



May 13, 2019

Al Green
Director of System Planning and Regulatory
MaineHealth
110 Free Street
Portland, ME 04101

Re: MMC Employee Parking Garage Traffic Management Plan for Site Utility Installation

Al,

In preparation of the upcoming service utility work to take place in St. John St, we have prepared the following traffic management plan to appropriately sequence and schedule activities that will divert and affect daily commuters. The following sheets show two phases of the work including the installation of utilities (water, sewer, electric & communications) as well as the installation of a new right-hand turn lane, sidewalk and pavement overlayment for the use of future occupants of the garage. All of this scheduled work has previously been approved by the city as part of the initial site plan approval process and scheduled to begin in June 2019.

Phase 1: Site Utility Installation

The proposed parking garage will require that new services be brought to the building including storm drainage, electric power, fiber optics, telephone, cable TV, natural gas, domestic water, fire hydrant water and sanitary sewer. St. John St will be required to be barricaded into three lanes such that two-way traffic is maintained at all times with work being completed in the third lane. The use of flaggers and traffic signs will be used to warn and direct commuters to the appropriate lanes and around the construction work. At the end of each workday one lane of traffic will remain closed and barricaded with proper signage during off-hours. On-street parking between 158 St. John St. and 222 St. John St. will not be allowed (approximately 32 parking spaces) throughout the duration of the installation and sidewalk closures will be required.

The work will begin with the deepest utility, based on existing conditions, and work each line from the St. John St. intersection toward the project site. Each utility will be installed in three phases to complete the installation across the intersection utilizing the barricaded system and redirecting the oncoming traffic as required. It is anticipated that each utility will require one day to excavate, install and backfill each phase to cross to the street resulting in a four-week total duration of traffic lane reassignment from approximately June 17 – July 15, 2019.

Upon completion of the utility installation the road will be temporarily paved for the use of daily traffic until the permanent overlayment can be installed following the installation of the right-hand turn lane.

Phase 2: Right-hand Turn Lane Installation and St; John St. Overlayment

A right-hand turn lane and sidewalk are to be installed on St. John St. to facilitate the incoming employees of Maine Medical Center to use the parking garage. In similar fashion to the installation of the utilities, a barricaded traffic plan will be used to usher personal vehicles to the eastern portion of the street allowing adequate space for construction of the turn lane and sidewalk. Two-way traffic will be maintained in these lanes throughout the installation of the turn lane and no lane shifts are required. The installation of the turn lane and sidewalk is anticipated to take 2 weeks to complete.

Once the turn lane has been completed, work associated with the pavement and striping upgrades to St. John St. will occur. During this portion of the work the same barricaded traffic plan will be used to mill, overlay pavement and install striping one lane at a time. It is anticipated that 1 week will be needed for each lane to complete the scope of work. At the end of each workday, one lane will be closed to public traffic to maintain consistency and safety.

The installation of the turn lane, sidewalk and St John St. upgrades are tentatively scheduled for the end of September in coordination with the curtainwall installation at the elevator core. The work itself will take approximately 5 weeks to complete and will be completed no later than November 1, 2019. On-street parking between 158 St. John St. and 222

St. John St. will not be allowed (approximately 32 parking spaces) throughout the duration of the installation and sidewalk closures will be required.

Phase 3: Valley St Island

A new concrete island to facilitate a pedestrian crosswalk has been proposed and will be installed prior to the December 2019 turnover. This work includes the installation of a new concrete island and new brick sidewalks that turn the NW corner of Valley St and D St to match the existing condition. No underground utility work is required during this phase as all required utilities have previously been stubbed out of Valley St to accommodate future expansion.

Traffic management for this work will require the diversion of north and south bound traffic around the area of work. Both ways of travel will remain open throughout the construction. The installation of the island is anticipated to take no more than one week at which point the street would be returned to original use. All sidewalk work would occur without the requirement of deterring traffic however sidewalk closure will be required until completion.

Consigli has tentatively planned an onsite pre-operations meeting for May 15 to review the traffic management plan, scope of work, sequence and schedule of operations to more thoroughly detail the work to be performed within and adjacent to St. John St. All permits required to complete this work will be required within 30 days of the start of work currently scheduled for June 17, 2019.

