIAL INC	04/06/17	ST paint 715911E	210-43110.610 SUPPLIES	50.22	10507	05/12/17
10510	BLUE TARP FINANCIAL INC	04/07/17	ST tape 715917F	210-43110.610 SUPPLIES	17.98	10507	05/12/17
10510	BLUE TARP FINANCIAL INC	04/14/17	ST bag control 715935G	210-43110.610 SUPPLIES	23.31	10507	05/12/17
10510	BLUE TARP FINANCIAL INC	04/17/17	ST knife utility 715941I	210-43110.610 SUPPLIES	15.72	10507	05/12/17

05/15/17
08:13 am

Town of Essex / Village of EJ Accounts Payable
Check Warrant Report # 17044 Current Prior Next FY Invoices For Fund (GENERAL FUND)
For Check Acct 01(GENERAL FUND) All check #s 05/12/17 To 05/12/17 & Fund 2

Page 2 of 5
HPackard

Vendor	Invoice Date	Invoice Description	Account	Amount Paid	Check Number	Check Date
10510	04/18/17	BLUE TARP FINANCIAL INC ST rake 715945J	210-43110.610 SUPPLIES	43.98	10507	05/12/17
10510	04/21/17	BLUE TARP FINANCIAL INC ST mail box 715952K	210-43125.610 WINTER MAINTENANCE	26.99	10507	05/12/17
10510	04/22/17	BLUE TARP FINANCIAL INC BL supplies 715955L	210-45551.610 SUPPLIES	16.86	10507	05/12/17
00530	04/27/17	BRODART CO BL books B4908387	210-45551.641 JUVEN COLLECTION-PRNT & E	10.44	10509	05/12/17
00530	04/27/17	BRODART CO BL books B4908387	210-45551.610 SUPPLIES	0.90	10509	05/12/17
00530	04/11/17	BRODART CO BF books B4962023	210-49345.000 LIBRARY DONATION EXPENDIT	32.58	10509	05/12/17
00530	04/27/17	BRODART CO BF books B4980271	210-49345.000 LIBRARY DONATION EXPENDIT	32.04	10509	05/12/17
00530	05/01/17	BRODART CO BL books B4982785	210-45551.640 ADULT COLLECTION-PRINT &	382.71	10509	05/12/17
00530	05/01/17	BRODART CO BL books B4982785	210-45551.610 SUPPLIES	23.40	10509	05/12/17
V0455	05/01/17	CANON SOLUTIONS AMERICA BL copier 4022161473	210-45551.610 SUPPLIES	79.45	10510	05/12/17
V10614	03/23/17	CHOICE ADMINISTRATION & H AD cobra admin svcs 6170	210-41320.210 HEALTH INS & OTHER BENEFIT	30.00	10512	05/12/17
21210	03/23/17	CINTAS ST first aid 5004616497	210-43110.612 UNIFORMS,BOOTS,ETC	166.56	10513	05/12/17
35360	04/10/17	CYR LUMBER ST gravel and topsoil 04102017D	210-43110.616 GRAVEL,TOPSOIL	588.00	10520	05/12/17
25715	04/28/17	DONALD L. HAMLIN CONSULT CD 9/11 Par eng Mar 04271716-826	210-15102.000 EXCHANGE - ENGI/LEGAL	945.00	10521	05/12/17
25715	04/28/17	DONALD L. HAMLIN CONSULT CD 92-100 Pearl eng Mar 04271717803	210-15102.000 EXCHANGE - ENGI/LEGAL	966.00	10521	05/12/17
25715	04/28/17	DONALD L. HAMLIN CONSULT CD 13-15 Church eng Mar 04271717804	210-15102.000 EXCHANGE - ENGI/LEGAL	700.00	10521	05/12/17
25715	04/28/17	DONALD L. HAMLIN CONSULT ST plan review 15 U Main 04271717828	210-43110.576 ENGINEERING SERVICES	976.00	10521	05/12/17
V10576	05/05/17	ECOPIXEL LLC APR website svcs 2324	210-41320.340 COMPUTER EXPENSES	129.00	10523	05/12/17
01010	04/17/17	ESSEX AGWAY ST seed 322411	210-43110.616 GRAVEL,TOPSOIL	99.99	10525	05/12/17
01010	04/17/17	ESSEX AGWAY ST seed 322416	210-43110.616 GRAVEL,TOPSOIL	89.99	10525	05/12/17
01010	04/17/17	ESSEX AGWAY ST straw, seed 322419	210-43110.616 GRAVEL,TOPSOIL	113.97	10525	05/12/17
01010	04/18/17	ESSEX AGWAY ST hay 322433	210-43110.616 GRAVEL,TOPSOIL	10.78	10525	05/12/17
01010	04/19/17	ESSEX AGWAY ST seed 322456	210-43110.616 GRAVEL,TOPSOIL	89.99	10525	05/12/17
01010	04/19/17	ESSEX AGWAY ST straw 322457	210-43110.616 GRAVEL,TOPSOIL	12.58	10525	05/12/17
01010	04/18/17	ESSEX AGWAY ST straw 322460	210-43110.616 GRAVEL,TOPSOIL	12.58	10525	05/12/17

