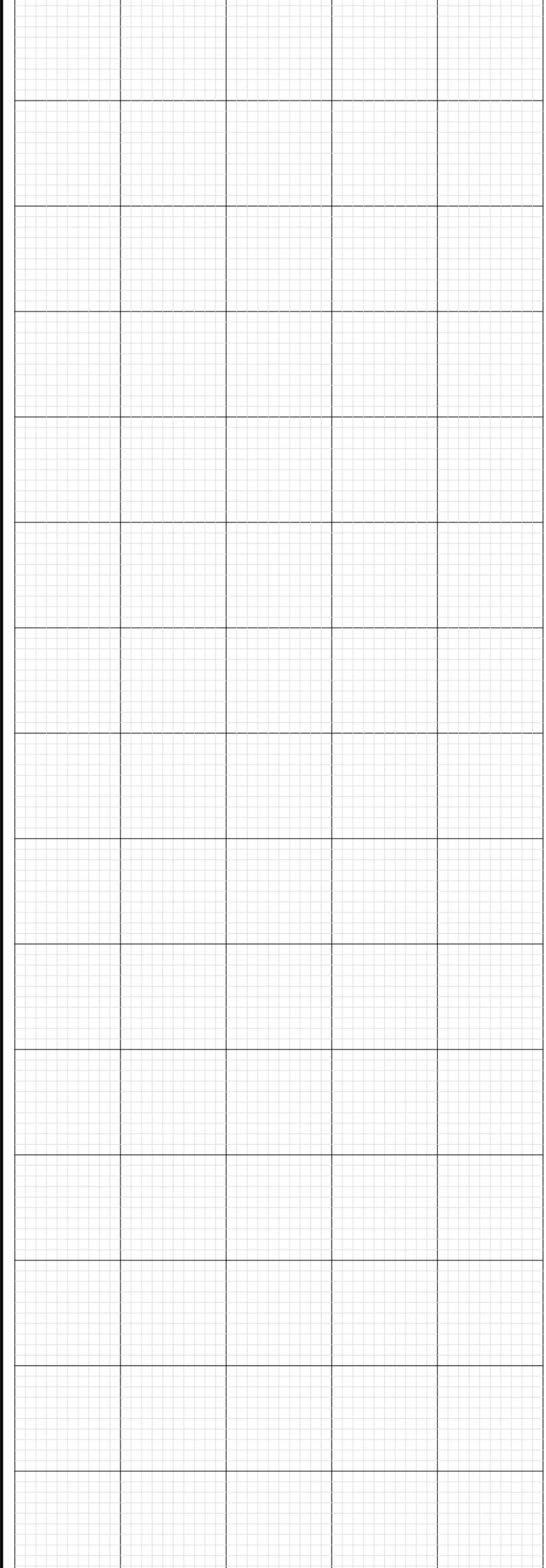
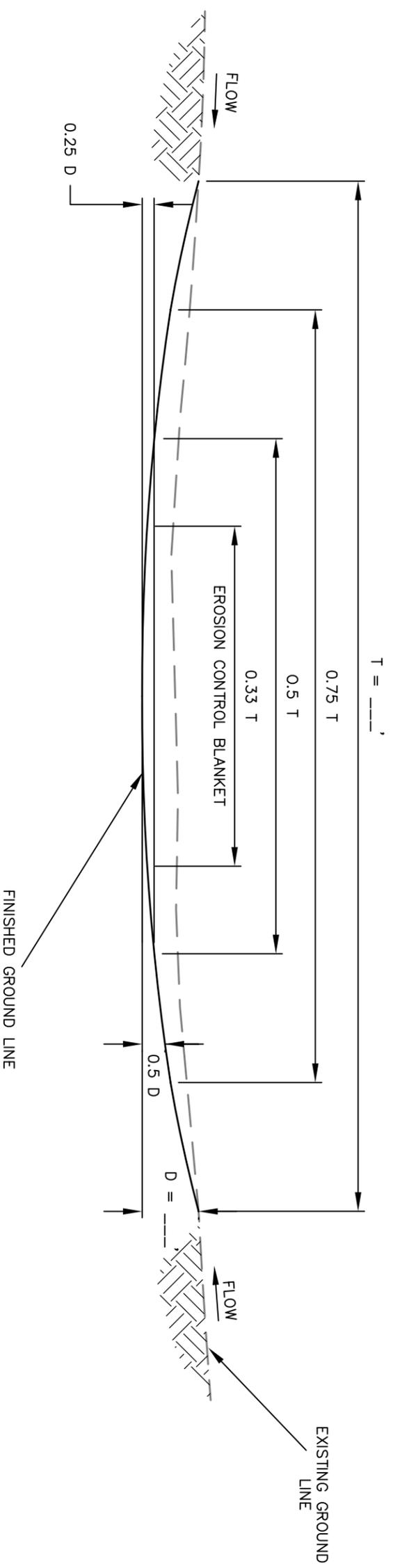


