

**PROJECT DISCRPTION**

LOCATED ON VT ROUTE 100, BEGINNING IN STOCKBRIDGE AT A POINT 2.577 MILES NORTHERLY OF THE PITTSFIELD STOCKBRIDGE TOWNLINE AND EXTENDING NORTHERLY ALONG VT ROUTE 100 FOR A DISTANCE OF 0.223 MILES TO MILE MARKER 2.780.

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES REPLACEMENT OF BRIDGE #130, ON A NEW ALIGNMENT, WITH ASSOCIATED ROADWAY AND APPROACHES.

THE PROPOSED BRIDGE IS A TWO SPAN BRIDGE WITH A PIER IN THE RIVER. A TEMPORARY CAUSE WAY SHALL BE INSTALLED FOR THE PURPOSE OF CONSTRUCTION OF THE PIER AT MID-STREAM AND BE COMPRISED OF CLEAN STONE FILL ONLY.

IT IS ANTICIPATED THAT THIS PROJECT WILL LAST TWO CONSTRUCTION SEASONS.

ALL MAJOR GRADING AND EARTHWORKS OPERATIONS SHALL BE CONDUCTED IN DRY-WEATHER CONDITIONS BETWEEN APRIL 15<sup>TH</sup> AND OCTOBER 15<sup>TH</sup> WHENEVER PRACTICAL. NO MAJOR GRADING WORK SHALL BE PERFORMED BY THE CONTRACTOR IN THE WINTER BETWEEN OCTOBER 15<sup>TH</sup> AND APRIL 15<sup>TH</sup> WHEN SOILS ARE TYPICALLY SATURATED WITH WATER OR ARE FROZEN IN THE COLDER MONTHS.

**SITE INVENTORY**

**OFF SITE DRAINAGE CHARACTERISTICS:** THE PROPERTY SURROUNDING THE PROJECT SITE CONSISTS OF WELL ESTABLISHED VEGETATION, WITH STEEP SLOPES OF VARIOUS GRASSES, SHRUBS AND TREES. THE DRAINAGE WAYS ARE WELL DEFINED AND RUNOFF WATER ENTERING THE PROJECT SITE WILL BE PRIMARILY LIMITED TO THAT WHICH IS CONVEYED ALONG ROADWAY DITCHES, AND CULVERTS.

**DRAINAGE, WATERWAYS, BODIES OF WATER, PROXIMITY TO NATURAL OR MAN-MADE FEATURES:** THE WHITE RIVER IS THE ONLY BODY OF WATER LOCATED WITHIN THE PROJECT AREA. THERE ARE EXISTING CULVERTS AT STATIONS 136+70, 137+49, 140+31 ON ROUTE 100 AND STATION 83+33 ON TIMBER RIVER ROAD WHICH ARE TO BE REMOVED. THE EXISTING CULVERT AT STATION 130+25 ON ROUTE 100 WILL REMAIN AND NOT BE AFFECTED.

DISTURBANCE OF SOILS NEAR NATURAL OR MAN-MADE WATERWAYS CONSISTS OF THAT WHICH IS NECESSARY TO REMOVE TWO CONCRETE ABUTMENTS AND BUILD TWO NEW ABUTMENTS. STABILIZATION OF DISTURBANCE TO STREAM BANKS WILL BE ACCOMPLISHED WITH STONE FILL, TYPE IV.

**TOPOGRAPHY, EXISTING ROADS, BUILDINGS, UTILITIES:** THE TOPOGRAPHY OF THE PROJECT SITE IS FLAT TO MOUNTAINOUS, WITH A MIXTURE OF FORESTED AND OPEN AREAS.

THE PROJECT IMPACTS STEEP SLOPES. THE SLOPES ARE WELL VEGETATED. THE EXISTING SHAPE OF THE PROJECT AREA CAN BE SEEN BY LOOKING AT THE EPSC PRE-CONSTRUCTION SITE PLANS" (SHEETS 38-41) WHERE THE EXISTING CONTOURS ARE SHOWN.

