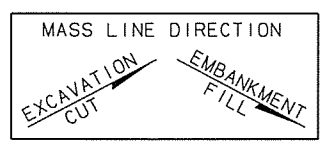


| SUMMARY OF EARTHWORK | | | | | |
|---|--------------------------------|-----------------|-------------------|----------------------------|-----------|
| STATION TO STATION | UNCLASSIFIED EXCAVATION 202(A) | EMBANKMENT +15% | EXCESS EXCAVATION | UNCLASSIFIED BORROW 202(D) | WASTE |
| | CY | CY | CY | CY | CY |
| PHASE 1 - STA. 109+00.00 TO STA. 128+60.00 | 3,697.26 | 99,460.50 | 0.00 | 95,763.24 | 0.00 |
| PHASE 2A - STA. 104+00.00 TO STA. 109+96.19 | 183.62 | 4,228.18 | 0.00 | 4,044.56 | 0.00 |
| PHASE 2B - STA. 125+91.15 TO STA. 146+00.00 | 2,871.34 | 3,534.26 | 0.00 | 662.92 | 0.00 |
| PHASE 3 - STA. 104+00.00 TO STA. 139+25.00 | 20,619.32 | 15,069.14 | 0.00 ● | 9,160.61 | 14,731.94 |
| PHASE 4A - STA. 104+00.00 TO STA. 110+00.00 | 2,419.82 | 449.41 | 0.00 ▲ | 0.00 | 1,970.41 |
| PHASE 4B - STA. 128+50.00 TO STA. 146+00.00 | 7,643.29 | 2,157.57 | 0.00 ■ | 0.00 | 5,485.72 |
| TOTALS | 37,434.65 | | | 109,631.33 | 22,188.07 |

- EXCESS EXCAV. REDUCED BY 14,731.94 CY TO WASTE.
- ▲ EXCESS EXCAV. REDUCED BY 1,970.41 CY TO WASTE.
- EXCESS EXCAV. REDUCED BY 5,485.72 CY TO WASTE.

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 | SCM |
| DRAWN | SCM |
| CHECKED | |
| APPROVED | |
| SQUAD | HAMILTON |

MASS DIAGRAM