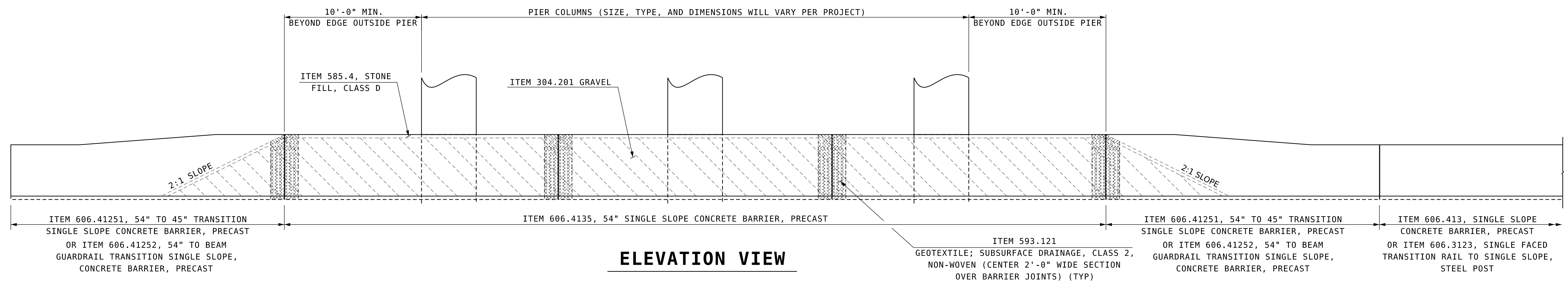


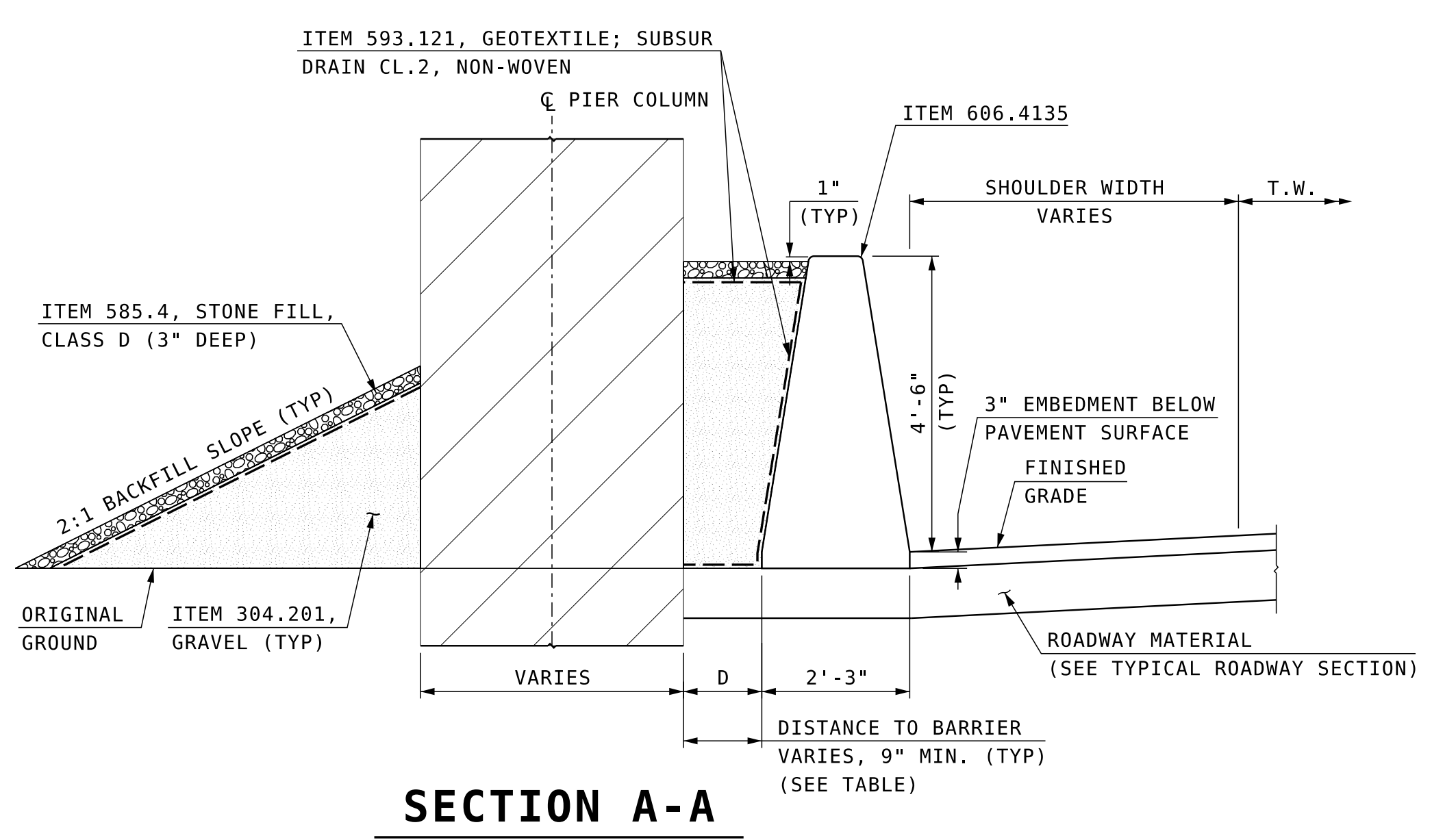
**PLAN VIEW**



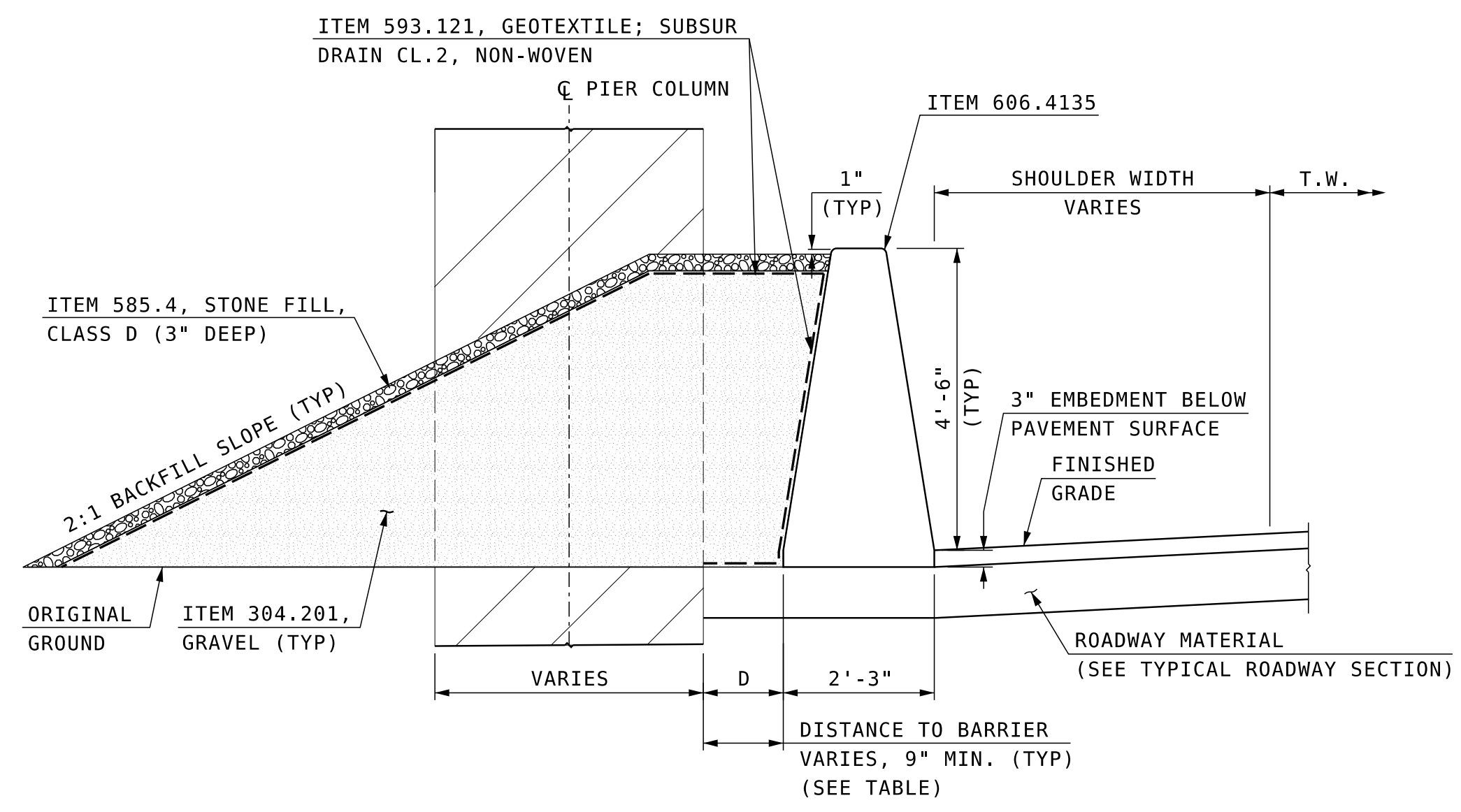
**ELEVATION VIEW**

**NOTE TO DESIGNER:**  
 IF THE PIER PROTECTION BARRIER DETAILS ARE NOT SIMILAR TO THE TYPICAL SECTION, ADDITIONAL PROJECT SPECIFIC DETAILS SIMILAR TO SECTION A-A AND B-B SHALL BE SHOWN ELSEWHERE ON THE PLANS WITH THE ACTUAL "D" DIMENSIONS, BARRIER TYPE, AND OTHER PROJECT SPECIFIC DETAILING.

DISTANCE TO BARRIER (D)	SINGLE SLOPE CONCRETE BARRIER DETAIL
$9" \leq D \leq 2 \text{ FT}$	54" SINGLE SLOPE CONCRETE BARRIER OR 54" SINGLE SLOPE CONCRETE BARRIER SINGLE-FACED