THERE ARE SOME RESIDENCES AND BUSINESSES FOUND WITHIN THE PROJECT.

OVERHEAD UTILITIES SERVICE FOLLOWS ALONG VERMONT ROUTE #100 WITH THE NEED FOR RELOCATION OF A UTILITY POLE AT STATION 146+78 RT.

**VEGETATION** THE VEGETATION SURROUNDING THE PROJECT SITE CONSISTS OF VARIOUS GRASSES, SHRUBS AND WOODED AREAS. IMPACTS TO VEGETATION WILL BE LIMITED TO THAT EFFECTED BY THE CONSTRUCTION OF THE NEW BRIDGE ON THE NEW ALIGNMENT.

FOLLOWING THE CONSTRUCTION OF THE NEW BRIDGE, THE SLOPES WILL BE STABILIZED WITH STONE FILL AND VEGETATION WILL BE REESTABLISHED WITH STANDARD SEED AND MULCH PRACTICES.

**SOILS** ALL SOIL INFORMATION CAME FROM THE USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY FOR THE COUNTY OF WINDSOR, VERMONT.

SOIL NAME	DEPTH	ERODIBILITY	K-VALUE
AGAWAM FINE SANDY LOAM (8A)	0-60"	SLIGHT	0.28
HINKLEY FINE SANDY LOAM (14B)	0-60"	SLIGHT	0.20
ONDAWA FINE SANDY LOAM (23)	0-60"	SLIGHT	0.24

AGAWAM CONSISTS OF VERY DEEP, WELL DRAINED SOILS, LOCATED ON OUTWASH PLAINS AND HIGH STREAM TERRACES. 0-3% SLOPE

HINKLEY CONSISTS OF VERY DEEP, EXCESSIVELY DRAINED SOILS, LOCATED ON OUTWASH PLAINS, TERRACES AND DELTAS. 0-8% SLOPE

ONDAWA CONSISTS OF VERY DEEP, WELL DRAINED SOILS FORMED IN RECENT ALLUVIUM ON FLOOD PLAINS.

**SENSITIVE RESOURCE AREAS:** NO "THREATENED & ENDANGERED SPECIES" HAVE BEEN IDENTIFIED WITHIN THE PROJECT LIMITS AND THERE WILL BE NO ADVERSE EFFECT TO HISTORIC OR ARCHEOLOGICAL FEATURES.

THERE ARE NO KNOWN WETLANDS LOCATED WITHIN THE PROJECT LIMITS.

**RISK ELVALUATION**

TOTAL DISTURBED AREA (EXCLUDING WASTE, BORROW AND STAGING AREAS): 4.0 ACRES .

THE OVERALL SCORE FOR THE DETAILED RISK EVALUATION ON THIS PROJECT IS 1. THEREFORE, THIS PROJECT IS ELIGIBLE FOR THE CONSTRUCTION GENERAL PERMIT AS A MODERATE RISK PROJECT PROVIDED THAT THE REQUIREMENTS OF SUBPART 3 OF THE CONSTRUCTION GENERAL PERMIT ARE MET. IF THESE REQUIREMENTS CANNOT BE MET, CONTACT DAN MASON OF THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION AT (802) 241-3679 TO DETERMINE IF THE PROJECT SHOULD SEEK COVERAGE AS AN INDIVIDUAL DISCHARGE PERMIT.

THE EPSC PLANS WERE DEVELOPED IN ACCORDANCE WITH THE CONSTRUCTION GENERAL PERMIT REQUIREMENTS TO MINIMIZE IMPACTS TO THE RECEIVING WATERS.

**GENERAL EROSION & SEDIMENT CONTROL GUIDELINES**

THE TOTAL DISTURBED AREA SHALL BE LIMITED TO 2.0 ACRES OR LESS AT ALL TIMES.

