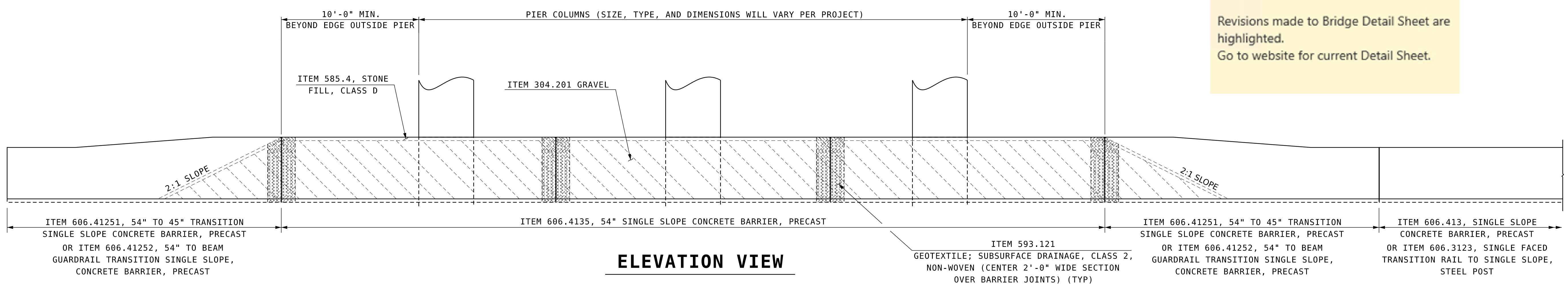


PLAN VIEW

NHDOT Bridge Design
7/31/2023

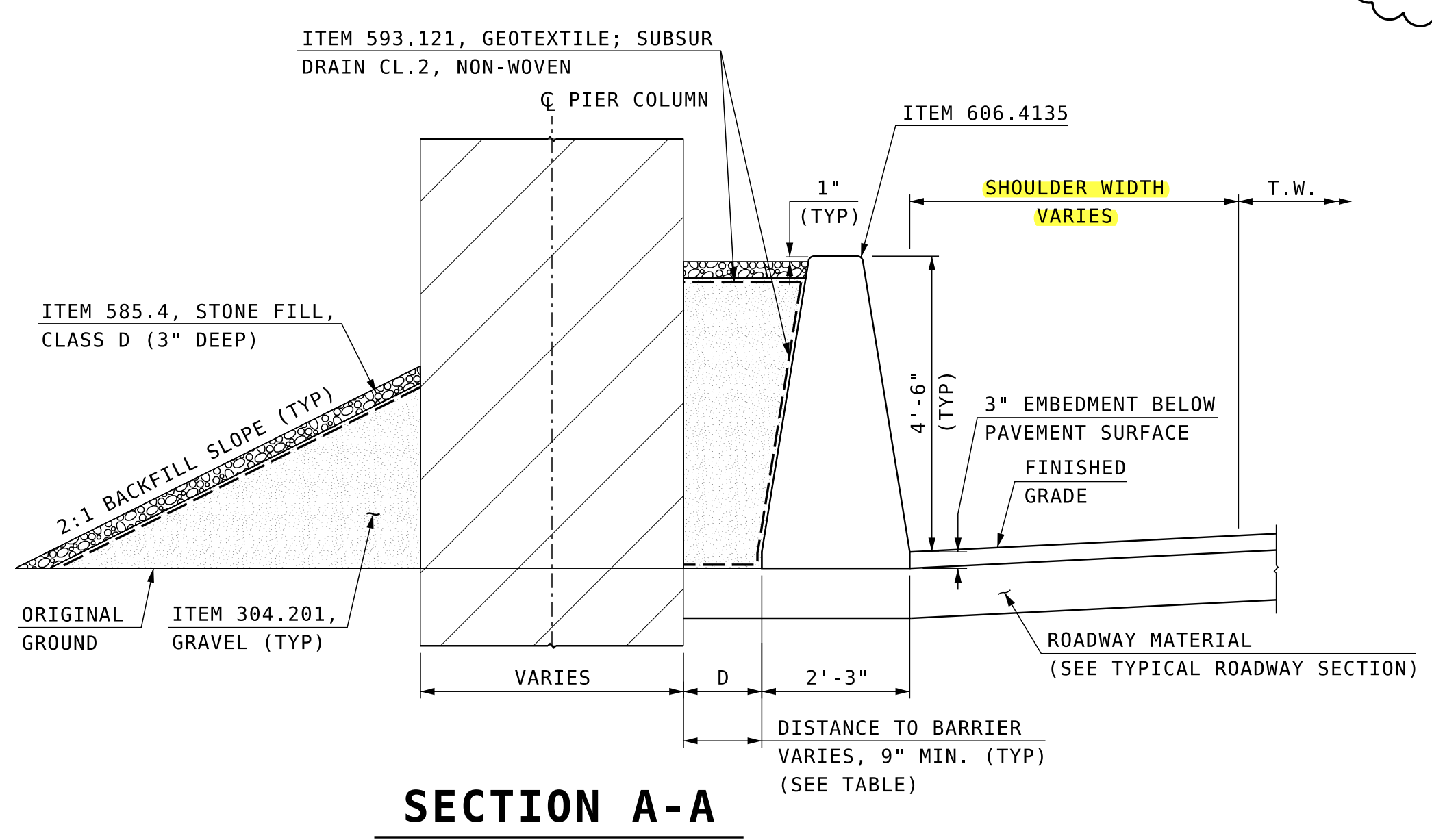
Revisions made to Bridge Detail Sheet are highlighted.
Go to website for current Detail Sheet.



