

EPSC PLAN NARRATIVE CONT.

1.4.7 CONSTRUCT PERMANENT CONTROLS

PERMANENT STORMWATER TREATMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH PERMIT CONDITIONS.

1.4.8 STABILIZE EXPOSED SOILS DURING CONSTRUCTION

ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY STABILIZATION IN PLACE WITHIN 48 HOURS OF DISTURBANCE OR IN ACCORDANCE WITH THE CONSTRUCTION GENERAL PERMIT 3-9020 AUTHORIZATION.

SURFACE ROUGHENING OF ALL EXPOSED SLOPES, COMBINED WITH TEMPORARY MULCHING, SHALL BE UTILIZED ON A REGULAR BASIS. BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3.

THE FORECAST OF RAINFALL EVENTS SHALL TRIGGER IMMEDIATE PROTECTION OF EXPOSED SOILS.

1.4.9 WINTER STABILIZATION

AN EARLY SPRING STARTUP IS ANTICIPATED FOR 2011. THE FOLLOWING GUIDELINES SHALL BE USED:

ALL SNOW STOCKPILE AREAS WILL BE LOCATED DOWN GRADIENT FROM CONSTRUCTION ACTIVITIES AS SHOWN ON THE EPSC PLANS OR AS DIRECTED BY THE ON-SITE COORDINATOR.

THE DRAINAGE STRUCTURES AND PIPES SHALL BE KEPT OPEN AND FREE OF SNOW AND ICE DAMS.

WHERE MULCH IS SELECTED AS THE STABILIZATION MEASURE, USE DOUBLE THE STANDARD RATE OF MULCH APPLICATION DURING WINTER CONSTRUCTION.

A MINIMUM 25 FOOT BUFFER SHOULD BE MAINTAINED FROM PERIMETER CONTROLS SUCH AS SILT FENCE TO ALLOW FOR SNOW CLEARING AND MAINTENANCE. WHERE A 25 FOOT BUFFER CAN NOT BE MAINTAINED, AN ALTERNATIVE METHOD (E.G. STONE CONTAINMENT BERM OR SWALE NEAR THE RIVER'S EDGE TO RETAIN OR FILTER STORMWATER) SHALL BE USED AS DIRECTED BY THE ON-SITE COORDINATOR AND WILL BE INSPECTED REGULARLY BY THE ON-SITE PLAN COORDINATOR.

NETTING OR OTHER METHODS MAY BE UTILIZED TO ANCHOR MULCH TO PREVENT REMOVAL BY THE WIND AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

TO ENSURE COVER OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL MUST BE STABILIZED AT THE END OF EACH WORK DAY WITH THE FOLLOWING EXCEPTIONS:

1. IF NO PRECIPITATION WITHIN 24 HOURS IS FORECAST AND WORK WILL RESUME IN THE SAME DISTURBED AREA WITHIN 24 HOURS, DAILY STABILIZATION IS NOT NECESSARY.
2. DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS HOUSE FOUNDATIONS OR OPEN UTILITY TRENCHES.

REMOVE SNOW OR ICT TO LESS THAN 1" IN THICKNESS PRIOR TO STABILIZING DISTURBED SOILS.

OTHER MEASURES SPECIFIC TO WINTER MAY BE NECESSARY IF THE PROPOSED CONSTRUCTION ACTIVITIES EXTEND INTO WINTER (OCTOBER 15 THROUGH APRIL 15). THE CONTRACTOR WILL CONTACT THE ON-SITE PLAN COORDINATOR PRIOR TO PERFORMING WORK TO ENSURE COMPLIANCE WITH THE RESPECTIVE EROSION PREVENTION AND SEDIMENT CONTROL GUIDELINES.

1.4.10 STABILIZE SOIL AT FINAL GRADE

EXPOSED SOIL MUST BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

SEED, MULCH, FERTILIZER AND LIME SHALL BE USED TO ESTABLISH PERMANENT VEGETATION. FOR SLOPES STEEPER THAN 1:3, BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED INSTEAD OF MULCH.