THE EROSION CONTROL PLANS ARE INTENDED AS A GUIDE FOR PREVENTING SOIL EROSION AND CONTROLLING SEDIMENT. THE WORK OUTLINED IN THIS NARRATIVE CONSISTS OF APPLYING MEASURES THROUGHOUT THE DURATION OF THE PROJECT TO PREVENT EROSION AND CONTAIN ERODED SEDIMENT ON-SITE.

THE CONTRACTOR WILL USE OTHER TEMPORARY OR PERMANENT EROSION CONTROL DEVICES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION AND AS DIRECTED BY THE RESIDENT ENGINEER, IN ACCORDANCE WITH THE VERMONT STANDARD SPECIFICATIONS FOR CONSTRUCTION SPECIFIED FOR THIS PROJECT.

THE CONTRACTOR SHALL COORDINATE THE INSTALLATION, USE, AND REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES WITH CONSTRUCTION ACTIVITIES TO ASSURE ECONOMIC, EFFECTIVE, AND CONTINUOUS EROSION AND SEDIMENT CONTROL. THE CONTRACTOR SHALL EMPLOY TEMPORARY STABILIZATION PRACTICES IN INCREMENTAL STAGES AS CONSTRUCTION ACTIVITIES PROCEED.

THE RESIDENT ENGINEER MAY DIRECT THE INSTALLATION OF CERTAIN EROSION CONTROL MEASURES IN ORDER TO FORESTALL OR MITIGATE POTENTIAL OR EXISTING EROSION PROBLEMS, OR TO RESPOND TO STORM EVENTS OR DAMAGE BY CONSTRUCTION OPERATIONS.

THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL MEASURES AS SEQUENCED ON THE EPSC PLAN, OR AS DIRECTED BY THE RESIDENT ENGINEER. THE TYPE, SIZE, AND LOCATION OF ANY EROSION CONTROL DEVICE SHALL NOT BE CHANGED UNLESS PRIOR APPROVAL IS OBTAINED FROM THE RESIDENT ENGINEER. ANY APPROVED CHANGES SHALL BE NOTED ON THE EPSC PLANS AND RECORDED IN THE WEEKLY REPORT. THE RESIDENT ENGINEER'S APPROVAL SHOULD BE OBTAINED PRIOR TO INSTALLING ANY EROSION CONTROLS NOT

SPECIFIED IN THE EPSC PLANS. HOWEVER, IN EMERGENCY SITUATIONS WHERE THE RESIDENT ENGINEER IS NOT IMMEDIATELY AVAILABLE, THE CONTRACTOR SHOULD REPAIR OR INSTALL THE EROSION CONTROLS AS HE/SHE DEEMS NECESSARY AND REPORT THE INCIDENT TO THE RESIDENT ENGINEER AS SOON AS IT IS PRACTICAL.

CONSTRUCTION EQUIPMENT WILL NOT BE ALLOWED TO OPERATE ON THE OUTSIDE OF THE PERIMETER CONTROL MEASURES.

AS CONSTRUCTION PROGRESSES, IMPLEMENTATION OF ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY BY THE ON-SITE COORDINATOR AND AS APPROVED BY THE RESIDENT ENGINEER.

**EROSION PREVENTION AND SEDIMENT CONTROL (EPSC)**

**MARK SITE BOUNDARIES** PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE PROJECT DEMARCATION FENCING (PDF) SHALL BE PLACED ALONG THE PERIMETER OF THE PROJECT AS SHOWN ON THE EPSC PRE-CONSTRUCTION SITE PLANS (SHEETS 38-41). THE INSTALLATION OF THE PDF WILL BE PERFORMED SUCH THAT NO VEGETATION ON THE OUTSIDE OF THE FENCING IS DISTURBED.

