TMP CHECKLIST

Purpose: To make a preliminary determination of whether the following issues are present or should be considered during project development through a more detailed TMP.

Initial Project Significance Level (as determined in Table 4):   Project Type C, Not Significant

Project Manager during Project Definition:

Name: N/A   Date: N/A

Modified or Approved by (Project Manager at Preliminary Design for Significant Projects):

Name: Rob Young   Date:

Modified or Approved by (Project Manager at PS&E for Significant Projects):

Name: Cory Burrall   Date: 10/17/24

Project Description (Location, Activity, Anticipated Duration):

Location: Town of Lowell in Orleans County on VT Route 100 over unnamed brook. The bridge is located approximately 0.2 miles south of the junction with VT Route 58.

Activity: Replacement of Bridge No. 237 (Culvert) along with related roadway and channel work

Anticipated Duration: Project is anticipated to be constructed over a 2.5 month period, maximum, with a 5-day closure for the replacement of the pipe.

	Yes	No	Poss	N/A	Comments
1. Does the project require a long-term (greater than 3 days)[1] lane or roadway/bridge closure?	☒	☐	☐	☐	Roadway closure duration is anticipated to be 5 days or fewer
2. Are there any restrictions or considerations regarding construction timeframes due to traffic concerns (e.g., time of day, site specific time of year limits)?	☒	☐	☐	☐	Limiting closure period to summer mitigates impacts to school bus routes. Detour agreement with Town of Eden limits closure to months of July and August
3. Can typical applications for traffic control be used? Are there any limitations to when typical applications can be used (time of year, times, days)?	☒	☐	☐	☐	
4. Is there a sidewalk, pedestrian/bicycle lane, path, trail, or access that needs to be maintained during construction?	☐	☒	☐	☐	There are no facilities that will need to be maintained.

	Yes	No	Poss	N/A	Comments
5. Is a speed reduction proposed (consistent with state guidance)?	☐	☒	☐	☐	
6. Will temporary roadways or additional width be needed on culverts, bridges, or shoulders to maintain traffic?	☐	☒	☐	☐	
7. Will construction impact access to businesses?	☐	☒	☐	☐	
8. Are there other projects (utility, district maintenance, construction, municipal) in the area that should be coordinated or avoided?	☒	☐	☐	☐	See Notice to Bidders - Concurrent Construction for project listing
9. Will/Can the traffic be reasonably detoured? If no or N/A, proceed to #10. If yes or possibly:	☒	☐	☐	☐	The proposed regional detour route utilizes town highways (North Rd in Eden; Mines Rd, Hazen Notch Rd, and Lower Village Rd in Lowell).
a. Is the detour route roadway type equivalent to closed roadway?	☐	☒	☐	☐	The proposed regional detour route is on class 2 town highways and town owned major/minor collectors.
b. Is the local alternate detour route in good condition?	☒	☐	☐	☐	
c. Will the detour route have a detrimental impact on emergency vehicles, school buses, or other sensitive traffic?	☒	☐	☐	☐	The presence of the local detour will mitigate the majority of harm imposed by the regional detour, but will still increase emergency response times.
d. Are there load limit restrictions on the detour?	☐	☒	☐	☐	Load limit restrictions from town highway statutory limits are being waived for the duration of the detour.
e. Are there bridge/culvert width or height restrictions on the detour?	☐	☒	☐	☐	Hazen Notch Rd currently has a single lane temporary bridge spanning Burgess Branch. A project is in progress to replace the bridge, and is scheduled for completion prior to construction of this project.
f. Are modifications needed at intersections on detour/alternate routes?	☐	☒	☐	☐	
10. Will traffic signal timing need to be adjusted for the project (with or without a detour)?	☐	☒	☐	☐	

	Yes	No	Poss	N/A	Comments
11. Are there truck facilities or routes that would be impacted by the project or by a detour (turning radii, weight restrictions, etc.)?	☐	☒	☐	☐	
12. Are there special events or traffic generators (schools and bus routes, large employers, hospitals) that may be affected by the project and/or detour?	☒	☐	☐	☐	VT 100 through Lowell is a primary route for trash haulers heading to the Coventry Landfill. The detour would impact their operations, though this will be mitigated by the short duration and timing of the closure (5 day closure, starting on a Friday evening).
13. Will the emergency vehicle routing, mail delivery, school bus routes, or trash services be interrupted by the project (with or without a detour)?	☒	☐	☐	☐	Yes, emergency vehicles, mail delivery, and school bus routes will be impacted by the detour. The short local detour and short duration will mitigate these impacts.
14. Are there specific stakeholders to engage regarding the work zone impacts?	☒	☐	☐	☐	The Towns of Eden and Lowell, Lowell Fire Department, and Casella Waste
15. Does the project occur within a high crash location?	☐	☒	☐	☐	
16. Are there other maintenance of traffic issues to consider? Specify.	☐	☒	☐	☐	

1.   MUTCD definition of long-term work is occupying a location more than 3 days.

Additional Narrative for Not Significant Projects with issues identified above:

Detour Route Additional Information

The Detour via North Road in Eden and Mines Road in Lowell was utilized for a 1-night closure for a past project [Eden ER E20-1(801)], and was satisfactory for state traffic. The towns of Eden and Lowell have signed agreements with the state permitting detour of VT 100 traffic onto these roads for a short duration detour. Weight limit posting signs will be covered for the detour. There are no bridges of concern with respect to the weight limitation on the proposed detour route.

The bridge adjacent to the Lowell post office on the detour route, Bridge 8 on Hazen's Notch Road (Officially FAS 308, signed VT 58), is in "Fair" Condition. While the deck is in "Poor" condition, the bridge is anticipated to be in adequate condition to carry state route traffic for a short term detour.