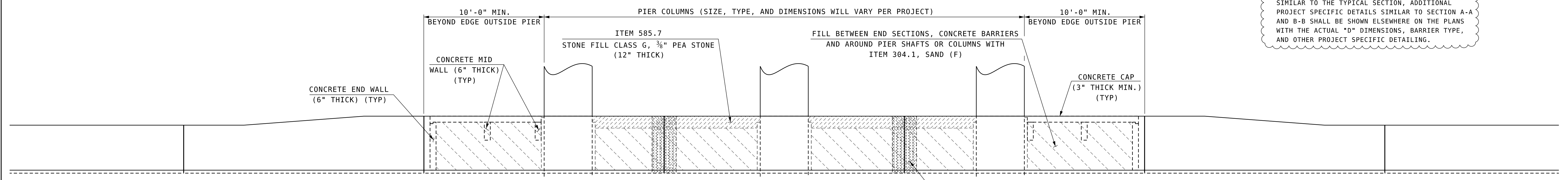


**PLAN VIEW**

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.



**ELEVATION VIEW**

ITEM 606.413, SINGLE SLOPE CONCRETE BARRIER, PRECAST  
 OR ITEM 606.3123, SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST

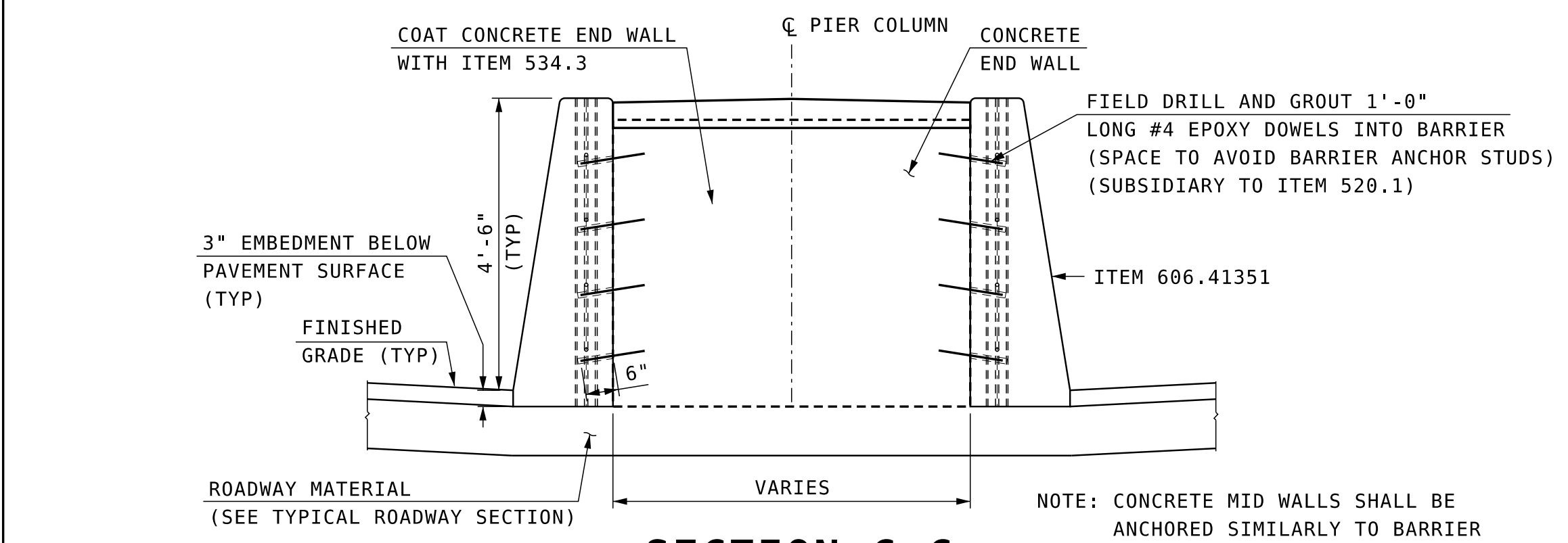
ITEM 606.41251, 54" TO 45" TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST  
 OR ITEM 606.41252, 54" TO BEAM GUARDRAIL TRANSITION SINGLE SLOPE, CONCRETE BARRIER, PRECAST