**LIMIT DISTURBANCE AREA** PRESERVE EXISTING VEGETATION, SHRUBS, AND TREES WHENEVER POSSIBLE.

**STABILIZE CONSTRUCTION ENTRANCE** PRIOR TO ANY CONSTRUCTION OR STAGING, THE CONTRACTOR WILL INSTALL STABILIZED CONSTRUCTION ENTRANCE LEADING TO STAGING AREAS AND THE PROJECT SITE TO PREVENT THE TRACKING OF SILTS AND SEDIMENTS OFFSITE. THE CRUSHED STONE PRODUCT USED FOR THE CONSTRUCTION OF THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MONITORED FOR SEDIMENT ACCUMULATION AND REPLACED AS NECESSARY AS DIRECTED BY THE RESIDENT ENGINEER. STABILIZED CONSTRUCTION ENTRANCE SHALL ALSO BE ESTABLISHED AND MAINTAINED AT ALL OFFSITE WASTE AND BORROW AREAS.

**INSTALL SILT FENCE** SILT FENCE SHALL BE PLACED ALONG CONTOUR LINE AT LOCATIONS ILLUSTRATED ON THE EPSC CONSTRUCTION SITE PLANS (SHEETS 42-45).

SILT FENCE SHALL BE PLACED AT THE TOES OF ALL FILL SLOPES AND SHALL BE CONSTRUCTED SO THAT FLOWS CANNOT BYPASS THE ENDS. AREAS DIRECTLY BELOW (DOWNHILL) OF THE SILT FENCES MUST BE UN-DISTURBED AND VEGETATED.

**DIVERT UPLAND RUNOFF**

THE CONTRACTOR SHALL CONTROL ALL SEDIMENT-LOADED RUNOFF WITHIN THE PROJECT SITE. CLEAN RUNOFF FROM OUTSIDE THE PROJECT SITE SHALL BE ROUTED AROUND THE PROJECT SITE USING DIVERSION BERMS, DIVERSION CHANNELS, AND TEMPORARY OR PERMANENT CULVERTS IF PRACTICAL.

ALL SEDIMENTS REMOVED FROM EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DEPOSITED IN AN UPLAND PORTION OF THE PROJECT SITE OR DEPOSITED OFF SITE IN THE DESIGNATED PROJECT WASTESITE.

**SLOW DOWN CHANNELIZED RUNOFF**

CHECK DAMS SHALL BE INSTALLED AS SHOWN AND DESCRIBED ON THE EPSC DETAILS-1 (SHEET 50).

TEMPORARY INLET PROTECTION SHALL BE PLACED AT CULVERT ENTRANCE AT LOCATIONS ILLUSTRATED ON THE EPSC CONSTRUCTION SITE PLANS (SHEETS 42-45). TEMPORARY INLET PROTECTION SHALL BE INSTALLED AS SHOWN AND DESCRIBED ON EPSC DETAILS-3 (SHEET 52).

**CONSTRUCT PERMANENT CONTROLS**

THREE OPTIONAL PIPES SHALL BE INSTALLED ON ROUTE 100 AT STATIONS 136+75 CL, 137+90 CL AND 140+50 CL. SEE EPSC CONSTRUCTION PLANS (SHEETS 42-45) FOR PIPE SIZE AND PLACEMENT. ALL PIPE INSTALLATION SHALL START WITH STONE PAD AND WORK BACK TOWARDS INLET. SEE MAINLINE SECTIONS FOR ELEVATIONS.

STONE PADS WILL BE PLACED ON THE DISCHARGE ENDS OF ALL PROPOSED PIPES. SEE EPSC CONSTRUCTION PLANS (SHEETS 42-45) FOR PAD SIZE AND PLACEMENT. ALL PADS TO BE CONSTRUCTED OF TYPE II STONE.

UNDERDRAIN SHALL BE INSTALLED ON VT ROUTE 100, BEGINNING AT STATION 133+50 LT AND ENDING AT 136+70. THE UNDERDRAIN SHALL BE 6" IN DIAMETER. FLUSHING BASINS SHALL BE LOCATED AT STATION 133+50 AND 136+70. AT STATION 136+70 THE UNDERDRAIN SHALL TRANSITION INTO SOLID PIPE AND TURN 90 DEGREES FOR 67', WHERE IT WILL DISCHARGE ONTO A 7'x9' STONE PAD.

