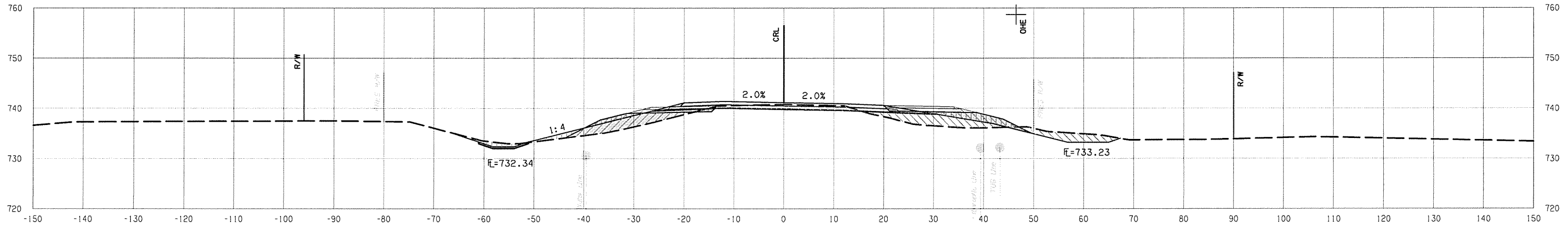


CONSTRUCTION FOR DETOURS  
 E=123.45 PERMANENT FLOWLINE  
 E=123.45 TEMPORARY FLOWLINE

CONSTRUCTION PHASE 1  
 CONSTRUCTION PHASE 2  
 CONSTRUCTION PHASE 3

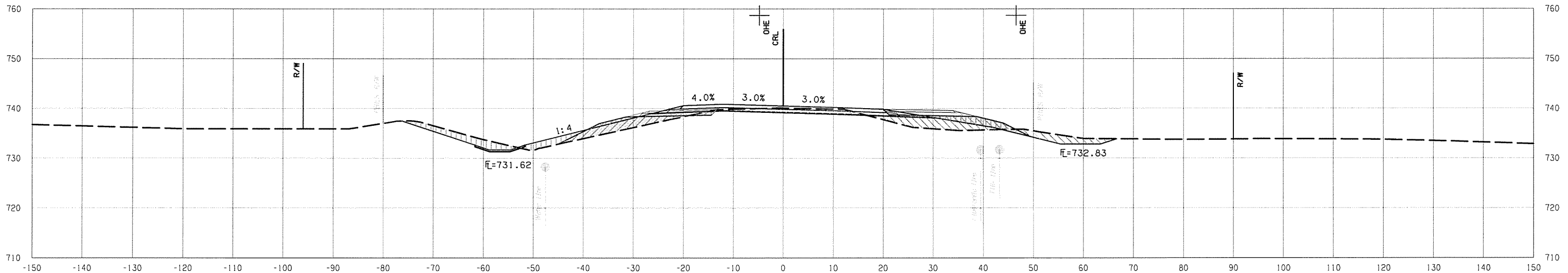
NOTE: EXISTING UTILITIES SHOWN AT AN ESTIMATED DEPTH OF 4.00' BELOW EXISTING GROUND AT THE SURVEYED HORIZONTAL LOCATION.



AREA	PHASE I	PHASE II	PHASE III
CUT	1.89 S.F.	35.19 S.F.	41.53 S.F.
FILL	45.91 S.F.	63.84 S.F.	12.68 S.F.

FG= 741.19  
 REVERSE CROWN  
 146 + 84.24

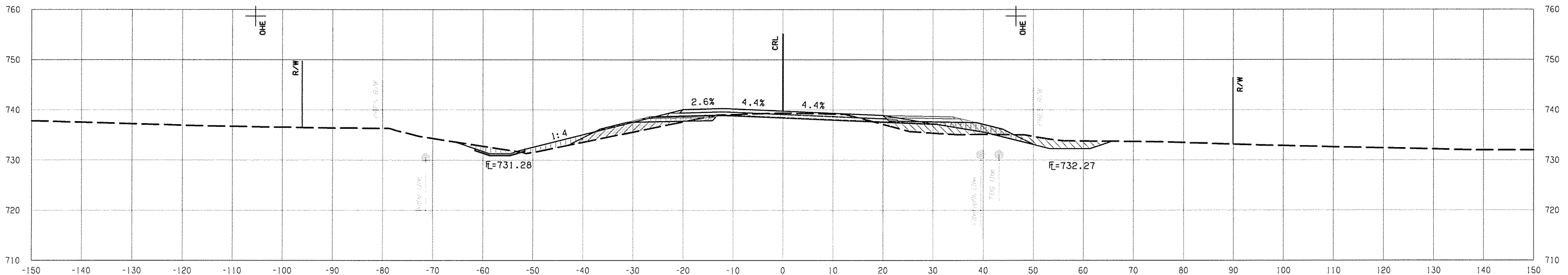
VOLUME	PHASE I	PHASE II	PHASE III
CUT	2.83 C.Y.	44.94 C.Y.	65.29 C.Y.
FILL	63.12 C.Y.	91.49 C.Y.	26.88 C.Y.



AREA	PHASE I	PHASE II	PHASE III
CUT	2.44 S.F.	33.51 S.F.	58.26 S.F.
FILL	37.98 S.F.	57.76 S.F.	23.05 S.F.

FG= 740.54  
 END SHOULDER ROLL LT  
 146 + 48.91

VOLUME	PHASE I	PHASE II	PHASE III
CUT	4.78 C.Y.	64.85 C.Y.	87.15 C.Y.
FILL	71.46 C.Y.	109.62 C.Y.	53.41 C.Y.



AREA	PHASE I	PHASE II	PHASE III
CUT	2.84 S.F.	38.10 S.F.	37.96 S.F.
FILL	30.63 S.F.	47.47 S.F.	28.22 S.F.

FG= 739.76  
 146 + 00.00

VOLUME	PHASE I	PHASE II	PHASE III
CUT	3.24 C.Y.	42.15 C.Y.	41.31 C.Y.
FILL	31.59 C.Y.	56.52 C.Y.	30.22 C.Y.