ITEM 606.41351, 54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST

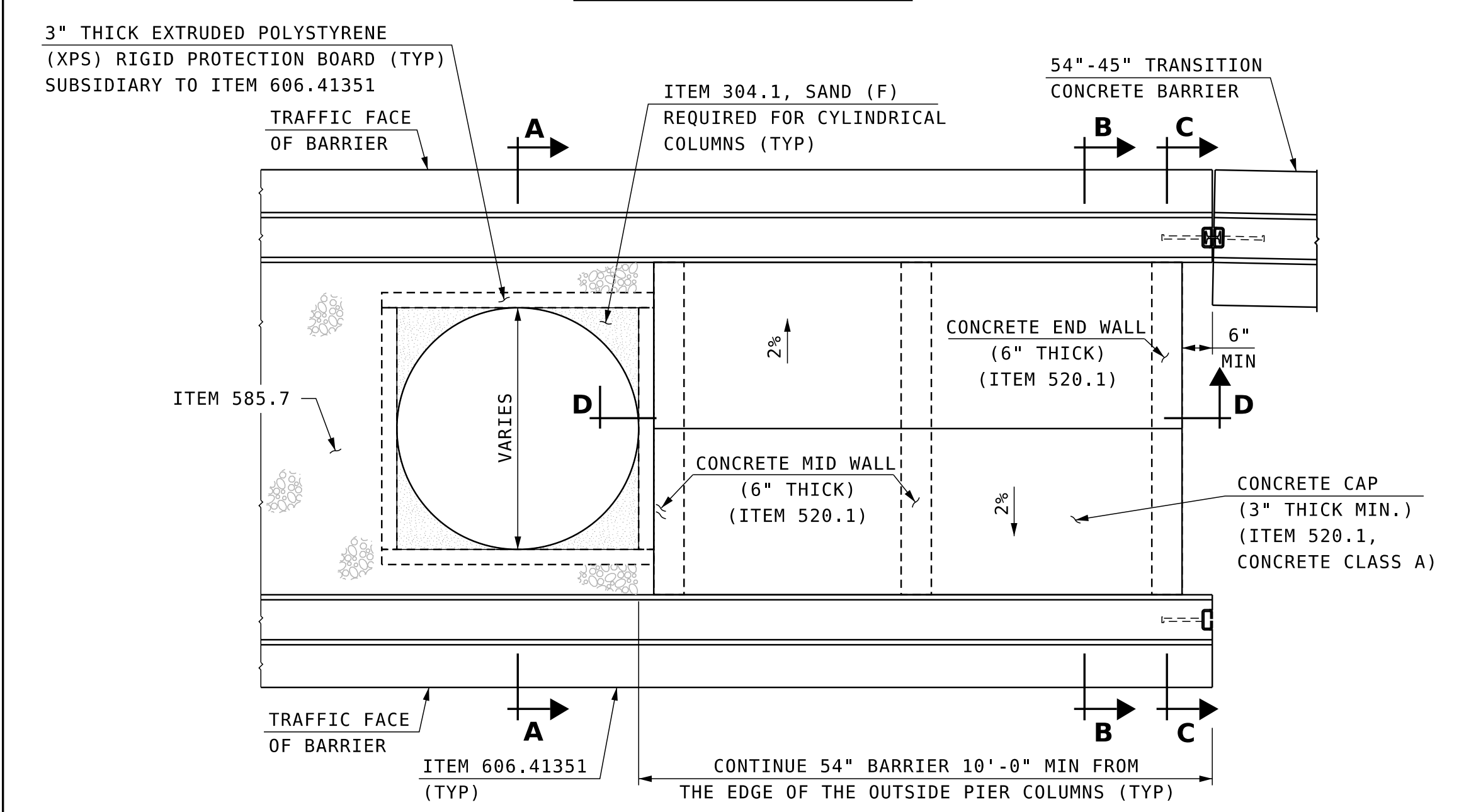
ITEM 593.121  
 GEOTEXTILE; SUBSURFACE DRAINAGE, CLASS 2, NON-WOVEN (CENTER 2'-0" WIDE SECTION OVER BARRIER JOINTS) (TYP)

ITEM 606.41251, 54" TO 45" TRANSITION SINGLE SLOPE CONCRETE BARRIER, PRECAST  
 OR ITEM 606.41252, 54" TO BEAM GUARDRAIL TRANSITION SINGLE SLOPE, CONCRETE BARRIER, PRECAST