UNDERDRAIN SHALL BE INSTALLED ON TIMBER RIVER ROAD, BEGINNING AT STATION 82+00 LT AND ENDING AT 84+00 LT. THE UNDERDRAIN SHALL BE 6" IN DIAMETER. A FLUSHING BASIN SHALL BE LOCATED AT STATION 82+00. AT STATION 84+00 THE UNDERDRAIN SHALL EMPTY INTO A CATCH BASIN. A 15" PIPE OUTLETS FOR 40', WHERE IT WILL DISCHARGE ONTO A 3'x7' STONE PAD.

TYPE IV STONE SHALL BE PLACED ALONG THE RIVER BANK TO STABILIZE SLOPES AROUND ABUTMENTS. SEE EPSC STABILIZATION SITE PLAN (SHEETS 46-49) FOR LOCATION. GEOTEXTILE UNDER STONE FILL WILL BE USED TO INCREASE THE EFFECTIVENESS OF THE STONE FILL PREVENTING EROSION.

CONSTRUCT A VEGETATIVE SWALE BEGINNING AT STATION 133+50 LT AND ENDING AT 136+75.

ANOTHER VEGETATIVE SWALE SHALL BE CONSTRUCTED BEGINNING AT STATION 43+00 TO 147+50 AS ILLUSTRATED ON THE EPSC CONSTRUCTION SITE PLANS (SHEET 42-45).

**STABILIZE EXPOSED SOILS**

ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY OR FINAL STABILIZATION WITHIN 7 DAYS OF THE INITIAL DISTURBANCE. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORK DAY. THE FOLLOWING EXCEPTIONS APPLY:  
I. STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.  
II. STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (I.E. NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER.

SURFACE ROUGHENING AND MULCHING WILL BE USED TO TEMPORARILY STABILIZE SLOPES. DRIVE EQUIPMENT ON THE SLOPES TO LEAVE TRACK (SMALL CHECK DAMS) THAT WILL CATCH WATER FLOW. ALL SURFACE ROUGHENING SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER. SEE EPSC DETAIL-4 (SHEET 53) FOR FURTHER INFORMATION.

ROLLED EROSION CONTROL PRODUCT SHALL BE PLACED ALONG THE PROPOSED VEGETATED SWALE FROM STATION 143+00 TO 147+50 RT AS ILLUSTRATED ON THE EPSC CONSTRUCTION PLANS (SHEETS 42-45). ROLLED EROSION CONTROLLED PRODUCT SHALL BE INSTALLED AS SHOWN AND DESCRIBED ON EPSC DETAILS-3 (SHEET 52).

SEED-AND MULCH ALL DISTURBED AREAS TO ESTABLISH PERMANENT VEGETATION. SEE EROSION CONTROL, EPSC STABILIZATION SITE PLANS (SHEETS 46-49) FOR LOCATIONS OF AREAS TO BE RE-VEGETATED. TO ASSURE A VIGOROUS CATCH OF VEGETATIVE COVER, SEEDING AND MULCHING SHALL BE COMPLETE BY SEPTEMBER 15<sup>TH</sup>. WINTER RYE SEED SHALL BE USED TO ESTABLISH TEMPORARY VEGETATIVE COVER WHENEVER DISTURBED AREAS CAN NOT BE IMMEDIATELY PERMANENTLY SEEDED.

**WINTER STABILIZATION**

AFTER SEPTEMBER 15 ALL DISTURBED AREAS ARE SEEDED AND MULCHED TO 3" DEEP OR COVERED WITH ROLLED EROSION CONTROL PRODUCT.

