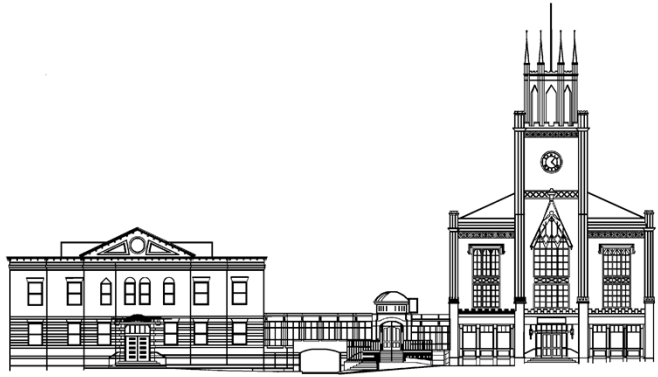




COMMITTEE ON PUBLIC SAFETY, HEALTH & TRAFFIC

February 1, 2022 at 6:00 PM

Aldermanic Chambers, City Hall (3rd Floor)

Members: Aldermen Barry, Long, Stewart, George-Kelly, Sharonov

AGENDA

The Chairman calls the meeting to order.

The Clerk calls the roll.

1. The Traffic Division has submitted an agenda which needs to be addressed:

15-MINUTE PARKING

On Bremer Street, north side, from Rimmon Street to Hevey Street East Back

Alderman Gamache

1 HOUR PARKING

On Bremer Street, north side, from Hevey Street to Hevey Street East Back

Alderman Gamache

NO PARKING ANYTIME

On Cleveland Street, north side, from a point 40 feet west of Second Street to Third Street

Alderman Barry

HANDICAP PARKING ONLY

On Cleveland Street, north side, from Second Street to a point 40 feet west

Alderman Barry

RESCIND 1 HOUR PARKING

On Bremer Street, north side, from Rimmon Street to Hevey Street (ORD 2693)

Alderman Gamache

RESCIND NO PARKING ANYTIME

On Taylor Street, west side, from Howe Street to a point 55 feet south
(ORD 6196)

Alderman Heath

On Cleveland Street, north side, from Second Street to Third Street

(ORD 10770)

Alderman Barry

Ladies and Gentlemen, what is your pleasure?

2. Communication from Rabbi Levi Krinsky requesting the installation of a left turning signal at the end of the Amoskeag Bridge to allow two lanes to turn onto Elm Street.

(Note: Recommendation from the Department of Public Works Traffic Division attached.)

Ladies and Gentlemen, what is your pleasure?

3. Communication from Denise Boutilier, Parking Manager, regarding a request from Kelly Muir for permission to use Arms Park for a 100th Birthday Dedication for Ralph Baer on Saturday, May 21, 2022.

Ladies and Gentlemen, what is your pleasure?

If there is no further business, a motion is in order to adjourn.

Requested Changes to the Traffic Ordinance

Attn: Committee on Public Safety, Health and Traffic

From: Department of Public Works, Kristen Clarke, PE, PTOE

Date: January 24, 2022

Subject: February Agenda Request

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Alderman Gamache

RESCIND NO PARKING ANYTIME

On Taylor Street, west side, from Howe Street to a point 55 feet south (ORD 6196)
Alderman Heath

On Cleveland Street, north side, from Second Street to Third Street (ORD 10770)
Alderman Barry

From: Craig,Joyce

Sent: Wednesday, January 19, 2022 11:54 AM

To: Barry, Bill <bbarry@manchesternh.gov>

Cc: Normand, Matthew <MNORMAND@manchesternh.gov>; Sheppard, Kevin <KSheppard@manchesternh.gov>; Smith,Lauren <lsmith@manchesternh.gov>

Subject: Fw: Thank you for your time

Hoping you can please include this request on the agenda for the next Public Safety, Health & Traffic Committee. Thank you.

From: Rabbi Levi Krinsky <rabbi@chabadofnh.com>

Sent: Wednesday, January 5, 2022 2:52 PM

To: Craig,Joyce

Subject: Thank you for your time

Hon. Mayor Craig,

Congratulations on your inauguration as Mayor for your third term. May it be met with great success for you and our city.

I thank you for taking time out of your busy schedule to chat with me.

If you recall I made a suggestion to you about having the city install a left turning signal at the end of the Amoskeag bridge allowing two lanes to turn left onto Elm St. alleviating the dangerous backup often occurring, I do not believe it would be costly to implement this. Attached please find a couple of photos depicting this intersection. Again best wishes for much success and good health.

Rabbi Levi Krinsky

The Right-To-Know Law (RSA 91-A) provides that most e-mail communications, to or from City employees and City volunteers regarding the business of the City of Manchester, are government records available to the public upon request. Therefore, this email communication may be subject to public disclosure.





