



**CITY OF HAVERHILL
CITY COUNCIL AGENDA
Tuesday, January 26, 2021 at 7:00 PM
Virtual Meeting**

Due to the ongoing COVID-19 Pandemic, Governor Baker issued an Emergency Order temporarily suspending certain provisions of the Open Meeting Law, M.G.L. c. 30A sec. 20. Public bodies otherwise governed by the OML are temporarily relieved from the requirement that meetings be held in public places, open and physically accessible to the public, so long as measures are taken to ensure public access to the bodies' deliberations "through adequate, alternative means."

1. OPENING PRAYER
2. PLEDGE OF ALLEGIANCE
3. APPROVAL OF MINUTES OF PRIOR MEETING
4. ASSIGNMENT OF THE MINUTES REVIEW FOR THE NEXT MEETING
5. COMMUNICATIONS FROM THE MAYOR

5.1. Mayor Fiorentini requests to give (COVID-19) crisis update along with Councillor Daly O'Brien

6. COMMUNICATIONS FROM COUNCILLORS TO INTRODUCE AN INDIVIDUAL(S) TO ADDRESS THE COUNCIL:

7. PUBLIC PARTICIPATION- REQUESTS UNDER COUNCIL RULE 28

8. COMMUNICATIONS AND REPORTS FROM CITY OFFICERS AND EMPLOYEES:

8.1. Abatement report from City Assessor, Christine Webb for month of December 2020

8.2. Preliminary reports for the month of November 2020 from City Auditor, Charles Benevento

8.3. Preliminary reports for the month of December 2020 from City Auditor, Charles Benevento

9. UTILITY HEARING(S) AND RELATED ORDER(S):

10. HEARINGS AND RELATED ORDERS:

10.1. Document 114: Petition from Attorney Paul Magliocchetti for applicant Ernest Coito for revised development – Site Plan Review – Major for 48 Market Rate Condos in the Waterfront Zoning District – Subzone F at 38 Railroad st ; Parcel ID 701-630-9

Recommendations from William Pillsbury, Jr., Planning Director

11. APPOINTMENTS:

- 11.1. Confirming Appointments:

11.1.1. **Cultural Council:** Kaitlin Wright, 17 Belvidere rd – re-appointment
To Be Confirmed

11.1.2. **Mayor's Task Force on Public Health:**

Shanyn Toulouse, *Northeast Regional Nurse Consultant, Haverhill Public Schools*

Andy Vargas, *State Representative, 70 Washington st*

John Chemaly, *President & CEO, Trinity Ambulance*

All expire Dec 31, 2021



CITY OF HAVERHILL
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11.2. **Non-Confirming Appointments:**

11.2.1. **License Commission:** Laura Angus, 29 Woodlawn av
Expires June 1, 2026

11.3. **Resignations**

11.3.1. **Rocks Village Historic District Commission:**

11.3.2. Raymond Arsenault – Chair

11.3.3. Christine Kwitchoff

12. PETITIONS:

12.1. **Applications Handicap Parking Sign - new**

12.2. **Amusement/Event Applications:**

12.3. **Tag Days**

12.4. **One Day Liquor License**

12.5. **Annual License Renewals:**

12.5.1. **Hawker Peddlers License 2021 - Fixed location**

12.5.1.1. Wade Dempsey to sell hot dogs, sausages, tonic at
Bradford Common, Jan-Dec, Mon-Sat, 11 am to 5 pm
has all required approvals

12.5.2. **Coin-Op License Renewals 2021**

12.5.3. **Drainlayer License**

12.5.4. **Christmas Tree Vendor**

12.5.5. **Taxi Driver Licenses for 2020**

12.5.6. **Taxi License/ Limo/Livery:**

12.5.7. **Junk Dealer License**

12.5.8. **Pool Tables**

12.5.9. **Sunday Pool**

12.5.10. **Bowling**

12.5.11. **Sunday Bowling**

12.5.12. **Buy & Sell Second Hand Articles**

12.5.12.1. Aidria Torres, "House of Pawn", 24 Emerson st
has Police approval

12.5.13. **Buy & Sell Second Hand Clothing**

12.5.14. **Pawnbroker license**

12.5.15. **Fortune Teller**

12.5.16. **Buy & Sell Old Gold**

12.5.17. **Roller Skating Rink**

12.5.18. **Sunday Skating**

12.5.19. **Exterior Vending Machines**

12.5.20. **Limousine/Livery License/Chair Cars**



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Tuesday, January 26, 2021 at 7:00 PM
Virtual Meeting**

13. MOTIONS AND ORDERS

- 13.1. Order – Authorize Mayor to Accept ownership of Crystal Springs Water Booster Pumping Station at 806 North Broadway

Related communication from Robert Ward, Deputy DPW Director

- 13.2. Order – Authorize payment of bills of previous/current years as listed:

<u>Vendor</u>	<u>Amount</u>	<u>Account</u>
Advanced Enterprise Systems	\$453.00	Wastewater Department
Utility Cloud (2)	991.00	Wastewater Department
Matrix Consulting Group (2)	14,240.00	Mayor
Georgetown Building Supply	1,000.00	Highway

- 13.3. Order – transfer \$2,900 from Capital Budget to the Capital account:
Veterans Banner Program

14. ORDINANCES (FILE 10 DAYS)

- 14.1. Ordinance re: Parking - add Handicap space-103 Summer st **File 10 days**
14.2. Ordinance re: Parking - add Handicap Space -58 Webster st **File 10 days**

15. COMMUNICATIONS FROM COUNCILLORS:

- 15.1. Communication from Councillor Michael McGonagle requesting Traffic & Safety Committee review a constituent request to make all of Irving av no parking on one side
15.2. Communication from Councillor Joseph Bevilacqua requesting to recognize the COVID Assistance Volunteer Grocery Shopping Program
15.3. Communication from Councillor Joseph Bevilacqua requesting a discussion regarding the recently enacted 2-hour Sewerage Notification Bill and its benefit to Haverhill residents and to the Merrimack River

16. UNFINISHED BUSINESS OF PRECEDING MEETING:

- 16.1. Document 3: Ordinance re: Parking – Add Handicap Parking Space 75 Fifth av
16.2. Document 3-B: Ordinance re: Parking – Add Handicap Space 23-25 Nichols st
Both filed January 13 2021

16. RESOLUTIONS AND PROCLAMATIONS:

17. COUNCIL COMMITTEE REPORTS AND ANNOUNCEMENTS:

18. DOCUMENTS REFERRED TO COMMITTEE STUDY

19. LONG TERM MATTERS STUDY LIST

20. ADJOURN

511

JAMES J. FIORENTINI
MAYOR



CITY OF HAVERHILL
MASSACHUSETTS

CITY HALL, ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

January 21, 2021

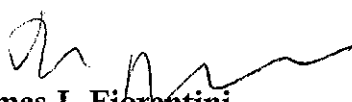
City Council President Melinda Barrett and Members of the Haverhill City Council

RE: Communication from the Mayor regarding Coronavirus

Dear Madame President and Members of the Haverhill City Council:

I am requesting to address the City Council at their meeting on Tuesday, January 26th, to give an update on Haverhill's efforts regarding the Coronavirus (COVID-19) crisis.

Very truly yours,


James J. Fiorentini
Mayor

JJF/lyf



CITY OF HAVERHILL
ASSESSORS OFFICE – ROOM 115
Phone: 978-374-2316 Fax: 978-374-2319
Assessors@cityofhaverhill.com

8.1

2021 JAN 14 PM 11:24 AM CITY

Jan. 14, 2021

TO: MEMBERS OF THE HAVERHILL CITY COUNCIL:

In accordance with Municipal Ordinance, Chapter 7,
entitled "Assessor" as follows:

The Board of Assessors shall file monthly with the
City Council a copy of the report submitted to the
Auditor showing a summary of the above abated
amounts for that month.

Attached herewith is the report for the month of
December as filed in the Assessors Office.

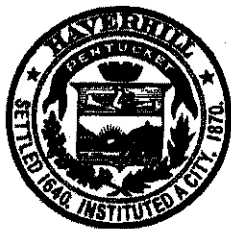
Very truly yours,

Christine Webb, MAA
Assessor

City of Haverhill

Total All Charges

Total All Charges: Add all columns except Adjustments.



Haverhill

Office of the City Auditor, Room 106
Phone: 978-374-2306 Fax: 978-373-8476
cbenevento@cityofhaverhill.com

January 21, 2021

8.3

TO: MEMBERS OF THE HAVERHILL CITY COUNCIL:

In accordance with Municipal Ordinance

Attached herewith are the preliminary financial reports for the month of November as required by City ordinance.

Very truly yours,

Charles Benevento
City Auditor

City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 12/01/2020 through 12/31/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

INCOME	Budget	Range To Date	Year To Date	Balance	Encumbrance	Budget Balance
Tax Revenue						
Personal Property Tax (-)	\$6,381,484.39	\$13,721.90	\$2,833,627.22	\$3,547,857.17	\$0.00	\$3,547,857.17
Real Estate Tax (-)	\$105,049,725.50	\$595,288.14	\$51,328,377.94	\$53,721,347.56	\$0.00	\$53,721,347.56
Tax Liens (-)	\$0.00	\$70,131.55	\$233,246.98	(\$233,246.98)	\$0.00	(\$233,246.98)
Other Tax (-)	\$0.00	\$1,098.47	(\$531.58)	\$531.58	\$0.00	\$531.58
Sub-total : Tax Revenue	(\$111,431,209.89)	(\$680,240.06)	(\$54,394,720.56)	(\$57,036,489.33)	\$0.00	(\$57,036,489.33)
Local Receipts						
Fines and Foreits (-)						
Investment Income (-)	\$606,000.00	\$32,370.83	\$163,101.12	\$442,898.88	\$0.00	\$442,898.88
Licenses and Permits (-)	\$600,000.00	\$19,607.81	\$144,400.65	\$455,599.35	\$0.00	\$455,599.35
Special Assessments (-)	\$1,986,431.00	\$212,078.00	\$1,280,654.75	\$705,776.25	\$0.00	\$705,776.25
Miscellaneous non-recurring (-)	\$0.00	\$85.05	\$642.57	(\$642.57)	\$0.00	(\$642.57)
Motor Vehicle Excise (-)	\$300,000.00	\$904.13	\$173,176.16	\$126,823.84	\$0.00	\$126,823.84
Other Excise (-)	\$6,910,772.00	\$96,969.98	\$1,210,065.34	\$5,700,706.66	\$0.00	\$5,700,706.66
Penalties & Interest on Taxes/Excise (-)	\$1,231,000.00	\$399,231.51	\$712,647.59	\$518,352.41	\$0.00	\$518,352.41
Payment in Lieu of Taxes (-)	\$444,000.00	\$40,941.85	\$276,164.84	\$167,835.16	\$0.00	\$167,835.16
Fees (-)	\$2,361,000.00	\$0.00	\$998,423.10	\$1,362,576.90	\$0.00	\$1,362,576.90
Rentals (-)	\$1,180,500.00	\$67,541.38	\$629,114.56	\$551,385.44	\$0.00	\$551,385.44
Other Departmental (-)	\$150,000.00	\$2,591.00	\$108,881.24	\$41,118.76	\$0.00	\$41,118.76
Sub-total : Local Receipts	\$995,440.00	\$12,801.86	\$495,392.48	\$500,047.52	\$0.00	\$500,047.52
State Aid	(\$16,765,143.00)	(\$885,123.40)	(\$6,192,664.40)	(\$10,572,478.60)	\$0.00	(\$10,572,478.60)
Chapter 70 (School Aid) (-)						
General State Aid (-)	\$63,349,956.00	\$3,996,310.00	\$25,316,385.00	\$38,033,571.00	\$0.00	\$38,033,571.00
Other School Aid (-)	\$9,415,384.80	\$869,706.00	\$4,348,530.00	\$5,066,854.80	\$0.00	\$5,066,854.80
Other non-School Aid (-)	\$525,722.00	\$65,390.00	\$294,968.00	\$230,754.00	\$0.00	\$230,754.00
Sub-total : State Aid	\$1,006,448.00	\$3,967.00	\$334,182.00	\$672,266.00	\$0.00	\$672,266.00
Transfers In	(\$74,297,510.80)	(\$4,935,373.00)	(\$30,294,065.00)	(\$44,003,445.80)	\$0.00	(\$44,003,445.80)
Transfers from Other Funds (-)	\$3,614,455.00	\$0.00	\$2,800,000.00	\$814,455.00	\$0.00	\$814,455.00

City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 12/01/2020 through 12/31/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

	Budget	Range To Date	Year To Date	Balance	Encumbrance	Budget Balance	
Sub-total : Transfers In	(\$3,614,455.00)	\$0.00	(\$2,800,000.00)	(\$814,455.00)	\$0.00	(\$814,455.00)	22.5%
Budget Only							
Free Cash (-)	\$5,100,000.00	\$0.00	\$0.00	\$5,100,000.00	\$0.00	\$5,100,000.00	100.0%
Prior Year Encumbrances (-)	\$3,650,802.87	\$0.00	\$0.00	\$3,650,802.87	\$0.00	\$3,650,802.87	100.0%
Sub-total : Budget Only	(\$8,750,802.87)	\$0.00	\$0.00	(\$8,750,802.87)	\$0.00	(\$8,750,802.87)	100.0%
Total : INCOME	(\$214,859,121.56)	(\$6,500,736.46)	(\$93,681,449.96)	(\$121,177,671.60)	\$0.00	(\$121,177,671.60)	56.4%
EXPENSES							
General Government							
Assessing (+)	\$440,924.87	\$60,071.23	\$247,959.00	\$192,965.87	\$1,982.68	\$190,983.19	43.3%
City Council (+)	\$191,698.20	\$20,580.72	\$98,610.58	\$93,087.62	\$1,569.60	\$91,518.02	47.7%
Mayor (+)	\$363,665.44	\$39,929.31	\$201,869.42	\$161,796.02	\$4,569.60	\$157,226.42	43.2%
Auditor/Finance Director (+)	\$392,940.71	\$40,730.77	\$254,830.73	\$138,109.98	\$8,337.68	\$129,772.30	33.0%
Treasurer/Collector (+)	\$597,243.05	\$65,143.03	\$304,137.01	\$293,106.04	\$837.68	\$292,268.36	48.9%
Purchasing (+)	\$122,231.63	\$14,051.71	\$62,433.55	\$59,798.08	\$1,569.60	\$58,228.48	47.6%
Law Departemnt (+)	\$337,268.77	\$18,583.59	\$172,527.21	\$164,741.56	\$0.00	\$164,741.56	48.8%
Human Resources (+)	\$284,214.40	\$25,453.17	\$177,577.40	\$106,637.00	\$2,408.04	\$104,228.96	36.7%
Municipal Information Systems (MIS) (+)	\$594,976.60	\$39,819.61	\$386,457.12	\$208,519.48	\$93,458.54	\$115,060.94	19.3%
City Clerk/Licensing (+)	\$531,025.32	\$37,901.82	\$307,435.33	\$223,589.99	\$3,167.22	\$220,422.77	41.5%
Constituent Services (+)	\$145,181.12	\$11,752.27	\$61,800.92	\$83,380.20	\$2,000.00	\$81,380.20	56.1%
Sub-total : General Government	\$4,001,370.11	\$374,017.23	\$2,275,638.27	\$1,725,731.84	\$119,900.64	\$1,605,831.20	40.1%
Community & Economic Development							
Economic Dev. & Planning (+)	\$226,430.34	\$25,958.78	\$110,108.29	\$116,322.05	\$2,571.79	\$113,750.26	50.2%
Building & Zoning (+)	\$277,020.50	\$35,995.58	\$154,085.78	\$122,934.72	\$0.00	\$122,934.72	44.4%
Inspection & Health (+)	\$469,796.40	\$50,604.78	\$251,155.38	\$218,641.02	\$1,569.60	\$217,071.42	46.2%
Sub-total : Community & Economic Development	\$973,247.24	\$112,559.14	\$515,349.45	\$457,897.79	\$4,141.39	\$453,756.40	46.6%
Public Safety							
Police (+)	\$13,709,302.15	\$1,250,648.23	\$7,045,417.46	\$6,663,884.69	\$130,717.05	\$6,533,167.64	47.7%
Fire (+)	\$11,550,806.08	\$1,318,457.34	\$5,712,019.98	\$5,838,786.10	\$86,236.43	\$5,752,549.67	49.8%
Operating Statement with Encumbrance							

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Report: rptGLOperatingStatementwithEnc

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City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 12/01/2020 through 12/31/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

	Budget	Range To Date	Year To Date	Balance	Encumbrance	Budget Balance	
Crossing Guards (+)	\$95,000.00	\$0.00	\$0.00	\$95,000.00	\$0.00	\$95,000.00	100.0%
Sub-total : Public Safety	\$25,355,108.23	\$2,569,105.57	\$12,757,437.44	\$12,597,670.79	\$216,953.48	\$12,380,717.31	48.8%
Education							
School Department (+)							
Essex/Whittier Voch. Tech. (+)	\$99,161,859.17	\$8,497,488.32	\$38,476,718.47	\$60,685,140.70	\$53,418,871.48	\$7,266,269.22	7.3%
Additional Education Programs (+)	\$9,597,369.00	\$0.00	\$4,198,781.00	\$5,398,588.00	\$0.00	\$5,398,588.00	56.3%
Sub-total : Education	\$15,000.00	\$0.00	\$15,000.00	\$0.00	\$0.00	\$0.00	0.0%
Public Works	\$108,774,228.17	\$8,497,488.32	\$42,690,499.47	\$66,083,728.70	\$53,418,871.48	\$12,664,857.22	11.6%
Building Maint. (+)							
Administration (+)	\$344,794.00	\$25,694.92	\$155,497.22	\$189,296.78	\$24,694.76	\$164,602.02	47.7%
Highways (+)	\$91,981.52	\$4,827.05	\$41,234.73	\$50,746.79	\$1,949.99	\$48,796.80	53.1%
Solid Waste & Recycling (+)	\$1,867,008.83	\$193,410.47	\$855,388.26	\$1,011,620.57	\$81,387.71	\$930,232.86	49.8%
Parking Area (+)	\$5,138,805.62	\$565,075.56	\$2,389,692.30	\$2,749,113.32	\$220,703.36	\$2,528,409.96	49.2%
Street Markings (+)	\$318,679.00	\$10,760.14	\$120,460.64	\$198,218.36	\$64,401.23	\$133,817.13	42.0%
Vehicle Maint. (+)	\$112,483.00	\$3,095.42	\$30,725.78	\$81,757.22	\$0.00	\$81,757.22	72.7%
Park Departemnt (+)	\$283,030.93	\$22,507.90	\$129,916.66	\$153,114.27	\$0.00	\$153,114.27	54.1%
Outdoor Lighting (+)	\$683,920.20	\$56,663.42	\$313,916.18	\$370,004.02	\$19,010.00	\$350,994.02	51.3%
Snow & Ice Removal (+)	\$449,000.00	\$122,341.63	\$505,126.11	(\$56,126.11)	\$0.00	(\$56,126.11)	-12.5%
Sub-total : Public Works	\$710,000.00	\$531,113.64	\$565,740.48	\$144,259.52	\$82,050.05	\$62,209.47	8.8%
Human Services	\$9,999,703.10	\$1,535,490.15	\$5,107,698.36	\$4,892,004.74	\$494,197.10	\$4,397,807.64	44.0%
Citizen Center (+)							
Senior Services (+)	\$342,501.44	\$38,395.84	\$227,924.31	\$114,577.13	\$1,826.74	\$112,750.39	32.9%
Recreation (+)	\$101,482.67	\$11,151.75	\$65,281.95	\$36,200.72	\$837.68	\$35,363.04	34.8%
Stadium Commission (+)	\$200,187.16	\$27,016.27	\$122,065.55	\$78,121.61	\$6,567.23	\$71,554.38	35.7%
Veterans Services (+)	\$14,443.00	\$2,066.21	\$6,833.44	\$7,609.56	\$0.00	\$7,609.56	52.7%
Public Library (+)	\$1,062,499.88	\$57,945.86	\$356,945.73	\$705,554.15	\$64.98	\$705,489.17	66.4%
Sub-total : Human Services	\$1,555,030.96	\$132,599.92	\$732,499.72	\$822,531.24	\$4,952.59	\$817,578.65	52.6%
Other	\$3,276,145.11	\$269,175.85	\$1,511,550.70	\$1,764,594.41	\$14,249.22	\$1,750,345.19	53.4%
Group Insurance (school) (+)	\$14,120,827.00	\$922,076.55	\$3,659,494.80	\$10,461,332.20	\$924,294.25	\$9,537,037.95	67.5%

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Report: rptGLOperatingStatementswithEnc

2020.2.11

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City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 12/01/2020 through 12/31/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

	<u>Budget</u>	<u>Range To Date</u>	<u>Year To Date</u>	<u>Balance</u>	<u>Encumbrance</u>	<u>Budget Balance</u>	
Other Employee Benefits (+)	\$2,637,270.00	\$292,574.53	\$1,653,065.05	\$984,204.95	\$89,017.39	\$895,187.56	33.9%
Debt Services (+)	\$8,497,017.00	\$148,016.61	\$2,552,378.84	\$5,944,638.16	\$0.00	\$5,944,638.16	70.0%
Group Insurance (non school) (+)	\$7,407,196.64	\$362,650.85	\$3,987,167.08	\$3,420,029.56	\$1,914.25	\$3,418,115.31	46.1%
State Assessments (+)	\$6,587,749.00	\$556,531.00	\$3,279,805.00	\$3,307,944.00	\$0.00	\$3,307,944.00	50.2%
Liability Insurance (+)	\$674,000.00	\$185,368.40	\$772,115.20	(\$98,115.20)	\$0.00	(\$98,115.20)	-14.6%
Other (+)	\$1,361,736.00	\$0.00	\$0.00	\$1,361,736.00	\$0.00	\$1,361,736.00	100.0%
Transfers to Other Fund (+)	\$861,734.00	\$0.00	\$476,000.00	\$385,734.00	\$0.00	\$385,734.00	44.8%
Reserve for Abatement/Exempt (Overlay) (+)	\$507,962.96	\$0.00	\$0.00	\$507,962.96	\$0.00	\$507,962.96	100.0%
Snow & Ice Deficit (+)							
Pensions (+)	\$274,538.00	\$0.00	\$0.00	\$274,538.00	\$0.00	\$274,538.00	100.0%
Sub-total : Other	\$19,549,289.00	\$0.00	\$18,715,885.00	\$833,404.00	\$0.00	\$833,404.00	4.3%
	\$62,479,319.60	\$2,467,217.94	\$35,095,910.97	\$27,383,408.63	\$1,015,225.89	\$26,368,182.74	42.2%
Total : EXPENSES	\$214,859,121.56	\$15,825,054.20	\$99,954,084.66	\$114,905,036.90	\$55,283,539.20	\$59,621,497.70	27.7%
NET (ADDITION)/DEFICIT	\$0.00	\$9,324,317.74	\$6,272,634.70	(\$6,272,634.70)	\$55,283,539.20	(\$61,556,173.90)	0.0%

End of Report

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021

☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
1010000	General Fund	\$19,900,689.70	\$96,170,541.66		\$0.00	\$9,954,022.70
1020000	General Fund Prior Year Encumbered	\$0.00	\$0.00	(\$106,117,208.66)	\$0.00	
1030000	General Fund - City Charges School	\$0.00	\$0.00	(\$2,557,102.31)	\$0.00	(\$2,557,102.31)
1510000	General Fund Long Term Debt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102533	Bureau of Justice Asst-Police	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102700	Administration-Salaries	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102701	Administration-Expense	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102702	Pub Law 100-242	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102703	Clearance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102704	Code Enforcement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102705	Public Improv & Facilities	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102706	Rehabilitation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102707	Public Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102708	Rehab Loans & Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102709	FTHB Down Payment Assistance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102710	Relocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102711	CDBG-Economic Development	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102712	Affordable Housing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102716	CDBG FY2016	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102717	CDBG FY2017	\$459.54	\$0.00	\$0.00	\$0.00	\$459.54
2102718	CDBG FY2018	(\$22,025.57)	\$23,347.54	(\$23,347.54)	\$0.00	(\$22,025.57)
2102719	CDBG FY2019	\$11,207.35	\$167.79	(\$167.79)	\$0.00	\$11,207.35
2102720	CDBG FY2020	\$136,869.61	\$179,205.67	(\$203,887.87)	\$0.00	\$112,187.41
2102721	CDBG FY2021	(\$120,879.24)	\$267,750.44	(\$334,364.95)	\$0.00	(\$187,493.75)
2102901	Home Consortium	\$0.00	\$0.00	(\$68,330.67)	\$0.00	(\$68,330.67)
2102902	CDBG/MHFA Loan Program	\$1,397.75	\$7,247.00	(\$2,747.50)	\$0.00	\$5,897.25
2102907	Special Needs Assistance	\$30,162.04	\$0.00	(\$14,010.00)	\$0.00	\$16,152.04
2102908	Brownfields Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102909	Non-CDBG Program Income	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2109511	Law Enforcement Technology DOJ	\$12,279.19	\$0.00	\$0.00	\$0.00	\$12,279.19
2109512	Parking Garage-Downtown	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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Report: rptGLFundBalances

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City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2111511	Law Enf Technology DOJ FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2115210	JAG PD Technology Upgrade	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2116210	JAG PD Mobile Video & Crime Control	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2116211	JAG Implementation Program CFDA16.738	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2117210	JAG Mobile Office Project CFDA 16.738	\$26,309.57	\$0.00	(\$10,007.58)	\$0.00	\$0.00
2117211	JAG Implementation Program CFDA16.738	\$0.00	\$0.00	\$0.00	\$0.00	\$16,301.99
2119210	JAG Law Enforcement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2120210	JAG Law Enforcement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2120215	JAG Prisoner Transport Vehicle	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2142910	EM-Medical Reserve Corps	(\$31,190.00)	\$0.00	\$0.00	\$0.00	(\$31,190.00)
2160121	EPA Brownfields - Petroleum Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2160122	EPA Brownfields - Haz Waste Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2172910	NACCHO for Emergency Mgmt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2191642	Merrimack Riverbank Stabilization	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202538	Prostate Grant-Health Dept	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202539	Wilson Reading Syst - LSTA Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202540	State Tank Removal Reimb	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202541	Cricket Foundation Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202544	Hoarding Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202547	Primary Tank Conversion Fed Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202548	Fire Dept Safety Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202550	Lyme Disease Prev Serv Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202552	Factory Mutual Arson Investigation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202554	Fire Safety Equipment Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202555	Fire Rescue Boat	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202556	Gas Line Emergency Training	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202560	Fire Fighter Equip State Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202561	SG Hazardous Waste Tech Gr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202564	Library Early Child Res Grant	\$1,983.71	\$0.00	\$0.00	\$0.00	\$0.00
2202568	Emer Mgmt Local Emerg	\$0.00	\$0.00	\$0.00	\$0.00	\$1,983.71
2202800	Northeast Consortium	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2210110	MA Clean Energy Choice	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210170	CDBG-Neighborhood Stabilization Program	\$10,244.87	\$0.00	\$0.00	\$0.00	\$10,244.87
2210210	Shannon Anti-Gang Grant FY2011	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210220	Ferry Road - MBTA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210221	Rte 97 & 113 - MBTA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210350	State 911 Grant - FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210351	State 911 Dept Training	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210359	MA Decontamination Unit FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210910	EMPG Grant FY21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210911	Public Health Emergency Response	\$0.00	\$0.00	(\$1,570.00)	\$0.00	(\$1,570.00)
2210912	H1N1 Intl Inst of Gr Lawrence	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2211170	Urban Neighborhood Parks	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2211400	OCDETF Haverhill PD	(\$14,984.84)	\$0.00	\$0.00	\$0.00	(\$14,984.84)
2211550	State 911 Grant - FY11	\$0.40	\$0.00	\$0.00	\$0.00	\$0.40
2211559	MA Decontamination Unit FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2211560	Formula Grant COA FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2212175	Merrimack St Renaissance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213200	Shannon Grant (FY13)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213550	State 911 Grant - FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213564	LSTA Tweens & Teens	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213630	Swasey Park PH I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213662	Ferry St Boat Ramp Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2214175	MASSWORKS Boardwalk Ext	(\$372,589.91)	\$375,000.00	\$0.00	\$0.00	\$0.00
2214200	Shannon Grant (FY14)	\$0.00	\$0.00	(\$94,958.00)	\$0.00	(\$92,547.91)
2214210	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2214346	Vacant Properties Grant DP/IR	\$89,288.06	\$0.00	\$0.00	\$0.00	\$0.00
2214550	State 911 Grant - FY14	\$0.00	\$0.00	(\$11,890.26)	\$0.00	\$77,397.80
2215138	FY15 Regional Energy Manager	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215200	Naloxone Grant FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215210	MA Municipal Police Staffing (FY21)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215211	Shannon Grant (FY21)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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☐ Include Cash Balance

Fund Type:

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2215220	SAFE Grant FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215375	375th Anniversary - MA Earmark	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215550	State 911 Grant - FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215559	MA Decontamination Unit FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215560	Formula Grant COA FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215630	Swasey Park PH II	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215900	GAR Park Common Backyard	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215902	Bike & Complete Streets Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215910	EMPG Grant FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216200	Naloxone (Narcan) Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216211	Shannon Grant (FY16)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216215	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216220	SAFE Grant FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216250	Last Alarm Grant	\$3,617.69	\$0.00	\$0.00	\$0.00	\$0.00
2216300	GATEWAY City Parks - Stadium	\$0.00	\$0.00	\$0.00	\$0.00	\$3,617.69
2216430	Recycling Dividends Program	\$79,137.96	\$0.00	\$0.00	\$0.00	\$0.00
2216453	Water Infrastructure Assessment	\$0.00	\$49,360.50	(\$29,142.04)	\$0.00	\$99,356.42
2216559	MA Decontamination FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216560	Formula Grant COA FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216630	Gateway Riverside Park	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217161	Early Voting Incentive Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217200	Naloxone (Narcan) Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217210	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217211	Shannon Grant (FY17)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217220	SAFE Grant FY17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217309	Haverhill On The Move	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217311	311 Grant	\$9,787.34	\$0.00	\$0.00	\$0.00	\$0.00
2217559	MA Decontamination FY17	\$2,382.61	\$0.00	\$0.00	\$0.00	\$9,787.34
2217630	Cashman Field PARC 10	\$0.00	\$0.00	\$0.00	\$0.00	\$2,382.61
2217700	Washington Square Placemaking	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217705	TDI Local Lift	\$784.91	\$0.00	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$784.91

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2217710	TDI Small Business Development	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218175	MASSWORKS Merrimack St Heights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218182	MASSWORKS Harbor Place Phil	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218210	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218211	Shannon Grant (FY18)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218220	SAFE Grant FY18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218225	EOPS FY2018	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218300	SSYI	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218400	DEP Asset Mgmt Plan	\$18,434.20	\$125,000.00	(\$143,433.93)	\$0.00	\$0.27
2218453	Plaistow MBE Remediation	\$29,514.54	\$0.00	\$0.00	\$0.00	\$29,514.54
2218550	State 911 Grant - FY18 PSAP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218551	State 911 Grant - FY18 Training	\$18,906.02	\$0.00	\$0.00	\$0.00	\$18,906.02
2218560	Formula Grant COA FY18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218700	Bradford Rail Trail Ext Earmark	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218910	EMPG Grant FY18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219121	Green Communities Grant	(\$72,528.87)	\$0.00	\$0.00	\$0.00	\$0.00
2219210	Naloxone (Narcan) Grant	\$632.81	\$2,500.00	(\$1,172.00)	\$0.00	(\$72,528.87)
2219211	MA Municipal Police Staffing	\$0.00	\$0.00	(\$630.68)	\$0.00	\$1,960.81
2219212	Shannon Grant (FY19)	\$0.00	\$0.00	\$0.00	\$0.00	(\$630.68)
2219220	SAFE Grant FY19	\$0.00	\$0.00	(\$353.16)	\$0.00	\$0.00
2219250	Last Alarm-Honor Guard Uniforms	\$3,176.28	\$50.00	\$0.00	\$0.00	(\$353.16)
2219422	Complete Streets	\$0.00	\$0.00	\$0.00	\$0.00	\$3,226.28
2219481	EV Charging Station Rebate	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219550	State 911 Grant - Support/Incentive	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219551	State 911 Grant - Training	\$0.00	\$0.00	(\$12,070.40)	\$0.00	(\$12,070.40)
2219560	Formula Grant COA FY19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219700	Powder House Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219910	EMPG Grant FY19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220121	MVP Grant (FY20)	\$11,980.00	\$0.00	(\$44,446.75)	\$0.00	\$0.00
2220182	Urban Agenda Grant	\$39,500.00	\$47,500.00	(\$87,000.00)	\$0.00	(\$32,466.75)
2220200	MAPC Covid-19	\$10,004.62	\$5,000.00	(\$17,524.62)	\$0.00	\$0.00
						(\$2,520.00)

City of Haverhill Massachusetts

Fund Balances

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☐ Include Cash Balance

Fund Type:

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2220210	Shannon Grant (FY12)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220212	MA Municipal Police Staffing FY20	\$118,948.65	\$0.00	(\$133,501.32)	\$0.00	(\$14,552.67)
2220215	Shannon Grant (FY20)	\$142,534.73	\$0.00	(\$117,783.92)	\$0.00	\$24,750.81
2220220	SAFE Grant FY20	\$7,371.03	\$0.00	\$0.00	\$0.00	\$7,371.03
2220424	Street Lights Retrofit	(\$189,685.50)	\$173,079.38	\$0.00	\$0.00	(\$16,606.12)
2220500	Vietnam Veterans Memorial	\$8,377.27	\$0.00	\$0.00	\$0.00	\$8,377.27
2220550	State 911 Grant - Support/Incentive	(\$24,947.07)	\$66,185.72	(\$172,941.68)	\$0.00	(\$131,703.03)
2220551	State 911 Grant - Training	(\$3,970.00)	\$22,957.50	(\$365.00)	\$0.00	\$18,622.50
2220552	State 911 Grant - Medical Dispatch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220559	Fire MDU Grant	\$4,000.00	\$0.00	\$0.00	\$0.00	\$4,000.00
2220560	Formula Grant COA FY20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220630	Riverside Park FY20 Earmark	(\$9,673.40)	\$9,673.40	\$0.00	\$0.00	\$0.00
2220700	Census Grant FY20	\$25,000.00	\$0.00	\$0.00	\$0.00	\$25,000.00
2220720	Housing Choice Funds FY20	\$0.00	\$249,000.00	(\$25,000.00)	\$0.00	\$224,000.00
2220910	EMPG Grant FY20	(\$22,749.75)	\$0.00	(\$248,797.58)	\$0.00	(\$271,547.33)
2221121	ADA Accessibility Grant	\$0.00	\$0.00	(\$2,732.24)	\$0.00	(\$2,732.24)
2221182	Omsteem Redevelopment (MASSWORKS)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2221410	Little River Dam Removal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2221630	Plug Pond Improvements (PARC)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2232541	Enhanced School Health Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2242559	MA Decontamination Unit Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2252100	Police Task Force	\$25,564.42	\$0.00	\$0.00	\$0.00	\$25,564.42
2252560	Formula Grant COA FY05	\$0.00	\$18,383.00	(\$26,495.92)	\$0.00	(\$8,112.92)
2262210	Shannon Grant (FY06)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2262560	Formula Grant COA FY06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272210	Shannon Grant (FY07)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272546	Ambulance Task Force	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272554	Firefighters Equip FY07 State Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272559	Community Police FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282100	Bradford Rail Trail Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282182	Technical Assistance Permitting 43D	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2282210	Shannon Grant (FY08)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282539	Library Equal Access - LSTA Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282559	Community Police FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282560	Formula Grant COA FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2290018	MORE II Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292100	Tree Replacement Project DCR	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292150	Citizen Center MTC Energy & Efficiency	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292160	Gateway Plus Action Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292182	DEP Brownfields Technical Assistance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292210	Shannon Grant (FY10)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292401	River of Arts Program - MCC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292541	Essential School Health	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292542	Essential School Health (FY15)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292543	Essential School Health FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292544	Essential School Health FY17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292545	Essential School Health FY 18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292546	Essential School Health FY 19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292547	Essential School Health FY20	(\$55,657.77)	\$0.00	\$27,591.20	\$0.00	(\$28,066.57)
2292548	ESH Regional Nurse Consultant FY 20	\$9,475.48	\$0.00	(\$3,912.35)	\$0.00	\$5,563.13
2292549	ESH FY 21	\$45,069.81	\$0.00	(\$44,603.91)	\$0.00	\$465.90
2292550	State 911 Grant	\$0.00	\$0.00	(\$14,603.73)	\$0.00	(\$14,603.73)
2292551	ESH Regional Nurse Consultant FY 21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292559	Community Police FY09	\$0.00	\$89,100.00	(\$48,491.00)	\$0.00	\$40,609.00
2292560	Formula Grant COA FY09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2295420	Project Bread Cafe Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302070	Elderly Meals Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302100	Insurance Reimbursements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302141	Park Department Rental	\$42,445.55	\$23,393.91	(\$86,427.69)	\$0.00	(\$20,588.23)
2302144	Stadium Revolving	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302147	Park Commission	\$31,883.04	\$10,000.00	(\$8,567.93)	\$0.00	\$33,315.11
2302149	Dock Fees - Park Commission	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		\$4,301.38	\$1,135.00	(\$2,090.53)	\$0.00	\$3,345.85

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City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021

☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2302227	Waterways Fund	\$30,033.39	\$4,958.74	(\$1,439.81)	\$0.00	\$33,552.32
2302240	State Aid To Libraries	\$8.16	\$0.00	\$0.00	\$0.00	\$8.16
2302330	Haverhill Arts Comm. LIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302331	Hav Arts Comm Local Receipts	\$58,357.95	\$0.00	(\$13,600.00)	\$0.00	\$44,757.95
2302332	Haverhill Historic Commission	\$617.00	\$0.00	\$0.00	\$0.00	\$617.00
2302338	Fed Law Enf Narcotic Revolving Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302382	Health Dept Food Training Pro	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302383	Conservation Filing Fees	\$6,297.90	\$0.00	\$0.00	\$0.00	\$0.00
2302385	Conservation Permits/Crystal	\$0.00	\$145.00	(\$4,798.23)	\$0.00	\$1,644.67
2302387	Law Enf Narcotic Revolving Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302388	Fed Law Enf Narcotic Revolving	\$41,764.38	\$9,162.71	(\$4,928.24)	\$0.00	\$45,997.85
2302530	Police Dept Community Donations	\$113,542.41	\$34,942.50	(\$18,506.28)	\$0.00	\$129,978.63
2302531	DARE Program-Donations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302532	Library Gift for Literacy Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302533	Blue Cross Prevention & Wellness	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302662	Recreation/Parks Revolving	\$7,789.87	\$32,985.77	(\$35,577.30)	\$0.00	\$0.00
2302663	Skating Rink Revolving	\$36,757.69	\$71,920.00	(\$110,377.56)	\$0.00	\$5,198.34
2302666	Citizen Center Revolving	\$0.00	\$459.00	(\$545.00)	\$0.00	(\$86.00)
2302667	Council on Aging Revolving	\$21,649.54	\$2,888.07	(\$7,887.71)	\$0.00	\$16,649.90
2302670	Wood School Day Care Revolving Fund	\$71,657.96	\$19,827.00	(\$16,469.47)	\$0.00	\$75,015.49
2302671	Parking Commission Revolving	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302672	Crowell School Day Care Revolving Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302673	Municipal Open Space Management	\$50,833.24	\$0.00	\$0.00	\$0.00	\$50,833.24
2302781	Reimb Extended Polling Hours	\$27,989.29	\$22,163.40	(\$315.00)	\$0.00	\$49,837.69
2310492	Hilldale Tree Planting-Natl Grid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2311210	Police Dept Rotary Club Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2312000	High School Graduating Classes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2312500	Parking Services Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2370171	ENHC 2007 Trails Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2402090	Ins Proceeds over \$150,000	\$261.22	\$0.00	\$0.00	\$0.00	\$0.00
2402170	Net Bond Premium	\$0.00	\$26,764.21	(\$364,370.41)	\$0.00	\$261.22
						(\$337,606.20)

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2402171	Sale of Non -Tax Title Real Estate	\$386,223.78	\$225,333.34	(\$79,100.00)	\$0.00	\$512,457.12
2403000	Auditorium Rental Cust. Maint	\$9,205.46	\$0.00	\$0.00	\$0.00	\$9,205.46
2403001	Engineering Inspection Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403002	Parking Fee Surcharge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403003	Primrose St Sewer Survey	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403004	Cable TV Royalties	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403006	Computer Fees-Parking Fines	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403007	Street Opening Permits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403008	Firearms /Permits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403009	Veterans Markers	\$8,550.00	\$13,750.00	\$0.00	\$0.00	\$22,300.00
2403011	Façade Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403012	DPW Reserve for Capital	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2419422	Transportation Network DPU	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2502210	DEA Narcotics Fund	\$87,624.64	(\$28,446.14)	\$0.00	\$0.00	\$59,178.50
2502563	Commission on Disability Issues	\$83,873.08	\$7,443.90	(\$25,714.60)	\$0.00	\$65,602.38
2502564	Hav Comm on Disability/ Deaf	\$85,311.47	\$6,910.00	(\$4,000.00)	\$0.00	\$88,221.47
2502566	AT & T Broadband Settlement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2510332	COA Transportation Gift Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2511121	Gift for Bradford Community	\$3,249.69	\$0.00	(\$2,008.00)	\$0.00	\$1,241.69
2511210	Gift Public Safety Ground Equip PD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2511220	Gift Public Safety Ground Equip FD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2511401	Clean River Project Gift Account	\$951.36	\$0.00	\$0.00	\$0.00	\$951.36
2511550	Gift for Stadium Scoreboard	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2512171	Gift for Haverhill Trails Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2512400	Gift for Memorial Bench	\$849.89	\$0.00	\$0.00	\$0.00	\$849.89
2513210	Gift for Police - DAlessandro Trust	\$934.52	\$0.00	\$0.00	\$0.00	\$934.52
2513220	Gift for Fire - FM Global	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2513410	Gift for Trees	\$1,439.00	\$0.00	\$0.00	\$0.00	\$1,439.00
2513422	Gift for Memorial Trees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2514200	Gift for Bradford Rail Trail FPF	\$515.03	\$0.00	\$0.00	\$0.00	\$515.03
2515000	Gift for Childrens Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021

☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2515220	Fire Prevention Training 3M	\$2,306.00	\$0.00	\$0.00	\$0.00	\$2,306.00
2515500	Gift for Haverhill Parking	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
2515630	Gift for 375th Anniversary	\$450.94	\$0.00	\$0.00	\$0.00	\$450.94
2516182	Gift for Waiver - Affordable Housing	\$57,000.00	\$0.00	\$0.00	\$0.00	\$57,000.00
2516630	Gift for Haverhill Disc Golf	\$13,210.08	\$0.00	(\$8,503.27)	\$0.00	\$4,706.81
2517121	Gift for DeJesus Family Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2517430	Gift for Recycling Outreach	\$52,918.73	\$42,029.33	(\$22,916.50)	\$0.00	\$72,031.56
2519500	Gift for Vietnam Memorial	\$13,751.19	\$7,460.00	(\$15,652.64)	\$0.00	\$5,558.55
2520121	Gift for Portland Fire	\$427.25	\$0.00	\$0.00	\$0.00	\$427.25
2520125	Gift for Covid 19 Emergency Housing	\$0.00	\$10,000.00	\$0.00	\$0.00	\$10,000.00
2542100	Police Dept Community Donations	\$6,006.95	\$0.00	\$0.00	\$0.00	\$6,006.95
2542200	Fire Dept Community Donation	\$3,466.36	\$0.00	\$0.00	\$0.00	\$3,466.36
2542300	Council on Aging Gifts Account	\$7,427.43	\$0.00	(\$1,170.10)	\$0.00	\$6,257.33
2542301	COA Griffin White Grant	\$0.00	\$173.67	(\$623.66)	\$0.00	(\$449.99)
2542403	Fire Works Gift	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2542404	Gift for Americal Div Comeau Bridge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2542405	Gift for Santa Parade	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2542500	Disaster Relief Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2572401	Downtown Master Plan Parking Study	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2582406	Gift for Ice Rink Board Renovations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2582500	94 Emerson St Victim Relief Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2592100	Alzheimer & Autism Equipment Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2592200	Security Camera Fund - Police	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2592300	Recreation Gifts Account	\$1,518.39	\$0.00	\$0.00	\$0.00	\$1,518.39
2592330	Recreation/Football Gift Account	\$1,109.78	\$0.00	\$0.00	\$0.00	\$1,109.78
2592331	Gift for Haverhill Rocks	\$241.48	\$0.00	\$0.00	\$0.00	\$241.48
2593000	School Gift from Class of 1938 HHS Door	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2610013	Energy Efficiency Recovery Block Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2610210	JAG Formula Program-Recovery Act	\$0.00	\$0.00	(\$74,484.97)	\$0.00	(\$74,484.97)
2610212	ARRA VAWA STOP Law Enf Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2610220	ARRA Fire Services Staffing Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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Report: rptGLFundBalances

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
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☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2610700	CDBG-R	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2611210	ARRA MA Municipal Police Staffing (JAG)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2620001	COVID-19 CARES ACT	\$1,888,715.04	\$2,117,945.00	(\$2,219,415.54)	\$0.00	\$1,787,244.50
2620002	COVID-19 FEMA	(\$371,522.15)	\$0.00	(\$401,007.74)	\$0.00	(\$772,529.89)
2620541	ESMV Covid-19	\$0.00	\$23,659.00	(\$3,140.86)	\$0.00	\$20,518.14
2620901	CDBG-CV	(\$72,323.13)	\$414,074.61	(\$343,395.27)	\$0.00	(\$1,643.79)
2621610	IMLS Cares Act	\$0.00	\$3,500.00	(\$3,500.00)	\$0.00	\$0.00
3100001	Lincolnshire Drainage Bonds	\$3,818.14	\$0.00	\$0.00	\$0.00	\$3,818.14
3100002	Crystal/Kenoza Water Line Bnd	\$25,428.56	\$0.00	\$0.00	\$0.00	\$25,428.56
3100003	Millvale/Broadway Pump & Trea	\$700.40	\$0.00	\$0.00	\$0.00	\$700.40
3100005	Storm Water GIS	\$9.00	\$0.00	\$0.00	\$0.00	\$9.00
3100007	2005 Water Improvements Design	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100008	Hilldale Sewer Project Engineering	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100009	MWPAT Water Treatment Plant Improverner	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100010	Willow Ave Drainage FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100013	WTP Water Pumps & Motors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100014	Silver Hill BPS Construction	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100015	Western Ave Water Main Betterment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3110007	S Main St Watermain Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3111016	Water Meter Replacement	\$113,762.11	\$0.00	\$0.00	\$0.00	\$0.00
3111017	Water Distribution Improvements FY2011	\$569,279.14	\$0.00	(\$46,692.21)	\$0.00	\$67,069.90
3111018	Water 20" & 36" Transmission Mains	\$248,481.03	\$3,023,421.00	\$0.00	\$0.00	\$569,279.14
3111019	Water Treatment Plant Improvements FY201	(\$1,702,880.04)	\$3,146,103.00	\$0.00	\$0.00	\$3,271,902.03
3111020	Water Fleet & Equipment	\$14,516.00	\$0.00	(\$1,873,519.35)	\$0.00	(\$430,296.39)
3111021	Water Supply Dams	\$4,466.78	\$0.00	\$0.00	\$0.00	\$14,516.00
3111022	Water Carbon Filters	\$0.00	\$0.00	\$0.00	\$0.00	\$4,466.78
3111023	Watershed Management Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3111024	Water Supply Fee	\$136,864.43	\$0.00	\$0.00	\$0.00	\$0.00
3113000	Water Large Meter Replacement	\$0.00	\$0.00	(\$55,308.86)	\$0.00	\$81,555.57
3119018	Water 20"x36" Mains SRF	(\$1,118,730.33)	\$1,103,295.00	\$0.00	\$0.00	\$0.00
3119019	Water 20"x36" Mains Non-SRF	\$52,875.50	\$0.00	(\$2,712,706.62)	\$0.00	(\$2,728,141.95)
				\$0.00	\$0.00	\$52,875.50

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
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Fund Type: ☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3119020	Sewer System Improvements	\$946,510.43	\$0.00	(\$362,043.63)	\$0.00	\$584,466.80
3120453	Amesbury Road Land Acquisition	\$0.00	\$0.00	(\$272,000.00)	\$0.00	(\$272,000.00)
3200001	State Septic Tank Land Prog	\$2,990.00	\$0.00	\$0.00	\$0.00	\$2,990.00
3200010	Merrimack River Initiative MWPAT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3200011	Stormwater GIS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3200012	CSO PHII Long Term Control Plan	\$3,206.76	\$0.00	\$0.00	\$0.00	\$3,206.76
3200013	Flood Wall Engineering	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3200022	CSO PHII SRF	\$5,100.01	\$0.00	\$0.00	\$0.00	\$5,100.01
3211014	VW Treatment Facility Rehab & Repair	\$24,918.34	\$0.00	\$0.00	\$0.00	\$24,918.34
3211015	Sewer Rehab & Repair	\$172,290.78	\$0.00	\$0.00	\$0.00	\$172,290.78
3211016	Merrimack Riverbank Stabilization	\$1,221.93	\$0.00	\$0.00	\$0.00	\$1,221.93
3212015	Sewer System Extension	\$280.19	\$0.00	\$0.00	\$0.00	\$280.19
3213000	VW Billing System	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3213013	Floodwall Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3214012	CSO PHII LTCP	(\$14,834.94)	\$0.00	\$0.00	\$0.00	(\$14,834.94)
3214013	CW-14-18 CSO PHII & Stormwater Tasks	(\$2,651.38)	\$0.00	\$0.00	\$0.00	(\$2,651.38)
3215000	Upper Lake St Sewer Betterment	\$3,400.88	\$0.00	\$0.00	\$0.00	\$3,400.88
3216000	Wastewater Odor \$2.2M Bond	\$1,288,454.41	\$0.00	(\$1,288,454.41)	\$0.00	\$0.00
3216012	CW-14-15 CSO System Improvements	\$13,319.48	\$0.00	\$0.00	\$0.00	\$13,319.48
3216016	Wastewater Consent Decree SEP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3217000	CW-17-14 Wastewater Odor Control	(\$142,898.57)	\$0.00	(\$470,817.38)	\$0.00	(\$613,715.95)
3217001	CW-17-14 Carlton St & N Ave Pump Station	\$15,617.69	\$0.00	(\$15,000.00)	\$0.00	\$617.69
3218001	Merrimack Riverbank	(\$282,200.00)	\$0.00	\$0.00	\$0.00	(\$282,200.00)
3218002	Marsh Ave/Main St Sewer Repairs \$500k Bc	\$52,331.48	\$0.00	\$0.00	\$0.00	\$52,331.48
3219012	CSO PH III Tasks	\$223,284.48	\$1,510,102.41	(\$346,079.05)	\$0.00	\$1,387,307.84
3220014	Wastewater Capital Outlay	\$378,661.00	\$0.00	(\$61,842.07)	\$0.00	\$316,818.93
3220423	Stormwater System Improvements	\$144,000.00	\$0.00	(\$84,165.00)	\$0.00	\$59,835.00
3221442	Sewer System Cleaning Truck (Bond)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300009	Montvale /Concord Elem Sch Bnd	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300010	High School Pool Roof	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300011	Renovation Stadium Synthetic Turf	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance (\$100,000.00)	Revenue	Expense	Transfers	Fund Balance (\$100,000.00)
3300012	Trinity Stadium Improv-PARC		\$0.00	\$0.00	\$0.00	
3300014	HHS Renovations 2003	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300015	School Boilers 2003	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300022	Whittier Windows	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300026	School Textbooks FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3312050	Green Repair Project - Schools	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3312090	FY12 School Dept Bldg Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3312100	Hunking School Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3313100	Hunking School Feasibility Study	\$68,155.00	\$0.00	\$0.00	\$0.00	\$68,155.00
3314043	Water Loss Bradford Elementary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3314100	Hunking Middle School	(\$2,905,550.18)	\$0.00	\$0.00	\$0.00	(\$2,905,550.18)
3316100	FY16 Sidewalk Repair HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3316101	FY16 Curbing & Concrete Repair HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3316725	Consentino Flood Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3316785	Tilton School Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3317725	Consentino Lockers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3318725	Consentino Facility Study	\$750,000.00	\$0.00	\$0.00	\$0.00	\$750,000.00
3319029	Track Reconstruction & Improvement	\$184,389.46	\$0.00	(\$184,389.46)	\$0.00	\$0.00
3319300	Schools - Repair Drains & Gutters	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3319301	School Building Repairs/Renovations	\$7,103.94	\$0.00	\$0.00	\$0.00	\$7,103.94
3319305	Schools - Boiler Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3319500	HHS Roof Repairs (Gym&Pool)	\$204,094.64	\$0.00	(\$330,511.75)	\$0.00	(\$126,417.11)
3319725	Consentino Temporary Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3319726	Consentino Roof	\$4,470.82	\$0.00	\$0.00	\$0.00	\$0.00
3319770	St James Lighting	\$0.00	\$0.00	(\$2,800.00)	\$0.00	\$1,670.82
3319795	Whittier Asbestos Removal	\$344,672.10	\$0.00	\$0.00	\$0.00	\$0.00
3319801	School Technology	\$0.00	\$0.00	(\$134,583.26)	\$0.00	\$210,088.84
3320036	School Technology 2012	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3370029	Girls Softball Field	\$238,931.76	\$0.00	\$0.00	\$0.00	\$0.00
3400010	Fuel Depot 9/2003	\$16,398.12	\$0.00	(\$238,931.76)	\$0.00	\$0.00
3408220	Fire Dept Ladder Truck FY08	\$0.00	\$0.00	(\$36,487.96)	\$0.00	(\$20,089.84)
			\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3410220	Ladder Truck Repairs FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3412092	FY12 Maint & Repair - City Hall	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3412093	Washington Crossing Park	\$222.16	\$0.00	\$0.00	\$0.00	\$222.16
3412100	Bradford Rail Trail - City	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3412400	Traffic Signal Improvements FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3413092	Maint & Repair - City Hall	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3413200	FY13 Capital - Public Safety Bldgs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3413422	Tree Planting Capital	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414121	FY14 Rail Trail Extension	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414155	FY14 Replace/Upgrade Technology	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414156	FY14 Disaster Recovery Servers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414192	FY14 City Hall Exterior Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414200	FY14 New Fire Truck	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414210	Police Station Canopy	\$150,000.00	\$0.00	\$0.00	\$0.00	\$0.00
3414220	FY14 Water St Boiler	\$0.00	\$76,000.00	(\$36,918.55)	\$0.00	\$189,081.45
3414221	FY14 Water St Hose Tower	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414222	FY14 Water St Greenway Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414223	FY14 16th Ave Apparatus Bay Floor	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414300	FY14 HHS Curbing & Cement Decking	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414420	FY14 Highway Generator Electrical	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414549	FY14 Cit Center Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414630	FY14 Dog Park Fence	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415100	FY15 PD Fleet Maintenance Facility	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415210	Security Cameras (2) PD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415211	FY15 PD Boiler Replace	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415220	Facade Repairs 16th Ave Fire Station	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415221	High ST. Fire St Rewiring/Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415222	Ayers Village Fire Stn Heating Rps.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415300	FY15 Consentino Paving	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415549	Citizen Ctr Bathrooms(6)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415630	Skating Rink Roof Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

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Year: 2021
Fund Type: ☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3415631	Riverside Park Bathroom Repair	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416100	FY16 Paint & Repair Eves City Hall	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416111	FY16 Council Office A/C Repair	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416120	City Hall Document Management	\$11,069.50	\$0.00	\$0.00	\$0.00	\$11,069.50
3416121	FY16 Rail Trail	\$14,875.49	\$0.00	(\$34,065.90)	\$0.00	(\$19,190.41)
3416122	Rail Trail Design Phase II	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416138	City Hall Energy Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416151	Boardwalk Easements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416155	City IT New Core Switch	\$12,196.95	\$0.00	\$0.00	\$0.00	\$12,196.95
3416161	Clerk Rebind Vital Books	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416190	City Hall A/C	\$16,906.88	\$0.00	\$0.00	\$0.00	\$16,906.88
3416192	FY16 Retaining Wall City Hall	\$139,059.85	\$0.00	(\$9,400.00)	\$0.00	\$7,506.88
3416193	FY16 City Hall Flooring	\$0.00	\$0.00	(\$51,160.65)	\$0.00	\$87,899.20
3416194	FY16 City Hall Parking Lot Stairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416195	FY16 City Hall Energy Upgrades	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416196	City Wide Building Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416200	Water St Heating System	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416210	Police Station Sprinkler Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416211	Police Station Mold Mitigation	\$15,826.44	\$0.00	\$0.00	\$0.00	\$15,826.44
3416212	Police Station Building Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416400	DPW Loader Snow Blower	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416401	Parking Deck Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416422	DPW Retro-Fit Front End Loader	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416423	DPW Flashing Lights	\$1,880.00	\$0.00	\$0.00	\$0.00	\$1,880.00
3416425	DPW One-Ton Truck	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416510	Health Department Vehicle	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417145	Treasurer Office Security	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417155	Broadway Easements	\$16,096.60	\$0.00	\$0.00	\$0.00	\$16,096.60
3417192	City Hall Flooring	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417193	City Hall Bathrooms	\$0.00	\$20,000.00	\$0.00	\$0.00	\$20,000.00
3417194	City Hall Exterior Repairs	\$39,710.00	\$0.00	(\$9,250.00)	\$0.00	\$30,460.00
			\$0.00	\$0.00	\$0.00	\$39,710.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

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Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3417195	High St Station Wiring	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417196	Rocks Village Heating	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417197	City Hall Signage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417210	Police Station Window Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417211	Speed Signs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417212	Police Vehicles	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417215	Dog Pound Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417220	Fire Inspector Vehicle	\$24,365.70	\$0.00	(\$895.90)	\$0.00	(\$895.90)
3417221	Fire Truck (FY17 Bond)	\$0.00	\$0.00	(\$10,411.12)	\$0.00	\$13,954.58
3417410	Main St Improvement Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417422	Six-Wheel Dump Truck	\$0.00	\$0.00	(\$1,021,376.00)	\$0.00	(\$1,021,376.00)
3417423	One-Ton Dump Truck	\$1,869.00	\$0.00	\$0.00	\$0.00	\$0.00
3417424	Bucket Truck - FY17 Bond	\$0.00	\$0.00	\$0.00	\$0.00	\$1,869.00
3417442	Lake St & Water St Sewer Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417550	Stadium Repairs - FY17 Bond	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417600	Historic Signage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417630	Smiley School Playground	\$2,000.00	\$0.00	\$0.00	\$0.00	\$0.00
3418001	Cashman Field	\$0.00	\$0.00	\$0.00	\$0.00	\$2,000.00
3418125	Fire Rte 125 Light Loop Replace	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418155	Open Gov IT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418161	City Clerk Office Alarm	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418162	City Clerk Glass Door	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418182	Planning Master Plan	\$1,034.29	\$0.00	\$0.00	\$0.00	\$0.00
3418192	City Hall Phone System	\$3,848.78	\$0.00	\$0.00	\$0.00	\$0.00
3418194	City Hall Boiler Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$1,034.29
3418200	Police Byrne Grant Staffing	\$0.00	\$0.00	(\$2,212.50)	\$0.00	\$1,636.28
3418210	Police Station Air Conditioning Replace	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418211	Air Conditioner Police Computer Room	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418212	Police Station Windows Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418215	ACO Replacement Vehicle	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418216	Police Station Generator	\$9,058.42	\$0.00	\$0.00	\$0.00	\$0.00
		\$0.00	\$0.00	(\$1,610.00)	\$0.00	\$7,448.42
				\$0.00	\$0.00	\$0.00

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Report: rptGLFundBalances

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

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☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3418217	Gang Unit Police Vehicle	\$5,881.37	\$0.00	(\$5,881.37)	\$0.00	\$0.00
3418218	Radio System Public Safety (Bond)	\$1,044.51	\$0.00	\$0.00	\$0.00	\$1,044.51
3418219	Safety Camera Nichols Street	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418220	Rocks Village Hand Tub Painting	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418221	Winnekenni Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418225	Fire Vehicle Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418240	One Police Officer	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418422	Highway One Ton Dump Truck	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418423	Highway Belly Plows	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418450	Highway Addtl Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418510	Health/Insp Bldg Occupancy Review	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418800	Capital Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419121	Court House Stairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419190	City Hall Improvements	\$66,099.44	\$0.00	\$0.00	\$0.00	\$0.00
3419192	City Hall Boiler	\$0.00	\$0.00	(\$18,332.50)	\$0.00	\$47,766.94
3419210	Police Dept Motorcycle	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419220	Fire Station Generators	\$34,706.84	\$0.00	\$0.00	\$0.00	\$0.00
3419221	Fire Mobile & Portable Radios	\$91.09	\$0.00	\$0.00	\$0.00	\$34,706.84
3419222	Fire Rescue Truck (Bond)	(\$699,921.00)	\$0.00	\$0.00	\$0.00	\$91.09
3419422	DPW Equipment	\$0.00	\$0.00	\$0.00	\$0.00	(\$699,921.00)
3419424	Replace Streetlights	\$5,114.59	\$0.00	\$0.00	\$0.00	\$0.00
3419510	Insp Services Renovations	\$0.00	\$0.00	\$0.00	\$0.00	\$5,114.59
3419630	Playground Improvements	\$674.92	\$0.00	\$0.00	\$0.00	\$0.00
3420121	Covid-19 Emergency	\$130,025.03	\$0.00	\$0.00	\$0.00	\$674.92
3420220	Water St Fire Station Repairs	\$302,539.96	\$0.00	(\$9,465.48)	\$0.00	\$120,559.55
3420221	Ayers Village Station Repairs	\$9,070.19	\$0.00	(\$192,804.30)	\$0.00	\$109,735.86
3420410	Rte 110/108 Intersection	\$207,000.00	\$0.00	\$0.00	\$0.00	\$9,070.19
3420415	North Ave Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$207,000.00
3420420	Complete Streets-Marsh Ave	\$48,500.00	\$0.00	\$0.00	\$0.00	\$0.00
3420422	Highway Building Repairs	\$982.36	\$0.00	(\$6,820.73)	\$0.00	\$41,679.27
3420500	Vietnam Veteran Memorial	\$0.00	\$0.00	\$0.00	\$0.00	\$982.36
			\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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☐ Include Cash Balance

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3420501	Operation Booth	\$23.07	\$0.00	\$0.00	\$0.00	\$23.07
3421422	Highway One-Ton Truck (Bond)	\$0.00	\$58,093.97	(\$33,986.56)	\$0.00	\$24,107.41
3440155	Info Tech Capital Projects	\$0.00	\$56,000.00	\$0.00	\$0.00	\$56,000.00
3440220	Fire Dept - Capital Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440422	DPW Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440552	Parking Deck Repairs 2005	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440710	Park Dept Bldg Repairs FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440711	High St Fire Station Repairs FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440750	Stadium Earmark Project DHCD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440810	Tennis Court Repairs Winne & Stad FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440811	Furnace Repair & Abate Stadium FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440812	Alarm System Upgrade Treasurer FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440813	Painting City Hall Interior FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440814	Rocks Village Fire Station Repair FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440815	Recycling Center Roof Replace FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440816	Water St Fire Station Windows FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440817	Frye Pond Dam Inspection & Report FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440910	City Hall Elevator Repair	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3441101	FY11 Police Dept Roof - Windstorm Damage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3441102	FY11 Library Roof - Windstorm Damage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3441103	Wood School Roof - Windstorm Damage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3451001	FY15 Streets and Sidewalks	\$890.00	\$0.00	\$0.00	\$0.00	\$890.00
3470029	Reverside Park Grant Match	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3490001	Parking Garage Stairwell FY09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3500001	MWPAT Landfill Remediation	\$196.01	\$0.00	\$0.00	\$0.00	\$196.01
3500012	Landfill-Southern Mound Closure	\$2,512.35	\$0.00	\$0.00	\$0.00	\$2,512.35
3600006	State Aid Hwy Chapter 90 03 MA3246128	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600007	State Aid Hwy Chapter 90 04 MA4246131	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600008	State Aid Hwy Chapter 90 05 MA0035430	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600009	State Aid Hwy Chapter 90 06 MA0039276	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600010	State Aid Hwy Chapter 90 07 MA0050831	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		(\$369,171.01)	\$394,460.86	(\$1,742,371.17)	\$0.00	(\$1,717,081.32)

