



**CONSTRUCTION SEQUENCING**

**GENERAL NOTES**

1. THE CONTRACTOR SHALL CONSTRUCT ALL STAGE ONE SITES EMBANKMENTS IN ACCORDANCE WITH SECTION 203 EXCAVATION AND EMBANKMENTS OF THE AGENCY'S STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006. ALL STAGE ONE SITES SHALL BE CONSTRUCTED IN LAYERS TO HELP MINIMIZE THE AMOUNT OF EXPOSED SOILS AND REDUCE THE LENGTH OF STEEP SLOPES. SILT FENCE WILL BE INSTALLED IN ACCORDANCE WITH THE MAXIMUM SLOPE LENGTH TABLES AND DETAILS ILLUSTRATED ON THE EROSION CONTROL DETAILS DRAWING ECD-3.
2. ALL MATERIALS DEEMED UNSUITABLE SUCH AS STUMPS SHALL BE DISPOSED OF WITHIN THE DESIGNATED STUMP DISPOSAL AREAS AS SHOWN IN THE EP&SCP OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
3. ALL SUITABLE TOPSOIL WILL BE TRANSPORTED TO THE DESIGNATED TOPSOIL STOCKPILE AREA AND STORED UNTIL IT IS NEEDED TO COVER THE HAUL ROAD AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
4. HAUL ROAD SIDE SLOPES AND ACCESS ROADS SHALL BE STABILIZED PRIOR TO CONSTRUCTING THE WASTE AREAS.
5. ALL WASTE AREA SIDE SLOPES SHALL BE STABILIZED AS SOON AS PRACTICAL AS DEPICTED IN THE PLANS OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.

**PHASE I**

1. THE CONTRACTOR SHALL INSTALL ALL NECESSARY PERIMETER CONTROLS AS SHOWN ON THE EP&SCP PRIOR TO BEGINNING ANY WORK INCLUDING TREE CLEARING AND GRUBBING.
2. THE CONTRACTOR SHALL CLEAR TREES FROM WITHIN THE WORK LIMITS OF THE HAUL ROAD AND THE STAGE ONE SITES LOCATED BETWEEN FULLER ROAD AND MIDDLE POWNAL ROAD AND THE ACCESS ROAD AND BOTH STAGE ONE SITES WITH THEIR ACCESS ROADS LOCATED NORTH OF MIDDLE POWNAL ROAD.
3. THE CONTRACTOR SHALL CLEAR AND GRUB STUMPS AND GROUND VEGETATION WITHIN THE HAUL ROAD AND ACCESS ROAD, CONSTRUCT THE HAUL ROAD INCORPORATING A STABILIZED STONE FILL/SUBBASE DRIVING SURFACE INCLUDING ALL VEHICLE TRACKING PADS AS SHOWN IN THE EP&SCP. THE CONTRACTOR SHALL ALSO CONSTRUCT THE ACCESS ROAD AS SHOWN IN THE CONTRACT PLANS. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY SEDIMENT CONTROL MEASURES AS REQUIRED AND SHOWN IN THE EP&SCP TO PROTECT THE AREAS WITHIN THE PHASE I CONSTRUCTION LIMITS AS WORK PROGRESS WITHIN THE PROJECT AREA.
4. THE CONTRACTOR SHALL CLEAR AND GRUB STUMPS AND GROUND VEGETATION WITHIN THE ACCESS ROAD AND STAGE ONE SITE LOCATED NORTH OF MIDDLE POWNAL ROAD ALONG THE PROPOSED MIDDLE POWNAL ROAD RELOCATION. THE CONTRACTOR SHALL CONSTRUCT THE ACCESS ROAD AND THE EMBANKMENT FOR THE STAGE ONE SITES LOCATED NORTH OF MIDDLE POWNAL ROAD ALONG THE PROPOSED MIDDLE POWNAL ROAD RELOCATION AS SHOWN IN THE EP&SCP. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY SEDIMENT CONTROL MEASURES AS REQUIRED AND SHOWN IN THE EP&SCP TO PROTECT THE AREAS WITHIN THE PHASE I CONSTRUCTION LIMITS AS WORK PROGRESS WITHIN THE PROJECT AREA OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
5. THE CONTRACTOR SHALL CLEAR AND GRUB STUMPS AND GROUND VEGETATION WITHIN THE ACCESS ROAD AND STAGE ONE SITE LOCATED NORTH OF MIDDLE POWNAL ROAD BETWEEN APPROXIMATE STA. 3+100 AND 3+300 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT. THE CONTRACTOR SHALL CONSTRUCT THE ACCESS ROAD AND THE EMBANKMENT FOR THE STAGE ONE SITE LOCATED BETWEEN APPROXIMATE STA. 3+100 AND 3+300 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT AS SHOWN IN THE EP&SCP. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY SEDIMENT CONTROL MEASURES AS REQUIRED AND SHOWN IN THE EP&SCP TO PROTECT THE AREAS WITHIN THE PHASE I CONSTRUCTION LIMITS AS WORK PROGRESS WITHIN THE PROJECT AREA OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
6. THE CONTRACTOR SHALL REMOVE ALL VEHICLE TRACKING PADS NORTH OF MIDDLE POWNAL ROAD. ALL EXPOSED SURFACES SHALL BE STABILIZED WITH A VEGETATIVE COVER AS SHOWN IN THE CONTRACT PLANS OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
7. THE CONTRACTOR SHALL REMOVE ALL UNNECESSARY TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS UPON THE COMPLETION AND STABILIZATION OF THESE STAGE ONE SITES AND CONSTRUCTION ENTRANCES AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
8. THE CONTRACTOR SHALL TEMPORARILY STABILIZE ANY EXPOSED SIDE SLOPES THAT HAVE NOT BEEN PERMANENTLY STABILIZED PRIOR TO SHUTTING DOWN FOR WINTER AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR. THE CONTRACTOR SHALL OBTAIN A WINTER CONSTRUCTION PERMIT FROM THE VERMONT AGENCY OF NATURAL RESOURCES IF THEY WISH TO WORK BETWEEN OCTOBER 15 AND MAY 1 OF ANY GIVEN YEAR.

