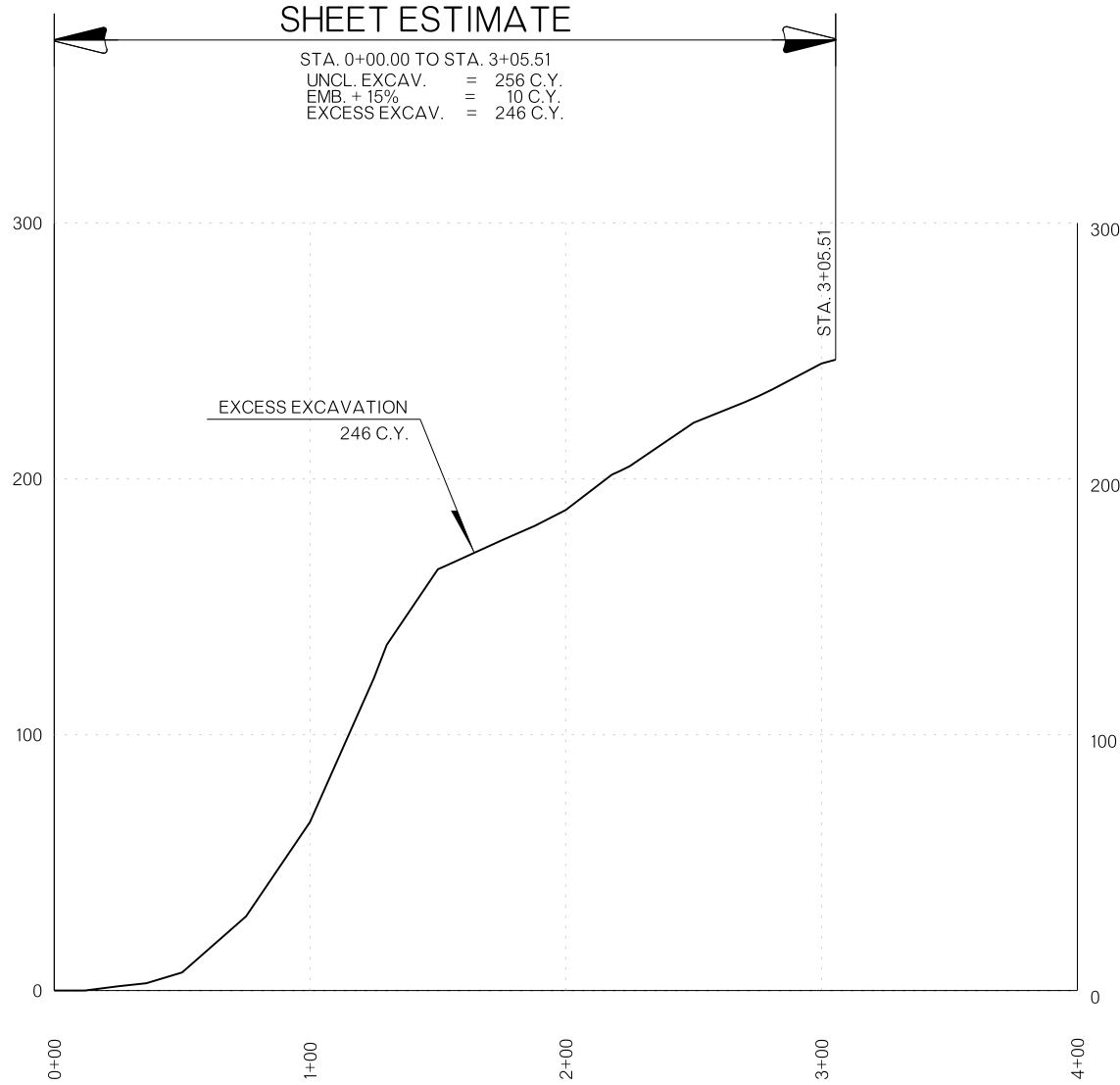


SHEET ESTIMATE

STA. 0+00.00 TO STA. 3+05.51
 UNCL. EXCAV. = 256 C.Y.
 EMB. + 15% = 10 C.Y.
 EXCESS EXCAV. = 246 C.Y.



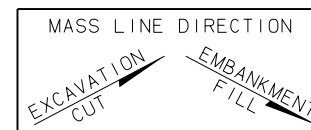
LOWER NOBLE

SUMMARY OF EARTHWORK QUANTITIES

STATION TO STATION	UNCLASSIFIED EXCAVATION 202(A)	EMBANKMENT +15%	EXCESS EXCAVATION	UNCLASSIFIED BORROW 202(D)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.
PHASE ONE				
STA. 1518+20.00 TO STA. 1563+16.00	4,141	15,438		11,297
PHASE TWO				
STA. 1518+20.00 TO STA. 1562+89.15	2,192	17,281		15,089
2ND ST.				
STA. 1+45.00 TO STA. 2+83.06	1,399	9	1,390	
5TH ST.				
STA. 1+27.12 TO STA. 2+96.00	2,790	37	2,753	
LOWER NOBLE				
STA. 0+00.00 TO STA. 3+05.51	256	10	246	
TOTAL	10,778	32,775	4,389	26,386

■ THIS MATERIAL WILL BECOME THE PROPERTY OF AND DISPOSED BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER

MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CHARACTER 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.



DESIGN	MIRB	6/16
DRAWN	MIRB	6/16
CHECKED		
APPROVED		
SQUAD	GREEN	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM

STATE JOB NO. 21860(04) SHEET NO. R019