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City of Haverhill Massachusetts

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3600011	State Aid Hwy Chapter 90 07 MA0048000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600012	Chap 90 50631 Shared Streets & Spaces	\$0.00	\$48,735.50	(\$49,738.80)	\$0.00	(\$1,003.30)
3700001	So Main St Roadway Grant MA9378	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700002	Hilldale Ave Roadway MA9408	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700003	Merrimack River Walkway MA7834	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700010	MWPAT Landfill	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700011	Danrich Ct Subdivision Perf Bond Proceeds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700014	2014 Winter Rapid Recovery	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700015	2015 Winter Recovery Assistance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3709001	River St at Bradley Ave MA9053	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3711000	Bridge Repairs - Whittier & Millvale	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3712000	FY12 Capital Equipment & Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3713000	FY13 Capital Equipment & Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3714422	FY14 Sidewalk Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3714423	FY14 Route 97 Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3716410	East Broadway Bridge	(\$86,520.94)	\$0.00	\$0.00	\$0.00	(\$86,520.94)
3716422	Sidewalk & Other Repair Projects	(\$88,841.50)	\$33,782.14	\$0.00	\$0.00	(\$55,059.36)
3719182	River Boardwalk	\$131,836.94	\$570,689.00	(\$676,877.78)	\$0.00	\$25,648.16
3719220	Broadway Fire Alarm MA100357	\$388,496.14	\$0.00	\$0.00	\$0.00	\$398,496.14
3719410	Small Bridge Improvements MA100366	(\$5,336.00)	\$0.00	\$0.00	\$0.00	(\$5,336.00)
3719423	Roadways	(\$72,262.85)	\$72,795.50	(\$532.65)	\$0.00	\$0.00
4101400	Title II Part A FY10	\$800,101.63	\$0.00	(\$726,756.42)	\$0.00	\$73,345.21
4101401	Title II Part A Carryover	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4101600	Title II Part D FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4101640	Tech Support G164 FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4101800	Title III FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102150	Small Learning Communities FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102210	Summer Drop Out Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102400	PL94-142 Sped IDEA Allocation FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102620	EEC Sped Allocation FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4103050	Title I FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
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☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4103051	Title I Carry Over FY10	\$0.00	\$0.00		\$0.00	\$0.00
4103230	Title I School Improvement		\$0.00	\$0.00	\$0.00	\$0.00
4103310	Title IV Drug Free and Safe Schools FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4104000	FY20 Perkins Grant	\$4,325.50	\$0.00	(\$206.25)	\$0.00	\$0.00
4106470	Mass 21 Elem Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$4,119.25
4106471	Mass 21 Middle School Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111400	Title II Part A FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111401	Title II Part A Carryover	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111700	Tech Enhancements Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111800	Title III FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112010	RTTT Race to the Top	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112060	Ed Jobs Grant FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112150	Small Learning Communities FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112200	11 Interventions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112400	PL94-142 Sped Allocation FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112620	EEC Sped Allocation FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113050	Title 1 FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113051	Title I Carryover FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113230	11 Title 1-Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113600	Dropout Prevention FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4116470	Mass 21 P-S-W Grant FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4116471	Mass 21 C-G-T-M Grant FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4116472	MASS 21st High School FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4126470	Mass 21 P-S-W-HHS FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4126471	Mass 21 C-GH-T-N FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4131400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4131401	Title IIA (FY12 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4131800	Title III	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4132030	Innovation Implementation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4132400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4132450	LLS & CCR Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$0.00

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City of Haverhill Massachusetts

Fund Balances

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Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4132740	SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133050	Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133051	Title I (FY12 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133200	Supplemental Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133230	Title I - School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133240	Mass Tiered System of Support (MTSS)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133600	Dropout Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4136470	Mass 21st P-S-HHS FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4136471	Discovery Club Consentino FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4136472	Mass 21st C-GH-T FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141401	Title IIA (FY13 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141800	Title III	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141801	Title III (FY13 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4142030	Innovation Implementation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4142400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4142740	SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143050	Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143051	Title I (FY13 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143230	Title I (School Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143600	Dropout Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4146470	Mass 21st Learning Center (Winter)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4146471	Mass 21st Learning Center (Rollover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4146472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4150000	FEMA School Reimbursement acct	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4151400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4151800	Title III	\$0.70	\$0.00	\$0.00	\$0.00	\$0.00
4151840	Title III (LEP- Summer Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.70
4152040	Vertical SIF Implementation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152450	Mass 21st Learning Center (Enhanced)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			\$0.00	\$0.00	\$0.00	\$0.00

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City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4152620	SPED Early Childhood Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152740	SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152980	EEC SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4153050	Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4153230	Title I (School Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4153600	Dropout Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156470	Mass 21st Learning Center (Winter)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156471	Mass 21st Learning Center (Rollover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156473	Mass 21st Learning Center (HHS)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161400	Title II A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161800	Title III LEP Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161801	Title III (FY 15 Carry Over)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161840	Title III LEP Summer Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162450	Ma 21st Learn Ctr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162620	Sped Early Education allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162740	Sped Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162950	SPED School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163050	FY 16 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163230	Title I (School Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163231	Title I School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163600	HSGL (formerly Drop Out Prev)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166470	Ma 21st Cent Learn Ctr Exem Prog	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166471	Ma 21st Cent Learn Ctr Winter	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166473	Ma 21st Cent Learn Ctr HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166474	Mass 21st Learning Center (Summer) HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166475	Mass 21 Summer Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4171400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4171800	Title III LEP Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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City of Haverhill Massachusetts

Fund Balances

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Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4171840	Title III LEP Summer Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172030	Innovation Fund Fin Ed Fairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172430	Sped Transition Systemic Improvement Grar	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172450	Sped Ma 21st Learn Ctr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172451	Mass 21st Learning Center (Enhanced)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172620	Sped Early Education allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172740	Sped Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172950	FY 17 DCAM Poverty Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4173050	FY 17 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4173230	Title I School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4173231	Title I Poverty Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176470	Mass 21st Learning Center (Winter)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176473	Ma 21st Cent Learn Ctr HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176474	Mass 21st Learning Center (Summer) HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176475	Mass 21st Learning Summer Enhanced	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176476	Ma 21st Century JG Whittier Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181400	FY 18 Title II A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181450	FY 18 Summer Planning 145	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181800	Title III	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181840	Title III LEP Summer Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182440	Mass 21st Enhanced students with IEP's	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182450	Ma 21st Cent Sped Enhanced	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182451	Mass 21st Learning Center (Enhanced)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182452	FY18 245 SPED SY IEP HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182620	SPED Early Childhood Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182740	FY18 Sped Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4183050	FY18 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4183090	FY 18 Title IV 309	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4183100	FY 18 McKinney-Vento Homeless Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4183230	FY 18 323B DSAC HHS Turnaround Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4185390	FY 18 Turnaround Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186450	21st CCLC Continuation SY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186460	21st CCLC Exemplary SY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186470	Do not use-change by DESE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186477	Ma 21st Century JG Whittier Grant-Summer	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4191400	FY 19 Title II A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4191800	FY 19 Title III ELL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4192150	SLC-Do not use	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4192400	FY19 240 IDEA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4192440	FY19 21st CCLC Enhanced Stud w/IEP	\$1,333.78	\$0.00	\$0.00	\$0.00	\$0.00
4192620	FY19 262 Sped Early Childhood	\$0.00	\$0.00	\$0.00	\$0.00	\$1,333.78
4193050	FY 19 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4193090	FY19 Title IV	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4193100	FY 19 McKinney-Vento Homeless Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4193310	Title IV FY09-Do not use	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4194000	FY19 Perkins Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4195390	FY 19 Turnaround Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4196450	FY 19 21st CCLC Continuation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4196460	FY 19 21st CCLC Exemplary	\$1,589.90	\$0.00	\$0.00	\$0.00	\$0.00
4196470	FY 19 21st CCLC Supporting Additional Lea	\$0.00	\$0.00	\$0.00	\$0.00	\$1,589.90
4200660	School MCC Big Yellow School Bus	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00
4201400	FY20 Title IIA 140	\$627.00	\$0.00	\$0.00	\$0.00	\$1,000.00
4201800	FY20 Title III 180	\$21,669.22	\$100.00	(\$20,600.00)	\$0.00	\$627.00
4201950	FY 20 State Earmark	\$18,957.28	\$38,642.00	(\$38,361.59)	\$0.00	\$1,169.22
4202160	FY 20 Teacher Diversification fund 216	\$0.00	\$0.00	\$0.00	\$0.00	\$19,237.69
4202210	Drop Out Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4202370	CPC Grant FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4202400	FY20 SPED 240	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		\$371,929.92	\$311,406.00	(\$122,484.50)	\$0.00	\$560,851.42

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City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4202440	FY20 21st CCLC Enhanced Stud w/IEP	(\$1,384.08)	\$0.00	\$0.00	\$0.00	(\$1,384.08)
4202450	FY20 245 21st CCLC Enhanced IEP	(\$22,601.42)	\$27,000.00	(\$4,209.32)	\$0.00	\$189.26
4202620	FY20 262 Sped Early Childhood	(\$17,121.92)	\$7,352.00	\$9,769.92	\$0.00	\$0.00
4203050	FY20 Title I 305	\$472,803.92	\$35,100.00	(\$414,104.53)	\$0.00	\$93,789.39
4203090	FY20 Title IV 309	\$5,849.61	\$13,548.00	(\$4,456.72)	\$0.00	\$14,940.89
4203360	FY20 Imp Stud Access to Behavioral Health	(\$25,723.47)	\$38,500.00	(\$12,776.53)	\$0.00	\$0.00
4203910	FY 20 Inclusive Preschool 391 Grant	(\$1,098.65)	\$0.00	\$1,098.65	\$0.00	\$0.00
4203911	Inclusive Preschool Learning Environment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4203950	EEC Program and Practitioner Supports Gra	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4204000	FY20 Perkins Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4205270	FY20 21st CCLC HQ Summer Exp	(\$2,309.37)	\$11,129.00	(\$8,819.63)	\$0.00	\$0.00
4205280	FY20 FC 528 ASOST Summer 21	(\$9,214.53)	\$0.00	\$9,214.53	\$0.00	\$0.00
4205300	ASOSTSummer FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4205301	ASOST FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4205420	FY20 Summer EATS Grant	\$2.55	\$0.00	\$0.00	\$0.00	\$2.55
4205421	Project bread	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4205490	Nutrition Summer FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4206320	Acad Support Services Program FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4206450	FY 20 21st CCLC Continuation	\$4,036.18	\$8,343.00	(\$2,993.16)	\$0.00	\$9,386.02
4206480	FY 20 21st CCLC Exemplary Programs	\$23,260.72	\$23,545.00	(\$36,867.04)	\$0.00	\$9,938.68
4210680	School MCC Big Yellow School Bus FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4211020	FY21 102 CvRF Grant	\$0.00	\$1,292,375.00	(\$1,248,574.59)	\$0.00	\$45,800.41
4211130	FY21 ESSER Grant	\$0.00	\$750,983.00	(\$375,523.73)	\$0.00	\$375,459.27
4211180	FY21 118 RLTE	\$0.00	\$362,787.00	(\$32,288.00)	\$0.00	\$330,499.00
4211400	FY21 140 Title IIA	\$0.00	\$57,771.00	(\$68,933.18)	\$0.00	(\$12,162.18)
4211540	FY21 Cafe CvRF	\$0.00	\$55,440.01	\$0.00	\$0.00	\$55,440.01
4211800	FY21 180 Title III ELL	\$0.00	\$13,115.00	(\$2,560.00)	\$0.00	\$10,555.00
4212310	FY21 231 LEAP Grant	\$0.00	\$1,125.00	\$0.00	\$0.00	\$1,125.00
4212370	SPC Grant FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4212400	FY21 240 Sped IDEA	\$0.00	\$373,725.00	(\$430,128.93)	\$0.00	(\$56,403.93)
4212620	FY21 262 Sped PS	\$0.00	\$28,024.00	(\$34,110.39)	\$0.00	(\$6,086.39)

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

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☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4212980	FY21 298 EC Special Ed Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4213050	FY21 305 Title I	\$0.00	\$578,992.00	(\$710,995.73)	\$0.00	(\$132,003.73)
4213090	FY21 309 Title IV	\$0.00	\$17,105.00	(\$52,977.71)	\$0.00	(\$35,872.71)
4213910	Inclusive Preschool Learning Environment F	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4214000	FY 21 400 Perkins	\$0.00	\$3,000.00	(\$22,927.81)	\$0.00	(\$19,927.81)
4214150	FY21 HHS Healthcare Inno Pathway	\$0.00	\$2,998.00	\$0.00	\$0.00	\$2,998.00
4214600	FY21 Early College Grant	\$0.00	\$2,900.00	(\$7,457.70)	\$0.00	(\$4,557.70)
4215270	FY21 HQ Summer Learning	\$0.00	\$27,635.00	(\$25,206.83)	\$0.00	\$2,428.17
4215280	FY 21 Inc Access to Q After & Summer	\$0.00	\$63,991.00	(\$26,405.99)	\$0.00	\$37,585.01
4215281	FY21 528 ASOST	\$0.00	\$4,846.00	(\$9,222.92)	\$0.00	(\$4,376.92)
4215300	ASOST Summer Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4215301	ASOST FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4215420	Summer Food Service Prog Expansion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4215740	Early Literacy Grant/Crest Partnership	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4216320	Academic Support Services Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4216450	FY 21 21st CCILC Continuation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4216460	FY21 646 21st C Exemplary	\$0.00	\$53,958.00	(\$64,151.72)	\$0.00	(\$10,193.72)
4217380	Literacy Partnerships FY2011	\$0.00	\$25,483.00	(\$28,049.00)	\$0.00	(\$2,566.00)
4225740	Early Literacy Intervention FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4232200	Under Performing District ends 6-30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4232370	CPC FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4232530	Tobacco Control Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4232541	Enhanced Sch Health Serv Gr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4232590	In-School Youth Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4232620	SPED Early Childhood Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4233760	ELL Enrichment Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4233910	Inclusive Preschool	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4235420	Summer Meals Expansion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4235740	Early Literacy Intervention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4236320	Academic Support Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4237010	Kindergarten Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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City of Haverhill Massachusetts

Fund Balances

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☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4237380	Literacy Partnership	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4237400	Financial Literacy	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4241580	Innovation Schools Enhancement & Sustaini	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4241582	Innovation Schools Enhancement & Sustaini	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4242200	Support/Under Perf Districts	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4242370	CPC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4242590	In-School Youth SNAP Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4242620	SPED Early Childhood Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4243750	Career Academy	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4243760	ELL Enrichment (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4243762	ELL Enrichment (Gateway)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4243910	Inclusive Preschool	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4245740	Early Literacy Intervention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4246230	Do not use-bad number	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4246320	Academic Support Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4247010	Kindergarten Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4247380	Literacy Partnership	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4247400	Financial Literacy	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4251330	Building Aligned Curriculum	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4252200	Support/Under Perf Districts	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4252620	SPED Early Childhood Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4253760	ELL Enrichment (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4253770	Summer Career Academy	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4253910	Inclusive Preschool	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4255420	Summer Meals Expansion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4255740	Early Literacy Intervention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4256320	Academic Support Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4257010	Kindergarten Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4257380	Literacy Partnership	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4257400	Financial Literacy	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4261000	State School Overcrowding Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4261001	Skills Capital Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4262200	Support/Under Perf Dist	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4263760	ELL Enrichment (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4263910	Inclusive Preschool EEC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4265420	Nutrition Summer Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4265490	Nutrition Summer Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4265740	Early Literacy Intervention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4266320	Academic Support Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4267010	Kinder Enhanced Prog	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4270010	Youth Opiod Prevention (AGO)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4273910	Inclusive Preschool	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4275420	Summer Meals Expansion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4275740	Early Literacy Intervention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4277400	Financial Literacy	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4277410	PD Materials for Early Literacy Partnership	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4281000	Puerto Rico State Reimbursement	\$43,776.98	\$0.00	\$0.00	\$0.00	\$0.00
4283910	Inclusive Preschool	\$0.00	\$0.00	(\$21,319.07)	\$0.00	\$22,457.91
4285190	EEC Preschool Partnership	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4285740	Early Literacy Intervention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4287340	Early Literacy Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4289900	FY 18 Municipal Reserve	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4290660	School Big Yellow School Bus	\$950.00	\$0.00	\$0.00	\$0.00	\$0.00
4292160	Teacher Diversification Pilot Program	\$0.00	\$0.00	\$0.00	\$0.00	\$950.00
4292180	FY19 218 HQ INST Summer Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4292220	FY19 222 Tumaround Grant Consentino	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4293001	District Wide IT WFI Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4293250	FY19 325 Tumaround Grant GH	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4293360	Imp Stud Access to Beh & Mental Health Se	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4293910	FY19 391 Inclusive Preschool	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4295740	FY19 574 Early Literacy Intervention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4295900	FY19 590 History/Social St Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4297220	FY19 722 School Cafe Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4297340	FY 19 734 Early Grades Lit Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4310043	Bradford Ele Revolving Fund	\$1,879.31	\$0.00	\$0.00	\$0.00	\$1,879.31
4315000	Math Museum Donations	\$35.18	\$0.00	\$0.00	\$0.00	\$35.18
4320020	Consentino Donations	\$200.28	\$0.00	\$0.00	\$0.00	\$200.28
4330660	Mass/Hav Cult Soc- Yellow School Bus	\$1,000.00	\$0.00	\$0.00	\$0.00	\$1,000.00
4330661	MCC STARS Residency	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332050	Verizon Science Consentino	\$15,292.04	\$0.00	\$0.00	\$0.00	\$15,292.04
4332051	Hav Public Schools Staff DVL P	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332052	K-8 Summer Reading Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332053	TEACH Program	\$467,558.56	\$44,208.44	\$0.00	\$0.00	\$511,767.00
4332054	Summit Behavioral Health Donation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332055	Discovery After School Tuition	\$32,592.50	\$3,836.50	(\$4,303.25)	\$0.00	\$32,125.75
4332056	HHS Summer School	\$0.00	\$0.00	(\$80,792.83)	\$0.00	(\$80,792.83)
4332057	Early Childhood Int Preschool	\$50,863.51	(\$412.80)	\$0.00	\$0.00	\$50,440.71
4332058	Discovery After School Snack Revolving	\$61,150.48	\$193.92	(\$295.80)	\$0.00	\$61,048.60
4332059	Swim Program	\$69,551.83	\$5,660.00	(\$12,786.13)	\$0.00	\$62,425.70
4332060	Fine Arts & Extra Greenleaf	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332061	Keeping Kids on Track After School	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332062	COVID19 Rapid Response Grant	\$500.00	\$0.00	(\$500.00)	\$0.00	\$0.00
4332065	HALT Program	\$50,914.33	\$4,005.75	\$0.00	\$0.00	\$54,920.08
4332066	HHS Learning for Life Garden	\$323.45	\$0.00	\$0.00	\$0.00	\$323.45
4332067	Maddox Found Health Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332068	Tilton IT Fundraiser	\$2,492.87	\$0.00	\$0.00	\$0.00	\$2,492.87
4332069	C.A.S.I.T INC. Grant (HHS)	\$5,275.91	\$0.00	(\$149.48)	\$0.00	\$5,126.43
4332070	Greenleaf Academy Donation Fund	\$17,719.34	\$0.00	\$0.00	\$0.00	\$17,719.34
4332071	School Athletics Donations-Restricted	\$39,223.05	\$0.00	(\$1,775.36)	\$0.00	\$37,447.69
4332072	School Rev Restricted - Textbooks	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332073	Tech Device Repair Revolving Account	\$0.00	\$12,218.00	\$0.00	\$0.00	\$12,218.00
4332074	Bradford Husky Hangout Summer Program	\$8,125.44	\$0.00	\$0.00	\$0.00	\$8,125.44
4332075	Nettle School Donations	\$7,442.18	\$0.00	\$0.00	\$0.00	\$7,442.18

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4332076	School Donations Restricted - Science HS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332077	Sch Don Restricted -- Peaks Program	\$1,823.59	\$7,298.00	\$0.00	\$0.00	\$9,121.59
4332078	School Donations - Alfa Aeser Science Supp	\$5,598.78	\$0.00	\$0.00	\$0.00	\$5,598.78
4332079	School Access Arts Tuition Revolving	\$1,600.02	\$0.00	\$0.00	\$0.00	\$1,600.02
4332080	Sch Don Rest MS Band Program	\$1,244.36	\$274.00	(\$560.99)	\$0.00	\$957.37
4332081	Schl Don (Res) Tilton Scholastic Patterson F	\$116.70	\$0.00	\$0.00	\$0.00	\$116.70
4332082	HHS Donation Restricted-Technology	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332083	School Donation (Restricted)- HHS Robotics	\$5,317.69	\$0.00	\$0.00	\$0.00	\$5,317.69
4332084	J Maddox Restrict Don - Drama HHS	\$4,151.93	\$0.00	\$0.00	\$0.00	\$4,151.93
4332085	School Donations -Drug Free/Safe Schools	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332086	HHS Art Club-Restricted	\$1,584.76	\$0.00	\$0.00	\$0.00	\$1,584.76
4332087	Nettle Basketball Court-Restricted	\$679.38	\$0.00	\$0.00	\$0.00	\$679.38
4332088	JG Whittier Dunkin Donuts Donation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332089	Hunking Donation Science	\$234.35	\$0.00	\$0.00	\$0.00	\$234.35
4332090	Sch Don Res - Val Corradino Read Rec Sch	\$1,416.00	\$0.00	\$0.00	\$0.00	\$1,416.00
4332091	School Don. Restrict Learning for Life	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332092	Sch Donation Restricted- Nursing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332093	Michael H. Conway III IT/Athletic Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332094	School Donation (Restricted)- Pentucket Lak	\$85.60	\$0.00	\$0.00	\$0.00	\$85.60
4332098	TEACH Donation Fund	\$3,734.16	\$0.00	\$0.00	\$0.00	\$3,734.16
4332099	Greenhouse HALT/TEACH	\$415.55	\$0.00	\$0.00	\$0.00	\$415.55
4332101	Maddox Tilton Library Donation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332102	Fantini Tilton Upper Donation	\$10,000.00	\$0.00	(\$16,289.27)	\$0.00	(\$6,289.27)
4332103	Tilton Calming Corners Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332104	Tilton Literacy Closet Donations	\$1,268.49	\$0.00	\$0.00	\$0.00	\$1,268.49
4332105	HAAS Hunking Library Donation	\$243.86	\$0.00	\$0.00	\$0.00	\$243.86
4332106	Fantini RLA Donation	\$0.00	\$10,000.00	(\$635.00)	\$0.00	\$9,365.00
4332151	HPS Staff Development - Endicott College	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332152	HHS IT Pathway from 3M	\$332.33	\$0.00	\$0.00	\$0.00	\$332.33
4332153	HHS Lost Book Fund	\$3,581.75	\$3.99	\$0.00	\$0.00	\$3,585.74
4332155	HHS PLTW	\$28,222.25	\$0.00	(\$11,103.72)	\$0.00	\$17,118.53

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4332169	Athletics -Elementary Intramurals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332170	Athletics - Middle School Intramurals	\$7,949.41	\$0.00	\$0.00	\$0.00	\$7,949.41
4332180	Athletics	\$116,015.77	\$1,400.00	(\$728.00)	\$0.00	\$116,687.77
4332200	Haverhill Cafeteria Account	\$339,714.89	\$744,584.08	(\$1,171,817.80)	\$0.00	(\$87,518.83)
4332201	HS Special Needs Cafe A/C	\$59,062.42	\$860.00	(\$518.31)	\$0.00	\$59,404.11
4332202	HHS School Store	\$37,003.22	\$2,093.25	\$0.00	\$0.00	\$39,096.47
4332203	HHS Band Donations	\$4,000.00	\$0.00	\$0.00	\$0.00	\$4,000.00
4332222	Learning Cafe at City Hall	\$3,344.41	\$5,207.10	(\$3,920.74)	\$0.00	\$4,630.77
4332300	All Day Kindergarten	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4332562	Family Literacy Revolving	\$328.18	\$0.00	\$0.00	\$0.00	\$328.18
4334141	Summer Science Program at Pentucket Lake	\$317.05	\$0.00	\$0.00	\$0.00	\$317.05
4342060	SPED Circuit Breaker	\$2,950,760.74	\$1,654,512.00	\$38,018.12	\$0.00	\$4,643,290.86
4342070	Special Ed Parent Advisory Council (SEPAC)	\$390.05	\$0.00	\$0.00	\$0.00	\$390.05
4401000	Unico Tilton After School Tutoring Transport:	\$2,000.00	\$0.00	\$0.00	\$0.00	\$2,000.00
4401001	Tilton Fantini Community Support	\$16,447.48	\$10,000.00	(\$7,903.53)	\$0.00	\$18,543.95
4401002	Angela Iannalfo Memorial Fund	\$7,550.00	\$0.00	\$0.00	\$0.00	\$7,550.00
4401010	Maddox Attendance Grant	\$3,119.01	\$0.00	\$0.00	\$0.00	\$3,119.01
4401011	Recycling for Attendance	\$1,356.75	\$1,561.15	\$0.00	\$0.00	\$2,917.90
4401015	Maddox Covid 19 Prevention Donation	\$0.00	\$22,500.00	\$0.00	\$0.00	\$22,500.00
4401020	Maddox Early Literacy Grant	\$42,764.60	\$40.00	(\$43,587.58)	\$0.00	(\$782.98)
4401030	Breakfast After The Bell PB	\$225.00	\$0.00	\$0.00	\$0.00	\$225.00
4401035	Golden Hill American Heart Association	\$0.00	\$2,000.00	(\$285.00)	\$0.00	\$1,715.00
4410000	Better Vision Grant	\$5,706.06	\$5,000.00	\$0.00	\$0.00	\$10,706.06
4410001	Greenleaf Academy Math/Sci Grant	\$500.00	\$0.00	\$0.00	\$0.00	\$500.00
4410010	Tilton Fuel Up 360 Snack Account	\$500.00	\$0.00	\$0.00	\$0.00	\$500.00
4410020	Consentino MCC Stars Residency	\$5,000.00	\$0.00	(\$5,000.00)	\$0.00	\$0.00
4411000	NE Dairy Food	\$0.00	\$17,900.00	\$0.00	\$0.00	\$17,900.00
4432210	Rental of Knipe School	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4433000	Pen Lake Pax Donation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4433003	Mass Ambassador Program	\$993.43	\$0.00	\$0.00	\$0.00	\$993.43
4441000	Z. Gordon TEACH Donation	\$125.00	\$0.00	\$0.00	\$0.00	\$125.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021
Fund Type:
☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4471001	Ella Mae Moody Playground Donation Fund	\$1,635.03	\$0.00	\$0.00	\$0.00	\$1,635.03
4471002	Crowell School Donations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4471003	MVWIB Healthcare Occupation Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4471010	Cummings Moody Donation	\$0.00	\$1,000.00	\$0.00	\$0.00	\$1,000.00
4491000	CCE SPED PD Grant	\$10,961.83	\$0.00	\$0.00	\$0.00	\$10,961.83
4500100	E-Rate Reimbursement Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4500102	ER Cat 2 Grant 1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4500103	ER Cat 2 Grant 2	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4500200	Building Use (Schools)	\$76,696.79	\$300.00	(\$41,358.21)	\$0.00	\$35,638.58
4500210	School Newcomb Rental	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4542900	School Choice	\$41,848.00	\$81,209.00	\$0.00	\$0.00	\$123,057.00
4542902	Transportation	\$114,932.20	\$0.00	\$0.00	\$0.00	\$114,932.20
4542930	School Federal Medicaid Reimburse	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4543200	Chap 188 New Partnership	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4543390	Reading Recovery	\$9,935.28	\$0.00	\$0.00	\$0.00	\$9,935.28
4543800	Silver Hill Horace Mann Charter	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4543810	Silver Hill Library Account	\$30.39	\$189.99	\$0.00	\$0.00	\$220.38
4544160	HHS Prevention Conference	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4544499	Philip Dennis HHS Band	\$6.02	\$0.00	\$0.00	\$0.00	\$6.02
4544500	MIT Lypstic Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4544501	Pen Lake Elder Services Restricted Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4544502	Doug Flutie Autism Grant	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00
4544810	ROTC Federal Reimbursement Fund	\$7,162.60	\$20,587.80	\$0.00	\$0.00	\$27,750.40
4544820	HHH Hav Teen Peer Education	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4550252	Project Bread Grant	\$2,283.66	\$0.00	(\$2,283.66)	\$0.00	\$0.00
4550253	CDBG BackPack 68 Grant	\$2,745.66	\$0.00	(\$2,105.29)	\$0.00	\$640.37
4550254	School Donations - HHS TV Production Stud	\$0.02	\$0.00	\$0.00	\$0.00	\$0.02
4607500	Covid 19 School Expenses	(\$39,867.00)	\$0.00	(\$2,660,043.02)	\$0.00	(\$2,719,910.02)
4607550	ARRA - McKinney Homeless FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4607600	ARRA - IDEA Sped Grant FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4607620	ARRA - Sped Preschool IDEA FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: December
Year: 2021
Fund Type: ☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4607700	ARRA - Title 1 Grant FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4607760	ARRA - Title II D FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4612010	ARRA Race to the Top	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4617550	ARRA - McKinney Homeless FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4617600	ARRA - IDEA Sped Grant FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4617620	ARRA - Sped Preschool IDEA FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4617700	ARRA - Title 1 Grant FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4617760	ARRA - Title II D FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4617800	SFSF FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4622010	RTTT Race to the Top FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4632010	RTTT Race to the Top FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4642010	RTTT Race to the Top FY14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4642011	RTTT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4652011	RTTT Race to the Top FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6010040	Sewer Fund	\$2,207,985.07	\$6,989,845.50	(\$5,606,486.90)	\$0.00	\$3,591,343.67
6010050	Water Fund	\$6,434,451.50	\$4,970,326.99	(\$5,890,650.01)	\$0.00	\$5,514,128.48
6010060	Hale Hospital Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6020040	Sewer Fund Prior Year Encumbered	\$0.00	\$0.00	(\$329,220.80)	\$0.00	(\$329,220.80)
6020050	Water Fund Prior Year Encumbered	\$0.00	\$0.00	(\$248,625.92)	\$0.00	(\$248,625.92)
6020060	Hospital Fund Prior Year Encumbered	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6510040	Long Term Debt Sewer Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6510050	Long Term Debt Water Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7001000	Agency Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8001000	Trust Funds-Stabilization	\$5,818,283.78	\$331,848.57	(\$2,000,000.00)	\$0.00	\$4,150,132.35
8001001	Trust Fund-School	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8002000	Trust Funds Private Purpose	\$5,561,137.31	\$0.00	\$0.00	\$0.00	\$5,561,137.31
8003000	Health Trust Fund - Employee	\$0.00	\$0.00	\$89.70	\$0.00	\$89.70
8004000	Health Trust Fund - Employer	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8005000	Trust Fund - OPEB	\$322,781.08	\$41,542.13	\$0.00	\$0.00	\$364,323.21
Grand Total:		\$49,963,969.30	\$130,321,717.37	(\$149,555,988.87)	\$0.00	\$30,729,697.80

End of Report



Haverhill

Office of the City Auditor, Room 106
Phone: 978-374-2306 Fax: 978-373-8476
cbenevento@cityofhaverhill.com

January 21, 2021

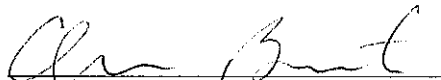
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TO: MEMBERS OF THE HAVERHILL CITY COUNCIL:

In accordance with Municipal Ordinance

Attached herewith are the preliminary financial reports for the month of December as required by City ordinance.

Very truly yours,


Charles Benevento
City Auditor

City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 11/01/2020 through 11/30/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

	<u>Budget</u>	<u>Range To Date</u>	<u>Year To Date</u>	<u>Balance</u>	<u>Encumbrance</u>	<u>Budget Balance</u>
INCOME						
Tax Revenue						
Personnal Property Tax (-)	\$6,381,484.39	\$51,362.16	\$2,819,905.32	\$3,561,579.07	\$0.00	\$3,561,579.07
Real Estate Tax (-)	\$105,049,725.50	\$4,156,429.92	\$50,733,089.80	\$54,316,635.70	\$0.00	\$54,316,635.70
Tax Liens (-)	\$0.00	\$21,983.97	\$163,115.43	(\$163,115.43)	\$0.00	(\$163,115.43)
Other Tax (-)	\$0.00	\$42,662.65	(\$1,630.05)	\$1,630.05	\$0.00	\$1,630.05
Sub-total : Tax Revenue	(\$111,431,209.89)	(\$4,272,438.70)	(\$53,714,480.50)	(\$57,716,729.39)	\$0.00	(\$57,716,729.39)
Local Receipts						
Fines and Foreits (-)	\$606,000.00	\$28,830.51	\$130,730.29	\$475,269.71	\$0.00	\$475,269.71
Investment Income (-)	\$600,000.00	\$21,502.63	\$124,792.84	\$475,207.16	\$0.00	\$475,207.16
Licenses and Permits (-)	\$1,986,431.00	\$301,668.00	\$1,068,576.75	\$917,854.25	\$0.00	\$917,854.25
Special Assessments (-)	\$0.00	(\$2,662.65)	\$557.52	(\$557.52)	\$0.00	(\$557.52)
Miscellaneous non-recurring (-)	\$300,000.00	(\$20,056.96)	\$172,272.03	\$127,727.97	\$0.00	\$127,727.97
Motor Vehicle Excise (-)	\$6,910,772.00	\$165,879.05	\$1,113,095.36	\$5,797,676.64	\$0.00	\$5,797,676.64
Other Excise (-)	\$1,231,000.00	(\$3,346.24)	\$313,416.08	\$917,583.92	\$0.00	\$917,583.92
Penalties & Interest on Taxes/Excise (-)	\$444,000.00	\$34,396.74	\$235,222.99	\$208,777.01	\$0.00	\$208,777.01
Payment in Lieu of Taxes (-)	\$2,361,000.00	\$197,199.35	\$998,423.10	\$1,362,576.90	\$0.00	\$1,362,576.90
Fees (-)	\$1,180,500.00	\$119,835.99	\$561,573.18	\$618,926.82	\$0.00	\$618,926.82
Rentals (-)	\$150,000.00	(\$11,362.44)	\$106,290.24	\$43,709.76	\$0.00	\$43,709.76
Other Departmental (-)	\$995,440.00	(\$37,430.43)	\$482,590.62	\$512,849.38	\$0.00	\$512,849.38
Sub-total : Local Receipts	(\$16,765,143.00)	(\$794,453.55)	(\$5,307,541.00)	(\$11,457,602.00)	\$0.00	(\$11,457,602.00)
State Aid						
Chapter 70 (School Aid) (-)	\$63,349,956.00	\$5,317,011.00	\$21,320,075.00	\$42,029,881.00	\$0.00	\$42,029,881.00
General State Aid (-)	\$9,415,384.80	\$869,706.00	\$3,478,824.00	\$5,936,560.80	\$0.00	\$5,936,560.80
Other School Aid (-)	\$525,722.00	\$36,014.00	\$229,578.00	\$296,144.00	\$0.00	\$296,144.00
Other non-School Aid (-)	\$1,006,448.00	\$153,148.00	\$330,215.00	\$676,233.00	\$0.00	\$676,233.00
Sub-total : State Aid	(\$74,297,510.80)	(\$6,375,879.00)	(\$25,358,692.00)	(\$48,938,818.80)	\$0.00	(\$48,938,818.80)
Transfers In						
Transfers from Other Funds (-)	\$3,614,455.00	\$0.00	\$2,800,000.00	\$814,455.00	\$0.00	\$814,455.00

Operating Statement with Encumbrance

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Report: rptGLOperatingStatementwithEnc

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City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 11/01/2020 through 11/30/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

	Budget	Range To Date	Year To Date	Balance	Encumbrance	Budget Balance	
Sub-total : Transfers In			\$0.00	(\$2,800,000.00)		(\$814,455.00)	22.5%
Budget Only							
Free Cash (-)			\$0.00	\$0.00		\$5,100,000.00	100.0%
Prior Year Encumbrances (-)			\$0.00	\$0.00		\$3,650,802.87	100.0%
Sub-total : Budget Only			\$0.00	\$0.00		(\$8,750,802.87)	100.0%
Total : INCOME							
	(\$214,859,121.56)	(\$11,442,771.25)	(\$87,180,713.50)	(\$127,678,408.06)		\$0.00	59.4%
EXPENSES							
General Government							
Assessing (+)	\$440,924.87	\$30,666.24	\$187,887.77	\$253,037.10	\$2,087.39	\$250,949.71	56.9%
City Council (+)	\$191,698.20	\$16,227.12	\$78,029.86	\$113,668.34	\$1,765.80	\$111,902.54	58.4%
Mayor (+)	\$363,665.44	\$42,218.26	\$161,940.11	\$201,725.33	\$1,765.80	\$199,959.53	55.0%
Auditor/Finance Director (+)	\$392,940.71	\$43,920.23	\$214,099.96	\$178,840.75	\$8,442.39	\$170,398.36	43.4%
Treasurer/Collector (+)	\$597,243.05	\$43,142.82	\$238,993.98	\$358,249.07	\$942.39	\$357,306.68	59.8%
Purchasing (+)	\$122,231.63	\$9,913.59	\$48,381.84	\$73,849.79	\$1,765.80	\$72,083.99	59.0%
Law Departemnt (+)	\$337,268.77	\$28,516.91	\$153,943.62	\$183,325.15	\$0.00	\$183,325.15	54.4%
Human Resources (+)	\$284,214.40	\$32,851.01	\$152,124.23	\$132,090.17	\$2,604.24	\$129,485.93	45.6%
Municipal Information Systems (MIS) (+)	\$594,976.60	\$39,589.97	\$346,637.51	\$248,339.09	\$88,264.49	\$160,074.60	26.9%
City Clerk/Licensing (+)	\$531,025.32	\$98,969.11	\$269,533.51	\$261,491.81	\$9,558.68	\$251,933.13	47.4%
Constituent Services (+)	\$145,181.12	\$10,325.20	\$50,048.65	\$95,132.47	\$0.00	\$95,132.47	65.5%
Sub-total : General Government	\$4,001,370.11	\$396,340.46	\$1,901,621.04	\$2,099,749.07	\$117,196.98	\$1,982,552.09	49.5%
Community & Economic Development							
Economic Dev. & Planning (+)	\$226,430.34	\$16,206.81	\$84,149.51	\$142,280.83	\$3,127.99	\$139,152.84	61.5%
Building & Zoning (+)	\$277,020.50	\$21,850.00	\$118,090.20	\$158,930.30	\$0.00	\$158,930.30	57.4%
Inspection & Health (+)	\$469,796.40	\$43,542.87	\$200,550.60	\$269,245.80	\$1,765.80	\$267,480.00	56.9%
Sub-total : Community & Economic Development	\$973,247.24	\$81,599.68	\$402,790.31	\$570,456.93	\$4,893.79	\$565,563.14	58.1%
Public Safety							
Police (+)	\$13,709,302.15	\$1,490,101.01	\$5,794,769.23	\$7,914,532.92	\$140,050.25	\$7,774,482.67	56.7%
Fire (+)	\$11,550,806.08	\$793,208.79	\$4,393,562.64	\$7,157,243.44	\$97,679.51	\$7,059,563.93	61.1%
Operating Statement with Encumbrance							
Report: rptGLOperatingStatementwithEnc							

City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 11/01/2020 through 11/30/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

	Budget	Range To Date	Year To Date	Balance	Encumbrance	Budget Balance	
Crossing Guards (+)	\$95,000.00	\$0.00	\$0.00	\$95,000.00	\$0.00	\$95,000.00	100.0%
Sub-total : Public Safety	\$25,355,108.23	\$2,283,309.80	\$10,188,331.87	\$15,166,776.36	\$237,729.76	\$14,929,046.60	58.9%
Education							
School Department (+)	\$99,161,859.17	\$7,885,574.41	\$29,979,230.15	\$69,182,629.02	\$60,050,579.80	\$9,132,049.22	9.2%
Essex/Whittier Voch. Tech. (+)	\$9,597,369.00	\$1,977,178.00	\$4,198,781.00	\$5,398,588.00	\$0.00	\$5,398,588.00	56.3%
Additional Education Programs (+)	\$15,000.00	\$0.00	\$15,000.00	\$0.00	\$0.00	\$0.00	0.0%
Sub-total : Education	\$108,774,228.17	\$9,862,752.41	\$34,193,011.15	\$74,581,217.02	\$60,050,579.80	\$14,530,637.22	13.4%
Public Works							
Building Maint. (+)	\$344,794.00	\$25,726.94	\$129,802.30	\$214,991.70	\$28,200.00	\$186,791.70	54.2%
Administration (+)	\$91,981.52	\$7,957.41	\$36,407.68	\$55,573.84	\$1,949.99	\$53,623.85	58.3%
Highways (+)	\$1,867,008.83	\$101,935.71	\$661,977.79	\$1,205,031.04	\$108,316.25	\$1,096,714.79	58.7%
Solid Waste & Recycling (+)	\$5,138,805.62	\$402,769.20	\$1,824,616.74	\$3,314,188.88	\$149,835.70	\$3,164,353.18	61.6%
Parking Area (+)	\$318,679.00	\$33,999.61	\$109,700.50	\$208,978.50	\$64,876.23	\$144,102.27	45.2%
Street Markings (+)	\$112,483.00	\$23,122.36	\$27,630.36	\$84,852.64	\$3,095.42	\$81,757.22	72.7%
Vehicle Maint. (+)	\$283,030.93	\$22,894.43	\$107,408.76	\$175,622.17	\$0.00	\$175,622.17	62.1%
Park Departemnt (+)	\$683,920.20	\$38,530.78	\$257,252.76	\$426,667.44	\$18,075.60	\$408,591.84	59.7%
Outdoor Lighting (+)	\$449,000.00	\$88,001.08	\$382,784.48	\$66,215.52	\$4,681.00	\$61,534.52	13.7%
Snow & Ice Removal (+)	\$710,000.00	\$32,399.02	\$34,626.84	\$675,373.16	\$20,213.34	\$655,159.82	92.3%
Sub-total : Public Works	\$9,999,703.10	\$777,336.54	\$3,572,208.21	\$6,427,494.89	\$399,243.53	\$6,028,251.36	60.3%
Human Services							
Citizen Center (+)	\$342,501.44	\$38,935.03	\$189,528.47	\$152,972.97	\$1,892.92	\$151,080.05	44.1%
Senior Services (+)	\$101,482.67	\$10,210.47	\$54,130.20	\$47,352.47	\$942.39	\$46,410.08	45.7%
Recreation (+)	\$200,187.16	\$21,334.20	\$95,049.28	\$105,137.88	\$19,637.23	\$85,500.65	42.7%
Stadium Commission (+)	\$14,443.00	\$1,989.88	\$4,767.23	\$9,675.77	\$0.00	\$9,675.77	67.0%
Veterans Services (+)	\$1,062,499.88	\$59,509.18	\$298,999.87	\$763,500.01	\$257.00	\$763,243.01	71.8%
Public Library (+)	\$1,555,030.96	\$106,706.23	\$599,899.80	\$955,131.16	\$5,945.56	\$949,185.60	61.0%
Sub-total : Human Services	\$3,276,145.11	\$238,684.99	\$1,242,374.85	\$2,033,770.26	\$28,675.10	\$2,005,095.16	61.2%
Other							
Group Insurance (school) (+)	\$14,120,827.00	\$919,047.03	\$2,737,418.25	\$11,383,408.75	\$1,846,370.80	\$9,537,037.95	67.5%

Operating Statement with Encumbrance

City of Haverhill Massachusetts

Financial Statements - General Fund For the Period 11/01/2020 through 11/30/2020

Fiscal Year: 2020-2021

☐ Include Pre Encumbrance

	<u>Budget</u>	<u>Range To Date</u>	<u>Year To Date</u>	<u>Balance</u>	<u>Encumbrance</u>	<u>Budget Balance</u>	
Other Employee Benefits (+)	\$2,637,270.00	\$222,018.20	\$1,360,490.52	\$1,276,779.48	\$179,810.40	\$1,096,969.08	41.6%
Debt Services (+)	\$8,497,017.00	\$0.00	\$2,404,362.23	\$6,092,654.77	\$53,988.48	\$6,038,666.29	71.1%
Group Insurance (non school) (+)	\$7,407,196.64	\$295,404.53	\$3,624,516.23	\$3,782,680.41	\$3,825.25	\$3,778,855.16	51.0%
State Assessments (+)	\$6,587,749.00	\$552,074.00	\$2,723,274.00	\$3,864,475.00	\$0.00	\$3,864,475.00	58.7%
Liability Insurance (+)	\$674,000.00	\$0.00	\$586,746.80	\$87,253.20	\$0.00	\$87,253.20	12.9%
Other (+)	\$1,361,736.00	\$0.00	\$0.00	\$1,361,736.00	\$0.00	\$1,361,736.00	100.0%
Transfers to Other Fund (+)	\$861,734.00	\$56,000.00	\$476,000.00	\$385,734.00	\$0.00	\$385,734.00	44.8%
Reserve for Abatement/Exempt (Overlay) (+)	\$507,962.96	\$0.00	\$0.00	\$507,962.96	\$0.00	\$507,962.96	100.0%
Snow & Ice Deficit (+)							
Pensions (+)	\$274,538.00	\$0.00	\$0.00	\$274,538.00	\$0.00	\$274,538.00	100.0%
Sub-total : Other	\$19,549,289.00	\$0.00	\$18,715,885.00	\$833,404.00	\$0.00	\$833,404.00	4.3%
	\$62,479,319.60	\$2,044,543.76	\$32,628,693.03	\$29,850,626.57	\$2,083,994.93	\$27,766,631.64	44.4%
Total : EXPENSES	\$214,859,121.56	\$15,684,567.64	\$84,129,030.46	\$130,730,091.10	\$62,922,313.89	\$67,807,777.21	31.6%
NET (ADDITION)/DEFICIT	\$0.00	\$4,241,796.39	(\$3,051,683.04)	\$3,051,683.04	\$62,922,313.89	(\$59,870,630.85)	0.0%

End of Report

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
1010000	General Fund	\$19,900,689.70	\$96,170,541.66		\$0.00	\$9,954,022.70
1020000	General Fund Prior Year Encumbered	\$0.00	\$0.00	(\$106,117,208.66)	\$0.00	
1030000	General Fund - City Charges School	\$0.00	\$0.00	(\$2,557,102.31)	\$0.00	(\$2,557,102.31)
1510000	General Fund Long Term Debt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102533	Bureau of Justice Asst-Police	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102700	Administration-Salaries	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102701	Administration-Expense	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102702	Pub Law 100-242	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102703	Clearance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102704	Code Enforcement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102705	Public Improv & Facilities	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102706	Rehabilitation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102707	Public Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102708	Rehab Loans & Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102709	FTHB Down Payment Assistance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102710	Relocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102711	CDBG-Economic Development	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102712	Affordable Housing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102716	CDBG FY2016	\$459.54	\$0.00	\$0.00	\$0.00	\$0.00
2102717	CDBG FY2017	(\$22,025.57)	\$23,347.54	(\$23,347.54)	\$0.00	\$459.54
2102718	CDBG FY2018	\$11,207.35	\$167.79	(\$167.79)	\$0.00	(\$22,025.57)
2102719	CDBG FY2019	\$136,869.61	\$179,205.67	(\$203,887.87)	\$0.00	\$11,207.35
2102720	CDBG FY2020	(\$120,879.24)	\$267,750.44	(\$334,364.95)	\$0.00	\$112,187.41
2102721	CDBG FY2021	\$0.00	\$0.00	(\$68,330.67)	\$0.00	(\$187,493.75)
2102901	Home Consortium	\$1,397.75	\$7,247.00	(\$2,747.50)	\$0.00	(\$68,330.67)
2102902	CDBG/MHFA Loan Program	\$30,162.04	\$0.00	(\$14,010.00)	\$0.00	\$5,897.25
2102907	Special Needs Assistance	\$0.00	\$0.00	\$0.00	\$0.00	\$16,152.04
2102908	Brownfields Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2102909	Non-CDBG Program Income	\$12,279.19	\$0.00	\$0.00	\$0.00	\$0.00
2109511	Law Enforcement Technology DOJ	\$0.00	\$0.00	\$0.00	\$0.00	\$12,279.19
2109512	Parking Garage-Downtown	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021
Fund Type:
☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2111511	Law Enf Technology DOJ FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2115210	JAG PD Technology Upgrade	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2116210	JAG PD Mobile Video & Crime Control	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2116211	JAG Implementation Program CFDA16.738	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2117210	JAG Mobile Office Project CFDA 16.738	\$26,309.57	\$0.00	(\$10,007.58)	\$0.00	\$16,301.99
2117211	JAG Implementation Program CFDA16.738	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2119210	JAG Law Enforcement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2120210	JAG Law Enforcement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2120215	JAG Prisoner Transport Vehicle	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2142910	EM-Medical Reserve Corps	(\$31,190.00)	\$0.00	\$0.00	\$0.00	(\$31,190.00)
2160121	EPA Brownfields - Petroleum Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2160122	EPA Brownfields - Haz Waste Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2172910	NACCHO for Emergency Mgmt	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2191642	Merrimack Riverbank Stabilization	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202538	Prostate Grant-Health Dept	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202539	Wilson Reading Syst - LSTA Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202540	State Tank Removal Reimb	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202541	Cricket Foundation Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202544	Hoarding Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202547	Primary Tank Conversion Fed Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202548	Fire Dept Safety Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202550	Lyme Disease Prev Serv Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202552	Factory Mutual Arson Investigation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202554	Fire Safety Equipment Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202555	Fire Rescue Boat	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202556	Gas Line Emergency Training	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202560	Fire Fighter Equip State Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202561	SG Hazardous Waste Tech Gr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2202564	Library Early Child Res Grant	\$1,983.71	\$0.00	\$0.00	\$0.00	\$0.00
2202568	Emer Mgmt Local Emerg	\$0.00	\$0.00	\$0.00	\$0.00	\$1,983.71
2202800	Northeast Consortium	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021

☐ Include Cash Balance

Fund Type:

☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2210110	MA Clean Energy Choice	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210170	CDBG-Neighborhood Stabilization Program	\$10,244.87	\$0.00	\$0.00	\$0.00	\$10,244.87
2210210	Shannon Anti-Gang Grant FY2011	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210220	Ferry Road - MBTA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210221	Rte 97 & 113 - MBTA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210550	State 911 Grant - FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210551	State 911 Dept Training	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210559	MA Decontamination Unit FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210910	EMPG Grant FY21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2210911	Public Health Emergency Response	\$0.00	\$0.00	(\$1,570.00)	\$0.00	(\$1,570.00)
2210912	H1N1 Intl Inst of Gr Lawrence	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2211170	Urban Neighborhood Parks	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2211400	OCDEF Haverhill PD	(\$14,984.84)	\$0.00	\$0.00	\$0.00	(\$14,984.84)
2211550	State 911 Grant - FY11	\$0.40	\$0.00	\$0.00	\$0.00	\$0.40
2211559	MA Decontamination Unit FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2211560	Formula Grant COA FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2212175	Merrimack St Renaissance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213200	Shannon Grant (FY13)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213550	State 911 Grant - FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213564	LSTA Tweens & Teens	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213630	Swasey Park PH I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2213662	Ferry St Boat Ramp Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2214175	MASSWORKS Boardwalk Ext	(\$372,589.91)	\$375,000.00	(\$94,958.00)	\$0.00	(\$92,547.91)
2214200	Shannon Grant (FY14)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2214210	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2214346	Vacant Properties Grant DPIP	\$89,288.06	\$0.00	\$0.00	\$0.00	\$89,288.06
2214550	State 911 Grant - FY14	\$0.00	\$0.00	(\$11,890.26)	\$0.00	\$77,397.80
2215138	FY15 Regional Energy Manager	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215200	Naloxone Grant FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215210	MA Municipal Police Staffing (FY21)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215211	Shannon Grant (FY21)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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Fund Type: ☐ Include Cash Balance
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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2215220	SAFE Grant FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215375	375th Anniversary - MA Earmark	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215550	State 911 Grant - FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215559	MA Decontamination Unit FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215560	Formula Grant COA FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215630	Swasey Park PH II	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215900	GAR Park Common Backyard	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215902	Bike & Complete Streets Planning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2215910	EMPG Grant FY15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216200	Naloxone (Narcan) Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216211	Shannon Grant (FY16)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216215	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216220	SAFE Grant FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216250	Last Alarm Grant	\$3,617.69	\$0.00	\$0.00	\$0.00	\$3,617.69
2216300	GATEWAY City Parks - Stadium	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216430	Recycling Dividends Program	\$79,137.96	\$49,360.50	(\$29,142.04)	\$0.00	\$99,356.42
2216453	Water Infrastructure Assessment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216559	MA Decontamination FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216560	Formula Grant COA FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2216630	Gateway Riverside Park	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217161	Early Voting Incentive Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217200	Naloxone (Narcan) Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217210	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217211	Shannon Grant (FY17)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217220	SAFE Grant FY17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217309	Haverhill On The Move	\$9,787.34	\$0.00	\$0.00	\$0.00	\$9,787.34
2217311	311 Grant	\$2,382.61	\$0.00	\$0.00	\$0.00	\$2,382.61
2217559	MA Decontamination FY17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217630	Cashman Field PARC 10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217700	Washington Square Placemaking	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2217705	TDI Local Lift	\$784.91	\$0.00	\$0.00	\$0.00	\$784.91

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2217710	TDI Small Business Development	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218175	MASSWORKS Merrimack St Heights	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218182	MASSWORKS Harbor Place PHII	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218210	MA Municipal Police Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218211	Shannon Grant (FY18)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218220	SAFE Grant FY18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218225	EOPS FY2018	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218300	SSYI	\$18,434.20	\$125,000.00	(\$143,433.93)	\$0.00	\$0.27
2218400	DEP Asset Mgmt Plan	\$29,514.54	\$0.00	\$0.00	\$0.00	\$29,514.54
2218453	Plaistow MtBE Remediation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218550	State 911 Grant - FY18 PSAP	\$18,906.02	\$0.00	\$0.00	\$0.00	\$18,906.02
2218551	State 911 Grant - FY18 Training	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218560	Formula Grant COA FY18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218700	Bradford Rail Trail Ext Earmark	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2218910	EMPG Grant FY18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219121	Green Communities Grant	(\$72,528.87)	\$0.00	\$0.00	\$0.00	(\$72,528.87)
2219210	Naloxone (Narcen) Grant	\$632.81	\$2,500.00	(\$1,172.00)	\$0.00	\$1,960.81
2219211	MA Municipal Police Staffing	\$0.00	\$0.00	(\$630.68)	\$0.00	(\$630.68)
2219212	Shannon Grant (FY19)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219220	SAFE Grant FY19	\$0.00	\$0.00	(\$353.16)	\$0.00	(\$353.16)
2219250	Last Alarm-Honor Guard Uniforms	\$3,176.28	\$50.00	\$0.00	\$0.00	\$3,226.28
2219422	Complete Streets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219481	EV Charging Station Rebate	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219550	State 911 Grant - Support/Incentive	\$0.00	\$0.00	(\$12,070.40)	\$0.00	(\$12,070.40)
2219551	State 911 Grant - Training	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219560	Formula Grant COA FY19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219700	Powder House Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2219910	EMPG Grant FY19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220121	MVP Grant (FY20)	\$11,980.00	\$0.00	(\$44,446.75)	\$0.00	(\$32,466.75)
2220182	Urban Agenda Grant	\$39,500.00	\$47,500.00	(\$87,000.00)	\$0.00	\$0.00
2220200	MAPC Covid-19	\$10,004.62	\$5,000.00	(\$17,524.62)	\$0.00	(\$2,520.00)

City of Haverhill Massachusetts

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2220210	Shannon Grant (FY12)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220212	MA Municipal Police Staffing FY20	\$118,948.65	\$0.00	(\$133,501.32)	\$0.00	(\$14,552.67)
2220215	Shannon Grant (FY20)	\$142,534.73	\$0.00	(\$117,783.92)	\$0.00	\$24,750.81
2220220	SAFE Grant FY20	\$7,371.03	\$0.00	\$0.00	\$0.00	\$7,371.03
2220424	Street Lights Retrofit	(\$189,685.50)	\$173,079.38	\$0.00	\$0.00	(\$16,606.12)
2220500	Vietnam Veterans Memorial	\$8,377.27	\$0.00	\$0.00	\$0.00	\$8,377.27
2220550	State 911 Grant - Support/Incentive	(\$24,947.07)	\$66,185.72	(\$172,941.68)	\$0.00	(\$131,703.03)
2220551	State 911 Grant - Training	(\$3,970.00)	\$22,957.50	(\$365.00)	\$0.00	\$18,622.50
2220552	State 911 Grant - Medical Dispatch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220559	Fire MDU Grant	\$4,000.00	\$0.00	\$0.00	\$0.00	\$4,000.00
2220560	Formula Grant COA FY20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2220630	Riverside Park FY20 Earmark	(\$9,673.40)	\$9,673.40	\$0.00	\$0.00	\$0.00
2220700	Census Grant FY20	\$25,000.00	\$0.00	(\$25,000.00)	\$0.00	\$0.00
2220720	Housing Choice Funds FY20	\$0.00	\$249,000.00	(\$248,797.58)	\$0.00	\$202.42
2220910	EMPG Grant FY20	(\$22,749.79)	\$0.00	(\$2,732.24)	\$0.00	(\$25,482.03)
2221121	ADA Accessibility Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2221182	Ornstein Redevelopment (MASSWORKS)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2221410	Little River Dam Removal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2221630	Plug Pond Improvements (PARC)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2232541	Enhanced School Health Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2242559	MA Decontamination Unit Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2252100	Police Task Force	\$25,564.42	\$18,383.00	(\$26,495.92)	\$0.00	\$17,451.50
2252560	Formula Grant COA FY05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2262210	Shannon Grant (FY06)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2262560	Formula Grant COA FY06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272210	Shannon Grant (FY07)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272546	Ambulance Task Force	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272554	Firefighters Equip FY07 State Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2272559	Community Police FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282100	Bradford Rail Trail Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282182	Technical Assistance Permitting 43D	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2282210	Shannon Grant (FY08)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282539	Library Equal Access - LSTA Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282559	Community Police FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2282560	Formula Grant COA FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2290018	MORE II Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292100	Tree Replacement Project DCR	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292150	Citizen Center MTC Energy & Efficiency	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292160	Gateway Plus Action Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292182	DEP Brownfields Technical Assistance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292210	Shannon Grant (FY10)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292401	River of Arts Program - MCC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292541	Essential School Health	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292542	Essential School Health (FY15)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292543	Essential School Health FY16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292544	Essential School Health FY17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292545	Essential School Health FY 18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292546	Essential School Health FY 19	(\$55,657.77)	\$0.00	\$27,591.20	\$0.00	(\$28,066.57)
2292547	Essential School Health FY20	\$9,475.48	\$0.00	(\$3,912.35)	\$0.00	\$5,563.13
2292548	ESH Regional Nurse Consultant FY 20	\$45,069.81	\$0.00	(\$44,603.91)	\$0.00	\$465.90
2292549	ESH FY 21	\$0.00	\$0.00	(\$14,603.73)	\$0.00	(\$14,603.73)
2292550	State 911 Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292551	ESH Regional Nurse Consultant FY 21	\$0.00	\$89,100.00	(\$48,491.00)	\$0.00	\$40,609.00
2292559	Community Police FY09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2292560	Formula Grant COA FY09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2295420	Project Bread Cafe Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302070	Elderly Meals Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302100	Insurance Reimbursements	\$42,445.55	\$23,393.91	(\$86,427.69)	\$0.00	(\$20,588.23)
2302141	Park Department Rental	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302144	Stadium Revolving	\$31,883.04	\$10,000.00	(\$8,567.93)	\$0.00	\$33,315.11
2302147	Park Commission	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302149	Dock Fees - Park Commission	\$4,301.38	\$1,135.00	(\$2,090.53)	\$0.00	\$3,345.85

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021
Fund Type: ☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2302227	Waterways Fund	\$30,033.39	\$4,958.74	(\$1,439.81)	\$0.00	\$33,552.32
2302240	State Aid To Libraries	\$8.16	\$0.00	\$0.00	\$0.00	\$8.16
2302330	Haverhill Arts Comm. L/A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302331	Hav Arts Comm Local Receipts	\$58,357.95	\$0.00	(\$13,600.00)	\$0.00	\$44,757.95
2302332	Haverhill Historic Commission	\$617.00	\$0.00	\$0.00	\$0.00	\$617.00
2302338	Fed Law Enf Narcotic Revolving Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302382	Health Dept Food Training Pro	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302383	Conservation Filing Fees	\$6,297.90	\$145.00	(\$4,798.23)	\$0.00	\$1,644.67
2302385	Conservation Permits/Crystal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302387	Law Enf Narcotic Revolving Fund	\$41,764.38	\$9,162.71	(\$4,929.24)	\$0.00	\$45,997.85
2302388	Fed Law Enf Narcotic Revolving	\$113,542.41	\$34,942.50	(\$18,506.28)	\$0.00	\$129,978.63
2302530	Police Dept Community Donations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302531	DARE Program-Donations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302532	Library Gift for Literacy Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302533	Blue Cross Prevention & Wellness	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302662	Recreation/Parks Revolving	\$7,789.87	\$32,985.77	(\$35,577.30)	\$0.00	\$5,198.34
2302663	Skating Rink Revolving	\$36,757.69	\$71,820.00	(\$110,377.56)	\$0.00	(\$1,799.87)
2302666	Citizen Center Revolving	\$0.00	\$459.00	(\$545.00)	\$0.00	(\$86.00)
2302667	Council on Aging Revolving	\$21,649.54	\$2,888.07	(\$7,887.71)	\$0.00	\$16,649.90
2302670	Wood School Day Care Revolving Fund	\$71,657.96	\$19,827.00	(\$16,469.47)	\$0.00	\$75,015.49
2302671	Parking Commission Revolving	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302672	Crowell School Day Care Revolving Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2302673	Municipal Open Space Management	\$50,833.24	\$0.00	\$0.00	\$0.00	\$50,833.24
2302781	Reimb Extended Polling Hours	\$27,989.29	\$22,163.40	(\$315.00)	\$0.00	\$49,837.69
2310492	Hilldale Tree Planting-Natl Grid	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2311210	Police Dept Rotary Club Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2312000	High School Graduating Classes	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2312500	Parking Services Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2370171	ENHC 2007 Trails Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2402090	Ins Proceeds over \$150,000	\$261.22	\$0.00	\$0.00	\$0.00	\$261.22
2402170	Net Bond Premium	\$0.00	\$26,764.21	(\$364,370.41)	\$0.00	(\$337,606.20)