Kevin A. Sheppard, P.E.
Public Works Director

Timothy J. Clougherty
Deputy Public Works Director



Commission
Toni Pappas, Chair
Patrick Robinson
James Burkush
Trixie Vazquez
Armand Forest

CITY OF MANCHESTER
Department of Public Works

January 20, 2022

Chairman Bill Barry
Committee on Public Safety, Health and Traffic
1 City Hall Plaza
Manchester, NH 03101

RE: Lane Configuration at Salmon Street and Elm Street

Dear Chairman Barry:

The Department of Public Works has reviewed the request to the Public Safety, Health & Traffic Committee to install a second left turning signal at the end of the Amoskeag Bridge allowing two lanes to turn left onto Elm Street northbound.

The existing approach has a 250-foot left turn pocket, a thru lane, and a right turn lane. The City has utilized existing count data from 2019 to evaluate existing signal operations at the intersection. Based on the modeling, as shown in Table 1 and 2, the left turn phase currently operates at level of service (LOS) F during the AM Peak and E during the PM Peak with both average and 95% queues exceeding the length of the left turn pocket, causing vehicles to block access to the center lane.

Table 1. AM Peak - Existing Operations

Movement	Delay (sec)	Level of Service	50% Queue (ft)	85% Queue (ft)
EB Left	87.6	F	~266	#690
EB Thru	36.2	D	152	#446
EB Right	2.8	A	0	58
EB Overall	42.1	D	-	-

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E-mail: hiway@manchesternh.gov • Website: www.manchesternh.gov

Table 2. PM Peak - Existing Conditions

Movement	Delay (sec)	Level of Service	50% Queue (ft)	85% Queue (ft)
EB Left	61	E	284	#706
EB Thru	42.8	D	183	#425
EB Right	2.7	A	0	43
EB Overall	42	D	-	-

DPW has evaluated two alternative lane configurations using the three existing lanes to determine impact on each of the approach lanes:

- Alternative 1- Provide two eastbound left turn lanes and a thru/right lane
- Alternative 2- Provide a single left turn lane, a center left/thru lane, and a right turn lane

As shown in Table 3 and 4, providing two left turn lanes would significantly increase overall delay for the approach. With a shared thru and right lane, the volume in the right lane exceeds the capacity and eliminates efficiency of right turn on red when the lane is blocked for vehicles waiting to go straight. The second alternative, allowing left and thru movements from the center lane, will reduce delay and queues for the left turn movement. Average queues in the peak hour will be shorter than the 250 length of the turn pocket, reducing the occurrence of vehicles blocking the center lane. There will be an increase in delay and queue length for the center lane, but overall approach operations will be slightly better than existing operations.

Table 3. AM Peak - Alternative 1 & 2 Operations

Movement	Alt 1- Two Left Turn Lanes				Alt 2- Center Left/Thru Lane			
	Delay (sec)	Level of Service	50% Queue (ft)	85% Queue (ft)	Delay (sec)	Level of Service	50% Queue (ft)	85% Queue (ft)
EB Left	27.0	C	95	230	59.3	E	203	#603
EB Thru/Left					56.4	E	212	#624
EB Right					2.8	A	0	58
EB Thru/Right	349.1	F	~588	#1237				
EB Overall	232.7	F	-	-	37	D	-	-

Table 4. PM Peak - Alternative 1 & 2 Operations

Movement	Alt 1- Two Left Turn Lanes				Alt 2- Center Left/Thru Lane			
	Delay (sec)	Level of Service	50% Queue (ft)	85% Queue (ft)	Delay (sec)	Level of Service	50% Queue (ft)	85% Queue (ft)
EB Left	36.2	D	123	250	51.5	D	240	#606
EB Thru/Left					51.8	D	252	#630
EB Right					2.7	A	0	43
EB Thru/Right	101.0	F	389	#888				
EB Overall	71.8	E	-	-	40.7	D	-	-

Modifications to provide a center left/thru lane would cost approximately \$1500 and include:

- Changing the signal head on the mast arm from a 3-section signal to a 4-section signal with green arrow and green ball
- Striping guide lines to separate the two left turn lanes through the intersection
- Striping lane use arrows on the eastbound approach
- New lane use sign for eastbound approach

Based on the information provided above, DPW would support modifying the center lane to a left/thru lane. This work should be completed in the Spring when it is warm enough to stripe to maximize effectiveness and compliance with new lane configuration. Please let me know if you have any questions.

Thanks,

Kristen Clarke

Kristen Clarke, PE, PTOE
Traffic Engineer



City of Manchester Parking Division

Denise Boutilier
Parking Manager
dboutilier@manchesternh.gov

January 24, 2022

Chairman William Barry
Committee on Public Safety, Health and Traffic
1 City Hall Plaza
Manchester, NH 03101

RE: Request to use Arms Lot 05/21/2022
Ralph Baer 10th Birthday

Dear Chairman Barry:

I have received the following request for the Committee's review.

Kelley Muir is requesting the use of a portion of the Arms Lot for the 100th Birthday Dedication of Ralph Baer. The event is scheduled for 05/21/22. They anticipate 150 (+-) participants.

Cotton and Stark Mill Brewery have no issues with this request.

If you have any questions, please don't hesitate to ask.

Sincerely,

Denise Boutilier
Parking Manager