

## CONSTRUCTION SPECIFICATION

PREPARATION OF SITES FOR CONSTRUCTION SHALL BE DONE IN A MANNER WHICH DESTROYS AS LITTLE VEGETATION OUTSIDE THE AREA TO BE OCCUPIED BY THE DIVERSION OR WATERWAY AS FEASIBLE. SPECIAL EFFORTS SHALL BE MADE TO SAVE TREES OF SIGNIFICANT VALUE.

CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN A MANNER TO MINIMIZE AIR AND WATER POLLUTION AND HOLD SUCH POLLUTION WITHIN LEGAL LIMITS. BARE AREAS SHALL BE VEGETATED AS SOON AS PRACTICAL AFTER EARTHWORK IS COMPLETED.

DISPOSAL OF DEBRIS FROM SITE PREPARATION SHALL BE DONE IN A MANNER AS TO CAUSE MINIMUM POLLUTION TO THE ENVIRONMENT.

ALL DEAD FURROWS, DITCHES, OR GULLIES TO BE CROSSED SHALL BE FILLED BEFORE CONSTRUCTION BEGINS OR AS A PART OF CONSTRUCTION. FENCE ROWS OR OTHER OBSTRUCTIONS THAT WILL INTERFERE WITH THE SUCCESSFUL OPERATION OF THE DIVERSION OR WATERWAY SHALL BE REMOVED.

THE EARTH MATERIALS USED IN CONSTRUCTING THE EARTHFILL PORTIONS OF THE DIVERSIONS SHALL BE OBTAINED FROM THE DIVERSION CHANNEL OR OTHER APPROVED SOURCES.

THE EARTHFILL MATERIALS USED TO CONSTRUCT DIVERSIONS SHALL BE COMPACTED BY ROUTING THE CONSTRUCTION EQUIPMENT OVER THE FILL IN SUCH A MANNER THAT THE ENTIRE SURFACE OF THE FILL WILL BE TRAVERSED BY NOT LESS THAN ONE TREAD TRACK OF THE EQUIPMENT.

WHEN AN EXCESS OF EARTH MATERIAL RESULTS FROM CUTTING THE CHANNEL CROSS SECTION AND GRADE, IT SHALL BE DEPOSITED ADJACENT TO THE CHANNEL UNLESS OTHERWISE DIRECTED BY THE NRCS TECHNICIAN.

THE COMPLETED CHANNEL SHALL CONFORM TO THE CROSS SECTION, LINE, AND GRADE SHOWN ON THE DESIGN.

ALL SECTIONS OF THE CHANNEL SHALL BE FREE-DRAINING. LOW SPOTS SHALL NOT EXCEED 0.2 FOOT IN DEPTH, NOR EXTEND FOR MORE THAN 50 FEET. NO LOW SPOTS ARE PERMISSIBLE ON SOILS SUBJECT TO SLIPPAGE. ALL PORTIONS OF THE DITCH SHALL BE FINISHED IN SUCH A MANNER THAT NORMAL FARM MACHINERY CAN PROCEED WITH THE ESTABLISHMENT OF VEGETATIVE COVER WITHOUT UNDUE DIFFICULTY.

### BILL OF MATERIALS

MATERIALS	KIND	RATE PER ACRE	TOTAL
FERTILIZER			
LIME			
MULCH			
SEED			