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2402171	Sale of Non-Tax Title Real Estate	\$366,223.78	\$225,333.34	(\$79,100.00)	\$0.00	\$512,457.12
2403000	Auditorium Rental Cust. Maint	\$9,205.46	\$0.00	\$0.00	\$0.00	\$9,205.46
2403001	Engineering Inspection Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403002	Parking Fee Surcharge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403003	Primrose St Sewer Survey	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403004	Cable TV Royalties	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403006	Computer Fees-Parking Fines	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403007	Street Opening Permits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403008	Firearms /Permits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403009	Veterans Markers	\$8,550.00	\$13,750.00	\$0.00	\$0.00	\$22,300.00
2403011	Facade Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2403012	DPW Reserve for Capital	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2419422	Transportation Network DPU	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2502210	DEA Narcotics Fund	\$87,624.64	(\$28,446.14)	\$0.00	\$0.00	\$59,178.50
2502563	Commission on Disability Issues	\$83,873.08	\$7,443.90	(\$25,714.60)	\$0.00	\$65,602.38
2502564	Hav Comm on Disability/ Deaf	\$85,311.47	\$6,910.00	(\$4,000.00)	\$0.00	\$88,221.47
2502566	AT & T Broadband Settlement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2510332	COA Transportation Gift Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2511121	Gift for Bradford Community	\$3,249.69	\$0.00	(\$2,008.00)	\$0.00	\$1,241.69
2511210	Gift Public Safety Ground Equip PD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2511220	Gift Public Safety Ground Equip FD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2511401	Clean River Project Gift Account	\$951.36	\$0.00	\$0.00	\$0.00	\$951.36
2511550	Gift for Stadium Scoreboard	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2512171	Gift for Haverhill Trails Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2512400	Gift for Memorial Bench	\$849.89	\$0.00	\$0.00	\$0.00	\$849.89
2513210	Gift for Police - DAlessandro Trust	\$934.52	\$0.00	\$0.00	\$0.00	\$934.52
2513220	Gift for Fire - FM Global	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2513410	Gift for Trees	\$1,439.00	\$0.00	\$0.00	\$0.00	\$1,439.00
2513422	Gift for Memorial Trees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2514200	Gift for Bradford Rail Trail FPF	\$515.03	\$0.00	\$0.00	\$0.00	\$515.03
2515000	Gift for Childrens Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021

☐ Include Cash Balance

☐ FY End Report

Fund Type:

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2515220	Fire Prevention Training 3M	\$2,306.00	\$0.00	\$0.00	\$0.00	\$2,306.00
2515500	Gift for Haverhill Parking	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
2515630	Gift for 375th Anniversary	\$450.94	\$0.00	\$0.00	\$0.00	\$450.94
2516182	Gift for Waiver - Affordable Housing	\$57,000.00	\$0.00	\$0.00	\$0.00	\$57,000.00
2516630	Gift for Haverhill Disc Golf	\$13,210.08	\$0.00	(\$8,503.27)	\$0.00	\$4,706.81
2517121	Gift for DeJesus Family Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2517430	Gift for Recycling Outreach	\$52,918.73	\$42,029.33	(\$22,916.50)	\$0.00	\$72,031.56
2519500	Gift for Vietnam Memorial	\$13,751.19	\$7,460.00	(\$15,652.64)	\$0.00	\$5,558.55
2520121	Gift for Portland Fire	\$427.25	\$0.00	\$0.00	\$0.00	\$427.25
2520125	Gift for Covid 19 Emergency Housing	\$0.00	\$10,000.00	\$0.00	\$0.00	\$10,000.00
2542100	Police Dept Community Donations	\$6,006.95	\$0.00	\$0.00	\$0.00	\$6,006.95
2542200	Fire Dept Community Donation	\$3,486.36	\$0.00	\$0.00	\$0.00	\$3,486.36
2542300	Council on Aging Gifts Account	\$7,427.43	\$173.67	(\$1,170.10)	\$0.00	\$6,977.44
2542301	COA Griffin White Grant	\$0.00	\$0.00	(\$623.66)	\$0.00	\$0.00
2542403	Fire Works Gift	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2542404	Gift for Americal Div Comeau Bridge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2542405	Gift for Santa Parade	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2542500	Disaster Relief Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2572401	Downtown Master Plan Parking Study	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2582406	Gift for Ice Rink Board Renovations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2582500	94 Emerson St Victim Relief Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2592100	Alzheimer & Autism Equipment Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2592200	Security Camera Fund - Police	\$1,518.39	\$0.00	\$0.00	\$0.00	\$1,518.39
2592300	Recreation Gifts Account	\$1,109.78	\$0.00	\$0.00	\$0.00	\$1,109.78
2592330	Recreation/Football Gift Account	\$241.48	\$0.00	\$0.00	\$0.00	\$241.48
2592331	Gift for Haverhill Rocks	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2593000	School Gift from Class of 1938 HHS Door	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2610013	Energy Efficiency Recovery Block Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2610210	JAG Formula Program-Recovery Act	\$0.00	\$0.00	(\$74,484.97)	\$0.00	(\$74,484.97)
2610212	ARRA VAWA STOP Law Enf Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2610220	ARRA Fire Services Staffing Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
2610700	CDBG-R	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2611210	ARRA MA Municipal Police Staffing (JAG)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2620001	COVID-19 CARES ACT	\$1,888,715.04	\$2,117,945.00	(\$2,219,415.54)	\$0.00	\$1,787,244.50
2620002	COVID-19 FEMA	(\$371,522.15)	\$0.00	(\$401,007.74)	\$0.00	(\$772,529.89)
2620541	ESMV Covid-19	\$0.00	\$23,659.00	(\$3,140.88)	\$0.00	\$20,518.14
2620901	CDBG-CV	(\$72,323.13)	\$414,074.61	(\$343,395.27)	\$0.00	(\$1,643.79)
2621610	IMLS Cares Act	\$0.00	\$3,500.00	(\$3,500.00)	\$0.00	\$0.00
3100001	Lincolnshire Drainage Bonds	\$3,818.14	\$0.00	\$0.00	\$0.00	\$3,818.14
3100002	Crystal/Kenoza Water Line Bnd	\$25,428.56	\$0.00	\$0.00	\$0.00	\$25,428.56
3100003	Milvale/Broadway Pump & Trea	\$700.40	\$0.00	\$0.00	\$0.00	\$700.40
3100005	Storm Water GIS	\$9.00	\$0.00	\$0.00	\$0.00	\$9.00
3100007	2005 Water Improvements Design	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100008	Hilldale Sewer Project Engineering	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100009	MWPAT Water Treatment Plant Improvermer	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100010	Willow Ave Drainage FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100013	WTP Water Pumps & Motors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100014	Silver Hill BPS Construction	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3100015	Western Ave Water Main Betterment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3110007	S Main St Watermain Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3111016	Water Meter Replacement	\$113,762.11	\$0.00	(\$46,692.21)	\$0.00	\$67,069.90
3111017	Water Distribution Improvements FY2011	\$569,279.14	\$0.00	\$0.00	\$0.00	\$569,279.14
3111018	Water 20" & 36" Transmission Mains	\$248,481.03	\$3,023,421.00	\$0.00	\$0.00	\$3,271,902.03
3111019	Water Treatment Plant Improvements FY201	(\$1,702,880.04)	\$3,146,103.00	(\$1,873,519.35)	\$0.00	(\$430,296.39)
3111020	Water Fleet & Equipment	\$14,516.00	\$0.00	\$0.00	\$0.00	\$14,516.00
3111021	Water Supply Dams	\$4,466.78	\$0.00	\$0.00	\$0.00	\$4,466.78
3111022	Water Carbon Filters	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3111023	Watershed Management Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3111024	Water Supply Fee	\$136,864.43	\$0.00	(\$55,308.86)	\$0.00	\$81,555.57
3113000	Water Large Meter Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3119018	Water 20" & 36" Mains SRF	(\$1,118,730.33)	\$1,103,295.00	\$0.00	\$0.00	(\$2,728,141.95)
3119019	Water 20" & 36" Mains Non-SRF	\$52,875.50	\$0.00	\$0.00	\$0.00	\$52,875.50

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021
Fund Type:
☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3119020	Sewer System Improvements	\$946,510.43	\$0.00	(\$362,043.63)	\$0.00	\$584,466.80
3120453	Amesbury Road Land Acquisition	\$0.00	\$0.00	(\$272,000.00)	\$0.00	(\$272,000.00)
3200001	State Septic Tank Land Prog	\$2,990.00	\$0.00	\$0.00	\$0.00	\$2,990.00
3200010	Merrimack River Initiative MWPAT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3200011	Stormwater GIS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3200012	CSO PHII Long Term Control Plan	\$3,206.76	\$0.00	\$0.00	\$0.00	\$3,206.76
3200013	Flood Wall Engineering	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3200022	CSO PHII SRF	\$5,100.01	\$0.00	\$0.00	\$0.00	\$5,100.01
3211014	WW Treatment Facility Rehab & Repair	\$24,918.34	\$0.00	\$0.00	\$0.00	\$24,918.34
3211015	Sewer Rehab & Repair	\$172,290.78	\$0.00	\$0.00	\$0.00	\$172,290.78
3211016	Merrimack Riverbank Stabilization	\$1,221.93	\$0.00	\$0.00	\$0.00	\$1,221.93
3212015	Sewer System Extension	\$280.19	\$0.00	\$0.00	\$0.00	\$280.19
3213000	WW Billing System	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3213013	Floodwall Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3214012	CSO PHII LTCP	(\$14,834.94)	\$0.00	\$0.00	\$0.00	(\$14,834.94)
3214013	CW-14-18 CSO PHII & Stormwater Tasks	(\$2,651.38)	\$0.00	\$0.00	\$0.00	(\$2,651.38)
3215000	Upper Lake St Sewer Betterment	\$3,400.88	\$0.00	\$0.00	\$0.00	\$3,400.88
3216000	Wastewater Odor \$2.2M Bond	\$1,288,454.41	\$0.00	(\$1,288,454.41)	\$0.00	\$0.00
3216012	CW-14-15 CSO System Improvements	\$13,319.48	\$0.00	\$0.00	\$0.00	\$13,319.48
3216016	Wastewater Consent Decree SEP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3217000	CW-17-14 Wastewater Odor Control	(\$142,898.57)	\$0.00	(\$470,817.36)	\$0.00	(\$613,715.95)
3217001	CW-17-14 Carlton St & N Ave Pump Stations	\$15,617.69	\$0.00	(\$15,000.00)	\$0.00	\$617.69
3218001	Merrimack Riverbank	(\$282,200.00)	\$0.00	\$0.00	\$0.00	(\$282,200.00)
3218002	Marsh Ave/Main St Sewer Repairs \$500k Bc	\$52,331.48	\$0.00	\$0.00	\$0.00	\$52,331.48
3219012	CSO PH III Tasks	\$223,284.48	\$1,510,102.41	(\$346,079.05)	\$0.00	\$1,387,307.84
3220014	Wastewater Capital Outlay	\$378,661.00	\$0.00	(\$61,842.07)	\$0.00	\$316,818.93
3220423	Stormwater System Improvements	\$144,000.00	\$0.00	(\$84,165.00)	\$0.00	\$59,835.00
3221442	Sewer System Cleaning Truck (Bond)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300009	Montvale /Concord Elem Sch Bnd	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300010	High School Pool Roof	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300011	Renovation Stadium Synthetic Turf	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021

☐ Include Cash Balance

Fund Type: ☐ FY End Report

Fund	Description	Beginning Balance (\$100,000.00)	Revenue	Expense	Transfers	Fund Balance (\$100,000.00)
3300012	Trinity Stadium Improv-PARC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300014	HHS Renovations 2003	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300015	School Boilers 2003	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300022	Whittier Windows	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3300026	School Textbooks FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3312050	Green Repair Project - Schools	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3312090	FY12 School Dept Bldg Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3312100	Hunking School Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3313100	Hunking School Feasibility Study	\$68,155.00	\$0.00	\$0.00	\$0.00	\$0.00
3314043	Water Loss Bradford Elementary	\$0.00	\$0.00	\$0.00	\$0.00	\$68,155.00
3314100	Hunking Middle School	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3316100	FY16 Sidewalk Repair HHS	(\$2,905,550.18)	\$0.00	\$0.00	\$0.00	(\$2,905,550.18)
3316101	FY16 Curbing & Concrete Repair HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3316725	Consentino Flood Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3316785	Tilton School Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3317725	Consentino Lockers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3318725	Consentino Facility Study	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3319029	Track Reconstruction & Improvement	\$750,000.00	\$0.00	\$0.00	\$0.00	\$750,000.00
3319300	Schools - Repair Drains & Gutters	\$184,389.46	\$0.00	(\$184,389.46)	\$0.00	\$0.00
3319301	School Building Repairs/Renovations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3319305	Schools - Boiler Repairs	\$7,103.94	\$0.00	\$0.00	\$0.00	\$7,103.94
3319500	HHS Roof Repairs (Gym&Pool)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3319725	Consentino Temporary Repairs	\$204,094.64	\$0.00	(\$330,511.75)	\$0.00	(\$126,417.11)
3319726	Consentino Roof	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3319770	St James Lighting	\$4,470.82	\$0.00	\$0.00	\$0.00	\$0.00
3319795	Whittier Asbestos Removal	\$0.00	\$0.00	\$0.00	\$0.00	\$1,670.82
3319801	School Technology	\$344,672.10	\$0.00	(\$134,583.26)	\$0.00	\$0.00
3320036	School Technology 2012	\$0.00	\$0.00	\$0.00	\$0.00	\$210,088.84
3370029	Girls Softball Field	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3400010	Fuel Depot 9/2003	\$238,931.76	\$0.00	\$0.00	\$0.00	\$0.00
3408220	Fire Dept Ladder Truck FY08	\$16,398.12	\$0.00	(\$36,487.96)	\$0.00	(\$20,089.84)
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3410220	Ladder Truck Repairs FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3412092	FY12 Maint & Repair - City Hall	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3412093	Washington Crossing Park	\$222.16	\$0.00	\$0.00	\$0.00	\$222.16
3412100	Bradford Rail Trail - City	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3412400	Traffic Signal Improvements FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3413092	Maint & Repair - City Hall	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3413200	FY13 Capital - Public Safety Bldgs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3413422	Tree Planting Capital	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414121	FY14 Rail Trail Extension	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414155	FY14 Replace/Upgrade Technology	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414156	FY14 Disaster Recovery Servers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414192	FY14 City Hall Exterior Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414200	FY14 New Fire Truck	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414210	Police Station Canopy	\$150,000.00	\$76,000.00	(\$36,918.55)	\$0.00	\$189,081.45
3414220	FY14 Water St Boiler	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414221	FY14 Water St Hose Tower	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414222	FY14 Water St Greenway Project	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414223	FY14 16th Ave Apparatus Bay Floor	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414300	FY14 HHS Curbing & Cement Decking	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414420	FY14 Highway Generator Electrical	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414549	FY14 Cit Center Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3414630	FY14 Dog Park Fence	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415100	FY15 PD Fleet Maintenance Facility	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415210	Security Cameras (2) PD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415211	FY15 PD Boiler Replace	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415220	Facade Repairs 16th Ave Fire Station	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415221	High ST. Fire Stn Rewiring/Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415222	Ayers Village Fire Stn Heating Rps.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415300	FY15 Consentino Paving	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415549	Citizen Ctr Bathrooms(6)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3415630	Skating Rink Roof Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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3415631	Riverside Park Bathroom Repair	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416100	FY16 Paint & Repair Eves City Hall	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416111	FY16 Council Office A/C Repair	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416120	City Hall Document Management	\$11,069.50	\$0.00	\$0.00	\$0.00	\$11,069.50
3416121	FY16 Rail Trail	\$14,875.49	\$0.00	(\$34,065.90)	\$0.00	(\$19,190.41)
3416122	Rail Trail Design Phase II	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416138	City Hall Energy Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416151	Boardwalk Easements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416155	City IT New Core Switch	\$12,196.95	\$0.00	\$0.00	\$0.00	\$12,196.95
3416161	Clerk Rebind Vital Books	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416190	City Hall A/C	\$16,906.88	\$0.00	(\$9,400.00)	\$0.00	\$7,506.88
3416192	FY16 Retaining Wall City Hall	\$139,059.85	\$0.00	(\$51,160.65)	\$0.00	\$87,899.20
3416193	FY16 City Hall Flooring	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416194	FY16 City Hall Parking Lot Stairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416195	FY16 City Hall Energy Upgrades	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416196	City Wide Building Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416200	Water St Heating System	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416210	Police Station Sprinkler Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416211	Police Station Mold Mitigation	\$15,826.44	\$0.00	\$0.00	\$0.00	\$15,826.44
3416212	Police Station Building Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416400	DPW Loader Snow Blower	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416401	Parking Deck Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416422	DPW Retro-Fit Front End Loader	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416423	DPW Flashing Lights	\$1,880.00	\$0.00	\$0.00	\$0.00	\$1,880.00
3416425	DPW One-Ton Truck	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3416510	Health Department Vehicle	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417145	Treasurer Office Security	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417155	Broadway Easements	\$16,096.60	\$0.00	\$0.00	\$0.00	\$16,096.60
3417192	City Hall Flooring	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417193	City Hall Bathrooms	\$0.00	\$20,000.00	(\$9,250.00)	\$0.00	\$10,750.00
3417194	City Hall Exterior Repairs	\$39,710.00	\$0.00	\$0.00	\$0.00	\$39,710.00

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
3417195	High St Station Wiring	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417196	Rocks Village Heating	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417197	City Hall Signage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417210	Police Station Window Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417211	Speed Signs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417212	Police Vehicles	\$0.00	\$0.00	(\$895.90)	\$0.00	\$0.00
3417215	Dog Pound Repairs	\$24,365.70	\$0.00	(\$10,411.12)	\$0.00	(\$895.90)
3417220	Fire Inspector Vehicle	\$0.00	\$0.00	\$0.00	\$0.00	\$13,954.58
3417221	Fire Truck (FY17 Bond)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417410	Main St Improvement Project	\$0.00	\$0.00	(\$1,021,376.00)	\$0.00	(\$1,021,376.00)
3417422	Six-Wheel Dump Truck	\$1,869.00	\$0.00	\$0.00	\$0.00	\$0.00
3417423	One-Ton Dump Truck	\$0.00	\$0.00	\$0.00	\$0.00	\$1,869.00
3417424	Bucket Truck - FY17 Bond	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417442	Lake St & Water St Sewer Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417550	Stadium Repairs - FY17 Bond	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3417600	Historic Signage	\$2,000.00	\$0.00	\$0.00	\$0.00	\$2,000.00
3417630	Smiley School Playground	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418001	Cashman Field	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418125	Fire Rte 125 Light Loop Replace	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418155	Open Gov IT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418161	City Clerk Office Alarm	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418162	City Clerk Glass Door	\$1,034.29	\$0.00	\$0.00	\$0.00	\$0.00
3418182	Planning Master Plan	\$3,848.78	\$0.00	\$0.00	\$0.00	\$1,034.29
3418192	City Hall Phone System	\$0.00	\$0.00	(\$2,212.50)	\$0.00	\$1,636.28
3418194	City Hall Boiler Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418200	Police Byrne Grant Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418210	Police Station Air Conditioning Replace	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418211	Air Conditioner Police Computer Room	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418212	Police Station Windows Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418215	ACO Replacement Vehicle	\$9,058.42	\$0.00	\$0.00	\$0.00	\$0.00
3418216	Police Station Generator	\$0.00	\$0.00	(\$1,610.00)	\$0.00	\$7,448.42
				\$0.00	\$0.00	\$0.00

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3418217	Gang Unit Police Vehicle	\$5,881.37	\$0.00	(\$5,881.37)	\$0.00	\$0.00
3418218	Radio System Public Safety (Bond)	\$1,044.51	\$0.00	\$0.00	\$0.00	\$1,044.51
3418219	Safety Camera Nichols Street	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418220	Rocks Village Hand Tub Painting	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418221	Winnemenni Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418225	Fire Vehicle Replacement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418240	One Police Officer	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418422	Highway One Ton Dump Truck	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418423	Highway Belly Plows	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418450	Highway Addtl Staffing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418510	Health/Insp Bldg Occupancy Review	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3418800	Capital Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419121	Court House Stairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419190	City Hall Improvements	\$66,099.44	\$0.00	(\$18,332.50)	\$0.00	\$47,766.94
3419192	City Hall Boiler	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419210	Police Dept Motorcycle	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419220	Fire Station Generators	\$34,706.84	\$0.00	\$0.00	\$0.00	\$34,706.84
3419221	Fire Mobile & Portable Radios	\$91.09	\$0.00	\$0.00	\$0.00	\$91.09
3419222	Fire Rescue Truck (Bond)	(\$699,921.00)	\$0.00	\$0.00	\$0.00	(\$699,921.00)
3419422	DPW Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419424	Replace Streetlights	\$5,114.59	\$0.00	\$0.00	\$0.00	\$5,114.59
3419510	Insp Services Renovations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3419630	Playground Improvements	\$674.92	\$0.00	\$0.00	\$0.00	\$674.92
3420121	Covid-19 Emergency	\$130,025.03	\$0.00	(\$9,465.48)	\$0.00	\$120,559.55
3420220	Water St Fire Station Repairs	\$302,539.96	\$0.00	(\$192,804.30)	\$0.00	\$109,735.66
3420221	Ayers Village Station Repairs	\$9,070.19	\$0.00	\$0.00	\$0.00	\$9,070.19
3420410	Rte 110/108 Intersection	\$207,000.00	\$0.00	\$0.00	\$0.00	\$207,000.00
3420415	North Ave Improvements	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3420420	Complete Streets-Marsh Ave	\$48,500.00	\$0.00	(\$6,820.73)	\$0.00	\$41,679.27
3420422	Highway Building Repairs	\$982.36	\$0.00	\$0.00	\$0.00	\$982.36
3420500	Vietnam Veteran Memorial	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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3420501	Operation Booth	\$23.07	\$0.00	\$0.00	\$0.00	\$23.07
3421422	Highway One-Ton Truck (Bond)	\$0.00	\$58,093.97	(\$33,986.56)	\$0.00	\$24,107.41
3440155	Info Tech Capital Projects	\$0.00	\$56,000.00	\$0.00	\$0.00	\$56,000.00
3440220	Fire Dept - Capital Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440422	DPW Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440552	Parking Deck Repairs 2005	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440710	Park Dept Bldg Repairs FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440711	High St Fire Station Repairs FY07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440750	Stadium Earmark Project DHCD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440810	Tennis Court Repairs Winne & Stad FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440811	Furnace Repair & Abate Stadium FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440812	Alarm System Upgrade Treasurer FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440813	Painting City Hall Interior FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440814	Rocks Village Fire Station Repair FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440815	Recycling Center Roof Replaces FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440816	Water St Fire Station Windows FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440817	Frye Pond Dam Inspection & Report FY08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3440910	City Hall Elevator Repair	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3441101	FY11 Police Dept Roof - Windstorm Damage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3441102	FY11 Library Roof - Windstorm Damage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3441103	Wood School Roof - Windstorm Damage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3451001	FY15 Streets and Sidewalks	\$890.00	\$0.00	\$0.00	\$0.00	\$890.00
3470029	Reverside Park Grant Match	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3490001	Parking Garage Stainwell FY09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3500001	MWPAT Landfill Remediation	\$196.01	\$0.00	\$0.00	\$0.00	\$196.01
3500012	Landfill-Southern Mound Closure	\$2,512.35	\$0.00	\$0.00	\$0.00	\$2,512.35
3600006	State Aid Hwy Chapter 90 03 MA3246128	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600007	State Aid Hwy Chapter 90 04 MA4246131	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600008	State Aid Hwy Chapter 90 05 MA0035430	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600009	State Aid Hwy Chapter 90 06 MA0039276	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600010	State Aid Hwy Chapter 90 07 MA0050831	(\$369,171.01)	\$394,460.86	(\$1,742,371.17)	\$0.00	(\$1,717,081.32)

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3600011	State Aid Hwy Chapter 90 07 MA0048000	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3600012	Chap 90 50831 Shared Streets & Spaces	\$0.00	\$48,735.50	(\$49,738.80)	\$0.00	(\$1,003.30)
3700001	So Main St Roadway Grant MA9378	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700002	Hilldale Ave Roadway MA9408	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700003	Merimack River Walkway MA7834	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700010	MWPAT Landfill	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700011	Danrich Ct Subdivision Perf Bond Proceeds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700014	2014 Winter Rapid Recovery	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3700015	2015 Winter Recovery Assistance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3709001	River St at Bradley Ave MA9053	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3711000	Bridge Repairs - Whittier & Millvale	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3712000	FY12 Capital Equipment & Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3713000	FY13 Capital Equipment & Projects	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3714422	FY14 Sidewalk Repairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3714423	FY14 Route 97 Improvement	(\$86,520.94)	\$0.00	\$0.00	\$0.00	(\$86,520.94)
3716410	East Broadway Bridge	(\$88,841.50)	\$33,782.14	\$0.00	\$0.00	(\$55,059.36)
3716422	Sidewalk & Other Repair Projects	\$131,836.94	\$570,689.00	(\$676,877.78)	\$0.00	\$25,848.16
3719182	River Boardwalk	\$398,496.14	\$0.00	\$0.00	\$0.00	\$398,496.14
3719220	Broadway Fire Alarm MA100357	(\$5,336.00)	\$0.00	\$0.00	\$0.00	(\$5,336.00)
3719410	Small Bridge Improvements MA103466	(\$72,262.85)	\$72,795.50	(\$532.65)	\$0.00	\$0.00
3719423	Roadways	\$800,101.63	\$0.00	(\$726,756.42)	\$0.00	\$73,345.21
4101400	Title II Part A FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4101401	Title II Part A Carryover	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4101600	Title II Part D FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4101640	Tech Support G164 FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4101800	Title III FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102150	Small Learning Communities FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102210	Summer Drop Out Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102400	PL94-142 Sped IDEA Allocation FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4102620	EEC Sped Allocation FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4103050	Title I FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

Month: November
Year: 2021
Fund Type: ☐ Include Cash Balance
☐ FY End Report

Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4103051	Title 1 Carry Over FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4103230	Title 1 School Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4103310	Title IV Drug Free and Safe Schools FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4104000	FY20 Perkins Grant	\$4,325.50	\$0.00	(\$206.25)	\$0.00	\$4,119.25
4108470	Mass 21 Elern Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4108471	Mass 21 Middle School Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111400	Title II Part A FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111401	Title II Part A Carryover	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111700	Tech Enhancements Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4111800	Title III FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112010	RTTT Race to the Top	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112060	Ed Jobs Grant FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112150	Small Learning Communities FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112200	11 Interventions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112400	PL94-142 Sped Allocation FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4112620	EEC Sped Allocation FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113050	Title 1 FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113051	Title I Carryover FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113230	11 Title 1-Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4113600	Dropout Prevention FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4116470	Mass 21 P-S-W Grant FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4116471	Mass 21 C-G-T-N Grant FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4116472	MASS 21st High School FY11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4126470	Mass 21 P-S-W-HHS FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4126471	Mass 21 C-GH-T-N FY12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4131400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4131401	Title IIA (FY12 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4131800	Title III	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4132030	Innovation Implementation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4132400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4132450	LLS & CCR Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4132740	SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133050	Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133051	Title I (FY12 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133200	Supplemental Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133230	Title I - School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133240	Mass Tiered System of Support (MTSS)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4133600	Dropout Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4136470	Mass 21st P-SHHS FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4136471	Discovery Club Consentino FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4136472	Mass 21st C-GH-T FY13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141401	Title IIA (FY13 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141800	Title III	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4141801	Title III (FY13 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4142030	Innovation Implementation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4142400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4142740	SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143050	Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143051	Title I (FY13 Carryover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143230	Title I (School Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4143600	Dropout Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4146470	Mass 21st Learning Center (Winter)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4146471	Mass 21st Learning Center (Rollover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4146472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4150000	FEMA School Reimbursement acct	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4151400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4151800	Title III	\$0.70	\$0.00	\$0.00	\$0.00	\$0.70
4151840	Title III (LEP- Summer Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152040	Vertical SIF Implementation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152450	Mass 21st Learning Center (Enhanced)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4152620	SPED Early Childhood Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152740	SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4152980	EEC SPED Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4153050	Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4153230	Title I (School Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4153600	Dropout Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156470	Mass 21st Learning Center (Winter)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156471	Mass 21st Learning Center (Rollover)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4156473	Mass 21st Learning Center (HHS)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161400	Title II A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161800	Title III LEP Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161801	Title III (FY 15 Carry Over)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4161840	Title III LEP Summer Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162450	Ma 21st Learn Ctr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162620	Sped Early Education allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162740	Sped Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4162950	SPED School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163050	FY 16 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163230	Title I (School Support)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163231	Title I School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4163600	HSGI (formerly Drop Out Prev)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166470	Ma 21st Cent Learn Ctr Exem Prog	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166471	Ma 21st Cent Learn Ctr Winter	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166473	Ma 21st Cent Learn Ctr HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166474	Mass 21st Learning Center (Summer) HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4166475	Mass 21 Summer Enhancement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4171400	Title IIA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4171800	Title III LEP Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

Fiscal Year: 2020-2021

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4171840	Title III LEP Summer Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172030	Innovation Fund Fin Ed Fairs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172430	Sped Transition Systemic Improvement Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172450	Sped Ma 21st Learn Ctr	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172451	Mass 21st Learning Center (Enhanced)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172620	Sped Early Education allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172740	Sped Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4172950	FY 17 DCAM Poverty Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4173050	FY 17 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4173230	Title I School Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4173231	Title I Poverty Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176470	Mass 21st Learning Center (Winter)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176473	Ma 21st Cent Learn Ctr HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176474	Mass 21st Learning Center (Summer) HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176475	Mass 21st Learning Summer Enhanced	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4176476	Ma 21st Century JG Whittier Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181400	FY 18 Title II A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181450	FY 18 Summer Planning 145	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181800	Title III	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4181840	Title III LEP Summer Support	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182400	SPED 94-142 Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182440	Mass 21st Enhanced students with IEP's	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182450	Ma 21st Cent Sped Enhanced	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182451	Mass 21st Learning Center (Enhanced)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182452	FY18 245 SPED SY IEP HHS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182620	SPED Early Childhood Allocation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4182740	FY18 Sped Program Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4183050	FY18 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4183090	FY 18 Title IV 309	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

City of Haverhill Massachusetts

Fund Balances

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Fund	Description	Beginning Balance	Revenue	Expense	Transfers	Fund Balance
4183100	FY 18 McKinney-Vento Homeless Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4183230	FY 18 323B DSAC HHS Turnaround Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4185390	FY 18 Turnaround Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186450	21st CCLC Continuation SY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186460	21st CCLC Exemplary SY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186470	Do not use-change by DESE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186472	Mass 21st Learning Center (Summer)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4186477	Ma 21st Century JG Whittier Grant-Summer	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4191400	FY 19 Title II A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4191800	FY 19 Title III ELL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4192150	SLC-Do not use	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4192400	FY19 240 IDEA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4192440	FY19 21st CCLC Enhanced Stud w/IEP	\$1,333.78	\$0.00	\$0.00	\$0.00	\$1,333.78
4192620	FY19 262 Sped Early Childhood	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4193050	FY 19 Title I	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4193090	FY19 Title IV	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4193100	FY 19 McKinney-Vento Homeless Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4193310	Title IV FY09-Do not use	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4194000	FY19 Perkins Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4195390	FY 19 Turnaround Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4196450	FY 19 21st CCLC Continuation	\$1,589.90	\$0.00	\$0.00	\$0.00	\$1,589.90
4196460	FY 19 21st CCLC Exemplary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4196470	FY 19 21st CCLC Supporting Additional Lea	\$1,000.00	\$0.00	\$0.00	\$0.00	\$1,000.00
4200660	School MCC Big Yellow School Bus	\$627.00	\$0.00	\$0.00	\$0.00	\$627.00
4201400	FY20 Title IIA 140	\$21,669.22	\$100.00	(\$20,600.00)	\$0.00	\$1,169.22
4201800	FY20 Title III 180	\$18,957.28	\$38,642.00	(\$38,361.59)	\$0.00	\$19,237.69
4201950	FY 20 State Earmark	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4202160	FY 20 Teacher Diversification fund 216	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4202210	Drop Out Prevention	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4202370	CPC Grant FY10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4202400	FY20 SPED 240	\$371,929.92	\$311,406.00	(\$122,484.50)	\$0.00	\$560,851.42



114
Hearing 10/26/2021
CC SP-20-6
RICHARD J. SHEEHAN, JR.
TIMOTHY J. SCHIAVONI
ROBERT A. JUTRAS
PAUL A. MAGLIOCCHETTI
SONJA STARINS
THOMAS C. TRETTER
CAITLIN M. MASYS
MARCIA K. ROSENN
WILLIAM D. CHASE

OF COUNSEL
KRISTIN M. YASENKA
JOSHUA S. ENGLAND, LL.M.

VIA EMAIL TO CITY CLERK

October 23, 2020

Ms. Melinda Barrett
Haverhill City Council President
Haverhill City Hall
4 Summer Street
Haverhill, MA 01830

RE: Site Plan Review-Major: Chapter 255 Article XVI WD-F
Ch. 255, sec. 154-171
Owner: Cioto Realty Trust
Applicant: Ernest Cioto, Trustee
Location: 38 Railroad Street, Bradford MA
Parcel ID: 701-630-9

**Brief in Support of Residential Condominium Development at
38 Railroad Street, Bradford Massachusetts**

Pursuant to the Code of the City of Haverhill, Chapter 255 sec. 154-174 (Article XVI Waterfront District), the applicant, Ernest Cioto, wishes to substantially rehabilitate an old dilapidated industrial site on the banks of the Merrimack River in the Bradford section of Haverhill. The petitioner plans to convert the existing industrial building into 48 residential condominiums. The development is located in the Waterfront District Zone F (WD-F), is by-right and is before the City Council as a Site Plan Review Major.

Background

In July 2019, Mr. Cioto submitted a proposal to the City of Haverhill to build 60 Condominiums pursuant to Haverhill Zoning Ordinance Chapter 255 Sections 154-171 (Waterfront District). To address neighborhood concerns, the matter was withdrawn, and meetings were held with the neighbors and City Councilor's to explain the project details, answer questions and all neighbors to express concerns. As a result of the meetings, and the concerns expressed by the neighbors, Mr. Cioto modified the plan, eliminated the request for a

SSJM ATTORNEYS PRACTICE IN MA, NH, DC AND CA

70 Bailey Boulevard • Haverhill, MA 01830 629 Main Street • Woburn, MA 01801
TEL (978) 373-9161 TEL (781) 933-7756

SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW

parking easement from the City of Haverhill, and a revised proposal with 54 Condominiums (a 10% reduction) was resubmitted in June 2020. That plan was also withdrawn without prejudice to allow additional time to again reconfigure and redesign the development to further address neighbors' concerns and provide additional details to clarify compliance with the ordinance. Mr. Cioto is submitting the attached revised development plan for 48 Condominiums to the City Council for approval pursuant to Ch. 255, sec. 154-171. The current plan has significant changes from the original plan including a 20% reduction in the number of residential units.

By-Right Site Plan Approval Major
Chapter 255 sec. 154-174 (Article XVI Waterfront District)

As stated earlier this is an application for By-Right, site plan approval major. According to Article XVI of the Haverhill Code, By-Right approval, means that "the standards and criteria which any project permitted in the Waterfront District shall meet under the procedures as set forth in this article. Such approval shall be treated as nondiscretionary and not subject to the standards applicable to special permits under this Zoning Ordinance. See "Table of Uses for the Waterfront District"[1] for a listing of uses permitted in the Waterfront District". The standard for approval set forth in the Haverhill Code for Site Plan Review Major is covered in Chapter 255-170 (C):

By-right plan (site plan review - major) approval.

(1) An application for by-right (site plan review - major) approval shall be reviewed for consistency with the purpose and intent of this article, and such plan review shall be construed as an as-of-right review and approval process.

(2) Plan approval shall be granted where the PAA finds by vote of the City Council that:

(a) The applicant has submitted the required fees and information as set forth in this article.

(b) The project and site plan meet the requirements and standards as set forth in this article or a waiver has been granted therefrom.

(c) Extraordinary adverse potential impacts of the project on nearby properties have been adequately mitigated.

(3) If all of the above requirements are not met, the plan shall not be approved.

SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW

The Applicant, in support of his application for Site Plan Approval Major, meets the requirements of Ch. 255-170(C) and is allowed to develop 56 residential units By-Right.

Pursuant to Chapter § 255-164 (F) Density regulations in sub-zone F allow 20 residential units per acre. In addition, a density bonus is allowed pursuant to Chapter § 255-165 (C), which states that, "In Sub-Zone F, a maximum of 40 units per acre shall be permitted when a project proposes to substantially rehabilitate an existing building into residential housing or artist live/work space." There is an existing building on the site which is being substantially rehabilitated into residential housing and the ordinance specifically uses the word "shall" and not "may" in this case, thereby eliminating discretion in these matters. The plan keeps as much of the existing structure as is practical, including sections of foundation walls, the concrete floor, and brick walls that are within the footprint of the residential buildings. The portions of the building that interfere with the Rail Trail, interfere with parking, or obstruct pedestrian and vehicular traffic are to be removed. Since the development is a substantially rehabilitation within the meaning of the ordinance, it qualifies for the density bonus.

Including the density bonus, the total number of residential units allowed By-Right are 56. The Licensed Land Surveyor that signed the site plan for the project confirms that the development site located at 38 Railroad Street contains 1.4 acres +/- . This is inconsistent with the records at the City of Haverhill Assessors office which shows a lot size of 1.1 acres; however the law is well settled that the title controls and furthermore, the site was surveyed by a licensed Land Surveyor. Based on the site containing 1.4 acres and the fact that the ordinance allows for 40 units per acre, the total number of residential units allowed By- Right is 56. The revised plan proposed by Mr. Cioto is for 48 residential units which is 8 units (14.3%) less than the number allowed, and 12 units (20%) less than the 60 units originally proposed for the site.

In addition to the significant reduction in the number of residential units, the project exceeds the number of required parking spaces. Initially the project required an easement from the City of Haverhill and an agreement with National Grid to allow for additional parking for the project, and the number of spaces equaled the number required by City of Haverhill regulations. This need has been eliminated and there is an agreement with the owners of the abutting property for a parking easement. The revised plan consists of 81 spaces where 72 are required, which exceeds the number of parking spaces required by the City of Haverhill by 9 spaces (11.2%).

SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW

114

The agreement for the additional parking spaces next door not only provides additional parking for the development, but will allow for additional parking on street parking for residents along Railroad Street, many of whom currently have little or no legal parking options. The significant reduction in the number of residential units and required parking spaces, together with all the parking being on site and off the street, will allow for improved pedestrian and vehicular traffic flow, in and around the project. It should also be noted that the city of Haverhill has already taken steps to widen Railroad Street, thereby further improving parking and traffic flow.

The revised condominium development plan for 38 Railroad Street, in addition to addressing some of the major concerns of the neighbors, and significantly reducing the number of residential units, complies with the purpose of the Waterfront District, and meets the requirements of the ordinance. The applicant has submitted the required fees and information as set forth in this article; the project and site plan meet the requirements and standards as set forth in the ordinance; and any extraordinary adverse potential impacts of the project on nearby properties have been adequately mitigated. Consequently, the applicant requests City Council approval for the development of 48 residential condominium units at 38 Railroad Street.

Paul A. Magliocchetti
Paul A. Magliocchetti, Esquire

Enclosures: as stated

Cc: Planning Director
City Clerk
Mayor Fiorentini
Solicitor William Cox

IN CITY COUNCIL: November 17 2020
VOTED: that COUNCIL HEARING BE HELD JANUARY 26 2021
Attest:

City Clerk



Haverhill

Economic Development and Planning
Phone: 978-374-2330 Fax: 978-374-2315
wpillsbury@cityofhaverhill.com

January 22, 2021

TO: City Council President Melinda E. Barrett and members of the Haverhill City Council

FROM: William Pillsbury, Jr. Economic Development and Planning Director

**SUBJECT: Waterfront Zoning –Major Site Plan 48 Market Rate units
38 Railroad Street**

The application before the city council is for 48 Units of Market Rate Housing in the Waterfront Zoning District—Subzone F at 38 Railroad Street. This project represents a major step forward in implementing waterfront zoning and is exactly the type of project that the city envisioned when the innovative waterfront zoning ordinance was adopted by the city council.

The role of the City council under the Waterfront zoning ordinance is to act as Plan Approval Authority (PAA) for projects allowed by right and requiring approval of a major site plan.

As Economic Development and Planning Director I have reviewed the application package for consistency with the ordinance and what follows is a recommendation based on a review of the project in light of the objectives of the ordinance and the specific requirements and standards of the Waterfront District Subzone F.

1. 255-154 Purpose

A detailed review of the project against Section 255-154 D 1-17 indicates that the proposed major site plan meets the relevant major objectives of the district.

2. 255-157 Subzones

The goals for Subzone F states that a project proposed design should:

Creates an active waterfront -which is present via the docks/marina spaces provided;

Continue the Rail Trail –a major benefit of this project is that the applicant proposes to provide easements for public access to and from Railroad Street at both ends of the property and **construct the extension** of the rail trail along the entire frontage along the Riverfront .

3. **255-158 Design Guidelines**

In subzone F 100% residential use is recommended-project complies

The proposed project complies with the relevant recommended design guidelines in 255-158 A-M

4. **255-162 Major Site Plan review criteria**

Proposed project complies with the review criteria of providing for physical access to the River and to afford visual amenities such as the step down design along the view from the frontage along the river.

5. **255-165 C Density Bonus**

Density Bonus shall be awarded when the project proposes to substantially rehabilitate an existing building into residential housing. The project proposes substantial rehabilitation.

The plans show that portions of the existing foundation and portions of 2 structural walls will be retained ; all major systems will be replaced (only 2 are required) and the cost to rehabilitate would exceed the limits shown, thus achieving the objective of substantial rehabilitation. The project is both a reuse and construction of new and innovative designs (255-154.D 14)

Substantial Rehabilitation (HUD Definition): HUD considers substantial rehabilitation of HUD-assisted multifamily rental housing to occur under one of the following circumstances: **1) when the required repairs, replacements, and improvements involve the replacement of two or more major building components, or 2) the costs of the rehabilitation exceed the greater of 15 percent (exclusive of any soft costs) of the property's replacement cost (fair market value) after completion of all required repairs, replacements, and improvements; or \$6,500 per dwelling unit (adjusted by HUD's authorized high cost percentage); or 20% of the mortgage proceeds applied to rehabilitation expenses.**

Substantial rehabilitation means, To be considered "Substantial Rehabilitation," there must be at least the foundations remaining from the previous structures, suitable to support the proposed construction.

The term Substantial Rehabilitation means "the improvement of a unit in substandard condition to a decent, safe and sanitary level, meeting FHA's standards for mortgage insurance. Units are in substandard condition when, while they may be structurally sound, they do not provide safe and adequate shelter, and in their present condition endanger the health, safety, or well-being of the occupants. Such housing has one or more defects, or a combination of potential defects in sufficient number or extent to require considerable repair or rebuilding, or is of inadequate original construction. **The defects are either so critical or so widespread that the structure should be extensively repaired. The estimated cost of the rehabilitation should normally not be less than 25 percent of the value of the property (including land) after rehabilitation.** The rehabilitation should be of such scope that, when completed, all the components in the house are operable and should not be anticipated to require any work or major expense over and above normal maintenance for the first one-fourth to one-third of the mortgage term."

6. 255-170 C Plan Approval Decision

By-Right plan approval- The city council finds that the project is consistent with the purpose and intent of the section including that the applicant has:

1. submitted the required fees and information
2. meets the requirements and standards set forth in the section
3. provided that impacts have been mitigated to the greatest extent possible

RECOMMENDATION: Based on a comprehensive review of the proposed project I recommend that the City council make the findings necessary that the project as presented is consistent with the purpose and intent of the section. Any specific requirements contained in the reports filed by the city departments shall be made part of this finding and carried forward into the development review/building permit process. Additionally the city council should incorporate into the development review process to follow that the applicant be responsible to construct the rail trail along the entire frontage along the riverfront as proposed and this work be completed prior to the issuance of occupancy permits.

City Council Special Permit**CCSP-20-6**

Status: Active

Submitted: Nov 05, 2020

Applicant

 Paul Magliocchetti
 ☎ 978-373-9161
 @ pmagliocchetti@ssjmattorneys.com

Location

38 RAILROAD ST
 Bradford, MA 01835

Important: Please Read Before Starting Your Application**Applicant Information****What is Your Role in This Process?**

Attorney/Agent

Applicant Business/Firm Phone

978-500-9130

Applicant Business/Firm City

Bradford

Applicant Business/Firm Zip

01835

Client Business Name

Cioto Realty Trust

Client Email

pmagliocchetti@ssjmattorneys.com

Client City

Bradford

Client Zip

01835

Client Business Structure

Partnership

Applicant Business/Firm Name

Ernest Cioto Trustee of Cioto Realty Trust

Applicant Business/Firm Address

38 Railroad Street

Applicant Business/Firm State

MA

Client Name

Ernest Cioto Trustee

Client Phone

978-500-9130

Client Address

38 Railroad Street

Client State

MA

Client County

Essex

Property Information**Proposed Housing Plan Name**

38 Railroad Street

How Long Owned by Current Owner?

20 years

Type of Dwelling(s) Planned in Project

Condominiums

Zoning District Where Property Located

IG - Industrial General

Deed Recorded in Essex South Registry: Block Number**Proposed Street Name(s)**

38 Railroad Street

Lot Dimension(s)

266.5' x 200' x 309' x 213'

Number of Lots Involved

1

Registry Plat Number, Block & Lot

701-630-9

Deed Recorded in Essex South Registry: Page

16670

88

Thoroughly Describe the Reason(s) for thre Special Permit

This is a Site Plan Review Major (not a Special Permit) to redevelop a dilapidated industrial building, located in the WD-F zone along the Merrimack riverfront, with 48 residential condominium units. See attached brief in support of the project.

Property Description

This is rectangular a 1.4 +/- acre parcel located at 38 Railroad Street with 266.5' +/- of frontage on Railroad Street and 309' +/- of frontage on the Merrimack River in the Bradford section of Haverhill. See included Existing Site Plan and Conceptual Site Plan for more details.

Current Property Use

Industrial

TOTAL Number of Units Planned

48

TOTAL Number of Parking Spaces Planned

81

Planned Lot Use**Size of Proposed Building(s)**

6,422 S.F. each

Lot Dimensions

266.5' x 200' x 309' x 213'

Number of Existing Buildings on Lot

1

Number of Buildings Planned for Lot

3

Number of Units Planned on Lot

48

Size of Existing Building(s) on Lot

10,428

Number of Families to be Accommodated

48

IF OTHER ALTERATIONS, Please Describe

Add additional buildings

Types of Units Planned on Lot

Condominiums (for sale)

IF OTHER ALTERATIONS, Please Describe

Add additional buildings

Extent of Proposed Alterations

Renovation

Lot Plat Number, Book, Lot

701-630-9

Lot Number

Lot 9

Lot Plat Number, Book, Lot

701-630-9

Extent of Proposed Alterations

Renovation

Lot Number

Lot 9

Types of Units Planned on Lot

Condominiums (for sale)

Special Circumstances**Building Coverage**

--

Dimensional Variance

--

Front Yard Setback

--

Side Yard Setback

--

Rear Yard Setback

--

Lot Frontage

--

Lot Depth

--

Lot Area

--

Building Height

--

Floor Area Ratio

--

Open Space

--

Parking

--

Sign Size

--

Use

--

Other

--

Hearing Waiver**Agrees**

No

Agreement & Signature**Agrees**

true

PLEASE READ**Office Use Only****City Council Decision**

--

City Council Hearing Date

--

Reason for Council's Decision

--

City Council Members Absent

--

City Council Members Present

--

Continuance Meeting Date

--

Also Present

--

City Councilor Who Seconded Motion

--

City Councilor Who Made Motion

--

City Councilors Who Voted Against

--

City Councilors Who Abstained

--

Continuance Motion Decision

--

Who Submitted Continuance Request?

--

City Councilors Who Voted in Favor

--

Number of 12"x18" Mylar Copies

--

Appeal Expiration Date

--

Number of 24"x36" Mylar Copies

--

Number of 18"x24" Mylar Copies

--

Attachments (6)docx **Property Owner's Permission**

Nov 05, 2020

docx **Written Summary of Project**

Nov 05, 2020

docx **Recorded Decision Sheet from Planning Board**

Nov 05, 2020

pdf **Copy of Approved Site Plan**

Nov 05, 2020

pdf **Certified Plot Plan**

Nov 05, 2020

pdf **38 Railroad traffic study.pdf**

Nov 05, 2020

Timeline**Special Permit Filing Fee**

Status: Paid November 9th 2020, 11:05 am

Paul Magliocchetti November 5th 2020, 4:09:41 pm

I already paid by check.

**Building Inspector Review**

Status: In Progress

Assignee: Tom Bridgewater

**Planning Director Review**

Status: In Progress

Assignee: William Pillsbury

**City Clerk Review - Hearing Dates Set**

Status: Pending

Maria Bevilacqua November 9th 2020, 11:19:36 am

City Council Hearing Date set for January 26 2021

**Assessor for Abutter's List**

Status: Pending

**Conservation Department Review**

Status: Pending

**DPW Review**

Status: Pending

**Engineering Department Review**

Status: Pending

**Fire1 Department Review**

Status: Pending

- ☐ **Fire2 Department Review**
Status: Pending
- ☐ **Health Department Review**
Status: Pending
- ☐ **Police Department Review**
Status: Pending
- ☐ **School Department Review**
Status: Pending
- ☐ **Storm Water Review**
Status: Pending
- ☐ **Wastewater Review**
Status: Pending
- ☐ **Water Department Review**
Status: Pending
- ☐ **First Ad Placement**
Status: Pending
- ☐ **Placed on Agenda**
Status: Pending
- ☐ **Abutter Notification**
Status: Pending
- ☐ **Second Ad Placement**
Status: Pending
- ☐ **City Councilor A Review**
Status: Pending
- ☐ **City Councilor B Review**
Status: Pending
- ☐ **City Councilor C Review**
Status: Pending
- ☐ **City Councilor D Review**
Status: Pending
- ☐ **City Councilor E Review**
Status: Pending
- ☐ **City Councilor F Review**
Status: Pending
- ☐ **City Councilor G Review**
Status: Pending
- ☐ **City Councilor H Review**
Status: Pending
- ☐ **City Councilor I Review**
Status: Pending
- ☐ **City Council Meeting**
Status: Pending
- ☐ **Meeting Minutes & Decision Filed w/City Clerk**
Status: Pending



SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW



RICHARD J. SHEEHAN, JR.
TIMOTHY J. SCHIAVONI
ROBERT A. JUTRAS
PAUL A. MAGLIOCCHETTI
SONJA STARINS
THOMAS C. TRETTER
CAITLIN M. MASYS
MARCIA K. ROSENN
WILLIAM D. CHASE

OF COUNSEL
KRISTIN M. YASENKA
JOSHUA S. ENGLAND, LL.M.

VIA EMAIL TO CITY CLERK

October 23, 2020

Ms. Melinda Barrett
Haverhill City Council President
Haverhill City Hall
4 Summer Street
Haverhill, MA 01830

RE: Site Plan Review-Major: Chapter 255 Article XVI WD-F
Owner: Ch. 255, sec. 154-171
Applicant: Cioto Realty Trust
Location: Ernest Cioto, Trustee
Parcel ID: 38 Railroad Street, Bradford MA
701-630-9

**Brief in Support of Residential Condominium Development at
38 Railroad Street, Bradford Massachusetts**

Pursuant to the Code of the City of Haverhill, Chapter 255 sec. 154-174 (Article XVI Waterfront District), the applicant, Ernest Cioto, wishes to substantially rehabilitate an old dilapidated industrial site on the banks of the Merrimack River in the Bradford section of Haverhill. The petitioner plans to convert the existing industrial building into 48 residential condominiums. The development is located in the Waterfront District Zone F (WD-F), is by-right and is before the City Council as a Site Plan Review Major.

Background

In July 2019, Mr. Cioto submitted a proposal to the City of Haverhill to build 60 Condominiums pursuant to Haverhill Zoning Ordinance Chapter 255 Sections 154-171 (Waterfront District). To address neighborhood concerns, the matter was withdrawn, and meetings were held with the neighbors and City Councilor's to explain the project details, answer questions and all neighbors to express concerns. As a result of the meetings, and the concerns expressed by the neighbors, Mr. Cioto modified the plan, eliminated the request for a

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www.ssjmattorneys.com

SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW

parking easement from the City of Haverhill, and a revised proposal with 54 Condominiums (a 10% reduction) was resubmitted in June 2020. That plan was also withdrawn without prejudice to allow additional time to again reconfigure and redesign the development to further address neighbors' concerns and provide additional details to clarify compliance with the ordinance. Mr. Cioto is submitting the attached revised development plan for 48 Condominiums to the City Council for approval pursuant to Ch. 255, sec. 154-171. The current plan has significant changes from the original plan including a 20% reduction in the number of residential units.

By-Right Site Plan Approval Major
Chapter 255 sec. 154-174 (Article XVI Waterfront District)

As stated earlier this is an application for By-Right, site plan approval major. According to Article XVI of the Haverhill Code, By-Right approval, means that "the standards and criteria which any project permitted in the Waterfront District shall meet under the procedures as set forth in this article. Such approval shall be treated as nondiscretionary and not subject to the standards applicable to special permits under this Zoning Ordinance. See "Table of Uses for the Waterfront District"[1] for a listing of uses permitted in the Waterfront District". The standard for approval set forth in the Haverhill Code for Site Plan Review Major is covered in Chapter 255-170 (C):

By-right plan (site plan review - major) approval.

(1) An application for by-right (site plan review - major) approval shall be reviewed for consistency with the purpose and intent of this article, and such plan review shall be construed as an as-of-right review and approval process.

(2) Plan approval shall be granted where the PAA finds by vote of the City Council that:

(a) The applicant has submitted the required fees and information as set forth in this article.

(b) The project and site plan meet the requirements and standards as set forth in this article or a waiver has been granted therefrom.

(c) Extraordinary adverse potential impacts of the project on nearby properties have been adequately mitigated.

(3) If all of the above requirements are not met, the plan shall not be approved.

SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW

The Applicant, in support of his application for Site Plan Approval Major, meets the requirements of Ch. 255-170(C) and is allowed to develop 56 residential units By-Right.

Pursuant to Chapter § 255-164 (F) Density regulations in sub-zone F allow 20 residential units per acre. In addition, a density bonus is allowed pursuant to Chapter § 255-165 (C), which states that, "In Sub-Zone F, a maximum of 40 units per acre shall be permitted when a project proposes to substantially rehabilitate an existing building into residential housing or artist live/work space." There is an existing building on the site which is being substantially rehabilitated into residential housing and the ordinance specifically uses the word "shall" and not "may" in this case, thereby eliminating discretion in these matters. The plan keeps as much of the existing structure as is practical, including sections of foundation walls, the concrete floor, and brick walls that are within the footprint of the residential buildings. The portions of the building that interfere with the Rail Trail, interfere with parking, or obstruct pedestrian and vehicular traffic are to be removed. Since the development is a substantially rehabilitation within the meaning of the ordinance, it qualifies for the density bonus.

Including the density bonus, the total number of residential units allowed By-Right are 56. The Licensed Land Surveyor that signed the site plan for the project confirms that the development site located at 38 Railroad Street contains 1.4 acres +/- . This is inconsistent with the records at the City of Haverhill Assessors office which shows a lot size of 1.1 acres; however the law is well settled that the title controls and furthermore, the site was surveyed by a licensed Land Surveyor. Based on the site containing 1.4 acres and the fact that the ordinance allows for 40 units per acre, the total number of residential units allowed By- Right is 56. The revised plan proposed by Mr. Cioto is for 48 residential units which is 8 units (14.3%) less than the number allowed, and 12 units (20%) less than the 60 units originally proposed for the site.

In addition to the significant reduction in the number of residential units, the project exceeds the number of required parking spaces. Initially the project required an easement from the City of Haverhill and an agreement with National Grid to allow for additional parking for the project, and the number of spaces equaled the number required by City of Haverhill regulations. This need has been eliminated and there is an agreement with the owners of the abutting property for a parking easement. The revised plan consists of 81 spaces where 72 are required, which exceeds the number of parking spaces required by the City of Haverhill by 9 spaces (11.2%).

SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW

The agreement for the additional parking spaces next door not only provides additional parking for the development, but will allow for additional parking on street parking for residents along Railroad Street, many of whom currently have little or no legal parking options. The significant reduction in the number of residential units and required parking spaces, together with all the parking being on site and off the street, will allow for improved pedestrian and vehicular traffic flow, in and around the project. It should also be noted that the city of Haverhill has already taken steps to widen Railroad Street, thereby further improving parking and traffic flow.

The revised condominium development plan for 38 Railroad Street, in addition to addressing some of the major concerns of the neighbors, and significantly reducing the number of residential units, complies with the purpose of the Waterfront District, and meets the requirements of the ordinance. The applicant has submitted the required fees and information as set forth in this article; the project and site plan meet the requirements and standards as set forth in the ordinance; and any extraordinary adverse potential impacts of the project on nearby properties have been adequately mitigated. Consequently, the applicant requests City Council approval for the development of 48 residential condominium units at 38 Railroad Street.

Paul A. Magliocchetti

Paul A. Magliocchetti, Esquire

Enclosures: as stated

Cc: Planning Director
City Clerk
Mayor Fiorentini
Solicitor William Cox

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VIA EMAIL TO CITY CLERK

October 23, 2020

Ms. Melinda Barrett
Haverhill City Council President
Haverhill City Hall
4 Summer Street
Haverhill, MA 01830

RE:	Site Plan Review-Major:	Chapter 255 Article XVI WD-F Ch. 255, sec. 154-171
	Owner:	Cioto Realty Trust
	Applicant:	Ernest Cioto, Trustee
	Location:	38 Railroad Street, Bradford MA
	Parcel ID:	701-630-9

Dear President Barrett:

Please be advised this office represents Ernest Cioto, as Trustee of the Cioto Realty Trust regarding the property located at 38 Railroad Street, Bradford, Massachusetts, and being shown on Haverhill Assessor's Map 701 Block 630 Lot 9.

In July 2019, Mr. Cioto submitted a proposal to the City of Haverhill to build 60 Condominiums pursuant to Haverhill Zoning Ordinance Chapter 255 Sections 154-171 (Waterfront District). The property is located in zone WD-F and the proposed development is allowed by right, site plan review major. To address neighborhood concerns, the matter was withdrawn and a revised plan with 54 Condominiums was resubmitted in June 2020. That plan was also withdrawn without prejudice to allow additional time to again reconfigure and redesign the development to address neighbors' concerns and provide additional details to clarify compliance with the ordinance.

Mr. Cioto is submitting the attached revised development plan for 48 Condominiums to the City Council for approval pursuant to Ch. 255, sec. 154-171. Kindly place this matter on the agenda and schedule a review hearing for the earliest available date. Attached are updated plans and a brief in support of the development for the council's consideration.

Paul A. Magliocchetti
Paul A. Magliocchetti, Esquire

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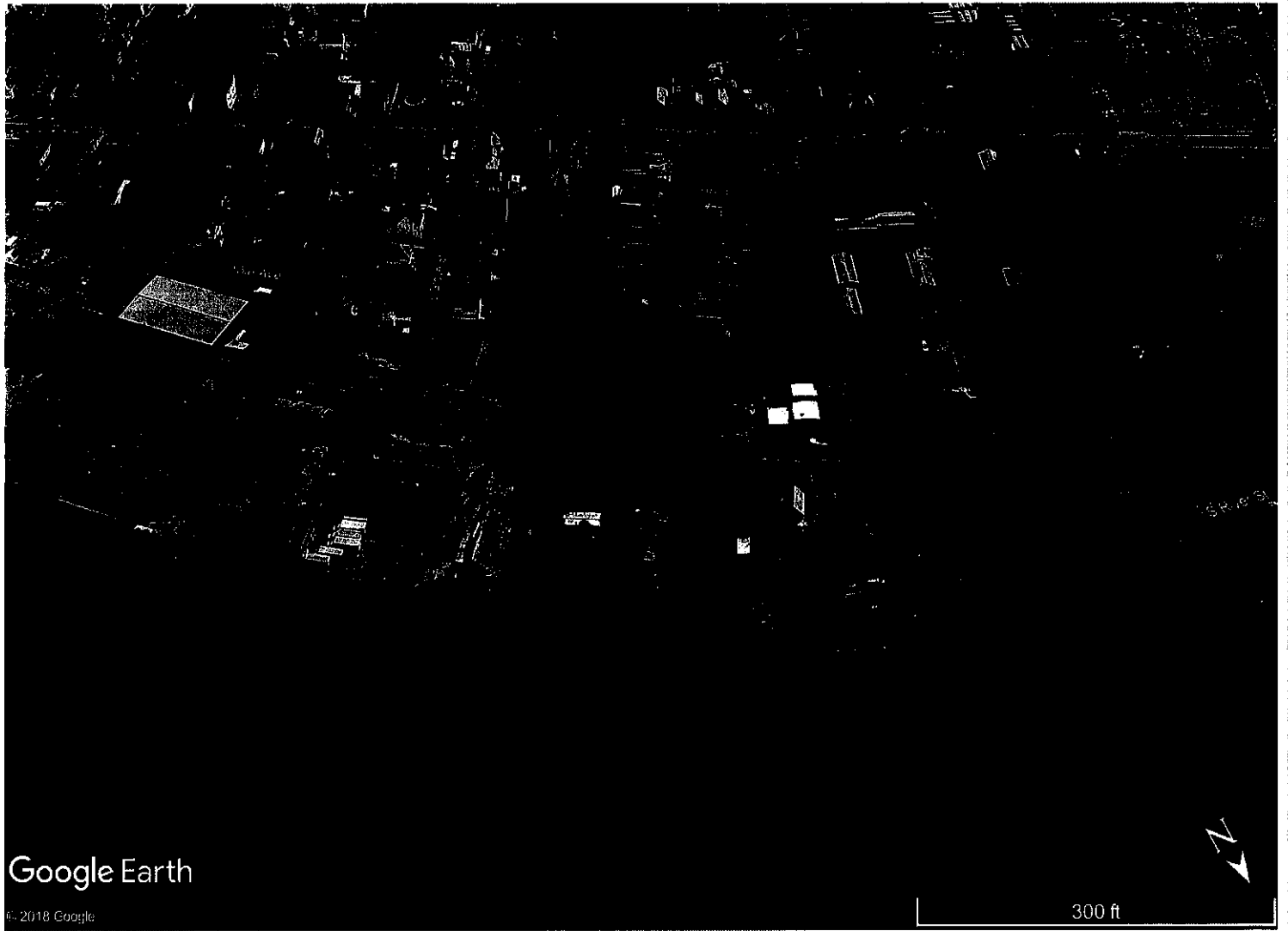
SHEEHAN, SCHIAVONI, JUTRAS & MAGLIOCCHETTI, LLP
ATTORNEYS AT LAW

Enclosures: as stated

Cc: Planning Director
City Clerk
Mayor Fiorentini
Solicitor William Cox

RIVERVIEW CONDOMINIUMS

38 Railroad Street, Haverhill, MA



Google Earth

© 2018 Google

300 ft

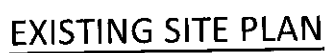


Google Earth

© 2015 Google

200 ft





New Project Program :

- Extending the rail trail out along the Merrimac riverbank for the entire length of the property with direct waterfront views.
- Three individual buildings built in phases
- Each building consisting of (16) residential condominiums including a variation of 1 and 2 bedroom units. Total of (48) units.
- Each building steps down in height towards the river to allow all units to have water views as well as to lower the scale of the buildings

- (3) structures allow open viewing corridors to the water from the street
- Existing two entrances to the property will provide less negative traffic impact
- 100% off street parking consisting of secured covered spaces underneath the buildings as well as other on site parking.
- All units will be sold at full market value
No Section 8 Housing

MERRIMACK RIVER

15' WIDE
EASEMENT
FOR RAIL. TRAIL.