**PHASE II**

1. THE CONTRACTOR SHALL CLEAR AND GRUB STUMPS AND GROUND VEGETATION WITHIN THE ACCESS ROAD AND STAGE ONE SITE LOCATED NORTH OF MIDDLE POWNAL ROAD BETWEEN APPROXIMATE STA. 2+600 AND 2+800 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT. THE CONTRACTOR SHALL CONSTRUCT THE ACCESS ROAD AND THE EMBANKMENT FOR THE STAGE ONE SITE LOCATED BETWEEN APPROXIMATE STA. 2+600 AND 2+800 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT AS SHOWN IN THE EP&SCP. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY SEDIMENT CONTROL MEASURES AS REQUIRED AND SHOWN IN THE EP&SCP TO PROTECT THE AREAS WITHIN THE PHASE II CONSTRUCTION LIMITS AS WORK PROGRESS WITHIN THE PROJECT AREA OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
2. THE CONTRACTOR SHALL CLEAR AND GRUB STUMPS AND GROUND VEGETATION WITHIN THE ACCESS ROAD AND STAGE ONE SITE LOCATED NORTH OF MIDDLE POWNAL ROAD BETWEEN APPROXIMATE STA. 2+420 AND 2+520 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT. THE CONTRACTOR SHALL CONSTRUCT THE ACCESS ROAD AND THE EMBANKMENT FOR THE STAGE ONE SITE LOCATED BETWEEN APPROXIMATE STA. 2+420 AND 2+520 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT AS SHOWN IN THE EP&SCP. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY SEDIMENT CONTROL MEASURES AS REQUIRED AND SHOWN IN THE EP&SCP TO PROTECT THE AREAS WITHIN THE PHASE II CONSTRUCTION LIMITS AS WORK PROGRESS WITHIN THE PROJECT AREA OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
3. THE CONTRACTOR SHALL STABILIZE THE HAUL ROAD LOCATED BETWEEN THE PHASE II STAGE ONE SITES WITH A VEGETATIVE COVER AS SHOWN IN THE CONTRACT PLANS OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.

**PHASE II CONTINUED**

4. THE CONTRACTOR SHALL REMOVE ALL UNNECESSARY TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS UPON THE COMPLETION AND STABILIZATION OF THE STAGE ONE SITES AND HAUL ROAD AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
5. THE CONTRACTOR SHALL TEMPORARILY STABILIZE ANY EXPOSED SIDE SLOPES THAT HAVE NOT BEEN PERMANENTLY STABILIZED PRIOR TO SHUTTING DOWN FOR WINTER AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR. THE CONTRACTOR SHALL OBTAIN A WINTER CONSTRUCTION PERMIT FROM THE VERMONT AGENCY OF NATURAL RESOURCES IF THEY WISH TO PERFORM EARTHWORK BETWEEN OCTOBER 15 AND MAY 1 OF ANY GIVEN YEAR.

**PHASE III**

1. THE CONTRACTOR SHALL REMOVE AND REGRADE THE HAUL ROAD BACK TO EXISTING CONDITIONS OR BETTER FROM ITS BEGIN POINT AT FULLER ROAD TO STA. HRI+520.0 AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR. ANY EXCESS MATERIAL SHALL BE DISPOSED OF OFF SITE IN AN APPROVED AREA AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
2. THE CONTRACTOR SHALL REMOVE ALL REMAINING TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL DEVICES INCLUDING PERIMETER CONTROLS ONCE ALL AREAS HAVE BEEN PERMANENTLY STABILIZED AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.
3. THE CONTRACTOR SHALL REMOVE ALL REMAINING VEHICLE TRACKING PADS AND STABILIZE ALL REMAINING AREAS INCLUDING THE HAUL ROAD WITH A VEGETATIVE COVER AS SHOWN IN THE CONTRACT PLANS AS SOON AS ALL STAGE ONE SITES HAVE BEEN STABILIZED AND CONSTRUCTION HAS CEASED. ALL ACCESS POINTS SHALL BE LANDSCAPED PER THE CONTRACT PLANS OR AS DIRECTED BY THE CONTRACTOR'S ON-SITE PLAN COORDINATOR.