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
01010	ESSEX AGWAY	04/20/17 ST straw, seed 322472	210-43110.616 GRAVEL,TOPSOIL	102.57	10525	05/12/17
01010	ESSEX AGWAY	04/24/17 ST grass seed 322518	210-43110.616 GRAVEL,TOPSOIL	149.95	10525	05/12/17
01010	ESSEX AGWAY	04/24/17 ST straw 322531	210-43110.616 GRAVEL,TOPSOIL	8.99	10525	05/12/17
01010	ESSEX AGWAY	04/24/17 ST straw, seed 322535	210-43110.616 GRAVEL,TOPSOIL	107.97	10525	05/12/17
01010	ESSEX AGWAY	04/19/17 ST GRASS SEED 60143	210-43110.616 GRAVEL,TOPSOIL	89.99	10525	05/12/17
23215	ESSEX EQUIPMENT INC	04/26/17 ST blade lute replacement 106353930001	210-43110.610 SUPPLIES	127.60	10526	05/12/17
23215	ESSEX EQUIPMENT INC	05/01/17 ST filter 106359620001	210-43110.570 MAINTENANCE OTHER	14.94	10526	05/12/17
38955	F W WEBB COMPANY	04/25/17 ST sump pump 54606810	210-43161.002 MEMORIAL PARK	162.57	10527	05/12/17
16000	FISHER AUTO PARTS	05/01/17 ST air filter 293182672	210-43110.570 MAINTENANCE OTHER	46.17	10532	05/12/17
16000	FISHER AUTO PARTS	05/01/17 ST spark plug 293182673	210-43110.570 MAINTENANCE OTHER	7.14	10532	05/12/17
16000	FISHER AUTO PARTS	05/02/17 ST lawn mower filters 293182780	210-43110.570 MAINTENANCE OTHER	138.51	10532	05/12/17
V10226	G & K SERVICES	04/20/17 ST SHOP TOWELS 1295573479	210-43110.610 SUPPLIES	75.37	10535	05/12/17
21055	GREEN MOUNTAIN MESSENGER,	04/30/17 BL courier delivery 57716	210-45551.536 POSTAGE/DELIVERY	120.00	10537	05/12/17
05010	LYNN PUBLICATIONS	04/27/17 CD LEGAL AD 119286	210-41970.550 PRINTING AND ADVERTISING	85.00	10542	05/12/17
05010	LYNN PUBLICATIONS	04/27/17 ST SEASONAL LABOR AD 119344	210-43110.572 INTERVIEW COSTS	48.00	10542	05/12/17
05010	LYNN PUBLICATIONS	04/27/17 ST SEASONAL LABOR AD 119345	210-43110.572 INTERVIEW COSTS	48.00	10542	05/12/17
05010	LYNN PUBLICATIONS	04/27/17 ST SEASONAL LABOR AD 53645	210-43110.572 INTERVIEW COSTS	48.00	10542	05/12/17
37605	NEW ENGLAND MUNICIPAL RES	05/04/17 VA UB/PAYROLL WORK 39499	210-41320.340 COMPUTER EXPENSES	937.50	10544	05/12/17
26385	PROFESSIONAL WRITING SERV	05/04/17 AD APRIL MINUTES 770EJ	210-41320.530 COMMUNICATIONS	495.00	10545	05/12/17
37430	R R CHARLEBOIS INC	04/21/17 ST fuel filter ID19523	210-43110.432 VEHICLE MAINTENANCE	34.60	10546	05/12/17
V9587	RANGER ASPHALT & CONCRETE	04/17/17 ST GRAVEL-TOPSOIL 3013	210-43110.616 GRAVEL,TOPSOIL	300.00	10547	05/12/17
V9587	RANGER ASPHALT & CONCRETE	04/21/17 ST TOP SOIL 3024	210-43110.616 GRAVEL,TOPSOIL	300.00	10547	05/12/17
29835	SHERWIN-WILLIAMS	04/20/17 ST PAINTING 45400	210-43110.610 SUPPLIES	41.01	10555	05/12/17
36130	VERIZON WIRELESS	04/18/17 VA CELL PHONES/DATA 4/19- 9784129822	210-41970.535 TELEPHONE SERVICES	40.01	10557	05/12/17
36130	VERIZON WIRELESS	04/18/17 VA CELL PHONES/DATA 4/19- 9784129822	210-42220.535 TELEPHONE SERVICES	160.04	10557	05/12/17