IF THIS PROJECT EXTENDS PAST OCT. 15, THE EPSC PLAN SHALL BE RE-EVALUATED FOR THE PROPER PROCEDURES FOR WINTER CONSTRUCTION.

**DEWATERING ACTIVITIES**

FILTER BAGS SHALL BE USED DURING DEWATERING PUMPING OPERATIONS. SEE EPSC DETAILS-4 (SHEET 53) FOR FURTHER INFORMATION.

FILTER BAGS SHALL BE PLACED A MINIMUM OF 50 FEET FROM ANY WATERS OF THE STATE AND ON A GRADUAL SLOPE IN ORDER THAT INCOMING WATER FLOWS DOWNHILL THROUGH THE BAG.

DISCHARGE RATES SHALL NOT EXCEED MANUFACTURERS RECOMMENDATIONS WHEN A FILTER BAG IS FULL AND SHALL BE REPLACED WHEN IT CAN NO LONGER EFFICIENTLY FILTER SEDIMENT OUT OR ALLOW WATER TO PASS AT A REASONABLE RATE. FILTER BAGS SHALL BE DISPOSED OF AT AN APPROVED LOCATION AS DIRECTED BY THE ENGINEER.

**REMOVAL OF TEMPORARY EROSION CONTROLS**

REMOVE PERIMETER CONTROLS (PDF) ONLY AFTER ALL CONSTRUCTION ACTIVITIES ARE COMPLETED AND ALL SLOPES ARE STABILIZED AND WELL ESTABLISHED.

REMOVAL OF SILT FENCE SHALL COMMENCE ONLY AFTER ALL UPSLOPE AREAS ARE STABILIZED AND WELL ESTABLISHED. THE RESIDENT ENGINEER MUST APPROVE THE REMOVAL.

REMOVAL OF CHECK DAMS CAN OCCUR AFTER VEGETATED DITCHES HAVE ESTABLISHED GROWTH OR STONE LINED DITCHES ARE COMPLETED.

**MAINTENANCE PLAN**

THE FOLLOWING MAINTENANCE SCHEDULE WILL BE FOLLOWED THROUGHOUT THE DURATION OF THE PROJECT.

A DESIGNATED PERSON KNOWN AS THE ON-SITE PLAN COORDINATOR SHALL BE DIRECTLY RESPONSIBLE FOR ON-SITE IMPLEMENTATION OF THE EPSC PLAN. THE ON-SITE PLAN COORDINATOR SHALL HAVE THE AUTHORITY TO STOP AND/OR MODIFY CONSTRUCTION ACTIVITIES AS NECESSARY TO COMPLY WITH THE EPSC PLAN AND THE TERMS AND CONDITIONS OF CONSTRUCTION GENERAL PERMIT AND SHALL BE RESPONSIBLE FOR INSPECTIONS AND RECORD KEEPING. THE ON-SITE COORDINATOR OR HIS/HER DESIGNEE SHALL BE ON SITE ON A DAILY BASIS DURING ACTIVE CONSTRUCTION. INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WHEN A STORM EVEN RESULTS IN RUNOFF OF STORMWATER FROM THE CONSTRUCTION SITE. INSPECTIONS SHALL INCLUDE ALL AREAS OF THE SITE DISTURBED BY CONSTRUCTION ACTIVITY AND ALL DISCHARGE LOCATIONS, INCLUDING AREAS WITH TEMPORARY STABILIZATION.

AN INSPECTION REPORT SHALL BE COMPLETED FOR EACH INSPECTION AND SIGNED BY THE ON-SITE PLAN COORDINATOR OR THE PERSON ACTING UNDER THE DIRECTION OF THE ON-SITE PLAN COORDINATOR. A COPY OF THE INSPECTION REPORT SHALL BE GIVEN TO THE RESIDENT ENGINEER. SEE SPECIAL PROVISION 652 FOR ADDITIONAL GUIDANCE.

