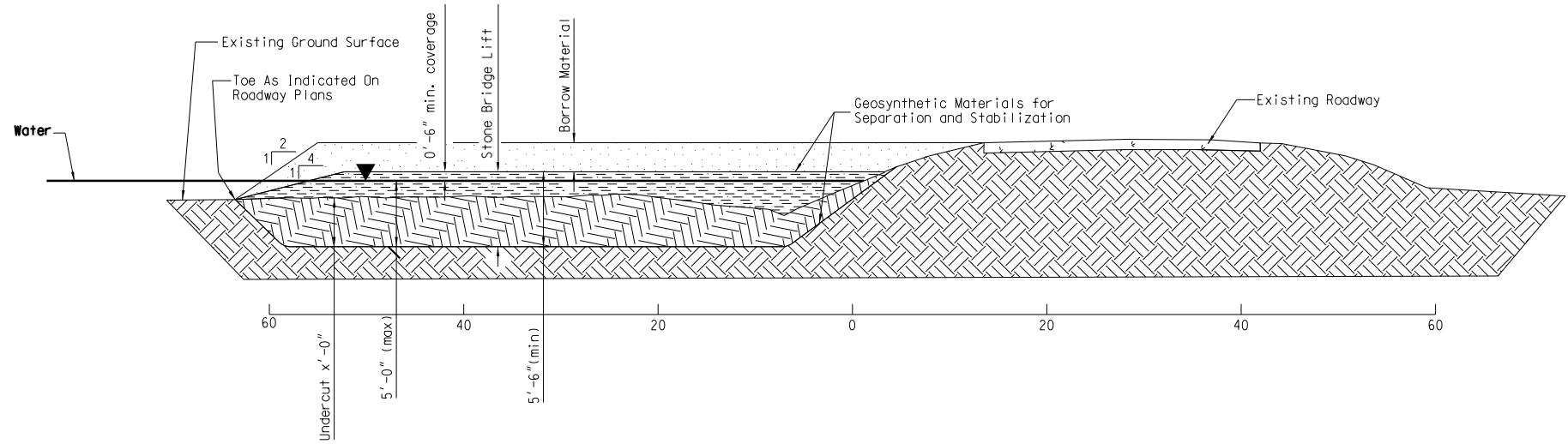
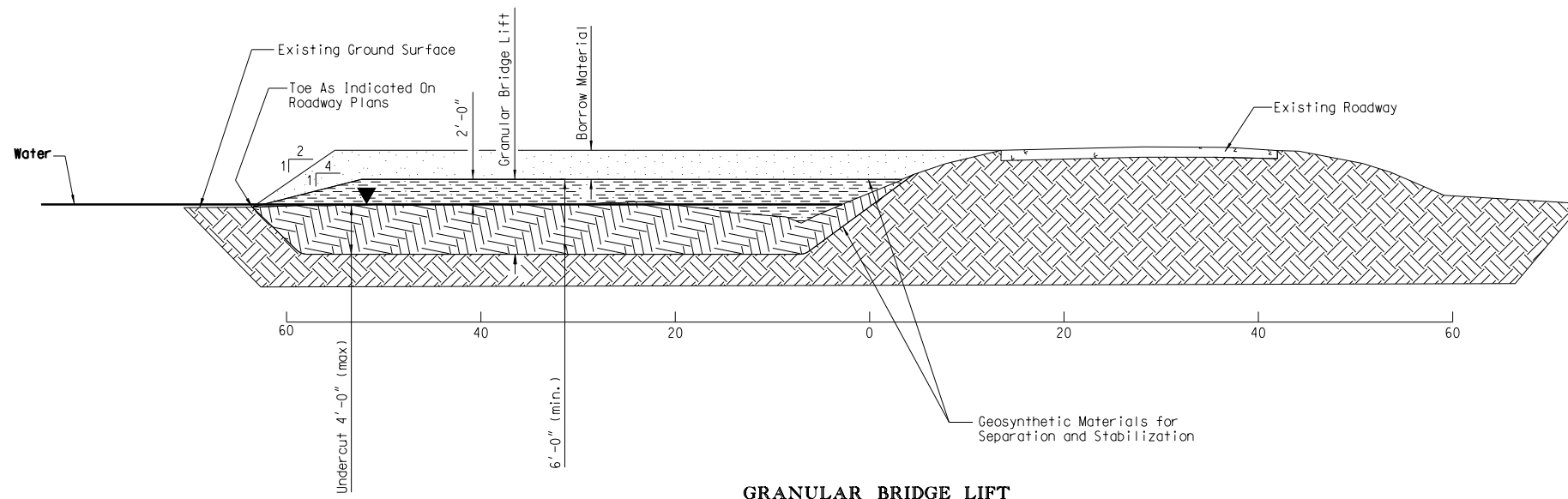


BORROW EXCAVATION BRIDGE LIFT



STONE BRIDGE LIFT



GRANULAR BRIDGE LIFT

- Muck Excavation**
- Muck excavation (undercut) is required from STA XX+XX to XX+XX, to depth of X feet beneath the existing ground surface. Properly dispose of muck excavation off-site or with prior written approval from the RCE at a previously selected location within the SCDOT right-of-way.
 - Place a stabilization geosynthetic having (moderate or high) survivability and meeting the requirements of Supplemental Technical Specification SC-M-203-1 - Geosynthetic Materials for Separation and Stabilization.
 - Place approximately 2 feet of borrow excavation bridge lift, in equal lifts with a lift thickness no greater than 1 foot.
Place approximately 5 feet of stone bridge lift, in equal lifts with a lift thickness no greater than 2 feet. The stone bridge lift should extend approximately 6 inches above the level of water surface.
Place approximately 4 feet of granular bridge lift, in equal lifts with a lift thickness no greater than 1-1/2 feet. The granular bridge lift should extend approximately 2 feet above the level of the water.
 - Tamp all bridge lifts between each lift.
 - Place a geotextile separator, meeting the requirements of SC-M-203-1 Geosynthetic Materials for Separation and Stabilization, between the stone bridge lift materials and the borrow excavation materials placed above the bridge lift.
 - Place properly compacted borrow excavation materials to achieve the lines and grades indicated on the plans.
 - Do not place bridge lift consisting of either borrow excavation material or granular bridge lift materials within 3 feet of the base of the pavement section. Place only properly compacted borrow excavation material or stone bridge lift materials within this zone.
 - The quantities with muck excavation, bridge lift materials and geosynthetic materials for separation and stabilization are for bid estimation purposes only.
 - See Supplemental Specification for Bridge Lift Materials.

Note to Designer:
This template drawing furnished for information only. The sample details provided on this drawing must be replaced with project specific details and the notes must be modified appropriately. If Borrow Excavation/ Bridge Lift is required on both sides of the roadway, please revise this plan accordingly. All drawings must be signed and sealed by a South Carolina Registered Professional Engineer when used.

LEGEND

	- Borrow Material
	- Undercut Soil
	- Bridge Lift
	- Existing Soil

REV.				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL GENERAL NOTES			
REV.							
REV.							
REVIEWED				FILE NO.	ROUTE	COUNTY	DWG. NO.
QUAN.				XX.XXXXXX	XXXXX	XXXXX	203-05
DR.	ACB	NEH	03-18				
DES.							
BY	CHK.	DATE					