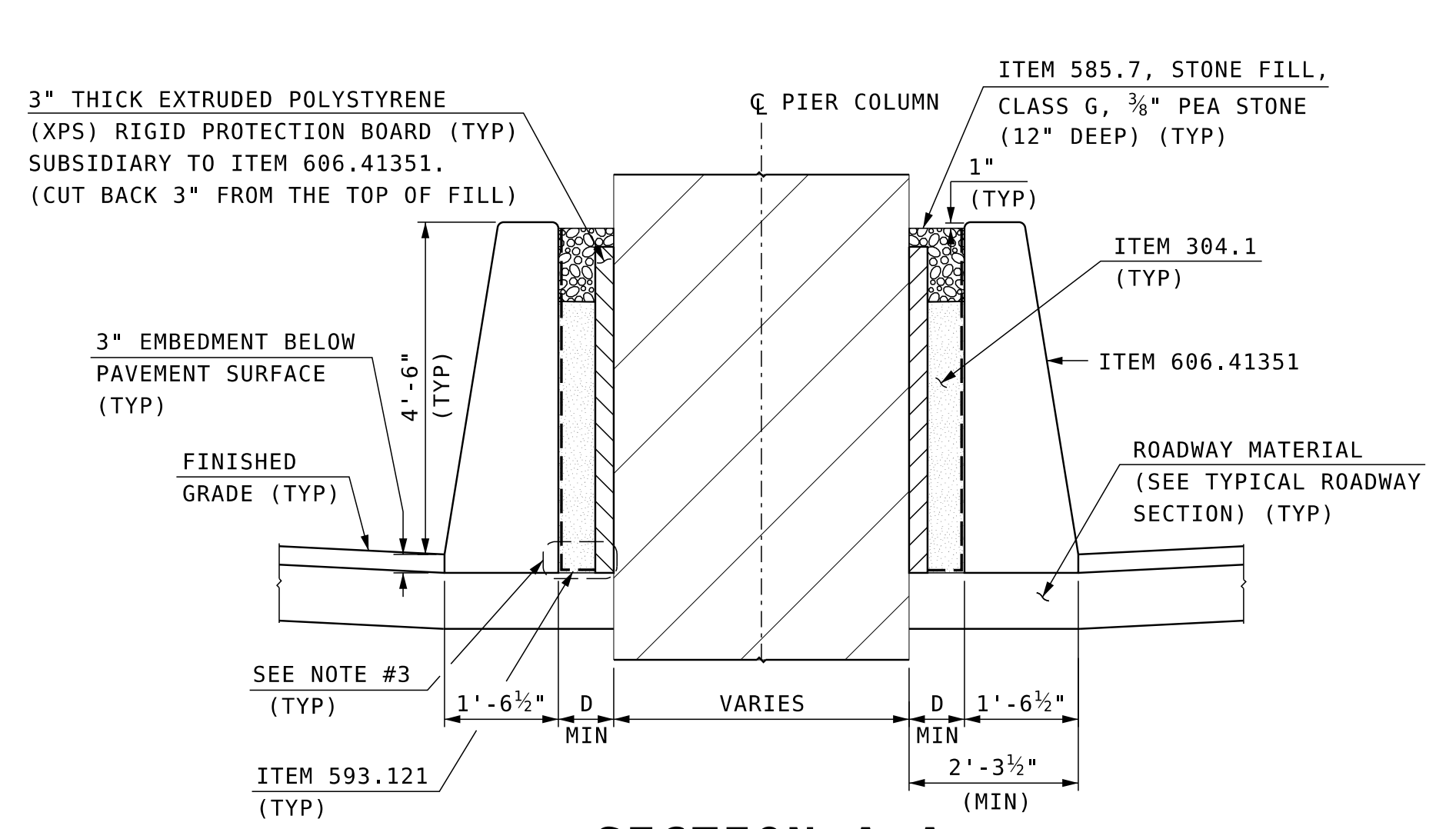
ITEM 606.413, SINGLE SLOPE CONCRETE BARRIER, PRECAST  
 OR ITEM 606.3123, SINGLE FACED TRANSITION RAIL TO SINGLE SLOPE, STEEL POST



