

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

EARTHWORKS

| | | TOTAL EXCAVATION EARTH AND ROCK | | | | ROCK EXCAVATION | | | | EMBANKMENT | | | | | | TOTAL EXCAVATION EARTH AND ROCK | | | | ROCK EXCAVATION | | | | EMBANKMENT | | | | | | SUMMARY AND BALANCES | | | | | | | |
|--------------------------|------|------------------------------------|-----------|------|--------|--------------------|--------|------|--------|------------|--------|------|--------|------|--------|------------------------------------|--------|------|--------|--------------------|--------|------|--------|------------|--------|------|--------|------|--------|----------------------|------------------------------------|-----------------------------------|----------------|----------|------|----------------------|------|
| STATION | DIST | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | AREA | VOLUME | STATION TO STATION | TOT EXC EARTH & ROCK C.Y. | ROCK & COBBLE EXCAV C.Y. | EMBANK C.Y. | EXCESSES | | ACUMULATIVE EXCESSES | |
| 10+50 | FT. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | S.F. | C.Y. | CUT | FILL | CUT | FILL |
| 110+77 | | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTH MAIN STREET | | | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111+40 | 10 | 0-148 | -4 349 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111+50 | 50 | 24-229 | 44 446 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112+00 | 50 | 26-252 | 52 479 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112+50 | 50 | 30-265 | 59 510 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113+00 | 50 | 286 | 625 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113+50 | 50 | 388 | 639 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114+00 | 50 | 303 | 605 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 114+50 | 50 | 351 | 634 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115+00 | 50 | 334 | 614 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115+50 | 50 | 329 | 595 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116+00 | 50 | 314 | 537 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116+50 | 50 | 286 | 482 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117+00 | 50 | 255 | 448 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117+50 | 50 | 229 | 417 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118+00 | 50 | 221 | 417 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118+50 | 50 | 229 | 420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119+00 | 50 | 225 | 430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119+50 | 50 | 239 | 443 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120+00 | 50 | 239 | 427 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120+50 | 50 | 222 | 420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121+00 | 50 | 232 | 412 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121+50 | 50 | 213 | 395 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122+00 | 50 | 214 | 447 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122+50 | 50 | 269 | 475 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123+00 | 50 | 244 | 468 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123+50 | 50 | 261 | 469 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 124+00 | 50 | 246 | 459 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 124+50 | 50 | 250 | 459 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125+00 | 50 | 246 | 469 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 125+50 | 50 | 261 | 481 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126+00 | 50 | 259 | 482 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126+50 | 50 | 262 | 474 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127+00 | 50 | 250 | 485 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127+50 | 50 | 274 | 499 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128+00 | 50 | 265 | 481 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128+50 | 50 | 254 | 475 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 129+00 | 50 | 259 | 473 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 129+50 | 50 | 252 | 469 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130+00 | 50 | 254 | 503 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 130+50 | 50 | 289 | 502 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 131+00 | 50 | 253 | 470 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 131+50 | 50 | 255 | 478 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 132+00 | 50 | 261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| REMARKS | | QUANTITY |
|---|--|----------|
| EARTH AND ROCK EXCAVATION | | 28281 |
| SOLID ROCK EXCAVATION (PLAN AREA) | | 500 |
| COBBLESTONE SURFACE REMOVAL (BY CITY) | | 1400 |
| WET POND EXCAVATION | | 1550 |
| EARTH EXCAVATION | | 27931 |
| PLANIMETERED FILL | | 10 |
| LESS FACTORED SOLID ROCK | | |
| LESS DISPLACEMENT OF ANY LARGE STRUCTURES | | |
| NET PLANIMETERED FILL | | 10 |
| FACTOR | | 1.15 |
| PLANIMETERED FILL INCLUDING FACTOR | | 11.5 |
| MATERIALS AVAILABLE FOR FILLS | | |
| EARTH EXCAVATION | | 27931 |
| CHANNEL EXCAVATION | | |
| UNDERDRAIN EXCAVATION | | |
| STRUCTURE EXCAVATION | | |
| TOTAL MATERIAL AVAILABLE FOR FILL | | 27931 |
| TOTAL FILL INCLUDING FACTOR | | 11.5 |
| TOTAL MATERIAL FOR FILL | | 27931 |
| BORROW | | |
| EXCESS EXCAVATION | | 27920 |

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PROJECT NUMBER: FECC F 026-1(34) C/2
 FILE NAME: 85B010 EarthworkSummary C2.xls PLOT DATE: 3/9/2011
 PROJECT LEADER: G. BAKOS DRAWN BY: KAN / JAW
 DESIGNED BY: J. WHITMORE / D. PECK CHECKED BY: D. PECK
EARTHWORK SUMMARY SHEET #1 SHEET 24 OF 339