

MAINTENANCE OF TRAFFIC

NOTES:

1. THE SUGGESTED SEQUENCE OF CONSTRUCTION DETAILED HEREIN IS PROVIDED AS A GENERAL GUIDE ONLY. THESE PLANS DO NOT ANTICIPATE ALL POSSIBLE CONTRACTOR ACTIVITIES.
2. DURING CONSTRUCTION THE CONTRACTOR MUST MAINTAIN TWO-WAY TRAFFIC THROUGHOUT THE PROJECT SITE WITH THE EXCEPTION OF THOSE TIMES SPECIFICALLY NOTED IN THE PLANS. THESE PLANS SHOW ONE OPTION THE CONTRACTOR CAN USE TO FACILITATE TWO-WAY TRAFFIC DURING CONSTRUCTION WHICH INVOLVES SHIFTING TRAFFIC TO THE NORTH SIDE OF THE PROPOSED BRIDGE LOCATION AND REVISING THE PROFILE SUCH THAT THE TEMPORARY ROADWAY IS AT A LOWER ELEVATION NEAR THE PROPOSED BRIDGE. IF THE CONTRACTOR ELECTS TO USE AN ALTERNATE TEMPORARY ROADWAY SCHEME, THE CONTRACTOR MUST SUBMIT REVISIONS TO THE TEMPORARY ROADWAY DETOUR PLANS FOR APPROVAL. ANY CHANGE THAT ALTERS THE BASIC CONCEPT OF THE PLANS MUST BE SUBMITTED 30 DAYS IN ADVANCE TO THE AGENCY FOR REVIEW AND APPROVAL.
3. MAINTENANCE OF TRAFFIC (MOT) SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 641 OF THE STANDARD SPECIFICATIONS, ITEM 900.645 , "SPECIAL PROVISION (TEMPORARY ROADWAY)", THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ITS REVISIONS AND AMENDMENTS, ANY PROVISIONS IN THE PLANS AND / OR SPECIFICATIONS OF THIS PROJECT, AND VERMONT AGENCY OF TRANSPORTATION STANDARD DETAILS.
4. CONSTRUCTION AND REMOVAL OF THE TEMPORARY ROADWAY AND RE-ESTABLISHING THE PRE-EXISTING CONDITIONS WITHIN THE LIMITS OF THE TEMPORARY ROADWAY AS SHOWN ON THE MAINTENANCE OF TRAFFIC SHEETS OR OF OTHER VTRANS APPROVED ALTERNATIVE MEANS OF MAINTAINING TRAFFIC DEVELOPED BY THE CONTRACTOR SHALL BE PAID FOR UNDER ITEM 900.645, "SPECIAL PROVISION (TEMPORARY ROADWAY)". ALTERNATE MEANS OF MAINTAINING TRAFFIC MAY BE DEVELOPED AND PROPOSED BY THE CONTRACTOR AND SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. PAYMENT UNDER ITEM 900.645, "SPECIAL PROVISION (TEMPORARY ROADWAY)" SHALL INCLUDE THE FOLLOWING:
 - A) CONSTRUCTION OF THE TEMPORARY ROADWAY SHALL INCLUDE BUT IS NOT LIMITED TO EXCAVATION, EMBANKMENT, SUBBASE, PAVEMENT, PAVEMENT MARKINGS, TEMPORARY SEEDING/MULCHING, TEMPORARY TRAFFIC BARRIER, TEMPORARY STRUCTURES, TEMPORARY SHEETING AND BRACING, AND TEMPORARY SHEETING FOR FLOW DIVERSION. EXCAVATION ALONG THE TEMPORARY ROADWAY WITHIN THE LIMITS OF THE FINAL BUILD EXCAVATION AS SHOWN ON THE LAYOUT SHEET AND THE BRIDGE AND EARTHWORK TYPICAL SECTIONS SHEET SHALL BE PAID UNDER ITEM 203.15 "COMMON EXCAVATION". PAYMENT FOR APPROACH SIGNING AND OTHER MAINTENANCE OF TRAFFIC ITEMS SHALL BE UNDER THE APPROPRIATE MAINTENANCE OF TRAFFIC ITEMS.
 - B) AFTER THE NEW BRIDGE IS CONSTRUCTED AND TRAFFIC IS MOVED FROM THE TEMPORARY ROADWAY TO THE NEW BRIDGE, THE CONTRACTOR SHALL REMOVE THE TEMPORARY ROADWAY. PAYMENT FOR REMOVAL OF THE TEMPORARY ROADWAY SHALL INCLUDE BUT IS NOT LIMITED TO REMOVAL OF TEMPORARY OVERBUILD EMBANKMENT, TEMPORARY PAVEMENT, TEMPORARY TRAFFIC BARRIERS, TEMPORARY STRUCTURES, TEMPORARY SHEETING AND BRACING, AND TEMPORARY SHEETING FOR FLOW DIVERSION.
