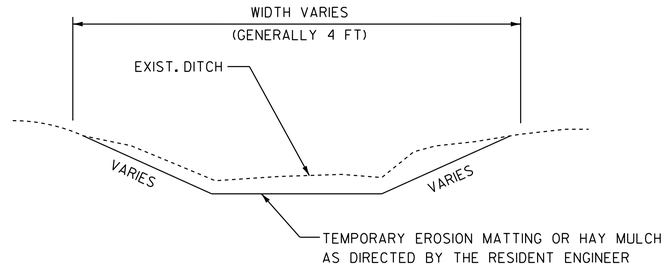
| LOCATION | | | | FEET OF DITCHING | | | | MISCELLANEOUS ITEMS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 613.10 | 649.31 | 651.15 | 653.20 | |
| SITE | STATION | STATION | POS. | PERCENT GRADE | | | | STONE FILL, TYPE I | GEOT. UNDER STONE FILL | SEED | TEMP. EROS. MATT. | REMARKS |
| | | | | 0-1 | 1-2.5 | 2.5-10 | >10 | CY | SY | LB | SY | |
| VERMONT ROUTE 16 | | | | | | | | | | | | |
| GLOVER | | | | | | | | | | | | |
| 1 | 175+00 | 182+27 | RT | | 727 | | | | | 6 | 323 | |
| 2 | 185+25 | 185+41 | RT | 16 | | | | | | 1 | | |
| 3 | 185+58 | 194+23 | RT | 865 | | | | | | 7 | | |
| 4 | 209+00 | 209+36 | RT | 36 | | | | | | 1 | | |
| 5 | 209+60 | 216+48 | RT | 688 | | | | | | 6 | | |
| 6 | 216+48 | 228+07 | RT | | 1159 | | | | | 9 | 515 | |
| 7 | 236+12 | | RT | 25 | | | | | | 1 | | DITCHING @ 18" RCP |
| 8 | 244+10 | 248+16 | RT | | 406 | | | | | 3 | 180 | |
| 9 | 248+16 | 253+00 | RT | | | 484 | | 72 | 323 | | | |
| 10 | 251+00 | 259+50 | LT | | | 850 | | 126 | 567 | | | |
| 11 | 265+50 | 269+00 | RT | | 350 | | | | | 3 | 156 | |
| 12 | 270+00 | 274+56 | RT | 456 | | | | | | 4 | | |
| 13 | 274+56 | 287+07 | RT | | | 1251 | | 185 | 834 | | | |
| 14 | 290+40 | 299+44 | RT | | | 904 | | 134 | 603 | | | |
| 15 | 292+52 | | LT&RT | 50 | | | | | | 1 | | DITCHING @ 18" CMP |
| 16 | 314+00 | 314+50 | RT | | 100 | | | | | 1 | 44 | DITCHING ALONG T.H. 23 |
| 17 | 320+06 | 322+84 | LT | | 278 | | | | | 3 | 124 | |
| 18 | 322+84 | 328+50 | LT | | | 566 | | 84 | 377 | | | |
| 19 | 343+66 | 349+50 | RT | 584 | | | | | | 5 | | |
| 20 | 345+97 | | LT&RT | 50 | | | | | | 1 | | DITCHING @ 18" CMP |
| 21 | 352+42 | | LT&RT | 50 | | | | | | 1 | | DITCHING @ 48" CMP |
| BARTON | | | | | | | | | | | | |
| 22 | 3+95 | 7+60 | RT | | 365 | | | | | 3 | 162 | |
| 23 | 17+80 | 25+75 | RT | 795 | | | | | | 6 | | |
| 24 | 33+00 | 42+24 | RT | 924 | | | | | | 7 | | |
| 25 | 35+72 | | LT | 25 | | | | | | 1 | | DITCHING @ 18" CMP |
| 26 | 42+24 | 46+50 | RT | | 426 | | | | | 4 | 189 | |
| 27 | 74+65 | | LT | | 50 | | | | | 1 | 22 | DITCHING @ 24" CMP |
| 28 | 90+45 | 93+03 | RT | 258 | | | | | | 2 | | |
| DITCHING SUBTOTALS (EST.) | | | | 4822 | 3861 | 4055 | | 601 * | 2704 * | 77 | 1715* | |

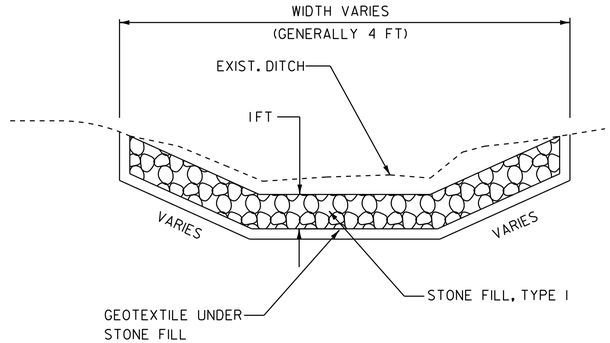
| LOCATION | | | | FEET OF DITCHING | | | | MISCELLANEOUS ITEMS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | 613.10 | 649.31 | 651.15 | 653.20 | |
| SITE | STATION | STATION | POS. | PERCENT GRADE | | | | STONE FILL, TYPE I | GEOT. UNDER STONE FILL | SEED | TEMP. EROS. MATT. | REMARKS |
| | | | | 0-1 | 1-2.5 | 2.5-10 | >10 | CY | SY | LB | SY | |

* THESE TOTALS ARE CARRIED FORWARD TO THE DETAILED SUMMARY OF QUANTITIES ON THE QUANTITY SHEETS




**DITCH DETAIL < 2.5 PERCENT**

NOT TO SCALE




**DITCH DETAIL > 2.5 PERCENT**

NOT TO SCALE

## STONE DITCH DETAIL

NOTES:

1. PIPE INLET AND OUTLET AREAS AND DITCH CLEANING THROUGHOUT THE PROJECT SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

2. ESTIMATED QUANTITIES OF TEMPORARY EROSION MATTING AND SEED HAVE BEEN INCLUDED AS NEEDED OR AS DIRECTED BY THE RESIDENT ENGINEER.

3. ESTIMATED QUANTITIES OF STONE FILL TYPE I AND GEOTEXTILE UNDER STONE FILL HAVE BEEN INCLUDED AS NEEDED. STONE FILL TYPE I SHALL BE USED IN ALL DITCHES WITH A GRADE 2.5 PERCENT OR GREATER OR AS DIRECTED BY THE RESIDENT ENGINEER.

4. GRADES LESS THAN 1 PERCENT SHALL USE ITEM 651.15, SEED AND ITEM 651.25, HAY MULCH. GRADES BETWEEN 1 AND 2.5 PERCENT SHALL USE ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE RESIDENT ENGINEER. GRADES OVER 2.5 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I AS DIRECTED BY THE RESIDENT ENGINEER.

NOT TO SCALE

Stantec

**DITCH CLEANING DETAIL SHEET**

PROJECT NAME: GLOVER - BARTON
PROJECT NUMBER: STP 2318(1)

FILE NAME: p01b034.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
**IPARM FILE: p01b034dcs.i**

PLOT DATE: 28-NOV-2012 15:0
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 12 OF 60