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
11935	04/13/17	VIKING-CIVES USA ST LIGHT WORK 4474178	210-43110.432 VEHICLE MAINTENANCE	186.97	10558	05/12/17
11935	04/27/17	VIKING-CIVES USA ST BROOM STREET SWEEPER 4474423	210-43110.610 SUPPLIES	293.42	10558	05/12/17
11935	04/28/17	VIKING-CIVES USA ST BROOM STREET SWEEPER 4474586	210-43110.610 SUPPLIES	293.42	10558	05/12/17
30210	05/04/17	VT LEAGUE OF CITIES & TOW AD/TM 4-HR WORKSHOP 201718634	210-41320.500 TRAINING, CONFERENCES, DU	120.00	10560	05/12/17
V10636	05/01/17	HEALTHEQUITY AD FSA ADMIN COST-MAY 170516463	210-41320.210 HEALTH INS & OTHER BENEFIT	3.45	17051205	05/12/17
21760	04/25/17	FIRST NATIONAL BANK OMAHA RC recreation credit card 042517D	225-45122.810 TRIP EXPENSES	598.00	10530	05/12/17
V1655	05/01/17	BLUE CROSS BLUE SHIELD OF VA June health ins 27350001189	254-43200.210 HEALTH INS & OTHER BENEFIT	1387.46	10506	05/12/17
18000	04/13/17	FERGUSON WATERWORKS #590 VW fittings 0745498	254-43200.610 SUPPLIES	42.12	10529	05/12/17
05525	04/20/17	HD SUPPLY WATERWORKS, LTD VW FITTINGS H038868	254-43200.610 SUPPLIES	80.67	10540	05/12/17
05010	04/20/17	LYNN PUBLICATIONS VW WATER TECH AD 119292	254-43200.550 PRINTING AND ADVERTISING	63.00	10542	05/12/17
05010	04/20/17	LYNN PUBLICATIONS VW WATER TECH AD 119293	254-43200.550 PRINTING AND ADVERTISING	63.00	10542	05/12/17
05010	04/20/17	LYNN PUBLICATIONS VW WATER TECH AD 53606	254-43200.550 PRINTING AND ADVERTISING	63.00	10542	05/12/17
37605	05/04/17	NEW ENGLAND MUNICIPAL RES VA UB/PAYROLL WORK 39499	254-43332.007 UB CONVERSION TO NEMRC	333.33	10544	05/12/17
42565	04/19/17	SEVEN DAYS VW WATER SYS TECH JOB AD 174306	254-43200.550 PRINTING AND ADVERTISING	297.00	10554	05/12/17
38760	04/12/17	TI-SALES INC VW/SA METERS INV0076655	254-43330.002 METER REPLACEMENT PROGRAM	1316.40	10556	05/12/17
38760	04/14/17	TI-SALES INC VW/SA WATER SUPPLIES INV0076772	254-43330.002 METER REPLACEMENT PROGRAM	196.91	10556	05/12/17
V10609	04/28/17	2G ENERGY INC. WW 2G oil fitting 415081700294	255-43200.570 MAINTENANCE OTHER	238.19	10498	05/12/17
V1655	05/01/17	BLUE CROSS BLUE SHIELD OF VA June health ins 27350001189	255-43200.210 HEALTH INS & OTHER BENEFIT	5707.08	10506	05/12/17
10510	03/30/17	BLUE TARP FINANCIAL INC WW CL contact gate moditr 715895 C	255-43200.570 MAINTENANCE OTHER	13.24	10507	05/12/17
10510	04/03/17	BLUE TARP FINANCIAL INC WW pvc caps 715902D	255-43200.570 MAINTENANCE OTHER	4.28	10507	05/12/17
10510	04/17/17	BLUE TARP FINANCIAL INC WW pull cord small motor 715941H	255-43200.570 MAINTENANCE OTHER	4.04	10507	05/12/17
10510	04/24/17	BLUE TARP FINANCIAL INC WW clock dewatering bldg 715962M	255-43200.570 MAINTENANCE OTHER	26.99	10507	05/12/17
21210	05/05/17	CINTAS WW truck kit and supplies 5007847047	255-43200.570 MAINTENANCE OTHER	265.77	10513	05/12/17
28790	04/26/17	COPY SHIP FAX PLUS WW 4 gas detector ship 042605	255-43200.570 MAINTENANCE OTHER	20.90	10518	05/12/17
06870	05/05/17	ENDYNE INC WW SH@ batch biosolids 230762	255-43200.577 CONTRACT LABORATORY SERVI	565.00	10524	05/12/17

Town of Essex / Village of EJ Accounts Payable
Check Warrant Report # 17044 Current Prior Next FY Invoices For Fund (GENERAL FUND)
For Check Acct 01(GENERAL FUND) All check #s 05/12/17 To 05/12/17 & Fund 2

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
38955	F W WEBB COMPANY	04/17/17 WW heat pump lab chem 54512994	255-43200.570 MAINTENANCE OTHER	52.30	10527	05/12/17
V10716	G.H. BERLIN WINDWARD	04/21/17 WW 10 W MOTOR OIL 5893963	255-43200.626 GAS,GREASE AND OIL	107.73	10536	05/12/17
36130	VERIZON WIRELESS	04/18/17 VA CELL PHONES/DATA 4/19- 9784129822	255-43200.535 TELEPHONE SERVICES	182.54	10557	05/12/17
V1655	BLUE CROSS BLUE SHIELD OF	05/01/17 VA June health ins 27350001189	256-43200.210 HEALTH INS & OTHER BENEFIT	2219.93	10506	05/12/17
10510	BLUE TARP FINANCIAL INC	04/25/17 SA cap pvc 71597N	256-43200.610 SUPPLIES	8.99	10507	05/12/17
37605	NEW ENGLAND MUNICIPAL RES	05/04/17 VA UB/PAYROLL WORK 39499	256-43332.007 UB CONVERSION TO NEMRC	666.67	10544	05/12/17
38760	TI-SALES INC	04/12/17 VW/SA METERS INV0076655	256-43330.002 METER REPLACEMENT PROGRAM	2632.80	10556	05/12/17
38760	TI-SALES INC	04/14/17 VW/SA WATER SUPPLIES INV0076772	256-43330.002 METER REPLACEMENT PROGRAM	393.83	10556	05/12/17
36130	VERIZON WIRELESS	04/23/17 SA MAR 24-APR 23, 2017 9784561916	256-43200.434 PUMP STATION MAINTENANCE	122.92	10557	05/12/17
36130	VERIZON WIRELESS	04/23/17 SA MAR 24-APR 23, 2017 9784561916	256-43220.001 SUSIE WILSON PS COSTS	31.66	10557	05/12/17
36130	VERIZON WIRELESS	04/23/17 SA MAR 24-APR 23, 2017 9784561916	256-43220.002 WEST ST PS COSTS	31.66	10557	05/12/17
Report Total				48195.15		