SILT FENCE AND STONE CHECK DAMS WILL BE INSPECTED, AS DESCRIBED BELOW:

- I. ANY SILT FENCE OR STONE CHECK DAM THAT IS INEFFECTIVE WILL BE REPAIRED OR REPLACED IMMEDIATELY.
- II. SEDIMENT DEPOSITS WILL BE REMOVED WHEN THEY REACH ONE-HALF THE HEIGHT OF THE SEDIMENT CONTROL DEVICE.
- III. ALL SEDIMENTS REMOVED WILL BE DEPOSITED IN AN UPLAND PORTION OF THE PROJECT SITE, OR DISPOSED OFF-SITE IN THE DESIGNATED PROJECT WASTE SITE.

ALL SLOPES WILL BE CHECKED FOR ANY ERODED AREAS AND WILL BE IMMEDIATELY REPAIRED. TEMPORARY STABILIZATION METHODS WILL BE USED AS NECESSARY UNTIL FINAL STABILIZATION MEASURES ARE IN PLACE.

BOTH TEMPORARY & PERMANENT SEEDING & MULCHING WILL BE CHECKED FOR VEGETATIVE GROWTH. ANY AREAS REQUIRING RE-VEGETATION WILL BE REPAIRED IMMEDIATELY.

DRAINAGE STRUCTURES WILL BE CLEANED AS NECESSARY TO REMOVE ANY SEDIMENT BUILDUP IN THE SUMP OF THE STRUCTURES OR AT THE INLET OF THE STRUCTURE.

- i. ANY INLET CONTROL FOUND TO BE INEFFECTIVE WILL BE REPLACED AS NECESSARY AND WILL BE DONE IMMEDIATELY.
- ii. ALL SEDIMENT REMOVED WILL BE DEPOSITED IN AN UPLAND PORTION OF THE PROJECT SITE, OR DISPOSED OF OFF-SITE IN THE DESIGNATED PROJECT WASTE SITE.

STABILIZED CONSTRUCTION ENTRANCE WILL BE MONITORED FOR EFFECTIVENESS AND REPAIRED OR REPLACED WHEN NECESSARY.

ALL TEMPORARY EROSION CONTROL DEVICES WILL STAY IN PLACE UNTIL FINAL GRASS GROWTH HAS BEEN ESTABLISHED AND COMPLETE STABILIZATION OF THE AREA HAS OCCURRED.

ONCE STABILIZATION HAS OCCURRED, ALL TEMPORARY EROSION CONTROL MEASURES WILL BE REMOVED AND ALL DISTURBED AREAS WILL BE STABILIZED WITH EROSION MATTING AND/OR SEED & MULCH

**ESTMATED CONSTRUCTION SEQUENCE**

- 1. INSTALL TEMPORARY EROSION CONTROLS
- 2. CONSTRUCT PROPOSED BRIDGE
- 3. PHASED ALIGNMENT WORK
- 4. REMOVAL OF EXISTING BRIDGE
- 5. FINAL STABILIZATION
- 6. REMOVE TEMPORARY EROSION CONTROLS

**GENERAL SEED MIX**

NAME	Lbs/Acre
CREeping RED FESCUE	22.5
TALL FESCUE	22.5
RED TOP	3.0
BIRDSFOOT TREFoil	9.0
ANNUAL RYE GRASS	3.0
TOTAL	60.0 Lbs/Acre

**FERTILIZER & LIMESTONE**

NAME	Lbs/Acre
FERTILIZER	500
LIMESTONE	2000

PROJECT NAME:	STOCKBRIDGE
PROJECT NUMBER:	BRF 013-4(21)
FILE NAME:	78f238/str5/sf238eronoates.dgrPLOT
DATE:	06-FEB-2008
PROJECT LEADER:	K. HIGGINS
DRAWN BY:	J. SALVATORI
DESIGNED BY:	T. FILLBACH
CHECKED BY:	T. SUMNER
sf238eronoates.l	SHEET 37 OF 144

**EROSION CONTROL NOTES**