702
630-1
N/F
GEORGE C. FRASCONE
DONNA J. FRASCONE
BK. 7022 PG. 54

PROPOSED BUILDING 1
8,422 S.F.
F.F. = 29.80

PROPOSED BUILDING 2
8,422 S.F.
F.F. = 29.80

PROPOSED BUILDING 3
8,422 S.F.
F.F. = 29.80

702
635-1
N/F
SIXTY RAILROAD STREET LLC
BK. 23711 PG. 357

EXISTING
2 STORY

12' WIDE PRIVATE WAY

Previous Site
Plan

RAILROAD

STREET

MERRIMACK RIVER

15' EASEMENT
FOR RAIL TRAIL

PROP. ARBOR WYAE
BARRIER

PROPOSED BUILDING 1
6,432 S.F.
F.F. = 28.00

PROPOSED BUILDING 2
6,432 S.F.
F.F. = 28.00

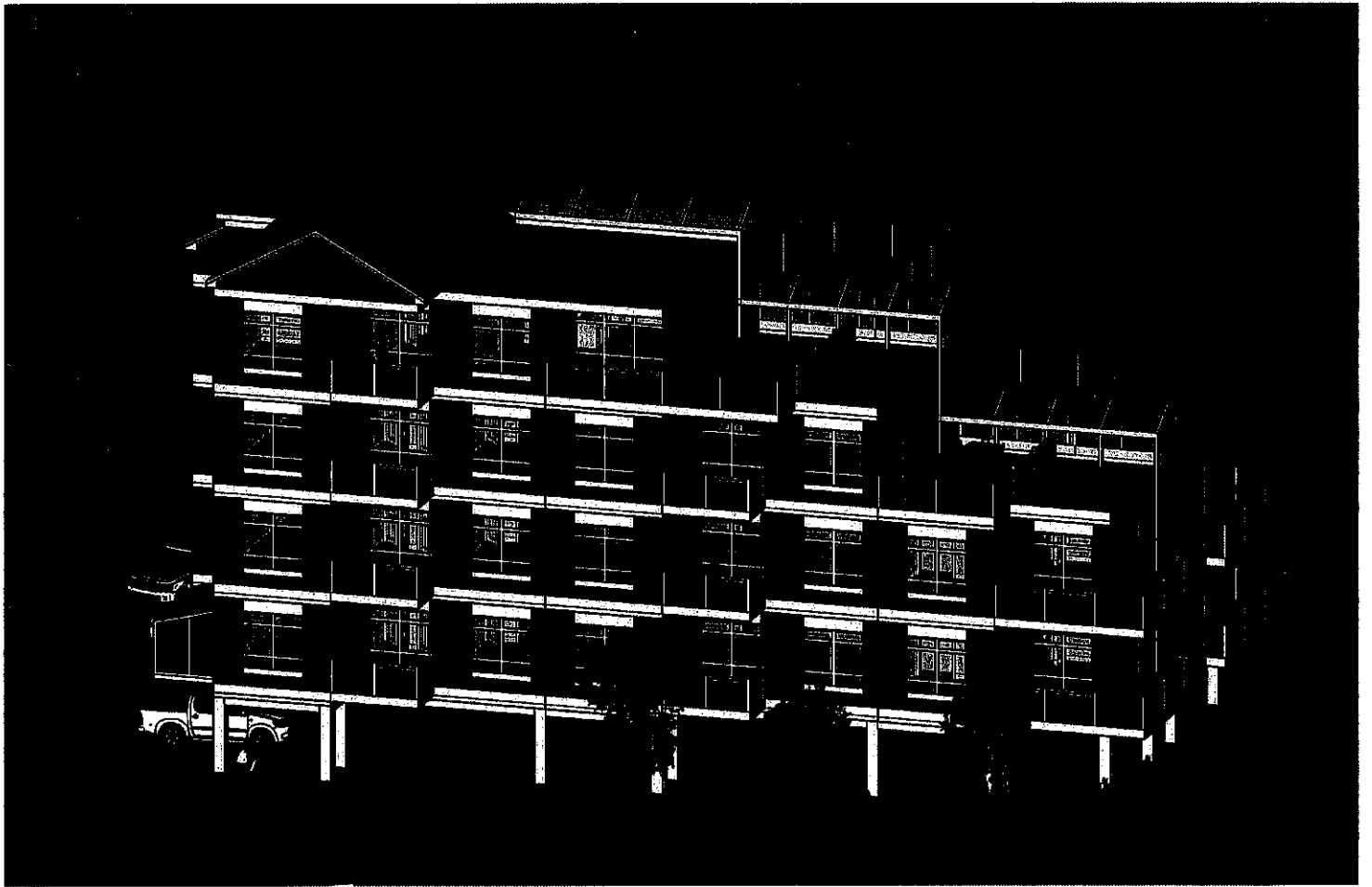
PROPOSED BUILDING 3
6,432 S.F.
F.F. = 28.00

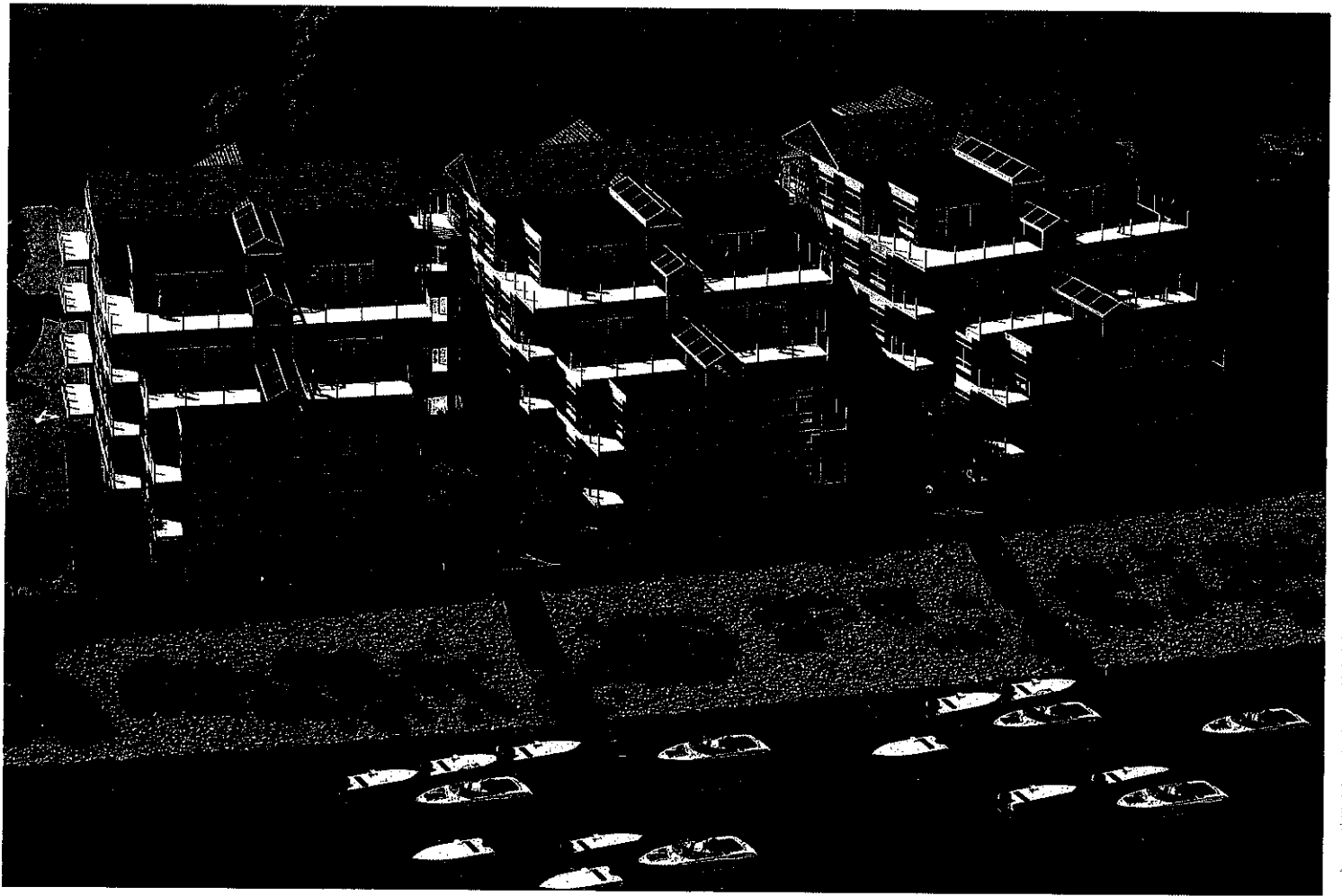
RAILROAD

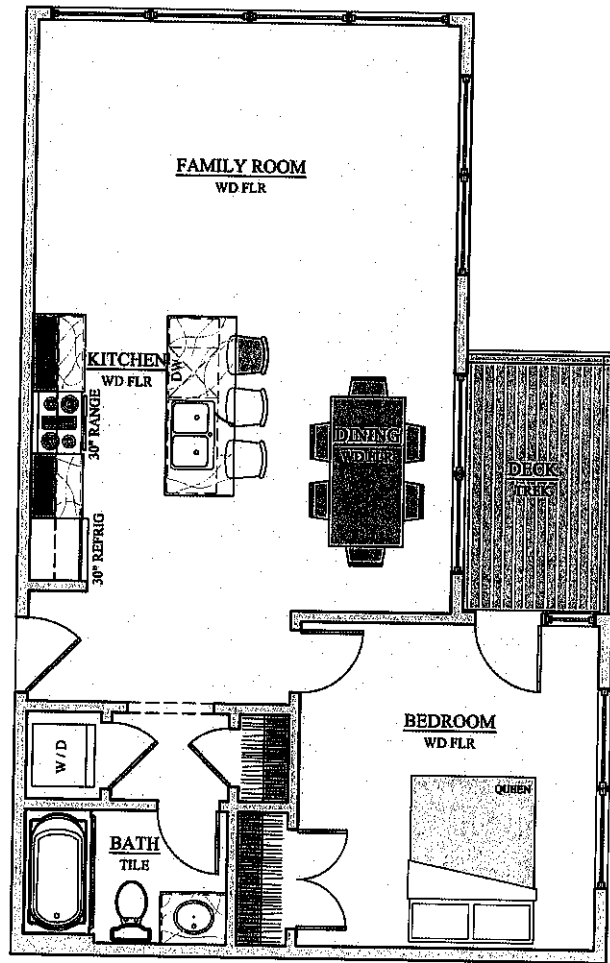
STREET

Proposed Site Plan

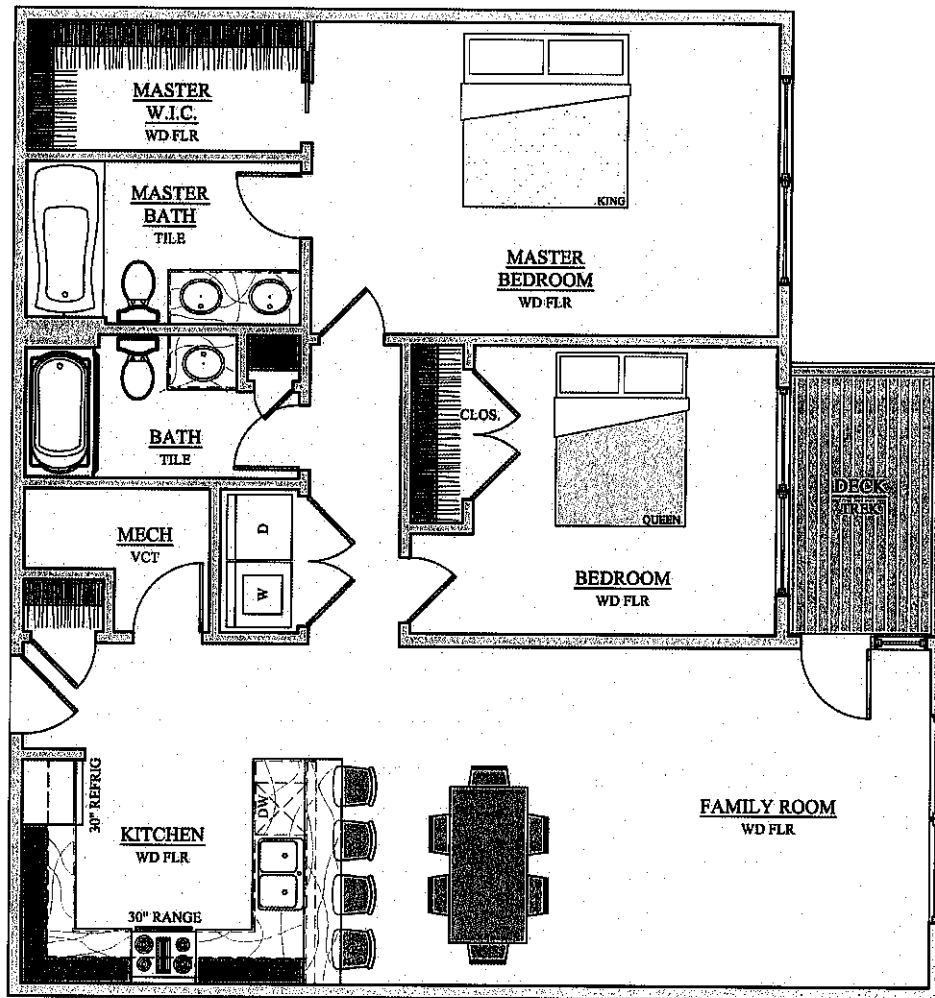




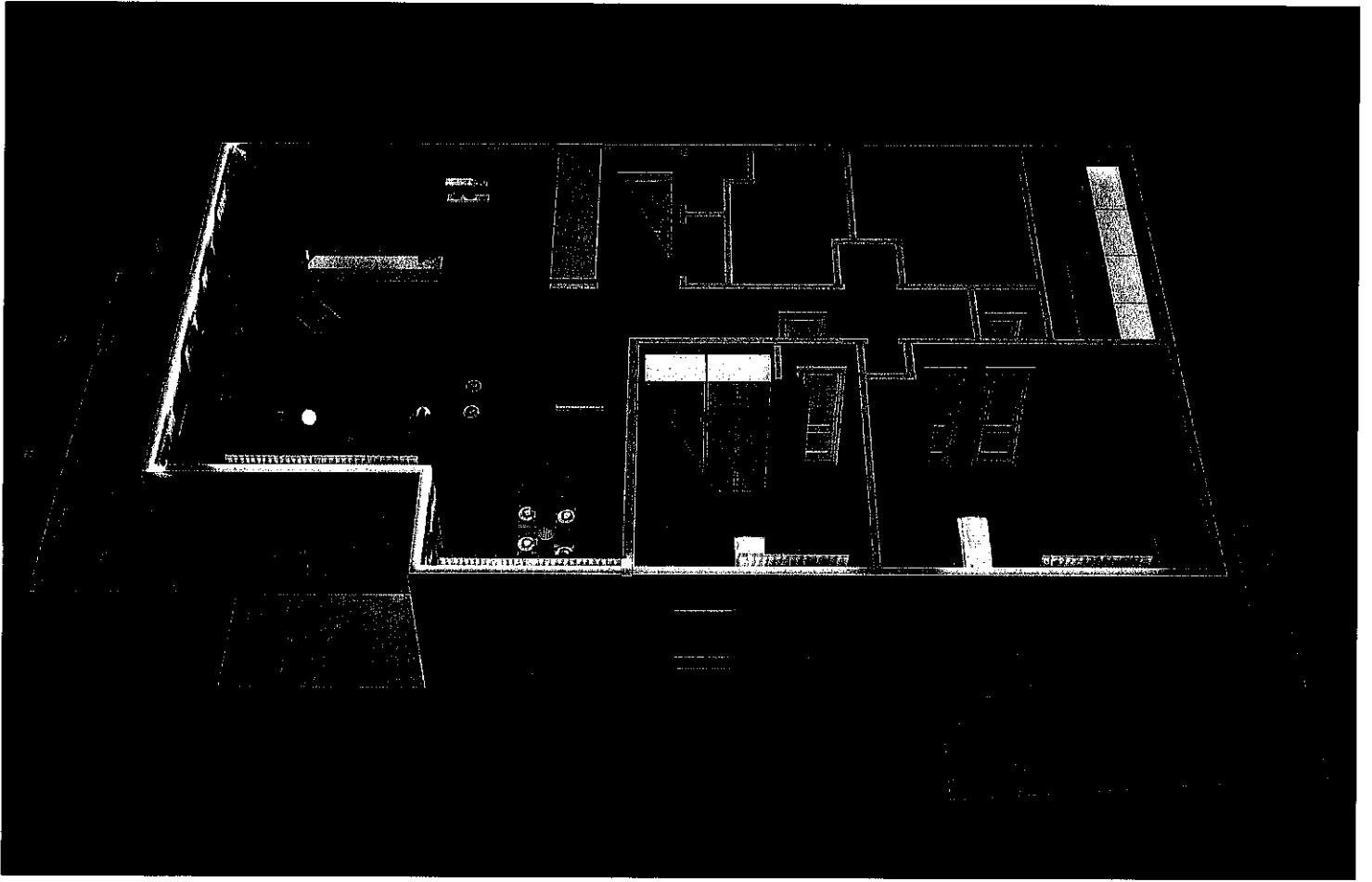




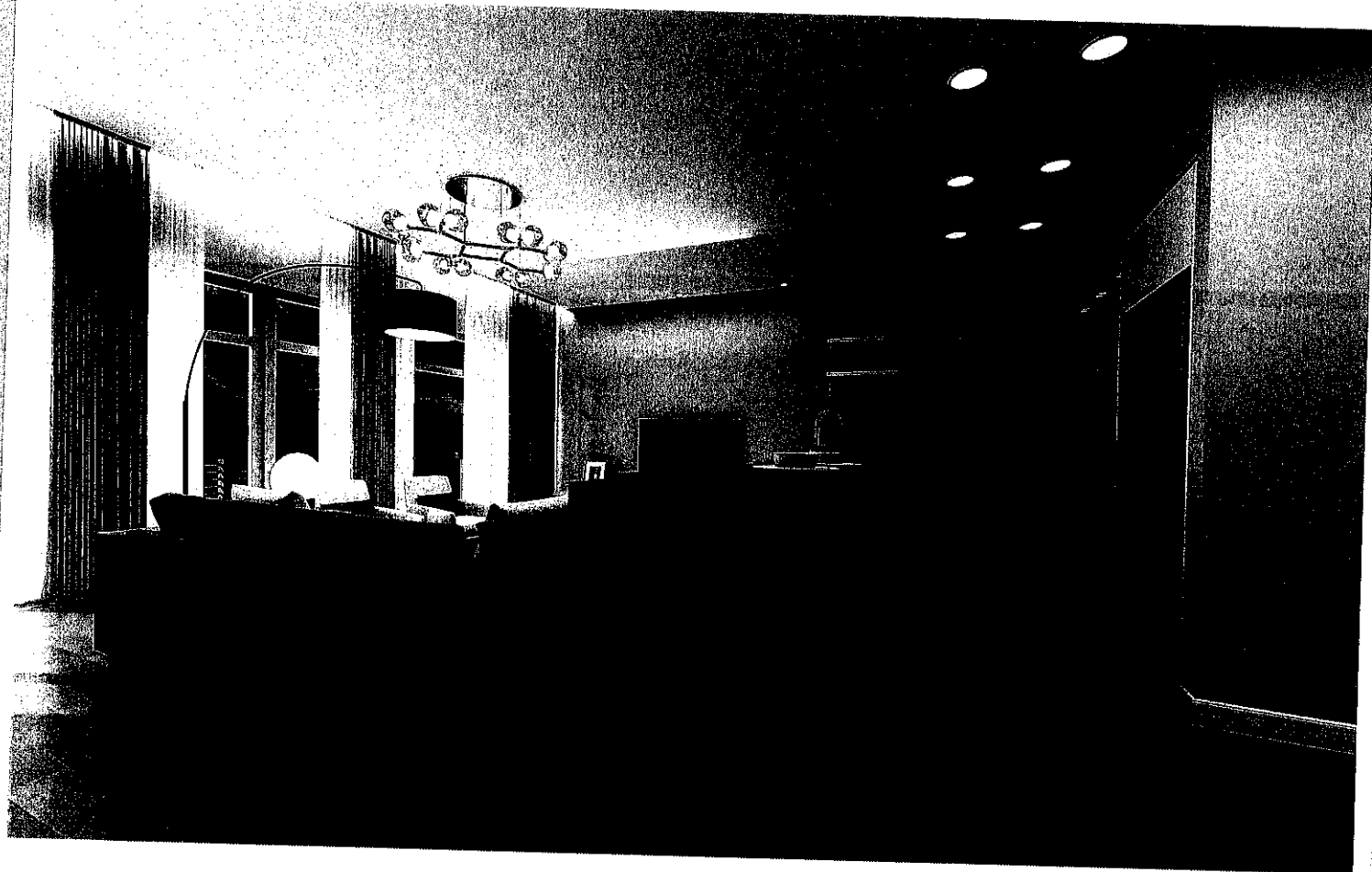
Typical 1-Bedroom Unit

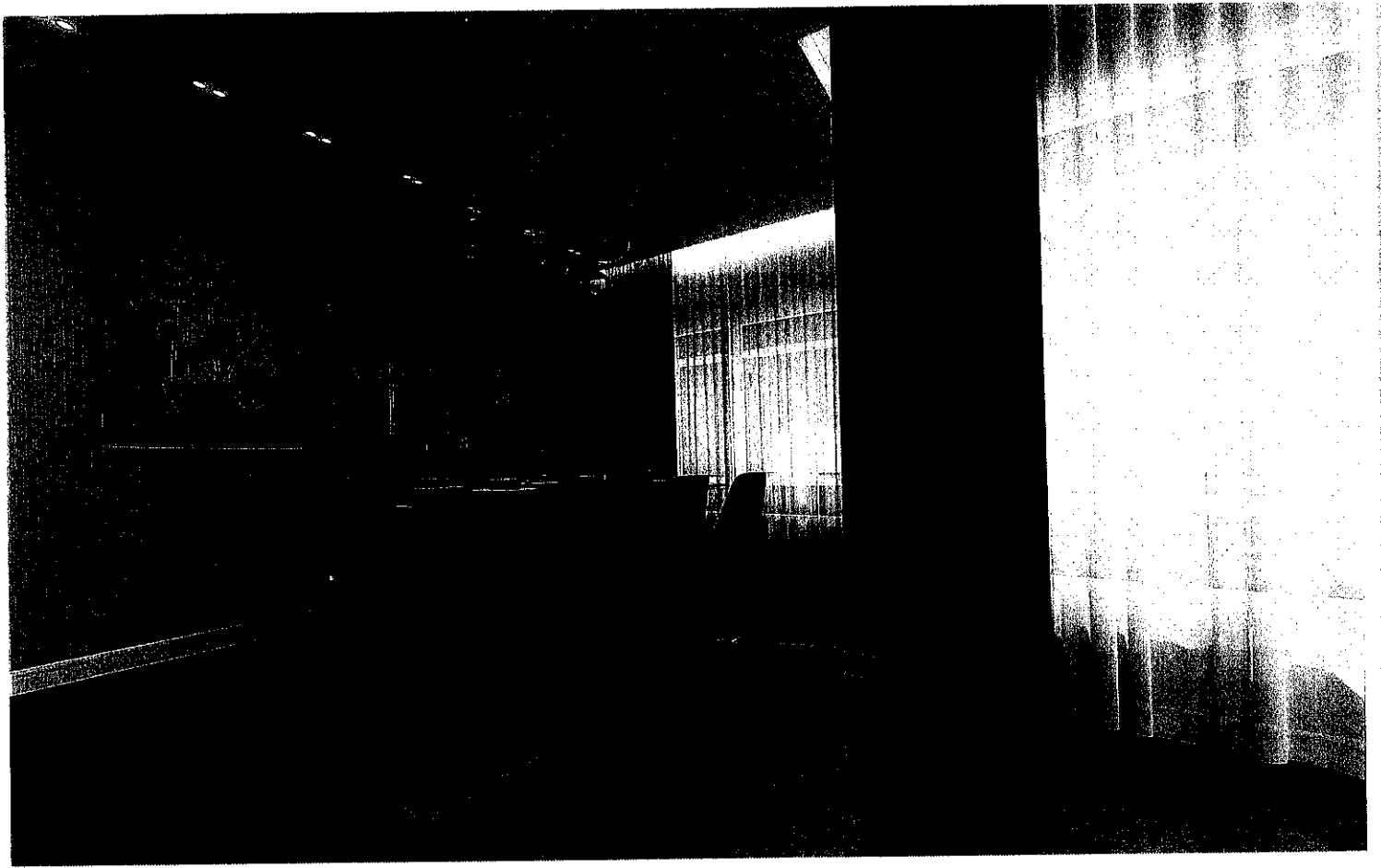


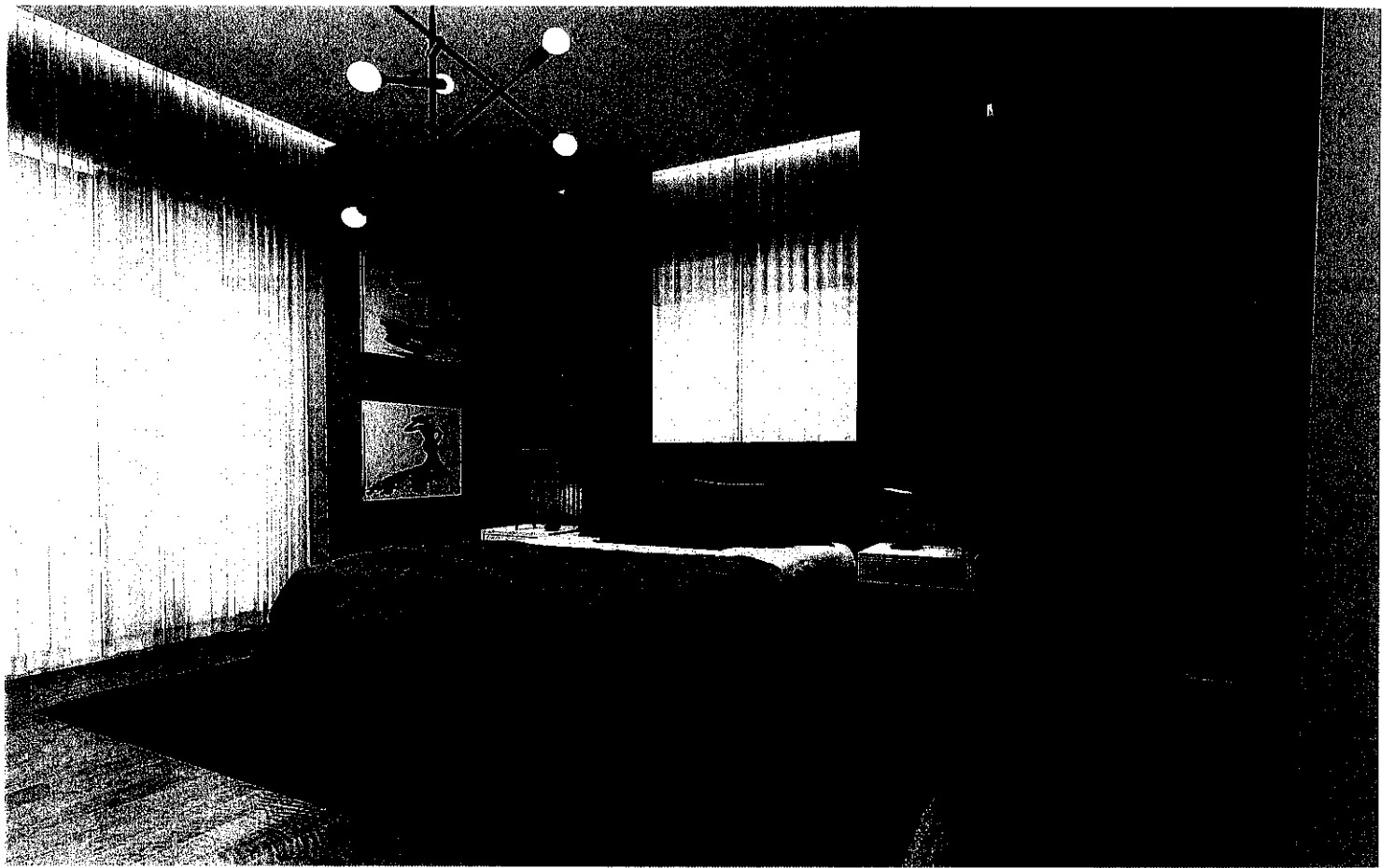
 Typical 2-Bedroom Unit

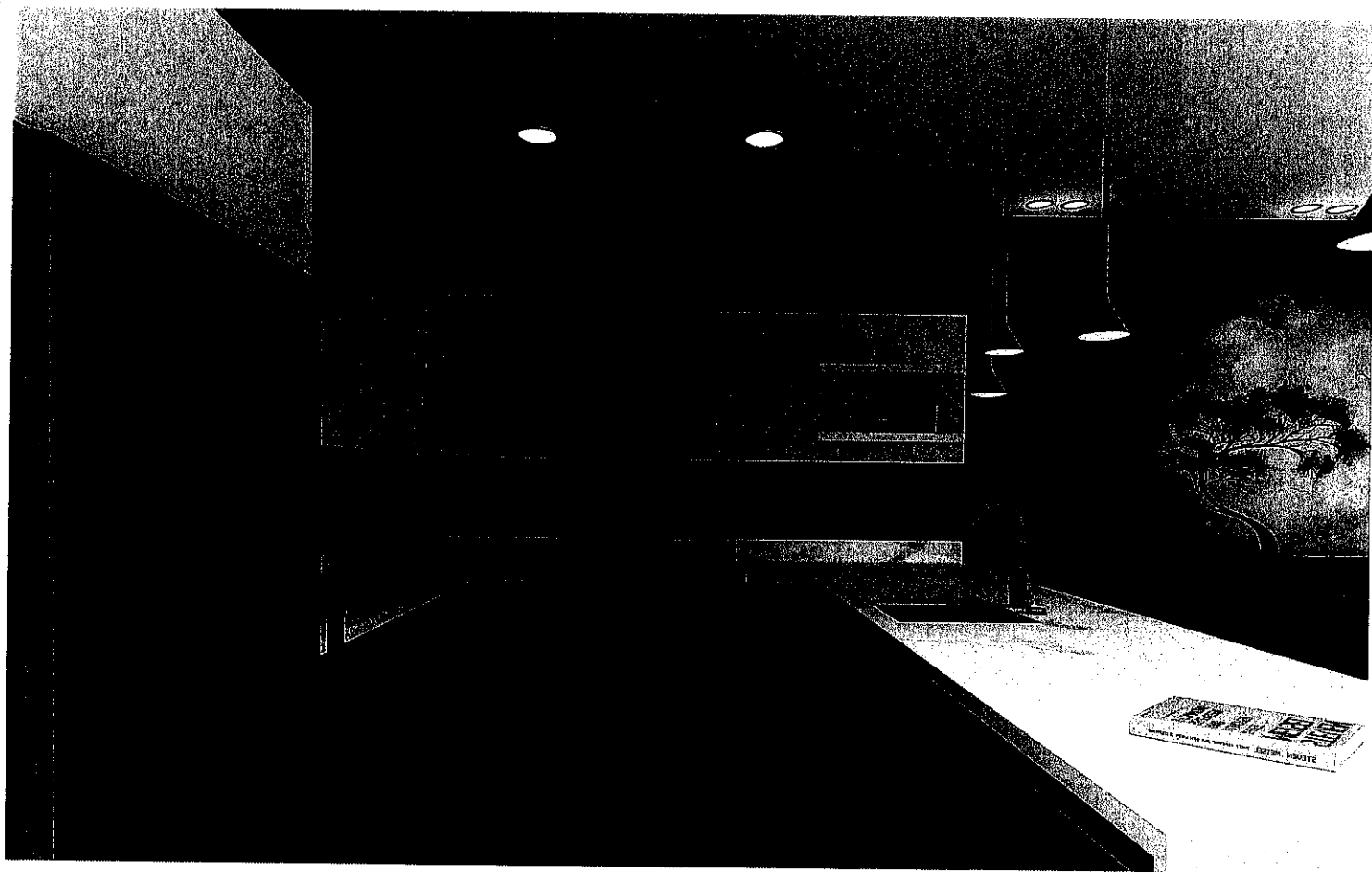


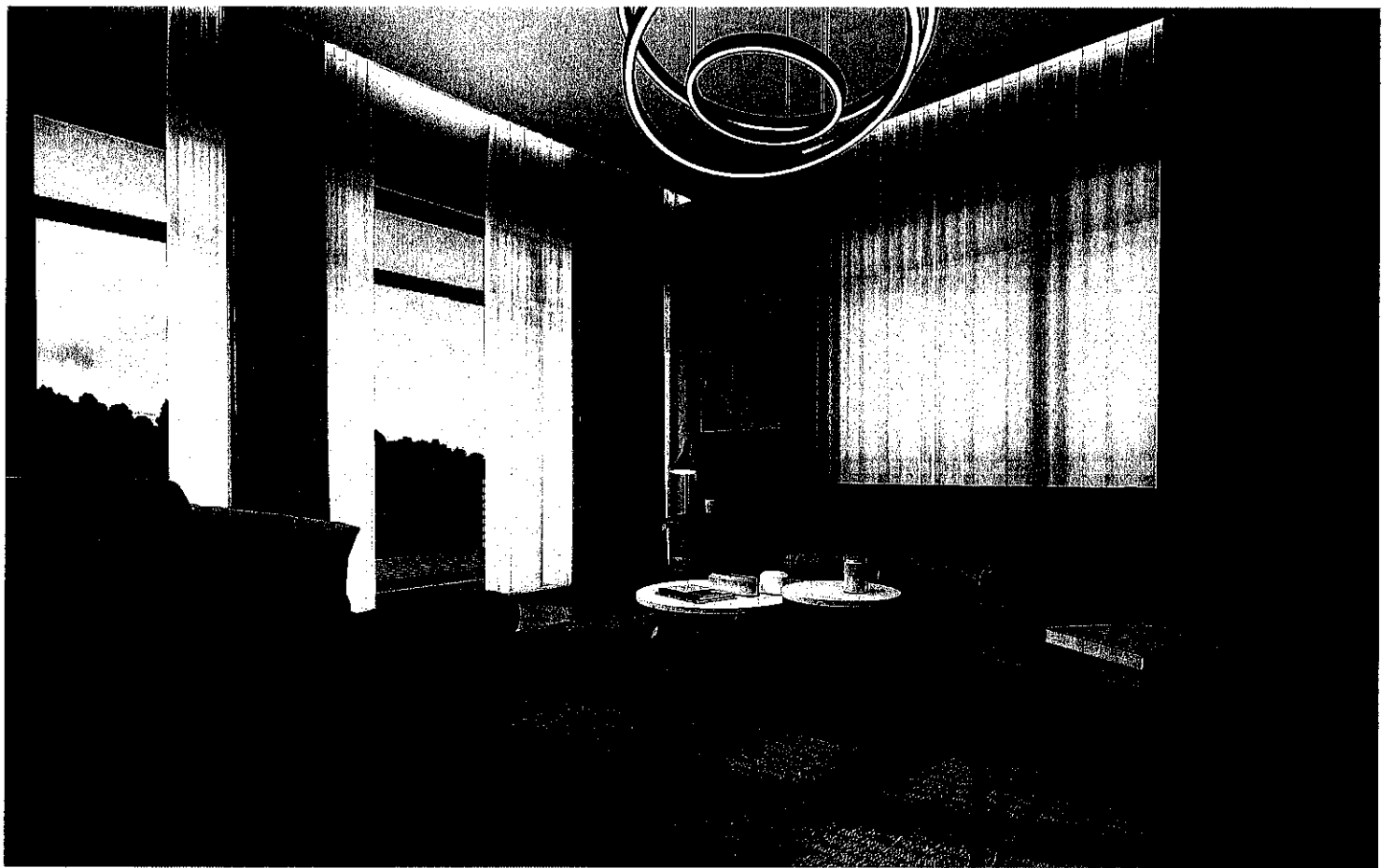


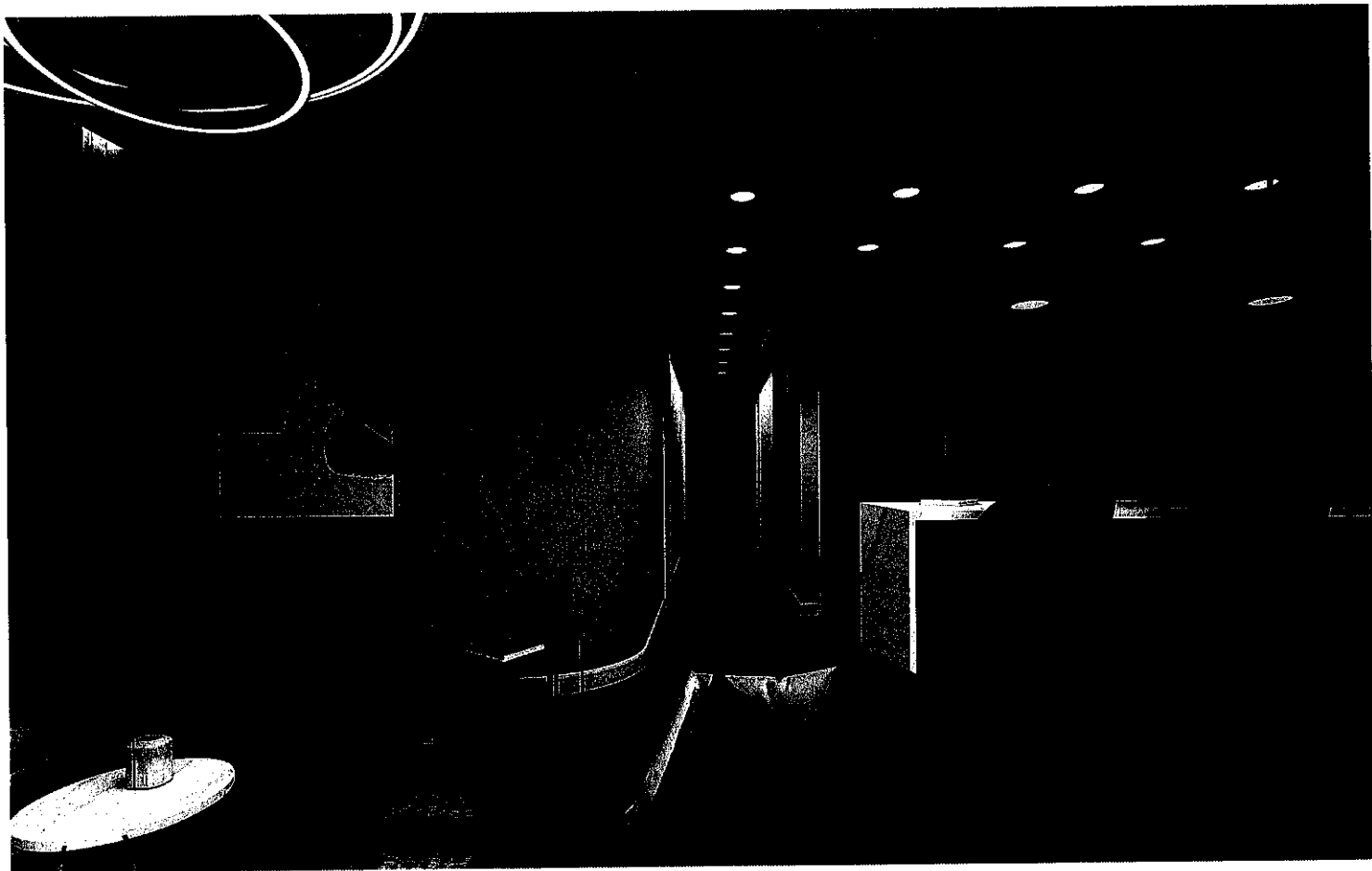






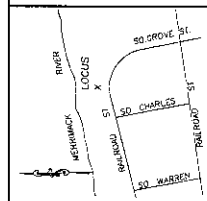






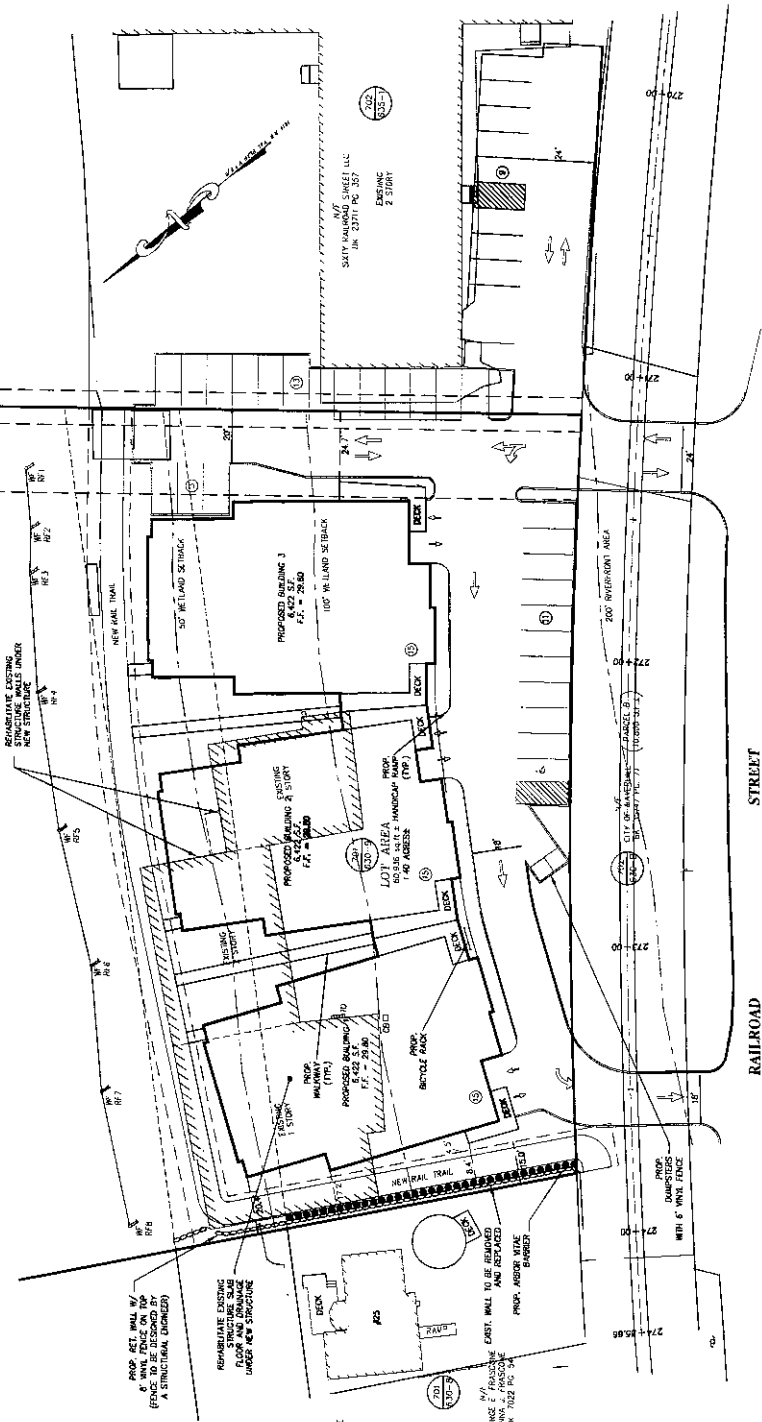


Riverview Condominiums



MERRIMACK RIVER

NEED RIVERFRONT DELINEATION



PARKING SPACE CALC.

1.57
OF SPACES REQUIRED
RESIDENTIAL 1.5 SPACES PER UNIT
OF SPACES REQUIRED = 72
OF SPACES PROVIDED = 81
PARKING REGULATIONS IS RELAXED

ALL PARKING SPACES SHOWN ARE 8' BY 18'. A WALKWAY FROM THE

50 RAILROAD STREET - ACCESSING MAP 701 BLOCK 830 LOT 9

ZONING DISTRICT B1-1 INDUSTRIAL AREA

SEWER & WATER MAINS TO BE REMOVED AND REPLACED

DOWN & PASSENGER

ON 7022 PC 54

PROPOSED WALKWAY

PROPOSED WALKWAY

PROPOSED WALKWAY

PROPOSED WALKWAY

PROPOSED WALKWAY

PROPOSED WALKWAY

PROPOSED WALKWAY

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PROPOSED WALKWAY

PROPOSED WALKWAY

TITLE 5 FLOW CALCULATIONS

(24) 2 HAZARD UNITS

(24) 1 BEDROOM UNITS

TOTAL BEDROOMS = 77

1/2 DINING X 110 CUPB/MEAN = 1,830 CHU

GENERAL NOTES

1. A TURNING ANALYSIS WAS PERFORMED ON THE SITE USING A NAME

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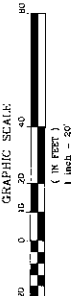
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PREPARED FOR
DOTO REALTY TRUST
100 RAILROAD STREET
HAVERHILL, MA

NO.	DATE	DESCRIPTION	BY	CHKD
1	10/27/20	RESPONSE TO CITY COMMENTS	JTM	
2	11/17/20	RESPONSE TO CITY COMMENTS	JTM	
3	11/17/20	RELIANT STRUCTURE	JTM	

MEI
MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
115 WASHINGTON STREET, 4TH FLOOR
HAVERHILL, MA 01830
TEL: 978.326.1100 FAX: 978.326.1101
WWW.MEINC.COM
PROJECT: M174138
CALC: B.T. 2/1/21
CHKD: B.T. 2/1/21
DATE: JUN 2, 2020
SCALE: 1"=20'
SHEET: 1 OF 1

PLAN OF LAND
IN
HAVERHILL, MA
SHOWING
PROPOSED CONDITIONS
AT
38 RAILROAD STREET
CONCEPT
SITE
PLAN
SHEET: 1 OF 1



600 Unicorn Park Drive σ Woburn, MA 01801
Phone: 781-932-3201 σ Fax: 781-932-3413

MEMORANDUM

TO: Ernie Cioto
FROM: Kenneth P. Cram, P.E.
DATE: August 2, 2019
RE: Proposed Residential Development
38 Railroad Street, Haverhill, MA

This memorandum has been prepared to assess the traffic impact associated with the residential development to be located at 38 Railroad Street in Haverhill, Massachusetts. This assessment builds off the Traffic Impact and Access Study (TIAS) for the approved residential project at 2 Grove Street in Haverhill. The body of this report is included in the Appendix for easy reference. This assessment has reviewed available traffic volume data, developed trip generation projections and prepared this assessment of the potential residential development's impacts.

Review of the Project and its access plan shows that in relation to roadway capacity, traffic safety, and traffic impacts upon the surrounding roadway network, the proposed project will meet safety standards and have a minimal impact on existing traffic conditions. With the proposed access, in conjunction with the mitigation measures described herein, safe and efficient access can be provided to the clientele of the Project and to the motoring public in the area.

PROJECT DESCRIPTION

The parcel of land to be developed is located on the north side of Railroad Street west of South Grove Street. Currently the site consists of several small industrial buildings. Access to the site is provided by way of two unsignalized, full-movement intersections with Railroad Street.

The proposed Project is a residential development that includes three residential buildings, with 18 apartments per building. Fifty-four (54) apartment units are proposed. Access will be provided by way of two driveways to Railroad Street (existing west driveway to be relocated approximately 50 feet to the west). Parking will be provided for 81 vehicles. Figure 1 shows the site in relation to the roadway network.

EXISTING CONDITIONS

Roadway Network

Railroad Street - Railroad Street is a two-lane local street under the jurisdiction of the City of Haverhill. Railroad Street traverses the study area in a general east/west direction from Ferry Street easterly to South Grove Street. The speed limit on Railroad Street is 30 mph. Land use along Railroad Street in the site vicinity consists primarily of residential homes.



Figure 1
Site Location Map

Intersections

The following intersections were analyzed as part of the 2 South Grove Street TIAS:

South Main Street, South Elm Street and Salem Street - South Main Street forms the north and south legs of this four-legged intersection with South Elm Street (west leg) and Salem Street (east leg). The South Main Street northbound approach consists of a shared left/through lane and an exclusive right turn lane. The South Main Street southbound approach consists of an exclusive left turn lane and a shared through/right turn lane. The South Elm Street approach consists of a single lane permitting all movements. The Salem Street approach consists of a shared left/through lane and an exclusive right turn lane. Sidewalks and crosswalks exist on all approaches to the intersection. The intersection is controlled by a traffic signal. Land use in the vicinity of the intersection consists of a park, residential homes and a small antique store.

South Main Street, Ferry Street and South Central Street - South Main Street forms the north and south legs of this four-legged intersection with Ferry Street (northeast leg) and South Central Street (east leg). South Central Street is a



one-way street away from the intersection. The South Main Street northbound approach consists of a single lane permitting through and right turn movements. The South Main Street southbound approach consists of a shared left turn lane and through lane. Sidewalks and crosswalks exist on all approaches to the intersection. The intersection is controlled by a traffic signal. Land use in the vicinity of the intersection consists of commercial properties.

Ferry Street and South Kimball Street - South Kimball Street intersects Ferry Street from the east to form this unsignalized, three-legged intersection. The Ferry Street approaches each consist of single thorough lanes that permit right or left-turns. The South Kimball Street approach consists of a single lane that permits left or right-turns and is under STOP-sign control. Land use in the vicinity of the intersection consists of residential homes, a small retail plaza and a small office building.

South Kimball Street and South Grove Street - South Grove Street intersects South Kimball Street from the north and south to form this four-legged unsignalized intersection. All approaches to the intersection consists of single lanes permitting all turning movements. The South Grove Street approaches are under stop sign control. Sidewalks exist on all approaches to the intersection. Land use in the vicinity of the intersection consists of residential homes.

South Grove Street, Railroad Street and Cole Avenue -

Railroad Street intersects South Grove Street from the west and Cole Avenue intersects from the east to form this three-legged unsignalized intersection. All approaches to the intersection consists of single lanes permitting all turning movements. Access to the existing 60 Railroad Street intersection is at the end of Railroad Street and access to 2 South Grove Street (Bradford Welding) is just north of Cole Avenue. Land use in the vicinity of the intersection consists of residential homes, the existing Bradford Welding building and the existing 60 Railroad Street building.

Salem Street and Peabody Street - Peabody Street intersects Salem Street from the north to form this unsignalized, three-legged intersection. The Salem Street approaches each consist of single through lanes that permit right or left-turns. The Peabody Street approach consists of a single lane that permits left or right-turns and is under STOP-sign control. Land use in the vicinity of the intersection consists of residential homes.

Traffic Volumes

Traffic volumes for this assessment were taken from the TIAS for 2 South Grove Street. The 2016 Existing, 2023 No-Build and 2023 Build traffic flow networks are contained in the Appendix.

Crash Experience

Motor vehicle crash data for the study area intersections and roadways were obtained from MassDOT for 2013 through 2017, the most recent five-year period for which crash data is available. The motor vehicle crash data was reviewed to determine crash trends in the study area. Thirty-six (36) crashes were reported during the five year interval at the study area intersections as summarized in Table 1. The crash data is included in the Appendix.



TABLE 1
MOTOR VEHICLE CRASH DATA SUMMARY^a

Scenario	Location						
	South Kimball Street and Grove Street	South Kimball Street, Pond Street and Cole Avenue and Grove Street	South Grove Street and Cole Avenue	Railroad Street and South Grove Street	Salem Street and Peabody Street	South Main Street, South Elm Street and Salem Street	South Main Street, Ferry Street and South Central Street
<i>Year^b:</i>							
2013	1	0	0	0	0	2	2
2014	0	0	0	0	1	11	2
2015	0	0	0	0	0	7	1
2016	0	0	0	0	0	5	0
2017	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>0</u>
Total	1	0	0	0	1	29	5
Average ^b	0.2	0.0	0.0	0.0	0.2	5.8	1.0
Crash Rate ^c	0.40	0.0	0.0	0.0	0.05	0.74	0.15
Significant ^d	No	No	No	No	No	No	No
<i>Type:</i>							
Angle	1	0	0	0	1	12	1
Rear-End	0	0	0	0	0	5	2
Sideswipe	0	0	0	0	0	6	1
Head-On	0	0	0	0	0	2	0
Single Vehicle Crash	0	0	0	0	0	4	1
Unknown	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	1	0	0	0	1	29	5
<i>Time of Day:</i>							
Morning (7:00 to 9:00 AM)	0	0	0	0	0	3	1
Evening (4:00 to 6:00 PM)	1	0	0	0	0	4	0
Remainder of Day	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>22</u>	<u>4</u>
Total	1	0	0	0	1	29	5
<i>Pavement Conditions:</i>							
Dry	1	0	0	0	0	18	3
Wet	0	0	0	0	0	9	0
Snow/Ice/Slush	0	0	0	0	1	2	2
Unknown/Other	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	1	0	0	0	1	29	5
<i>Severity:</i>							
Property Damage Only	1	0	0	0	0	22	5
Personal Injury	0	0	0	0	1	7	0
Fatal Accident	0	0	0	0	0	0	0
Unknown	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	1	0	0	0	1	29	5

^aSource: MassDOT Safety Management/Traffic Operations Unit records.

^bAverage crashes over analysis period.

^cCrash rate per million entering vehicles (mev).

^dSignalized intersections are significant if rate >0.77 crashes per million vehicles, and unsignalized intersections are significant if rate >0.58 crashes per million vehicles.

NC = Not Calculated.



Most of the crashes occurred at the intersection of South Main Street, South Elm Street and Salem Street (29 crashes) and at the intersection of South Main Street, Ferry Street and South Central Street (5 crashes). Compared to the five year period assessed in the 2 South Grove Street TIAS, crashes have decreased in the most recent five year period assessed.

FUTURE CONDITIONS

Background Traffic Growth

Research was performed to determine the historic growth rate for traffic in the study area as well as other planned developments that may affect traffic within the study area for the proposed project. The Merrimack Valley Planning Commission (MVPC) was contacted to determine regional growth for Haverhill and the surrounding area. Based on this data, growth is expected to occur at a rate of 0.75 to 1.0 percent per year. To provide a conservative analysis, a background growth rate of 1.0 percent per year was applied.

Specific Development by Others

Traffic volumes generated by the specific local developments by others were included in the 2023 No-Build condition. The City of Haverhill was contacted to identify specific planned developments. Based on these discussions, there are three developments within the area that would affect the traffic volumes. The first is the Harbor Place development, a mixed-use commercial development located northwest of the site. The project consists of retail/restaurant space, office space and space to be leased by UMASS for educational purposes. Traffic projections were obtained using the Institute of Transportation (ITE) *Trip Generation* manual¹.

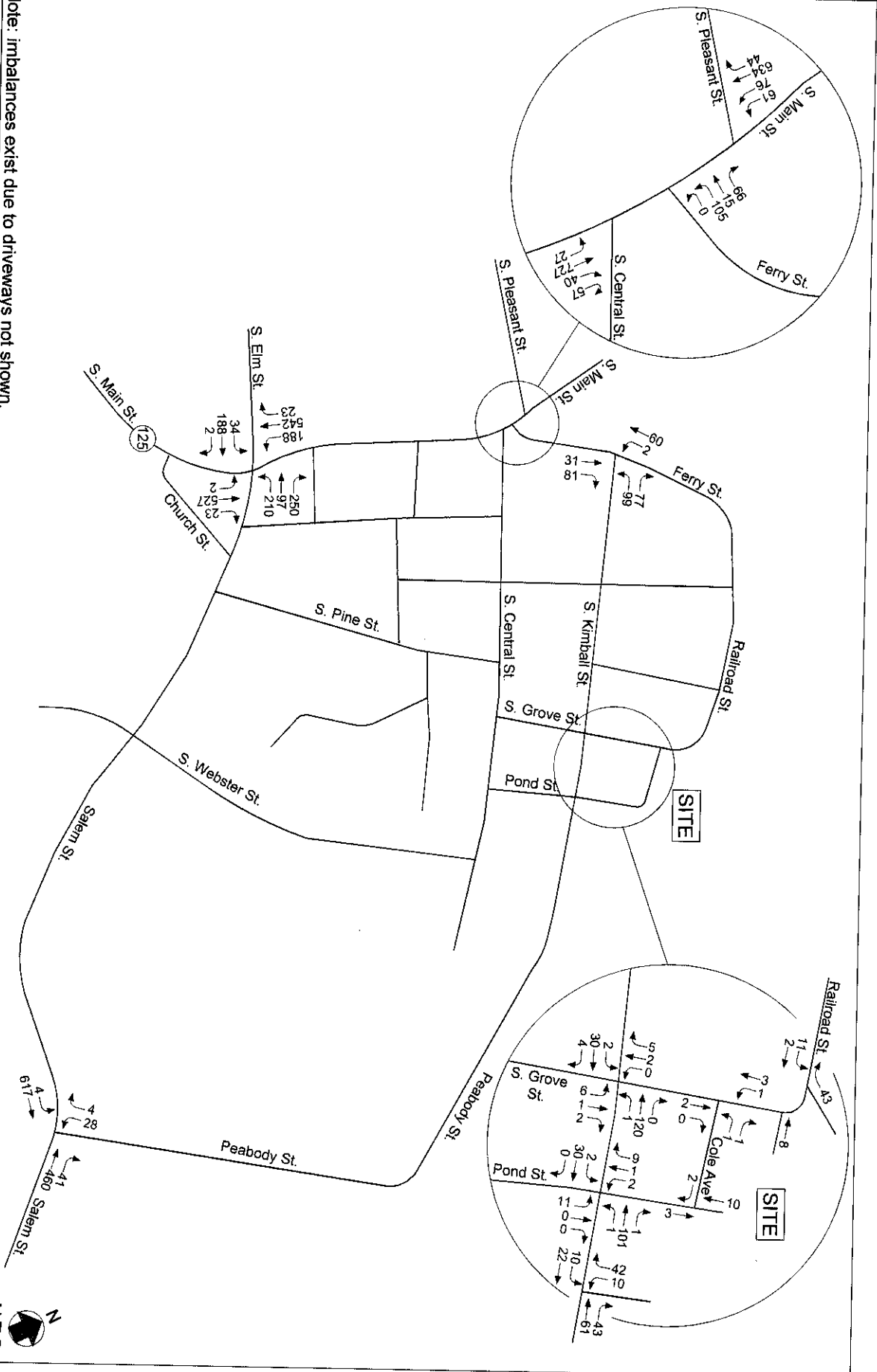
The second is a potential residential project also to be located in Bradford. Up to 236 residential apartments are contemplated. Projected traffic volumes were developed using trip generation data for Land Use Code (LUC) 220 – Apartments published in the ITE *Trip Generation* manual².

The third is the 2 South Grove Street residential project to be located in Bradford. Up to 60 residential apartments are to be constructed. Projected traffic volumes were developed using trip generation data from the 2 South Grove Street TIAS.

The 2023 No-Build weekday morning and weekday evening peak-hour traffic volumes were developed by applying a compounded one (1.0) percent annual growth rate to the 2016 Existing peak-hour traffic volumes and adding traffic from the identified background projects. Figures 2 and 3 show the projected 2023 No-Build peak hour traffic volumes for the weekday morning and weekday evening peak-hour conditions.

¹Ibid.

²Ibid.



Note: imbalances exist due to driveways not shown.

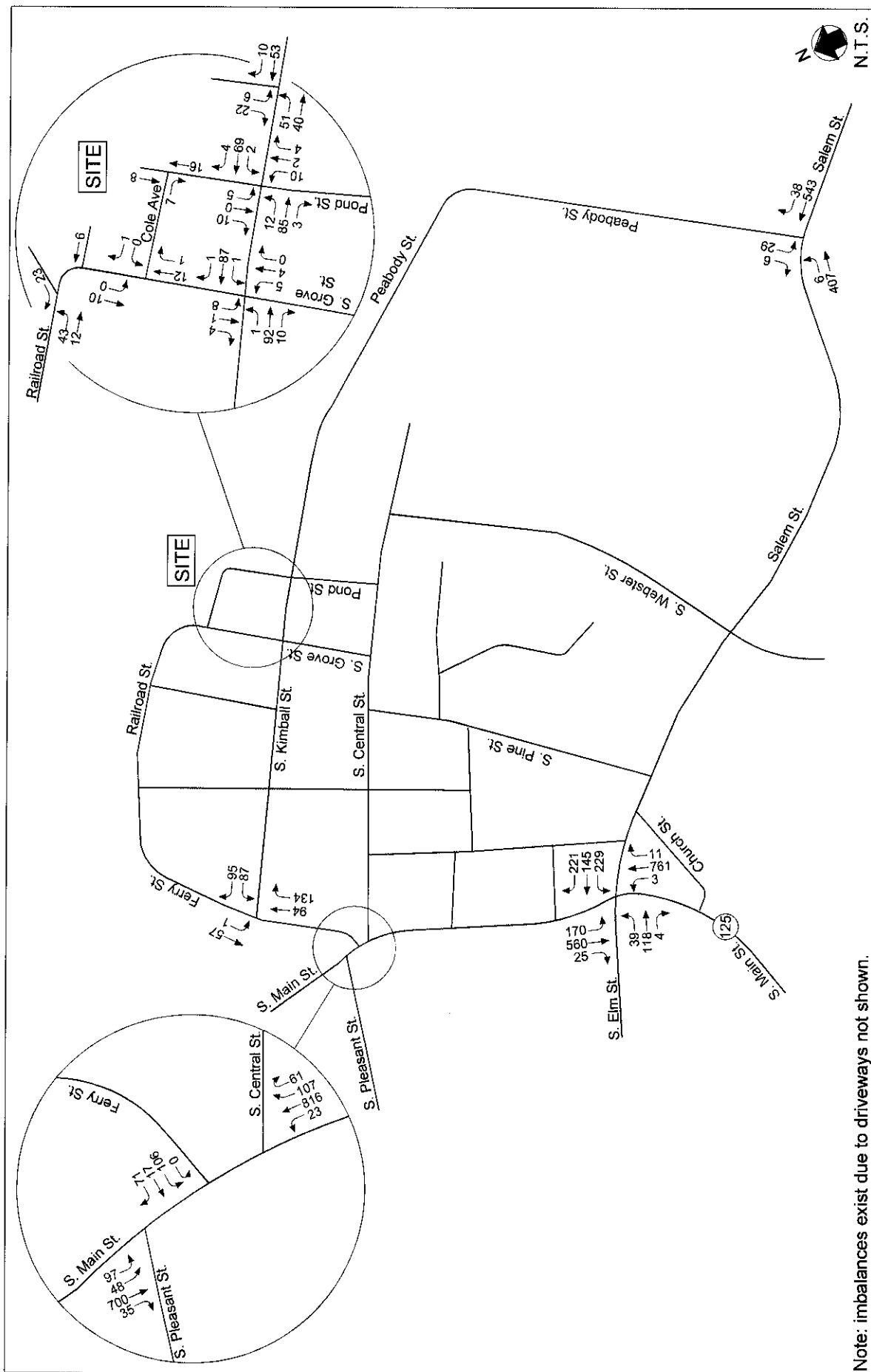


38 Railroad Street
Haverhill, MA

600 Unicorn Park Drive ▲ Woburn, MA 01801
Phone: 781.932.3201 ▲ Fax: 781.932.3413
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Figure 2
2023 No-Build
Weekday Morning
Peak Hour Traffic Volumes





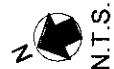
Note: imbalances exist due to driveways not shown.