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
05045	04/28/17	ABLE PAINT, GLASS & FLOOR BL GLASS TABLETOP 0124298	210-45551.434 MAINT. BUILDINGS/GROUNDS	74.90	10563	05/18/17
V9429	04/28/17	AQUARIUS LANDSCAPE INC. LH irrigation system 541710	210-41940.434 MAINT. BUILDINGS/GROUNDS	147.95	10565	05/18/17
V9429	04/28/17	AQUARIUS LANDSCAPE INC. LH irrigation sys repair 541711	210-41940.434 MAINT. BUILDINGS/GROUNDS	31.98	10565	05/18/17
00530	04/25/17	BRODART CO BF BOOKS B4976733	210-49345.000 LIBRARY DONATION EXPENDIT	58.39	10574	05/18/17
00530	04/26/17	BRODART CO BL BOOKS B4978458	210-45551.610 SUPPLIES	0.90	10574	05/18/17
00530	04/26/17	BRODART CO BL BOOKS B4978458	210-45551.640 ADULT COLLECTION-PRINT &	15.40	10574	05/18/17
00530	05/01/17	BRODART CO BF books B4983016	210-49345.000 LIBRARY DONATION EXPENDIT	15.75	10574	05/18/17
00530	05/03/17	BRODART CO BL books B4985156	210-45551.640 ADULT COLLECTION-PRINT &	35.19	10574	05/18/17
00530	05/03/17	BRODART CO BL books B4985156	210-45551.610 SUPPLIES	0.90	10574	05/18/17
00530	05/04/17	BRODART CO BL books B4986496	210-45551.610 SUPPLIES	8.10	10574	05/18/17
00530	05/04/17	BRODART CO BL books B4986496	210-45551.641 JUVEN COLLECTION-PRNT & E	105.97	10574	05/18/17
00530	05/04/17	BRODART CO BL books B4986700	210-45551.641 JUVEN COLLECTION-PRNT & E	37.36	10574	05/18/17
00530	05/04/17	BRODART CO BL books B4986700	210-45551.610 SUPPLIES	3.60	10574	05/18/17
00530	05/05/17	BRODART CO BF books B4987834	210-49345.000 LIBRARY DONATION EXPENDIT	15.72	10574	05/18/17
00530	05/08/17	BRODART CO BF books B4989295	210-49345.000 LIBRARY DONATION EXPENDIT	15.75	10574	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES BL Free Press subscriptio 040917A	210-45551.640 ADULT COLLECTION-PRINT &	31.80	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES AD trustee supplies 041117B	210-41320.560 TRUSTEES EXPENDITURES	6.06	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES CD Cycle De Mayo shirts 041417C	210-41335.610 COMMUNITY EVENTS & PROGRA	181.00	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES VF hardware 041417D	210-42220.432 VEHICLE MAINTENANCE	84.72	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES BF summer programs 041817F	210-49345.000 LIBRARY DONATION EXPENDIT	442.06	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES PWST seasonal labor ad 042417G	210-43110.572 INTERVIEW COSTS	15.00	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES ADLH trustee, LH supplies 042517H	210-41320.560 TRUSTEES EXPENDITURES	14.87	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES ADLH trustee, LH supplies 042517H	210-41940.610 SUPPLIES	11.67	10576	05/18/17
V9941	05/05/17	BUSINESSCARD SERVICES AD green up day 042617I	210-41320.610 SUPPLIES	10.50	10576	05/18/17
V0455	05/07/17	CANON SOLUTIONS AMERICA AD copies 4/7-5/6/17 4022202602	210-41320.442 LEASED SERVICES	82.18	10577	05/18/17

05/19/17
10:31 am

Town of Essex / Village of EJ Accounts Payable
Check Warrant Report # 17045 Current Prior Next FY Invoices For Fund (GENERAL FUND)
For Check Acct 01(GENERAL FUND) All check #s 05/18/17 To 05/19/17 & Fund 2

