## EARTHWORK

| LOCATION | EARTH EXCAVATION | EMBANKMENT | EARTH EXCAVATION ADJ. FOR SHRINKAGE | CHANNEL EXCAVATION | CHANNEL EXCAVATION ADJ. FOR SHRINKAGE | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL WASTE (+) |
|---|---|---|---|---|---|---|
| STATION TO STATION | CU. YD. | | | | | |
| 95+50 TO 96+00 | 4.3 | | 3.7 | JOBSITE | JOBSITE | 3.7 |
| 96+00 TO 96+50 | 3.3 | | 2.8 | | | 2.8 |
| 96+50 TO 97+00 | 3.5 | | 3.0 | | | 3.0 |
| 97+00 TO 97+50 | 3.7 | | 3.1 | | | 3.1 |
| 97+50 TO 98+00 | 103.1 | 9.9 | 87.6 | | | 77.7 |
| 98+00 TO 98+29 | 118.4 | 9.5 | 100.6 | | | 91.1 |
| 98+29 TO 98+50 | 76.8 | 4.7 | 65.3 | | | 60.6 |
| 98+50 TO 99+00 | 141.1 | 11.5 | 119.9 | | | 108.4 |
| 99+00 TO 99+69 | 113.1 | 35.9 | 96.1 | | | 60.2 |
| 100+31 TO 101+00 | 147.1 | 58.7 | 125.0 | | | 66.3 |
| 101+00 TO 101+50 | 156.0 | 24.2 | 132.6 | | | 108.4 |
| 101+50 TO 102+00 | 180.2 | 21.5 | 153.2 | | | 131.7 |
| 102+00 TO 102+50 | 95.8 | 8.3 | 81.4 | | | 73.1 |
| CHANNEL | | | | 80 | 68 | 68.0 |
| STORM SEWER | 233.0 | | 198.1 | | | 198.1 |
| TOTAL | 1380.0 | | | | TOTAL | 1056.0 |

NOTE:
SHRINKAGE FACTOR = 15% FOR EARTH AND CHANNEL EXCAVATION.
CHANNEL EXCAVATION ASSUMED TO BE SUITABLE MATERIAL, AND IS INCLUDED IN EARTHWORK BALANCE.
CHANNEL EXCAVATION TOTAL IS AN ESTIMATE AND IS ROUNDED TO THE NEAREST 1 CU. YD.

## TRENCH BACKFILL

| LOCATION | | QUANTITY |
|---|---|---|
| STATION | OFFSET | (CU YD) |
| 99+38 TO 99+68 | LT | 230 |
| | TOTAL | 230 |

## FURNISHED EXCAVATION

| LOCATION | QUANTITY |
|---|---|
| | (CU YD) |
| JOBSITE | 300 |
| TOTAL | 300 |

## TOPSOIL FURNISH AND PLACE, 4"

| LOCATION | | QUANTITY |
|---|---|---|
| STATION | LENGTH | (SQ YD) |
| 95+50.00 TO 96+00.00 | 50.00 | 2.25 |
| 96+00.00 TO 96+50.00 | 50.00 | 2.62 |
| 96+50.00 TO 97+00.00 | 50.00 | 4.72 |
| 97+00.00 TO 97+50.00 | 50.00 | 5.96 |
| 97+50.00 TO 98+00.00 | 50.00 | 8.50 |
| 98+00.00 TO 98+29.06 | 29.06 | 5.45 |
| 98+29.06 TO 98+50.00 | 20.94 | 9.68 |
| 98+50.00 TO 99+00.00 | 50.00 | 28.48 |
| 99+00.00 TO 99+69.33 | 69.33 | 40.07 |
| 100+30.67 TO 101+00.00 | 69.33 | 66.38 |
| 101+00.00 TO 101+50.00 | 50.00 | 27.91 |
| 101+50.00 TO 102+00.00 | 50.00 | 23.86 |
| 102+00.00 TO 102+50.00 | 50.00 | 14.00 |
| | TOTAL | 240 |

## SEEDING, CLASS 2A

| LOCATION | | QUANTITY |
|---|---|---|
| STATION | OFFSET | (ACRE) |
| 94+88.34 TO 99+12.04 | LT | 0.02 |
| 100+89.46 TO 102+72.46 | LT | 0.01 |
| 97+76.47 TO 98+07.35 | RT | 0.001 |
| 98+41.12 TO 99+79.06 | RT | 0.02 |
| 100+34.03 TO 102+60.62 | RT | 0.05 |
| | TOTAL | 0.25 |

## NITROGEN FERTILIZER NUTRIENT

| LOCATION | | QUANTITY | QUANTITY |
|---|---|---|---|
| STATION | OFFSET | (ACRE) | (POUNDS) |
| 94+88.34 TO 99+12.04 | LT | 0.02 | 2 |
| 100+89.46 TO 102+72.46 | LT | 0.01 | 1 |
| 97+76.47 TO 98+07.35 | RT | 0.00 | 1 |
| 98+41.12 TO 99+79.06 | RT | 0.02 | 2 |
| 100+34.03 TO 102+60.62 | RT | 0.05 | 5 |
| (APPLICATION RATE = 90 LB/ACRE) | | TOTAL | 15 |

## PHOSPHOROUS FERTILIZER NUTRIENT

| LOCATION | | QUANTITY | QUANTITY |
|---|---|---|---|
| STATION | OFFSET | (ACRE) | (POUNDS) |
| 94+88.34 TO 99+12.04 | LT | 0.02 | 2 |
| 100+89.46 TO 102+72.46 | LT | 0.01 | 1 |
| 97+76.47 TO 98+07.35 | RT | 0.00 | 1 |
| 98+41.12 TO 99+79.06 | RT | 0.02 | 2 |
| 100+34.03 TO 102+60.62 | RT | 0.05 | 5 |
| (APPLICATION RATE = 90 LB/ACRE) | | TOTAL | 15 |

## POTASSIUM FERTILIZER NUTRIENT

| LOCATION | | QUANTITY | QUANTITY |
|---|---|---|---|
| STATION | OFFSET | (ACRE) | (POUNDS) |
| 94+88.34 TO 99+12.04 | LT | 0.02 | 2 |
| 100+89.46 TO 102+72.46 | LT | 0.01 | 1 |
| 97+76.47 TO 98+07.35 | RT | 0.00 | 1 |
| 98+41.12 TO 99+79.06 | RT | 0.02 | 2 |
| 100+34.03 TO 102+60.62 | RT | 0.05 | 5 |
| (APPLICATION RATE = 90 LB/ACRE) | | TOTAL | 15 |

## EROSION CONTROL BLANKET

| LOCATION | | QUANTITY |
|---|---|---|
| STATION | OFFSET | (SQ YD) |
| 94+88.34 TO 99+12.04 | LT | 120.0 |
| 100+89.46 TO 102+72.46 | LT | 58.4 |
| 97+76.47 TO 98+07.35 | RT | 3.0 |
| 98+41.12 TO 99+79.06 | RT | 114.2 |
| 100+34.03 TO 102+60.62 | RT | 247.7 |
| | TOTAL | 544.0 |