



September 21, 2018

Tuck O'Brien
City Planning Director
City of Portland
389 Congress Street ~ 4th Floor
Portland, ME 04101

RE: Final Construction Management Plan for Roadway / Signal Work: 190 and 222 St. John Street

Dear Tuck:

Consigli Construction Co., Inc. (Consigli) will need to perform roadway / signal work as a part of the Maine Medical Center Employee Garage project on St. John Street, D Street, Valley Street, and A Street . Based on the schedule for the project, the final design and necessary approvals for this work will not be completed in a timeframe that allows for the construction management plan to be finalized before the submission of a building permit application.

Roadway / signal work will occur as follows:

- Follow the guidelines provided in Manual of Uniform Traffic Control Devices as it relates to roadway / signal work. Examples of typical applications are attached for your information.
- Alternate single lane traffic will be implemented. Street closures are not anticipated.
- Construction management plans for roadway / signal work will be submitted and reviewed with the City of Portland prior to the execution of work.
- Work will occur in Summer / Fall 2019 on weekdays and during daylight hours.

Please consider approving this approach to meet the Planning Board condition of approval for a final construction management plan prior to the issuance of a building permit.

If you have any questions, please do not hesitate to call.

Regards,
Consigli Construction Co., Inc.

David Thomas
Project Executive

Table 6H-2. Meaning of Symbols on Typical Application Diagrams


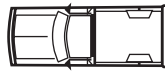



















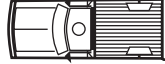

	Arrow board		Shadow vehicle
	Arrow board support or trailer (shown facing down)		Sign (shown facing left)
	Changeable message sign or support trailer		Surveyor
	Channelizing device		Temporary barrier
	Crash cushion		Temporary barrier with warning light
	Direction of temporary traffic detour		Traffic or pedestrian signal
	Direction of traffic		Truck-mounted attenuator
	Flagger		Type 3 barricade
	High-level warning device (Flag tree)		Warning light
	Longitudinal channelizing device		Work space
	Luminaire		Work vehicle
	Pavement markings that should be removed for a long-term project		

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	100 feet	100 feet	100 feet
Urban (high speed)*	350 feet	350 feet	350 feet
Rural	500 feet	500 feet	500 feet
Expressway / Freeway	1,000 feet	1,500 feet	2,640 feet

* Speed category to be determined by highway agency

** The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The "first sign" is the sign in a three-sign series that is closest to the TTC zone. The "third sign" is the sign that is furthest upstream from the TTC zone.)

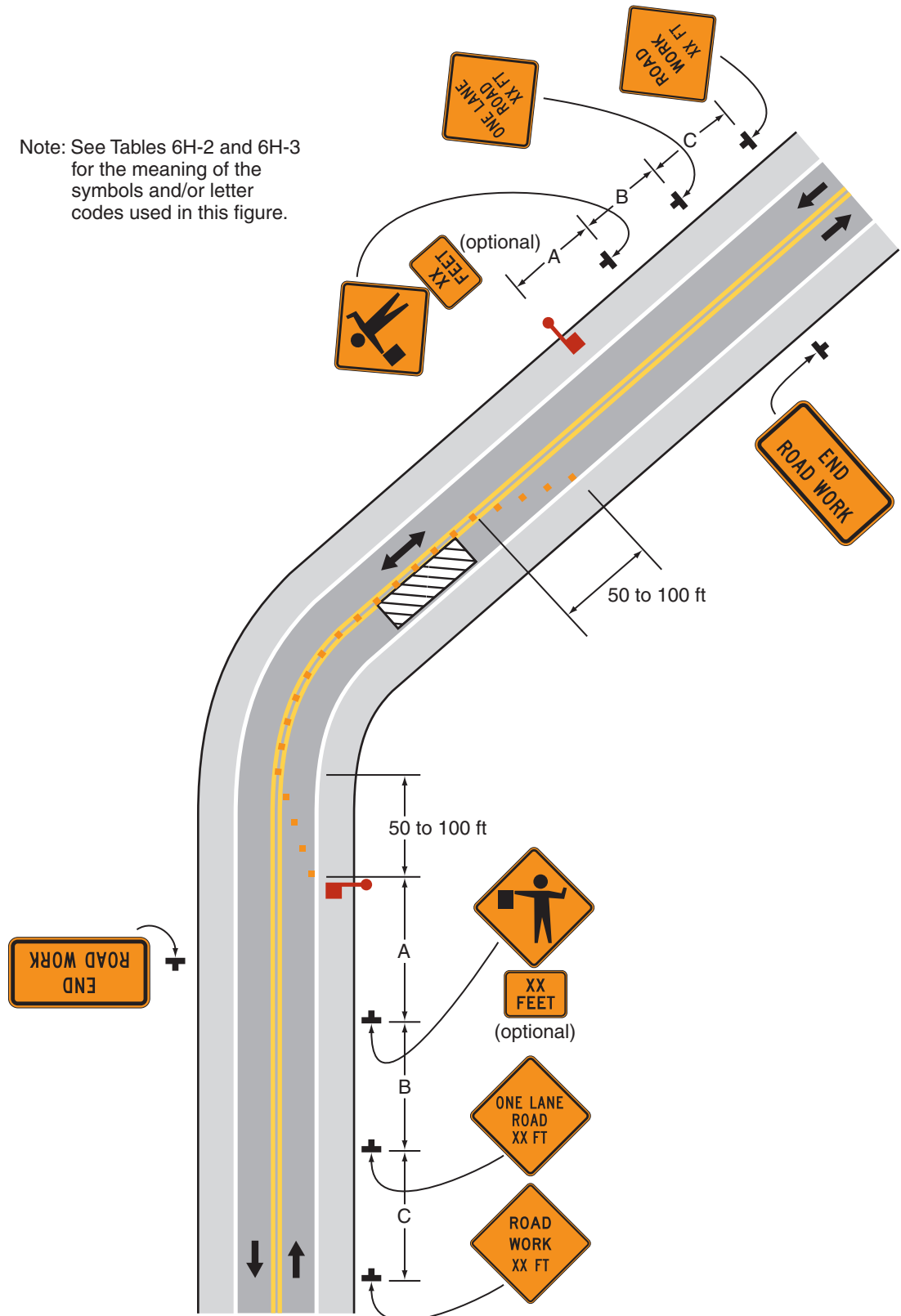
Table 6H-4. Formulas for Determining Taper Length

