

TRAFFIC CONTROL PLAN NOTES

1. TRAFFIC IS TO BE CONTROLLED AND MAINTAINED AT ALL TIMES AS SPECIFIED IN THE TRAFFIC CONTROL PLAN.
2. THE CONTRACTOR SHALL RETAIN A PUBLIC RELATIONS OFFICER TO PROVIDE TRAVEL INFORMATION TO THE PUBLIC THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. SEE SPECIAL PROVISIONS. THIS SHALL BE PAID UNDER ITEM 641.0, "TRAFFIC CONTROL (MOD. - PUBLIC RELATIONS OFFICER)".
3. TRAFFIC CONTROL MEASURES WILL NOT BE PERMITTED BETWEEN NOVEMBER 1 AND APRIL 15, UNLESS OTHERWISE APPROVED BY THE ENGINEER. IN ADDITION, ONCE TRAFFIC CONTROL DEVICES HAVE BEEN INSTALLED THE CONTRACTOR SHALL BEGIN ASSOCIATED CONSTRUCTION WORK IMMEDIATELY, AND PROCEED IN A TIMELY MANNER THROUGH COMPLETION IN ORDER TO MINIMIZE INCONVENIENCE TO THE TRAVELING PUBLIC.
4. ALL PRIVATE VEHICLES BELONGING TO THE CONTRACTOR'S WORK CREWS SHALL NOT BE PARKED ON THE INTERSTATE RIGHT-OF-WAY NOR ON THE TRAVELLED WAY OF ANY OTHER ROAD.
5. SIGNS, BARRICADES, AND OTHER TRAFFIC CONTROL DEVICES SHALL BE CLEANED WEEKLY. ALSO, ALL EXISTING SIGNS WHICH CONTRADICT TEMPORARY TRAFFIC CONTROL SIGNING MUST BE COVERED OR REMOVED (AND REPLACED AFTER CONSTRUCTION COMPLETION). COST FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 641.0, "TRAFFIC CONTROL".
6. FLASHING ARROW PANELS SHALL BE PAID UNDER ITEM 641.16, "PORTABLE ARROW BOARD", AND PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PAID UNDER ITEM 641.15, "PORTABLE CHANGEABLE MESSAGE SIGN". PAYMENT FOR TRAFFIC CONTROL SIGNS, PLASTIC DRUMS, DELINEATORS, AND TYPE III BARRICADES SHALL BE UNDER 641.0, "TRAFFIC CONTROL". PAYMENT SHALL INCLUDE ALL NECESSARY MAINTENANCE AND REPAIRS TO THESE TRAFFIC CONTROL DEVICES ON A DAILY BASIS. THE ENGINEER MAY ADD TRAFFIC CONTROL SIGNS AS NECESSARY. ADDITIONAL SIGNS, INCLUDING POSTS AND FOUNDATIONS, SHALL BE PAID FOR AS EXTRA WORK, IN ACCORDANCE WITH SECTION 109.06.
7. ENERGY ABSORPTION ATTENUATORS WILL BE REQUIRED AT LOCATIONS INDICATED IN THE TRAFFIC CONTROL PLAN AND AS ORDERED BY THE ENGINEER. ATTENUATORS SHOWN IN THE PLANS ARE SYMBOLIC ONLY AND DO NOT REPRESENT THE ACTUAL CONFIGURATION OF THE ATTENUATORS TO BE USED. THE ATTENUATORS SHALL MEET THE REQUIREMENTS OF THE LATEST VERSION OF THE AASHTO "GUIDE FOR SELECTING, LOCATING AND DESIGNING TRAFFIC BARRIERS" AND THE AASHTO "ROADSIDE DESIGN GUIDE". ATTENUATORS SHALL BE DESIGNED FOR 55 MPH AND A 4500 LB. VEHICLE. ATTENUATORS SHALL BE APPROVED BY THE ENGINEER AND PAID FOR UNDER ITEM 621.57. IF ATTENUATORS ARE DAMAGED BY AN ERRANT VEHICLE, COSTS TO THE CONTRACTOR FOR REPLACEMENT OF ANY PART OR ALL OF THE ATTENUATOR SHALL BE PAID AS "EXTRA WORK" PER SECTION 109.06. THE CONTRACTOR SHALL PROVIDE A SPARE FOR EACH TYPE OF ATTENUATOR USED ON THIS PROJECT, FOR THE PURPOSE OF IMMEDIATE REPLACEMENT OF DAMAGED ATTENUATORS. THE COST OF ON-SITE STORAGE OF EXTRA ATTENUATORS SHALL BE PAID AS SPECIFIED IN THE SPECIAL PROVISIONS.
