

# Earthwork Balance Sheet

Volumes in Cubic Yards

PROJECT: BP7.R001 COUNTY: Rockingham DATE: 1/22/2026 COMPILED BY: PJJ SHEET   OF   SHEETS

| LINE       | STATION  | STATION                                   | EXCAVATION     |      |          |                  | EMBANKMENT        |        |      |        | BORROW | WASTE        |      |          |         |        |
|------------|----------|---|----------------|------|----------|------------------|-------------------|--------|------|--------|--------|--------------|------|----------|---------|--------|
|            |          |   | TOTAL UNCLASS. | ROCK | UNDERCUT | UNSUIT. UNCLASS. | SUITABLE UNCLASS. | TOTAL  | ROCK | EARTH  |        | EMBANK. +20% | ROCK | SUITABLE | UNSUIT. | TOTAL  |
| -L- RT     | 15+80.00 | 20+80.27                                  | 291            |      |          |                  | 291               | 20,686 |      | 20,686 | 24,823 | 24,532       |      |          |         |        |
| -L- RT     | 23+18.27 | 24+62.00                                  |                |      |          |                  |                   | 4,015  |      | 4,015  | 4,818  | 4,818        |      |          |         |        |
| -L- RT     | 25+50.00 | 32+50.00                                  | 179            |      |          |                  | 179               | 1,305  |      | 1,305  | 1,566  | 1,387        |      |          |         |        |
| -Y- RT     | 18+09.03 | 26+27.99                                  | 2,520          |      |          |                  | 2,520             | 621    |      | 621    | 745    |              |      | 1,775    |         | 1,775  |
| -Y- LT     | 20+14.98 | 27+96.50                                  | 1,906          |      |          |                  | 1,906             | 1,042  |      | 1,042  | 1,250  |              |      | 656      |         | 656    |
| -RPD-      | 12+90.00 | 14+00.00                                  | 41             |      |          |                  | 41                | 1,034  |      | 1,034  | 1,241  | 1,200        |      |          |         |        |
|            |          | <b>SUBTOTAL</b>                           | 4,937          |      |          |                  | 4,937             | 28,703 |      | 28,703 | 34,443 | 31,937       |      |          | 2,431   | 2,431  |
| -Y- RT MED | 22+04.86 | 23+32.92                                  | 96             |      |          |                  | 96                |        |      |        |        |              |      | 96       |         | 96     |
|            |          | <b>SUBTOTAL</b>                           | 96             |      |          |                  | 96                |        |      |        |        |              |      | 96       |         | 96     |
| -L- RT     | 13+70.00 | 15+80.00                                  | 343            |      |          |                  | 343               | 115    |      | 115    | 138    |              |      | 205      |         | 205    |
| -L- LT     | 13+70.00 | 20+80.27                                  | 475            |      |          |                  | 475               | 1,900  |      | 1,900  | 2,280  | 1,805        |      |          |         |        |
| -L- RT     | 24+62.00 | 25+50.00                                  |                |      |          |                  |                   | 767    |      | 767    | 920    | 920          |      |          |         |        |
| -L- LT     | 23+18.27 | 32+50.00                                  | 334            |      |          |                  | 334               | 39     |      | 39     | 47     |              |      | 287      |         | 287    |
| -RPA-      | 10+25.00 | 14+00.00                                  | 843            |      |          |                  | 843               | 107    |      | 107    | 128    |              |      | 715      |         | 715    |
| -RPD-      | 11+00.00 | 12+90.00                                  | 136            |      |          |                  | 136               | 428    |      | 428    | 514    | 378          |      |          |         |        |
|            |          | <b>SUBTOTAL</b>                           | 2,131          |      |          |                  | 2,131             | 3,356  |      | 3,356  | 4,027  | 3,103        |      |          | 1,207   | 1,207  |
|            |          | <b>SUBTOTAL</b>                           |                |      |          |                  |                   |        |      |        |        |              |      |          |         |        |
|            |          | <b>TOTAL</b>                              | 7,164          |      |          |                  | 7,164             | 32,059 |      | 32,059 | 38,470 | 35,040       |      |          | 3,734   | 3,734  |
|            |          | SELECT MATERIAL IN LIEU OF BORROW         |                |      |          |                  |                   |        |      |        |        |              |      |          |         |        |
|            |          | LOSS DUE TO CLEARING & GRUBBING           | -100           |      |          |                  | -100              |        |      |        |        | 100          |      |          |         |        |
|            |          | ADDITIONAL UNDERCUT                       |                |      |          |                  |                   |        |      |        |        |              |      |          |         |        |
|            |          | WASTE IN LIEU OF BORROW                   |                |      |          |                  |                   |        |      |        |        | -3,734       |      | -3,734   |         | -3,734 |
|            |          | <b>PROJECT TOTAL</b>                      | 7,064          |      |          |                  | 7,064             | 32,059 |      | 32,059 | 38,470 | 31,406       |      |          |         |        |
|            |          | EST. 5% TO REPLACE TOP SOIL ON BORROW PIT |                |      |          |                  |                   |        |      |        |        | 1,570        |      |          |         |        |
|            |          | <b>GRAND TOTAL</b>                        | 7,064          |      |          |                  | 7,064             | 32,059 |      | 32,059 | 38,470 | 32,976       |      |          |         |        |
|            |          | <b>SAY</b>                                | 7,500          |      |          |                  |                   |        |      |        |        | 34,700       |      |          |         |        |

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

EST. DDE = 595 CUBIC YARDS

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

| BALANCE EARTHWORK CHECK |               |               |               |
|-------------------------|---------------|---------------|---------------|
| TOTAL UNCL. EXC:        | 7,064         | EMB + %:      | 38,470        |
| UNDERCUT EXC:           |               | TOTAL WASTE:  |               |
| BORROW EXC:             | 31,406        |               |               |
| <b>TOTAL:</b>           | <b>38,470</b> | <b>TOTAL:</b> | <b>38,470</b> |