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HPackard

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
V04609	CENTER POINT LARGE PRINT	05/01/17	BL books 1470093	210-45551.640 ADULT COLLECTION-PRINT &	91.08	10581	05/18/17
21120	CHAMPLAIN MEDICAL URGENT	05/03/17	VF physicals 00018652	210-42220.566 PHYSICAL EXAMS	624.00	10583	05/18/17
22245	CHARGE POINT INC	04/25/17	VE CHARGING STATION RENEW 40527	210-41335.810 COMMUNITY EVENTS & PROGRA	280.00	10584	05/18/17
V10614	COBRA ADMINISTRATION & HE	04/18/17	AD Mar cobra admin 5730	210-41320.210 HEALTH INS & OTHER BENEFI	30.00	10586	05/18/17
V10614	COBRA ADMINISTRATION & HE	05/17/17	AD May cobra admin 6487	210-41320.210 HEALTH INS & OTHER BENEFI	30.00	10586	05/18/17
04940	COMCAST	05/03/17	VF cable tv 00861875/3	210-42220.535 TELEPHONE SERVICES	13.55	10587	05/18/17
04940	COMCAST	05/04/17	VF internet connection/sv 01792105/4	210-42220.535 TELEPHONE SERVICES	174.80	10588	05/18/17
38280	CRYSTAL ROCK BOTTLED WATE	04/30/17	LH Apr water 043017D	210-41940.610 SUPPLIES	26.10	10591	05/18/17
24305	DEMCO INC	05/11/17	BL supplies 6132901	210-45551.610 SUPPLIES	51.18	10592	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	ST GARAGE WTR SWR 2 IN 0417JK112INL	210-43110.410 WATER AND SEWER CHARGE	265.99	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	ST WATER RACK WATER 0417JKRSHOP	210-43110.410 WATER AND SEWER CHARGE	310.12	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	ST HWY GARAGE WATER 0417JKSN0000	210-43110.410 WATER AND SEWER CHARGE	136.82	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	LH WATER BILL 0417LNCS0002	210-41940.410 WATER AND SEWER CHARGE	151.97	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	LH WATER BILL-SPRINKLER 0417LNCS02SP	210-41940.410 WATER AND SEWER CHARGE	96.43	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	BL WATER BILL 0417LNCS06	210-45551.410 WATER AND SEWER CHARGE	247.66	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	ST MEMORIAL PK WATER 0417LNMPRK	210-43161.002 MEMORIAL PARK	33.99	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	ST MAIN FAUCET 0417MA18VILL	210-43161.001 VILLAGE GARDEN SPOTS	22.66	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	ST OUTSIDE FAUCET WTR 0417MA9VILL	210-43161.001 VILLAGE GARDEN SPOTS	25.80	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	VF WATER BILL 0417PE0102	210-42220.410 WATER AND SEWER CHARGE	144.79	10596	05/18/17
05020	ESSEX JCT VILLAGE OF	04/28/17	ST RR AV FAUCET WTR 0417RR26VILL	210-43161.001 VILLAGE GARDEN SPOTS	22.66	10596	05/18/17
V0795	ESSEX TOWN OF	05/17/17	AD 1/12 mgr contract May 051717	210-41320.150 MANAGER CONTRACT	5381.25	10598	05/18/17
28095	FLAG SHOP OF VERMONT	04/30/17	VF flags for cemetery 9783	210-42220.889 ROUTINE EQUIPMENT PURCHAS	161.50	10605	05/18/17
34895	GAUTHIER TRUCKING, INC.	05/01/17	ST RUBBISH REMOVAL 1225318	210-43110.565 RUBBISH REMOVAL	171.04	10607	05/18/17
34895	GAUTHIER TRUCKING, INC.	05/01/17	ST RUBBISH REMOVAL 1225320	210-43110.565 RUBBISH REMOVAL	831.54	10607	05/18/17
34895	GAUTHIER TRUCKING, INC.	05/01/17	ST RUBBISH REMOVAL 1225451	210-43110.565 RUBBISH REMOVAL	110.54	10607	05/18/17

Vendor	Invoice Date	Invoice Description	Account	Amount Paid	Check Number	Check Date
01735	05/17/17	GOMEZ CONSTENCIO BF youth program 51217CG	210-49345.000 LIBRARY DONATION EXPENDIT	130.00	10609	05/18/17
04035	05/01/17	GOT THAT RENTAL & SALES I ST WEED WACKER PARTS 36241	210-43110.570 MAINTENANCE OTHER	54.32	10610	05/18/17
04035	05/03/17	GOT THAT RENTAL & SALES I ST WEED WACKER PARTS 36358	210-43110.570 MAINTENANCE OTHER	9.02	10610	05/18/17
37700	04/27/17	GRAYBAR ST FLOOD LAMP 991091891	210-43161.002 MEMORIAL PARK	229.96	10612	05/18/17
28070	04/24/17	HP FAIRFIELD LLC ST SUPPLIES 5743260	210-43110.610 SUPPLIES	650.00	10615	05/18/17
33495	04/26/17	INGRAM LIBRARY SERVICES I BL BOOKS 98252882	210-45551.640 ADULT COLLECTION-PRINT &	10.77	10619	05/18/17
V10347	04/27/17	L & R PEST ELIMINATION SE LH MAINTENANCE 148698	210-41940.434 MAINT. BUILDINGS/GROUNDS	16.00	10627	05/18/17
06095	04/25/17	LEISURE WORLD ST MURIATIC ACID 93855	210-43161.002 MEMORIAL PARK	16.99	10631	05/18/17
06095	04/26/17	LEISURE WORLD ST PUMP LID 93862	210-43161.002 MEMORIAL PARK	47.98	10631	05/18/17
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins 0171532732	210-43110.210 HEALTH INS & OTHER BENEFIT	158.02	10633	05/18/17
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins 0171532732	210-41320.210 HEALTH INS & OTHER BENEFIT	185.90	10633	05/18/17
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins 0171532732	210-43151.210 HEALTH INS & OTHER BENEFIT	24.63	10633	05/18/17
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins 0171532732	210-45551.210 HEALTH INS & OTHER BENEFIT	278.85	10633	05/18/17
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins 0171532732	210-41335.210 HEALTH INS & OTHER BENEFIT	46.48	10633	05/18/17
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins 0171532732	210-41970.210 HEALTH INS & OTHER BENEFIT	92.95	10633	05/18/17
08645	04/13/17	LOWES BUSINESS ACCT/SYNCB LH CEILINGS PANEL (LH) 01995	210-41940.434 MAINT. BUILDINGS/GROUNDS	45.60	10634	05/18/17
08645	04/23/17	LOWES BUSINESS ACCT/SYNCB VF WOOD TRAINING 02810B	210-42220.500 TRAINING, CONFERENCES, DU	218.44	10634	05/18/17
08645	04/27/17	LOWES BUSINESS ACCT/SYNCB VF MINUS SALES TAX 02810C	210-42220.500 TRAINING, CONFERENCES, DU	-12.36	10634	05/18/17
V10402	05/05/17	MAYVILLE/DARBY// CD mileage 050517D	210-41970.580 TRAVEL	2.67	10636	05/18/17
V10402	05/05/17	MAYVILLE/DARBY// CD mileage 050517D	210-41335.835 BLOCK PARTY EXPENSE	13.38	10636	05/18/17
24620	05/01/17	MILTON RENTAL AND SALES ST RENTAL 15375895	210-43110.442 EQUIPMENT RENTALS	1785.91	10637	05/18/17
24620	05/01/17	MILTON RENTAL AND SALES ST SMALL EQUIPMENT PARTS 1542192	210-43110.570 MAINTENANCE OTHER	183.53	10637	05/18/17
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	210-15109.000 EXCHANGE - COBRA	65.29	10642	05/18/17
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	210-41970.210 HEALTH INS & OTHER BENEFIT	150.57	10642	05/18/17
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	210-43151.210 HEALTH INS & OTHER BENEFIT	39.90	10642	05/18/17