8. 3" DIAMETER FLEXIBLE TUBULAR MARKERS SHALL BE PAID UNDER ITEM 616.20, "DELINEATORS WITH FLEXIBLE POSTS (MOD.)".
9. ALL TEMPORARY CENTERLINE STRIPING (SEPARATING TWO LANES IN THE SAME DIRECTION) SHALL BE ITEM 646.60, "TEMPORARY 4" WHITE LINE (TAPE TYPE II)". IN ADDITION, RAISED PAVEMENT MARKERS (RPM), TYPE II (WHITE) SHALL BE APPLIED ALONG ALL TEMPORARY CENTERLINE STRIPING (SEPARATING TWO LANES IN SAME DIRECTION) AT THE SAME SPACING AS RPM'S ON ADJACENT EDGE LINES, AND SHALL BE PAID FOR UNDER ITEM 646.81. RPM'S ALONG TEMPORARY CENTERLINE STRIPING ARE NOT SHOWN IN THE TRAFFIC CONTROL PLANS FOR CLARITY.
10. AT BRIDGE APPROACHES WHERE COLD PLANING OF THE ROADWAY SURFACE IS REQUIRED, THE CONTRACTOR SHALL INSTALL THE ADVANCED WARNING SIGN PACKAGE SHOWN IN STANDARD SHEET E-106, AND THE COST SHALL BE INCLUDED UNDER ITEM 641.0, "TRAFFIC CONTROL".
11. THE CONTRACTOR SHALL PROVIDE UNIFORMED TRAFFIC OFFICERS AT THE RAMP G/WILLISTON ROAD JUNCTION AT BRIDGE NO. 68 FROM 6:30 AM TO 1:30 PM 7 DAYS A WEEK FOR THE DURATION OF CONSTRUCTION AT THESE LOCATIONS. THESE HOURS MAY BE REDUCED OR INCREASED BY THE RESIDENT ENGINEER AS NECESSARY. IN ADDITION, THE RESIDENT ENGINEER MAY ORDER THE CONTRACTOR TO PROVIDE TRAFFIC POLICE OFFICERS AT OTHER LOCATIONS AT ANY TIME. PAYMENT FOR UNIFORMED TRAFFIC OFFICERS SHALL BE MADE UNDER ITEM 630.10, "UNIFORMED TRAFFIC OFFICERS".
12. DURING BRIDGE DECK CONCRETE REMOVAL OPERATIONS, THE TRAFFIC LANES UNDER THE BRIDGE SHALL BE PROTECTED BY ENCLOSING THE AREA BELOW THE DECK (WITHOUT REDUCING VERTICAL CLEARANCE). WHERE HYDRO-DEMOLITION IS USED AS THE METHOD OF CONCRETE REMOVAL, THE CONTRACTOR SHALL TEST THE PROTECTIVE ENCLOSURE FOR ITS ABILITY TO PREVENT DEBRIS AND WATER FROM FALLING ONTO TRAFFIC. THE CONTRACTOR SHALL SUBMIT DETAILS OF PROTECTIVE ENCLOSURES TO THE RESIDENT ENGINEER FOR APPROVAL. COSTS FOR PROVIDING PROTECTIVE ENCLOSURES SHALL BE INCLUDED UNDER ITEM 527.11, "TRAFFIC PROTECTION FOR BRIDGE PROJECT".
13. TEMPORARY TRAFFIC CONTROL USING LANE CLOSURES BELOW DECK CONCRETE REMOVAL OPERATIONS WILL ONLY BE ALLOWED DURING INSTALLATION AND REMOVAL OF THE PROTECTIVE ENCLOSURES. TEMPORARY TRAFFIC CONTROL UNDER BRIDGE 68 WILL ALSO BE NECESSARY IN ORDER TO PERFORM SUBSTRUCTURE REHABILITATION WORK AND CLEANING AND PAINTING OF STRUCTURAL STEEL. THE DURATION OF ALL TRAFFIC CONTROL UNDER THE BRIDGE SHALL BE MINIMIZED, PARTICULARLY TEMPORARY LANE CLOSURES. TEMPORARY LANE CLOSURES UNDER THE BRIDGE WILL NOT BE PERMITTED WHEN THE CONTRACTOR IS NOT PERFORMING WORK WHICH REQUIRES THE RESPECTIVE CLOSURE. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS AND SCHEDULES ASSOCIATED WITH INSTALLATION OF PROTECTIVE ENCLOSURES, SUBSTRUCTURE REPAIR WORK AND CLEANING AND PAINTING OF STRUCTURAL STEEL TO THE RESIDENT ENGINEER FOR APPROVAL. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE APPLICABLE STANDARD SHEETS, BUT SHALL BE MODIFIED AS NECESSARY FOR EACH SPECIFIC SITUATION. COSTS SHALL BE INCLUDED UNDER ITEM 641.0, "TRAFFIC CONTROL", EXCEPT THAT FLAGGERS AND/OR UNIFORMED TRAFFIC OFFICERS SHALL BE PAID FOR UNDER ITEMS 630.15 AND 630.10, RESPECTIVELY.