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38 Railroad Street Haverhill, MA

Figure 3
2023 No-Build
Weekday Evening
Peak Hour Traffic Volumes





Site Traffic Generation

Site generated traffic for the residential development was based on trip-generation data published by the Institute of Transportation Engineers (ITE) in the *Trip Generation* manual³. Trip generation data for Land Use Codes (LUC) 221 – Multifamily Housing (Mid-Rise) was reviewed. The expected trip generation is summarized in Table 2.

TABLE 2
PEAK HOUR TRIP-GENERATION

	<u>New Trips^a</u>
<i>Daily</i>	292
<i>Weekday Morning Peak Hour:</i>	
Entering	5
Exiting	<u>14</u>
Total	19
<i>Weekday Evening Peak Hour:</i>	
Entering	15
Exiting	<u>10</u>
Total	25

^aBased on ITE LUC 221 – 54 dwelling units.

During the weekday morning peak hour, the residential development is expected to generate approximately 19 vehicle trips (5 vehicles entering and 14 vehicles exiting). During the weekday evening peak hour, the residential development is expected to generate a total of 25 vehicle trips (15 vehicles entering and 10 vehicles exiting).

Trip Distribution

The directional distribution of the vehicular traffic approaching and departing the site is a function of population densities, the location of employment, existing travel patterns, similar uses, and the efficiency of the existing roadway system. Table 3 summarizes the expected trip distribution.

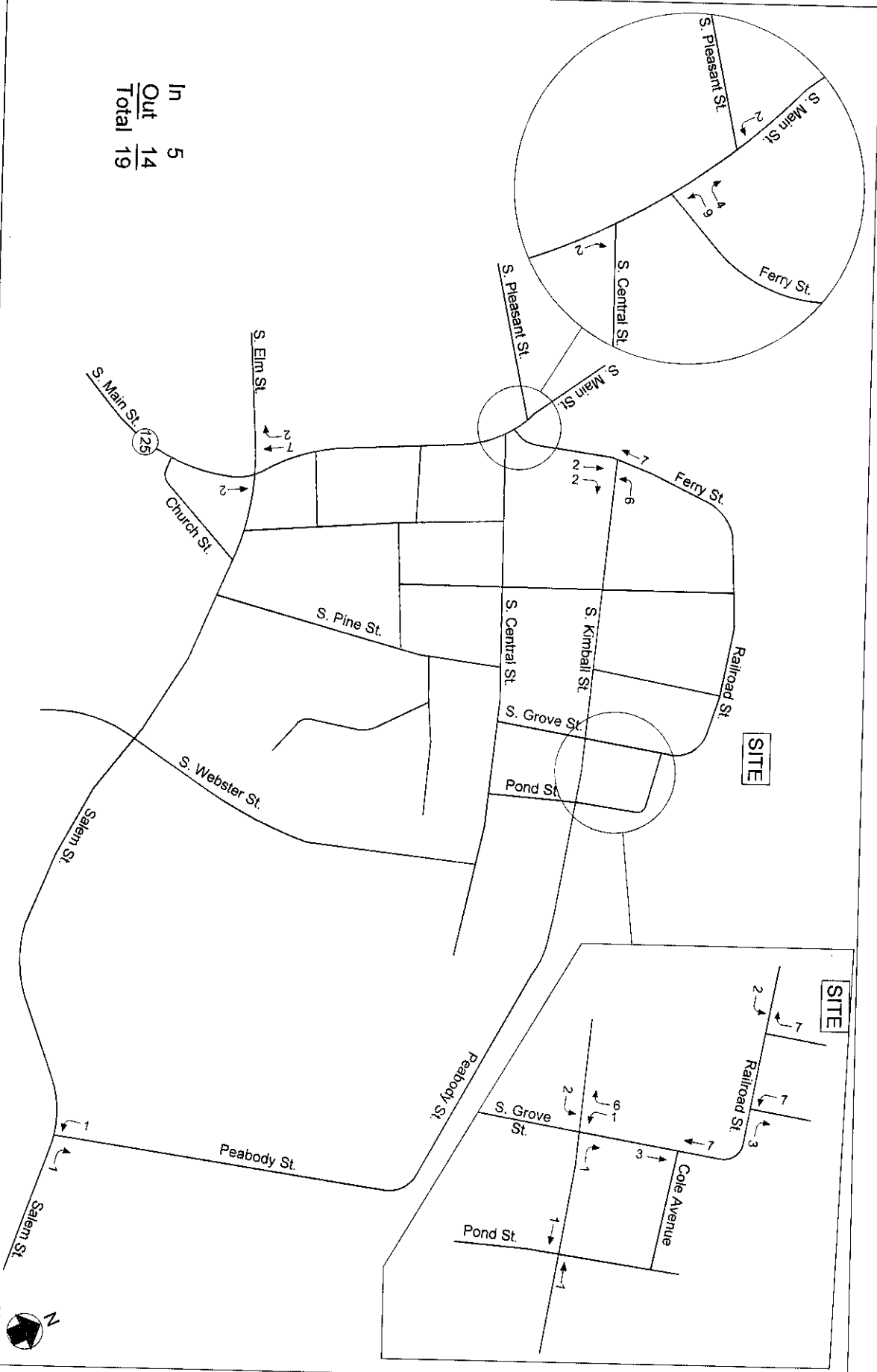
³*Trip Generation*, Tenth Edition; Institute of Transportation Engineers; Washington, DC; 2017.

TABLE 3
TRIP DISTRIBUTION

Route	Direction	Percent of Residential Trips
South Main Street	North	31
South Main Street	South	49
Salem Street	East	11
South Elm Street	West	<u>9</u>
TOTAL		100

Future Build Conditions

The site-generated traffic was distributed within the study area according to the percentages summarized in Table 3. The site generated volumes for the Project are shown on Figures 4 and 5 for the respective weekday morning and evening peak hours. The site generated traffic volumes for the Project were then superimposed onto the 2023 No-Build traffic flow network and are shown on Figures 6 and 7 for the respective 2023 Build weekday morning and weekday evening peak hours. These volumes were used as the basis for all analysis as well as to identify potential mitigation measures to ameliorate the project's impacts.

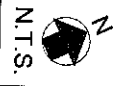


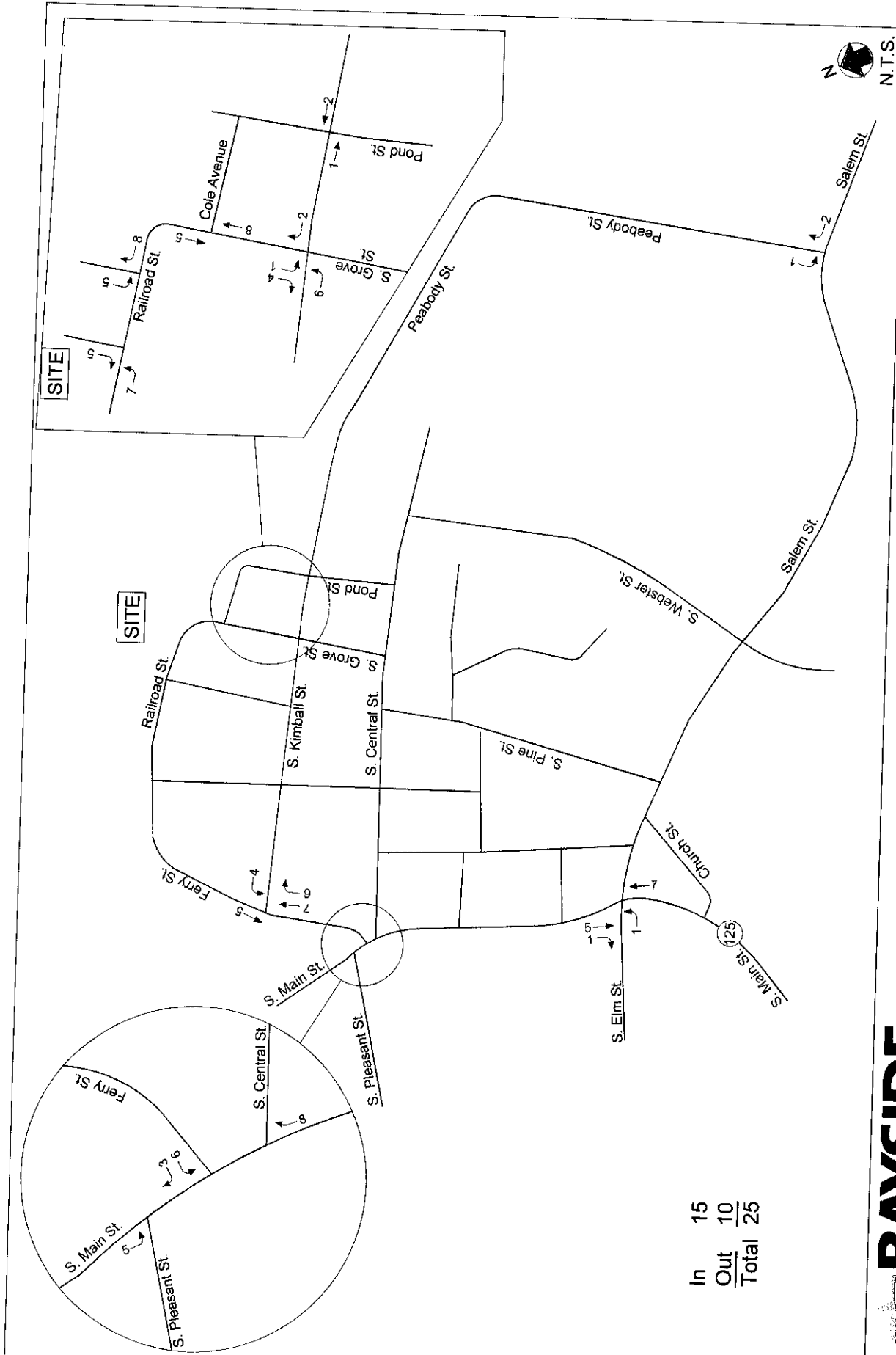
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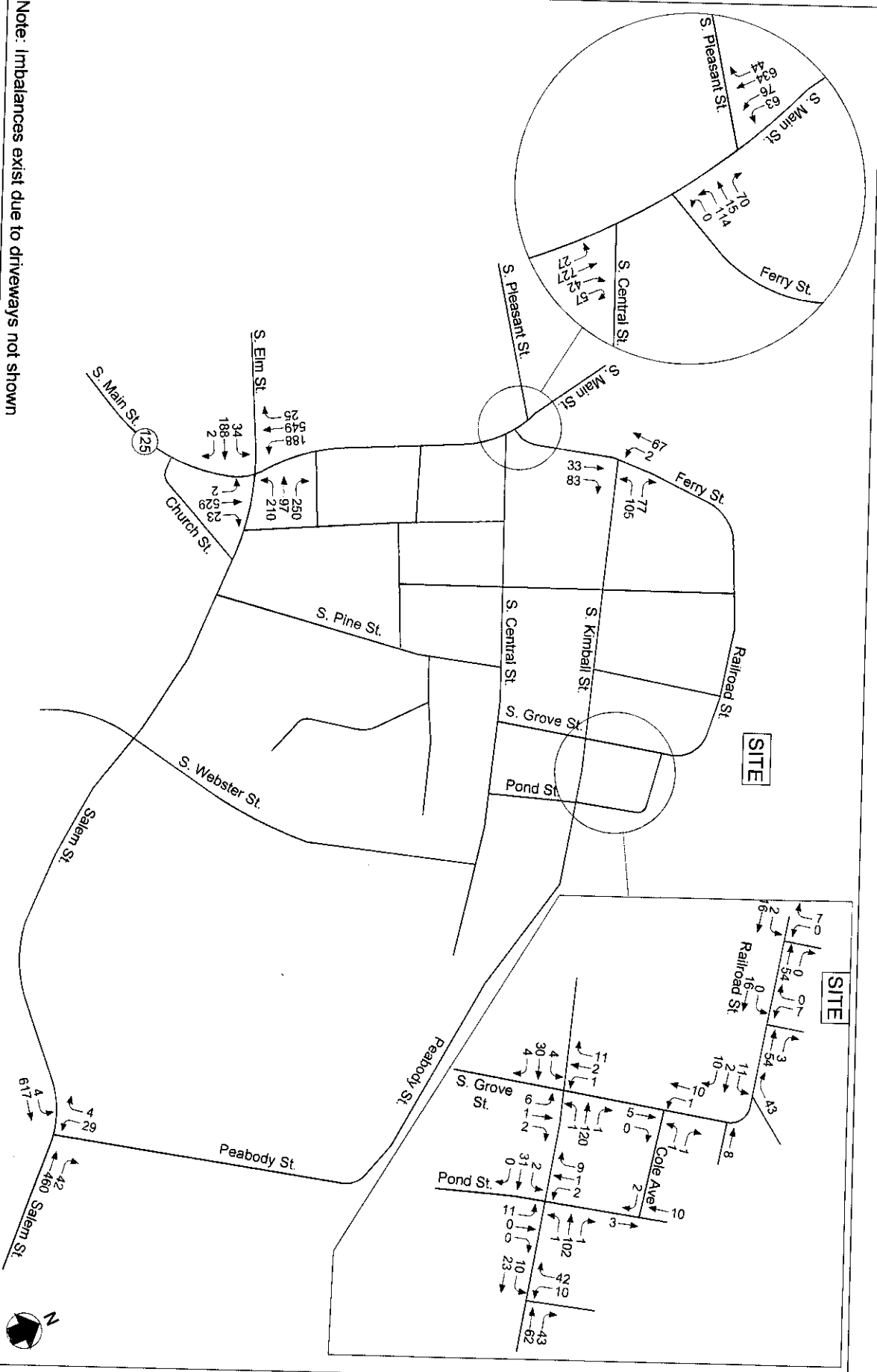
38 Railroad Street
 Haverhill, MA

Figure 4

Site Generated
 Weekday Morning
 Peak Hour Traffic Volumes







Note: Imbalances exist due to driveways not shown



38 Railroad Street
Haverhill, MA

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Figure 6
2023 Build
Weekday Morning
Peak Hour Traffic Volumes





CAPACITY ANALYSIS RESULTS

To assess intersection operations, capacity analyses were conducted for Existing, No-Build, and Build traffic-volume conditions. Capacity analyses provide an indication of how well the study area intersections serve existing and projected traffic volumes. Vehicle queue analyses provide a secondary measure of the operational characteristics of an intersection or section of roadway under study in terms of lane use and demand. The level-of-service definitions are contained in the Appendix.

Level-of-service analyses were conducted for average month conditions for 2016 Existing, 2023 No-Build and 2023 Build conditions for the intersections within the study area. The results of the signalized capacity analyses are summarized in Table 4. The results of the unsignalized analyses are summarized in Table 5. The detailed analysis sheets are presented in the Appendix.

The critical movements at all of the unsignalized intersections within the study area are expected to operate without capacity constraints (LOS D or better) during the weekday morning and weekday evening day peak hours. These critical movements are expected to continue to operate without significant delays during the peak hours with the addition of site-generated traffic.

At the signalized intersection of South Main Street, South Elm Street and Salem Street, the intersection is projected to operate at acceptable levels of service under existing conditions. Under future No-Build conditions, the intersection is projected to operate at level of service E or better (near capacity) during the peak hours. The addition of site-generated traffic will not significantly impact intersection operations at this signalized intersection as there is no change in overall level of service from No-Build to Build conditions.

At the signalized intersection of South Main Street, Ferry Street and South Central Street, the intersection is projected to operate at good levels of service under existing conditions as well as future no build and build conditions. The addition of site-generated traffic will not significantly impact intersection operations at this signalized intersection.



TABLE 4
SIGNALIZED LEVEL-OF-SERVICE ANALYSIS SUMMARY

Signalized Intersection/ Peak Hour/Lane Group	2016 Existing			2023 No-Build			2023 Build		
	V/C ^a	Delay ^b	LOS ^c	V/C	Delay	LOS	V/C	Delay	LOS
<i>South Main Street, South Elm Street and Salem Street</i>									
Weekday Morning									
Eastbound Lt/TH/RT	0.49	29.8	C	0.58	28.5	C	0.58	28.5	C
Westbound LT/TH	0.96	72.9	E	1.05	94.7	F	1.05	94.7	F
Westbound RT	0.44	5.2	A	0.22	23.7	C	0.22	23.7	C
Northbound LT/TH	0.70	31.3	C	0.89	44.0	D	0.89	44.3	D
Northbound RT	0.07	0.3	A	0.03	18.9	B	0.03	18.9	B
Southbound LT	0.61	18.9	B	0.87	42.3	D	0.87	43.4	D
Southbound TH/RT	0.57	17.0	B	0.73	21.1	C	0.74	21.7	C
Overall	--	28.5	C	--	39.9	D	--	40.2	D
Weekday Evening									
Eastbound Lt/TH/RT	0.52	32.1	C	0.68	32.3	C	0.70	33.4	C
Westbound LT/TH	1.01	80.7	F	1.08	99.3	F	1.09	100.2	F
Westbound RT	0.33	4.9	A	0.15	21.6	C	0.15	21.6	C
Northbound LT/TH	0.95	53.9	D	1.13	103.1	F	1.14	107.2	F
Northbound RT	0.02	0.1	A	0.01	17.2	B	0.01	17.2	B
Southbound LT	0.62	25.9	C	0.69	27.3	C	0.69	27.3	C
Southbound TH/RT	0.56	16.8	B	0.72	19.9	B	0.73	20.2	C
Overall	--	40.5	D	--	60.6	E	--	62.2	E
<i>South Main Street, Ferry Street and South Central Street</i>									
Weekday Morning									
Westbound LT/TH/RT	0.51	17.2	B	0.76	57.0	E	0.79	60.0	E
Northbound LT/TH/RT	0.71	15.9	B	0.98	45.2	D	0.99	49.5	D
Southbound LT	0.47	5.8	A	0.91	65.7	E	0.97	83.3	F
Southbound TH/RT	0.47	4.0	A	0.56	7.3	A	0.57	7.8	A
Overall	--	10.2	B	--	35.4	D	--	39.8	D
Weekday Evening									
Westbound LT/TH/RT	0.69	32.5	C	0.79	57.6	E	0.81	59.6	E
Northbound LT/TH/RT	0.80	22.4	C	1.10	80.2	F	1.12	89.6	F
Southbound LT	0.42	7.6	A	0.83	56.9	E	0.86	61.4	E
Southbound TH/RT	0.43	5.2	A	0.55	7.6	A	0.56	8.0	A
Overall	--	16.6	B	--	52.3	D	--	57.6	E

^aVolume-to-capacity ratio.

^bDelay in seconds per vehicle.

^cLevel of service.

Lt = Left; Th = Through; Rt = Right.

TABLE 5
UNSIGNALIZED LEVEL-OF-SERVICE ANALYSIS SUMMARY

Critical Movement/ Peak Hour	2016 Existing				2023 No-Build				2023 Build			
	Demand ^a	V/C ^b	Delay ^c	LOS ^d	Demand	V/C	Delay	LOS	Demand	V/C	Delay	LOS
Ferry Street and South Kimball Street												
<i>All-turn movements from South Kimball Street</i>												
Weekday Morning	118	0.18	9.7	A	176	0.31	11.4	B	182	0.33	11.7	B
Weekday Evening	144	0.20	10.0	B	182	0.32	12.1	B	186	0.34	12.4	B
Railroad Street and West Site Driveway												
<i>All movements from South Grove Street</i>												
Weekday Morning	-	-	-	-	-	-	-	-	7	0.01	8.6	A
Weekday Evening	-	-	-	-	-	-	-	-	5	0.01	8.5	A
Railroad Street and East Site Driveway												
<i>All movements from Cole Avenue</i>												
Weekday Morning	-	-	-	-	-	-	-	-	7	0.01	8.9	A
Weekday Evening	-	-	-	-	-	-	-	-	5	0.01	9.1	A
South Kimball Street and South Grove Street												
<i>All movements from South Grove Street Northbound</i>												
Weekday Morning	9	0.02	9.7	A	9	0.02	10.4	B	9	0.02	10.6	B
Weekday Evening	9	0.02	10.2	B	9	0.03	11.4	B	9	0.03	12.1	B
<i>All movements from South Grove Street Southbound</i>												
Weekday Morning	7	0.01	9.2	A	7	0.02	9.7	A	14	0.03	9.7	A
Weekday Evening	12	0.03	9.6	A	13	0.04	10.5	B	18	0.06	10.7	B
South Kimball Street, Pond Street and Cole Avenue												
<i>All movements from Cole Avenue</i>												
Weekday Morning	2	0.01	10.3	B	12	0.07	10.6	B	12	0.07	10.6	B
Weekday Evening	7	0.02	9.2	A	15	0.05	10.1	B	15	0.05	10.1	B
South Grove Street and Cole Avenue												
<i>All movements from Cole Avenue</i>												
Weekday Morning	2	0.01	8.5	A	2	0.01	8.5	A	2	0.01	8.6	A
Weekday Evening	1	0.01	9.3	A	1	0.01	9.3	A	1	0.01	9.4	A
Salem Street and Peabody Street												
<i>All movements from Peabody Street</i>												
Weekday Morning	19	0.13	21.0	C	32	0.25	29.3	D	33	0.26	29.7	D
Weekday Evening	26	0.10	17.7	C	35	0.16	21.0	C	36	0.17	21.2	C

^aDemand of critical movements in vehicles per hour.

^bVolume-to-capacity ratio.

^cDelay in seconds per vehicle.

^dLevel of service.

^eCalculated delay and v/c not representative of actual conditions when v/c exceeds 1.0.



CONCLUSION AND RECOMMENDATIONS

Bayside has examined the potential traffic impacts associated with the proposed development on Railroad Street on the study area roadways. The following is a summary of the results and conclusions of this effort:

- The proposed residential development includes the residential development of the existing site to include three (3) small apartment buildings with 18 apartments per building.
- Access to the site will continue to be provided by way of two full-movement driveways to Railroad Street.
- Compared to the five year period assessed in the 2 South Grove Street TIAS, crashes have decreased in the most recent five year period assessed.
- During the weekday morning peak hour, the residential development is expected to generate approximately 19 vehicle trips (5 vehicles entering and 14 vehicles exiting). During the weekday evening peak hour, the residential development is expected to generate a total of 25 vehicle trips (15 vehicles entering and 10 vehicles exiting).
- Compared to future No-Build conditions, intersection levels of service will generally remain unchanged with the addition of 19 to 25 additional trips during the respective weekday morning and weekday evening peak hours.
- Along the property frontage, it is recommended that all landscaping be set back from the edge of Railroad Street and designed not to exceed three (3) feet so as to not inhibit sight distances.



APPENDIX

**2 SOUTH GROVE STREET TRAFFIC IMPACT AND ACCESS STUDY
UPDATED MOTOR VEHICLE CRASH DATA
TRIP GENERATION DATA
CAPACITY ANALYSIS METHODOLOGY
CAPACITY ANALYSIS WORKSHEETS**



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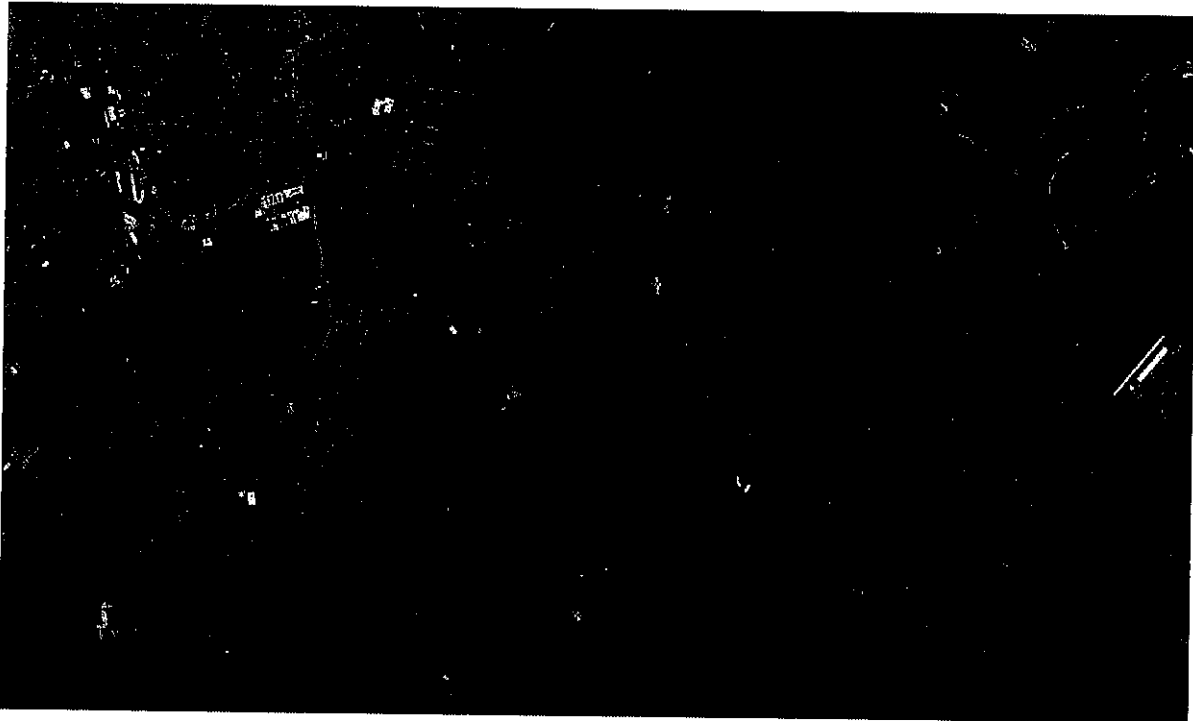
2 SOUTH GROVE STREET TRAFFIC IMPACT AND ACCESS STUDY



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Traffic Impact and Access Study

2 South Grove Street



Bradford, MA
November 9, 2016

Prepared by:



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TRAFFIC IMPACT AND ACCESS STUDY

PROPOSED RESIDENTIAL

2 SOUTH GROVE STREET
HAVERHILL, MASSACHUSETTS

Prepared for:

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November 9, 2016

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SECTION 1: EXECUTIVE SUMMARY

Bayside Engineering has prepared this Traffic Impact and Access Study (TIAS) for the proposed residential apartment development (the "Project"), to be located at 2 South Grove Street in the Bradford section of Haverhill, Massachusetts. The study has been prepared to conform with the March 2014 MassDOT/EOEEA *Transportation Impact Assessment (TIA) Guidelines*.

This report identifies existing traffic operating parameters on key roadways and intersections within the study area, evaluates the anticipated traffic volume increases as a result of the proposed project, analyzes the project's traffic-related impacts, determines the project's access/egress requirements and identifies appropriate mitigating measures designed to minimize the traffic-related impacts created by the project. The following provides a brief summary of the study findings.

Review of the Project and its access plan shows that in relation to roadway capacity, traffic safety, and traffic impacts upon the surrounding roadway network, the proposed project will meet safety standards and have a minimal impact on existing traffic conditions. With the proposed access, in conjunction with the mitigation measures described above, safe and efficient access can be provided to the clientele of the Project and to the motoring public in the area.

PROJECT DESCRIPTION

The proposed Project is a residential development that includes two residential components. The Project is the redevelopment of the former Bradford Welding building located at 2 South Grove Street. Forty (40) apartment units are proposed. Access is proposed by way of a driveway to South Grove Street and a driveway onto Cole Avenue. Parking will be provided for 62 vehicles.

Figure 1 shows the site location in relation to the surrounding area.



Figure 1
Site Location Map

STUDY AREA

Based on a review of the anticipated trip generation and trip distribution for the proposed development, a local study area was established. The study area includes the following intersections:

- Railroad Street, South Grove and Cole Avenue
- South Kimball Street, Cole Avenue and Pond Street
- South Kimball Street and Ferry Street
- South Main Street (Route 125), South Central Street and Ferry Street
- South Main Street (Route 125) and Salem Street
- Salem Street and Peabody Street

EXISTING CONDITIONS

Evaluation of existing conditions within the study area includes a description of roadway geometrics, traffic constraints, land uses at the intersections, and quantification of traffic

volumes.

Existing Traffic Volumes

To establish base traffic conditions within the study area, manual turning movement and vehicle classification counts were obtained in May 2016. Peak-period manual turning movement counts were conducted during the weekday morning peak period (7:00 to 9:00 AM) and weekday evening period (4:00 to 6:30 PM). Daily traffic counts were conducted on May 4 and May 5, 2016 for a two day period using automatic traffic recorders (ATR).

The traffic-volume data gathered as part of this study was collected during the month of May 2016. Data from the MassDOT was reviewed to determine the appropriate seasonal adjustments. Based on available Massachusetts Department of Transportation (MassDOT) data, May represents slightly higher than average month conditions.

South Kimball Street east of Pond Street carries approximately 780 vpd. During the weekday morning peak hour, South Kimball Street carries approximately 75 vph, and during the weekday evening peak hour, South Kimball Street carries approximately 92 vph.

Motor Vehicle Crash Data

Motor vehicle crash data for the study area intersections and roadways were obtained from the MassDOT. The motor vehicle crash data was reviewed to determine crash trends in the study area. Most of the crashes occurred at the intersection of South Main Street, South Elm Street and Salem Street (thirty-two crashes). Of these crashes, seventeen were angle type collisions, two were rear-end collisions, five were side-swipe collisions, four were head-on collisions and four were single-vehicles collisions. No fatalities were reported and most crashes were property damage only collisions. Two of the study area intersections are currently on MassDOT's Highway Safety Improvement Program (HSIP) for 2011 to 2013. These are the intersections of South Main Street, South Elm Street and Salem Street and South Main Street, Ferry Street and South Central Street. However, this is based on crash data compiled prior to the South Main Street Improvement Project which was recently completed through Bradford.

PROBABLE IMPACTS OF THE PROJECT

No-Build Traffic Volumes

To determine the impact of site-generated traffic volumes on the roadway network under future conditions, baseline traffic volumes in the study area were projected to the year 2023. Traffic volumes on the roadway network at that time, in the absence of the proposed project, would include existing traffic, new traffic due to general background traffic growth, and traffic related to specific developments by others expected to be

completed by 2023. Available data compiled by the Merrimack Valley Planning Commission (MVPC) indicate that a 1.0 percent compounded growth rate is appropriate to develop future No-Build conditions. Two projects have been identified. The first is Harbor Place, a mixed-use commercial/residential development located at the intersection of Merrimack Street and Main Street. This project is currently under construction. The traffic volumes associated with this project were included in the No-Build projections.

The second is a potential residential project also to be located in Bradford. Up to 236 residential apartments are contemplated. Projected traffic volumes were developed using trip generation data for Land Use Code (LUC) 220 – Apartments published in the Institute of Transportation Engineers (ITE) *Trip Generation* manual¹.

Build Traffic Volumes

Site generated traffic was based on trip-generation data published in the ITE *Trip Generation* manual². The trip generation data for Land Use Code (LUC) 220 – Apartments, published by the ITE were evaluated to determine the expected trip generation for the Project.

On a typical weekday, the proposed Project are expected to generate 366 vehicle trips (183 vehicles entering and 183 vehicles exiting). During the weekday morning peak hour, 23 vehicle trips (5 vehicles entering and 18 vehicles exiting) are expected. During the weekday evening peak hour, 40 vehicle trips (26 vehicles entering and 14 vehicles exiting) are expected.

Not all of the traffic shown is expected to occur. Research was performed to determine what percentage of Haverhill residents used public transportation, walked to work, biked to work, carpooled or worked from home. Based on this analysis, up to 22% of the trips would be comprised of transit trips, carpooling trips, bike/walking trips or work at home trips. However, to provide a conservative analysis scenario, no credit for mode split was taken in the analysis.

TRAFFIC OPERATIONS ANALYSIS

The critical movements at all of the unsignalized intersections within the study area are expected to operate without capacity constraints (LOS D or better) during the weekday morning and weekday evening day peak hours. These critical movements are expected to continue to operate without significant delays during the peak hours with the addition of site-generated traffic.

At the signalized intersection of South Main Street, South Elm Street and Salem Street, the intersection is projected to operate at good levels of service under existing conditions

¹ *Trip Generation*, Ninth Edition; Institute of Transportation Engineers; Washington, DC; 2012.

² Ibid.

as well as future no build and build conditions. The addition of site-generated traffic will not significantly impact intersection operations at this signalized intersection.

At the signalized intersection of South Main Street, Ferry Street and South Central Street, the intersection is projected to operate at good levels of service under existing conditions as well as future no build and build conditions. The addition of site-generated traffic will not significantly impact intersection operations at this signalized intersection.

RECOMMENDATIONS

Site Access

It is recommended that access into the site from South Grove Street or Cole Avenue, be designed to provide one entering lane and one exiting lane. The site driveways should be placed under STOP sign control.

Off-Site

At the signalized intersections on South Main Street within the study area, intersections are projected to operate at acceptable levels of service or near capacity during the peak hours. The addition of site-generated traffic will not significantly impact intersection operations. It is recommended that these intersections be monitored under future conditions when the project has been constructed and the signal timings and phasings be reviewed. If necessary, at that time, the project proponent should work with the City of Haverhill to affect signal timing and phasing changes to optimize traffic flow.

Transportation Demand Management

As part of the proponent's commitment to supporting Transportation Demand management (TDM) measures to reduce single occupancy vehicles (SOV) trips and to encourage the use of alternative modes of transportation to the site, the following TDM efforts will also be implemented:

- An on-site transportation coordinator (TC) will be assigned to coordinate the traffic reduction program for the project,
- The transportation coordinator will work with the City of Haverhill, the MassDOT and the MVRPC to develop the elements of the traffic reduction program for the project,
- Sidewalks and pedestrian areas will be provided within the project,
- Designating one parking space for car/vanpool parking on the site as a convenience to promote ridesharing,
- Designating one parking space for low-emission vehicles closer to building entrances to promote the use of clean fuel vehicles,
- Develop accommodations for car sharing services (e.g. Zip Car),

- The project will include provision of safe, secure, weather protected bicycle racks and/or storage lockers. Signs will be provided at appropriate locations within the project directing bicyclists to the bicycle storage facilities,
- Investigate the establishment of a Transportation Management Association (TMA) in conjunction with other local businesses within Haverhill. The formation of the TMA for this area could greatly assist in the reduction of single occupancy vehicle by providing information on public transit and identifying carpooling opportunities, and
- Coordinate with the MVRTA to investigate the feasibility of implementing appropriate transit service to the project site.

The project proponent will, in consultation with the City of Haverhill, conduct a traffic monitoring and reporting program which will include a survey of resident's participation in the TDM program. The traffic monitoring program will include measuring traffic volumes at the access points to the project over a continuous 7-day, week-long period and will be conducted at 12 months after issuance of the Final Certificate of Occupancy for the project. The results of the traffic monitoring and reporting program will be provided to the City of Haverhill and will be used, in part, to develop additional strategies as necessary to increase and expand the TDM program.

SECTION 2: EXISTING TRAFFIC CONDITIONS

The evaluation of a proposed project's transportation impacts requires a complete understanding of the existing transportation system within the study area. Existing conditions include roadway geometrics, traffic control, daily and peak hour traffic flows, public transportation and vehicular crash data. Each of these are discussed below.

STUDY AREA

Based on a review of the anticipated trip generation and trip distribution for the proposed development, a local study area was established. The study area includes the following intersections:

- Railroad Street, South Grove and Cole Avenue
- South Kimball Street, Cole Avenue and Pond Street
- South Kimball Street and Ferry Street
- South Main Street (Route 125), South Central Street and Ferry Street
- South Main Street (Route 125) and Salem Street
- Salem Street and Peabody Street

FIELD SURVEY

A comprehensive field inventory of the proposed site was conducted in May 2016. The inventory included collection of existing roadway geometrics, traffic volumes, and safety data for the existing study area intersections and site access driveway locations. Traffic volumes were measured by means of automatic traffic recorder (ATR) counts and substantiated by manual turning movement counts (TMCs) conducted at the study area intersections.

GEOMETRICS

Primary study area roadways are described below.

Roadways

South Main Street (Route 125)

South Main Street is a north/south roadway that runs through Haverhill, from the New Hampshire state line to the north to Interstate 93 (I-93) to the south. In the site vicinity, South Main Street is a two-lane Urban Principal Arterial under the jurisdiction of the City of Haverhill. The speed limit on South Main Street in the vicinity of the site is 30 miles per hour (mph). Marked shoulders and sidewalks are provided along both sides of the road. Land use along South Main Street within the study area consists of retail and commercial businesses and restaurants.

Salem Street

Salem Street is a two-lane, Urban Minor Arterial under the jurisdiction of the City of Haverhill. Salem Street begins at the intersection of South Main Street and South Elm Street and continues in a generally easterly direction until it intersects Route 97 in Groveland. The speed limit on Salem Street in the vicinity of the site is 35 mph. Marked shoulders are provided along both sides of the road. Land use along Salem Street consists of retail and commercial businesses and residential homes.

South Kimball Street

South Kimball Street is a two-lane local street under the jurisdiction of the City of Haverhill. South Kimball Street traverses the study area in a general east/west direction from Ferry Street easterly to a point past South Brook Street where the road changes name to Peabody Street and eventually turns southerly and terminates at Salem Street. The speed limit on South Kimball Street is 30 mph. Land use along South Kimball Street in the site vicinity consists primarily of residential homes.

Railroad Street

Railroad Street is a two-lane local street under the jurisdiction of the City of Haverhill. Railroad Street traverses the study area in a general east/west direction from Ferry Street easterly to South Grove Street. The speed limit on Railroad Street is 30 mph. Land use along Railroad Street in the site vicinity consists primarily of residential homes.

Intersections

South Main Street, South Elm Street and Salem Street

South Main Street forms the north and south legs of this four-legged intersection with South Elm Street (west leg) and Salem Street (east leg). The South Main Street northbound approach consists of a shared left/through lane and an exclusive right turn lane. The South Main Street southbound approach consists of an exclusive left turn lane and a shared through/right turn lane. The South Elm Street approach consists of a single lane permitting all movements. The Salem Street approach consists of a shared left/through lane and an exclusive right turn lane. Sidewalks and crosswalks exist on all approaches to the intersection. The intersection is controlled by a traffic signal. Land use in the vicinity of the intersection consists of a park residential homes and a small antique store.

South Main Street, Ferry Street and South Central Street

South Main Street forms the north and south legs of this four-legged intersection with Ferry Street (northeast leg) and South Central Street (east leg). South Central Street is a one-way street away from the intersection. The South Main Street northbound approach consists of a single lane permitting through and right turn movements the South Main Street southbound approach consists of an exclusive left turn lane and a through lane. Sidewalks and crosswalks exist on all approaches to the intersection. The intersection is controlled by a traffic signal. Land use in the vicinity of the intersection consists of a commercial properties.

Ferry Street and South Kimball Street

South Kimball Street intersects Ferry Street from the east to form this unsignalized, three-legged intersection. The Ferry Street approaches each consist of single lanes that permit right or left-turns. The South Kimball Street approach consists of a single lane that permits left or right-turns and is under STOP-sign control. Land use in the vicinity of the intersection consists of residential homes, a small retail plaza and a small office building.

South Kimball Street and South Grove Street

South Grove Street intersects South Kimball Street from the north and south to form this four-legged unsignalized intersection. All approaches to the intersection consists of single lanes permitting all turning movements. The South Grove Street approaches are under stop sign control. Sidewalks exist on all approaches to the intersection. Land use in the vicinity of the intersection consists of residential homes.

South Grove Street, Railroad Street and Cole Avenue

Railroad Street intersects South Grove Street from the west and Cole Avenue intersects from the east to form this three-legged unsignalized intersection. All approaches to the

intersection consists of single lanes permitting all turning movements. Access to the existing 60 Railroad Street intersection is at the end of Railroad Street and access to 2 South Grove Street (Bradford Welding) is just north of Cole Avenue. Land use in the vicinity of the intersection consists of residential homes, the existing Bradford Welding building and the existing 60 Railroad Street building.

Salem Street and Peabody Street

Peabody Street intersects Salem Street from the north to form this unsignalized, three-legged intersection. The Salem Street approaches each consist of single lanes that permit right or left-turns. The Peabody Street approach consists of a single lane that permits left or right-turns and is under STOP-sign control. Land use in the vicinity of the intersection consists of residential homes.

TRAFFIC VOLUMES

Existing Traffic Volumes

To establish base traffic conditions within the study area, manual turning movement and vehicle classification counts were obtained in May 2016. Peak-period turning movement counts were conducted during the weekday morning peak period (7:00 to 9:00 AM) and weekday evening period (4:00 to 6:30 PM) at the following intersections:

- Railroad Street, South Grove and Cole Avenue
- South Kimball Street, Cole Avenue and Pond Street
- South Kimball Street and Ferry Street
- South Main Street (Route 125), South Central Street and Ferry Street
- South Main Street (Route 125) and Salem Street
- Salem Street and Peabody Street

Daily traffic counts were conducted on South Kimball Street and Railroad Street for a three day period using automatic traffic recorders (ATR).

Analysis of the peak-period traffic counts indicated that the weekday morning commuter peak generally hour occurs between 7:15 and 8:15 AM and the weekday evening commuter peak hour generally occurs between 4:30 and 5:30 PM. The traffic count worksheets are provided in the Appendix.

Seasonal Adjustment

The traffic-volume data gathered as part of this study was collected during the month of May 2016. Available traffic volume data from the MassDOT was reviewed to determine the monthly variations of the traffic volumes. The traffic data showed May volumes to be slightly higher than average month conditions. Therefore, the May traffic volumes were used to represent average month conditions. The 2016 existing weekday daily and peak-hour traffic volumes are summarized in Table 1. Figures 2 and 3 show the 2016

Existing weekday morning and weekday evening peak hour traffic volumes, respectively. The seasonal worksheets are provided in the Appendix.

TABLE 1
EXISTING WEEKDAY TRAFFIC VOLUME SUMMARY^a

Location	Weekday Traffic Volume ^b	Weekday Morning Peak Hour			Weekday Evening Peak Hour		
		Traffic Volume ^c	K Factor ^d	Directional Distribution ^e	Traffic Volume	K Factor	Directional Distribution
South Kimball Street east of Pond Street	780	75	9.6	74.7% WB	92	11.8	51.1% WB

^aTwo-way traffic volume

^bDaily traffic expressed in vehicles per day.

^cExpressed in vehicles per hour.

^dPercent of daily traffic volumes which occurs during the peak hour.

^ePercent of peak-hour volume in the predominant direction of travel.

^fAt the time of the counts the site was vacant and the volume is predominantly Dunkin Donuts traffic from the neighboring retail development.

NB = northbound; SB = southbound; EB = eastbound; WB = westbound.

South Kimball Street east of Pond Street carries approximately 780 vpd. During the weekday morning peak hour, South Kimball Street carries approximately 75 vph, and during the weekday evening peak hour, South Kimball Street carries approximately 92 vph.

MOTOR VEHICLE CRASH DATA

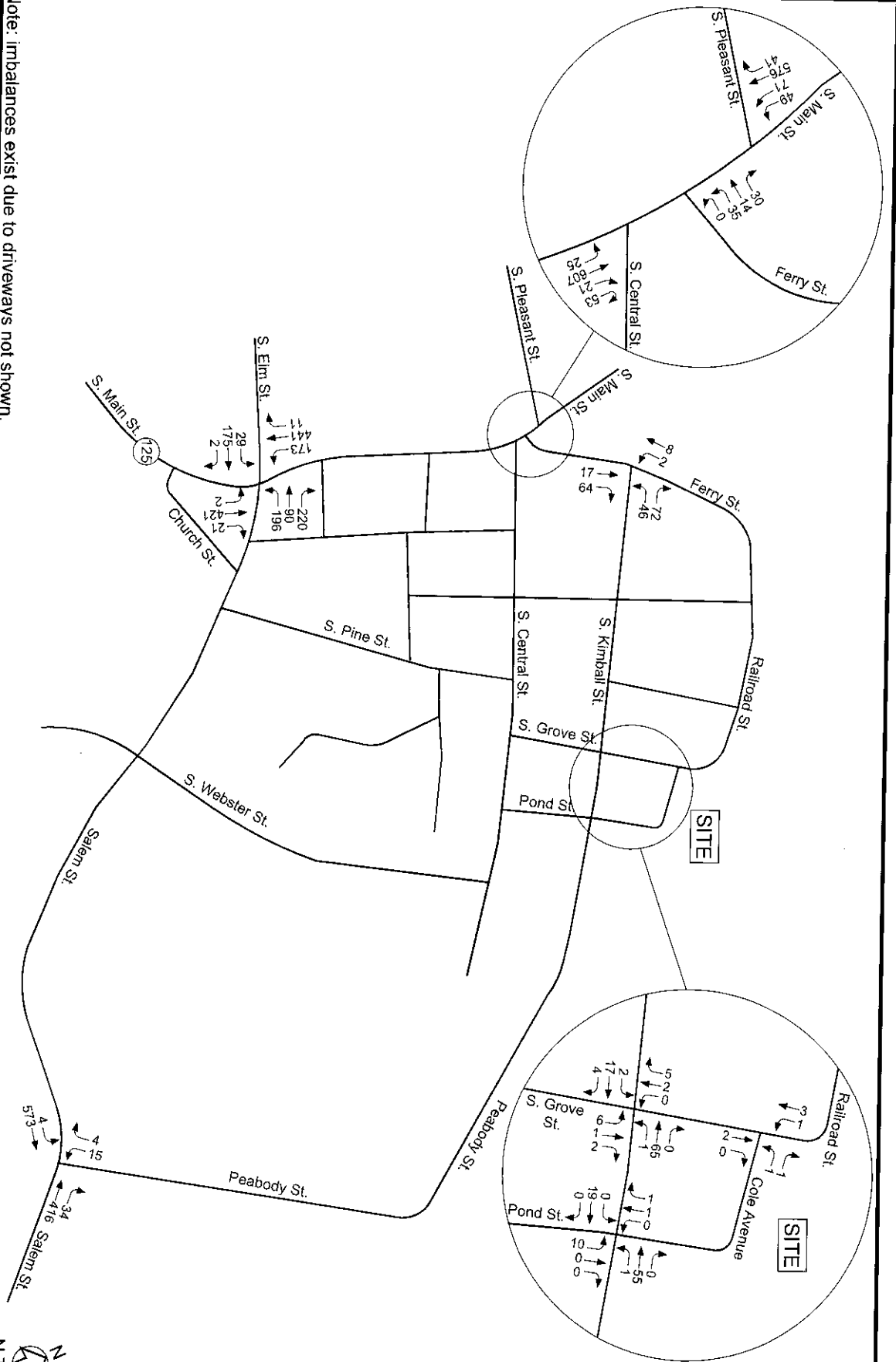
Motor vehicle crash data for the study area intersections and roadways were obtained from the MassDOT. The motor vehicle crash data was reviewed to determine crash trends in the study area. A summary of the data is provided in Table 2 and the crash data is included in the Appendix.

Most of the crashes occurred at the intersection of South Main Street, South Elm Street and Salem Street (thirty-two crashes). Of these crashes, seventeen were angle type collisions, two were rear-end collisions, five were side-swipe collisions, four were head-on collisions and four were single-vehicles collisions. No fatalities were reported and most crashes were property damage only collisions. None of the intersections experienced a significant crash rate, with the exception of the intersection of South Main Street, South Elm Street and Salem Street, which slightly exceeds MassDOT's crash rate.

Two of the study area intersections are currently on MassDOT's Highway Safety Improvement Program (HSIP) for 2011 to 2013. These are the intersections of South Main Street, South Elm Street and Salem Street and South Main Street, Ferry Street and South Central Street. An HSIP eligible cluster is one in which the total number of

"equivalent property damage only" crashes in the cluster is within the top 5% of all clusters in that region. "Equivalent property damage only" is a method of combining the number of crashes with the severity of crashes based on a weighted scale where a fatal crash is worth 10, an injury crash is worth 5 and a property damage only crash is worth 1. However, this is based on crash data compiled prior to the South Main Street Improvement Project which was recently completed through Bradford.

Note: imbalances exist due to driveways not shown.



2 South Grove Street
Haverhill, MA

Figure 2

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2016 Existing
Weekday Morning
Peak Hour Traffic Volumes

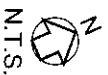


TABLE 2
MOTOR VEHICLE CRASH DATA SUMMARY^a

Scenario	Location						
	South Kimball Street and Grove Street	South Kimball Street, Pond Street and Cole Avenue and Grove Street	South Grove Street and Cole Avenue	Railroad Street and South Grove Street	Salem Street and Peabody Street	South Main Street, South Elm Street and Salem Street	South Main Street, Ferry Street and South Central Street
<i>Year^b:</i>							
2010	0	0	0	0	0	3	5
2011	0	0	0	0	0	9	2
2012	0	0	0	0	0	7	3
2013	1	0	0	0	0	2	2
2014	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>11</u>	<u>0</u>
Total	1	0	0	0	0	32	12
Average ^b	0.2	0.0	0.0	0.0	0.2	6.4	2.4
Crash Rate ^c	0.40	0.0	0.0	0.0	0.05	0.82	0.35
Significant ^d	No	No	No	No	No	Yes	No
<i>Type:</i>							
Angle	1	0	0	0	1	17	5
Rear-End	0	0	0	0	0	2	3
Sideswipe	0	0	0	0	0	5	1
Head-On	0	0	0	0	0	4	0
Single Vehicle Crash	0	0	0	0	0	4	3
Unknown	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	1	0	0	0	1	32	12
<i>Time of Day:</i>							
Morning (7:00 to 9:00 AM)	0	0	0	0	0	4	1
Evening (4:00 to 6:00 PM)	1	0	0	0	0	4	2
Remainder of Day	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>24</u>	<u>9</u>
Total	1	0	0	0	0	32	12
<i>Pavement Conditions:</i>							
Dry	1	0	0	0	0	19	8
Wet	0	0	0	0	0	8	3
Snow/Ice/Slush	0	0	0	0	1	1	0
Unknown/Other	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>1</u>
Total	1	0	0	0	1	32	12
<i>Severity:</i>							
Property Damage Only	1	0	0	0	0	18	9
Personal Injury	0	0	0	0	1	13	3
Fatal Accident	0	0	0	0	0	0	0
Unknown	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>
Total	1	0	0	0	1	32	12

^aSource: MassDOT Safety Management/Traffic Operations Unit records.

^bAverage crashes over analysis period.

^cCrash rate per million entering vehicles (mev).

^dSignalized intersections are significant if rate >0.77 crashes per million vehicles, and unsignalized intersections are significant if rate >0.58 crashes per million vehicles.

NC = Not Calculated.

PUBLIC TRANSPORTATION

Public transportation services are provided within the study area by the Merrimack Valley Regional Transportation Authority (MVRTA) and the Massachusetts Bay Transportation Authority (MBTA). The MBTA Commuter Rail has two stations near the site. These are the Haverhill and Bradford Commuter rail stations on the Haverhill Line, located approximately 1 mile from the site. Daily and weekend service is provided into Boston.

Located approximately 7/10 of a mile from the site is the MVRTA's Washington Square Transit Authority. Busses run from the station throughout the Merrimack Valley. The MVRTA operates bus service through Haverhill on South Main Street (Bus Route 14). Route 14 bus service is provided Monday through Sunday from approximately 6:00 AM to 6:00 PM.

The MVRTA also operates a special bus service through Haverhill to the existing IRS and Raytheon facilities in Andover (Bus Route 73). Route 73 bus service is provided Monday through Friday with a single trip to Andover in the morning (at 5:50 AM) and a single return trip in the afternoon (at 3:25 PM). The MVRTA schedule information is included in the Appendix.

PLANNED ROADWAY IMPROVEMENTS

Officials for MassDOT and the City of Haverhill were contacted regarding roadway improvements planned for the study area intersections. There are currently no improvement projects identified.

SECTION 3:

2023 NO-BUILD AND BUILD TRAFFIC CONDITIONS

To determine the impact of site-generated traffic volumes on the roadway network under future conditions, baseline traffic volumes in the study area were projected to the year 2023. Traffic volumes on the roadway network at that time, in the absence of the proposed project, would include existing traffic, new traffic due to general background traffic growth, and traffic related to specific developments by others expected to be completed by 2023. Consideration of these factors resulted in the development of 2023 No-Build traffic volumes. Anticipated site-generated traffic volumes were then superimposed upon these No-Build traffic flow networks to develop 2023 Build conditions.

2023 NO-BUILD TRAFFIC VOLUMES

Traffic growth on area roadways is a function of the expected land development in the immediate area as well as the surrounding region. Several methods can be used to estimate this growth. A procedure frequently employed estimates an annual percentage increase in traffic growth and applies that percentage to all traffic volumes under study. The drawback to such a procedure is that some turning volumes may actually grow at either a higher or a lower rate at particular intersections.

An alternative procedure identifies the location and type of planned development, estimates the traffic to be generated, and assigns it to the area roadway network. This produces a more realistic estimate of growth for local traffic. However, the drawback of this procedure is that the potential growth in population and development external to the study area would not be accounted for in the traffic projections.

To provide a conservative analysis framework, both procedures were used.

Background Traffic Growth

Research was performed to determine the historic growth rate for traffic in the study area as well as other planned developments that may affect traffic within the study area for the proposed project. The Merrimack Valley Planning Commission (MVPC) was contacted to determine regional growth for Haverhill and the surrounding area. Based on this data, growth is expected to occur at a rate of 0.75 to 1.0 percent per year. To provide a conservative analysis, a background growth rate of 1.0 percent per year was applied.

Specific Development by Others

Traffic volumes generated by the specific local developments by others were included in the 2023 No-Build condition. The City of Haverhill was contacted to identify specific planned developments. Based on these discussions, there are two developments within the area that would affect the traffic volumes. The first is the Harbor Place development, a mixed-use commercial development located northwest of the site. The project consists of retail/restaurant space, office space and space to be leased by UMASS for educational purposes. Traffic projections were obtained using the Institute of Transportation (ITE) *Trip Generation* manual³.

The second is a potential residential project also to be located in Bradford. Up to 236 residential apartments are contemplated. Projected traffic volumes were developed using trip generation data for Land Use Code (LUC) 220 – Apartments published in the ITE *Trip Generation* manual⁴.

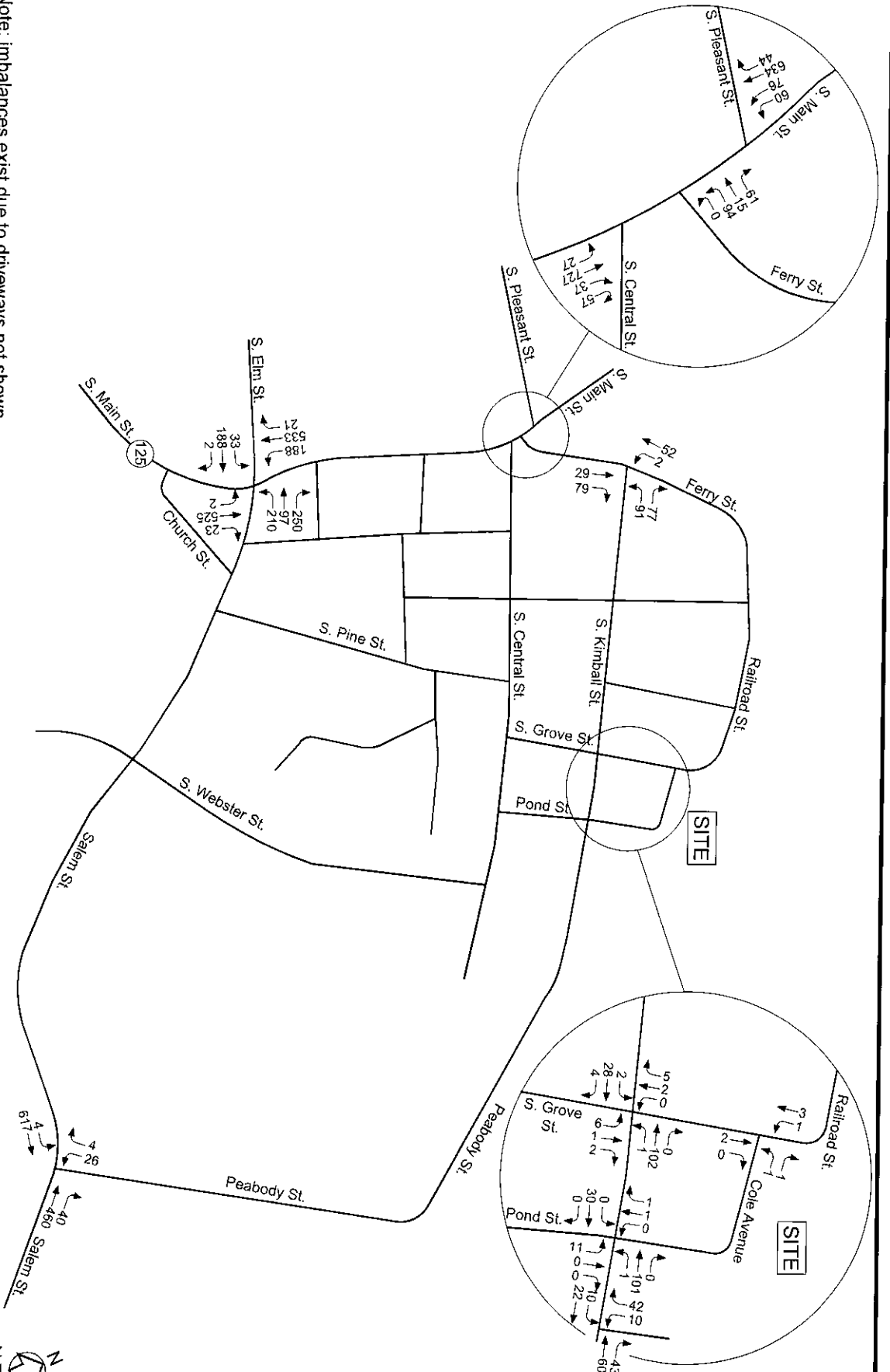
No-Build Condition Traffic Volumes

The 2023 No-Build weekday morning and evening peak-hour traffic volumes were developed by applying a compounded 1.0 percent annual growth rate to the 2016 Existing peak-hour traffic volumes and adding traffic from the two identified background developments. Figures 4 and 5 show the projected 2023 No-Build peak hour traffic volumes for the respective weekday morning and weekday evening peak-hours.

³Ibid.

⁴Ibid.

Note: imbalances exist due to driveways not shown.



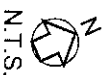
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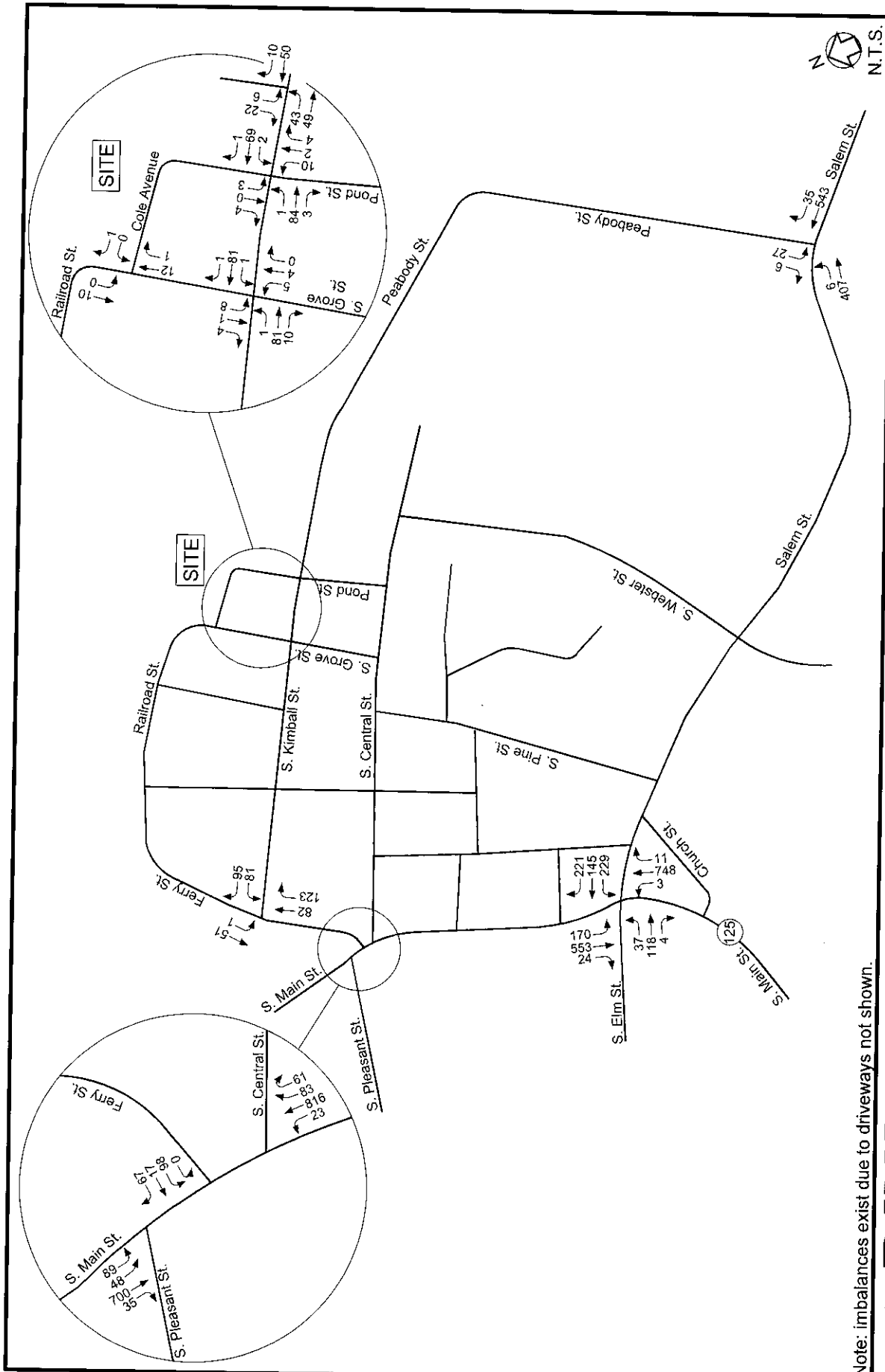
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Figure 4

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2023 No-Build
Weekday Morning
Peak Hour Traffic Volumes





Note: imbalances exist due to driveways not shown.



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Figure 5

2023 No-Build
Weekday Evening
Peak Hour Traffic Volumes

FUTURE 2023 BUILD CONDITIONS

Project Description

The proposed Project is a residential development that includes the redevelopment of the Bradford Welding building located at 2 South Grove Street. Forty (40) apartment units are proposed with parking for 62 vehicles.

Traffic Generation

Site generated traffic was based on trip-generation data published in the ITE *Trip Generation* manual⁵. The trip generation data for Land Use Code (LUC) 220 – Apartments published by the ITE were evaluated to determine the expected trip generation for the proposed project. The expected trip generation is summarized in Table 3 and the trip generation worksheets are included in the Appendix.

TABLE 3
TRIP-GENERATION SUMMARY

	<u>Residential Trips^a</u>
Average Weekday Daily Traffic	366
<i>Weekday Morning Peak Hour:</i>	
Entering	5
<u>Exiting</u>	<u>18</u>
Total	23
<i>Weekday Evening Peak Hour:</i>	
Entering	26
<u>Exiting</u>	<u>14</u>
Total	40

^aBased on ITE LUC 220, Apartments; 40 dwelling units.