**HAUL ROAD AND STAGE ONE SITE CONSTRUCTION ACTIVITY SUMMARY**

THE FOLLOWING IS A DETAILED BREAKDOWN OF THE MAJOR CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE NORTHERN SEGMENT STAGE ONE SITES LOCATED SOUTH OF VT. ROUTE 9. A DESCRIPTION OF EACH GENERAL ACTIVITY IS PROVIDED ALONG WITH THE APPROXIMATE AREA AND DURATION ASSOCIATED WITH EACH ACTIVITY. THE APPROXIMATE DURATIONS ARE BASED ON AN AVERAGE DAILY PRODUCTION RATE OF APPROXIMATELY 900 m<sup>3</sup>. IT IS ASSUMED THAT EACH ACTIVITY WILL BE COMPLETED PRIOR TO BEGINNING EACH SUBSEQUENT ACTIVITY IN AN EFFORT TO MINIMIZE THE AREA OF DISTURBED EARTH AT ANY ONE TIME.

CONSTRUCTION SEASON 1 ACTIVITY	APPROXIMATE AREA (ha)	APPROXIMATE DURATION
CLEAR TREES FROM WITHIN WORK LIMITS IN THE FOLLOWING LOCATIONS: HAUL ROAD AND STAGE ONE SITES LOCATED BETWEEN FULLER ROAD AND MIDDLE POWNAL ROAD; ACCESS ROADS AND STAGE ONE SITES LOCATED NORTH OF MIDDLE POWNAL ROAD; AND THE ACCESS ROAD LOCATED SOUTH OF MIDDLE POWNAL ROAD.	5.4	3 WKS
CLEAR AND GRUB TREE STUMPS AND GROUND VEGETATION WITHIN HAUL ROAD WORK LIMITS AND ACCESS ROAD. CONSTRUCT HAUL ROAD WITH STABILIZED STONE FILL/SUBBASE DRIVING SURFACE AND VEHICLE TRACKING PADS. CONSTRUCT ACCESS ROAD PER THE CONTRACT PLANS. STABILIZE ALL SIDE SLOPES.	3.2	1.5 MOS
CLEAR AND GRUB TREE STUMPS AND GROUND VEGETATION WITHIN WORK LIMITS OF ACCESS ROAD AND STAGE ONE SITE LOCATED NORTH OF MIDDLE POWNAL ROAD ON THE PROPOSED MIDDLE POWNAL ROAD RELOCATION. CONSTRUCT EMBANKMENT STABILIZE STAGE ONE SITE SIDE SLOPES.	0.5	2 MOS
CLEAR AND GRUB TREE STUMPS AND GROUND VEGETATION WITHIN WORK LIMITS OF ACCESS ROAD AND STAGE ONE SITE LOCATED NORTH OF MIDDLE POWNAL ROAD BETWEEN APPROXIMATE STA. 3+100 AND 3+300 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT. CONSTRUCT STAGE ONE SITE EMBANKMENT. STABILIZE STAGE ONE SITE SIDE SLOPES (USE NON-VEGETATIVE MEASURES FOR SLOPES COMPLETED AFTER SEPTEMBER 15). STABILIZE EXPOSED SURFACES WITH A VEGETATIVE COVER.	0.5	2.5 MOS
<b>CONSTRUCTION SEASON 2 ACTIVITY</b>		
CLEAR AND GRUB TREE STUMPS AND GROUND VEGETATION WITHIN WORK LIMITS OF STAGE ONE SITE LOCATED SOUTH OF MIDDLE POWNAL ROAD BETWEEN APPROXIMATE STA. 2+600 AND 2+800 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT. CONSTRUCT STAGE ONE SITE EMBANKMENT. STABILIZE SIDE SLOPES (USE NON-VEGETATIVE MEASURES FOR SLOPES COMPLETED AFTER SEPTEMBER 15)	0.9	6 MOS
<b>CONSTRUCTION SEASON 3 ACTIVITY</b>		
CLEAR AND GRUB TREE STUMPS AND GROUND VEGETATION WITHIN WORK LIMITS OF STAGE ONE SITE LOCATED SOUTH OF MIDDLE POWNAL ROAD BETWEEN APPROXIMATE STA. 2+420 AND 2+520 ON THE PROPOSED VT. ROUTE 279 ALIGNMENT. CONSTRUCT STAGE ONE SITE EMBANKMENT. STABILIZE SIDE SLOPES.	0.2	1 MOS
REMOVE ALL REMAINING VEHICLE TRACKING PADS. STABILIZE ALL EXPOSED SLOPES AND ANY REMAINING PORTIONS OF THE HAUL ROAD WITH A VEGETATIVE COVER.	0.04	1 WK

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DATUM	
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HORIZONTAL	NAD 83 (1992)

**VERMONT AGENCY OF TRANSPORTATION**



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<b>CONSTRUCTION SEQUENCING NOTES ECN-3</b>				SHEET	448 OF 577