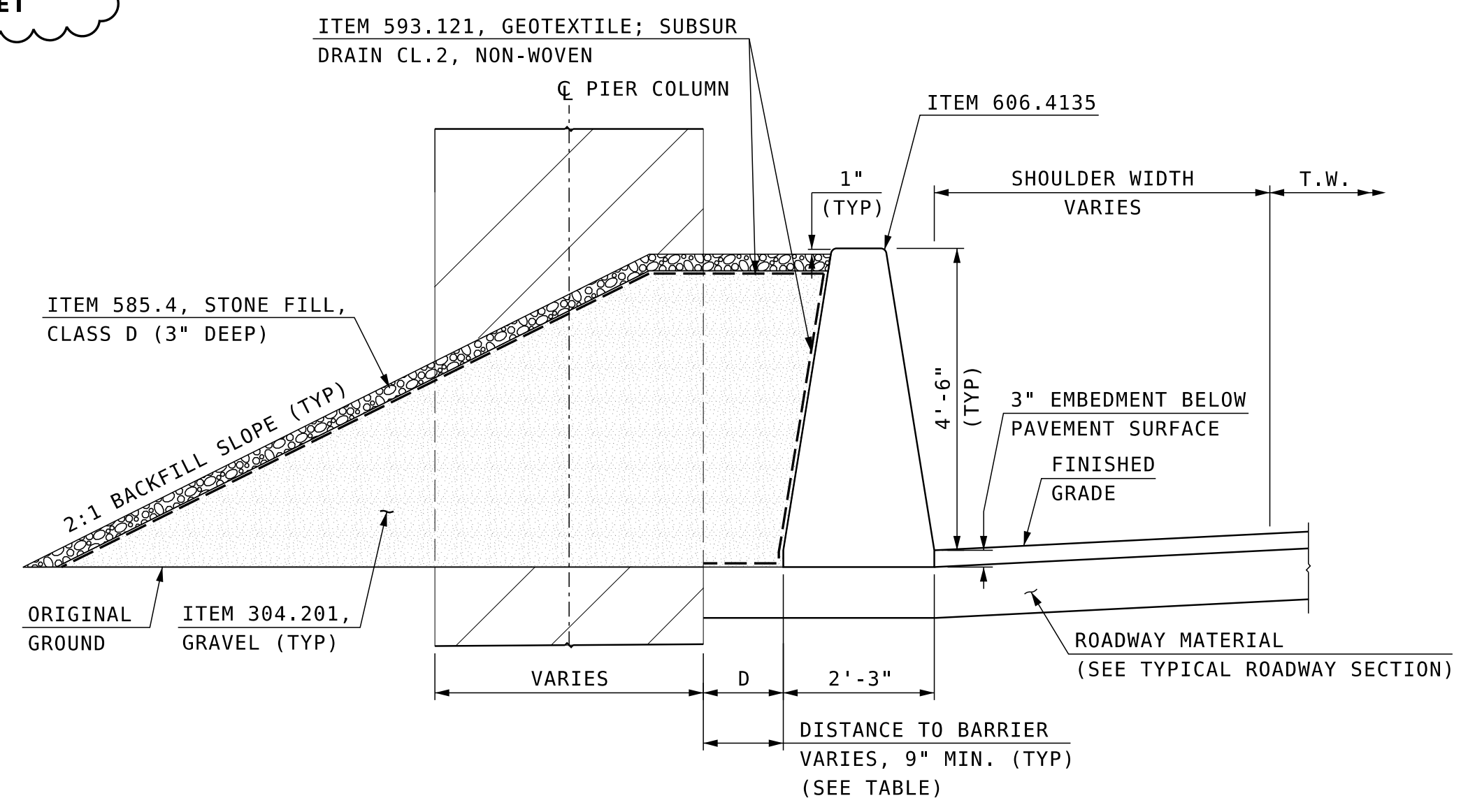
ELEVATION VIEW

NO MODIFICATIONS SHOULD BE MADE TO THIS SHEET

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.)



SECTION A-A



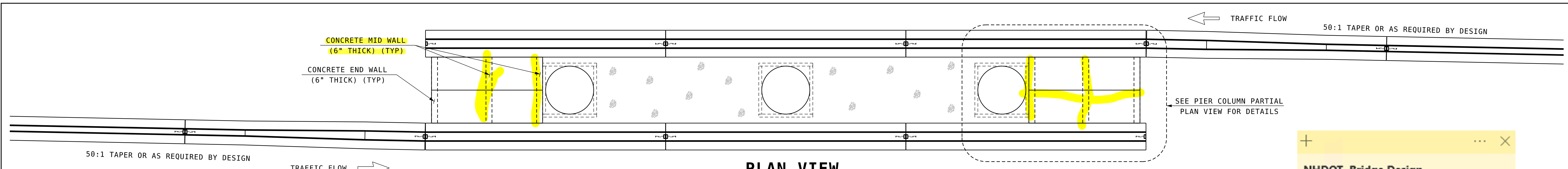
SECTION B-B

NOTES:

- BARRIER LAYOUT SHOWN IS FOR PROTECTION OF PIERS, SHAFTS OR OTHER STRUCTURES LOCATED IN THE MEDIAN OR THE NON-MEDIAN SIDE OF ROADWAY. FOR BARRIER DETAILS SEE SHEETS FOR 54" SINGLE SLOPE CONCRETE BARRIER, PRECAST OR 54" SINGLE SLOPE CONCRETE BARRIER, SINGLE-FACED, PRECAST.
- THE 54" SINGLE SLOPE CONCRETE BARRIER SHALL EXTEND A MINIMUM 10'-0" BEYOND THE EDGE OF OUTSIDE PIER COLUMNS.
- FREE DRAINING MATERIAL, GRAVEL, 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									
PIER PROTECTION TYPE I (54" SS BARRIER)									
REVISIONS AFTER PROPOSAL		BY	DATE	BY	DATE	BRIDGE SHEET			
		NHDOT	2/13	NHDOT	2/13	XX OF			
		GMC	2/13	ABH	2/13	FILE NUMBER			
		XXX	XX/XX	XXX	XX/XX				
		ISSUE DATE 9/20/13		FEDERAL PROJECT NO.		SHEET NO.		TOTAL SHEETS	
		REV. DATE 7/31/23							