Speed (S)	Taper Length (L) in feet
40 mph or less	$L = \frac{WS^2}{60}$
45 mph or more	$L = WS$

Where: L = taper length in feet
 W = width of offset in feet
 S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

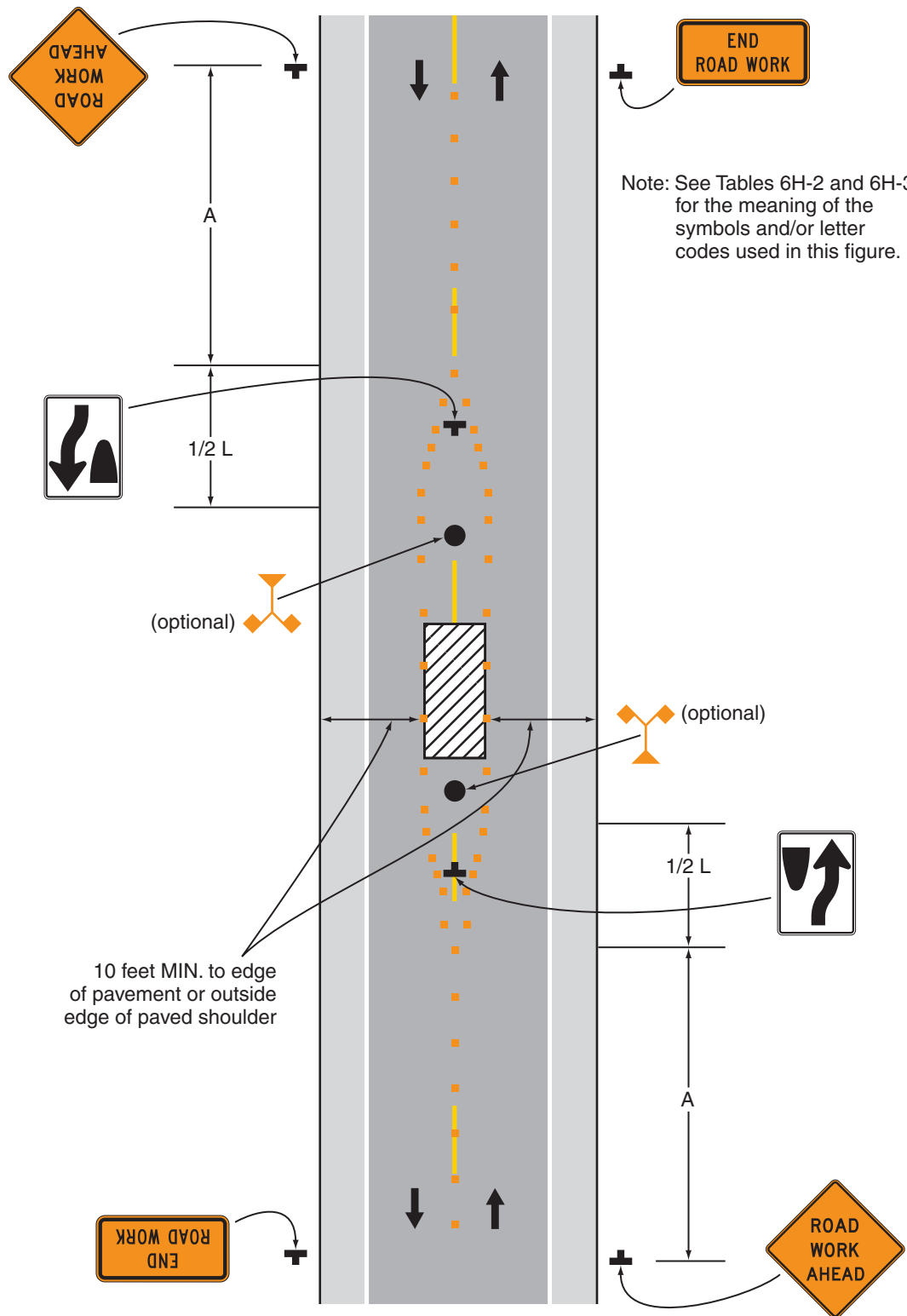
Figure 6H-10. Lane Closure on a Two-Lane Road Using Flaggers (TA-10)

Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.