On a typical weekday, the proposed developments are expected to generate 366 vehicle trips (183 vehicles entering and 183 vehicles exiting). During the weekday morning peak hour, 23 vehicle trips (5 vehicles entering and 18 vehicles exiting) are expected. During the weekday evening peak hour, 40 vehicle trips (26 vehicles entering and 14 vehicles exiting) are expected.

⁵Ibid.

Not all of the traffic shown in Table 3 is expected to occur. Research was performed to determine what percentage of Haverhill residents used public transportation, walked to work, biked to work, carpooled or worked from home. TownCharts.com summarizes data about every city in the United States, is easily searchable and portrayed in clear charts and provides data on demographics, housing, local economy, education, and more. For Haverhill residents, the means of transportation to work are summarized as follows:

- 78.4% Drove alone (Car, Truck, or Van)
- 9.5% Carpooled (Car, Truck, or Van)
- 3.9% Public transportation
- 3.0% Walked
- 1.4% Taxi, Motorcycle, Bicycle, or Other
- 3.9% Work from home

However, to provide a conservative analysis scenario, no credit for mode split was taken.

Trip Distribution

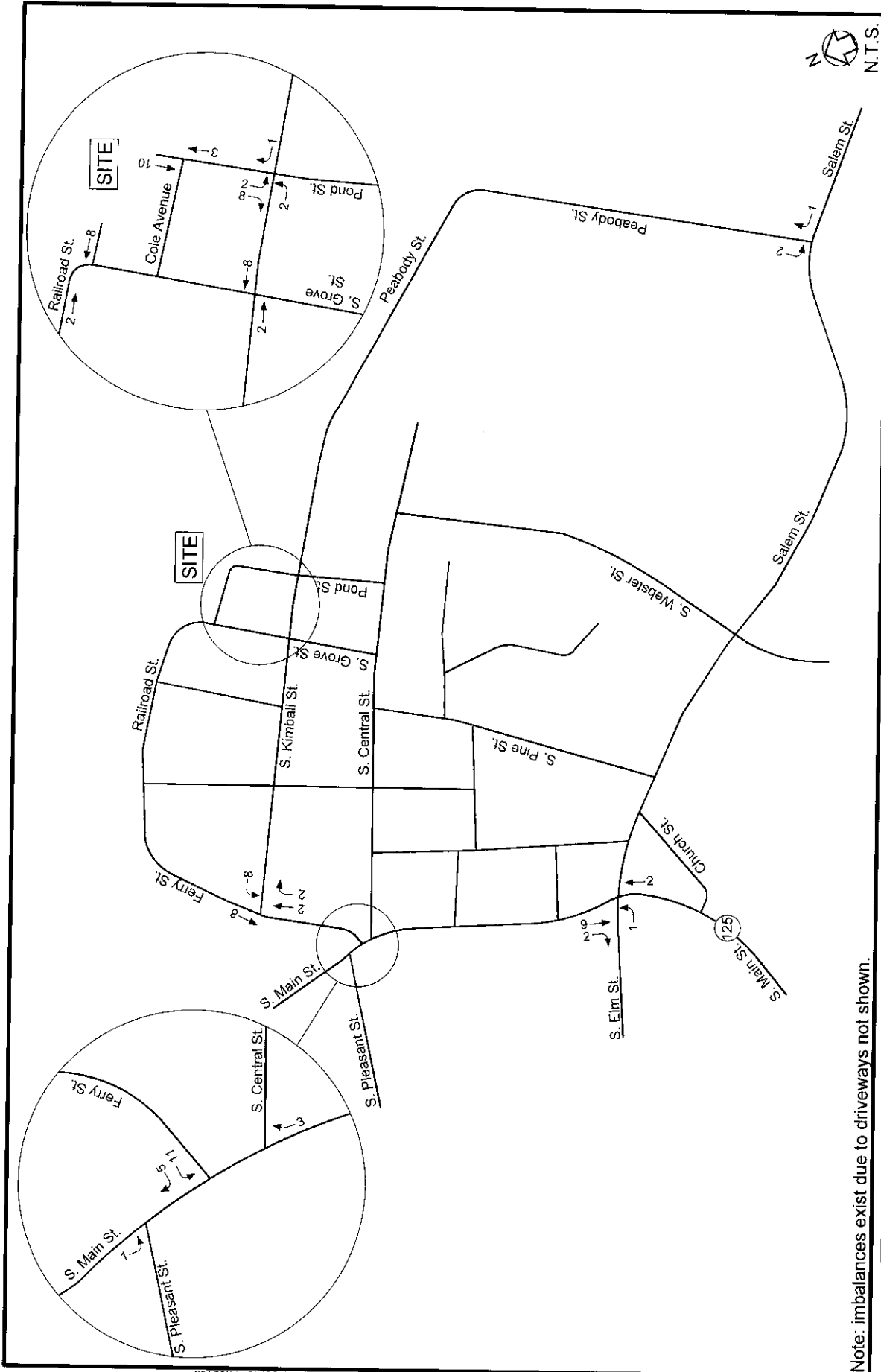
The directional distribution of the vehicular traffic approaching and departing the site is a function of population densities, the location of employment, existing travel patterns, similar uses, and the efficiency of the existing roadway system. Table 4 summarizes the expected trip distribution.

TABLE 4
TRIP DISTRIBUTION

Route	Direction	Percent of Residential Trips
South Main Street	North	31
South Main Street	South	49
Salem Street	East	11
South Elm Street	West	<u>9</u>
TOTAL		100

Future Traffic Volumes - Build Condition

The site-generated traffic was distributed within the study area according to the percentages summarized in Table 4. The site generated volumes for the Project are shown on Figures 6 and 7 for the respective weekday morning and evening peak hours. The site generated traffic volumes for the Project were superimposed onto the 2023 No-Build traffic flow network and are shown on Figures 8 and 9 for the respective weekday morning and weekday evening peak hours. These volumes were used as the basis for all analysis as well as to identify potential mitigation measures to ameliorate the project's impacts.



Note: imbalances exist due to driveways not shown.



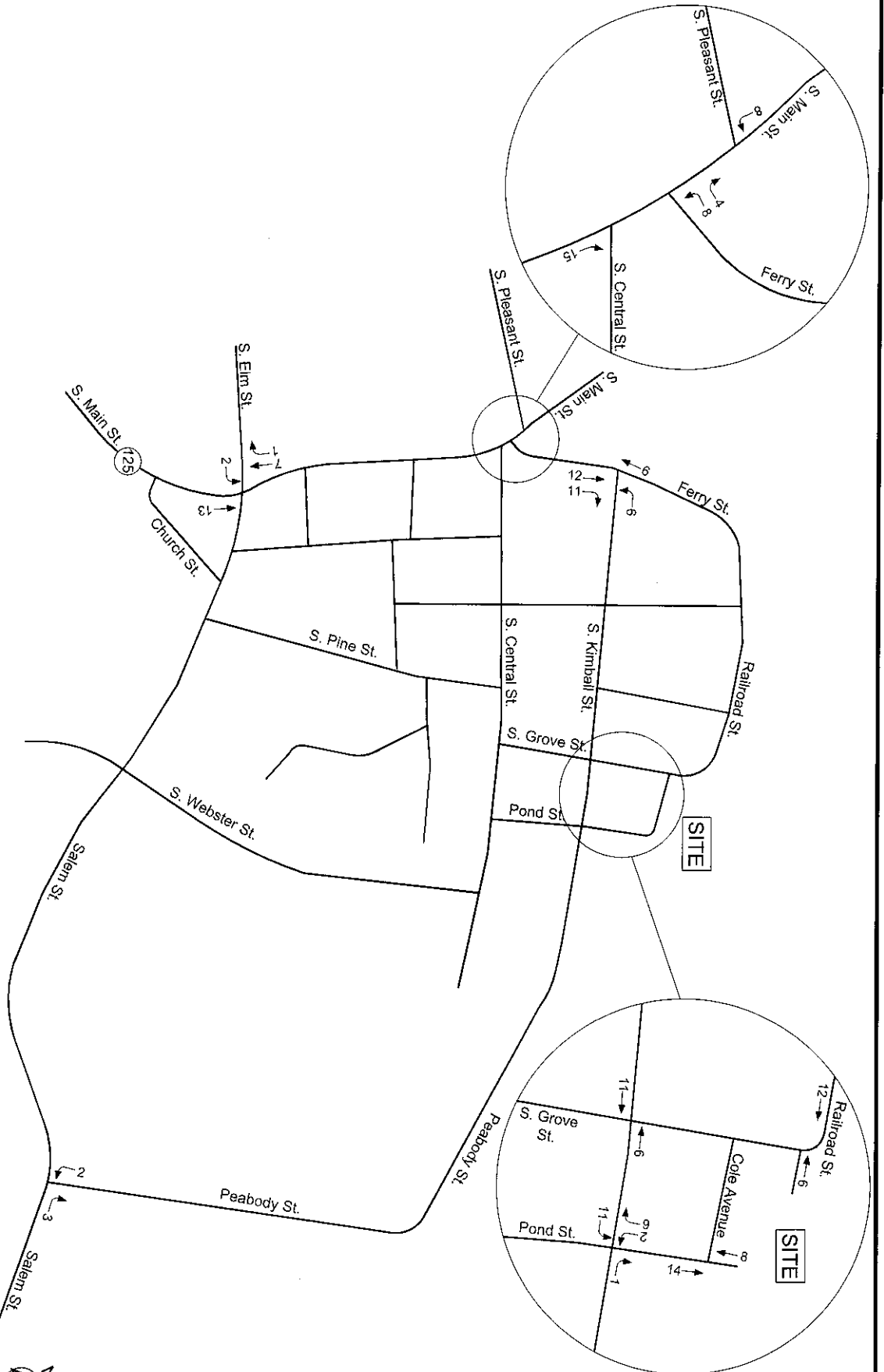
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Figure 6

2 South Grove Street
 Site Generated
 Weekday Morning
 Peak Hour Traffic Volumes

Note: imbalances exist due to driveways not shown.



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Figure 7

2 South Grove Street
Site Generated
Weekday Evening
Peak Hour Traffic Volumes

PROJECT SITE PROJECT SITE PROJECT SITE - ALL REALITY TRAFFIC STUDY, BRAD-ORDWAY ENGINEERING WORK 2/16/14 LWB 25-03-18 11:09 AM

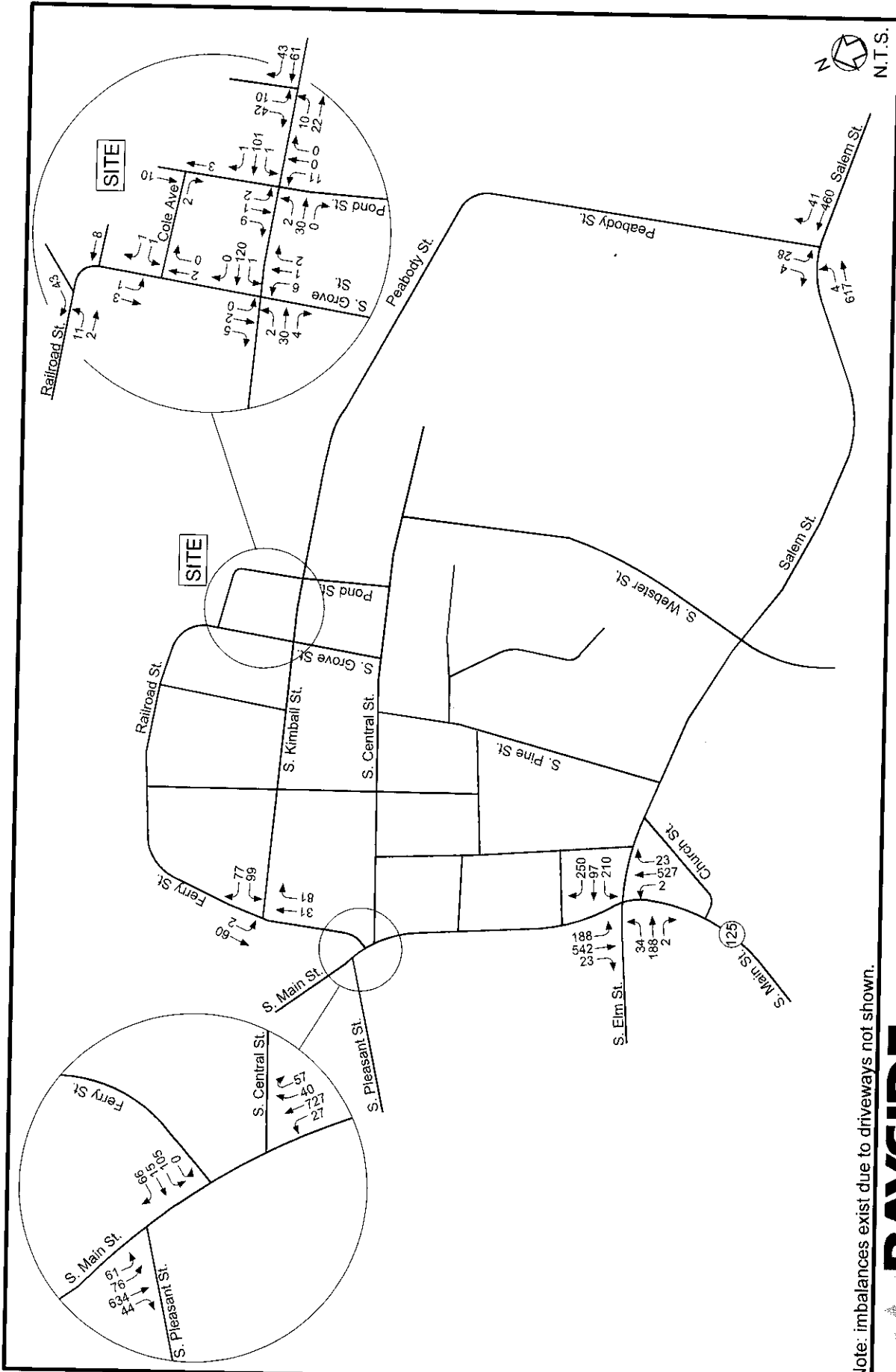
Note: imbalances exist due to driveways not shown.

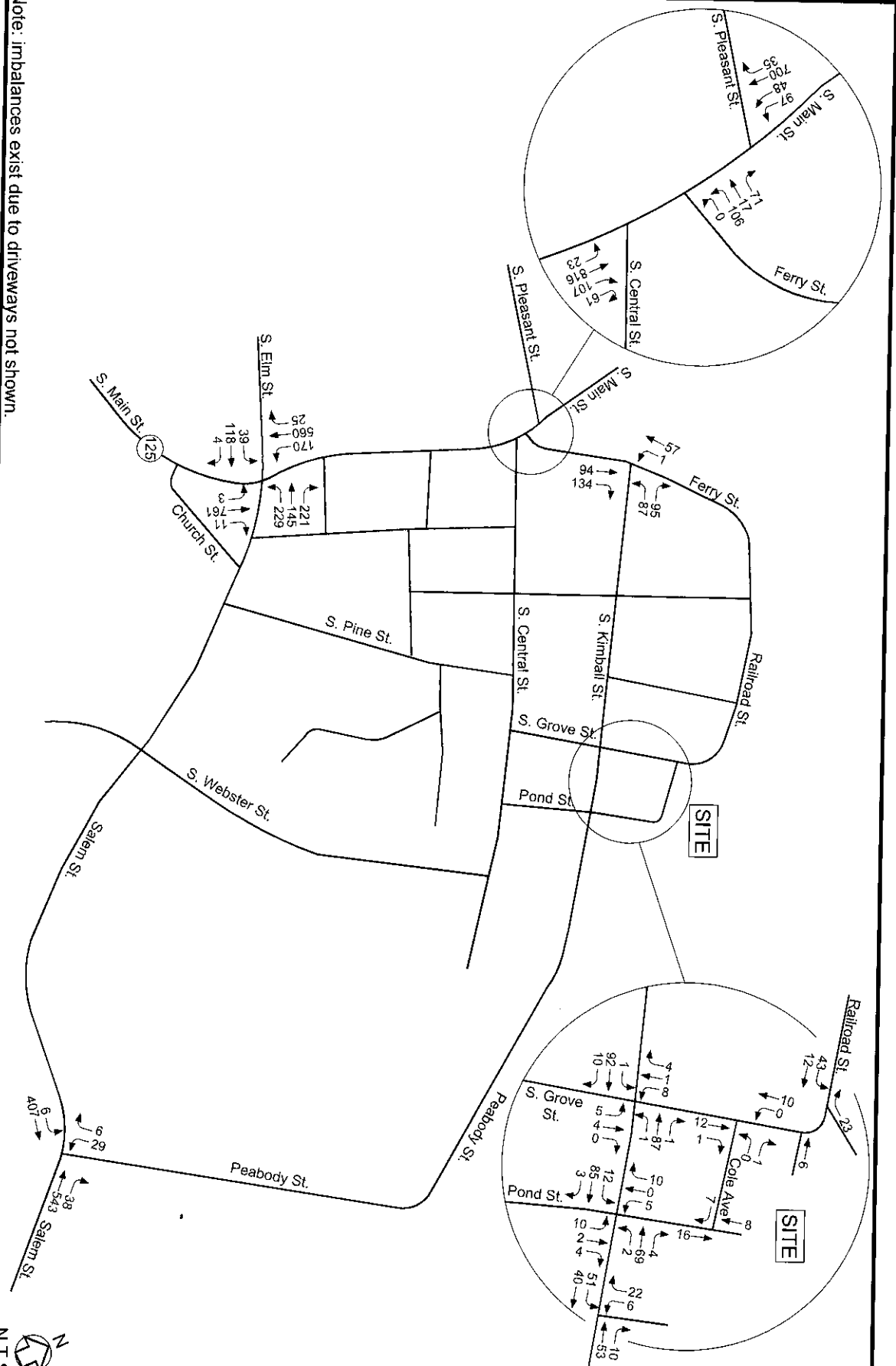


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Figure 8
 2023 Build
 Weekday Morning
 Peak Hour Traffic Volumes





Note: imbalances exist due to driveways not shown.

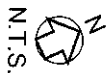


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Figure 9

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2023 Build
Weekday Evening
Peak Hour Traffic Volumes



A summary of peak-hour projected traffic-volume changes in the site vicinity are shown in Table 5. These volumes are based on the expected increases from the site traffic generation.

TABLE 5
TRAFFIC-VOLUME INCREASES^a

Location/Peak Hour	2023 No-Build	2023 Build	Volume Increase over No-Build	Percent Increase over No-Build
<i>South Main Street north of Ferry Street</i>				
Weekday Morning	1,602	1,608	6	0.4
Weekday Evening	1,755	1,767	12	0.7
<i>South Main Street south of Salem Street</i>				
Weekday Morning	1,295	1,306	11	0.9
Weekday Evening	1,548	1,568	20	1.3
<i>Salem Street east of Peabody Street</i>				
Weekday Morning	1,143	1,146	3	0.3
Weekday Evening	1,012	1,017	5	0.5
<i>South Elm Street west of South Main Street</i>				
Weekday Morning	343	346	3	0.9
Weekday Evening	315	318	3	0.9

^aAll volumes are vehicles per hour, total of both directions.

As shown in Table 5, project-related increases are in the range of 0.3 to 0.9 percent during the weekday morning peak hour and 0.5 to 1.7 percent during the weekday evening peak hour. This is approximately equivalent to one additional bi-directional vehicle every six minutes on average during the peak hours.

SECTION 4: ANALYSIS

To assess intersection operations, capacity analyses were conducted for Existing, No-Build, and Build traffic-volume conditions. Capacity analyses provide an indication of how well the study area intersections serve existing and projected traffic volumes. Vehicle queue analyses provide a secondary measure of the operational characteristics of an intersection or section of roadway under study in terms of lane use and demand.

CAPACITY ANALYSIS METHODOLOGY

Levels of Service

Level of service (LOS) is a quantitative measure used to describe the operation of an intersection or roadway segment. The level of service definition is described by the quality of traffic flow and is primarily defined in terms of traffic delays. The primary result of capacity analyses⁶ is the assignment of a level of service to traffic intersections or roadway segments under various traffic-flow conditions. Six levels of service are defined for traffic intersections and roadway segments. Levels of service range from LOS A to LOS F. LOS A represents very good operating conditions and LOS F represents very poor operating conditions.

Unsignalized Intersections

The level of service for an unsignalized intersection is determined by the methodology and procedures described in the 2010 *Highway Capacity Manual*.⁷ The level of service for unsignalized intersections is measured in terms of average delay for the critical movements (typically side street turning movements or mainline turning movements). The delay for the critical movements is a function of the available capacity for the

⁶The capacity analysis methodology is based on procedures presented in the *Highway Capacity Manual*; Transportation Research Board; Washington, DC; 2010.

⁷*Highway Capacity Manual*; Transportation Research Board; Washington, DC; 2010.

movement and the degree of saturation of the lane group containing the critical movement. The delay calculation includes the effects of initial deceleration delay approaching a STOP sign, stopped delay, queue move-up time, and final acceleration delay from a stopped condition. The definitions for level of service at unsignalized intersections are also provided in the 2010 *Highway Capacity Manual*. Table 6 summarizes the relationship between level of service and average control delay for the critical movements at unsignalized intersections.

TABLE 6
LEVEL-OF-SERVICE CRITERIA FOR
UNSIGNALIZED INTERSECTIONS^a

Average Delay (seconds per vehicle)	Resulting Level of Service
≤ 10.0	A
10.1 to 15.0	B
15.1 to 25.0	C
25.1 to 35.0	D
35.1 to 50.0	E
>50.0	F

^a*Highway Capacity Manual*, Transportation Research Board, Washington, DC; 2010; page 19-2.

The analytical methodologies used for the analysis of unsignalized intersections use conservative analysis parameters, such as high critical gaps. The critical gap is defined as the minimum time between successive main line vehicles for a side street vehicle to execute the appropriate turning maneuver. Actual field observations indicate that drivers on minor streets accept smaller gaps in traffic than those used in the analysis procedures and therefore experience less delay than calculated by the HCM methodology. **The analysis results overstate the actual delays experienced in the field.** It should be noted that the unsignalized intersections along heavily trafficked roadways operate at constrained levels and the resulting calculated results of the unsignalized intersection analyses should be considered highly conservative.

Signalized Intersections

The signalized intersection capacity was conducted using methodology from the Highway Capacity Manual (HCM) 2000 due to the restrictions imposed on signalized intersection analysis using Synchro 8.0 or Highway Capacity Software 2010 (HCS 2010) by the more recently published HCM 2010. This includes the inability of HCM 2010 to correctly analyze exclusive pedestrian phases at study area intersections and lane-groups and phasings that do not conform to standard NEMA phasing. To remain consistent

throughout the study, all signalized intersection capacity analyses were therefore conducted using HCM 2000 methodology.

MassDOT has recognized the significant errors and deficiencies in the HCM 2010 methodology and traffic impact software such as Synchro 8.0 or HCS 2010 when attempting to analyze traffic signals. This study uses HCM 2000 methodology over “Synchro 8 Percentile Queue and Percentile Delay” methodology, as HCM 2000 represents the most recent previous state and federally accepted methodology for analyzing capacity, delay, and queues. Table 7 summarizes the relationship between level of service and delay. The calculated delay values result in level-of-service designations which are applied to individual lane groups, to individual intersection approaches, and to the entire intersection.

TABLE 7
LEVEL-OF-SERVICE CRITERIA FOR SIGNALIZED
INTERSECTIONS^a

Delay per Vehicle (Seconds)	Resulting Level of Service
≤10.0	A
10.1 to 20.0	B
20.1 to 35.0	C
35.1 to 55.0	D
55.1 to 80.0	E
>80.0	F

^a*Highway Capacity Manual*; Transportation Research Board; Washington, DC; 2000; page 16-2.

CAPACITY ANALYSIS RESULTS

Level-of-service analyses were conducted for both average and peak month conditions for 2016 Existing, 2023 No-Build and 2023 Build conditions for the intersections within the study area. The results of the unsignalized capacity analyses are summarized in Table 8. The signalized analyses are summarized in Table 9. Detailed analysis sheets are presented in the Appendix.

TABLE 8
UNSIGNALIZED LEVEL-OF-SERVICE ANALYSIS SUMMARY

Critical Movement/ Peak Hour	2016 Existing				2023 No-Build				2023 Build			
	Demand ^a	V/C ^b	Delay ^c	LOS ^d	Demand	V/C	Delay	LOS	Demand	V/C	Delay	LOS
Ferry Street and South Kimball Street												
<i>All-turn movements from South Kimball Street</i>												
Weekday Morning	118	0.18	9.7	A	168	0.29	11.1	B	176	0.31	11.4	B
Weekday Evening	144	0.20	10.0	B	176	0.30	11.6	B	182	0.32	12.1	B
South Kimball Street and South Grove Street												
<i>All movements from South Grove Street</i>												
Weekday Morning	9	0.02	9.7	A	9	0.02	10.2	B	9	0.02	10.4	B
Weekday Evening	9	0.02	10.2	B	9	0.03	11.1	B	9	0.03	11.4	B
South Kimball Street, Pond Street and Cole Avenue												
<i>All movements from Cole Avenue</i>												
Weekday Morning	2	0.01	10.3	B	2	0.03	10.8	B	12	0.07	10.6	B
Weekday Evening	7	0.02	9.3	A	7	0.02	9.7	A	15	0.05	10.1	B
South Grove Street and Cole Avenue												
<i>All movements from Cole Avenue</i>												
Weekday Morning	2	0.01	8.5	A	2	0.01	8.5	A	2	0.01	8.5	A
Weekday Evening	1	0.01	9.3	A	1	0.01	9.3	A	1	0.01	9.3	A
Salem Street and Peabody Street												
<i>All movements from Peabody Street</i>												
Weekday Morning	15	0.13	21.0	C	30	0.23	28.3	D	32	0.25	29.3	D
Weekday Evening	26	0.10	17.7	C	33	0.15	20.7	C	35	0.16	21.0	C
South Kimball Street and Proposed Driveway												
<i>All movements from driveway</i>												
Weekday Morning	--	--	--	--	--	--	--	--	8	0.01	8.4	A
Weekday Evening	--	--	--	--	--	--	--	--	6	0.01	8.4	A
Cole Avenue and Proposed Driveway												
<i>All movements from Cole Avenue northbound</i>												
Weekday Morning	--	--	--	--	--	--	--	--	3	0.01	7.0	A
Weekday Evening	--	--	--	--	--	--	--	--	16	0.01	7.0	A

^aDemand of critical movements in vehicles per hour.

^bVolume-to-capacity ratio.

^cDelay in seconds per vehicle.

^dLevel of service.

^eCalculated delay and v/c not representative of actual conditions when v/c exceeds 1.0.

TABLE 9
SIGNALIZED LEVEL-OF-SERVICE ANALYSIS SUMMARY

Signalized Intersection/ Peak Hour/Lane Group	2016 Existing			2023 No-Build			2023 Build		
	V/C ^a	Delay ^b	LOS ^c	V/C	Delay	LOS	V/C	Delay	LOS
<i>South Main Street, South Elm Street and Salem Street</i>									
Weekday Morning									
Eastbound Lt/TH/RT	0.49	29.8	C	0.55	31.4	C	0.58	32.5	C
Westbound LT/TH	0.96	72.9	E	1.04	94.4	F	1.05	96.3	F
Westbound RT	0.44	5.2	A	0.47	5.2	A	0.47	5.2	A
Northbound LT/TH	0.70	31.3	C	0.88	44.6	D	0.89	45.2	D
Northbound RT	0.07	0.3	A	0.08	0.3	A	0.08	0.3	A
Southbound LT	0.61	18.9	B	0.86	44.7	D	0.87	46.7	D
Southbound TH/RT	0.57	17.0	B	0.72	21.2	C	0.73	21.8	C
Overall	--	28.5	C	--	37.9	D	--	38.7	D
Weekday Evening									
Eastbound Lt/TH/RT	0.52	32.1	C	0.80	52.2	D	0.68	38.8	D
Westbound LT/TH	1.01	80.7	F	1.12	115.3	F	1.08	100.3	F
Westbound RT	0.33	4.9	A	0.35	4.9	A	0.34	4.5	A
Northbound LT/TH	0.95	53.9	D	1.16	117.7	F	1.13	103.7	F
Northbound RT	0.02	0.1	A	0.02	0.1	A	0.02	0.1	A
Southbound LT	0.62	25.9	C	0.71	32.0	C	0.69	30.1	C
Southbound TH/RT	0.56	16.8	B	0.72	21.2	C	0.72	20.5	C
Overall	--	40.5	D	--	68.6	E	--	60.3	E
<i>South Main Street, Ferry Street and South Central Street</i>									
Weekday Morning									
Westbound LT/TH/RT	0.51	17.2	B	0.80	42.4	D	0.83	46.5	D
Northbound LT/TH/RT	0.71	15.9	B	0.96	42.2	D	0.98	47.6	D
Southbound LT	0.47	5.8	A	0.85	49.4	D	0.92	64.3	E
Southbound TH/RT	0.47	4.0	A	0.55	7.7	A	0.56	8.3	A
Overall	--	10.2	B	--	30.8	C	--	35.5	D
Weekday Evening									
Westbound LT/TH/RT	0.69	32.5	C	0.82	45.5	D	0.84	48.5	D
Northbound LT/TH/RT	0.80	22.4	C	1.04	63.8	E	1.10	82.5	F
Southbound LT	0.42	7.6	A	0.80	48.8	D	0.84	55.3	E
Southbound TH/RT	0.43	5.2	A	0.55	8.1	A	0.55	8.4	A
Overall	--	16.6	B	--	42.1	D	--	52.4	D

^aVolume-to-capacity ratio.

^bDelay in seconds per vehicle.

^cLevel of service.

Lt = Left; Th = Through; Rt = Right.

The critical movements at all of the unsignalized intersections within the study area are expected to operate without capacity constraints (LOS D or better) during the weekday morning and weekday evening day peak hours. These critical movements are expected to continue to operate without significant delays during the peak hours with the addition of

site-generated traffic.

At the signalized intersection of South Main Street, South Elm Street and Salem Street, the intersection is projected to operate at acceptable levels of service under existing conditions. Under future No-Build conditions, the intersection is projected to operate at level of service E or better (near capacity) during the peak hours. The addition of site-generated traffic will not significantly impact intersection operations at this signalized intersection as there is no change in overall level of service from No-Build to Build conditions.

At the signalized intersection of South Main Street, Ferry Street and South Central Street, the intersection is projected to operate at good levels of service under existing conditions as well as future no build and build conditions. The addition of site-generated traffic will not significantly impact intersection operations at this signalized intersection.

SECTION 5: RECOMMENDATIONS AND CONCLUSION

RECOMMENDATIONS

The final phase of the analysis process is to identify the mitigation measures necessary to minimize the impact of the project on the transportation system. The proponent has made a commitment to implement the mitigation measures listed below.

Site Access

It is recommended that access into the site from South Grove Street or Cole Avenue Street, be designed to provide one entering lane and one exiting lane. The site driveways should be placed under STOP sign control.

Off-Site

At the signalized intersections on South Main Street within the study area, intersections are projected to operate at acceptable levels of service or near capacity during the peak hours. The addition of site-generated traffic will not significantly impact intersection operations. It is recommended that these intersections be monitored under future conditions when the project has been constructed and the signal timings and phasings be reviewed. If necessary, at that time, the project proponent should work with the City of Haverhill to affect signal timing and phasing changes to optimize traffic flow.

Transportation Demand Management

As part of the proponent's commitment to supporting Transportation Demand management (TDM) measures to reduce single occupancy vehicles (SOV) trips and to encourage the use of alternative modes of transportation to the site, the following TDM efforts will also be implemented:

- An on-site transportation coordinator (TC) will be assigned to coordinate the traffic reduction program for the project,

- The transportation coordinator will work with the City of Haverhill, the MassDOT and the MVRPC to develop the elements of the traffic reduction program for the project,
- Sidewalks and pedestrian areas will be provided within the project,
- Designating one parking space for car/vanpool parking on the site as a convenience to promote ridesharing,
- Designating one parking space for low-emission vehicles closer to building entrances to promote the use of clean fuel vehicles,
- Develop accommodations for car sharing services (e.g. Zip Car),
- The project will include provision of safe, secure, weather protected bicycle racks and/or storage lockers. Signs will be provided at appropriate locations within the project directing bicyclists to the bicycle storage facilities,
- Investigate the establishment of a Transportation Management Association (TMA) in conjunction with other local businesses within Haverhill. The formation of the TMA for this area could greatly assist in the reduction of single occupancy vehicle by providing information on public transit and identifying carpooling opportunities, and
- Coordinate with the MVRTA to investigate the feasibility of implementing appropriate transit service to the project site.

The project proponent will, in consultation with the City of Haverhill, conduct a traffic monitoring and reporting program which will include a survey of resident's participation in the TDM program. The traffic monitoring program will include measuring traffic volumes at the access points to the project over a continuous 7-day, week-long period and will be conducted at 12 months after issuance of the Final Certificate of Occupancy for the project. The results of the traffic monitoring and reporting program will be provided to the City of Haverhill and will be used, in part, to develop additional strategies as necessary to increase and expand the TDM program.

CONCLUSION

Review of the Project and the access plans shows that in relation to roadway capacity, traffic safety, and traffic impacts upon the surrounding roadway network, the proposed project will meet safety standards and have a minimal impact on existing traffic conditions. With the proposed access, in conjunction with the mitigation measures described above, safe and efficient access can be provided to the clientele of each Project and to the motoring public in the area.



UPDATED MOTOR VEHICLE CRASH DATA



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Crash Number	Crash Date	Crash Time	Crash Severity	Maximum Injury Severity Reported	Number of Non-Fatal Injuries	Number of Fatal Injuries	Number of Vehicles	Manner of Collision	Vehicle Action Prior to Crash	Vehicle Travel Direction	First Harmful Event	Vehicle Sequence of Events	HR & Run	Road Surface	Weather Condition	Roadway	Traffic Way	Roadway Intersection Type	Traffic Control Device Type	Traffic Device Functioning	Crash Status
3550120	7/8/2013	4:35 PM	Property damage only (none injured)	No injury	0	0	2	Angle	V1: Travelling straight ahead / V2: Travelling straight ahead	V2 E / V2 M	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH GROVE ST / SOUTH KIMBALL ST	Two-way, not divided	Four-way intersection	Stop sign	No, device not functioning	Closed
3465095	3/15/2013	8:34 AM	Property damage only (none injured)	No injury	0	0	2	Crash	V1: Travelling straight ahead	V1 W	Collision with curb	V1 (Collision with curb)	No hit and run	Dry	Clear	SOUTH MAIN STREET / SOUTH CENTRAL STREET	Two-way, not divided	Not at junction	Reported on myFile	Not reported	Closed
3550466	7/27/2013	2:32 PM	Property damage only (none injured)	No injury	0	0	3	Rear-end	V1: Travelling straight ahead / V2: Travelling straight ahead / V3: Travelling straight ahead	V1 S / V2 S / V3 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic) / V3 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH MAIN STREET Rte 125 S / FERRY STREET	Not reported	Not reported	Traffic control signal	No, device not functioning	Closed
4008146	1/24/2015	9:32 AM	Property damage only (none injured)	No injury	0	0	2	Angle	V1: Travelling straight ahead / V2: Turning left	V1 S / V2 E	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Snow	Snow	FERRY ST / SOUTH MAIN ST	Two-way, not divided	T-intersection	No controls	Not reported	Closed
4122735	11/23/2015	3:27 PM	Property damage only (none injured)	No injury	0	0	2	Rear-end	V1: Slowing or stopped in traffic / V2: Travelling straight ahead	V1 N / V2 N	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH MAIN STREET	Two-way, not divided	T-intersection	Traffic control signal	Yes, device functioning	Closed
4338328	3/9/2017	3:36 PM	Property damage only (none injured)	No injury	0	0	2	Sideswipe, opposite directions	V1: Turning right / V2: Travelling straight ahead	V1 E / V2 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Slush	Clear	SOUTH MAIN STREET / FERRY STREET	Two-way, not divided	T-intersection	No controls	Not reported	Closed
3587779	8/29/2013	8:20 PM	Property damage only (none injured)	No injury	0	0	2	Angle	V1: Turning right / V2: Turning left	V1 N / V2 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH MAIN ST Rte 125 S / SALEM ST / SOUTH ELM ST	Two-way, not divided	Four-way intersection	Traffic control signal	No, device not functioning	Closed
3655053	12/8/2013	9:19 AM	Property damage only (none injured)	No injury	0	0	2	Rear-end	V1: Slowing or stopped in traffic / V2: Travelling straight ahead	V1 E / V2 N	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH ELM ST / SOUTH MAIN ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3734323	1/13/2014	1:09 PM	Property damage only (none injured)	No injury	0	0	2	Angle	V1: Changing lanes / V2: Travelling straight ahead	V1 S / V2 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Wet	Cloudy	SOUTH MAIN ST Rte 125 S / SOUTH ELM STREET	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3734362	1/22/2014	5:20 PM	Property damage only (none injured)	No injury	0	0	2	Angle	V1: Travelling straight ahead / V2: Turning left	V1 E / V2 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH ELM ST / SOUTH MAIN ST	Two-way, not divided	Four-way intersection	Traffic control signal	No, device not functioning	Closed
3765932	2/9/2014	2:23 AM	Property damage only (none injured)	No injury	0	0	1	Crash	V1: Travelling straight ahead	V1 E	Collision with guardrail	V1 (Collision with guardrail)	No hit and run	Dry	Clear	SALEM ST / SOUTH MAIN ST Rte 125 N	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3799913	3/24/2014	8:12 PM	Property damage only (none injured)	No injury	0	0	3	Sideswipe, same direction	V1: Slowing or stopped in traffic / V2: Travelling straight ahead / V3: Changing lanes	V1 S / V2 S / V3 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic) / V3 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH MAIN ST Rte 125 S / SALEM MAIN ST / SOUTH ELM ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3790085	3/10/2014	8:10 AM	Non-fatal injury - Possible	Non-fatal injury - Possible	1	0	2	Intersection	V1: Travelling straight ahead / V2: Travelling straight ahead	V1 N / V2 N	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Snow	Cloudy/Snow	SALEM STREET / SOUTH MAIN STREET	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3802045	4/25/2015	4:59 PM	Property damage only (none injured)	No injury	0	0	2	Head-on	V1: Turning left / V2: Travelling straight ahead	V1 S / V2 N	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SOUTH MAIN ST / SALEM ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3802058	4/30/2015	8:26 PM	Non-fatal injury - Possible	Non-fatal injury - Possible	2	0	2	Angle	V1: Travelling straight ahead / V2: Turning left	V1 N / V2 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Wet	Rain	SALEM ST / SOUTH MAIN ST Rte 125 N	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3884336	3/20/2014	6:47 PM	Non-fatal injury - Non-incapacitating	Non-fatal injury - Non-incapacitating	1	0	3	Crash	V1: Travelling straight ahead / V2: Turning left	V1 E / V2 E	Other non-collision	V1 (Other non-collision) / V2 (Other non-collision)	No hit and run	Dry	Clear	SOUTH ELM ST / SOUTH MAIN ST Rte 125 / SALEM ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3879153	6/23/2014	5:40 PM	Non-fatal injury - Incapacitating	Non-fatal injury - Incapacitating	1	0	2	Head-on	V1: Travelling straight ahead / V2: Turning left	V1 W / V2 E	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SALEM ST / SOUTH MAIN ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3904786	7/13/2014	12:00 AM	Property damage only (none injured)	No injury	0	0	2	Intersection	V1: Travelling straight ahead / V2: Travelling straight ahead	V1 N / V2 N	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Wet	Rain	SALEM ST / SOUTH MAIN ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
3993021	12/23/2014	7:51 PM	Property damage only (none injured)	No injury	0	0	2	Angle	V1: Travelling straight ahead / V2: Travelling straight ahead	V1 W / V2 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Wet	Rain	SOUTH ELM ST / SOUTH MAIN ST	Two-way, divided, unprotected median	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
4008997	1/24/2015	11:52 AM	Property damage only (none injured)	No injury	0	0	3	Angle	V1: Travelling straight ahead / V2: Slowing or stopped in traffic / V3: Slowing or stopped in traffic	V2 W / V2 S / V3 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic) / V3 (Collision with motor vehicle in traffic)	No hit and run	Snow	Snow	SALEM STREET / SOUTH MAIN STREET	Two-way, not divided	Four-way intersection	Traffic control signal	Not reported	Closed
4092606	8/6/2015	11:17 AM	Non-fatal injury - Possible	Non-fatal injury - Possible	1	0	2	Single vehicle crash	V1: Travelling straight ahead / V2: Travelling straight ahead	V1 W / V2 E	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear/Cloudy	SOUTH ELM STREET / SOUTH MAIN STREET	Two-way, not divided	Four-way intersection	Traffic control signal	Not reported	Closed
4133449	12/23/2013	9:12 PM	Property damage only (none injured)	No injury	0	0	2	Crash	V1: Turning left	V1 N	Collision with other light pole or other post/support	V1 (Collision with other light pole or other post/support)	No hit and run	Wet	Cloudy	SOUTH ELM ST / SOUTH MAIN ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed
4155483	1/12/2016	2:55 PM	Property damage only (none injured)	No injury	0	0	2	Angle	V1: Travelling straight ahead / V2: Turning left	V1 E / V2 S	Collision with motor vehicle in traffic	V1 (Collision with motor vehicle in traffic) / V2 (Collision with motor vehicle in traffic)	No hit and run	Dry	Clear	SALEM ST / SOUTH MAIN ST	Two-way, not divided	Four-way intersection	Traffic control signal	Yes, device functioning	Closed

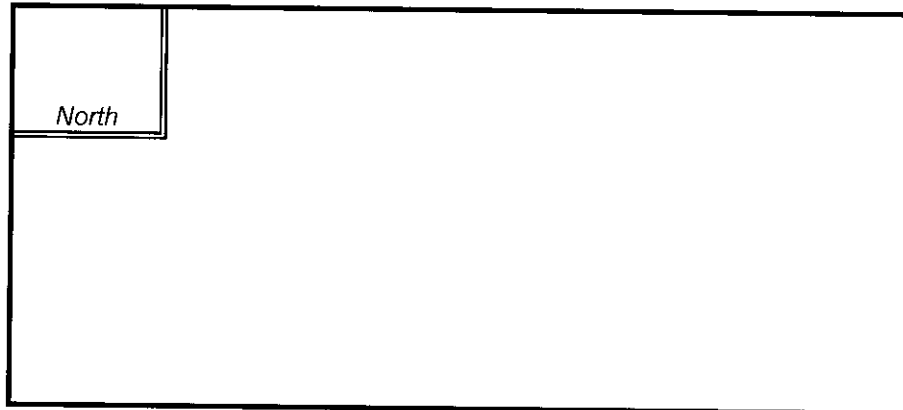
INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Haverhill COUNT DATE : May-16
 DISTRICT : 4 UNSIGNALIZED : ☒ SIGNALIZED : ☐

~ INTERSECTION DATA ~

MAJOR STREET : South Kimball Street
 MINOR STREET(S) : South Grove Street

INTERSECTION
 DIAGRAM
 (Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	EB	WB	NB	SB		
PEAK HOURLY VOLUMES (AM/PM) :	45	57	9	12		123

"K" FACTOR :

0.090

INTERSECTION ADT (V) = TOTAL DAILY
 APPROACH VOLUME :

1,367

TOTAL # OF CRASHES :

1

OF
 YEARS :

5

AVERAGE # OF
 CRASHES PER YEAR (A) :

0.20

CRASH RATE CALCULATION :

0.40

RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : _____

Project Title & Date: _____

INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Haverhill COUNT DATE : May-16
 DISTRICT : 4 UNSIGNALIZED : ☐ SIGNALIZED : ☒

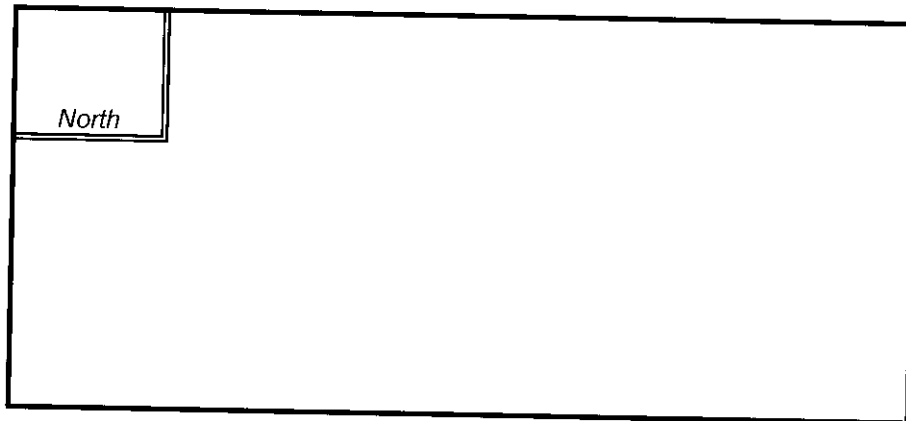
~ INTERSECTION DATA ~

MAJOR STREET : South Main Street

MINOR STREET(S) : Ferry Street

South Central Street

INTERSECTION
 DIAGRAM
 (Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	EB	WB	NB	SB		
PEAK HOURLY VOLUMES (AM/PM) :	0	128	831	710		1,669

"K" FACTOR : 0.090

INTERSECTION ADT (V) = TOTAL DAILY
 APPROACH VOLUME :

18,544

TOTAL # OF CRASHES : 5

OF
 YEARS :

5

AVERAGE # OF
 CRASHES PER YEAR (A) :

1.00

CRASH RATE CALCULATION :

0.15

RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : _____

Project Title & Date: _____

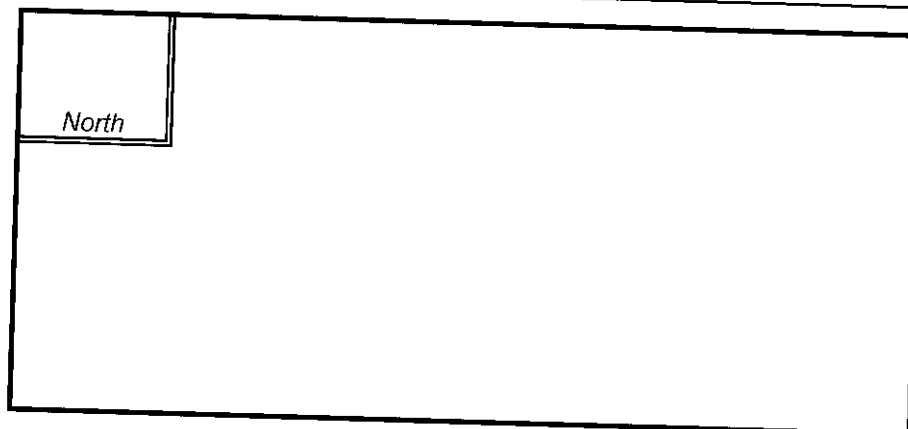
INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Haverhill COUNT DATE : May-16
 DISTRICT : 4 UNSIGNALIZED : ☐ SIGNALIZED : ☒

~ INTERSECTION DATA ~

MAJOR STREET : South Main Street
 MINOR STREET(S) : South Elm Street
Salem Street

INTERSECTION
 DIAGRAM
 (Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	EB	WB	NB	SB		
PEAK HOURLY VOLUMES (AM/PM) :	140	555	632	595		1,922

"K" FACTOR :

0.090

INTERSECTION ADT (V) = TOTAL DAILY APPROACH VOLUME :

21,356

TOTAL # OF CRASHES :

29

OF YEARS :

5

AVERAGE # OF CRASHES PER YEAR (A) :

5.80

CRASH RATE CALCULATION :

0.74

RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments :

Project Title & Date :

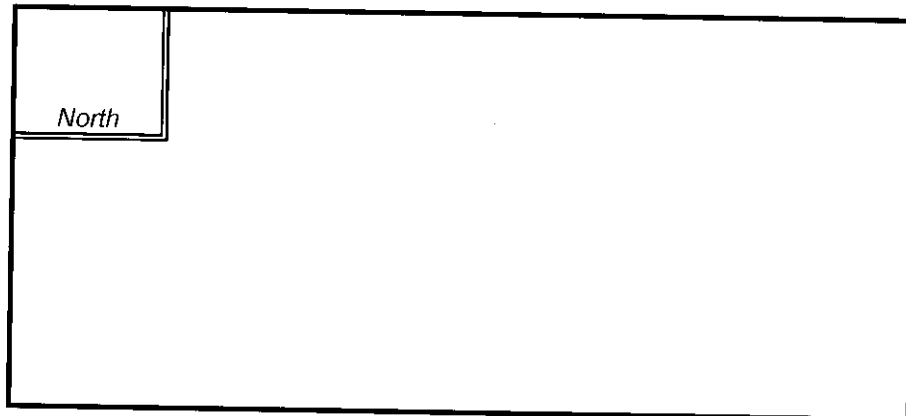
INTERSECTION CRASH RATE WORKSHEET

CITY/TOWN : Haverhill COUNT DATE : May-16
 DISTRICT : 6 UNSIGNALIZED : ☒ SIGNALIZED : ☐

~ INTERSECTION DATA ~

MAJOR STREET : Salem Street
 MINOR STREET(S) : Peabody Street

INTERSECTION
 DIAGRAM
 (Label Approaches)



PEAK HOUR VOLUMES

APPROACH :	1	2	3	4	5	Total Peak Hourly Approach Volume
DIRECTION :	EB	WB	NB	SB		
PEAK HOURLY VOLUMES (AM/PM) :	372	522	0	26		920

"K" FACTOR :

0.090

INTERSECTION ADT (V) = TOTAL DAILY
 APPROACH VOLUME :

10,222

TOTAL # OF CRASHES :

1

OF
 YEARS :

5

AVERAGE # OF
 CRASHES PER YEAR (A) :

0.20

CRASH RATE CALCULATION :

0.05

RATE = $\frac{(A * 1,000,000)}{(V * 365)}$

Comments : _____

Project Title & Date: _____



TRIP GENERATION DATA



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Proposed Apartments, Haverhill, MA

Land Use Code (LUC) 221 - Multifamily Housing (Mid-Rise)_

Source: Institute of Transportation Engineers (ITE) - 10th Edition

Average Vehicle Trips Ends vs: Dwelling units

Independent Variable (X): 54

AVERAGE WEEKDAY DAILY

$T = 5.45 * (X) - 1.75$ 27 Studies, Avg size = 205 units

$T = 5.45 * (54) - 1.75$ $R^2 = 0.77$, AR = 5.44

$T = 292.55$

$T = 292$ vehicle trips 5.41

with 50% (146 vpd) entering and 50% (146 vpd) exiting.

WEEKDAY MORNING PEAK HOUR OF ADJACENT STREET TRAFFIC

$\ln T = 0.98 \ln (X) - 0.98$

$\ln T = 0.98 \ln (54) - 0.98$ 53 Studies, Avg size = 207 units

$\ln T = 2.93$ $R^2 = 0.67$, AR = 0.36

$T = 18.71$

$T = 19$ vehicle trips

with 26% (5 vph) entering and 74% (14 vph) exiting.

0.09

0.26

WEEKDAY MORNING PEAK HOUR OF GENERATOR

$\ln T = 0.83 \ln (X) - 0.27$

$\ln T = 0.83 \ln (54) - 0.27$ 48 Studies, Avg size = 225 units

$\ln T = 3.04$ $R^2 = 0.69$, AR = 0.32

$T = 20.92$

$T = 21$ vehicle trips

with 27% (6 vph) entering and 73% (15 vph) exiting.

0.11

0.28

WEEKDAY EVENING PEAK HOUR OF ADJACENT STREET TRAFFIC

$\ln T = 0.96 \ln (X) - 0.63$

$\ln T = 0.96 \ln (54) - 0.63$ 60 Studies, Avg size = 208 units

$\ln T = 3.20$ $R^2 = 0.72$, AR = 0.44

$T = 24.52$

$T = 25$ vehicle trips

with 61% (15 vph) entering and 39% (10 vph) exiting.

0.28

0.19

Proposed Apartments, Haverhill, MA

Land Use Code (LUC) 221 - Multifamily Housing (Mid-Rise)
Source: Institute of Transportation Engineers (ITE) - 10th Edition

Average Vehicle Trips Ends vs: Dwelling units
Independent Variable (X): 54

WEEKDAY EVENING PEAK HOUR OF GENERATOR

$$\ln T = 0.83 \ln (X) - 0.05$$

$$\ln T = 0.83 \ln (54) - 0.05 \quad 47 \text{ Studies, Avg size} = 211 \text{ units}$$

$$\ln T = 3.26$$

$$R^2 = 0.66, AR = 0.41$$

$$T = 26.07$$

$$T = 26 \quad \text{vehicle trips}$$

$$\text{with } 60\% (16 \text{ vph}) \text{ entering and } 40\% (10 \text{ vph}) \text{ exiting.}$$

$$0.30$$

$$0.19$$

SATURDAY DAILY

$$T = 3.04 * (X) + 417.11$$

$$6 \text{ Studies, Avg size} = 224 \text{ units}$$

$$T = 3.04 * (54) + 417.11 \quad R^2 = 0.73, AR = 4.91$$

$$T = 581.27$$

$$T = 582 \quad \text{vehicle trips} \quad 10.78$$

$$\text{with } 50\% (291 \text{ vpd}) \text{ entering and } 50\% (291 \text{ vpd}) \text{ exiting.}$$

SATURDAY MIDDAY PEAK HOUR OF GENERATOR

$$T = 0.42 * (X) + 6.73$$

$$8 \text{ Studies, Avg size} = 264 \text{ units}$$

$$T = 0.42 * (54) + 6.73 \quad R^2 = 0.89, AR = 0.44$$

$$T = 29.41$$

$$T = 29 \quad \text{vehicle trips}$$

$$\text{with } 49\% (14 \text{ vph}) \text{ entering and } 51\% (15 \text{ vph}) \text{ exiting.}$$

$$0.26$$

$$0.28$$

SUNDAY DAILY

$$T = 4.09 * (X)$$

$$6 \text{ Studies, Avg size} = 224 \text{ units}$$

$$T = 4.09 * (54) \quad R^2 = \text{Not Given}, AR = 4.09$$

$$T = 220.86$$

$$T = 221 \quad \text{vehicle trips} \quad 4.09$$

$$\text{with } 50\% (108 \text{ vph}) \text{ entering and } 50\% (113 \text{ vph}) \text{ exiting.}$$

SUNDAY MIDDAY PEAK HOUR OF GENERATOR

$$T = 0.39 * (X)$$

$$6 \text{ Studies, Avg size} = 224 \text{ units}$$

$$T = 0.39 * (54) \quad R^2 = \text{Not Given}, AR = 0.39$$

$$T = 21.06$$

$$T = 21 \quad \text{vehicle trips} \quad 0.39$$

$$\text{with } 62\% (13 \text{ vph}) \text{ entering and } 38\% (8 \text{ vph}) \text{ exiting.}$$



CAPACITY ANALYSIS METHODOLOGY



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CAPACITY ANALYSIS METHODOLOGY

Levels of Service

Level of service (LOS) is a quantitative measure used to describe the operation of an intersection or roadway segment. The level of service definition is described by the quality of traffic flow and is primarily defined in terms of traffic delays. The primary result of capacity analyses⁴ is the assignment of a level of service to traffic intersections or roadway segments under various traffic-flow conditions. Six levels of service are defined for traffic intersections and roadway segments. Levels of service range from LOS A to LOS F. LOS A represents very good operating conditions and LOS F represents very poor operating conditions.

Unsignalized Intersections

The level of service for an unsignalized intersection is determined by the methodology and procedures described in the 2010 *Highway Capacity Manual*.⁵ The level of service for unsignalized intersections is measured in terms of average delay for the critical movements (typically side street turning movements or mainline turning movements). The delay for the critical movements is a function of the available capacity for the movement and the degree of saturation of the lane group containing the critical movement. The delay calculation includes the effects of initial deceleration delay approaching a STOP sign, stopped delay, queue move-up time, and final acceleration delay from a stopped condition. The definitions for level of service at unsignalized intersections are also provided in the 2010 *Highway Capacity Manual*. Table A summarizes the relationship between level of service and average control delay for the critical movements at unsignalized intersections.

TABLE A
LEVEL-OF-SERVICE CRITERIA FOR UNSIGNALIZED INTERSECTIONS^a

Average Delay (seconds per vehicle)	Resulting Level of Service $v/c^b < 1.0$	Resulting Level of Service $v/c > 1.0$
≤ 10.0	A	F
10.1 to 15.0	B	F
15.1 to 25.0	C	F
25.1 to 35.0	D	F
35.1 to 50.0	E	F
> 50.0	F	F

^a*Highway Capacity Manual*; Transportation Research Board; Elm, DC; 2010; page 19-2

^bVolume to capacity ratio.

⁴The capacity analysis methodology is based on procedures presented in the *Highway Capacity Manual*; Transportation Research Board; Washington, DC; 2010.

⁵*Highway Capacity Manual*; Transportation Research Board; Washington, DC; 2010.



The analytical methodologies used for the analysis of unsignalized intersections use conservative analysis parameters, such as high critical gaps. The critical gap is defined as the minimum time between successive main line vehicles for a side street vehicle to execute the appropriate turning maneuver. Actual field observations indicate that drivers on minor streets accept smaller gaps in traffic than those used in the analysis procedures and therefore experience less delay than calculated by the HCM methodology. **The analysis results overstate the actual delays experienced in the field.** It should be noted that the unsignalized intersections along heavily trafficked roadways operate at constrained levels and the resulting calculated results of the unsignalized intersection analyses should be considered highly conservative.

Signalized Intersections

Levels of service for signalized intersections are calculated using the methodology and procedures described in the 2010 *Highway Capacity Manual*. The methodology assesses the intersection based on type of signal operation, signal timing and phasing, progression, vehicle mix, and intersection geometrics. Level-of-service designations are based on the delay per vehicle. Table B summarizes the relationship between level of service and delay. The calculated delay values result in level-of-service designations which are applied to individual lane groups, to individual intersection approaches, and to the entire intersection.

TABLE B
LEVEL-OF-SERVICE CRITERIA FOR SIGNALIZED INTERSECTIONS^a

Delay per Vehicle (Seconds)	Resulting Level of Service $v/c^b < 1.0$	Resulting Level of Service $v/c^b > 1.0$
≤ 10.0	A	F
10.1 to 20.0	B	F
20.1 to 35.0	C	F
35.1 to 55.0	D	F
55.1 to 80.0	E	F
> 80.0	F	F

^a*Highway Capacity Manual*, Transportation Research Board; Macy, DC; 2010; page 18-6.

^bVolume to capacity ratio.



CAPACITY ANALYSIS WORKSHEETS



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1: S Elm St./Salem St. & S Main St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	34	188	2	210	97	250	2	529	23	188	549	25
Future Volume (vph)	34	188	2	210	97	250	2	529	23	188	549	25
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		200	0		0	200		0
Storage Lanes	0		0	0		1	0		1	1		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.996				0.850			0.850		0.992	
Flt Protected		0.992			0.968					0.950		
Satd. Flow (prot)	0	1839	0	0	1724	1524	0	1793	1029	1687	1768	0
Flt Permitted		0.783			0.596			0.996		0.130		
Satd. Flow (perm)	0	1451	0	0	1061	1524	0	1786	1029	231	1768	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		2				338			116		4	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		623			393			319			1244	
Travel Time (s)		14.2			8.9			7.3			28.3	
Peak Hour Factor	0.81	0.86	0.25	0.91	0.78	0.74	0.50	0.90	0.66	0.77	0.81	0.69
Heavy Vehicles (%)	3%	2%	0%	6%	8%	6%	0%	6%	57%	7%	6%	18%
Adj. Flow (vph)	42	219	8	231	124	338	4	588	35	244	678	36
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	269	0	0	355	338	0	592	35	244	714	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2	1	1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru	Right	Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100	20	20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0	0	0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0	0	0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6	20	20	6	
Detector 1 Type	CI+Ex	CI+Ex		CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		CI+Ex			CI+Ex			CI+Ex			CI+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA	Perm	Perm	NA	Perm	pm+pt	NA	
Protected Phases		4			8			2		1	6	

1: S Elm St./Salem St. & S Main St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	4			8		8	2		2	6		
Detector Phase	4	4		8	8	8	2	2	2	1	6	
Switch Phase												
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	23.0	23.0		23.0	23.0	23.0	23.0	23.0	23.0	11.0	23.5	
Total Split (s)	37.0	37.0		37.0	37.0	37.0	41.0	41.0	41.0	16.0	57.0	
Total Split (%)	39.4%	39.4%		39.4%	39.4%	39.4%	43.6%	43.6%	43.6%	17.0%	60.6%	
Maximum Green (s)	30.0	30.0		30.0	30.0	30.0	35.0	35.0	35.0	10.0	51.0	
Yellow Time (s)	4.0	4.0		4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Lost Time Adjust (s)		0.0			0.0	0.0		0.0	0.0	0.0	0.0	
Total Lost Time (s)		7.0			7.0	7.0		6.0	6.0	6.0	6.0	
Lead/Lag							Lag	Lag	Lag	Lead		
Lead-Lag Optimize?							Yes	Yes	Yes	Yes		
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	None		None	None	None	Max	Max	Max	None	Max	
Walk Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0		5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0	11.0	11.0	11.0	11.0		11.0	
Pedestrian Calls (#/hr)	0	0		0	0	0	0	0	0		0	
Act Effct Green (s)		30.0			30.0	30.0		35.0	35.0	51.0	51.0	
Actuated g/C Ratio		0.32			0.32	0.32		0.37	0.37	0.54	0.54	
v/c Ratio		0.58			1.05	0.47		0.89	0.08	0.87	0.74	
Control Delay		32.5			96.3	5.2		45.5	0.3	47.5	22.3	
Queue Delay		0.0			0.0	0.0		0.0	0.0	0.0	0.0	
Total Delay		32.5			96.3	5.2		45.5	0.3	47.5	22.3	
LOS		C			F	A		D	A	D	C	
Approach Delay		32.5			51.8			43.0			28.7	
Approach LOS		C			D			D			C	

Intersection Summary

Area Type: Other

Cycle Length: 94

Actuated Cycle Length: 94

Natural Cycle: 90

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 1.05

Intersection Signal Delay: 38.9

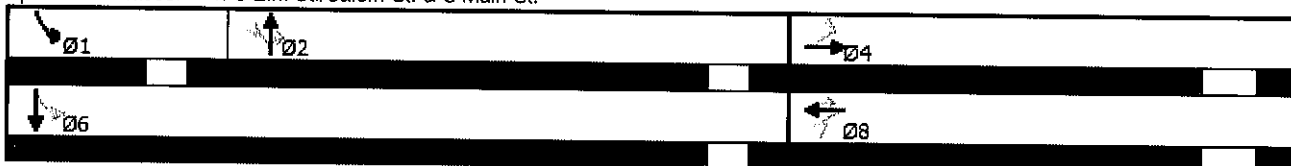
Intersection Capacity Utilization 108.7%

Analysis Period (min) 15

Intersection LOS: D

ICU Level of Service G

Splits and Phases: 1: S Elm St./Salem St. & S Main St.