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	210-45551.210 HEALTH INS & OTHER BENEFI	451.70	10642	05/18/17
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	210-43110.210 HEALTH INS & OTHER BENEFI	255.96	10642	05/18/17
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	210-41320.210 HEALTH INS & OTHER BENEFI	301.13	10642	05/18/17
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	210-41335.210 HEALTH INS & OTHER BENEFI	75.28	10642	05/18/17
V10729	05/15/17	OVERDRIVE INC BL adult materials 0515179	210-45551.640 ADULT COLLECTION-PRINT &	500.00	10643	05/18/17
25140	05/01/17	PIKE INDUSTRIES INC ST PAVEMENT MAINTENANCE 913531	210-43120.610 PAVEMENT MAINTENANCE	954.98	10645	05/18/17
24325	05/04/17	RADIO NORTH GROUP INC VF radio batteries 24138247	210-42220.443 RADIO MAINTENANCE	1433.00	10647	05/18/17
24325	05/09/17	RADIO NORTH GROUP INC VF radio maintenance 24138254	210-42220.443 RADIO MAINTENANCE	9.00	10647	05/18/17
24325	05/04/17	RADIO NORTH GROUP INC VF CM radio batteries 24138258	210-42220.443 RADIO MAINTENANCE	-1433.00	10647	05/18/17
18010	04/26/17	REYNOLDS & SON, INC. VF STABILIZATION TRAINING 3300050	210-42220.500 TRAINING, CONFERENCES, DU	250.00	10648	05/18/17
18010	05/03/17	REYNOLDS & SON, INC. VF helmet reflective 3300715	210-42220.612 UNIFORMS,BOOTS,ETC	89.07	10648	05/18/17
18010	05/04/17	REYNOLDS & SON, INC. VF SCBA wipes 3300790	210-42220.610 SUPPLIES	12.30	10648	05/18/17
18010	05/15/17	REYNOLDS & SON, INC. VF helmet fronts 3301546	210-42220.612 UNIFORMS,BOOTS,ETC	103.15	10648	05/18/17
40840	05/01/17	SOVERNET COMMUNICATIONS VA MAY PHONES/INTERNET 3755790	210-41320.530 COMMUNICATIONS	34.95	10660	05/18/17
40840	05/01/17	SOVERNET COMMUNICATIONS VA MAY PHONES/INTERNET 3755790	210-41940.535 TELEPHONE SERVICES	38.68	10660	05/18/17
40840	05/01/17	SOVERNET COMMUNICATIONS VA MAY PHONES/INTERNET 3755790	210-41970.535 TELEPHONE SERVICES	31.84	10660	05/18/17
40840	05/01/17	SOVERNET COMMUNICATIONS VA MAY PHONES/INTERNET 3755790	210-41320.535 TELEPHONE SERVICES	141.29	10660	05/18/17
40840	05/01/17	SOVERNET COMMUNICATIONS BL TELEPHONE & TECH ACCES 3755811	210-45551.530 TECHNOLOGY ACCESS	39.95	10660	05/18/17
40840	05/01/17	SOVERNET COMMUNICATIONS BL TELEPHONE & TECH ACCES 3755811	210-45551.535 TELEPHONE SERVICES	92.52	10660	05/18/17
40920	04/20/17	U I INSURANCE SERVICES IN ACCIDENT DISABILITY INSUR 8023	210-14301.000 PREPAID EXPENSES	3294.50	10664	05/18/17
40920	04/20/17	U I INSURANCE SERVICES IN ACCIDENT DISABILITY INSUR 8023	210-42220.210 ACCIDENT & DISABILITY INS	299.50	10664	05/18/17
22045	04/30/17	VT DEPT OF PUBLIC SAFETY BL finger prints 73098	210-45551.572 INTERVIEW COSTS	12.00	10668	05/18/17
31370	02/08/17	VT TENT CO CD BLOCK PARTY TENT 69832-3	210-14301.000 PREPAID EXPENSES	153.00	10672	05/18/17
07565	05/03/17	W B MASON CO INC LHADCD LH, AD supplies I14391769	210-41940.610 SUPPLIES	121.98	10674	05/18/17
07565	05/03/17	W B MASON CO INC LHADCD LH, AD supplies I14391769	210-41970.610 SUPPLIES	22.93	10674	05/18/17

