

- CONSTRUCTION NOTES
- GENERAL NOTES
1.

ALL ITEMS SHALL BE CONSTRUCTED TO THE DIMENSIONS AND ELEVATIONS SHOWN ON THE DRAWINGS. ANY CHANGES SHALL BE APPROVED BY THE NRCS REPRESENTATIVE ON SITE.
2.

ALL PERMITS, EASEMENTS, AND RIGHTS OF WAY ARE THE RESPONSIBILITY OF THE LANDOWNER.
3.

IT IS THE EXCAVATION CONTRACTORS RESPONSIBILITY TO CALL "DIG SAFE" AND TO COMPLY WITH ALL VERMONT LAWS AND REGULATIONS REGARDING THE LOCATION AND WORK AROUND UNDERGROUND UTILITIES. DIG SAFE (888) 344-7233.
4.

ALL CONSTRUCTION ACTIVITIES SHALL BE DONE IN A MANNER THAT MINIMIZES SEDIMENT FROM ENTERING ANY WATER BODIES, INCLUDING DRAINAGE WAYS, SEE VT D.E.C. SEDIMENT AND EROSION CONTROL HANDBOOKS.
5.

CONSTRUCTION MAY NOT BEGIN UNTIL THE CONTRACTOR, LANDOWNER, AND NRCS HAVE A PRE-CONSTRUCTION MEETING IN ORDER TO DISCUSS THE DETAILS OF THE PROJECT.
6.

IT SHALL BE THE CONTRACTOR'S AND LANDOWNER'S RESPONSIBILITY TO NOTIFY NRCS AT LEAST TWO DAYS IN ADVANCE OF:

A. START OF CONSTRUCTION.

- EARTHWORK NOTES:
7.

ALL SOD, MANURE, & ORGANIC MATTER SHALL BE REMOVED TO REVEAL CLEAN SUBGRADE. ANY TOPSOIL SHOULD BE STRIPPED AND STOCKPILED TO BE USED AS FINISH ON DISTURBED AREAS.
8.

ERODED AREAS SHALL BE SLOPED AND SCARIFIED TO 1H : 1V (1:1) OR FLATTER TO ENSURE BONDING WITH THE FILL BEING PLACED.
9.

FILL SHALL NOT CONTAIN MANURE, VEGETATION, SOD, FROZEN MATERIAL, BRUSH, ROOTS, STONES LARGER THAN 6 INCHES IN DIAMETER, OR OTHER OBJECTIONABLE MATERIAL.
10.

FILL SHALL NOT BE PLACED ON FROZEN SURFACES.
11.

FILL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED 9 INCHES PRIOR TO COMPACTION.
12.

THE MOISTURE CONTENT OF THE FILL SHALL BE SUFFICIENT TO OBTAIN FIRM COMPACTION.
13.

COMPACTION SHALL BE ACCOMPLISHED BY THE ROUTING OF CONSTRUCTION EQUIPMENT OVER THE FILL WITH NOT LESS THAN 2 PASSES OF THE CONSTRUCTION EQUIPMENT. ONE "PASS" SHALL BE CONSIDERED SUCH THAT THE ENTIRE SURFACE OF EACH LAYER WILL BE TRAVERSED BY NOT LESS THAN 1 TRACK OF THE CONSTRUCTION EQUIPMENT.
14.

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. UNDER NO CIRCUMSTANCES SHALL MATERIAL BE DUMPED IN WETLANDS, FLOODPLAINS, OR WATER CONVEYANCES.

- GRASSED WATERWAY NOTES:
15.

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.
16.

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED AND MULCHED ACCORDING TO CONSTRUCTION SPECIFICATION #52.
17.

APPLY FERTILIZER AT THE FOLLOWING RATES:

NITROGEN

50 LBS / AC

PHOSPHORUS

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
18.

AN ALTERNATIVE SEEDING MIXTURE MAY BE APPLIED WHEN AUTHORIZED BY NRCS.
19.

APPLY A MULCH OF STRAW OR HAY AT A RATE OF 2 TONS / AC

LOCATION MAP
SCALE: _____

BILL OF MATERIALS

ITEM #	ITEM	QUANTITY	UNIT	CONSTRUCTION SPECIFICATIONS
1.	SITE PREPARATION	FOR	JOB	1, 5
2.	EARTHWORK		C.Y.	11
3.	EROSION CONTROL BLANKET		S.Y.	21
4.	SEEDING & MULCHING		ACRE	52



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Dig Safe

MA • ME • NH • RI • VT

VT STANDARD DRAWING

1/1/2021

United States

Department of

Agriculture

Natural Resources

Conservation Service

USDA

HAZARD CLASS

LOW

JOB CLASS

GRASSED WATERWAY

CONSTRUCTION NOTES & BILL OF MATERIALS

VERMONT

Date

Designed

Drawn

Checked

Approved by



File Name

Drawing Name

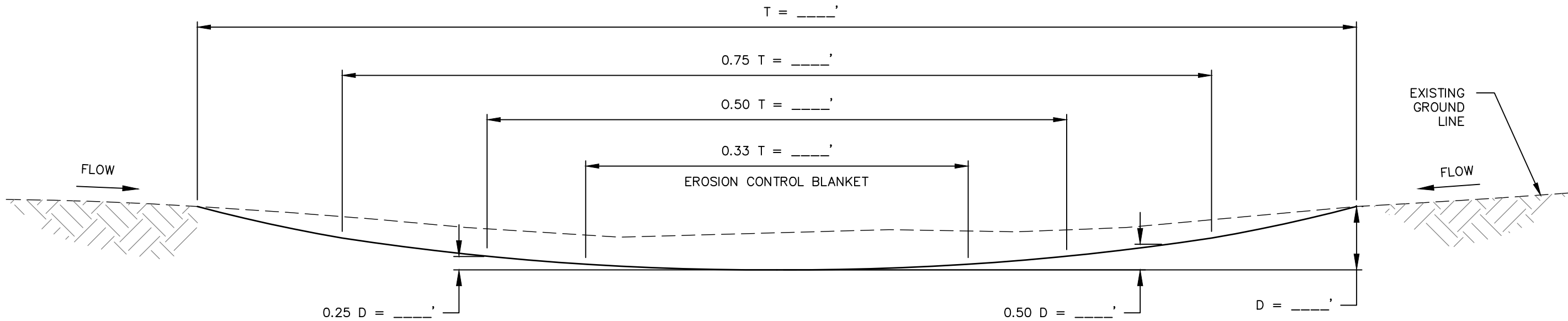
VT-412-001-2021


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of

<div>GRASSED WATERWAY PLAN – PROFILE</div> <div>VERMONT</div>		<div>HAZARD CLASS LOW</div> <div>JOB CLASS</div>	<div><div><div>United States Department of Agriculture Natural Resources Conservation Service</div></div><div><div><div>Designed</div><div>Drawn</div><div>Checked</div><div>Approved by</div></div><div><div></div><div>VT STANDARD DRAWING</div><div>1/1/2021</div></div></div></div>	<div>PLAN VIEW</div>
<div>PROFILE:</div> <div><div></div></div>				

TYPICAL PARABOLIC CROSS-SECTION



		United States Department of Agriculture	
HAZARD CLASS LOW		Natural Resources Conservation Service	
GRASSED WATERWAY SECTION DETAILS		JOB CLASS	
VERMONT			
File Name		Date	
Drawing Name		1/1/2021	
VT-412-001-2021		Designed	
		Drawn	
		Checked	
		Approved by	