TEMPORARY LANE CLOSURES ON I-89 NORTHBOUND AND SOUTHBOUND UNDER BRIDGE 68 WILL ONLY BE ALLOWED BETWEEN 7:00 PM AND 6:00 AM, REQUIRING NIGHTTIME CONSTRUCTION. ON BOTH I-89 NORTHBOUND AND I-89 SOUTHBOUND TWO LANES OF TRAFFIC SHALL BE OPEN AT ALL TIMES WHEN LANE CLOSURES ARE IN PLACE. ONE LANE SHALL BE FOR THROUGH TRAFFIC AND THE OTHER SHALL BE FOR MERGING TRAFFIC ENTERING AND EXITING THE RAMP. THE CONTRACTOR SHALL PROVIDE UNIFORMED TRAFFIC OFFICERS AT ALL TIMES DURING NIGHTTIME CONSTRUCTION WHEN I-89 LANE AND RAMP CLOSURES ARE IN PLACE.
14. IN ORDER TO PERFORM THE WORK NECESSARY FOR MEDIAN RECONSTRUCTION OFF THE BRIDGE, IT IS ANTICIPATED THE CONTRACTOR MUST WORK DURING NIGHT HOURS, (7 PM TO 6 AM). DURING NIGHT HOURS ONLY, THE CONTRACTOR MAY LIMIT THE EAST AND WESTBOUND TRAFFIC TO ONE LANE IN EACH DIRECTION. TWO LANES IN EACH DIRECTION MUST BE RESTORED BY 6 AM EACH DAY.
15. NIGHTTIME CONSTRUCTION WHICH IS REQUIRED IN THESE PLANS HAS BEEN COORDINATED WITH AND PRE-APPROVED BY THE CITY OF SOUTH BURLINGTON. HOWEVER, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMIT(S) FOR THE PRE-APPROVED NIGHTTIME CONSTRUCTION FROM THE CITY MANAGER PRIOR TO PROCEEDING WITH THE WORK. ANY OTHER NIGHTTIME CONSTRUCTION WHICH THE CONTRACTOR WISHES TO PERFORM AT HIS CONVENIENCE SHALL BE APPROVED BY THE ENGINEER AND SHALL BE PERMITTED BY THE CITY OF SOUTH BURLINGTON. COMPRESSORS, GENERATORS, AND HYDRO-DEMOLITION ENGINES AND PUMPS SHALL BE OPERATED WITHIN SOUND INSULATED TRAILERS OR BUILDINGS DURING ALL NIGHTTIME CONSTRUCTION. IN ADDITION, CONSTRUCTION LIGHTING SHALL BE INSTALLED IN SUCH A MANNER AS TO MINIMIZE THE IMPACT ON ADJACENT RESIDENCES AND BUSINESSES. COSTS FOR OBTAINING PERMITS AND PERFORMING NIGHTTIME CONSTRUCTION MEASURES SHALL BE SUBSIDIARY TO ITEM 635.10, "MOBILIZATION". NO NIGHT TIME WORK THAT INVOLVES CLOSURE OF A RAMP SHALL BE DONE ON A FRIDAY OR A SATURDAY NIGHT.
16. THE RESIDENT ENGINEER AND THE CONTRACTOR SHALL HOLD A MEETING IN SOUTH BURLINGTON WITH LOCAL EMERGENCY SERVICES PERSONNEL TO COORDINATE EMERGENCY PROCEDURES THROUGH THIS PROJECT. THE CONTRACTOR SHALL BE PREPARED AND SHALL DO HIS UTMOST TO PERMIT EMERGENCY VEHICLES TO PROCEED THROUGH THE CONSTRUCTION ZONE WITHOUT HINDRANCE. COSTS TO BE INCLUDED UNDER ITEM 641.0, "TRAFFIC CONTROL".