Typical Application 10

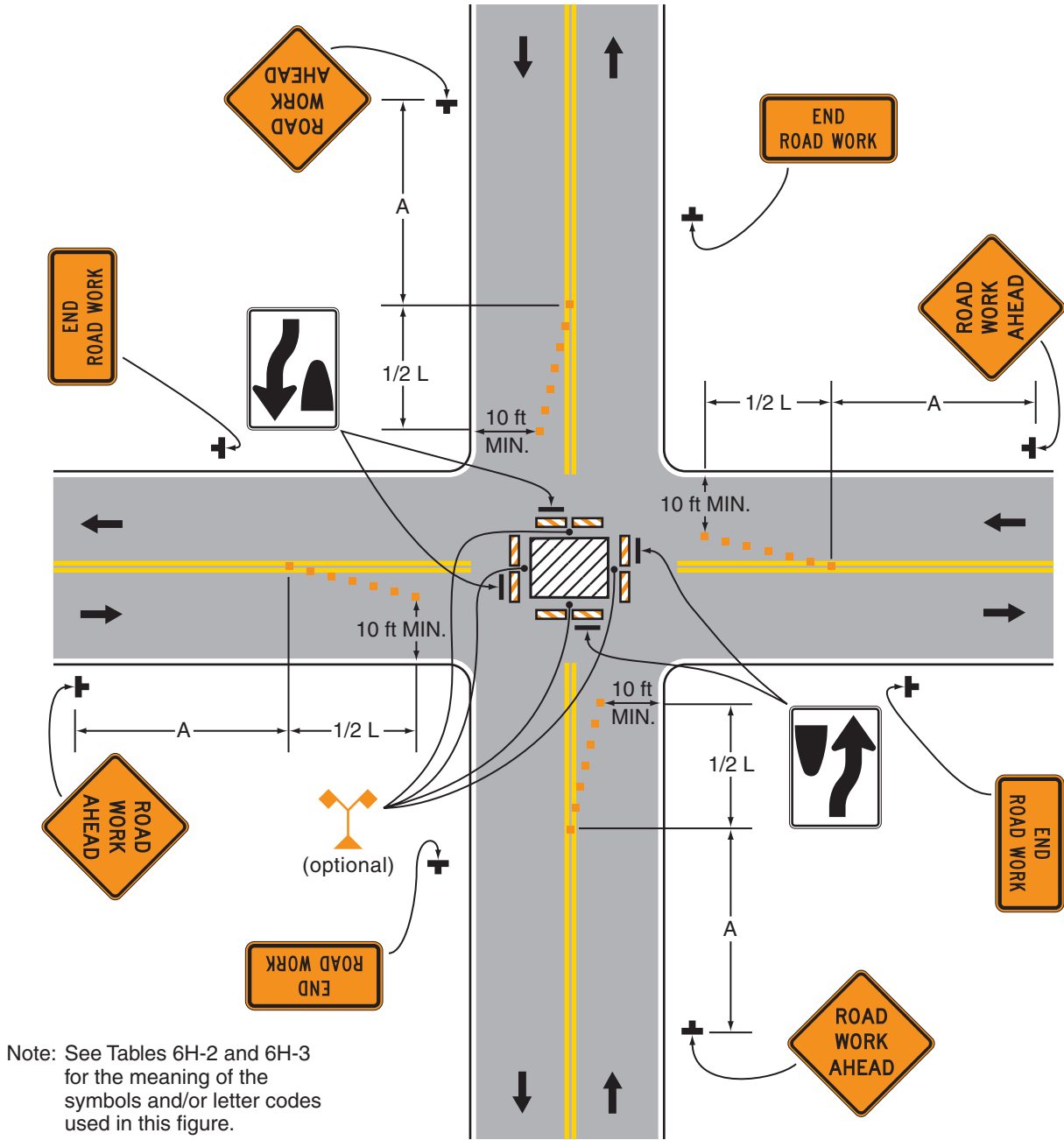
Figure 6H-15. Work in the Center of a Road with Low Traffic Volumes (TA-15)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 15

Figure 6H-26. Closure in the Center of an Intersection (TA-26)



Note: See Tables 6H-2 and 6H-3 for the meaning of the symbols and/or letter codes used in this figure.

Typical Application 26

Figure 6H-27. Closure at the Side of an Intersection (TA-27)