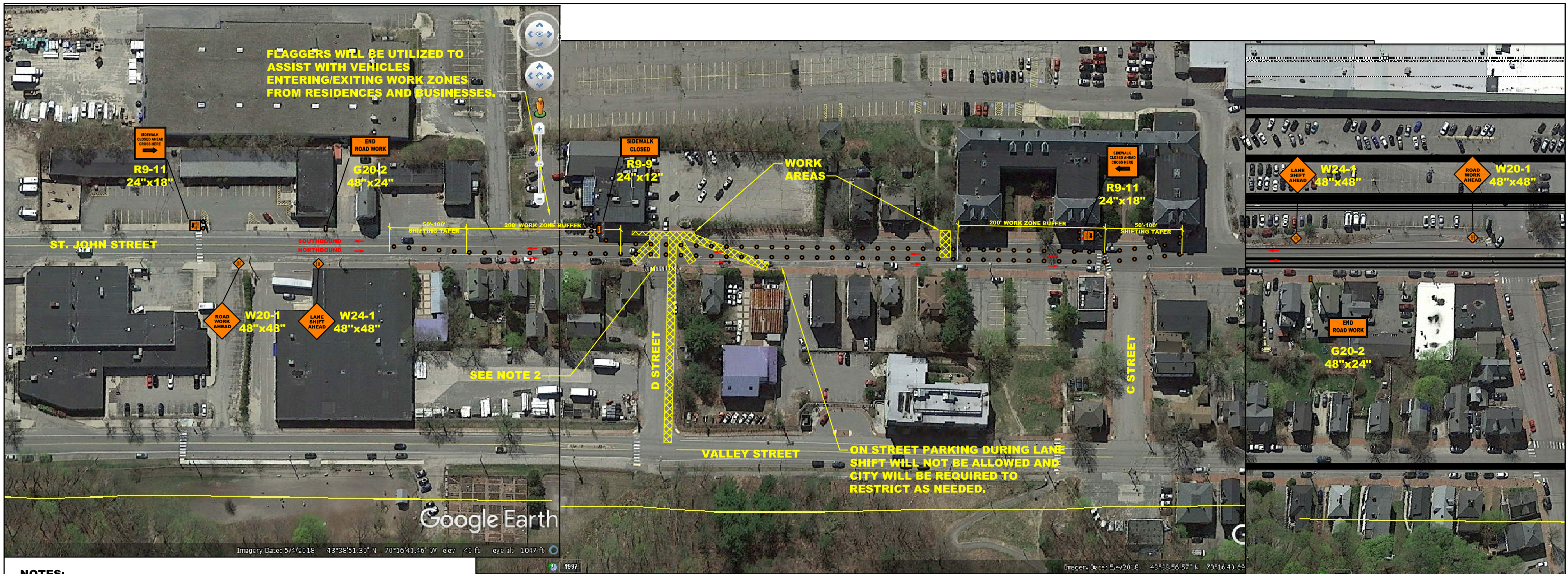
Should you have any questions or comments please feel free to contact me. Thank you.