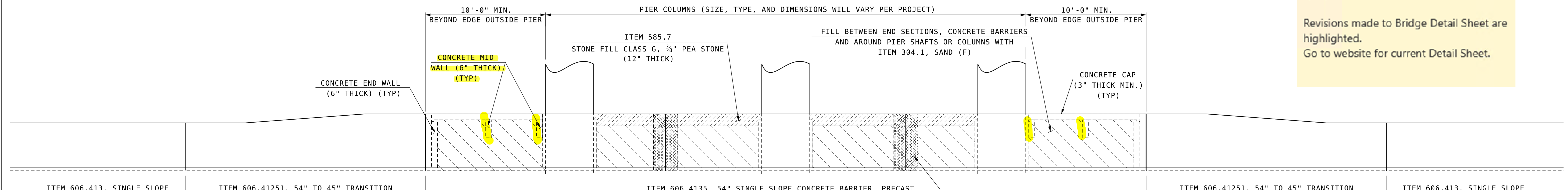
SUBDIRECTORY	.DGN LOCATOR	SHEET SCALE
PIER PROTECTION	54SS-TYPE I-PIER	AS NOTED



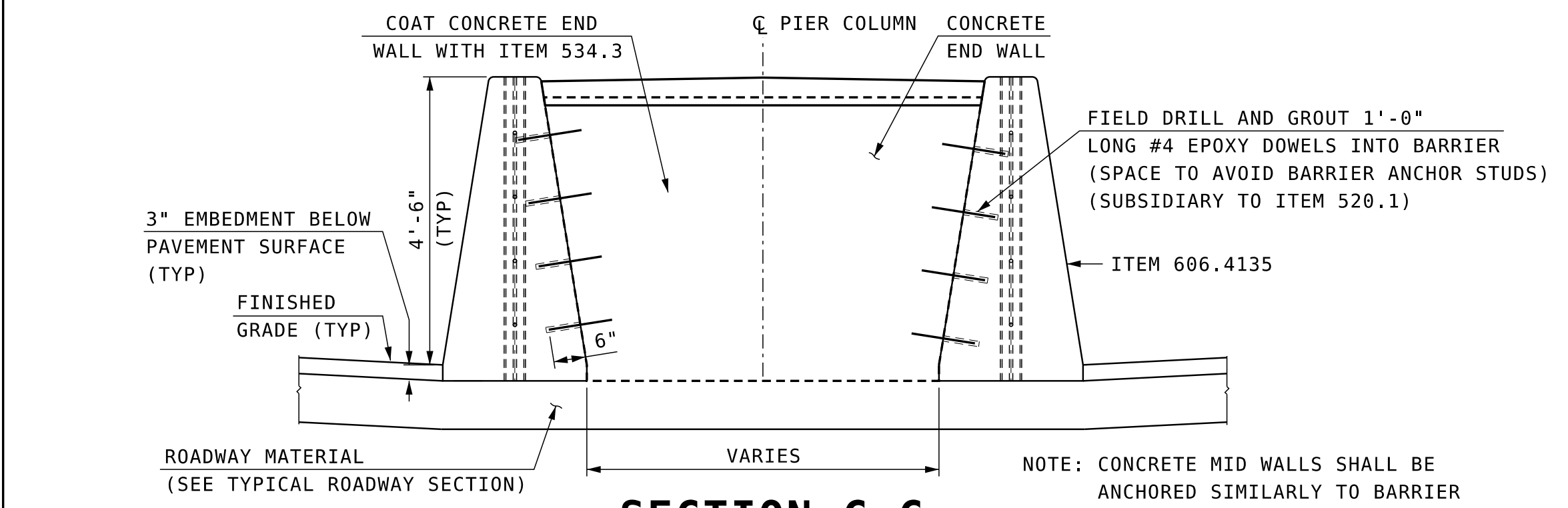
PLAN VIEW