1.4.11 DE-WATERING ACTIVITIES

NO DE-WATERING ACTIVITIES ARE ANTICIPATED ON THIS PROJECT.

1.4.12 INSPECT YOUR SITE

INSPECT THE PROJECT SITE BASED ON SPECIAL PROVISION REQUIREMENTS OR CONSTRUCTION GENERAL PERMIT AUTHORIZATION STIPULATIONS.

1.5 SEQUENCE AND STAGING

1.5.1 CONSTRUCTION SEQUENCE

PHASE 1

TASK 1 (3/2011 - 6/2011) THE CONTRACTOR SHALL INSTALL THE NECESSARY EPSC ITEMS TO MAINTAIN WATER QUALITY DURING THE CONSTRUCTION OF THE TEMPORARY DETOUR BRIDGE ABUTMENTS, TEMPORARY DETOUR ALIGNMENT, AND THE NECESSARY ROCK EXCAVATION. IN ADDITION, BOUNDARY CONTROLS WILL BE ESTABLISHED DURING THIS TASK. EARTH DISTURBANCES SHALL BE LIMITED TO WHAT IS NECESSARY TO INSTALL THE EPSC ITEMS.

TASK 2 (3/2011 - 6/2011) ROCK EXCAVATION - THIS WILL INCLUDE THE REMOVAL OF THE EXISTING ROCK LEDGE ADJACENT TO JOHNNIE BROOK ROAD TO ACCOMMODATE THE CONSTRUCTION OF THE TEMPORARY DETOUR AND THE RELOCATION OF JOHNNIE BROOK ROAD. THE ANTICIPATED EARTH DISTURBANCE DURING THIS TASK IS APPROXIMATELY 1.7 ACRES.

TASK 3 (3/2011 - 6/2011) TEMPORARY DETOUR CONSTRUCTION - THIS WILL INCLUDE THE CONSTRUCTION OF THE TEMPORARY DETOUR BRIDGE ABUTMENTS, TEMPORARY DETOUR AND INSTALLATION OF THE TEMPORARY DETOUR. THE ANTICIPATED EARTH DISTURBANCE DURING THIS TASK IS APPROXIMATELY 1.3 ACRES.

TASK 4 (6/2011 - 8/2012) WIDEN BRIDGE 24 - THIS WILL INCLUDE THE CONSTRUCTION OF NEW BRIDGE ABUTMENTS TO ACCOMMODATE THE PROPOSED WIDENING OF BRIDGE 24, THE WIDENING OF BRIDGE 24 AND THE PAINTING (BLAST CLEAN, PRIME AND PAINT) OF BRIDGE 24 IN A FULL ENCLOSURE. THE ANTICIPATED EARTH DISTURBANCE DURING THIS TASK WILL INCLUDE MINIMAL HIGHWAY APPROACH WORK AND THE AREAS ADJACENT TO THE BRIDGE ABUTMENTS. THE ANTICIPATED EARTH DISTURBANCE DURING THIS TASK IS APPROXIMATELY 0.25 ACRES. EPSC MEASURES SHALL BE RELOCATED AND MAINTAINED AS NECESSARY TO ACCOMMODATE THE AREA OF PROPOSED WORK.

PHASE 2

TASK 1 (4/2011 - 11/2012) RELOCATION OF JOHNNIE BROOK ROAD - THIS WILL CONSIST OF THE RELOCATION OF JOHNNIE BROOK ROAD, THE RECONSTRUCTION OF KENYON ROAD, AND THE CONSTRUCTION OF ANY ASSOCIATED DRAINAGE AND/OR STORM WATER MANAGEMENT PRACTICES LOCATED WITHIN THIS TASK. THE ANTICIPATED EARTH DISTURBANCE DURING THIS TASK IS APPROXIMATELY 1.9 ACRES. EPSC MEASURES SHALL BE RELOCATED AND MAINTAINED AS NECESSARY TO ACCOMMODATE THE AREA OF PROPOSED WORK.

