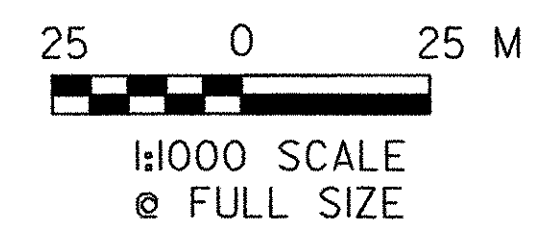


**LEGEND**

- PHASE I CONSTRUCTION
- VEHICLE TRACKING PAD
- SILT FENCE
- ROCK BARRIER INLET PROTECTION
- ROCK BARRIER CULVERT INLET PROTECTION
- SETTling STRUCTURE



**EROSION PREVENTION AND SEDIMENT CONTROL - PHASE I**

1. CONSTRUCT TWO (2) VEHICLE TRACKING PADS AS SHOWN. SEE CONSTRUCTION SITE PLAN FOR DETAILS. SEE DETAIL ON SHEET 110.
2. DELINEATE BOUNDARIES OF EXISTING VEGETATED RIPARIAN BUFFER ZONES AND WETLANDS TO REMAIN UNDISTURBED (FOR THE ENTIRE PROJECT SITE) USING ORANGE SNOW FENCE, AS DIRECTED BY THE ONSITE COORDINATOR, AND AS SHOWN ON THE CONSTRUCTION PLANS AND THE PLANTING PLAN.
3. ESTABLISH AND DELINEATE LOCATIONS OF TOPSOIL STOCKPILES, STAGING AREAS, EQUIPMENT AND MATERIAL STORAGE AREAS, AND REFUELING AND MAINTENANCE AREAS USING ORANGE SNOW FENCE, AS APPROVED BY THE ENGINEER, THE ONSITE COORDINATOR AND THE DISTRICT #6 ACT 250 COMMISSIONER. VEHICLE AND EQUIPMENT STORAGE AREAS OR AREAS ADJACENT TO CONSTRUCTION TRAILER OR OTHER HIGH TRAFFIC AREAS WILL BE COVERED WITH GEOTEXTILE FABRIC AND 300 mm OF GRAVEL. FOLLOWING COMPLETION OF CONSTRUCTION, ALL NON-NATIVE MATERIALS WILL BE REMOVED FROM THE STAGING AREA. ERODIBLE MATERIALS STOCKPILED WITHIN THE MATERIAL STORAGE AREAS WILL BE ISOLATED WITH FILTER FABRIC. SOIL STOCKPILED ON THE SITE WILL BE SEEDING AND MULCHED.
4. CLEAR THE SITE AS REQUIRED FOR THE RIVER RESTORATION PORTION OF THE PROJECT AND PHASE I OF THE BRIDGE REPLACEMENT PORTION OF THE PROJECT. STAGING AREAS SHALL BE CLEARED BUT NOT GRUBBED. TREES AND BRUSH SHALL BE CUT AS CLOSE TO GRADE AS POSSIBLE, BUT NOT STUMPED.

5. COMMENCE RIVER RESTORATION CONSTRUCTION AND COMPLETE RIVER RESTORATION CONSTRUCTION SEQUENCE PHASE I- STEPS 2 THROUGH 6. SEE RIVER RESTORATION CONSTRUCTION SEQUENCE PLAN.
6. INSTALL PHASE I TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES, AS SHOWN, AS REQUIRED, OR AS DIRECTED BY THE ONSITE COORDINATOR, IN THE FOLLOWING ORDER:
  - A. DIVERSION STRUCTURES (DIVERSION DIKS OR CHANNELS).
  - B. FILTER BARRIERS (SILT FENCE OR GEOSYNTHETIC BARRIERS - SEE EROSION CONTROL DETAIL SHEETS FOR CONSTRUCTION NOTES AND DETAILS).
  - C. SETTling STRUCTURES (SINGLE CHAMBER TEMPORARY SEDIMENT TRAPS OR SEDIMENT CONTAINMENT FILTER BAGS - SEE EROSION CONTROL DETAIL SHEETS FOR CONSTRUCTION NOTES AND DETAILS).
7. GRUB THE PHASE I SITE. STUMPS, EXCESS SOILS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF IN A LOCATION APPROVED BY THE ONSITE COORDINATOR, THE AGENCY OF NATURAL RESOURCES, THE VTRANS BIOLOGIST AND THE VTRANS ARCHEOLOGIST.