NHDOT Bridge Design
7/31/2023

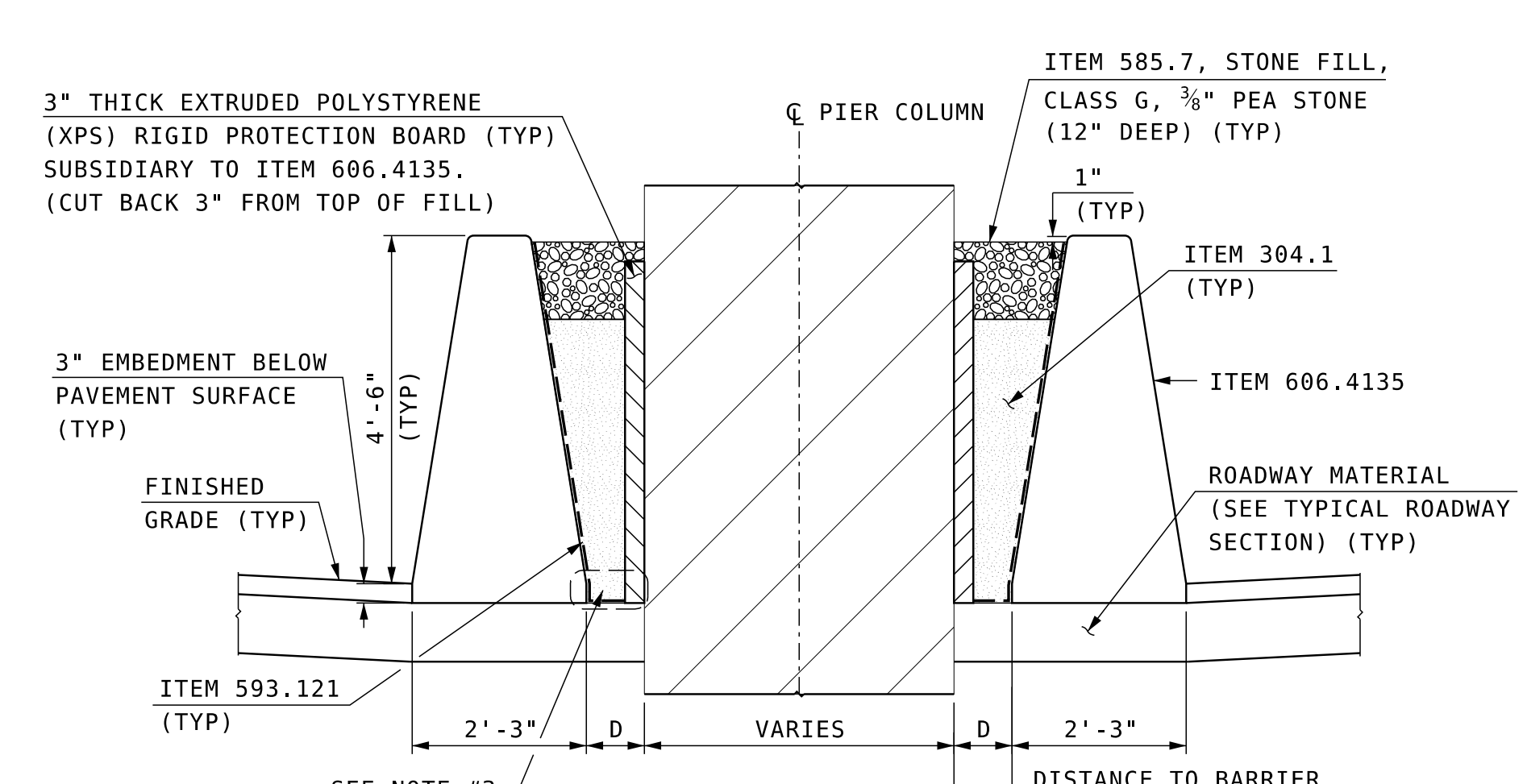
Revisions made to Bridge Detail Sheet are highlighted.
Go to website for current Detail Sheet.