1: S Elm St./Salem St. & S Main St.
Timings

2023 Build Weekday AM Peak Hour

	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group										
Lane Configurations		↕		↕	↕		↕	↕	↕	↕
Traffic Volume (vph)	34	188	210	97	250	2	529	23	188	549
Future Volume (vph)	34	188	210	97	250	2	529	23	188	549
Turn Type	Perm	NA	Perm	NA	Perm	Perm	NA	Perm	pm+pt	NA
Protected Phases		4		8			2		1	6
Permitted Phases	4		8		8	2		2	6	
Detector Phase	4	4	8	8	8	2	2	2	1	6
Switch Phase										
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	11.0	23.5
Total Split (s)	37.0	37.0	37.0	37.0	37.0	41.0	41.0	41.0	16.0	57.0
Total Split (%)	39.4%	39.4%	39.4%	39.4%	39.4%	43.6%	43.6%	43.6%	17.0%	60.6%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0
All-Red Time (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lost Time Adjust (s)		0.0		0.0	0.0		0.0	0.0	0.0	0.0
Total Lost Time (s)		7.0		7.0	7.0		6.0	6.0	6.0	6.0
Lead/Lag						Lag	Lag	Lag	Lead	
Lead-Lag Optimize?						Yes	Yes	Yes	Yes	
Recall Mode	None	None	None	None	None	Max	Max	Max	None	Max
Act Effct Green (s)		30.0		30.0	30.0		35.0	35.0	51.0	51.0
Actuated g/C Ratio		0.32		0.32	0.32		0.37	0.37	0.54	0.54
v/c Ratio		0.58		1.05	0.47		0.89	0.08	0.87	0.74
Control Delay		32.5		96.3	5.2		45.5	0.3	47.5	22.3
Queue Delay		0.0		0.0	0.0		0.0	0.0	0.0	0.0
Total Delay		32.5		96.3	5.2		45.5	0.3	47.5	22.3
LOS		C		F	A		D	A	D	C
Approach Delay		32.5		51.8			43.0			28.7
Approach LOS		C		D			D			C

Intersection Summary

Cycle Length: 94

Actuated Cycle Length: 94

Natural Cycle: 90

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 1.05

Intersection Signal Delay: 38.9

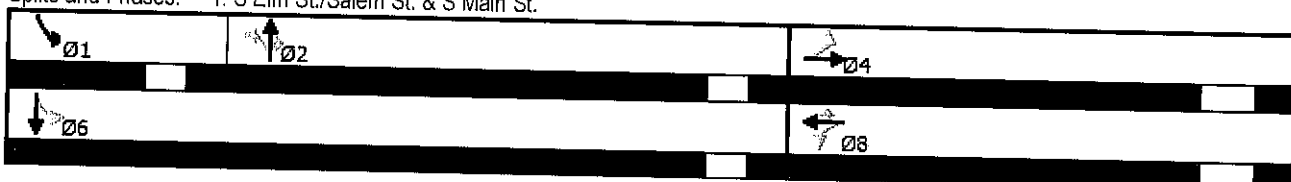
Intersection Capacity Utilization 108.7%

Analysis Period (min) 15

Intersection LOS: D

ICU Level of Service G

Splits and Phases: 1: S Elm St./Salem St. & S Main St.



1: S Elm St./Salem St. & S Main St.
Queues

2023 Build Weekday AM Peak Hour

	→	←	↖	↑	↗	↘	↓
Lane Group	EBT	WBT	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	269	355	338	592	35	244	714
v/c Ratio	0.58	1.05	0.47	0.89	0.08	0.87	0.74
Control Delay	32.5	96.3	5.2	45.5	0.3	47.5	22.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	32.5	96.3	5.2	45.5	0.3	47.5	22.3
Queue Length 50th (ft)	132	~232	0	326	0	78	306
Queue Length 95th (ft)	202	#322	21	#530	0	#148	373
Internal Link Dist (ft)	543	313		239			1164
Turn Bay Length (ft)			200			200	
Base Capacity (vph)	464	338	716	665	455	280	961
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.58	1.05	0.47	0.89	0.08	0.87	0.74

Intersection Summary

- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: S Elm St./Salem St. & S Main St.
 HCM Signalized Intersection Capacity Analysis

2023 Build Weekday AM Peak Hour

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	34	188	2	210	97	250	2	529	23	188	549	25
Future Volume (vph)	34	188	2	210	97	250	2	529	23	188	549	25
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0			7.0	7.0		6.0	6.0	6.0	6.0	
Lane Util. Factor		1.00			1.00	1.00		1.00	1.00	1.00	1.00	
Frt		1.00			1.00	0.85		1.00	0.85	1.00	0.99	
Flt Protected		0.99			0.97	1.00		1.00	1.00	0.95	1.00	
Satd. Flow (prot)		1839			1725	1524		1793	1029	1687	1769	
Flt Permitted		0.78			0.60	1.00		1.00	1.00	0.13	1.00	
Satd. Flow (perm)		1451			1062	1524		1785	1029	231	1769	
Peak-hour factor, PHF	0.81	0.86	0.25	0.91	0.78	0.74	0.50	0.90	0.66	0.77	0.81	0.69
Adj. Flow (vph)	42	219	8	231	124	338	4	588	35	244	678	36
RTOR Reduction (vph)	0	1	0	0	0	230	0	0	22	0	2	0
Lane Group Flow (vph)	0	268	0	0	355	108	0	592	13	244	712	0
Heavy Vehicles (%)	3%	2%	0%	6%	8%	6%	0%	6%	57%	7%	6%	18%
Turn Type	Perm	NA		Perm	NA	Perm	Perm	NA	Perm	pm+pt	NA	
Protected Phases		4			8			2		1	6	
Permitted Phases	4			8		8	2		2	6		
Actuated Green, G (s)		30.0			30.0	30.0		35.0	35.0	51.0	51.0	
Effective Green, g (s)		30.0			30.0	30.0		35.0	35.0	51.0	51.0	
Actuated g/C Ratio		0.32			0.32	0.32		0.37	0.37	0.54	0.54	
Clearance Time (s)		7.0			7.0	7.0		6.0	6.0	6.0	6.0	
Vehicle Extension (s)		3.0			3.0	3.0		3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)		463			338	486		664	383	280	959	
v/s Ratio Prot										0.09	c0.40	
v/s Ratio Perm		0.18			c0.33	0.07		0.33	0.01	c0.38		
v/c Ratio		0.58			1.05	0.22		0.89	0.03	0.87	0.74	
Uniform Delay, d1		26.7			32.0	23.4		27.7	18.8	19.1	16.5	
Progression Factor		1.00			1.00	1.00		1.00	1.00	1.00	1.00	
Incremental Delay, d2		1.8			62.7	0.2		16.6	0.2	24.3	5.2	
Delay (s)		28.5			94.7	23.7		44.3	18.9	43.4	21.7	
Level of Service		C			F	C		D	B	D	C	
Approach Delay (s)		28.5			60.1			42.9			27.2	
Approach LOS		C			E			D			C	

Intersection Summary

HCM 2000 Control Delay	40.2	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.99		
Actuated Cycle Length (s)	94.0	Sum of lost time (s)	19.0
Intersection Capacity Utilization	108.7%	ICU Level of Service	G
Analysis Period (min)	15		
c Critical Lane Group			

13: S Main St. & S Central St & Ferry St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

										
Lane Group	WBL	WBR	NBT	NBR	NBR2	SBL2	SBL	SBT	NWL	NWR
Lane Configurations										
Traffic Volume (vph)	114	85	754	42	57	63	76	634	0	0
Future Volume (vph)	114	85	754	42	57	63	76	634	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0		0			100		0	0
Storage Lanes	1	0		0			1		0	0
Taper Length (ft)	25						25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.949		0.980							
Flt Protected	0.970						0.950			
Satd. Flow (prot)	1471	0	1731	0	0	0	1758	1863	0	0
Flt Permitted	0.970						0.062			
Satd. Flow (perm)	1471	0	1731	0	0	0	115	1863	0	0
Right Turn on Red		Yes			Yes					
Satd. Flow (RTOR)	110		6							
Link Speed (mph)	30		30					30	30	
Link Distance (ft)	550		1244					235	1107	
Travel Time (s)	12.5		28.3					5.3	25.2	
Peak Hour Factor	0.67	0.83	0.90	0.58	0.78	0.82	0.49	0.81	0.25	0.25
Heavy Vehicles (%)	14%	27%	5%	43%	2%	2%	3%	2%	0%	0%
Adj. Flow (vph)	170	102	838	72	73	77	155	783	0	0
Shared Lane Traffic (%)										
Lane Group Flow (vph)	272	0	983	0	0	0	232	783	0	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Right	Left	Left	Left	Left	Right
Median Width(ft)	12		12					12	0	
Link Offset(ft)	0		0					0	0	
Crosswalk Width(ft)	16		16					16	16	
Two way Left Turn Lane										
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	9	15	15		15	9
Number of Detectors	1		2			1	1	2		
Detector Template	Left		Thru			Left	Left	Thru		
Leading Detector (ft)	20		100			20	20	100		
Trailing Detector (ft)	0		0			0	0	0		
Detector 1 Position(ft)	0		0			0	0	0		
Detector 1 Size(ft)	20		6			20	20	6		
Detector 1 Type	CI+Ex		CI+Ex			CI+Ex	CI+Ex	CI+Ex		
Detector 1 Channel										
Detector 1 Extend (s)	0.0		0.0			0.0	0.0	0.0		
Detector 1 Queue (s)	0.0		0.0			0.0	0.0	0.0		
Detector 1 Delay (s)	0.0		0.0			0.0	0.0	0.0		
Detector 2 Position(ft)			94					94		
Detector 2 Size(ft)			6					6		
Detector 2 Type			CI+Ex					CI+Ex		
Detector 2 Channel										
Detector 2 Extend (s)			0.0					0.0		
Turn Type	Prot		NA			pm+pt	pm+pt	NA		
Protected Phases	8		2			1	1	6		

13: S Main St. & S Central St & Ferry St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

										
Lane Group	WBL	WBR	NBT	NBR	NBR2	SBL2	SBL	SBT	NWL	NWR
Permitted Phases						6	6			
Detector Phase	8		2			1	1	6		
Switch Phase										
Minimum Initial (s)	4.0		4.0			4.0	4.0	4.0		
Minimum Split (s)	22.0		23.0			11.0	11.0	22.0		
Total Split (s)	25.0		67.0			17.0	17.0	84.0		
Total Split (%)	22.9%		61.5%			15.6%	15.6%	77.1%		
Maximum Green (s)	20.0		60.0			10.0	10.0	78.0		
Yellow Time (s)	3.0		3.0			3.0	3.0	4.0		
All-Red Time (s)	2.0		4.0			4.0	4.0	2.0		
Lost Time Adjust (s)	0.0		0.0				0.0	0.0		
Total Lost Time (s)	5.0		7.0				7.0	6.0		
Lead/Lag			Lag			Lead	Lead			
Lead-Lag Optimize?			Yes			Yes	Yes			
Vehicle Extension (s)	3.0		3.0			3.0	3.0	3.0		
Recall Mode	None		Max			None	None	Max		
Walk Time (s)	5.0		5.0					5.0		
Flash Dont Walk (s)	11.0		11.0					11.0		
Pedestrian Calls (#/hr)	0		0					0		
Act Effct Green (s)	16.2		60.1				77.1	78.1		
Actuated g/C Ratio	0.15		0.57				0.73	0.74		
v/c Ratio	0.85		0.99				0.97	0.57		
Control Delay	49.9		51.4				78.9	8.6		
Queue Delay	0.0		0.0				0.0	0.0		
Total Delay	49.9		51.4				78.9	8.6		
LOS	D		D				E	A		
Approach Delay	49.9		51.4					24.7		
Approach LOS	D		D					C		

Intersection Summary

Area Type: Other

Cycle Length: 109

Actuated Cycle Length: 105.4

Natural Cycle: 100

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.99

Intersection Signal Delay: 39.3

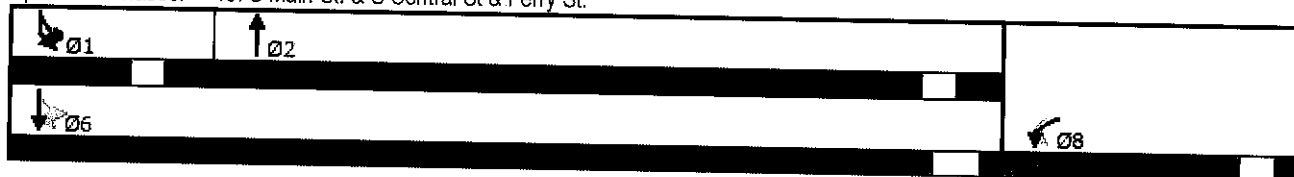
Intersection Capacity Utilization 80.7%

Analysis Period (min) 15

Intersection LOS: D

ICU Level of Service D

Splits and Phases: 13: S Main St. & S Central St & Ferry St.



13: S Main St. & S Central St & Ferry St.
Timings

2023 Build Weekday AM Peak Hour

	↙	↑	↘	↙	↓
Lane Group	WBL	NBT	SBL2	SBL	SBT
Lane Configurations	↙	↑		↘	↓
Traffic Volume (vph)	114	754	63	76	634
Future Volume (vph)	114	754	63	76	634
Turn Type	Prot	NA	pm+pt	pm+pt	NA
Protected Phases	8	2	1	1	6
Permitted Phases			6	6	
Detector Phase	8	2	1	1	6
Switch Phase					
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	22.0	23.0	11.0	11.0	22.0
Total Split (s)	25.0	67.0	17.0	17.0	84.0
Total Split (%)	22.9%	61.5%	15.6%	15.6%	77.1%
Yellow Time (s)	3.0	3.0	3.0	3.0	4.0
All-Red Time (s)	2.0	4.0	4.0	4.0	2.0
Lost Time Adjust (s)	0.0	0.0		0.0	0.0
Total Lost Time (s)	5.0	7.0		7.0	6.0
Lead/Lag		Lag	Lead	Lead	
Lead-Lag Optimize?		Yes	Yes	Yes	
Recall Mode	None	Max	None	None	Max
Act Effct Green (s)	16.2	60.1		77.1	78.1
Actuated g/C Ratio	0.15	0.57		0.73	0.74
v/c Ratio	0.85	0.99		0.97	0.57
Control Delay	49.9	51.4		78.9	8.6
Queue Delay	0.0	0.0		0.0	0.0
Total Delay	49.9	51.4		78.9	8.6
LOS	D	D		E	A
Approach Delay	49.9	51.4			24.7
Approach LOS	D	D			C

Intersection Summary

Cycle Length: 109

Actuated Cycle Length: 105.4

Natural Cycle: 100

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.99

Intersection Signal Delay: 39.3

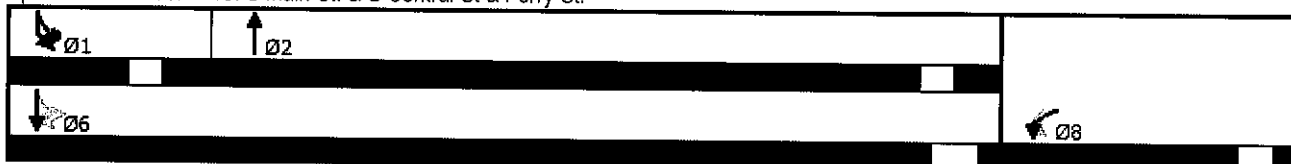
Intersection LOS: D

Intersection Capacity Utilization 80.7%

ICU Level of Service D

Analysis Period (min) 15

Splits and Phases: 13: S Main St. & S Central St & Ferry St.



13: S Main St. & S Central St & Ferry St.
Queues

2023 Build Weekday AM Peak Hour

	↙	↑	↘	↓
Lane Group	WBL	NBT	SBL	SBT
Lane Group Flow (vph)	272	983	232	783
v/c Ratio	0.85	0.99	0.97	0.57
Control Delay	49.9	51.4	78.9	8.6
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	49.9	51.4	78.9	8.6
Queue Length 50th (ft)	109	~680	108	222
Queue Length 95th (ft)	121	#986	73	271
Internal Link Dist (ft)	470	1164		155
Turn Bay Length (ft)			100	
Base Capacity (vph)	368	989	240	1381
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.74	0.99	0.97	0.57

Intersection Summary

- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

13: S Main St. & S Central St & Ferry St.
 HCM Signalized Intersection Capacity Analysis

2023 Build Weekday AM Peak Hour

										
Movement	WBL	WBR	NBT	NBR	NBR2	SBL2	SBL	SBT	NWL	NWR
Lane Configurations										
Traffic Volume (vph)	114	85	754	42	57	63	76	634	0	0
Future Volume (vph)	114	85	754	42	57	63	76	634	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0		7.0				7.0	6.0		
Lane Util. Factor	1.00		1.00				1.00	1.00		
Frt	0.95		0.98				1.00	1.00		
Flt Protected	0.97		1.00				0.95	1.00		
Satd. Flow (prot)	1471		1731				1758	1863		
Flt Permitted	0.97		1.00				0.06	1.00		
Satd. Flow (perm)	1471		1731				114	1863		
Peak-hour factor, PHF	0.67	0.83	0.90	0.58	0.78	0.82	0.49	0.81	0.25	0.25
Adj. Flow (vph)	170	102	838	72	73	77	155	783	0	0
RTOR Reduction (vph)	93	0	3	0	0	0	0	0	0	0
Lane Group Flow (vph)	179	0	980	0	0	0	232	783	0	0
Heavy Vehicles (%)	14%	27%	5%	43%	2%	2%	3%	2%	0%	0%
Turn Type	Prot		NA			pm+pt	pm+pt	NA		
Protected Phases	8		2			1	1	6		
Permitted Phases						6	6			
Actuated Green, G (s)	16.2		60.1				78.1	78.1		
Effective Green, g (s)	16.2		60.1				78.1	78.1		
Actuated g/C Ratio	0.15		0.57				0.74	0.74		
Clearance Time (s)	5.0		7.0				7.0	6.0		
Vehicle Extension (s)	3.0		3.0				3.0	3.0		
Lane Grp Cap (vph)	226		987				240	1381		
v/s Ratio Prot	c0.12		0.57				c0.09	0.42		
v/s Ratio Perm							c0.62			
v/c Ratio	0.79		0.99				0.97	0.57		
Uniform Delay, d1	42.9		22.4				35.1	6.1		
Progression Factor	1.00		1.00				1.00	1.00		
Incremental Delay, d2	17.1		27.1				48.3	1.7		
Delay (s)	60.0		49.5				83.3	7.8		
Level of Service	E		D				F	A		
Approach Delay (s)	60.0		49.5					25.0	0.0	
Approach LOS	E		D					C	A	
Intersection Summary										
HCM 2000 Control Delay			39.8							HCM 2000 Level of Service D
HCM 2000 Volume to Capacity ratio			0.97							
Actuated Cycle Length (s)			105.3						19.0	
Intersection Capacity Utilization			80.7%							ICU Level of Service D
Analysis Period (min)			15							
c Critical Lane Group										

5: Ferry St. & S Kimball St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

						
Lane Group	WBL	WBR	NET	NER	SWL	SWT
Lane Configurations						
Traffic Volume (vph)	105	77	33	83	2	67
Future Volume (vph)	105	77	33	83	2	67
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.949		0.905			
Flt Protected	0.970					0.998
Satd. Flow (prot)	1424	0	1498	0	0	1529
Flt Permitted	0.970					0.998
Satd. Flow (perm)	1424	0	1498	0	0	1529
Link Speed (mph)	30		30			30
Link Distance (ft)	1048		550			210
Travel Time (s)	23.8		12.5			4.8
Peak Hour Factor	0.64	0.78	0.85	0.89	0.50	0.67
Heavy Vehicles (%)	33%	6%	12%	16%	0%	25%
Adj. Flow (vph)	164	99	39	93	4	100
Shared Lane Traffic (%)						
Lane Group Flow (vph)	263	0	132	0	0	104
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Sign Control	Stop		Free			Free

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 24.0%

ICU Level of Service A

Analysis Period (min) 15

5: Ferry St. & S Kimball St.
HCM 2010 TWSC

2023 Build Weekday AM Peak Hour

Intersection						
Int Delay, s/veh	6.2					
Movement	WBL	WBR	NET	NER	SWL	SWT
Lane Configurations	Y		P			U
Traffic Vol, veh/h	105	77	33	83	2	67
Future Vol, veh/h	105	77	33	83	2	67
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	64	78	85	89	50	67
Heavy Vehicles, %	33	6	12	16	0	25
Mvmt Flow	164	99	39	93	4	100

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	193	85	0	0	132
Stage 1	85	-	-	-	-
Stage 2	108	-	-	-	-
Critical Hdwy	6.73	6.26	-	-	4.1
Critical Hdwy Stg 1	5.73	-	-	-	-
Critical Hdwy Stg 2	5.73	-	-	-	-
Follow-up Hdwy	3.797	3.354	-	-	2.2
Pot Cap-1 Maneuver	731	963	-	-	1466
Stage 1	866	-	-	-	-
Stage 2	845	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	729	963	-	-	1466
Mov Cap-2 Maneuver	729	-	-	-	-
Stage 1	866	-	-	-	-
Stage 2	842	-	-	-	-

Approach	WB	NE	SW
HCM Control Delay, s	11.7	0	0.3
HCM LOS	B		

Minor Lane/Major Mvmt	NET	NERWBLn1	SWL	SWT
Capacity (veh/h)	-	-	802	1466
HCM Lane V/C Ratio	-	-	0.328	0.003
HCM Control Delay (s)	-	-	11.7	7.5
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	1.4	0

45: Railroad St. & West Site Driveway
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

						
Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	2	16	54	0	0	7
Future Volume (vph)	2	16	54	0	0	7
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt					0.865	
Flt Protected		0.995				
Satd. Flow (prot)	0	1853	1863	0	1611	0
Flt Permitted		0.995				
Satd. Flow (perm)	0	1853	1863	0	1611	0
Link Speed (mph)		30	30		30	
Link Distance (ft)		171	148		185	
Travel Time (s)		3.9	3.4		4.2	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	2	17	59	0	0	8
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	19	59	0	8	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		0	0		12	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		16	16		16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	9
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 13.3%

Analysis Period (min) 15

ICU Level of Service A

45: Railroad St. & West Site Driveway
HCM 2010 TWSC

2023 Build Weekday AM Peak Hour

Intersection						
Int Delay, s/veh	0.9					
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↑	↑		↓	
Traffic Vol, veh/h	2	16	54	0	0	7
Future Vol, veh/h	2	16	54	0	0	7
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	17	59	0	0	8

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	59	0	0 81 59
Stage 1	-	-	- 59 -
Stage 2	-	-	- 22 -
Critical Hdwy	4.12	-	- 6.42 6.22
Critical Hdwy Stg 1	-	-	- 5.42 -
Critical Hdwy Stg 2	-	-	- 5.42 -
Follow-up Hdwy	2.218	-	- 3.518 3.318
Pot Cap-1 Maneuver	1545	-	- 921 1007
Stage 1	-	-	- 964 -
Stage 2	-	-	- 1001 -
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1545	-	- 920 1007
Mov Cap-2 Maneuver	-	-	- 920 -
Stage 1	-	-	- 964 -
Stage 2	-	-	- 1000 -

Approach	EB	WB	SB
HCM Control Delay, s	0.8	0	8.6
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1545	-	-	-	1007
HCM Lane V/C Ratio	0.001	-	-	-	0.008
HCM Control Delay (s)	7.3	0	-	-	8.6
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

25: Railroad St. & East Site Driveway
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↰	↱		↰	
Traffic Volume (vph)	0	16	54	3	7	0
Future Volume (vph)	0	16	54	3	7	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.993			
Flt Protected					0.950	
Satd. Flow (prot)	0	1863	1850	0	1770	0
Flt Permitted					0.950	
Satd. Flow (perm)	0	1863	1850	0	1770	0
Link Speed (mph)		30	30		30	
Link Distance (ft)		148	98		226	
Travel Time (s)		3.4	2.2		5.1	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	17	59	3	8	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	17	62	0	8	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		0	0		12	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		16	16		16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	9
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 13.3%

ICU Level of Service A

Analysis Period (min) 15

25: Railroad St. & East Site Driveway
HCM 2010 TWSC

2023 Build Weekday AM Peak Hour

Intersection						
Int Delay, s/veh	0.8					
Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↑	↑		↑	
Traffic Vol, veh/h	0	16	54	3	7	0
Future Vol, veh/h	0	16	54	3	7	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	17	59	3	8	0

Major/Minor	Major1	Major2	Minor2		
Conflicting Flow All	62	0	-	0	77 60
Stage 1	-	-	-	-	60 -
Stage 2	-	-	-	-	17 -
Critical Hdwy	4.12	-	-	-	6.42 6.22
Critical Hdwy Stg 1	-	-	-	-	5.42 -
Critical Hdwy Stg 2	-	-	-	-	5.42 -
Follow-up Hdwy	2.218	-	-	-	3.518 3.318
Pot Cap-1 Maneuver	1541	-	-	-	926 1005
Stage 1	-	-	-	-	963 -
Stage 2	-	-	-	-	1006 -
Platoon blocked, %		-	-	-	
Mov Cap-1 Maneuver	1541	-	-	-	926 1005
Mov Cap-2 Maneuver	-	-	-	-	926 -
Stage 1	-	-	-	-	963 -
Stage 2	-	-	-	-	1006 -

Approach	EB	WB	SB
HCM Control Delay, s	0	0	8.9
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1541	-	-	-	926
HCM Lane V/C Ratio	-	-	-	-	0.008
HCM Control Delay (s)	0	-	-	-	8.9
HCM Lane LOS	A	-	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

8: S. Grove St. & Cole Ave.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	LT	LT	TH	TH	LT	LT
Traffic Volume (vph)	1	1	5	0	1	10
Future Volume (vph)	1	1	5	0	1	10
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.932					
Frt Protected	0.976					0.988
Satd. Flow (prot)	1728	0	1900	0	0	1877
Frt Permitted	0.976					0.988
Satd. Flow (perm)	1728	0	1900	0	0	1877
Link Speed (mph)	30		30			30
Link Distance (ft)	223		256			143
Travel Time (s)	5.1		5.8			3.3
Peak Hour Factor	0.25	0.25	0.25	0.25	0.25	0.75
Heavy Vehicles (%)	0%	0%	0%	0%	0%	0%
Adj. Flow (vph)	4	4	20	0	4	13
Shared Lane Traffic (%)						
Lane Group Flow (vph)	8	0	20	0	0	17
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Sign Control	Stop		Free			Free

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 13.3%

ICU Level of Service A

Analysis Period (min) 15

8: S. Grove St. & Cole Ave.
HCM 2010 TWSC

2023 Build Weekday AM Peak Hour

Intersection						
Int Delay, s/veh	2.2					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	Y		T			T
Traffic Vol, veh/h	1	1	5	0	1	10
Future Vol, veh/h	1	1	5	0	1	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	25	25	25	25	25	75
Heavy Vehicles, %	0	0	0	0	0	0
Mvmt Flow	4	4	20	0	4	13

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	41	20	0	0	20
Stage 1	20	-	-	-	-
Stage 2	21	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	975	1064	-	-	1609
Stage 1	1008	-	-	-	-
Stage 2	1007	-	-	-	-
Platoon blocked, %					
Mov Cap-1 Maneuver	972	1064	-	-	1609
Mov Cap-2 Maneuver	972	-	-	-	-
Stage 1	1008	-	-	-	-
Stage 2	1004	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	8.6	0	1.7
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	- 1016	1609	-
HCM Lane V/C Ratio	-	- 0.008	0.002	-
HCM Control Delay (s)	-	- 8.6	7.2	0
HCM Lane LOS	-	- A	A	A
HCM 95th %tile Q(veh)	-	- 0	0	-

7: S Kimball St. & S. Grove St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	4	30	4	1	120	1	6	1	2	1	2	11
Future Volume (vph)	4	30	4	1	120	1	6	1	2	1	2	11
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.985			0.997			0.966			0.907	
Flt Protected		0.989			0.999			0.976			0.992	
Satd. Flow (prot)	0	1377	0	0	1742	0	0	1433	0	0	1710	0
Flt Permitted		0.989			0.999			0.976			0.992	
Satd. Flow (perm)	0	1377	0	0	1742	0	0	1433	0	0	1710	0
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1048			242			519			256	
Travel Time (s)		23.8			5.5			11.8			5.8	
Peak Hour Factor	0.25	0.61	0.50	0.25	0.68	0.25	0.75	0.25	0.50	0.25	0.50	0.62
Heavy Vehicles (%)	50%	35%	0%	0%	9%	0%	0%	100%	0%	0%	0%	0%
Adj. Flow (vph)	16	49	8	4	176	4	8	4	4	4	4	18
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	73	0	0	184	0	0	16	0	0	26	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 16.6%

ICU Level of Service A

Analysis Period (min) 15

7: S Kimball St. & S. Grove St.
HCM 2010 TWSC

2023 Build Weekday AM Peak Hour

Intersection												
Int Delay, s/veh	2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	4	30	4	1	120	1	6	1	2	1	2	11
Future Vol, veh/h	4	30	4	1	120	1	6	1	2	1	2	11
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	25	61	50	25	68	25	75	25	50	25	50	62
Heavy Vehicles, %	50	35	0	0	9	0	0	100	0	0	0	0
Mvmt Flow	16	49	8	4	176	4	8	4	4	4	4	18

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	180	0	0	57	0	0	282	273	53	275	275	178
Stage 1	-	-	-	-	-	-	85	85	-	186	186	-
Stage 2	-	-	-	-	-	-	197	188	-	89	89	-
Critical Hdwy	4.6	-	-	4.1	-	-	7.1	7.5	6.2	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.1	6.5	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.1	6.5	-	6.1	5.5	-
Follow-up Hdwy	2.65	-	-	2.2	-	-	3.5	4.9	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1152	-	-	1560	-	-	674	498	1020	681	636	870
Stage 1	-	-	-	-	-	-	928	667	-	820	750	-
Stage 2	-	-	-	-	-	-	809	593	-	923	825	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1152	-	-	1560	-	-	649	490	1020	665	625	870
Mov Cap-2 Maneuver	-	-	-	-	-	-	649	490	-	665	625	-
Stage 1	-	-	-	-	-	-	915	658	-	809	748	-
Stage 2	-	-	-	-	-	-	786	591	-	901	813	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.8	0.2	10.6	9.7
HCM LOS			B	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	655	1152	-	-	1560	-	-	785
HCM Lane V/C Ratio	0.024	0.014	-	-	0.003	-	-	0.033
HCM Control Delay (s)	10.6	8.2	0	-	7.3	-	-	9.7
HCM Lane LOS	B	A	A	-	A	-	-	A
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0.1

10: Pond St./Cole Ave. & S. Kimball St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	2	31	0	1	102	1	11	0	0	2	1	9
Future Volume (vph)	2	31	0	1	102	1	11	0	0	2	1	9
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt					0.996						0.899	
Flt Protected		0.993			0.999			0.950			0.992	
Satd. Flow (prot)	0	1483	0	0	1758	0	0	1641	0	0	924	0
Flt Permitted		0.993			0.999			0.950			0.992	
Satd. Flow (perm)	0	1483	0	0	1758	0	0	1641	0	0	924	0
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		242			239			521			235	
Travel Time (s)		5.5			5.4			11.8			5.3	
Peak Hour Factor	0.25	0.68	0.25	0.25	0.74	0.25	0.50	0.25	0.25	0.25	0.25	0.25
Heavy Vehicles (%)	0%	32%	0%	0%	8%	0%	10%	0%	0%	0%	100%	100%
Adj. Flow (vph)	8	46	0	4	138	4	22	0	0	8	4	36
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	54	0	0	146	0	0	22	0	0	48	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 15.7%

ICU Level of Service A

Analysis Period (min) 15

10: Pond St./Cole Ave. & S. Kimball St.
HCM 2010 TWSC

2023 Build Weekday AM Peak Hour

Intersection												
Int Delay, s/veh	3.1											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↕			↕			↕			↕		
Traffic Vol, veh/h	2	31	0	1	102	1	11	0	0	2	1	9
Future Vol, veh/h	2	31	0	1	102	1	11	0	0	2	1	9
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	25	68	25	25	74	25	50	25	25	25	25	25
Heavy Vehicles, %	0	32	0	0	8	0	10	0	0	0	100	100
Mvmt Flow	8	46	0	4	138	4	22	0	0	8	4	36

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	142	0	0	46	0	0	230	212	46	210	210	140
Stage 1	-	-	-	-	-	-	62	62	-	148	148	-
Stage 2	-	-	-	-	-	-	168	150	-	62	62	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.2	6.5	6.2	7.1	7.5	7.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.2	5.5	-	6.1	6.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.2	5.5	-	6.1	6.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.59	4	3.3	3.5	4.9	4.2
Pot Cap-1 Maneuver	1453	-	-	1575	-	-	708	689	1029	752	545	702
Stage 1	-	-	-	-	-	-	929	847	-	859	621	-
Stage 2	-	-	-	-	-	-	815	777	-	954	685	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1453	-	-	1575	-	-	663	683	1029	747	540	702
Mov Cap-2 Maneuver	-	-	-	-	-	-	663	683	-	747	540	-
Stage 1	-	-	-	-	-	-	923	842	-	854	619	-
Stage 2	-	-	-	-	-	-	766	775	-	948	681	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.1	0.2	10.6	10.6
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	663	1453	-	-	1575	-	-	692
HCM Lane V/C Ratio	0.033	0.006	-	-	0.003	-	-	0.069
HCM Control Delay (s)	10.6	7.5	0	-	7.3	0	-	10.6
HCM Lane LOS	B	A	A	-	A	A	-	B
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	0.2

2: Salem St. & Peabody St.
Lanes, Volumes, Timings

2023 Build Weekday AM Peak Hour

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		LT	LT		LT	
Traffic Volume (vph)	4	617	460	42	29	4
Future Volume (vph)	4	617	460	42	29	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.987		0.968	
Flt Protected		0.999			0.963	
Satd. Flow (prot)	0	1775	1730	0	1611	0
Flt Permitted		0.999			0.963	
Satd. Flow (perm)	0	1775	1730	0	1611	0
Link Speed (mph)		30	30		30	
Link Distance (ft)		498	350		1202	
Travel Time (s)		11.3	8.0		27.3	
Peak Hour Factor	0.50	0.80	0.92	0.77	0.75	0.33
Heavy Vehicles (%)	0%	7%	9%	3%	13%	0%
Adj. Flow (vph)	8	771	500	55	39	12
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	779	555	0	51	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		0	0		12	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		16	16		16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	9
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 45.7%

ICU Level of Service A

Analysis Period (min) 15

2: Salem St. & Peabody St.
HCM 2010 TWSC

2023 Build Weekday AM Peak Hour

Intersection

Int Delay, s/veh 1.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↕	↕		↕	
Traffic Vol, veh/h	4	617	460	42	29	4
Future Vol, veh/h	4	617	460	42	29	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	50	80	92	77	75	33
Heavy Vehicles, %	0	7	9	3	13	0
Mvmt Flow	8	771	500	55	39	12

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	555	0	0 1314 527
Stage 1	-	-	- 527 -
Stage 2	-	-	- 787 -
Critical Hdwy	4.1	-	- 6.53 6.2
Critical Hdwy Stg 1	-	-	- 5.53 -
Critical Hdwy Stg 2	-	-	- 5.53 -
Follow-up Hdwy	2.2	-	- 3.617 3.3
Pot Cap-1 Maneuver	1026	-	- 165 555
Stage 1	-	-	- 571 -
Stage 2	-	-	- 430 -
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1026	-	- 163 555
Mov Cap-2 Maneuver	-	-	- 163 -
Stage 1	-	-	- 571 -
Stage 2	-	-	- 424 -

Approach	EB	WB	SB
HCM Control Delay, s	0.1	0	29.7
HCM LOS			D

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1026	-	-	-	196
HCM Lane V/C Ratio	0.008	-	-	-	0.259
HCM Control Delay (s)	8.5	0	-	-	29.7
HCM Lane LOS	A	A	-	-	D
HCM 95th %tile Q(veh)	0	-	-	-	1

1: S Elm St./Salem St. & S Main St.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔	↗		↔	↗	↗	↗	
Traffic Volume (vph)	40	118	4	229	145	221	3	768	11	170	565	26
Future Volume (vph)	40	118	4	229	145	221	3	768	11	170	565	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0		0	0		200	0		0	200		0
Storage Lanes	0		0	0		1	0		1	1		0
Taper Length (ft)	25			25			25			25		
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.998				0.850			0.850		0.991	
Flt Protected		0.985			0.970					0.950		
Satd. Flow (prot)	0	1834	0	0	1814	1599	0	1863	1242	1787	1860	0
Flt Permitted		0.519			0.647			0.997		0.095		
Satd. Flow (perm)	0	966	0	0	1210	1599	0	1857	1242	179	1860	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		1				235			81		5	
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		623			393			319			1244	
Travel Time (s)		14.2			8.9			7.3			28.3	
Peak Hour Factor	0.59	0.74	1.00	0.84	0.84	0.94	0.75	0.92	0.83	0.93	0.80	0.59
Heavy Vehicles (%)	4%	1%	0%	2%	1%	1%	0%	2%	30%	1%	1%	5%
Adj. Flow (vph)	68	159	4	273	173	235	4	835	13	183	706	44
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	231	0	0	446	235	0	839	13	183	750	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			12			12	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Number of Detectors	1	2		1	2	1	1	2	1	1	2	
Detector Template	Left	Thru		Left	Thru	Right	Left	Thru	Right	Left	Thru	
Leading Detector (ft)	20	100		20	100	20	20	100	20	20	100	
Trailing Detector (ft)	0	0		0	0	0	0	0	0	0	0	
Detector 1 Position(ft)	0	0		0	0	0	0	0	0	0	0	
Detector 1 Size(ft)	20	6		20	6	20	20	6	20	20	6	
Detector 1 Type	CI+Ex	CI+Ex		CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	CI+Ex	
Detector 1 Channel												
Detector 1 Extend (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Detector 1 Queue (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Detector 1 Delay (s)	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Detector 2 Position(ft)		94			94			94			94	
Detector 2 Size(ft)		6			6			6			6	
Detector 2 Type		CI+Ex			CI+Ex			CI+Ex			CI+Ex	
Detector 2 Channel												
Detector 2 Extend (s)		0.0			0.0			0.0			0.0	
Turn Type	Perm	NA		Perm	NA	Perm	Perm	NA	Perm	pm+pt	NA	
Protected Phases		4			8			2		1	6	

1: S Elm St./Salem St. & S Main St.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Permitted Phases	4			8		8	2		2	6		
Detector Phase	4	4		8	8	8	2	2	2	1	6	
Switch Phase												
Minimum Initial (s)	4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
Minimum Split (s)	23.0	23.0		23.0	23.0	23.0	23.0	23.0	23.0	11.0	23.5	
Total Split (s)	37.0	37.0		37.0	37.0	37.0	41.0	41.0	41.0	16.0	57.0	
Total Split (%)	39.4%	39.4%		39.4%	39.4%	39.4%	43.6%	43.6%	43.6%	17.0%	60.6%	
Maximum Green (s)	32.0	32.0		32.0	32.0	32.0	36.0	36.0	36.0	11.0	52.0	
Yellow Time (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
All-Red Time (s)	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Lost Time Adjust (s)		0.0			0.0	0.0		0.0	0.0	0.0	0.0	
Total Lost Time (s)		5.0			5.0	5.0		5.0	5.0	5.0	5.0	
Lead/Lag							Lag	Lag	Lag	Lead		
Lead-Lag Optimize?							Yes	Yes	Yes	Yes		
Vehicle Extension (s)	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
Recall Mode	None	None		None	None	None	Max	Max	Max	None	Max	
Walk Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0		5.0	
Flash Dont Walk (s)	11.0	11.0		11.0	11.0	11.0	11.0	11.0	11.0		11.0	
Pedestrian Calls (#/hr)	0	0		0	0	0	0	0	0		0	
Act Effct Green (s)		32.0			32.0	32.0		37.3	37.3	52.0	52.0	
Actuated g/C Ratio		0.34			0.34	0.34		0.40	0.40	0.55	0.55	
v/c Ratio		0.70			1.09	0.34		1.14	0.02	0.69	0.73	
Control Delay		40.2			101.1	4.5		107.7	0.1	30.1	20.8	
Queue Delay		0.0			0.0	0.0		0.0	0.0	0.0	0.0	
Total Delay		40.2			101.1	4.5		107.7	0.1	30.1	20.8	
LOS		D			F	A		F	A	C	C	
Approach Delay		40.2			67.8			106.1			22.6	
Approach LOS		D			E			F			C	

Intersection Summary

Area Type: Other

Cycle Length: 94

Actuated Cycle Length: 94

Natural Cycle: 100

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 1.14

Intersection Signal Delay: 61.9

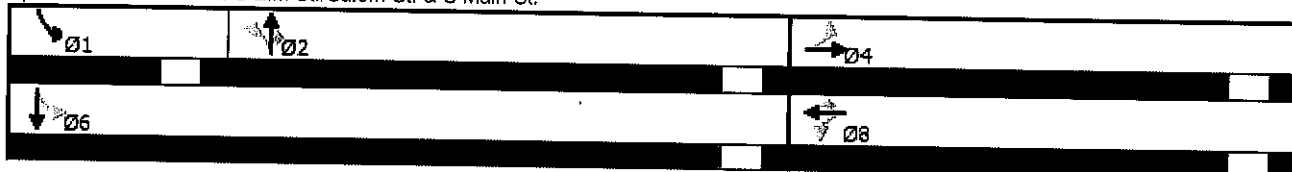
Intersection Capacity Utilization 117.5%

Analysis Period (min) 15

Intersection LOS: E

ICU Level of Service H

Splits and Phases: 1: S Elm St./Salem St. & S Main St.



1: S Elm St./Salem St. & S Main St.

Timings

2023 Build Weekday PM Peak Hour

										
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations										
Traffic Volume (vph)	40	118	229	145	221	3	768	11	170	565
Future Volume (vph)	40	118	229	145	221	3	768	11	170	565
Turn Type	Perm	NA	Perm	NA	Perm	Perm	NA	Perm	pm+pt	NA
Protected Phases		4		8			2		1	6
Permitted Phases	4		8		8	2		2	6	
Detector Phase	4	4	8	8	8	2	2	2	1	6
Switch Phase										
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	11.0	23.5
Total Split (s)	37.0	37.0	37.0	37.0	37.0	41.0	41.0	41.0	16.0	57.0
Total Split (%)	39.4%	39.4%	39.4%	39.4%	39.4%	43.6%	43.6%	43.6%	17.0%	60.6%
Yellow Time (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)		0.0		0.0	0.0		0.0	0.0	0.0	0.0
Total Lost Time (s)		5.0		5.0	5.0		5.0	5.0	5.0	5.0
Lead/Lag						Lag	Lag	Lag	Lead	
Lead-Lag Optimize?						Yes	Yes	Yes	Yes	
Recall Mode	None	None	None	None	None	Max	Max	Max	None	Max
Act Effct Green (s)		32.0		32.0	32.0		37.3	37.3	52.0	52.0
Actuated g/C Ratio		0.34		0.34	0.34		0.40	0.40	0.55	0.55
v/c Ratio		0.70		1.09	0.34		1.14	0.02	0.69	0.73
Control Delay		40.2		101.1	4.5		107.7	0.1	30.1	20.8
Queue Delay		0.0		0.0	0.0		0.0	0.0	0.0	0.0
Total Delay		40.2		101.1	4.5		107.7	0.1	30.1	20.8
LOS		D		F	A		F	A	C	C
Approach Delay		40.2		67.8			106.1			22.6
Approach LOS		D		E			F			C

Intersection Summary

Cycle Length: 94

Actuated Cycle Length: 94

Natural Cycle: 100

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 1.14

Intersection Signal Delay: 61.9

Intersection Capacity Utilization 117.5%

Analysis Period (min) 15

Intersection LOS: E

ICU Level of Service H

Splits and Phases: 1: S Elm St./Salem St. & S Main St.

 Ø1	 Ø2	 Ø4
 Ø6	 Ø8	

1: S Elm St./Salem St. & S Main St.

Queues

2023 Build Weekday PM Peak Hour

	→	←	↖	↑	↗	↘	↓
Lane Group	EBT	WBT	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	231	446	235	839	13	183	750
v/c Ratio	0.70	1.09	0.34	1.14	0.02	0.69	0.73
Control Delay	40.2	101.1	4.5	107.7	0.1	30.1	20.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	40.2	101.1	4.5	107.7	0.1	30.1	20.8
Queue Length 50th (ft)	118	~300	0	~596	0	52	312
Queue Length 95th (ft)	157	#437	49	#832	0	#125	367
Internal Link Dist (ft)	543	313		239			1164
Turn Bay Length (ft)			200			200	
Base Capacity (vph)	329	411	699	736	541	287	1031
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.70	1.09	0.34	1.14	0.02	0.64	0.73

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.

Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

1: S Elm St./Salem St. & S Main St.
 HCM Signalized Intersection Capacity Analysis

2023 Build Weekday PM Peak Hour

	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Movement												
Lane Configurations		↕			↕	↕		↕	↕	↕	↕	
Traffic Volume (vph)	40	118	4	229	145	221	3	768	11	170	565	26
Future Volume (vph)	40	118	4	229	145	221	3	768	11	170	565	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0		5.0	5.0	5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00		1.00	1.00	1.00	1.00	
Frt		1.00			1.00	0.85		1.00	0.85	1.00	0.99	
Flt Protected		0.99			0.97	1.00		1.00	1.00	0.95	1.00	
Satd. Flow (prot)		1834			1814	1599		1862	1242	1787	1860	
Flt Permitted		0.52			0.65	1.00		1.00	1.00	0.09	1.00	
Satd. Flow (perm)		967			1210	1599		1857	1242	178	1860	
Peak-hour factor, PHF	0.59	0.74	1.00	0.84	0.84	0.94	0.75	0.92	0.83	0.93	0.80	0.59
Adj. Flow (vph)	68	159	4	273	173	235	4	835	13	183	706	44
RTOR Reduction (vph)	0	1	0	0	0	155	0	0	8	0	2	0
Lane Group Flow (vph)	0	230	0	0	446	80	0	839	5	183	748	0
Heavy Vehicles (%)	4%	1%	0%	2%	1%	1%	0%	2%	30%	1%	1%	5%
Turn Type	Perm	NA		Perm	NA	Perm	Perm	NA	Perm	pm+pt	NA	
Protected Phases		4			8			2		1	6	
Permitted Phases	4			8		8	2		2	6		
Actuated Green, G (s)		32.0			32.0	32.0		37.3	37.3	52.0	52.0	
Effective Green, g (s)		32.0			32.0	32.0		37.3	37.3	52.0	52.0	
Actuated g/C Ratio		0.34			0.34	0.34		0.40	0.40	0.55	0.55	
Clearance Time (s)		5.0			5.0	5.0		5.0	5.0	5.0	5.0	
Vehicle Extension (s)		3.0			3.0	3.0		3.0	3.0	3.0	3.0	
Lane Grp Cap (vph)		329			411	544		736	492	264	1028	
v/s Ratio Prot										0.07	c0.40	
v/s Ratio Perm		0.24			c0.37	0.05		c0.45	0.00	0.31		
v/c Ratio		0.70			1.09	0.15		1.14	0.01	0.69	0.73	
Uniform Delay, d1		26.8			31.0	21.5		28.4	17.2	19.7	15.7	
Progression Factor		1.00			1.00	1.00		1.00	1.00	1.00	1.00	
Incremental Delay, d2		6.6			69.2	0.1		78.9	0.0	7.6	4.5	
Delay (s)		33.4			100.2	21.6		107.2	17.2	27.3	20.2	
Level of Service		C			F	C		F	B	C	C	
Approach Delay (s)		33.4			73.1			105.9			21.6	
Approach LOS		C			E			F			C	

Intersection Summary

HCM 2000 Control Delay	62.2	HCM 2000 Level of Service	E
HCM 2000 Volume to Capacity ratio	1.09		
Actuated Cycle Length (s)	94.0	Sum of lost time (s)	15.0
Intersection Capacity Utilization	117.5%	ICU Level of Service	H
Analysis Period (min)	15		
c Critical Lane Group			

13: S Main St. & S Central St & Ferry St.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

										
Lane Group	WBL	WBR	NBT	NBR	NBR2	SBL2	SBL	SBT	NWL	NWR
Lane Configurations										
Traffic Volume (vph)	112	91	839	115	61	102	48	700	0	0
Future Volume (vph)	112	91	839	115	61	102	48	700	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	0	0		0			100		0	0
Storage Lanes	1	0		0			1		0	0
Taper Length (ft)	25						25		25	
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.948		0.971							
Flt Protected	0.970						0.950			
Satd. Flow (prot)	1703	0	1812	0	0	0	1736	1881	0	0
Flt Permitted	0.970						0.058			
Satd. Flow (perm)	1703	0	1812	0	0	0	106	1881	0	0
Right Turn on Red		Yes			Yes					
Satd. Flow (RTOR)	110		5							
Link Speed (mph)	30		30					30	30	
Link Distance (ft)	550		1244					235	1107	
Travel Time (s)	12.5		28.3					5.3	25.2	
Peak Hour Factor	0.57	0.75	0.93	0.65	0.84	0.86	0.63	0.91	0.25	0.25
Heavy Vehicles (%)	3%	2%	1%	6%	2%	4%	4%	1%	0%	0%
Adj. Flow (vph)	196	121	902	177	73	119	76	769	0	0
Shared Lane Traffic (%)										
Lane Group Flow (vph)	317	0	1152	0	0	0	195	769	0	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Right	Left	Left	Left	Left	Right
Median Width(ft)	12		12					12	0	
Link Offset(ft)	0		0					0	0	
Crosswalk Width(ft)	16		16					16	16	
Two way Left Turn Lane										
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	9	15	15		15	9
Number of Detectors	1		2			1	1	2		
Detector Template	Left		Thru			Left	Left	Thru		
Leading Detector (ft)	20		100			20	20	100		
Trailing Detector (ft)	0		0			0	0	0		
Detector 1 Position(ft)	0		0			0	0	0		
Detector 1 Size(ft)	20		6			20	20	6		
Detector 1 Type	CI+Ex		CI+Ex			CI+Ex	CI+Ex	CI+Ex		
Detector 1 Channel										
Detector 1 Extend (s)	0.0		0.0			0.0	0.0	0.0		
Detector 1 Queue (s)	0.0		0.0			0.0	0.0	0.0		
Detector 1 Delay (s)	0.0		0.0			0.0	0.0	0.0		
Detector 2 Position(ft)			94					94		
Detector 2 Size(ft)			6					6		
Detector 2 Type			CI+Ex					CI+Ex		
Detector 2 Channel										
Detector 2 Extend (s)			0.0					0.0		
Turn Type	Prot		NA			pm+pt	pm+pt	NA		
Protected Phases	8		2			1	1	6		

13: S Main St. & S Central St & Ferry St.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

										
Lane Group	WBL	WBR	NBT	NBR	NBR2	SBL2	SBL	SBT	NWL	NWR
Permitted Phases						6	6			
Detector Phase	8		2			1	1	6		
Switch Phase										
Minimum Initial (s)	4.0		4.0			4.0	4.0	4.0		
Minimum Split (s)	22.0		23.0			11.0	11.0	22.0		
Total Split (s)	25.0		67.0			17.0	17.0	84.0		
Total Split (%)	22.9%		61.5%			15.6%	15.6%	77.1%		
Maximum Green (s)	20.0		60.0			10.0	10.0	78.0		
Yellow Time (s)	3.0		3.0			3.0	3.0	4.0		
All-Red Time (s)	2.0		4.0			4.0	4.0	2.0		
Lost Time Adjust (s)	0.0		0.0				0.0	0.0		
Total Lost Time (s)	5.0		7.0				7.0	6.0		
Lead/Lag			Lag			Lead	Lead			
Lead-Lag Optimize?			Yes			Yes	Yes			
Vehicle Extension (s)	3.0		3.0			3.0	3.0	3.0		
Recall Mode	None		Max			None	None	Max		
Walk Time (s)	5.0		5.0					5.0		
Flash Dont Walk (s)	11.0		11.0					11.0		
Pedestrian Calls (#/hr)	0		0					0		
Act Effct Green (s)	17.3		60.4				77.1	78.1		
Actuated g/C Ratio	0.16		0.57				0.72	0.73		
v/c Ratio	0.86		1.12				0.87	0.56		
Control Delay	50.8		91.2				60.0	8.7		
Queue Delay	0.0		0.0				0.0	0.0		
Total Delay	50.8		91.2				60.0	8.7		
LOS	D		F				E	A		
Approach Delay	50.8		91.2					19.1		
Approach LOS	D		F					B		

Intersection Summary

Area Type: Other

Cycle Length: 109

Actuated Cycle Length: 106.4

Natural Cycle: 130

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 1.12

Intersection Signal Delay: 57.4

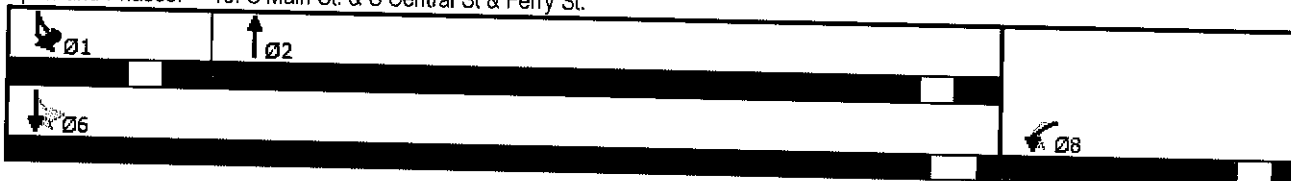
Intersection Capacity Utilization 90.8%

Analysis Period (min) 15

Intersection LOS: E

ICU Level of Service E

Splits and Phases: 13: S Main St. & S Central St & Ferry St.



13: S Main St. & S Central St & Ferry St.
Timings

2023 Build Weekday PM Peak Hour

	↙	↑	↘	↓	↓
Lane Group	WBL	NBT	SBL2	SBL	SBT
Lane Configurations	↙	↑	↘	↓	↓
Traffic Volume (vph)	112	839	102	48	700
Future Volume (vph)	112	839	102	48	700
Turn Type	Prot	NA	pm+pt	pm+pt	NA
Protected Phases	8	2	1	1	6
Permitted Phases			6	6	
Detector Phase	8	2	1	1	6
Switch Phase					
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	22.0	23.0	11.0	11.0	22.0
Total Split (s)	25.0	67.0	17.0	17.0	84.0
Total Split (%)	22.9%	61.5%	15.6%	15.6%	77.1%
Yellow Time (s)	3.0	3.0	3.0	3.0	4.0
All-Red Time (s)	2.0	4.0	4.0	4.0	2.0
Lost Time Adjust (s)	0.0	0.0		0.0	0.0
Total Lost Time (s)	5.0	7.0		7.0	6.0
Lead/Lag		Lag	Lead	Lead	
Lead-Lag Optimize?		Yes	Yes	Yes	
Recall Mode	None	Max	None	None	Max
Act Effct Green (s)	17.3	60.4		77.1	78.1
Actuated g/C Ratio	0.16	0.57		0.72	0.73
v/c Ratio	0.86	1.12		0.87	0.56
Control Delay	50.8	91.2		60.0	8.7
Queue Delay	0.0	0.0		0.0	0.0
Total Delay	50.8	91.2		60.0	8.7
LOS	D	F		E	A
Approach Delay	50.8	91.2			19.1
Approach LOS	D	F			B

Intersection Summary

Cycle Length: 109

Actuated Cycle Length: 106.4

Natural Cycle: 130

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 1.12

Intersection Signal Delay: 57.4

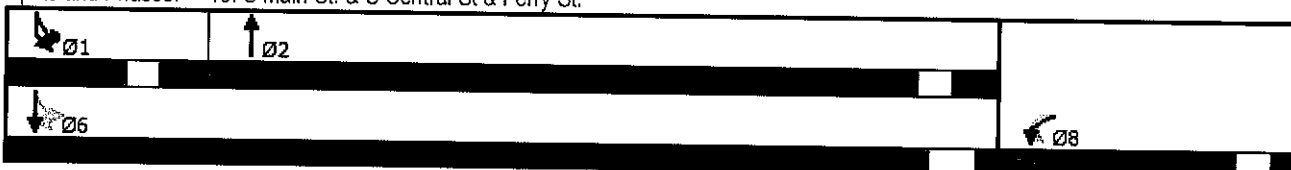
Intersection Capacity Utilization 90.8%

Analysis Period (min) 15

Intersection LOS: E

ICU Level of Service E

Splits and Phases: 13: S Main St. & S Central St & Ferry St.



13: S Main St. & S Central St & Ferry St.

Queues

2023 Build Weekday PM Peak Hour

	↙	↑	↘	↓
Lane Group	WBL	NBT	SBL	SBT
Lane Group Flow (vph)	317	1152	195	769
v/c Ratio	0.86	1.12	0.87	0.56
Control Delay	50.8	91.2	60.0	8.7
Queue Delay	0.0	0.0	0.0	0.0
Total Delay	50.8	91.2	60.0	8.7
Queue Length 50th (ft)	141	~954	86	226
Queue Length 95th (ft)	109	#1213	95	318
Internal Link Dist (ft)	470	1164		155
Turn Bay Length (ft)			100	
Base Capacity (vph)	409	1030	230	1381
Starvation Cap Reductn	0	0	0	0
Spillback Cap Reductn	0	0	0	0
Storage Cap Reductn	0	0	0	0
Reduced v/c Ratio	0.78	1.12	0.85	0.56

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.

Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

13: S Main St. & S Central St & Ferry St.
 HCM Signalized Intersection Capacity Analysis

2023 Build Weekday PM Peak Hour

										
Movement	WBL	WBR	NBT	NBR	NBR2	SBL2	SBL	SBT	NWL	NWR
Lane Configurations										
Traffic Volume (vph)	112	91	839	115	61	102	48	700	0	0
Future Volume (vph)	112	91	839	115	61	102	48	700	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.0		7.0				7.0	6.0		
Lane Util. Factor	1.00		1.00				1.00	1.00		
Frt	0.95		0.97				1.00	1.00		
Flt Protected	0.97		1.00				0.95	1.00		
Satd. Flow (prot)	1703		1811				1736	1881		
Flt Permitted	0.97		1.00				0.06	1.00		
Satd. Flow (perm)	1703		1811				107	1881		
Peak-hour factor, PHF	0.57	0.75	0.93	0.65	0.84	0.86	0.63	0.91	0.25	0.25
Adj. Flow (vph)	196	121	902	177	73	119	76	769	0	0
RTOR Reduction (vph)	92	0	2	0	0	0	0	0	0	0
Lane Group Flow (vph)	225	0	1150	0	0	0	195	769	0	0
Heavy Vehicles (%)	3%	2%	1%	6%	2%	4%	4%	1%	0%	0%
Turn Type	Prot		NA			pm+pt	pm+pt	NA		
Protected Phases	8		2			1	1	6		
Permitted Phases						6	6			
Actuated Green, G (s)	17.3		60.4				78.1	78.1		
Effective Green, g (s)	17.3		60.4				78.1	78.1		
Actuated g/C Ratio	0.16		0.57				0.73	0.73		
Clearance Time (s)	5.0		7.0				7.0	6.0		
Vehicle Extension (s)	3.0		3.0				3.0	3.0		
Lane Grp Cap (vph)	276		1028				227	1380		
v/s Ratio Prot	c0.13		c0.63				c0.08	0.41		
v/s Ratio Perm							0.55			
v/c Ratio	0.81		1.12				0.86	0.56		
Uniform Delay, d1	43.0		23.0				35.4	6.4		
Progression Factor	1.00		1.00				1.00	1.00		
Incremental Delay, d2	16.6		66.6				26.0	1.6		
Delay (s)	59.6		89.6				61.4	8.0		
Level of Service	E		F				E	A		
Approach Delay (s)	59.6		89.6					18.8	0.0	
Approach LOS	E		F					B	A	
Intersection Summary										
HCM 2000 Control Delay			57.6			HCM 2000 Level of Service			E	
HCM 2000 Volume to Capacity ratio			1.03							
Actuated Cycle Length (s)			106.4			Sum of lost time (s)			19.0	
Intersection Capacity Utilization			90.8%			ICU Level of Service			E	
Analysis Period (min)			15							
c Critical Lane Group										

5: Ferry St. & S Kimball St.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

						
Lane Group	WBL	WBR	NET	NER	SWL	SWT
Lane Configurations						
Traffic Volume (vph)	91	95	101	140	1	62
Future Volume (vph)	91	95	101	140	1	62
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.941		0.924			
Flt Protected	0.973					0.998
Satd. Flow (prot)	1713	0	1717	0	0	1761
Flt Permitted	0.973					0.998
Satd. Flow (perm)	1713	0	1717	0	0	1761
Link Speed (mph)	30		30			30
Link Distance (ft)	1048		550			210
Travel Time (s)	23.8		12.5			4.8
Peak Hour Factor	0.66	0.89	0.75	0.81	0.25	0.65
Heavy Vehicles (%)	2%	1%	0%	4%	0%	8%
Adj. Flow (vph)	138	107	135	173	4	95
Shared Lane Traffic (%)						
Lane Group Flow (vph)	245	0	308	0	0	99
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Sign Control	Stop		Free			Free

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 31.4%

ICU Level of Service A

Analysis Period (min) 15

5: Ferry St. & S Kimball St.
HCM 2010 TWSC

2023 Build Weekday PM Peak Hour

Intersection						
Int Delay, s/veh	4.7					
Movement	WBL	WBR	NET	NER	SWL	SWT
Lane Configurations	Y		Y			Y
Traffic Vol, veh/h	91	95	101	140	1	62
Future Vol, veh/h	91	95	101	140	1	62
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	66	89	75	81	25	65
Heavy Vehicles, %	2	1	0	4	0	8
Mvmt Flow	138	107	135	173	4	95

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	324	221	0	0	308
Stage 1	221	-	-	-	-
Stage 2	103	-	-	-	-
Critical Hdwy	6.42	6.21	-	-	4.1
Critical Hdwy Stg 1	5.42	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-
Follow-up Hdwy	3.518	3.309	-	-	2.2
Pot Cap-1 Maneuver	670	821	-	-	1264
Stage 1	816	-	-	-	-
Stage 2	921	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	668	821	-	-	1264
Mov Cap-2 Maneuver	668	-	-	-	-
Stage 1	816	-	-	-	-
Stage 2	918	-	-	-	-

Approach	WB	NE	SW
HCM Control Delay, s	12.4	0	0.3
HCM LOS	B		

Minor Lane/Major Mvmt	NET	NERWBLn1	SWL	SWT
Capacity (veh/h)	-	-	727	1264
HCM Lane V/C Ratio	-	-	0.336	0.003
HCM Control Delay (s)	-	-	12.4	7.9
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	1.5	0

45: Railroad St. & West Site Driveway
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

	EBL	EBT	WBT	WBR	SBL	SBR
Lane Group						
Lane Configurations		↰	↱		↰	
Traffic Volume (vph)	7	65	41	0	0	5
Future Volume (vph)	7	65	41	0	0	5
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt					0.865	
Frt Protected		0.995				
Satd. Flow (prot)	0	1853	1863	0	1611	0
Frt Permitted		0.995				
Satd. Flow (perm)	0	1853	1863	0	1611	0
Link Speed (mph)		30	30		30	
Link Distance (ft)		171	147		191	
Travel Time (s)		3.9	3.3		4.3	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	8	71	45	0	0	5
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	79	45	0	5	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		0	0		12	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		16	16		16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	9
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 19.3%

Analysis Period (min) 15

ICU Level of Service A

45: Railroad St. & West Site Driveway
HCM 2010 TWSC

2023 Build Weekday PM Peak Hour

Intersection

Int Delay, s/veh 0.8

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↕	↕		↕	↕
Traffic Vol, veh/h	7	65	41	0	0	5
Future Vol, veh/h	7	65	41	0	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	8	71	45	0	0	5

Major/Minor	Major1	Major2	Minor2		
Conflicting Flow All	45	0	0	131	45
Stage 1	-	-	-	45	-
Stage 2	-	-	-	86	-
Critical Hdwy	4.12	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	3.518	3.318
Pot Cap-1 Maneuver	1563	-	-	863	1025
Stage 1	-	-	-	977	-
Stage 2	-	-	-	937	-
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	1563	-	-	859	1025
Mov Cap-2 Maneuver	-	-	-	859	-
Stage 1	-	-	-	977	-
Stage 2	-	-	-	932	-

Approach	EB	WB	SB
HCM Control Delay, s	0.7	0	8.5
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1563	-	-	-	1025
HCM Lane V/C Ratio	0.005	-	-	-	0.005
HCM Control Delay (s)	7.3	0	-	-	8.5
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

25: Railroad St. & East Site Driveway
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

	EBL	EBT	WBT	WBR	SBL	SBR
Lane Group						
Lane Configurations		↰	↱		↰	
Traffic Volume (vph)	0	65	41	8	5	0
Future Volume (vph)	0	65	41	8	5	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.977			
Flt Protected					0.950	
Satd. Flow (prot)	0	1863	1820	0	1770	0
Flt Permitted					0.950	
Satd. Flow (perm)	0	1863	1820	0	1770	0
Link Speed (mph)		30	30		30	
Link Distance (ft)		147	100		236	
Travel Time (s)		3.3	2.3		5.4	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	71	45	9	5	0
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	71	54	0	5	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		0	0		12	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		16	16		16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	9
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 13.4%

Analysis Period (min) 15

ICU Level of Service A

25: Railroad St. & East Site Driveway
 HCM 2010 TWSC

2023 Build Weekday PM Peak Hour

Intersection

Int Delay, s/veh 0.4

Movement EBL EBT WBT WBR SBL SBR

Lane Configurations		↕	↕		↕	
Traffic Vol, veh/h	0	65	41	8	5	0
Future Vol, veh/h	0	65	41	8	5	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	71	45	9	5	0

Major/Minor Major1 Major2 Minor2

Conflicting Flow All	53	0	-	0	120	49
Stage 1	-	-	-	-	49	-
Stage 2	-	-	-	-	71	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1553	-	-	-	876	1020
Stage 1	-	-	-	-	973	-
Stage 2	-	-	-	-	952	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	1553	-	-	-	876	1020
Mov Cap-2 Maneuver	-	-	-	-	876	-
Stage 1	-	-	-	-	973	-
Stage 2	-	-	-	-	952	-

Approach EB WB SB

HCM Control Delay, s	0	0	9.1
HCM LOS			A

Minor Lane/Major Mvmt EBL EBT WBT WBR SBLn1

Capacity (veh/h)	1553	-	-	-	876
HCM Lane V/C Ratio	-	-	-	-	0.006
HCM Control Delay (s)	0	-	-	-	9.1
HCM Lane LOS	A	-	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0

8: S. Grove St. & Cole Ave.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

						
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	1	20	1	0	15
Future Volume (vph)	0	1	20	1	0	15
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Frt	0.865		0.984			
Flt Protected						
Satd. Flow (prot)	822	0	1733	0	0	1712
Flt Permitted						
Satd. Flow (perm)	822	0	1733	0	0	1712
Link Speed (mph)	30		30			30
Link Distance (ft)	223		256			143
Travel Time (s)	5.1		5.8			3.3
Peak Hour Factor	0.25	0.25	0.69	0.25	0.25	0.45
Heavy Vehicles (%)	0%	100%	9%	0%	0%	11%
Adj. Flow (vph)	0	4	29	4	0	33
Shared Lane Traffic (%)						
Lane Group Flow (vph)	4	0	33	0	0	33
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Right	Left	Right	Left	Left
Median Width(ft)	12		0			0
Link Offset(ft)	0		0			0
Crosswalk Width(ft)	16		16			16
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15	9		9	15	
Sign Control	Stop		Free			Free

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 13.3%

Analysis Period (min) 15

ICU Level of Service A

8: S. Grove St. & Cole Ave.
HCM 2010 TWSC

2023 Build Weekday PM Peak Hour

Intersection						
Int Delay, s/veh	0.5					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	Y		Y			Y
Traffic Vol, veh/h	0	1	20	1	0	15
Future Vol, veh/h	0	1	20	1	0	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	25	25	69	25	25	45
Heavy Vehicles, %	0	100	9	0	0	11
Mvmt Flow	0	4	29	4	0	33

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	64	31	0	0	33
Stage 1	31	-	-	-	-
Stage 2	33	-	-	-	-
Critical Hdwy	6.4	7.2	-	-	4.1
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	4.2	-	-	2.2
Pot Cap-1 Maneuver	947	820	-	-	1592
Stage 1	997	-	-	-	-
Stage 2	995	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	947	820	-	-	1592
Mov Cap-2 Maneuver	947	-	-	-	-
Stage 1	997	-	-	-	-
Stage 2	995	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.4	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	- 820	1592	-
HCM Lane V/C Ratio	-	- 0.005	-	-
HCM Control Delay (s)	-	- 9.4	0	-
HCM Lane LOS	-	- A	A	-
HCM 95th %tile Q(veh)	-	- 0	0	-

7: S Kimball St./S Kimball St & S. Grove St.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	7	92	10	1	87	3	5	4	0	9	1	8
Future Volume (vph)	7	92	10	1	87	3	5	4	0	9	1	8
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.988			0.988						0.946	
Flt Protected		0.993			0.998			0.976			0.976	
Satd. Flow (prot)	0	1742	0	0	1873	0	0	1484	0	0	1595	0
Flt Permitted		0.993			0.998			0.976			0.976	
Satd. Flow (perm)	0	1742	0	0	1873	0	0	1484	0	0	1595	0
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		1048			242			519			256	
Travel Time (s)		23.8			5.5			11.8			5.8	
Peak Hour Factor	0.25	0.58	0.56	0.25	0.75	0.25	0.62	0.50	0.25	0.44	0.25	0.50
Heavy Vehicles (%)	0%	9%	0%	0%	0%	0%	0%	50%	0%	0%	0%	25%
Adj. Flow (vph)	28	159	18	4	116	12	8	8	0	20	4	16
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	205	0	0	132	0	0	16	0	0	40	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 19.9%

ICU Level of Service A

Analysis Period (min) 15

7: S Kimball St./S Kimball St & S. Grove St.
HCM 2010 TWSC

2023 Build Weekday PM Peak Hour

Intersection

Int Delay, s/veh 2.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	7	92	10	1	87	3	5	4	0	9	1	8
Future Vol, veh/h	7	92	10	1	87	3	5	4	0	9	1	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	25	58	56	25	75	25	62	50	25	44	25	50
Heavy Vehicles, %	0	9	0	0	0	0	0	50	0	0	0	25
Mvmt Flow	28	159	18	4	116	12	8	8	0	20	4	16

Major/Minor	Major1		Major2		Minor1		Minor2					
Conflicting Flow All	128	0	0	176	0	0	364	360	168	358	362	122
Stage 1	-	-	-	-	-	-	224	224	-	130	130	-
Stage 2	-	-	-	-	-	-	140	136	-	228	232	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.1	7	6.2	7.1	6.5	6.45
Critical Hdwy Stg 1	-	-	-	-	-	-	6.1	6	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.1	6	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4.45	3.3	3.5	4	3.525
Pot Cap-1 Maneuver	1470	-	-	1412	-	-	596	498	881	601	569	871
Stage 1	-	-	-	-	-	-	783	638	-	878	792	-
Stage 2	-	-	-	-	-	-	868	701	-	779	716	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1470	-	-	1412	-	-	571	486	881	583	555	871
Mov Cap-2 Maneuver	-	-	-	-	-	-	571	486	-	583	555	-
Stage 1	-	-	-	-	-	-	767	625	-	860	790	-
Stage 2	-	-	-	-	-	-	845	699	-	753	701	-

Approach	EB		WB		NB		SB
HCM Control Delay, s	1		0.2		12.1		10.7
HCM LOS					B		B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	525	1470	-	-	1412	-	-	667
HCM Lane V/C Ratio	0.031	0.019	-	-	0.003	-	-	0.061
HCM Control Delay (s)	12.1	7.5	0	-	7.6	-	-	10.7
HCM Lane LOS	B	A	A	-	A	-	-	B
HCM 95th %tile Q(veh)	0.1	0.1	-	-	0	-	-	0.2

10: Pond St./Cole Ave. & S Kimball St
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	12	86	3	2	71	4	10	2	4	5	0	10
Future Volume (vph)	12	86	3	2	71	4	10	2	4	5	0	10
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Frt		0.997			0.985			0.968			0.918	
Flt Protected		0.986			0.997			0.969			0.981	
Satd. Flow (prot)	0	1829	0	0	1763	0	0	1683	0	0	1711	0
Flt Permitted		0.986			0.997			0.969			0.981	
Satd. Flow (perm)	0	1829	0	0	1763	0	0	1683	0	0	1711	0
Link Speed (mph)		30			30			30			30	
Link Distance (ft)		242			239			521			235	
Travel Time (s)		5.5			5.4			11.8			5.3	
Peak Hour Factor	0.25	0.71	0.75	0.25	0.58	0.25	0.45	0.50	0.50	0.38	0.25	0.50
Heavy Vehicles (%)	0%	3%	0%	0%	7%	0%	0%	50%	0%	0%	0%	0%
Adj. Flow (vph)	48	121	4	8	122	16	22	4	8	13	0	20
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	173	0	0	146	0	0	34	0	0	33	0
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left	Right
Median Width(ft)		0			0			0			0	
Link Offset(ft)		0			0			0			0	
Crosswalk Width(ft)		16			16			16			16	
Two way Left Turn Lane												
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9	15		9	15		9	15		9
Sign Control		Free			Free			Stop			Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 20.7%

ICU Level of Service A

Analysis Period (min) 15

10: Pond St./Cole Ave. & S Kimball St
HCM 2010 TWSC

2023 Build Weekday PM Peak Hour

Intersection												
Int Delay, s/veh	3											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↕			↕			↕			↕		
Traffic Vol, veh/h	12	86	3	2	71	4	10	2	4	5	0	10
Future Vol, veh/h	12	86	3	2	71	4	10	2	4	5	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	25	71	75	25	58	25	45	50	50	38	25	50
Heavy Vehicles, %	0	3	0	0	7	0	0	50	0	0	0	0
Mvmt Flow	48	121	4	8	122	16	22	4	8	13	0	20

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	138	0	0	125	0	0	375	373	123	371	367	130
Stage 1	-	-	-	-	-	-	219	219	-	146	146	-
Stage 2	-	-	-	-	-	-	156	154	-	225	221	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.1	7	6.2	7.1	6.5	6.2
Critical Hdwy Stg 1	-	-	-	-	-	-	6.1	6	-	6.1	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.1	6	-	6.1	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4.45	3.3	3.5	4	3.3
Pot Cap-1 Maneuver	1458	-	-	1474	-	-	586	489	933	589	565	925
Stage 1	-	-	-	-	-	-	788	641	-	861	780	-
Stage 2	-	-	-	-	-	-	851	687	-	782	724	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1458	-	-	1474	-	-	555	469	933	562	542	925
Mov Cap-2 Maneuver	-	-	-	-	-	-	555	469	-	562	542	-
Stage 1	-	-	-	-	-	-	760	619	-	831	775	-
Stage 2	-	-	-	-	-	-	828	683	-	743	699	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	2.1	0.4	11.4	10.1
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	599	1458	-	-	1474	-	-	736
HCM Lane V/C Ratio	0.057	0.033	-	-	0.005	-	-	0.045
HCM Control Delay (s)	11.4	7.6	0	-	7.5	0	-	10.1
HCM Lane LOS	B	A	A	-	A	A	-	B
HCM 95th %tile Q(veh)	0.2	0.1	-	-	0	-	-	0.1

2: Salem St. & Peabody St.
Lanes, Volumes, Timings

2023 Build Weekday PM Peak Hour

						
Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	6	407	543	40	30	6
Future Volume (vph)	6	407	543	40	30	6
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Util. Factor	1.00	1.00	1.00	1.00	1.00	1.00
Fr _t			0.991		0.975	
Flt Protected		0.998			0.961	
Satd. Flow (prot)	0	1860	1858	0	1780	0
Flt Permitted		0.998			0.961	
Satd. Flow (perm)	0	1860	1858	0	1780	0
Link Speed (mph)		30	30		30	
Link Distance (ft)		498	350		1202	
Travel Time (s)		11.3	8.0		27.3	
Peak Hour Factor	0.38	0.88	0.97	0.96	0.83	0.75
Heavy Vehicles (%)	0%	2%	1%	0%	0%	0%
Bus Blockages (#/hr)	0	0	1	0	0	0
Adj. Flow (vph)	16	463	560	42	36	8
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	479	602	0	44	0
Enter Blocked Intersection	No	No	No	No	No	No
Lane Alignment	Left	Left	Left	Right	Left	Right
Median Width(ft)		0	0		12	
Link Offset(ft)		0	0		0	
Crosswalk Width(ft)		16	16		16	
Two way Left Turn Lane						
Headway Factor	1.00	1.00	1.01	1.00	1.00	1.00
Turning Speed (mph)	15			9	15	9
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 41.0%

ICU Level of Service A

Analysis Period (min) 15

2: Salem St. & Peabody St.
HCM 2010 TWSC

2023 Build Weekday PM Peak Hour

Intersection

Int Delay, s/veh

1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↕	↕		↕	↕
Traffic Vol, veh/h	6	407	543	40	30	6
Future Vol, veh/h	6	407	543	40	30	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	38	88	97	96	83	75
Heavy Vehicles, %	0	2	1	0	0	0
Mvmt Flow	16	463	560	42	36	8

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	601	0	0 1075 581
Stage 1	-	-	- 581 -
Stage 2	-	-	- 494 -
Critical Hdwy	4.1	-	- 6.4 6.2
Critical Hdwy Stg 1	-	-	- 5.4 -
Critical Hdwy Stg 2	-	-	- 5.4 -
Follow-up Hdwy	2.2	-	- 3.5 3.3
Pot Cap-1 Maneuver	986	-	- 245 517
Stage 1	-	-	- 563 -
Stage 2	-	-	- 617 -
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	986	-	- 240 517
Mov Cap-2 Maneuver	-	-	- 240 -
Stage 1	-	-	- 563 -
Stage 2	-	-	- 603 -

Approach	EB	WB	SB
HCM Control Delay, s	0.3	0	21.2
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	986	-	-	-	266
HCM Lane V/C Ratio	0.016	-	-	-	0.166
HCM Control Delay (s)	8.7	0	-	-	21.2
HCM Lane LOS	A	A	-	-	C
HCM 95th %tile Q(veh)	0	-	-	-	0.6

JAMES J. FIORENTINI
MAYOR



**CITY OF HAVERHILL
MASSACHUSETTS**


CITY HALL, ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

January 21, 2021

City Council President John Michitson & Members of the City Council

RE: Cultural Council Appointment

Dear Mr. President and City Council Members:

I am hereby re-appointing Kaitlin Wright, 17 Belvidere Road, Haverhill to the Cultural Council. This is a confirming appointment and I recommend your approval. This appointment takes effect upon confirmation and expires December 31, 2022.

Very truly yours,

James J. Fiorentini
Mayor

JJF/lyf

cc: Nathan Webster, Haverhill Cultural Council

JAMES J. FIORENTINI
MAYOR



**CITY OF HAVERHILL
MASSACHUSETTS**

11, 1, 2
CITY HALL ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

January 21, 2021

City Council President Melinda E. Barrett & Members of the City Council

RE: Mayor's Task Force on Public Health

Dear Madame President and Members of the City Council:

Please be advised that I hereby appoint the following to serve on the Mayor's Task Force on Public Health:

- Shanyn Toulouse, Northeast Regional Nurse Consultant, Haverhill Public Schools
- State Representative Andy Vargas, 70 Washington Street, Haverhill
- John Chemaly, President and CEO, Trinity Ambulance

These are non-confirming appointments which will take effect immediately and expires on December 31, 2021.

Very truly yours,

James J. Fiorentini
Mayor

JJF/lyf

JAMES J. FIORENTINI
MAYOR



**CITY OF HAVERHILL
MASSACHUSETTS**

11.2.1
CITY HALL, ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

January 22, 2021

City Council President John A. Michitson and Members of the Haverhill City Council

RE: Laura Angus – License Commission

Dear Mr. President and Members of the Haverhill City Council:

Please be advised that I hereby appoint Laura Angus, 29 Woodlawn Avenue, Haverhill to the License Commission. She will fill the unexpired term of Gerald Sewell who recently passed away. This is a non-confirming appointment which takes effect immediately and expires June 1, 2026.

Very truly yours,

James J. Fiorentini
Mayor

JJF/lyf

cc: Laura Angus
Joseph Edwards

City of Haverhill

Massachusetts



City Hall • 4 Summer Street • Room 100 • Haverhill, MA 01830 • (978) 374-2300 • Fax (978) 373-7544

APPLICATION FOR APPOINTMENT TO CITY BOARD, COMMITTEE OR COMMISSION

The city appreciates your interest in serving on one of its Boards, Committees or Commissions. Please complete this form and return it to the Mayor's Office in city hall.

Name Laura Angus
Home address 29 Woodlawn Ave Haverhill MA 01835
Phone number 978-502-8659
Business number 978-374-2358
Email Campingmom553@msn.com

Please indicate which Board, Commission or Committee you are applying to be appointed to:

- | | |
|--|--|
| ☐ Agricultural Commission | |
| ☐ Bike Haverhill | ☐ Council on Youth |
| ☐ Board of Registrars | ☐ Cultural Council |
| ☐ Bradford Common Historic Dist. Commission | ☐ Development and Industrial Commission |
| ☐ Brightside Committee | ☐ Downtown Parking Commission |
| ☐ Community Affairs Adv. Board (CAAB) | ☐ Forestry Management Committee |
| ☐ Commission on Disability | ☐ Friends of the Bradford Rail Trail |
| ☐ Community Action Commission | ☐ Harbor Commission |
| ☐ Conservation Commission | ☐ Haverhill Historic Commission |
| ☐ Council on Aging | ☐ Haverhill Housing Authority |

Haverhill License Commission

- ☐ Park and Recreation Commission
- ☐ Planning board
- ☐ Recycling Adv. Committee
- ☐ Rte. 110 Park Advisory Committee
- ☐ Rock's Village Historic Dist. Comm.
- ☐ Veterans Memorial Ice Rink Adv. Comm.
- ☐ Master Plan Task Force
- ☐ Washington St. Historic Dist. Comm.
- ☐ Water/ Wastewater Rating Board
- ☐ Zoning Board of Appeals

1. Please explain why you would like to serve on a particular Board, Committee or Commission. If necessary attach additional sheets.

I spent almost six years as the License Commission Clerk. I learned a lot about the laws governing the various licenses issued by the Commission. I spent many hours processing various applications. I think the Commission plays an important role in both granting and overseeing these licenses for the City. I would be very interested in putting my experience to work by sitting on the Commission. I feel it is important to balance the interests of the City with the need to allow new businesses to open in the City, while trying to allow creative solutions to existing issues.

2. Please briefly describe your education, any relevant work or life experiences or other activities which, in your opinion, would be beneficial in carrying out the responsibilities of this office. If necessary, attach additional sheets or your resume.

My experience as License Commission Clerk will greatly assist me in the duties as a Commissioner. I am also an attorney and experienced in researching laws relating to these various licenses. As License Commission Clerk I was also briefly involved with the Municipal Licensing Corporation, having been elected to their Board of Directors.

3. Please list any city offices you have held in Haverhill or elsewhere.

Date appointed/elected

Office

Term Expired

4. Public service on a Board, Committee or Commission can be demanding. Please indicate the realistic time commitment you are willing and able to make.

☐ 1 hour/ week ☐ 2-4 hours/week ☐ 4-6 hours/week time needed to other; specify

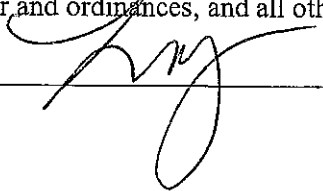
Additionally, please indicate your availability ☐ AM ☐ AFTERNOON ☒ PM

I could be available in the morning or afternoon
with prior notice

5. How did you hear about the vacancy on this City Board, Committee or Commission?

- ☐ City Hall Information Board
☐ Council, Board, Committee or Commission Meeting
☐ Newspaper
☐ City Website
☐ Word of Mouth
☒ Other: specify Face Book

6. APPLICANTS STATEMENT AND SIGNATURE: I hereby submit this as my application for the position I have indicated on the front of this form. I understand that my completion of this form in no way assures appointment. All Board, Committee, Commission vacancies will be filled by citizens deemed most qualified to serve in a particular capacity. I also understand that in the event that I am appointed to a position, my activities will be governed by the Massachusetts Conflict of Interest Law (M.G.L.c.268A), the Massachusetts Open Meeting Law (M.G.L.c.39), the Massachusetts Public Records Law (M.G.L.c.66), the Massachusetts Campaign Finance Law (M.G.L.c.55), the Haverhill City Charter and ordinances, and all other applicable federal, state, and local laws or regulations.

Signature: 

Date: 1/14/2021

Laura D Angus
29 Woodlawn Avenue
Haverhill, MA 01835
978-521-2690 (home)
978-502-8659 (cell)
Email: campingmom553@msn.com

Education: University of New Hampshire, B.A. – May 1983
New England School of Law, J.D. – May 1987

Admitted to Massachusetts Bar, December 1987

Experience:

Feb 2020 - present - Haverhill Retirement System - Benefits Counselor and Records Access Officer - responsible for counseling members and retirees on retirement benefits, processing retirement applications and calculations, processing disability applications, responding to FOIA requests,

May 2014 – February 2020– Assistant City Clerk and License Commission Clerk for the City of Haverhill – Responsible for processing birth, death and marriage certificates and amendments, voter registrations, census, dog licenses, inflammable registration renewals and Raffle and Bazaar permits. Assists with the Election preparations and election day. Assist with applications for various licenses and permits issued through the City Clerk's office. As Clerk to the Haverhill License Commission responsible for reviewing and processing all license applications for all alcohol licenses, Common Victualler licenses, Entertainment Licenses and Motor Vehicle Dealer licenses as well as all renewals and amendments, preparing agendas and minutes for the meetings, assisting licensees with the process

September 2004 – May 2014 – Laura Angus Family Child Care – Owner/Operator of family day care dealing with all aspects of a family childcare business. Strict compliance with all state regulations applying to family childcare. Care and education of children 6 weeks to 6 years.

June 2001 – April 2004 – Attorneys Title Services – Attorney/manager – Manager responsible for supervising a staff of 60 people in a busy real estate title company. Reviewed residential and commercial real estate title examinations and title insurance commitments. Customer service and assistance major part of the job. Able to work under significant pressure. Able to maintain quality standards during times of extreme change for the company. Reason for leaving – opportunity to establish day care business and be more available to my children.

September 1987 – June 2001 – Guaranty Abstract Company of Eastern Massachusetts, Inc. – Attorney/manager – Hired as a law school graduate to conduct real estate title examinations. Within three months of starting, promoted to Attorney Manager. Responsible for overseeing all aspects of work flow of the file through the office. Instrumental in streamlining processes and procedures within the office to allow faster turn-around of product and higher level of quality of product. Customer service and customer assistance major part of job, Guaranty Abstract Company of Eastern Massachusetts, Inc. was purchased by First American Title Insurance Company in June 2001 and became Attorneys Title Services.

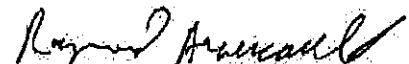
11, 3, 2

Raymond Arsenault
22 Wharf Lane
Haverhill, MA 01830

Dear Mayor Florentini,

I am resigning as Chair of the Rocks Village Historic District Commission, effective January 12th 2021.

Sincerely,


Raymond Arsenault

11,333

Christine Kwitchoff
14 Colby's Lane
Haverhill, MA 01830

2021 JAN 20 PM 02:18 HAV CITY

January 20, 2021

To: Mayor Fiorentini

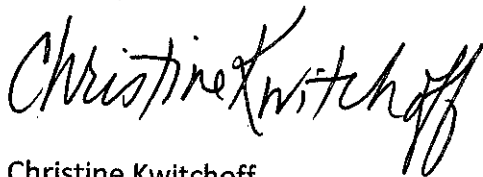
CC: Linda Koutoulas, City Clerk

Andrew Herlihy, Community Development

Re: Rocks Village Historic District Commission (RVHDC)

Effective immediately, please accept my resignation from the Rocks Village Historic District Commission.

Sincerely,



Christine Kwitchoff



12/31 PA \$200 amended
12/14
Haverhill
BD
RP
RP

City Clerk's Office, Room 118
Phone: 978-420-3623 Fax: 978-373-8490
cityclerk@cityofhaverhill.com

12.5.11

Date 12/28/20

The undersigned respectfully asks to receive a license to conduct business in the City of Haverhill as a:

☒ Hawker or Peddler For 2021 ☐ Employee of a Hawker or Peddler

NAME: Wade C. Dempsey SIGNATURE: Wade C. Dempsey

ALL MERCHANDISE TO BE SOLD: Food, Hot Dogs, Sausages, tonic

MONTH(S): Jan - Dec. DAY(S)/TIME(S): Mon-Sat. 11am-5pm

LOCATION (CHECK ONE):

☐ New - Fixed Location ☐ New - Mobile Cart
☒ Renewal - Fixed Location ☐ Renewal - Mobile Cart
☐ Seasonal - Fixed Location

IF FIXED LOCATION, SELECT ONE BOX:

☒ Bradford Common ☐ Riverside Park
☐ GAR Park ☐ Swasey Park
☐ Other: ☐ Washington Square
☐ Outside Haverhill Stadium @ ☐ Winnekenni Area, Route 110
Lincoln/Nettleton Ave

Fee: \$ 300.00
☒ Bond on File

Department Use ONLY

Police Chief	Date	Health Inspector	Date
Vire Inspector	Date	Rec Director (Stadium Only)	Date

Municipal Council, _____

Attest: _____, City Clerk

Please Complete the Back side of this form.



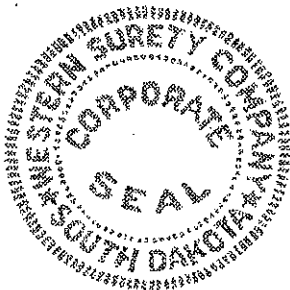
Western Surety Company

CONTINUATION CERTIFICATE

Western Surety Company hereby continues in force Bond No. 64589629 briefly described as VENDOR CITY OF HAVERHILL,
,
For WADE DEMPSY DBA DOUBLE D'S HOTDOG
, as Principal,
in the sum of \$ FIVE THOUSAND AND NO/100 Dollars, for the term beginning
April 03, 2020, and ending April 03, 2021, subject to all
the covenants and conditions of the original bond referred to above.

This continuation is issued upon the express condition that the liability of Western Surety Company under said Bond and this and all continuations thereof shall not be cumulative and shall in no event exceed the total sum above written.

Dated this 11th day of March, 2020



WESTERN SURETY COMPANY

By Paul T. Brunat
Paul T. Brunat, Vice President

THIS "Continuation Certificate" MUST BE FILED WITH THE ABOVE BOND.



Western Surety Company

RIDER /

To be attached to and form part of Bond No. 64589629

It is hereby mutually agreed and understood by and between Western Surety Company and WADE DEMPSY DBA DOUBLE D'S HOTDOG

that instead of as originally written; the bond is changed or revised in the particulars checked below:

- ☒ **Principal Name changed to:**
WADE DEMPSEY DBA DOUBLE D'S HOTDOG
- ☐ **Principal Address changed to:**
- ☐ **Vehicle/Vessel/Hull Information changed to:**
- ☐ **Lost Instrument Information changed to:**
- ☐ **Identification Number changed to:**
- ☐ **Penalty Amount changed to:**
- ☐ **Additional or Event Location:**
- ☐ **Effective Date changed to:**
- ☐ **Expiration Date changed to:**
- ☐ **The following bond information changed:**

But in no event shall Western Surety Company's total liability for all locations exceed the aggregate amount set forth on the bond, regardless of the number of years this bond remains in force, the number of claims made, or the number of renewal premiums payable or paid.

It is further understood and agreed that all other terms and conditions of this bond shall remain unchanged.

This Rider becomes effective on the 13th day of March, 2020.

Signed this 13th day of March, 2020.

WESTERN SURETY COMPANY

By: Paul T. Bruflat
Paul T. Bruflat, Vice President



Western Surety Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That WESTERN SURETY COMPANY, a corporation organized and existing under the laws of the State of South Dakota, and authorized and licensed to do business in the States of Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and the United States of America, does hereby make, constitute and appoint

Paul T. Bruflat of Sioux Falls
State of South Dakota, its regularly elected Vice President
as Attorney-in-Fact, with full power and authority hereby conferred upon him to sign, execute, acknowledge and deliver for and on its behalf as Surety and as its act and deed, the following bond:

One VENDOR CITY OF HAVERHILL

bond with bond number 64589629

for WADE DEMPSEY DBA DOUBLE D'S HOTDOG
as Principal in the penalty amount not to exceed: \$5,000.00

Western Surety Company further certifies that the following is a true and exact copy of Section 7 of the by-laws of Western Surety Company duly adopted and now in force, to-wit:

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys-in-Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

In Witness Whereof, the said WESTERN SURETY COMPANY has caused these presents to be executed by its Vice President Paul T. Bruflat with the corporate seal affixed this 13th day of March, 2020.

ATTEST

L. Nelson
L. Nelson, Assistant Secretary

WESTERN SURETY COMPANY

By

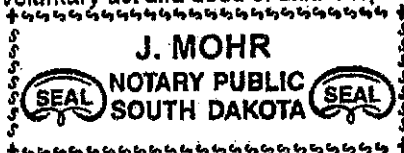
Paul T. Bruflat
Paul T. Bruflat, Vice President

STATE OF SOUTH DAKOTA
COUNTY OF MINNEHAHA

} ss

On this 13th day of March, 2020, before me, a Notary Public, personally appeared Paul T. Bruflat and L. Nelson

who, being by me duly sworn, acknowledged that they signed the above Power of Attorney as Vice President and Assistant Secretary, respectively, of the said WESTERN SURETY COMPANY, and acknowledged said instrument to be the voluntary act and deed of said Corporation.



My Commission Expires June 23, 2021

J. Mohr
Notary Public

To validate bond authenticity, go to www.cnasurety.com > Owner/Obligee Services > Validate Bond Coverage.



Linda Koutoulas

From: Captain Robert P. Pistone <rpistone@haverhillpolice.com>
Sent: Wednesday, December 30, 2020 3:47 PM
To: Linda Koutoulas
Subject: RE: hawker peddler renewal application - o

City Clerk Koutoulas,

Ok to approve per Haverhill Police Department.

Sincerely,

Captain Pistone

-----Original Message-----

From: Linda Koutoulas <lkoutoulas@cityofhaverhill.com>
Sent: Wednesday, December 30, 2020 11:48 AM
To: Captain Robert P. Pistone <rpistone@haverhillpolice.com>; Bonnie Dufresne <bdufresne@cityofhaverhill.com>; Robert Pigeon <rpigeon@cityofhaverhill.com>
Subject: hawker peddler renewal application - o

Hawker Peddler license renewal request from Double D's - Bradford Common. Please review and respond. Thankyou!
Linda

-----Original Message-----

From: room118 <copier@haverhillwater.com>
Sent: Wednesday, December 30, 2020 11:26 AM
To: Linda Koutoulas <lkoutoulas@cityofhaverhill.com>
Subject: Send data from MFP13593925 12/30/2020 11:26

Scanned from MFP13593925

Date:12/30/2020 11:26

Pages:5

Resolution:200x200 DPI



City of Haverhill, MA

12,5,12,1

01/21/2021

74087**Second Hand Articles****Status:** Active**Date Created:** Sep 16, 2020**Applicant**

Aidria Torres
 haverhillhouseofpawn@gmail.com
 24 Emerson St
 Haverhill, Massachusetts 01830
 9786477296

Location

24 EMERSON ST
 Haverhill, MA

Owner:

CHARLES 2016 TRUST TRAINA JOSEPH A-
 TRUSTEE TRAINA SUSAN PEREDNA-TRUSTEE
 89 HOWE ST, , METHUEN, MA 01844

Business Information**Applicant's Relationship to Owner**

Owner

Type of Business Structure

Sole Proprietor

Business Name

House of Pawn

Attachments

No attachments

History**Date****Activity**

Sep 16 2020 5:55 pm

Aidria Torres started a draft of Record 74087

Sep 16 2020 5:56 pm

Aidria Torres submitted Record 74087

Sep 16 2020 5:59 pm

completed payment step Second Hand Articles Permit Fee Payment on Record 74087

Sep 16 2020 5:59 pm

approval step City Clerk Approval was assigned to LINDA KOUTOULAS on Record 74087

Date	Activity
Sep 16 2020 5:59 pm	completed payment step Second Hand Articles Permit Fee Payment on...
Sep 16 2020 5:59 pm	approval step City Clerk Approval was assigned to LINDA KOUTOULAS...>
Sep 17 2020 2:29 pm	LINDA KOUTOULAS assigned approval step City Clerk Approval to Mari...>
Sep 18 2020 1:11 pm	LINDA KOUTOULAS assigned approval step Police Approval to William...>
Sep 23 2020 5:52 pm	Maria Bevilacqua approved approval step City Clerk Approval on Record...>
Oct 15 2020 7:29 pm	LINDA KOUTOULAS assigned approval step Police Approval to Chief Al...>
Oct 26 2020 7:32 pm	Chief Alan Denaro approved approval step Police Approval on Record 7...>
Oct 26 2020 7:32 pm	approval step City Council Approval was assigned to LINDA KOUTOULA...>
Oct 31 2020 8:16 pm	LINDA KOUTOULAS assigned approval step City Council Approval to M...>
Jan 21 2021 4:38 pm	Maria Bevilacqua approved approval step City Council Approval on Rec...>
Jan 21 2021 4:38 pm	completed document step Second Hand Articles Permit Issued on Reco...>
Jan 21 2021 4:38 pm	Maria Bevilacqua completed Record 74087 >
Jan 21 2021 4:38 pm	Maria Bevilacqua altered Record 74087, changed expirationDate from "...>

Has HPD Approval



DOCUMENT

CITY OF HAVERHILL

In Municipal Council

ORDERED:

That the Mayor being and is hereby authorized on behalf of the City of Haverhill to accept a certain Water Booster Pumping Station located at 806 North Broadway, Haverhill, MA, as more particularly described in a bill of transfer from The Lowell Five Cent Savings Bank, a copy of which is attached hereto and incorporated herein. The Water Booster Pumping Station is located on land for which the City was granted a perpetual easement to locate such a Station. (See "No. 2" in Easement recorded January 14, 2011 at Essex South District Registry of Deeds Book 30161, Page 237.) Said Water Booster Pumping Station is being conveyed relative to a definitive subdivision plan approved by the Haverhill Planning Board.

Know all men by these presents that The Lowell Five Cent Savings Bank, in consideration of One (\$1.00) dollar, paid by the City of Haverhill, the receipt of which is hereby acknowledged hereby gives, grants, sells, transfers, conveys and delivers to the said City of Haverhill, the following goods and chattels namely:

Water Booster Pumping Station located at 806 North Broadway, Haverhill, MA

To have and to hold all and singular the said goods and chattels to the City of Haverhill, its successors and assigns, to its own use and behoof forever.

And The Lowell Five Cent Savings Bank hereby covenant with the City of Haverhill that The Lowell Five Cent Savings Bank is the lawful owner of the said goods and chattels; that they are free from all encumbrances, and that The Lowell Five Cent Savings Bank has good right to sell the same as aforesaid; and that The Lowell Five Cent Savings Bank will warrant and defend the same against the lawful claims and demands of all persons.

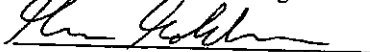
By accepting this transfer, the City of Haverhill agrees that it is responsible for the maintenance and repair of the same. The seller warrants that it has no knowledge of any defects in said goods and chattels.

Said goods and chattels are presently located on a parcel of land known as 575-2-8 in the Assessor's office of the City of Haverhill, located at 4 Summer Street, Haverhill, Massachusetts 01830.

In witness whereof, I hereunto set my hand and seal The Lowell Five Cent Savings Bank has caused these presents to be signed on its behalf by Glenn Goldman its Senior Vice President John Pratt, Jr its Senior Vice President this 24th day of December 2020

Signed and sealed in the presence of

The Lowell Five Cent Savings Bank



Glenn Goldman, SVP



John Pratt, Jr, SVP

COMMONWEALTH OF MASSACHUSETTS

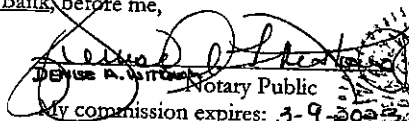
ESSEX, ss.

Date: ~~DECEMBER~~ 24, 2020

Then personally appeared the above-named Glenn Goldman, Senior Vice President and John Pratt, Jr, Senior Vice President acknowledged the foregoing to be his free act and deed and that of The Lowell Five Cent Savings Bank, before me,



DENISE A. WITKOWSKI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
March 9, 2023



DENISE A. WITKOWSKI Notary Public
My commission expires: 3-9-2023



JAMES J. FIORENTINI
MAYOR



**CITY OF HAVERHILL
MASSACHUSETTS**

CITY HALL, ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

January 22, 2021

City Council President Melinda Barrett and Members of the Haverhill City Council

RE: Order Authorizing Mayor to Accept Ownership of Crystal Springs Water Booster Pumping Station

Dear Madame. President and Members of the Haverhill City Council:

Please see attached letter from Robert Ward, Deputy DPW Director and an order authorizing me, as Mayor and on behalf of the City of Haverhill, to accept ownership of Crystal Springs Water Booster Pumping Station at 806 North Broadway. I recommend approval.

Respectfully submitted,

James J. Fiorentini, Mayor

JJF/lyf



Haverhill

Robert E. Ward, Deputy DPW Director
Water/Wastewater Division
Phone: 978-374-2382 Fax: 978-521-4083
rward@haverhillwater.com

January 11, 2021

To: The Honorable James J. Fiorentini
Mayor of Haverhill

From: Robert E. Ward *[Signature]*
Deputy DPW Director

Subject: Crystal Springs Pumping Station
City Council Order to Accept Ownership

Attached is a City Council Order authorizing you to accept, on behalf of the City, the Crystal Springs Water Pumping Station located at 806 North Broadway. The Lowell Five Cents Savings Bank is conveying the station to the City relative to the approved definitive subdivision plan for Crystal Springs Cluster Development approved by the Haverhill Planning Board. A copy of the executed bill for transfer is attached.

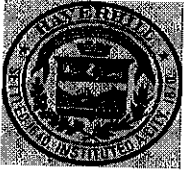
The Station was constructed by the developer as a requirement of the approved definitive subdivision plan. It services part of the subdivision and pre-existing homes outside the subdivision, including the Parsonage Hill area. The station construction was approved by MassDEP and the City and has been operating since December 2019.

If the Order is acceptable, please forward it to the City Clerk to place on the City Council meeting agenda for their approval.

If you need additional information, please call me or email me.

Attachments (2)

Cc: John D'Aoust, WTP Facility Manager
William D. Cox, Jr., City Solicitor
William Pillsbury, Community Development Director



Document
CITY OF HAVERHILL
In Municipal Council

132

Ordered:

That in accordance with General Laws, Chapter 44, Section 64, authorize the payment of bill(s) of the previous years and to further authorize the payment from current year departmental appropriations as listed below:

<u>Vendor</u>	<u>Amount</u>	<u>Account</u>
Advanced Enterprise Systems	\$ 453.00	Wastewater Department
Utility Cloud (2)	\$ 991.00	Wastewater Department
Matrix Consulting Group (2)	\$14,240.00	Mayor
Georgetown Building Supply	\$ 1,000.00	Highway

Advanced Enterprise Systems

1 Stiles Rd, Suite 302

Salem, NH 03079

Phone: 866-255-3563

Email: accounting@utilitycloud.us

Invoice

BILL TO

Brett Barron

Haverhill MA

40 South Porter St

Haverhill, MA 01835

INVOICE # 1405**DATE 07/01/2019****DUE DATE 07/31/2019****TERMS Net 30**

ACTIVITY	QTY	RATE	AMOUNT
Utility Cloud Income:User-Month Standard Level	5	85.00	425.00
User-Month Standard Level (5 users)			
Utility Cloud Income:Data GB-Month	100	0.28	28.00
Utility Cloud Data GB-Month (100 GB)			
Monthly Subscription (5 users)			
BALANCE DUE			\$453.00

* 12-30-2020 emailed to pay to go to council *



INVOICE

Advanced Enterprise Systems Corporation
1 Stiles Rd, Suite 302
Salem, NH 03079
Phone: 866-255-3563
Email: accounting@utilitycloud.us

Date	1-Nov-2019
Invoice #	INV-086
Terms	Net 30
PO#	
Date Due	1-Dec-2019

Bill To:

City of Haverhill
40 South Porter St
Haverhill, MA 01835

ITEM #	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
IT-008	User-Month Professional Level (4 Users 1 Month)	4	\$85.00	\$340.00
IT-005	Utility Cloud Data GB-Month (100 GB 1 Month)	1	\$28.00	\$28.00
SUBTOTAL				\$368.00
Sales Tax				\$0.00
TOTAL				\$368.00

RECEIVED CP
NOV 04 2019 11/4/19

Bank Information:

Beneficiary: Advanced Enterprise Systems Corporation
Beneficiary's Bank: Bank of America
Routing Number: 53000196
Account Number: 237020550866

Mail Checks to:

Advanced Enterprise Systems Corporation
1 Stiles Rd, Suite 302
Salem, NH 03079

Bank Address:

Bank of America
P O BOX 27025, VA2-430-01-01
RICHMOND, VA 23261-3584

For inquiries regarding this invoice please e-mail accounting@utilitycloud.us or reach us at 866-255-3563

Thanks For Your Business



INVOICE

Advanced Enterprise Systems Corporation
1 Stiles Rd, Suite 302
Salem, NH 03079
Phone: 866-255-3563
Email: accounting@utilitycloud.us

Date	11-May-2020
Invoice #	INV-219
Terms	Net 30
PO#	
Date Due	10-Jun-2020

Bill To:

Debbie
City of Haverhill
40 South Porter St
Haverhill, MA 01835

ITEM #	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
IT-008	User-Month Professional Level (7 Users 1 Month)	7	\$85.00	\$595.00
IT-005	Utility Cloud Data GB-Month (100 GB 1 Month)	1	\$28.00	\$28.00
SUBTOTAL				\$623.00
Sales Tax				\$0.00
TOTAL				\$623.00

UTILITY CLOUD USER LICENSE FEE (05/01/2020 TO 05/31/2020)

20833
Partial
RECEIVED
MAY 11 2020
JC (5/11/2020)

Bank Information:

Beneficiary: Advanced Enterprise Systems Corporation
Beneficiary's Bank: Bank of America
Routing Number: 53000196
Account Number: 237020550866

Mail Check to:

Advanced Enterprise Systems Corporation
1 Stiles Rd, Suite 302
Salem, NH 03079

Bank Address:

Bank of America
P O BOX 27025, VA2-430-01-01
RICHMOND, VA 23261-3584

For inquiries regarding this invoice please e-mail accounting@utilitycloud.us or reach us at 866-255-3563.

Thanks For Your Business

matrix

consulting group

201 San Antonio Circle, Suite 148
Mountain View, CA 94040
v.650.858.0507 f.650.917.2310

April 3, 2020

Invoice 20-10 #3 – Facilities Assessment

James J Fiorentini
Mayor
City of Haverhill
4 Summer Street
Haverhill, MA 01830

This invoice is for work performed by Matrix Consulting Group in development of the Haverhill Facilities Assessment. In March we continued development of the draft report.

Staff Person	Title	Hours	Hourly Rate	Cost
Robin Haley	Sr Manager	32	\$175	\$ 5,600
Professional Fees				\$ 5,600
Expenses				\$ -
TOTAL INVOICE				\$ 5,600

Federal Taxpayer ID: 05-0545979

Please remit payment to the letterhead address.



201 San Antonio Circle, Suite 148
Mountain View, CA 94040
v.650.858.0507 f.650.917.2310

February 11, 2020

Invoice 20-10 #1 – Facilities Assessment

James J Fiorentini
Mayor
City of Haverhill
4 Summer Street
Haverhill, MA 01830

This first invoice is for work performed by Matrix Consulting Group in development of the Haverhill Facilities Assessment. In January, we initiated the project, conducted interviews, collected data and began development of the descriptive profile.

Staff Person	Title	Hours	Hourly Rate	Cost
Robin Haley	Sr Manager	48	\$175	\$ 8,400
Professional Fees				\$ 8,400
Expenses				\$ 240
TOTAL INVOICE				\$ 8,640

Federal Taxpayer ID: 05-0545979

Please remit payment to the letterhead address.

City Council

GEORGETOWN BUILDING SUPPLY
& STONE YARD
103 East Main St., P.O. Box 195
Georgetown, MA 01833
978-352-2091

Chaptr 90

3600010.1.0000.5001

INVOICE

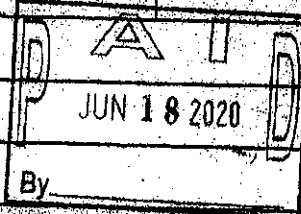
246340

PO# 206034

ORDER NO.

PHONE NO.

Haverhill DPW



DATE	SALESPERSON	SHIP VIA	TERMS	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
5/17/20	MR		2% - 10 NET 15	20 pc	6" 4 Flange CASTL MS		5199.80
① Seen & Inven 11000 - 6010040.0444.5261 ② Chaptr 90 Essex & High 4199.80 DEL/FUEL John Long							
ABSOLUTELY NO RETURNS ON GRANITE, BLUESTONE, OR LIMESTONE							

All bills are due and payable the 15th of the month following purchases. Unpaid balances after the due date are subject to a 1 1/2% per month. In the event this bill is not paid within 30 days of presentation for payment, all costs incidental to collection, including reasonable attorney's fees shall be paid by the customer.

Thank You

CUSTOMER COPY ONLY - NOT AN INVOICE

No credit will be allowed for goods returned without our permission. Twenty (20) percent of the purchase price will be deducted to cover the expense of handling. All claims for allowance on returned goods must have our invoice number and must be made within 7 days after receipt of goods.

JAMES J. FIORENTINI
MAYOR



**CITY OF HAVERHILL
MASSACHUSETTS**

CITY HALL, ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

January 21, 2021

City Council President Barrett and Members of the Haverhill City Council

RE: FY2020 Bills

Dear Madame President and Members of the Haverhill City Council:

Attached, please find an order to pay bills from the previous fiscal year:

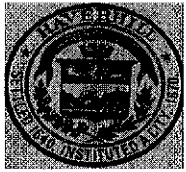
Vendor	Amount	Account
Advanced Enterprise Systems	\$ 453.00	Wastewater Department
Utility Cloud (2)	\$ 991.00	Wastewater Department
Matrix Consulting Group	\$14,240.00	Mayor's Office
Georgetown Building Supply	\$ 1,000.00	Highway Department
TOTAL	\$16,684.00	

I recommend approval.

Very truly yours,

James J. Fiorentini, Mayor

JJF/lyf



Document
CITY OF HAVERHILL
In Municipal Council

13,3

Ordered:

That the City transfer the sum of \$2,900 from the Capital Budget to the Capital account:

Veterans Banner Program

JAMES J. FIORENTINI
MAYOR



CITY OF HAVERHILL
MASSACHUSETTS

CITY HALL, ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

January 22, 2021

City Council President Melinda Barrett and Members of the Haverhill City Council

RE: Order to transfer \$2,900.00 from Capital Budget to Capital Account – Veterans Banner Project

Dear Madame. President and Members of the Haverhill City Council:

Please see attached an order to transfer \$2,900.00 from Capital Budget to Capital Account – Veterans Banner Project. I recommend approval.

Respectfully submitted,

James J. Fiorentini, Mayor

JJF/lyf



DOCUMENT

File 10 days 14.11

CITY OF HAVERHILL

In Municipal Council

2021 JAN 22 AM 10:53 AM JVC

ORDERED:

MUNICIPAL ORDINANCE

CHAPTER 240

AN ORDINANCE RELATING TO PARKING

BE IT ORDAINED by the City Council of the City of Haverhill that the Code of the City of Haverhill, Chapter 240, as amended, be further amended by ADDING the following in § 240-85 Schedule B: Parking Restrictions and Prohibitions:

LOCATION	REGULATION	HOURS/DAYS
Summer Street In front of No. 103 except For 1-24 hour handicap Parking space at No. 103 Summer Street	No Parking	24 hours

APPROVED AS TO LEGALITY:

City Solicitor



Haverhill

Engineering Department, Room 300
Tel: 978-374-2335 Fax: 978-373-8475
John H. Pettis III, P.E. - City Engineer
JPettis@CityOfHaverhill.com

January 22, 2021

**MEMO TO: CITY COUNCIL PRESIDENT MELINDA BARRETT AND
MEMBERS OF THE CITY COUNCIL**

**Subject: 58 Webster Street & 103 Summer Street, Establish Handicap
Parking**

As requested, see attached ordinances for handicap spots at the subject locations. Please contact me if you have any questions.

Sincerely,



John H. Pettis III, P.E.
City Engineer

C: Mayor Fiorentini, Stankovich, DeNaro, Pillsbury, Cox



DOCUMENT

CITY OF HAVERHILL

In Municipal Council

File 10 days

14.2 ✓

2021 JAN 22 AM 10:59 AM CITY

ORDERED:

MUNICIPAL ORDINANCE

CHAPTER 240

AN ORDINANCE RELATING TO PARKING

BE IT ORDAINED by the City Council of the City of Haverhill that the Code of the City of Haverhill, Chapter 240, as amended, be further amended by **ADDING** the following in § 240-85 Schedule B: Parking Restrictions and Prohibitions:

LOCATION	REGULATION	HOURS/DAYS
Webster Street In front of No. 58 except For 1-24 hour handicap Parking space at No. 58 Webster Street	No Parking	24 hours

APPROVED AS TO LEGALITY:

City Solicitor



Haverhill

Engineering Department, Room 300
Tel: 978-374-2335 Fax: 978-373-8475
John H. Pettis III, P.E. - City Engineer
JPettis@CityOfHaverhill.com

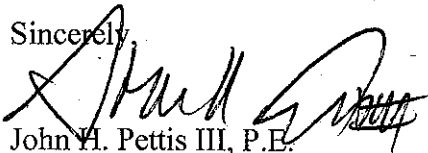
January 22, 2021

**MEMO TO: CITY COUNCIL PRESIDENT MELINDA BARRETT AND
MEMBERS OF THE CITY COUNCIL**

**Subject: *58 Webster Street & 103 Summer Street, Establish Handicap
Parking***

As requested, see attached ordinances for handicap spots at the subject locations. Please contact me if you have any questions.

Sincerely,



John H. Pettis III, P.E.
City Engineer

C: Mayor Fiorentini, Stankovich, DeNaro, Pillsbury, Cox

CITY COUNCIL

MELINDA E. BARRETT
PRESIDENT
COLIN F. LePAGE
VICE PRESIDENT
JOSEPH J. BEVILACQUA
JOHN A. MICHITSON
THOMAS J. SULLIVAN
TIMOTHY J. JORDAN
MICHAEL S. MCGONAGLE
MARY ELLEN DALY O'BRIEN
WILLIAM J. MACEK



CITY OF HAVERHILL
HAVERHILL, MASSACHUSETTS 01830-5843

1511

CITY HALL, ROOM 204
4 SUMMER STREET
TELEPHONE: 978 374-2328
FACSIMILE: 978 374-2329
www.cityofhaverhill.com
citycncl@cityofhaverhill.com

January 13, 2021

TO: President and Members of the City Council:

Councillor Michael McGonagle requests the Traffic and Safety Committee review a constituent request to make all of Irving Avenue no parking on one side.


City Councillor Michael McGonagle

CITY COUNCIL

MELINDA E. BARRETT

PRESIDENT

COLIN F. LEPAGE

VICE PRESIDENT

JOSEPH J. BEVILACQUA

JOHN A. MICHITSON

THOMAS J. SULLIVAN

TIMOTHY J. JORDAN

MICHAEL S. MCGONAGLE

MARY ELLEN DALY O'BRIEN

WILLIAM J. MACEK



CITY OF HAVERHILL
HAVERHILL, MASSACHUSETTS 01830-5843

1512
CITY HALL, ROOM 204
4 SUMMER STREET
TELEPHONE: 978 374-2328
FACSIMILE: 978 374-2329
www.cityofhaverhill.com
citycncl@cityofhaverhill.com

January 21, 2021

TO: President and Members of the City Council:

Councillor Bevilacqua requests to recognize the COVID Assistance Volunteer Grocery Shopping Program.


City Councillor Joseph Bevilacqua

CITY COUNCIL

MELINDA E. BARRETT
PRESIDENT
COLIN F. LePAGE
VICE PRESIDENT
JOSEPH J. BEVILACQUA
JOHN A. MICHITSON
THOMAS J. SULLIVAN
TIMOTHY J. JORDAN
MICHAEL S. MCGONAGLE
MARY ELLEN DALY O'BRIEN
WILLIAM J. MACEK



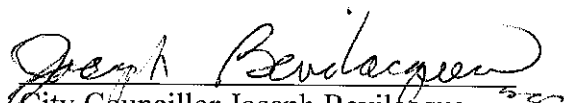
CITY OF HAVERHILL
HAVERHILL, MASSACHUSETTS 01830-5843

1573
CITY HALL, ROOM 204
4 SUMMER STREET
TELEPHONE: 978 374-2328
FACSIMILE: 978 374-2329
www.cityofhaverhill.com
citycncl@cityofhaverhill.com

January 13, 2021

TO: President and Members of the City Council:

Councillor Bevilacqua requests discussion regarding the recently enacted 2 hour Sewerage Notification Bill and its benefit to Haverhill residents and to the Merrimack River.


City Councillor Joseph Bevilacqua

3



DOCUMENT 3

CITY OF HAVERHILL

In Municipal Council

16.1

ORDERED:

MUNICIPAL ORDINANCE

CHAPTER 240

AN ORDINANCE RELATING TO PARKING

BE IT ORDAINED by the City Council of the City of Haverhill that the Code of the City of Haverhill, Chapter 240, as amended, be further amended by ADDING the following in § 240-85 Schedule B: Parking Restrictions and Prohibitions:

LOCATION	REGULATION	HOURS/DAYS
Fifth Avenue In front of No. 75 except For 1-24 hour handicap Parking space at No. 75 Fifth Avenue	No Parking	24 hours

APPROVED AS TO LEGALITY:

City Solicitor

PLACED ON FILE for at least 10 days

Attest:

City Clerk



Haverhill

Engineering Department, Room 300
Tel: 978-374-2335 Fax: 978-373-8475
John H. Pettis III, P.E. - City Engineer
JPettis@CityOfHaverhill.com

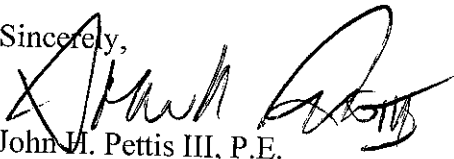
December 14, 2020

**MEMO TO: CITY COUNCIL PRESIDENT MELINDA BARRETT AND
MEMBERS OF THE CITY COUNCIL**

Subject: *Doc. 4-Z – 75 Fifth Avenue, Establish Handicap Parking*

As requested, see attached ordinance for handicap spot at 75 Fifth Avenue. Please contact me if you have any questions.

Sincerely,



John H. Pettis III, P.E.
City Engineer

C: Mayor Fiorentini, Stankovich, DeNaro, Pillsbury, Cox



DOCUMENT 3-B

CITY OF HAVERHILL

In Municipal Council January 12 2021

16.2

2021JAN08AM0945197-0112

ORDERED:

MUNICIPAL ORDINANCE

CHAPTER 240

AN ORDINANCE RELATING TO PARKING

BE IT ORDAINED by the City Council of the City of Haverhill that the Code of the City of Haverhill, Chapter 240, as amended, be further amended by ADDING the following in § 240-85 Schedule B: Parking Restrictions and Prohibitions:

LOCATION	REGULATION	HOURS/DAYS
Nichols Street In front of No. 23-25 except For 1-24 hour handicap Parking space at No. 23-25 Nichols Street	No Parking	24 hours

APPROVED AS TO LEGALITY:

City Solicitor

PLACED ON FILE for at least 10 days

Attest:

City Clerk



Haverhill

Engineering Department, Room 300
Tel: 978-374-2335 Fax: 978-373-8475
John H. Pettis III, P.E. - City Engineer
JPettis@CityOfHaverhill.com

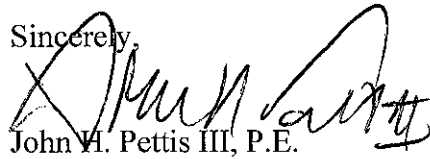
January 8, 2021

**MEMO TO: CITY COUNCIL PRESIDENT MELINDA BARRETT AND
MEMBERS OF THE CITY COUNCIL**

Subject: 23-25 Nichols Street, Establish Handicap Parking

As requested, see attached ordinance for handicap spot at 23-25 Nichols Street. Please contact me if you have any questions.

Sincerely,



John H. Pettis III, P.E.
City Engineer

C: Mayor Fiorentini, Stankovich, DeNaro, Pillsbury, Cox

CITY COUNCIL

MELINDA E. BARRETT

PRESIDENT

COLIN F. LePAGE

VICE PRESIDENT

JOSEPH J. BEVILACQUA

JOHN A. MICHITSON

THOMAS J. SULLIVAN

TIMOTHY J. JORDAN

MICHAEL S. MCGONAGLE

MARY ELLEN DALY O'BRIEN

WILLIAM J. MACEK



CITY OF HAVERHILL HAVERHILL, MASSACHUSETTS 01830-5843

CITY HALL, ROOM 204
4 SUMMER STREET
TELEPHONE: 978 374-2328
FACSIMILE: 978 374-2329
www.cityofhaverhill.com
citycncl@cityofhaverhill.com

DOCUMENTS REFERRED TO COMMITTEE STUDY

38-W	Communication from Councillor Barrett requesting to give an update on response from MBTA/Keolis & US EPA about idling trains in Bradford	Citizen Outreach	4/5/16 1/31/17
10-B	Communication from President Michitson asking to request from Mayor status of facility improvements to public buildings and parks to comply with American w/ Disabilities Act (ADA)	Citizen Outreach	1/3/17 1/31/17, 8/15/17
10-U	Communication from President Michitson requesting discussion on next steps to provide comprehensive long range plan for Haverhill	Citizen Outreach	1/31/17 8/15/17, 4/23/18
38-D	Communication from Councillors Sullivan and Barrett requesting an update on City's emergency management plan and status of working generators in all public building in City	Public Safety	3/20/18 1/23/19
13-Y	Communication from Councillor LePage to discuss accounting of revenue funds received from Licensed Marijuana establishments & their allocation to mitigate costs and impacts to city	A & F	3/12/19 8/5/19
79-F	Communication from Councillor Sullivan requesting to introduce Kathleen Fitts, Gale Park Assoc. to request the city replace the Gale Park Fountain in fiscal year 20	NRPP	6/25/19
79-T	Communication from Councillors Sullivan and Barrett re: discussion with VINFEN & Haverhill Police Dept. regarding incident in neighborhood of 20 Westland Ter. group home on 7/5 and steps being taken to better supervise residents and reduce police calls to residence	Public Safety	7/23/19
89-D	Communication from Councillors LePage, Michitson, Jordan requesting discussion on reducing exposure of persons under 21 yrs. of age to outdoor advertising (billboards) of marijuana products and zoning regulations pertaining to smoke and/or vapor stores in Haverhill	A & F	7/23/19 8/6/19
89-K	Communication from Councillor Macek requesting open discussion relative to the process for Establishing a Charter Commission to review the current City of Haverhill Charter	Citizen Outreach A & F	8/6/19
89-U	Communication from Councillor LePage re: applying for Community Compact Best Practices Program grant for benefit of city and its residents	Citizen Outreach A & F	9/17/19
89-V	Communication from Councillor McGonagle requesting a discussion about school bus safety	Public Safety	9/17/19
11	Communication from Councilor Jordan requesting to introduce Steve Costa of Citizens for Haverhill Fire to discuss Mayor's CIP and occupational cancer	Public Safety	1/7/20
34-P	Communication from Councillor Sullivan requesting a discussion regarding the disposal of cremated remains on public property	NRPP	3/17/20
58-M	Communication from Councillors LePage and Daly O'Brien re: the possible use of Hale Hospital Trust Funds for ongoing City health care programs and issues	A & F	4/21/20
55-D	Discussion about removal of the Hannah Duston Statue	NRPP	6/30/20

DOCUMENTS REFERRED TO COMMITTEE STUDY

69-O	Communication from President Barrett and Councillor Sullivan requesting discussion on illegal fireworks in the City	Public Safety	7/28/20
55-D	Communication from Councillor Jordan requesting to introduce Ben Roy to discuss Hannah Duston Statue	NRPP	7/28/20
86-D	Communication from Councillor Michitson requesting to address economic development ideas resulting from the pandemic	Planning & Dev.	8/11/20
86-F	Communication from Council President Barrett and Councillor LePage requesting discussion pertaining to utilization of UV-C disinfection fixtures in public buildings	A & F	8/25/20
89-C	Mayor Fiorentini submits final recommendations of Matrix Company	NRPP	9/15/20
91	Petition from Wady & Jewnifer Grullon requesting to purchase city property that abuts their property at 14 Silver Birch Ln; Assessor's Map 574, Block 1 Lot 7	NRPP	9/15/20
91-B	Petition from the Biggart Family requesting to purchase 2 parcels of land that abuts their property at 30 Belvidere Rd., Assessor's Map 409, Block 114, Lot 9; and Map 409, Block 1A, Lot 1 that includes conservation land, but only the portion zone RMD (Residential Medium Density)	"	9/22/20
86-S	Communication from Councillors LePage, Sullivan and Macek to discuss process for approval Of development projects within the Waterfront District Ch. 255, Article XVI	A & F	10/6/20
55-I	Communication from Council President Barrett and Councillor McGonagle requesting to introduce Don Jarvis, Keith Gopsill and Mike Ingham to discuss becoming a Purple Heart Community	NRPP	12/15/20
91-C	Petition of Michael DeLuca requesting to purchase surplus city land on River St., Map 538, Block 419B, Lots 20, 21, 22, 23	NRPP	12/15/20
4-G	Communication from Councillor LePage re: Rules & Regulations of City Council	A & F	1/12/21
4-I	Communication from Councillor Michitson requesting to address the rising inequities between High and low paid occupations in the United States	Citizen Outreach	1/12/21

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LONG TERM MATTERS STUDY LIST

- 38-F Communication from Councillors Barrett and LePage requesting to discuss double poles in the City
A & F 3/15/16, 9/6/16, 11/3/16, 1/17/17, 5/11/17, 10/24/17, 3/6/19
- 26E City of Haverhill – Mayor's Recommendations, Capital Improvement Program – 2016-2020
A & F 5/31/16, 11/3/16, 5/11/2017, 7/25/17, 2/15/18, 3/6/19, 4/17/19
- 93-L Communication from President Michitson requesting to introduce Dave Labrode to discuss street tree
plantings
NRPP 8/7/18, 2/28/19, 2/27/20
- 38-J Communication from Councillor Macek requesting a discussion about reserve parking spaces at City
Hall designated for Registry of Motor Vehicles
NRPP 3/19/19, 2/27/20