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07565	05/03/17	W B MASON CO INC LHADCD LH, AD supplies	210-41320.610	46.26	10674	05/18/17
		II4391769 SUPPLIES				
V9954	05/01/17	WILBER/TROY// AD LONGEVITY AWARD 10 YRS	210-41320.835	25.00	10675	05/18/17
		170501 HOLIDAY EXPENSE				
V9754	05/01/17	ZANSLER/NELLIE// AD LONGEVITY AWARD 15 YRS	210-41320.835	30.00	10676	05/18/17
		170501 HOLIDAY EXPENSE				
V9941	05/05/17	BUSINESSCARD SERVICES SC items for fundraising	225-45122.612	230.47	10576	05/18/17
		041717E FUND RAISER EXPENSES				
V9941	05/05/17	BUSINESSCARD SERVICES SC items for BR torun, et	225-45122.812	5.58	10576	05/18/17
		042717J MEAL SITE EXPENSES				
V9941	05/05/17	BUSINESSCARD SERVICES SC items for BR torun, et	225-45122.610	8.98	10576	05/18/17
		042717J OPERATIONAL SUPP/EXP				
V9941	05/05/17	BUSINESSCARD SERVICES SC items for BR torun, et	225-45122.612	60.78	10576	05/18/17
		042717J FUND RAISER EXPENSES				
V9941	05/05/17	BUSINESSCARD SERVICES SC items 4 ctr, br tourn	225-45122.614	60.91	10576	05/18/17
		042717K PROGRAM EXPENSES				
V9941	05/05/17	BUSINESSCARD SERVICES SC items 4 ctr, br tourn	225-45122.612	12.96	10576	05/18/17
		042717K FUND RAISER EXPENSES				
31545	04/27/17	COSTCO #314 SC CAKE FOR POTLUCK	225-45122.812	19.27	10589	05/18/17
		170427D MEAL SITE EXPENSES				
33850	05/02/17	CENTRAL VERMONT PROPERTIE 6/17-5/18 887781 lease	254-43200.441	4.16	10582	05/18/17
		9500173021 RIGHT OF WAY AGREEMENTS				
33850	05/02/17	CENTRAL VERMONT PROPERTIE 6/17-5/18 887781 lease	254-14301.000	45.84	10582	05/18/17
		9500173021 PREPAID EXPENSES				
33850	05/02/17	CENTRAL VERMONT PROPERTIE 6/17-5/18 889305 lease	254-43200.441	4.16	10582	05/18/17
		9500173050 RIGHT OF WAY AGREEMENTS				
33850	05/02/17	CENTRAL VERMONT PROPERTIE 6/17-5/18 889305 lease	254-14301.000	45.84	10582	05/18/17
		9500173050 PREPAID EXPENSES				
05020	04/28/17	ESSEX JCT VILLAGE OF VW TEST BENCH WATER	254-43200.410	22.66	10596	05/18/17
		0417JKOBSNK WATER AND SEWER CHARGE				
18000	04/27/17	FERGUSON WATERWORKS #590 VW ADPT	254-43200.610	14.28	10602	05/18/17
		0747814 SUPPLIES				
18000	05/01/17	FERGUSON WATERWORKS #590 VW COLLISION REP KIT	254-43200.614	334.64	10602	05/18/17
		0750905 DISTRIBUTION MATERIALS				
18000	05/02/17	FERGUSON WATERWORKS #590 VW COLLISION REP KIT	254-43200.614	334.64	10602	05/18/17
		0751091 DISTRIBUTION MATERIALS				
13850	04/25/17	JOBS IN THE US VW WATER TECH AD	254-43200.550	449.00	10624	05/18/17
		II0340 PRINTING AND ADVERTISING				
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins	254-43200.210	69.71	10633	05/18/17
		0171532732 HEALTH INS & OTHER BENEFIT				
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins	254-43200.210	112.92	10642	05/18/17
		170515 HEALTH INS & OTHER BENEFIT				
42625	05/02/17	ALDRICH & ELLIOTT PC WW headworks screen	255-43330.011	192.50	10564	05/18/17
		76968 HEADWORKS SCREEN				
11375	04/30/17	CASELLA WASTE MANAGEMENT WW May services	255-43200.565	918.66	10578	05/18/17
		2646924 GRIT DISPOSAL				
07710	04/25/17	CCR SALES AND SERVICE LLC WW TRIMMER STRING	255-43200.570	38.39	10579	05/18/17
		27329 MAINTENANCE OTHER				
23455	04/25/17	CHITTENDEN SOLID WASTE DI WW 80.59 WET TONS NY	255-43200.568	6892.74	10585	05/18/17
		201743ESS SLUDGE MANAGEMENT				

