

Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BR-0109

COUNTY: Yadkin

DATE: 3/19/2020

COMPILED BY: MTP

SHEET ___ OF ___ SHEETS

| STATION | STATION | EXCAVATION | | | | | EMBANKMENT | | | | BORROW | WASTE | | | |
|---|--------------------------------|----------------|------|----------|------------------|-------------------|------------|------|-------|--------------|--------|-------|----------|---------|-------|
| | | TOTAL UNCLASS. | ROCK | UNDERCUT | UNSUIT. UNCLASS. | SUITABLE UNCLASS. | TOTAL | ROCK | EARTH | EMBANK. +15% | | ROCK | SUITABLE | UNSUIT. | TOTAL |
| -L- 27+10.00 | -L- 28+22.88 (BEGIN BRIDGE) | 80 | | | | 80 | 144 | | 144 | 166 | 86 | | | | |
| | SUBTOTAL | 80 | | | | 80 | 144 | | 144 | 166 | 86 | | | | |
| -L- 28+85.13 (END BRIDGE) | -L- 30+50.00 | 34 | | | | 34 | 97 | | 97 | 112 | 78 | | | | |
| | SUBTOTAL | 34 | | | | 34 | 97 | | 97 | 112 | 78 | | | | |
| | TOTAL | 114 | | | | 114 | 241 | | 241 | 278 | 164 | | | | |
| MATERIAL FOR SHOULDER CONSTRUCTION | | | | | | | | | | | | | | | |
| LOSS DUE TO CLEARING & GRUBBING | | | | | | | | | | | | | | | |
| ADDITIONAL UNDERCUT | | | | | | | | | | | | | | | |
| WASTE IN LIEU OF BORROW | | | | | | | | | | | | | | | |
| | PROJECT TOTAL | 114 | | | | 114 | 241 | | 241 | 278 | 164 | | | | |
| EST. 5% TO REPLACE TOP SOIL ON BORROW PIT | | | | | | | | | | | 8 | | | | |
| | GRAND TOTAL | 114 | | | | 114 | 241 | | 241 | 278 | 172 | | | | |
| | SAY | 120 | | | | | | | | | 190 | | | | |

NOTE: EARTHWORK QUANTITIES ARE CALCULATED BY ms consultants. THESE EARTHWORK QUANTITIES ARE BASED IN PART ON SUBSURFACE DATA PROVIDED BY THE GEOTECHNICAL ENGINEERING UNIT.

EST. DDE = 120 CUBIC YARDS

EST. SHALLOW UNDERCUT = 100 CUBIC YARDS

PER GEOTECH RECOMMENDATION, ESTIMATED 450 CUBIC YARDS OF UNDERCUT TO BE USED IN THE DISCRETION OF THE RESIDENT ENGINEER.