8. COMMENCE PHASE I CONSTRUCTION OF PROPOSED BRIDGE. SEE BRIDGE REPLACEMENT PLANS.
  - A. AS CONSTRUCTION PROGRESSES IMPLEMENT ADDITIONAL TEMPORARY EROSION CONTROLS AS SHOWN, AS REQUIRED, OR AS DIRECTED BY THE ONSITE COORDINATOR, INCLUDING TEMPORARY BERMS AND FLEXIBLE SLOPE DRAINS, STONE CHECK DAMS, SEEDING AND MULCHING, SEDIMENT SETTling STRUCTURES, ROCK BARRIER INLET PROTECTION AND ROCK BARRIER CULVERT INLET PROTECTION.
  - B. DEWATER AS REQUIRED FOR CONSTRUCTION OF SUBSTRUCTURE. FILTER DISCHARGE USING SETTling STRUCTURES. THE FIRST PUMP DOWN OF THE EXCAVATIONS WILL CONTAIN THE GREATEST VOLUME OF WATER WITH A HIGH SEDIMENT LOAD. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE ADDITIONAL SETTling STRUCTURES OR CONTROL THE RATE OF DRAWDOWN AS DIRECTED BY THE ONSITE COORDINATOR.
  - C. INSPECT AND MAINTAIN EROSION PREVENTION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE SPECIFICATIONS AND SPECIAL PROVISIONS.
  - D. AFTER COMPLETION OF THE SUBSTRUCTURE, REMOVE COLLECTED SEDIMENT FROM SETTling STRUCTURES AND RESTORE THE GROUND TO ORIGINAL SLOPES OR GRADE AS SHOWN ON THE CONSTRUCTION DRAWINGS.
  - E. DISPOSE OF COLLECTED SEDIMENT AND OTHER POLLUTANTS IN A MANNER APPROVED BY THE ONSITE COORDINATOR THAT WILL NOT RESULT IN SEDIMENTS AND POLLUTANTS ENTERING WATERS OF THE STATE.
9. COMPLETE RIVER RESTORATION CONSTRUCTION SEQUENCE PHASE I- STEP 9 AND STEP 10.
10. COMPLETE PHASE I CONSTRUCTION OF THE PROPOSED BRIDGE. SEE BRIDGE REPLACEMENT PLANS.
  - A. PERMANENTLY AND IMMEDIATELY STABILIZE ALL FINISHED GRADES AS EARTHWORK IS COMPLETED INCLUDING CHANNEL LININGS, SEEDING AND MULCHING (PERMANENT TURF ESTABLISHMENT) AND PERMANENT STONE FILL FOR SLOPE STABILIZATION.
  - B. REMOVE TEMPORARY BERMS AND FLEXIBLE SLOPE DRAIN FOLLOWING COMPLETION OF PERMANENT STONE FILL FOR SLOPE STABILIZATION, AS SHOWN.
11. AN ALTERNATE EROSION PREVENTION AND SEDIMENT CONTROL PLAN MAY BE SUBMITTED BY THE CONTRACTOR (PRIOR TO THE START OF CONSTRUCTION) FOR APPROVAL BY THE ENGINEER, THE VTRANS DIRECTOR OF PROGRAM DEVELOPMENT AND THE AGENCY OF NATURAL RESOURCES. IF AN ALTERNATE PLAN IS SUBMITTED, CONSTRUCTION WILL NOT BE ALLOWED UNTIL WRITTEN APPROVAL IS OBTAINED FROM ALL AFOREMENTIONED ENTITIES.
12. FOR ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL NOTES SEE EROSION CONTROL PLAN 4.



PROJECT NAME: TROUT RIVER RESTORATION	
PROJECT NUMBER: BRF-RS 0283 (7)	
FILE NAME: ... \02837ESCL.p1f	PLOT DATE: 08/26/2003
PROJECT LEADER: GAE	DRAWN BY: PZA
DESIGNED BY: SAR	CHECKED BY: WCH
<b>EROSION CONTROL PLAN 1</b>	
SHEET 136 OF 140	

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