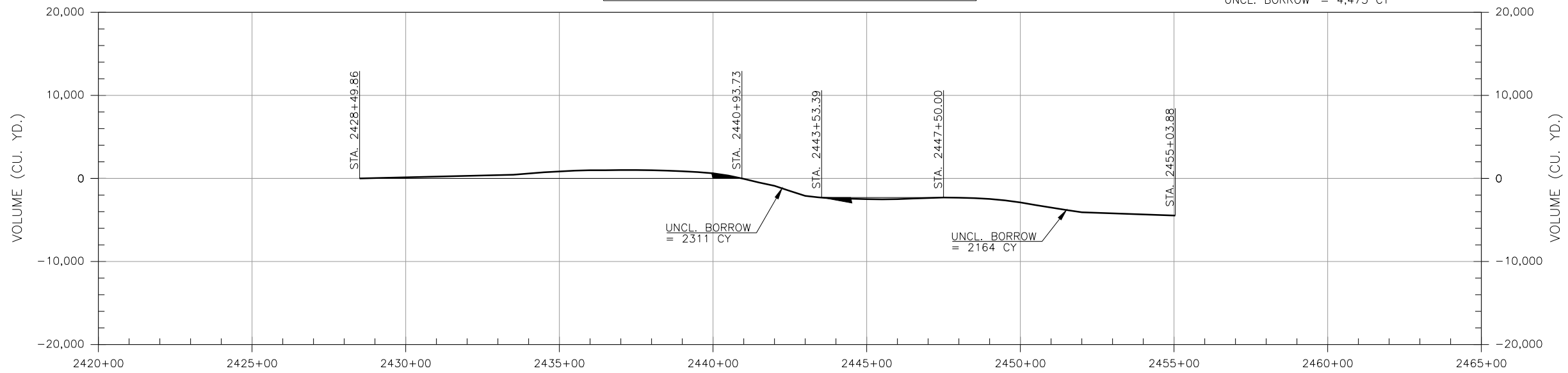


DESCRIPTION	REVISIONS	DATE

**MASS DIAGRAM
PHASE 1 (DETOUR) TOTAL VOLUME**

PHASE 1 (DETOUR) EARTHWORK ESTIMATE
STA. 2428+49.86 TO STA. 2455+03.88

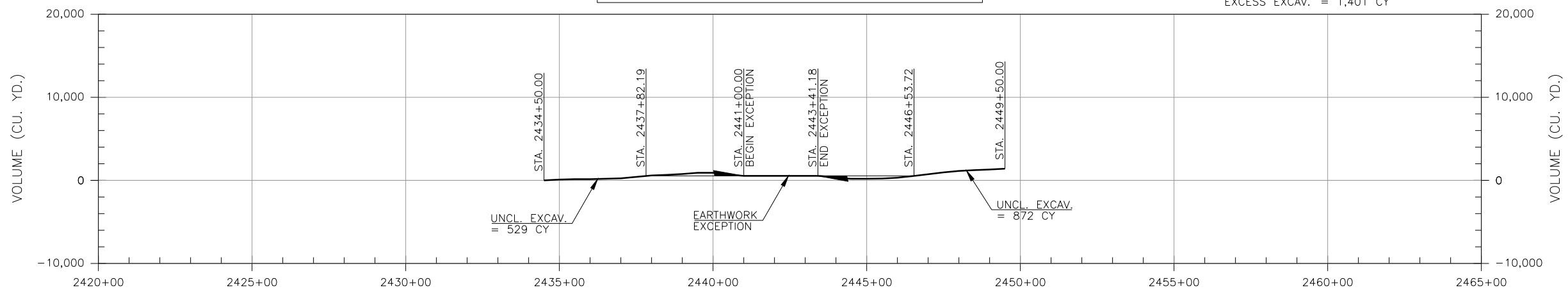
UNCL. EXCAV. = 1,987 CY
EMB. + 15% = 6,462 CY
UNCL. BORROW = 4,475 CY



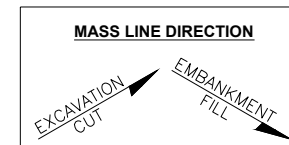
**MASS DIAGRAM
PHASE 2 (MAINLINE) TOTAL VOLUME**

PHASE 2 (MAINLINE) EARTHWORK ESTIMATE
STA. 2434+50.00 TO STA. 2449+50.00

UNCL. EXCAV. = 3,882 CY
EMB. + 15% = 2,481 CY
EXCESS EXCAV. = 1,401 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.



FILENAME: 7A MASS DIAGRAM (SHEET 2 OF 2).DWG

DESIGN	SH-34 OVER N. PERSIMMON CREEK	WOODWARD COUNTY
DRAWN		
CHECKED		
CEC	STATE JOB NO. 28827(04)	SHEET NO. 7

**MASS DIAGRAM
(SHEET 1 OF 2)**