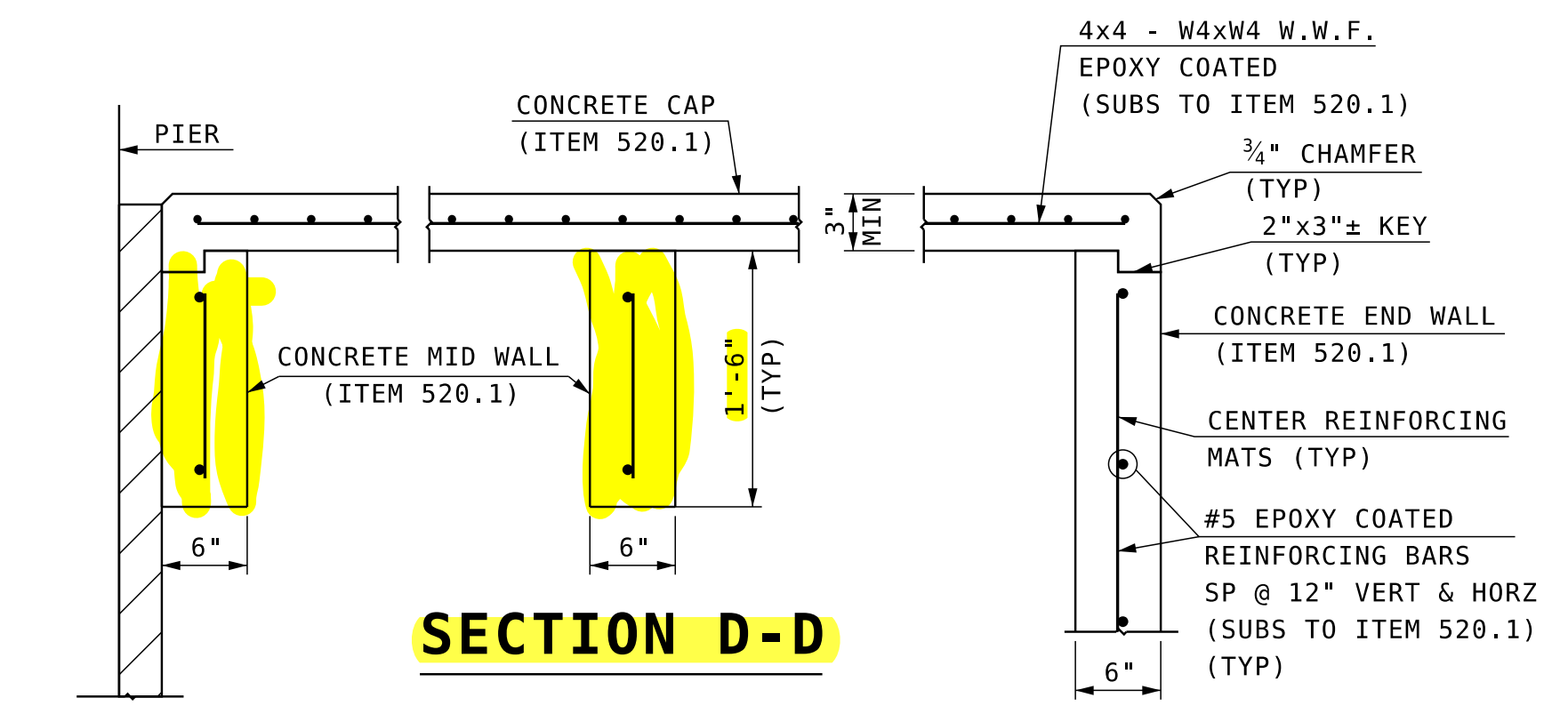
ELEVATION VIEW



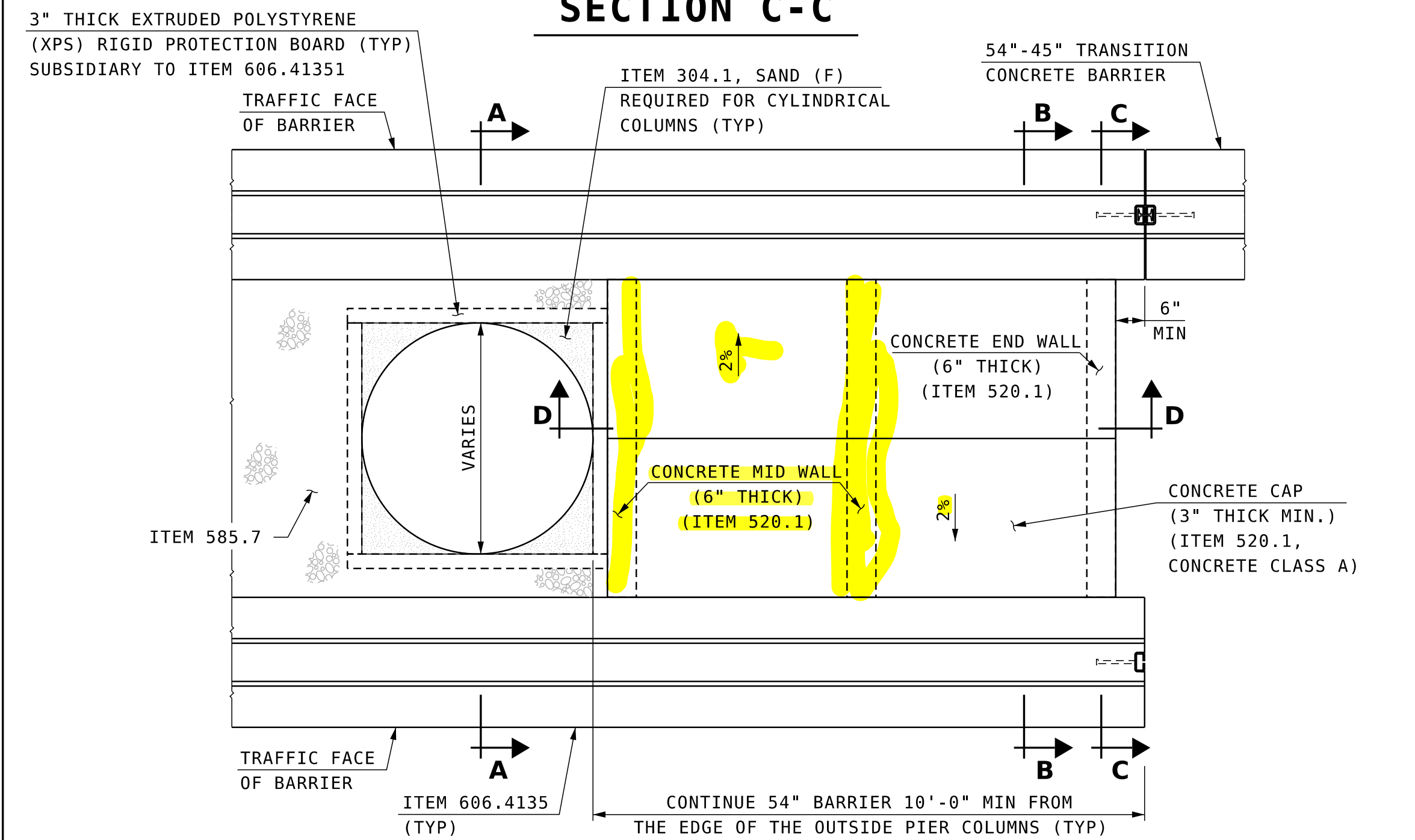
SECTION C-C



SECTION A-A



SECTION D-D



PIER COLUMN PARTIAL PLAN VIEW

NO MODIFICATIONS SHOULD BE MADE TO THIS SHEET

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 54" SINGLE SLOPE CONCRETE BARRIER, PRECAST SHEET.
- 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											BRIDGE SHEET
PIER PROTECTION TYPE II (54"SS BARRIER)											XX OF
REVISIONS AFTER PROPOSAL		BY	DATE	CHECKED	BY	DATE					
		NHDOT	2/13		NHDOT	2/13	FILE NUMBER				
		GMC	2/13		ABH	2/13					
		QUANTITIES	XXX	XX/XX	CHECKED	XXX	XX/XX				
		ISSUE DATE	9/20/13	FEDERAL PROJECT NO.	SHEET NO.	TOTAL SHEETS					
		REV. DATE	7/31/23								

SUBDIRECTORY	.DGN LOCATOR	SHEET SCALE
PIER PROTECTION	54SS-TYPE II-PIER	AS NOTED