Sincerely,



Travis Kirby
Project Manager
Consigli Construction

Cc: Dominic Gagnon, Colliers International
Tim Braun, Maine Medical Center

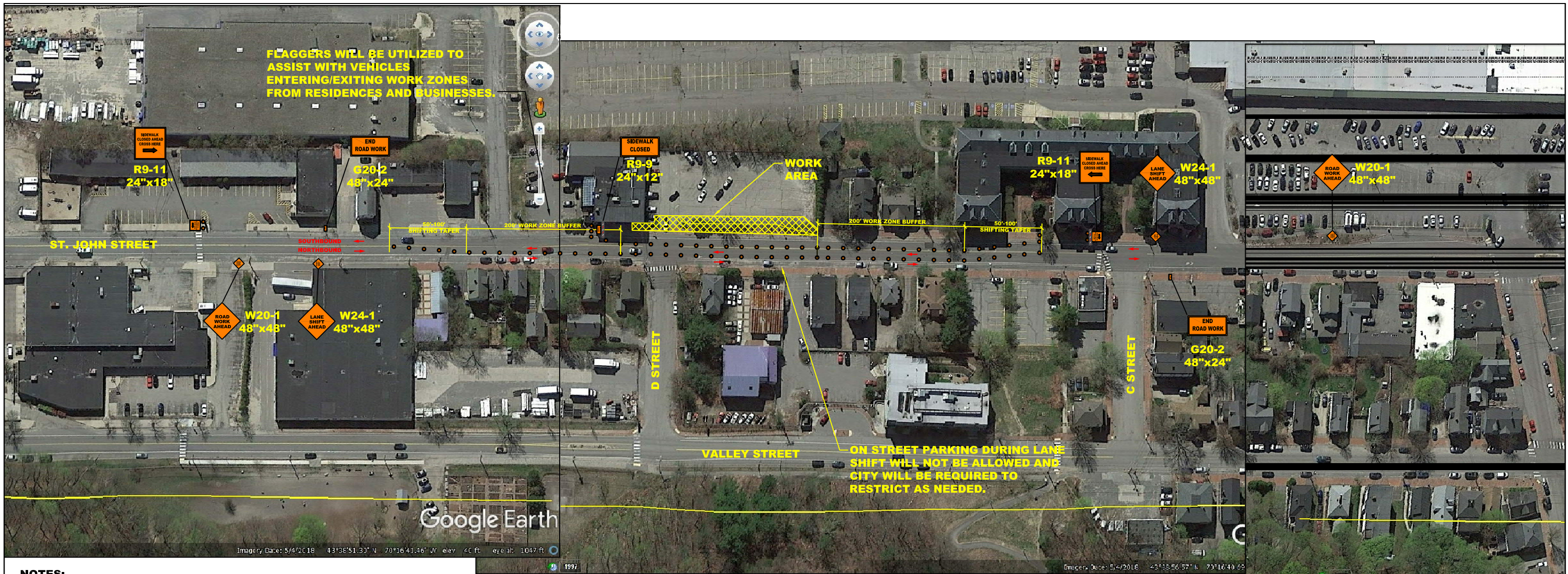


NOTES:

1. UTILITY WORK ALONG ST. JOHN STREET WILL BE DONE IN 3-SHIFTS. FLAGGERS WILL BE LOCATED AT ALL 3 LEGS TO ASSIST WITH GUIDING TRAFFIC AND PEDESTRIANS.
2. WHEN WORK ZONE IS LOCATED IN ST. JOHN STREET NORTHBOUND LANE, D-STREET WILL BE CLOSED TO TRAFFIC AND DETOUR SIGNAGE WILL BE INSTALLED.
3. ONE LANE OF TRAFFIC IN EACH DIRECTION WILL BE OPEN AT ALL TIMES DURING CONSTRUCTION.
4. LANE SHIFT SHOWN IS FOR WORK ZONE IN SOUTHBOUND LANE/SHOULDER. SHIFT FOR WORK ZONE IN NORTHBOUND LANE/SHOULDER, MEDIAN, D-STREET, AND VALLEY STREET WILL BE SIMILAR.
5. SIGNS SHOWN ARE EASEL MOUNTED.
6. BUFFER AND TAPER LENGTH PER MDOT STD DETAIL 652(15)
7. DRUM/CONE SPACING PER MDOT STD DETAIL 652(15)
8. APPROACH SIGN SPACING IS 100' BASED ON 30MPH.
9. MINIMUM LANE WIDTH IS 11'.

Maine Medical Center Parking Garage		St. John Street - Utilities Work Zone Traffic Control Plan		FIGURE 1		
Shaw Brothers Construction, Inc. 341 Mosher Road, P.O. Box 69 Gorham, Maine 04038 (207) 839-2552		DRAWN:	M.E.		DATE:	3/5/19
		DESIGNED:	-		SCALE:	1"=125'
		CHECKED:	-		FILE:	-
		FILE LOC:	-			





NOTES:


1. LANE CLOSURE IS ONLY REQUIRED WHEN EQUIPMENT IS REQUIRED TO BE IN SOUTHBOUND TRAVELWAY/SHOULDER TO CONSTRUCT LANE WIDENING.
2. ONE LANE OF TRAFFIC IN EACH DIRECTION WILL BE OPEN AT ALL TIMES DURING CONSTRUCTION.
3. SIGNS SHOWN ARE EASEL MOUNTED.
4. BUFFER AND TAPER LENGTH PER MDOT STD DETAIL 652(15)
5. DRUM/CONE SPACING PER MDOT STD DETAIL 652(15)
6. APPROACH SIGN SPACING IS 100' BASED ON 30MPH.
7. MINIMUM LANE WIDTH IS 11'.

Maine Medical Center Parking Garage		St. John Street - Lane Widening Work Zone Traffic Control Plan		FIGURE 2		
Shaw Brothers Construction, Inc. 341 Mosher Road, P.O. Box 69 Gorham, Maine 04038 (207) 839-2552		DRAWN:	M.E.		DATE:	1/18/19
		DESIGNED:	-		SCALE:	1"=125'
		CHECKED:	-		FILE:	-
		FILE LOC:	-			





- NOTES:**
1. SIGNS SHOWN ARE EASEL MOUNTED.
 2. MINIMUM LANE WIDTH IS 11'.

Maine Medical Center Parking Garage		D Street - Utility Work Zone Traffic Control Plan		
Shaw Brothers Construction, Inc. 341 Mosher Road, P.O. Box 69 Gorham, Maine 04038 (207) 839-2552		DRAWN: M.E.	DATE: 5/13/19	FIGURE 3
		DESIGNED: -	SCALE: 1"=125'	
		CHECKED: -	FILE: -	
		FILE LOC: -		



St John St

D St

ROAD WORK AHEAD

END ROAD WORK

FLAGGER AHEAD

END ROAD WORK

ROAD WORK AHEAD

FLAGGER AHEAD

FLAGGER AHEAD

END ROAD WORK

ROAD WORK AHEAD