 - C) AFTER THE NEW BRIDGE IS CONSTRUCTED AND TRAFFIC IS MOVED FROM THE TEMPORARY ROADWAY TO THE NEW BRIDGE, THE CONTRACTOR SHALL RE-ESTABLISH THE PRE-EXISTING CONDITIONS WITHIN THE LIMITS OF THE TEMPORARY ROADWAY ALONG THE APPROACHES AND OUTSIDE THE LIMITS OF THE FINAL BUILD EXCAVATION AS SHOWN ON THE LAYOUT SHEET AND THE BRIDGE AND EARTHWORK TYPICAL SECTIONS SHEET. PAYMENT FOR RE-ESTABLISHING PRE-EXISTING CONDITIONS WITHIN THESE LIMITS SHALL INCLUDE BUT IS NOT LIMITED TO RECONSTRUCTION OF APPROACH ROADWAY EMBANKMENT, SUBBASE, PAVEMENT, PAVEMENT MARKINGS, GUARDRAIL, DRAINAGE CULVERTS, AND FIELD DRIVES AS SHOWN ON THE MAINTENANCE OF TRAFFIC SHEETS. SEEDING/MULCHING AND ASSOCIATED TURF ESTABLISHMENT ITEMS FOR RE-ESTABLISHING THE PRE-EXISTING CONDITIONS SHALL BE PAID FOR UNDER THE APPROPRIATE SECTION 651 CONTRACT ITEMS.
5. TEMPORARY LANE WIDTHS SHALL BE A MINIMUM OF 12 FEET UNLESS OTHERWISE NOTED. 26' MINIMUM CLEAR WIDTH BETWEEN FACES OF BARRIER SHALL BE STRICTLY ADHERED TO.
6. RE-CONSTRUCTION OF APPROACHES ALONG VT15 FINAL ALIGNMENT ALTERED DUE TO CONSTRUCTION OF THE TEMPORARY ROADWAY ALIGNMENT, SHALL BE PER "TYPICAL ROADWAY RE-CONSTRUCTION SECTION" SHOWN ON MAINTENANCE OF TRAFFIC PLAN, PHASE 2B. PAYMENT FOR RE-CONSTRUCTION OF THESE APPROACHES SHALL BE PAID FOR UNDER ITEM 900.645, "SPECIAL PROVISION (TEMPORARY ROADWAY)".
7. ADVISORY SPEED WILL BE 25 MPH FOR THE TEMPORARY DETOUR ROADWAY.
8. TEMPORARY ROADWAY SHALL BE PAVED TO A MINIMUM DEPTH OF TWO INCHES.
9. ALL DROP OFF AREAS WITHIN CONSTRUCTION AND MAINTENANCE WORK ZONE AREAS SHALL BE PROTECTED FROM ADJACENT TRAVEL LANES IN ACCORDANCE WITH POLICIES FOLLOWED BY THE AGENCY (SEE STANDARD DETAILS T-35 AND T-36).
10. DESIGN OF THE TEMPORARY SHEETING AND BRACING AND/OR TEMPORARY STRUCTURE(S) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS 505 AND 528, RESPECTIVELY. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.645 , "SPECIAL PROVISION (TEMPORARY ROADWAY)".
11. BEFORE TRAFFIC CAN UTILIZE CONSTRUCTION ROADWAYS, ALL DRAINAGE STRUCTURES, GUARDRAIL AND BARRIERS SHALL BE IN PLACE.
12. THE CONTRACTOR SHALL SCHEDULE OPERATIONS IN A MANNER THAT REDUCES THE AMOUNT OF TIME THAT NORMAL TRAFFIC FLOWS ARE DISRUPTED.
13. WHEN TEMPORARY TRAFFIC BARRIER IS USED, BARRIER ENDS FACING ONCOMING TRAFFIC SHALL BE TAPERED BEYOND THE CLEAR ZONE OR PROTECTED WITH AN ENERGY ABSORPTION ATTENUATOR OR AN EQUIVALENT APPROVED END TREATMENT DESIGNED FOR THE 85TH PERCENTILE SPEED OR THE POSTED SPEED LIMIT OF THE ROADWAY.