17. "STANDARD" SIGN DIMENSIONS ARE TO BE USED ON SECONDARY ROADWAYS. "SPECIAL" SIGN DIMENSIONS ARE TO BE USED ON FREEWAY SECTIONS. THE LAYOUTS OF NON-STANDARD SIGNS TO BE USED ARE SHOWN ON SHEET 42.
18. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE PAID UNDER ITEM 646.82, "REMOVAL OF EXISTING PAVEMENT MARKINGS". THIS ITEM SHOULD NOT BE USED ON NEW PAVEMENT. ALL TEMPORARY PAVEMENT MARKINGS PLACED ON TOP LIFTS OF NEW PAVEMENT OR ON EXISTING PAVEMENT THAT WILL NOT BE REMOVED SHALL BE TAPE TYPE II, SO THAT THE TEMPORARY MARKINGS MAY BE REMOVED WITHOUT SCARRING THE PAVEMENT. IF APPROVED BY THE ENGINEER, PAINT MAY BE USED FOR TEMPORARY PAVEMENT MARKINGS ON PAVEMENT THAT WILL BE SUBSEQUENTLY REMOVED.
19. EXISTING BRIDGE MOUNTED SIGNS OVER I-89 SHALL BE REMOVED TO ACCOMMODATE STEEL PAINTING AND ENCLOSURE OPERATIONS. CONTRACTOR SHALL PROVIDE TEMPORARY MESSAGE BOARD SIGNS TO BE USED DURING THE PERIOD THAT THE EXISTING BRIDGE MOUNTED SIGNS OVER I-89 ARE NOT IN PLACE. COSTS FOR TEMPORARY MESSAGE BOARDS SHALL BE INCLUDED IN ITEM 641.15 "PORTABLE CHANGEABLE MESSAGE SIGN". COST FOR SIGN AND SUPPORT REMOVAL SHALL BE INCLUDED IN ITEM 615.50, "REMOVING SIGNS (BRIDGE MOUNTED SIGNS)". NO SIGNS SHALL BE REMOVED UNTIL PORTABLE CHANGEABLE MESSAGE SIGNS ARE IN PLACE ALONG I-89 AS DIRECTED BY THE ENGINEER. ONCE BRIDGE REHABILITATION OPERATIONS PERMIT, SALVAGED SIGNS SHALL BE REINSTALLED ON THE BRIDGE AT THEIR ORIGINAL LOCATIONS AND SHALL BE PAID AS ITEM 615.60, "ERECTING SALVAGED SIGNS (BRIDGE MOUNTED SIGNS)". PORTABLE CHANGEABLE MESSAGE SIGNS SHALL NOT BE REMOVED UNTIL SALVAGED SIGNS ARE ERECTED AND APPROVED BY THE ENGINEER.
20. FOUR (4) PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED ON THE PROJECT FOR THE DURATION OF CONSTRUCTION. TWO (2) SHALL BE PLACED ON U.S. ROUTE 2, ONE IN EACH DIRECTION, AND TWO (2) SHALL BE PLACED ON I-89, ONE IN EACH DIRECTION. SIGNS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
21. WHEN A RAMP NEEDS TO BE CLOSED FOR PART OF AN EVENING DURING PAVEMENT OPERATIONS, A TOTAL OF TWO (2) TO FOUR (4) ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PLACED. THE ADDITIONAL SIGNS SHALL BE PLACED NEAR THIS PROJECT AND/OR BEFORE OTHER I-89 EXITS SUCH AS EXITS 13, 15, AND 16 AS DIRECTED BY THE ENGINEER. THE COST FOR THESE ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE SUBSIDIARY TO ITEMS 210.10 AND 406.25. THE ACTUAL NUMBER OF THESE SHORT TERM PORTABLE CHANGEABLE MESSAGE SIGNS REQUIRED SHALL BE DETERMINED BY THE ENGINEER BASED ON THE CONTRACTOR'S PROPOSED PAVEMENT OPERATIONS.

STATE OF VERMONT AGENCY OF TRANSPORTATION	
Town Of SOUTH BURLINGTON	Bridge No. 68
Highway No. U.S. 2	Log Sta. Surv. Sta.
U.S. 2 OVER I-89	
TRAFFIC CONTROL PLAN NOTES	
Designed By T.S. BRYANT	Drawn By E.J. MASSE
Checked By A. SETAS Date 2/00	Bridge Design Supervisor C.D. BAKER Date 2/00
PROJECT SOUTH BURLINGTON	PROJECT NO. IM DECK (36)
VHB Cad Drawing No. 50329TCP	Date 2/00
Bridge Sheet No.	Sheet 37 of 75