TASK 2 (6/2012 - 11/2012) RECONSTRUCT U.S. ROUTE 2 - THIS TASK WILL INCLUDE THE RECONSTRUCTION OF U.S. ROUTE 2 AND THE ASSOCIATED CULVERT REPLACEMENT, STORMWATER MANAGEMENT PRACTICES, AND ASSOCIATED SIDE ROADS AND DRIVEWAYS. THE ANTICIPATED EARTH DISTURBANCE DURING THIS TASK IS APPROXIMATELY 4.0 ACRES. EPSC MEASURES SHALL BE RELOCATED AND MAINTAINED AS NECESSARY TO ACCOMMODATE THE AREA OF PROPOSED WORK.

TASK 3 (10/2012 - 11/2012) TEMPORARY DETOUR REMOVAL - THIS TASK WILL INCLUDE THE REMOVAL OF THE TEMPORARY DETOUR STRUCTURE, ASSOCIATED PIERS AND ABUTMENTS, TEMPORARY FILL PLACED WITHIN THE WINDOOSKI RIVER AND THE REMOVAL TEMPORARY DETOUR ALIGNMENT. THE ANTICIPATED EARTH DISTURBANCE DURING THIS TASK IS APPROXIMATELY 0.6 ACRES. EPSC MEASURES SHALL BE RELOCATED AND MAINTAINED AS NECESSARY TO ACCOMMODATE THE AREA OF PROPOSED WORK.

TASK 4 (4/2013 - 7/2013) FINAL SITE STABILIZATION - THIS TASK SHALL INCLUDE THE CONTRACTOR'S REMOVAL OF ALL OF THE CONTRACTOR'S TEMPORARY FACILITIES LOCATED ON-SITE, THE FINAL STABILIZATION OF AREAS OF DISTURBED EARTH AND THE REMOVAL OF ALL PERIMETER CONTROLS AND EPSC ITEMS TO THE SATISFACTION OF THE RESIDENT ENGINEER.

1.5.2 OFF-SITE ACTIVITIES
OFF-SITE ACTIVITIES OUTSIDE THE CONSTRUCTION LIMITS SHALL FOLLOW SPECIFICATION 105.25-105.29 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

1.5.3 UPDATES

1.6 CONTACT INFORMATION

1.6.1 ON-SITE PLAN COORDINATOR

THE ON-SITE PLAN COORDINATOR FOR THIS PROJECT WILL BE MATT MONTGOMERY EIV TECHNICAL SERVICES ENVIRONMENTAL COMPLIANCE OFFICER. HE CAN BE REACHED AT (802) 793-3109. IT ANTICIPATED THAT THE ON-SITE PLAN COORDINATOR WILL BE ONSITE APPROXIMATELY 1 HOUR PER DAY. THE ON-SITE PLAN COORDINATOR WILL HAVE THE AUTHORITY TO HALT CONSTRUCTION AS NECESSARY AND IS CAPABLE OF ENSURING THAT THE PROJECT WILL BE CONSTRUCTED IN ACCORDANCE WITH THE PLAN AND THE TERMS OF THE PROJECT PERMITS.

1.6.2 PLAN PREPARER

THE PROPOSED EPSC PLAN HAS BEEN PREPARED BY DALE GOZALKOWSKI OF CLOUGH HARBOUR AND ASSOCIATES, LLP. HE CAN BE REACHED AT (518) 453-4551. THE PLAN PREPARER IS FAMILIAR WITH THE VERMONT STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL, RELATIVE SECTIONS OF THE VERMONT AGENCY OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR CONSTRUCTION AND CONTRACT SPECIAL PROVISIONS, AND PROJECT SPECIFIC PERMITS.

1.7 SCHEDULE

SEE ATTACHED FOR ANTICIPATED PROJECT SCHEDULE

1.8 INSPECTION FORM

THE ON-SITE PLAN COORDINATOR WILL UTILIZE VTRANS' CGP 3-9020 INSPECTION FORM FOR THE INSPECTION OF ALL EPSC ITEMS THROUGHOUT THE DURATION OF THE CONTRACT.

EROSION CONTROL NOTES	PROJECT NAME: RICHMOND	
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