

I.4.6 SLOW DOWN CHANNELIZED RUNOFF

THE CONTRACTOR SHALL INSTALL CHECK DAMS AS SHOWN ON THE PLANS OR AS NECESSARY AS DIRECTED BY THE ON-SITE PLAN COORDINATOR TO SLOW DOWN CHANNELIZED RUNOFF.

I.4.7 CONSTRUCT PERMANENT CONTROLS

ALL CULVERT END SECTIONS SHALL HAVE STONE PADS CONSTRUCTED AS SHOWN IN THE PLANS TO PREVENT EROSION FROM STARTING UPON COMPLETION OF THE PROJECT AREA.

I.4.8 STABILIZE EXPOSED SOILS

THE CONTRACTOR SHALL GRADE AND TRIM ALL SLOPES AS THE EXCAVATION PROGRESSES AND STABILIZE ALL SLOPES AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. TRACKING OF ALL EXPOSED SLOPES, COMBINED WITH TEMPORARY MULCHING, WILL BE UTILIZED ON A REGULAR BASIS. SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF FORECASTED RAIN. SEEDING, MULCHING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3. THESE SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF REACHING INTERMITTENT PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL HAVE A HYDRO SEEDER AND/OR MULCHING MACHINE AVAILABLE ON THE PROJECT SITE OR AVAILABLE AT ONE WEEK'S NOTICE(MAXIMUM) UNTIL PERMANENT SEEDING IS COMPLETED.

I.4.9 WINTER STABILIZATION

THE PROJECT IS ANTICIPATED TO BE COMPLETED PRIOR TO THE WINTER CONSTRUCTION SEASON. IF THE PROJECT CANNOT BE SUBSTANTIALLY COMPLETED PRIOR TO THE WINTER CONSTRUCTION SEASON, VARIOUS MEASURES SPECIFIC TO WINTER SHALL BE EMPLOYED AS NECESSARY OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR (SEE THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATIONS LOW RISK SITE HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL).

I.4.10 STABILIZE SOIL AT FINAL GRADE

SEEDING, MULCHING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3 AS SHOWN IN THE PLANS. THESE SLOPES SHALL BE STABILIZED WITHIN 48 HOURS OF REACHING FINAL GRADE.

I.4.11 DE-WATERING ACTIVITIES

NO DE-WATERING ACTIVITIES WILL BE REQUIRED AS PART OF THIS PROJECT.

I.4.12 INSPECT YOUR SITE

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.

CONSTRUCTION SEQUENCING NOTES

PHASE 1- ESTABLISHING PERIMETER CONTROLS

1. PROJECT DEMARCATION FENCE SHALL BE ERECTED ALONG BOTH SIDES OF THE ENTIRE PROJECT AREA AS SHOWN IN THE PLANS PRIOR TO ANY ACTIVITY THAT WILL ALTER THE SITE OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. ~~SEE SHEET 2006 FOR MORE INFORMATION AND DETAILS. THE COST OF INSTALLING THE PERIMETER DEMARCATION FENCE SHALL BE PAID FOR UNDER ITEM 653.55 PROJECT DEMARCATION FENCE.~~
2. INSTALL ALL NECESSARY EROSION PREVENTION & SEDIMENT CONTROL ITEMS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. SILT FENCE SHALL BE INSTALLED PER SECTION 649 OF THE VAOT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006. THE COST OF INSTALLING SILT FENCE SHALL BE PAID FOR UNDER ITEM 649.51 GEOTEXTILE FOR SILT FENCE.

PHASE 2 - INSTALL PROPOSED DRAINAGE/REMOVAL OF EXISTING DRAINAGE FACILITIES

1. THE CONTRACTOR SHALL MINIMIZE THE EXPOSURE OF UNSTABILIZED SURFACES BY REMOVING ALL EXISTING DRAINAGE STRUCTURES AND PIPES AND INSTALLING ALL PROPOSED DRAINAGE STRUCTURES AND PIPES AS SHOWN ON THE PLANS. ALL EXPOSED GROUND SURFACES LOCATED WITHIN THE EXISTING ROADWAY SHALL BE STABILIZED WITH BITUMINOUS CONCRETE AT THE END OF EACH WORK DAY AS DIRECTED BY THE ON-SITE PLAN COORDINATOR. THE CONTRACTOR SHALL ALSO INSTALL DELINEATION DEVICES SUCH AS CONES OR DRUMS TO PROTECT TRAFFIC FROM THE PROPOSED DRAINAGE STRUCTURES PER VAOT STANDARDS.
2. ALL PIPE INLETS/OUTLETS AND DRAINAGE STRUCTURE INLET GRATES SHALL BE PROTECTED FROM SILT AND OTHER DEBRIS BY INSTALLING INLET/OUTLET PROTECTION AND CHECK DAMS. THE COST OF INSTALLATION WILL BE PAID FOR UNDER APPROPRIATE ITEM(S) AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

PHASE 3 - CONSTRUCT PROPOSED ROADWAY

1. THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED ROADWAY BY UTILIZING TEMPORARY LANE CLOSURES AND MAINTAINING ONE-WAY TRAFFIC ON ONE UNOBSTRUCTED 12 FT LANE AT ALL TIMES THROUGH THE PROJECT SITE DURING WORKING HOURS. TRAFFIC SHALL BE RESTORED TO NORMAL OPERATIONS DURING NON-WORKING HOURS, WEEKENDS AND ALL HOLIDAYS PER SECTION 100 OF VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006 AND ANY ADDITIONAL DAYS STATED IN THE SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL CONSTRUCT THE PROPOSED ROADWAY IN SUCH A MANNER THAT MINIMIZES THE DURATION OF EXPOSED GROUND BY STAGING CONSTRUCTION ACTIVITIES SO THAT ALL DISTURBED ROADBED AREAS WILL BE STABILIZED AT THE END OF EACH WORK DAY SUCH THAT NO LONGITUDINAL DROP OFFS EXIST WITHIN THE PROJECT AREA.

PHASE 4 - REMOVE ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROLS

1. THE CONTRACTOR SHALL ONLY REMOVE ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROLS AND THE PROJECT DEMARCATION FENCE ONCE ALL WORK HAS BEEN COMPLETED AND THE SLOPES HAVE BEEN STABILIZED AS DIRECTED BY THE ON-SITE PLAN COORDINATOR.

<b>EROSION CONTROL NARRATIVE SHEET 2</b>	PROJECT NAME: <u>WILMINGTON</u>	
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