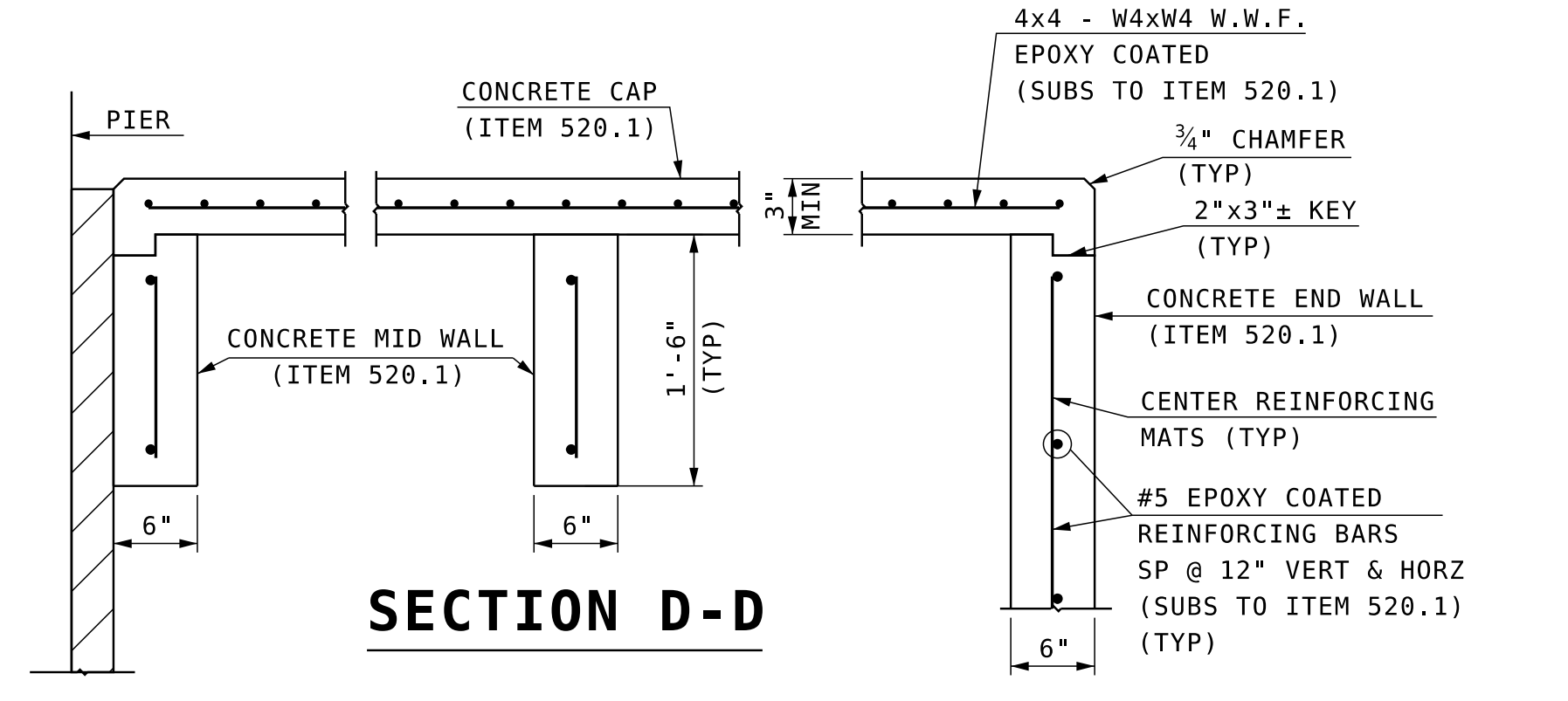
**SECTION C-C**



**PIER COLUMN PARTIAL PLAN VIEW**



**SECTION A-A**



**SECTION D-D**

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

**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, SINGLE-FACED, 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 PROTEC. TYPE II (54"SS BARRIER, SF)</b>									
REVISIONS AFTER PROPOSAL		BY	DATE	BY	DATE	BRIDGE SHEET			
		DESIGNED	NHDOT 2/13	CHECKED	NHDOT 2/13	XX OF			
		DRAWN	GMC 2/13	CHECKED	ABH 2/13	FILE NUMBER			
		QUANTITIES	XXX XX/XX	CHECKED	XXX XX/XX				
		ISSUE DATE	8/8/19	FEDERAL PROJECT NO.		SHEET NO.	TOTAL SHEETS		
		REV. DATE	12/26/22						

SUBDIRECTORY	.DGN LOCATOR	SHEET SCALE
PIER PROTECTION	54ss-sf-type2-pier	AS NOTED