$2 \text{ FT} < D \leq 10 \text{ FT}$	54" SINGLE SLOPE CONCRETE BARRIER
$D > 10 \text{ FT}$	45" SINGLE SLOPE CONCRETE BARRIER (FILL BEHIND BARRIER NOT REQUIRED IF BOTH FRONT AND BACK OF BARRIER EMBEDDED WITH 3" MIN. PAVEMENT.)



**SECTION A-A**



**SECTION B-B**

**NOTES:**

- BARRIER LAYOUT SHOWN IS FOR PROTECTION OF PIERS, SHAFTS OR OTHER STRUCTURES LOCATED IN THE MEDIAN. FOR BARRIER DETAILS SEE SINGLE SLOPE CONCRETE BARRIER, PRECAST SHEET AND 54" TO BEAM GUARDRAIL TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST.
- THE 54" SINGLE SLOPE CONCRETE BARRIER SHALL EXTEND A MINIMUM 10'-0" BEYOND THE EDGE OF OUTSIDE PIER COLUMNS.
- FREE DRAINING MATERIAL, SAND, SHALL BE PLACED BEHIND THE CONCRETE BARRIER FOR THE FULL DEPTH. FLOWABLE FILL SHALL NOT BE PLACED BEHIND THE BARRIER.

STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN									
TOWN		BRIDGE NO.			STATE PROJECT				
LOCATION									
<b>PIER PROTECTION TYPE I (54" SS BARRIER)</b>									
REVISIONS AFTER PROPOSAL		BY	DATE	CHECKED	BY	DATE	BRIDGE SHEET		
		DESIGNED	NHDOT 2/13			2/13	XX OF		
		DRAWN	GMC 2/13	CHECKED	ABH	2/13	FILE NUMBER		
		QUANTITIES	XXX	CHECKED	XXX	XX/XX			
		ISSUE DATE	9/20/13	FEDERAL PROJECT NO.	SHEET NO.		TOTAL SHEETS		
		REV. DATE	12/26/22						

SUBDIRECTORY	.DGN LOCATOR	SHEET SCALE
PIER PROTECTION	54ss-type1-pier	AS NOTED