PLAN VIEW



Sheet 1 of 2	Drawing Name	File Name	GRASSED WATERWAY PLAN-PROFILE	VERMONT	HAZARD CLASS LOW	 Natural Resources Conservation Service United States Department of Agriculture	Designed _____	Date _____
					JOB CLASS		Drawn _____	Checked _____

TYPICAL PARABOLIC CROSS-SECTION



CONSTRUCTION SPECIFICATIONS AND NOTES

1. THE WATERWAY SHALL BE CONSTRUCTED AT THE LOCATION MARKED IN THE FIELD.
2. ALL TREES, BRUSH, STUMPS, SOD, AND OTHER OBJECTIONABLE MATERIAL SHALL BE LEGALLY DISPOSED OF SO THEY WILL NOT INTERFERE WITH THE CONSTRUCTION OR PROPER FUNCTIONING OF THE WATERWAY OR OUTLET.
3. WHERE FILLING IS NECESSARY, HEAVY SOD SHALL BE REMOVED. FILL SHALL NOT CONTAIN VEGETATION, SOD, FROZEN MATERIAL, BRUSH, ROOTS, STONES LARGER THAN (6) INCHES IN DIAMETER, OR OTHER OBJECTIONABLE MATERIAL. ERODED AREAS SHALL BE SLOPED AND SCARIFIED TO 1H TO 1V(1:1) OR FLATTER TO INSURE BONDING WITH THE FILL BEING PLACED. FILL SHALL NOT BE PLACED ON FROZEN SURFACE. FILL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED (9) INCHES PRIOR TO COMPACTION. THE MOISTURE CONTENT OF THE FILL SHALL BE SUFFICIENT TO OBTAIN FIRM COMPACTION. COMPACTION SHALL BE ACCOMPLISHED BY THE ROUTING OF CONSTRUCTION EQUIPMENT OVER THE FILL SUCH THAT THE ENTIRE SURFACE OF EACH LAYER WILL BE TRAVERSED BY NOT LESS THAN (1) TRACK OF THE CONSTRUCTION EQUIPMENT.
4. ALL EARTH EXCAVATED AND NOT NEEDED IN THE CONSTRUCTION OF THE WATERWAY SHALL BE SPREAD ADJACENT TO THE WATERWAY OR SHALL BE DISPOSED OF SO THAT IT WILL NOT INTERFERE WITH PROPER FUNCTIONING OF THE WATERWAY. ALL SPOIL AND DISPOSAL AREAS SHALL BE GRADED SMOOTH AND SHALL BE FREE DRAINING.
5. APPLY FERTILIZER AT THE FOLLOWING RATES:
 NITROGEN 50 LBS./AC.
 PHOSPHOROUS 50 LBS./AC.
 POTASSIUM 100 LBS./AC.
 UNLESS OTHERWISE SPECIFIED, APPLY SEED AT THE FOLLOWING RATES:
 CREEPING RED FESCUE (ENSYLVA OR FLYER) 20 LBS./AC
 REDTOP 2 LBS./AC.
 TALL FESCUE 20 LBS./AC.
6. AN ALTERNATIVE SEEDING MIXTURE MAY BE APPLIED WHEN AUTHORIZED BY AN APPROVING OFFICIAL.
7. APPLY A MULCH OF STRAW OR HAY AT A RATE OF 2 TONS/AC.

BILL OF MATERIALS

ITEM #	ITEM	QUANTITY	UNIT	CONSTRUCTION SPECIFICATIONS
1.	EARTHWORK		C.Y.	11
2.	EROSION CONTROL BLANKET		S.Y.	21
3.	SEEDING AND MULCHING		ACRE	52

GRASSED WATERWAY
CROSS SECTION

VERMONT

HAZARD CLASS
LOW

JOB CLASS



Date				
Designed	_____	_____	_____	_____
Drawn	_____	_____	_____	_____
Checked	_____	_____	_____	_____
Approved by	_____	_____	_____	_____

File Name
Drawing Name