1.4.5 DIVERT UPLAND RUNOFF

DIVERSIONARY MEASURES SHALL BE USED TO INTERCEPT RUNOFF FROM ABOVE THE CONSTRUCTION AND DIRECT IT AROUND THE DISTURBED AREA SO THAT CLEAN WATER DOES NOT BECOME MUDDIED WHILE TRAVELING OVER EXPOSED SOILS ON THE CONSTRUCTION SITE.

IT IS NOT ANTICIPATED THAT TEMPORARY PROTECTION MEASURES WILL BE REQUIRED TO DIVERT UPLAND RUNOFF. HOWEVER, IF SITE CONDITIONS CHANGE, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY DIVERSION DIKES OR SWALES PER THE LOW RISK SITE HANDBOOK AS DIRECTED BY THE ON -SITE PLAN COORDINATOR.

1.4.6 SLOW DOWN CHANNELIZED RUNOFF

CHECK STRUCTURES SHALL BE UTILIZED TO REDUCE THE VELOCITY AND THE EROSIVE POTENTIAL OF CONCENTRATED FLOW IN CHANNELS.

IT IS NOT ANTICIPATED THAT TEMPORARY PROTECTION MEASURES WILL BE REQUIRED FOR THE PROPOSED DRAINAGE SWALE ON THE WEST SIDE OF OTTER CREEK. HOWEVER, IF SITE CONDITIONS CHANGE, THE CONTRACTOR SHALL INSTALL CHECK DAMS PER THE LOW RISK SITE HANDBOOK AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. REFER TO SUBSECTION 105.29 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

1.4.7 CONSTRUCT PERMANENT CONTROLS

TWO DROP INLETS SHALL BE INSTALLED ON THE WEST APPROACH ALONG THE TH 10 CURB LINE, ONE LOCATED AT THE LOW POINT ALONG THE TH 10 PROFILE, THE OTHER ADJACENT TO THE PROPOSED BRIDGE. STORMWATER SHALL OUTLET ONTO THE STONE FILL AT STA 7+55.8, RT.

ONE DROP INLET SHALL BE INSTALLED ON THE EAST APPROACH ALONG THE TH 10 CURB LINE, AT THE LOW POINT ALONG THE TH 10 PROFILE. STORMWATER SHALL OUTLET ONTO A STONE PAD WITHIN WETLAND A.

A NEW DROP INLET SHALL BE PROVIDED TO REPLACE THE EXISTING DROP INLET AT STA 12+97, RT. THIS DROP INLET SHALL BE CONNECTED TO THE EXISTING OUTLET PIPE AT THE REMOVED DROP INLET, AND OUTLET TO WETLAND A.

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.

TEMPORARY MULCHING SHALL BE UTILIZED ON A REGULAR BASIS ON ALL SLOPES. BIODEGRADABLE EROSION CONTROL MATTING, OR AN EQUIVALENT, AND SURFACE ROUGHENING 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

NO CONSTRUCTION ACTIVITIES INVOLVING EARTH DISTURBANCE SHALL OCCUR BETWEEN OCTOBER 15 AND APRIL 15. IF THE CONTRACTOR DETERMINES THEY ARE INTERESTED IN WORKING DURING THIS PERIOD, THEY MUST REQUEST AND OBTAIN PERMISSION FROM THE APPROPRIATE ENVIRONMENTAL PERMITTING AGENCY.

1.4.10 STABILIZE SOIL AT FINAL GRADE

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

SEED, MULCH, FERTILIZER, LIME, AND TOPSOIL SHALL BE USED TO ESTABLISH PERMANENT VEGETATION. FOR SLOPES STEEPER THAN 1-3, BIODEGRADABLE EROSION CONTROL MATTING, OR AN EQUIVALENT, AND SURFACE ROUGHENING SHALL BE USED INSTEAD OF MULCH. FOR SLOPES STEEPER THAN 1-2, STONE FILL TYPE II OR III SHALL BE USED INSTEAD OF MULCH.

1.4.11 DE-WATERING ACTIVITIES

DISCHARGE FROM DE-WATERING ACTIVITIES THAT FLOWS OFF OF THE CONSTRUCTION SITE MUST NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF THE VERMONT WATER QUALITY STANDARDS.

TREATMENT OF DE-WATERING FROM COFFERDAM IS ANTICIPATED. A LOCATION FOR TREATMENT HAS BEEN PROPOSED AND IS SHOWN ON THE TEMPORARY CONSTRUCTION SITE PLAN. FILTER BAG SHALL BE USED ON THE WESTERN BANK OF OTTER CREEK TO FOR WATER TREATMENT PRIOR TO DISCHARGE INTO OTTER CREEK. WATER MUST RUN CLEAR PRIOR TO BEING DISCHARGED INTO OTTER CREEK.

1.4.12 INSPECT YOUR SITE

EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BASED ON PERMIT AUTHORIZATION OR SPECIAL PROVISION REQUIREMENTS. INSPECTION OF EROSION PREVENTION AND SEDIMENT CONTROL MEASURES USED WITHIN THE PROJECT SITE SHALL BE INSPECTED ON A DAILY BASIS AND AFTER EVERY STORM GREAT ENOUGH TO CAUSE WATER TO LEAVE THE CONSTRUCTION SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. REPAIRS SHALL BE MADE AS NEEDED WHEN DAMAGE TO MEASURES ARE DISCOVERED AND SEDIMENT SHALL BE REMOVED WHEN THE STORAGE CAPACITY OF A SEDIMENT CONTROL MEASURE APPROACHES ONE HALF OF ITS INTENDED CAPACITY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. THIS PROJECT WILL REQUIRE THAT GENERAL PERMIT 3-9020 FOR STORMWATER RUNOFF FROM CONSTRUCTION, AS AMENDED FEBRUARY 2008, BE MAINTAINED.

1.5 SEQUENCE AND STAGING

THIS SECTION WILL BE DEVELOPED BY THE CONTRACTOR USING THE GUIDANCE OUTLINED IN THE VTRANS EPSC PLAN CONTRACTOR CHECKLIST.

1.5.1 OFF-SITE ACTIVITIES

IN ADDITION TO THE CONTRACTOR CHECKLIST, ANY ACTIVITIES OUTSIDE THE CONSTRUCTION LIMITS SHALL FOLLOW SUBSECTIONS 105.25-105.29 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

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EROSION PREVENTION AND SEDIMENT CONTROL NOTES #2

PROJECT NAME: RUTLAND CITY
PROJECT NUMBER: BRF 3000 (19)

PROJECT LEADER: M.D.S.
DESIGNED BY: C.R.H.
DWG. NO.: EPSCNOTES-2

PLOT DATE: 6/30/2014
DRAWN BY: C.R.H.
CHECKED BY: D.E.G.
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