14. THE ENERGY ABSORPTION ATTENUATORS FOR THIS PROJECT SHALL BE SUITABLE FOR A NARROW WIDTH APPLICATION AND SHALL BE INSTALLED AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLAN SHEETS. THESE ATTENUATORS WILL BE PAID FOR UNDER THE ITEM 900.645 , "SPECIAL PROVISION (TEMPORARY ROADWAY)". THE ATTENUATORS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 621 AND MEET THE REQUIREMENTS OF THE LATEST VERSION OF THE AASHTO "ROADSIDE DESIGN GUIDE," AND SHALL BE DESIGNED FOR A 4500 LB VEHICLE TRAVELING AT 35 MPH.
15. LONGITUDINAL CONSTRUCTION JOINTS WITHIN THE SUPERSTRUCTURE DECK ARE NOT ALLOWED.
16. TRAFFIC CONTROL SIGNS AND DEVICES SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS ARE CONSIDERED THE MINIMUM REQUIREMENTS FOR SAFE OPERATIONS. ADDITIONAL SIGNS AND / OR TRAFFIC CONTROL DEVICES MAY BE REQUIRED AS DETERMINED BY THE ENGINEER.
17. IN ORDER TO MAINTAIN EFFECTIVE TRAFFIC CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT THE SIGNS AND OTHER TRAFFIC CONTROL DEVICES ARE IN GOOD CONDITION AND ARE PROPERLY PLACED.
18. VEHICLES / EQUIPMENT PARKED WITHIN THE PROJECT LIMITS BELONGING TO THE CONTRACTOR AND / OR THE CONTRACTOR'S EMPLOYEES SHALL BE KEPT TO A MINIMUM AND PARKED IN SUCH A MANNER THAT DOES NOT OBSTRUCT THE VIEW OF SIGNS, BARRIERS, BARRICADES OR ANY OTHER TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL NOT PARK VEHICLES / EQUIPMENT OR STORE MATERIALS IN ANY LOCATION WHERE IT IS DEEMED A SAFETY HAZARD BY THE ENGINEER.
19. WHEN SHORT-DURATION ONE-WAY TRAFFIC IS NECESSARY AND APPROVED BY THE ENGINEER, THE CONTRACTOR SHALL REFER TO THE TYPICAL FLAGGER OPERATION DETAIL IN THE STANDARD DETAILS AND THE MUTCD FOR TYPICAL CHANNELIZATION AND MAINTENANCE OF TRAFFIC.
20. ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS IN EACH PHASE OF CONSTRUCTION SHALL BE COMPLETELY REMOVED OR COVERED WITH BLACK PAVEMENT MARKING MASKING TAPE IN ACCORDANCE WITH SUBSECTION 646.08(b). PAINTING OUT EXISTING LINES WILL NOT BE ACCEPTABLE. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.645 , "SPECIAL PROVISION (TEMPORARY ROADWAY)".
21. SIGNS AND SIGN LOCATIONS SHALL BE IN CONFORMANCE WITH THE CURRENT MUTCD, STATE OF VERMONT STANDARDS, AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS AND AS DIRECTED BY THE ENGINEER. SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER IN THE FIELD.
22. INSTALL SIGNS AND PAVEMENT MARKINGS AS SHOWN ON THE PLANS PRIOR TO OPENING ANY PORTION OF THE PROJECT TO FINAL AND / OR DETOUR TRAFFIC. CARE MUST BE TAKEN TO INSURE THAT FINAL SIGNS AND PAVEMENT MARKINGS DO NOT CONFLICT WITH PROPOSED TRAFFIC PATTERNS IN ANY ONE STAGE. FINAL SIGNS THAT ARE IN PLACE, BUT NOT IN USE, SHALL BE COVERED.
23. THE COVERING, RELOCATION AND REMOVAL OF EXISTING SIGNS SHALL BE AS ORDERED BY THE ENGINEER. EXISTING SIGNAGE SHALL BE RETURNED TO THE OWNER OF RECORD - STATE OR TOWN. PAYMENT FOR COVERING SIGNS WILL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEM 641.10. PAYMENT FOR RELOCATION AND REMOVAL OF EXISTING SIGNS SHALL BE INCLUDED UNDER THEIR RESPECTIVE ITEMS.
24. THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITIES TO ELIMINATE OR MINIMIZE DISRUPTIONS TO SERVICE.
25. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE PLACED AT THE PROJECT LOCATION 14 DAYS PRIOR TO THE START OF CONSTRUCTION TO WARN OF THE IMPENDING DETOUR AND MAY BE REMOVED ONCE CONSTRUCTION HAS BEGUN. THESE SIGNS AND THEIR REMOVAL SHALL BE PAID UNDER ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN".
26. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FIELD ENTRANCES.

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		MAINTENANCE OF TRAFFIC - NOTES	SHEET 14 OF 60