Vendor	Invoice Date	Invoice Description	Invoice Number	Account	Amount Paid	Check Number	Check Date
06870	04/27/17	WW SIDE STREAM CENTRATE	229937	255-43200.577	190.00	10594	05/18/17
				CONTRACT LABORATORY SERVI			
06870	05/08/17	WW digester feed stock	230921	255-43200.577	110.00	10594	05/18/17
				CONTRACT LABORATORY SERVI			
06870	05/09/17	WW MPN fecals batch	230973	255-43200.577	640.00	10594	05/18/17
				CONTRACT LABORATORY SERVI			
06870	05/15/17	WW NY cake	231555	255-43200.577	352.00	10594	05/18/17
				CONTRACT LABORATORY SERVI			
23215	04/28/17	WW PRESSURE WASHER O-RING	106356400001	255-43200.570	5.88	10595	05/18/17
				MAINTENANCE OTHER			
05020	04/28/17	VA WATER BILLS	0417VARIOUS	255-43200.410	251.96	10596	05/18/17
				WATER AND SEWER CHARGE			
05020	04/28/17	VA WATER BILLS	0417VARIOUS	255-43200.410	79.25	10596	05/18/17
				WATER AND SEWER CHARGE			
05020	04/28/17	VA WATER BILLS	0417VARIOUS	255-43200.410	191.36	10596	05/18/17
				WATER AND SEWER CHARGE			
05020	04/28/17	VA WATER BILLS	0417VARIOUS	255-43200.410	70.16	10596	05/18/17
				WATER AND SEWER CHARGE			
05020	04/28/17	VA WATER BILLS	0417VARIOUS	255-43200.410	114.49	10596	05/18/17
				WATER AND SEWER CHARGE			
05020	04/28/17	VA WATER BILLS	0417VARIOUS	255-43200.410	70.16	10596	05/18/17
				WATER AND SEWER CHARGE			
32035	05/10/17	WW membership	051017D	255-43200.500	35.00	10608	05/18/17
				TRAINING, CONFERENCES, DU			
06355	04/28/17	WW 4 GAS METER SERVICE	1987992	255-43200.570	429.00	10617	05/18/17
				MAINTENANCE OTHER			
23980	04/27/17	WW ALARM BATTERIES	300056504	255-43200.570	277.15	10623	05/18/17
				MAINTENANCE OTHER			
V9769	05/15/17	WW Ferrous chloride bulk 1	9017544419	255-43200.619	3126.12	10626	05/18/17
				CHEMICALS			
V10347	05/09/17	WW pest rodent svc	142236	255-43200.570	70.00	10627	05/18/17
				MAINTENANCE OTHER			
45190	05/15/17	WW pants LaJoy	051517D	255-43200.612	59.91	10628	05/18/17
				UNIFORMS,BOOTS,ETC			
05495	05/04/17	WW chlorine control midif	13295	255-43200.570	400.00	10630	05/18/17
				MAINTENANCE OTHER			
V9454	04/27/17	WW Fleury	3128061	255-43200.612	498.00	10632	05/18/17
				UNIFORMS,BOOTS,ETC			
14025	05/11/17	VA June life ins	0171532732	255-43200.210	286.75	10633	05/18/17
				HEALTH INS & OTHER BENEFIT			
V1661	04/26/17	WW GLOVES FILTERS	389031	255-43200.618	1493.92	10641	05/18/17
				SUPPLIES - LABORATORY			
24960	05/15/17	VA June dental ins	170515	255-43200.210	464.49	10642	05/18/17
				HEALTH INS & OTHER BENEFIT			
25480	04/17/17	WW SH mixer mounts	39471	255-43200.570	125.95	10654	05/18/17
				MAINTENANCE OTHER			
36825	05/04/17	WW mower deck parts	073085	255-43200.570	191.31	10657	05/18/17
				MAINTENANCE OTHER			
36825	05/09/17	WW mower deck parts	073166	255-43200.570	45.14	10657	05/18/17
				MAINTENANCE OTHER			

05/19/17
10:31 am

Town of Essex / Village of EJ Accounts Payable
Check Warrant Report # 17045 Current Prior Next FY Invoices For Fund (GENERAL FUND)
For Check Acct 01(GENERAL FUND) All check #s 05/18/17 To 05/19/17 & Fund 2

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HPackard

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
36825	05/11/17	SMALL ENGINE CO INC WW mower deck rebuild 073223	255-43200.570 MAINTENANCE OTHER	475.11	10657	05/18/17
40840	05/01/17	SOVERNET COMMUNICATIONS WW phone, internet 3755789	255-43200.535 TELEPHONE SERVICES	177.18	10660	05/18/17
38680	05/02/17	VT RURAL WATER ASSOC WW E REPORTING-FLEURY 050117D	255-43200.500 TRAINING, CONFERENCES, DU	24.00	10671	05/18/17
05020	04/28/17	ESSEX JCT VILLAGE OF VA WATER BILLS 0417VARIOUS	256-43200.410 WATER AND SEWER CHARGE	70.16	10596	05/18/17
14025	05/11/17	LINCOLN NATIONAL LIFE INS VA June life ins 0171532732	256-43200.210 HEALTH INS & OTHER BENEFI	111.55	10633	05/18/17
24960	05/15/17	NORTHEAST DELTA DENTAL VA June dental ins 170515	256-43200.210 HEALTH INS & OTHER BENEFI	180.68	10642	05/18/17
11555	04/26/17	RUSSELL RESOURCES INC SA VAC FILTERS TOP MOUNT 172886	256-43200.434 PUMP STATION MAINTENANCE	111.78	10652	05/18/17
Report Total				43322.51		