

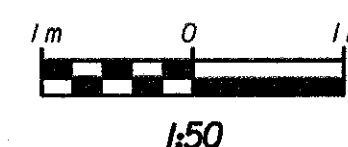
VERTICAL HEIGHT MULTIPLIED BY THE LENGTH OF THE TOE OF SLOPE SHALL BE USED AS THE MEASURE FOR PAYMENT FOR ITEM 612.20 REINFORCED SOIL SLOPE SEE SPECIAL PROVISIONS

**GEOGRID LAYOUT SCHEDULE**

GEOGRID LAYER NO.	GEOGRID SPACING	GEOGRID ELEV. REFERENCED TO LENGTH TOE OF SLOPE	GEOGRID LENGTH
1A	0	0	15.6 m
1B	387 mm	387 mm	15.6 m
1C	388 mm	775 mm	15.6 m
2	800 mm	1.575 m	15.0 m
3	800 mm	2.375 m	15.0 m
4	800 mm	3.175 m	15.0 m
5	800 mm	3.975 m	15.0 m
6	800 mm	4.775 m	15.0 m
7	800 mm	5.575 m	12.0 m
8	800 mm	6.375 m	12.0 m
9	N/A	7.175 m	12.0 m

NOTE:  
1. MAINTAIN 800 mm MIN. FROM TOP GEOGRID LAYER TO FINISHED GRADE. UPPER GEOGRID LAYERS SHALL BE DELETED WHERE EMBANKMENT HEIGHTS DO NOT ACCOMMODATE GEOGRID SPACING REQUIREMENTS.

**GEOGRID REINFORCED SOIL SLOPE DETAIL-ABUTMENT 2**



**NOTES:**

- PLACE SELECT GRANULAR BACKFILL IN 200 mm COMPACTED LIFTS. BACKFILL LIFTS SHALL BE COORDINATED WITH GEOGRID LAYER SPACING SUCH THAT GEOGRID IS PLACED BETWEEN BACKFILL LIFTS. GEOGRID LAYER ELEVATIONS ARE REFERENCED FROM THE TOE OF PROPOSED SLOPE.
- REINFORCE ALL EMBANKMENT SHOWN ON PLANS CONSTRUCTED AT SLOPE STEEPER THAN 1V TO 2H. MAXIMUM SLOPE SHALL BE 1V TO 1.5H.
- GEOGRID SHALL CONFORM TO THE SPECIFICATION FOR ITEM 612.20 REINFORCED SOIL SLOPE MATERIAL LONG TERM ALLOWABLE TENSILE STRENGTH ( $T_a$ ) SHALL BE A MINIMUM OF 19.5 kN/m.
- STONE FILL SHALL BE PAID FOR UNDER ITEM 613.11 AND 613.12, AND EXCAVATION UNDER ITEM 204.25. EROSION MATTING WILL BE PAID FOR UNDER ITEM 654.10 - EROSION MATTING. SEE SHEET BR400, PLAN AND ELEVATION, FOR LIMITS OF STONE FILL AREA WITHOUT STONE FILL WILL BE PROTECTED USING ITEM 654.10 - EROSION MATTING.

**LEGEND:**

- EARTH BORROW ITEM 203.30
- GRANULAR BORROW ITEM 203.32
- SELECT GRANULAR BACKFILL (INCLUDED IN ITEM 612.20)
- GEOGRID LAYER AND NUMBER

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	BENNINGTON	Bridge No.	BR400
Highway No.	VT. RTE. 9	Log Sta.	
		Surv. Sta.	14+140
VT. RTE. 9 OVER AIRPORT BROOK WEST			
GEOGRID DETAIL			
Designed By	M. QUINN	Drawn by	M. CUEVAS/B. WEATHERBY
Checked By	P. PERKINS	Bridge Design Supervisor	M. OLSTAD
	Date 11/01		Date 11/01
PROJECT	BENNINGTON-HOOSICK	PROJECT NO.	D.P.J. 0146(1)
I.G.C. Info.			
Bridge Sheet No.	BR402	Sheet	191 OF 473