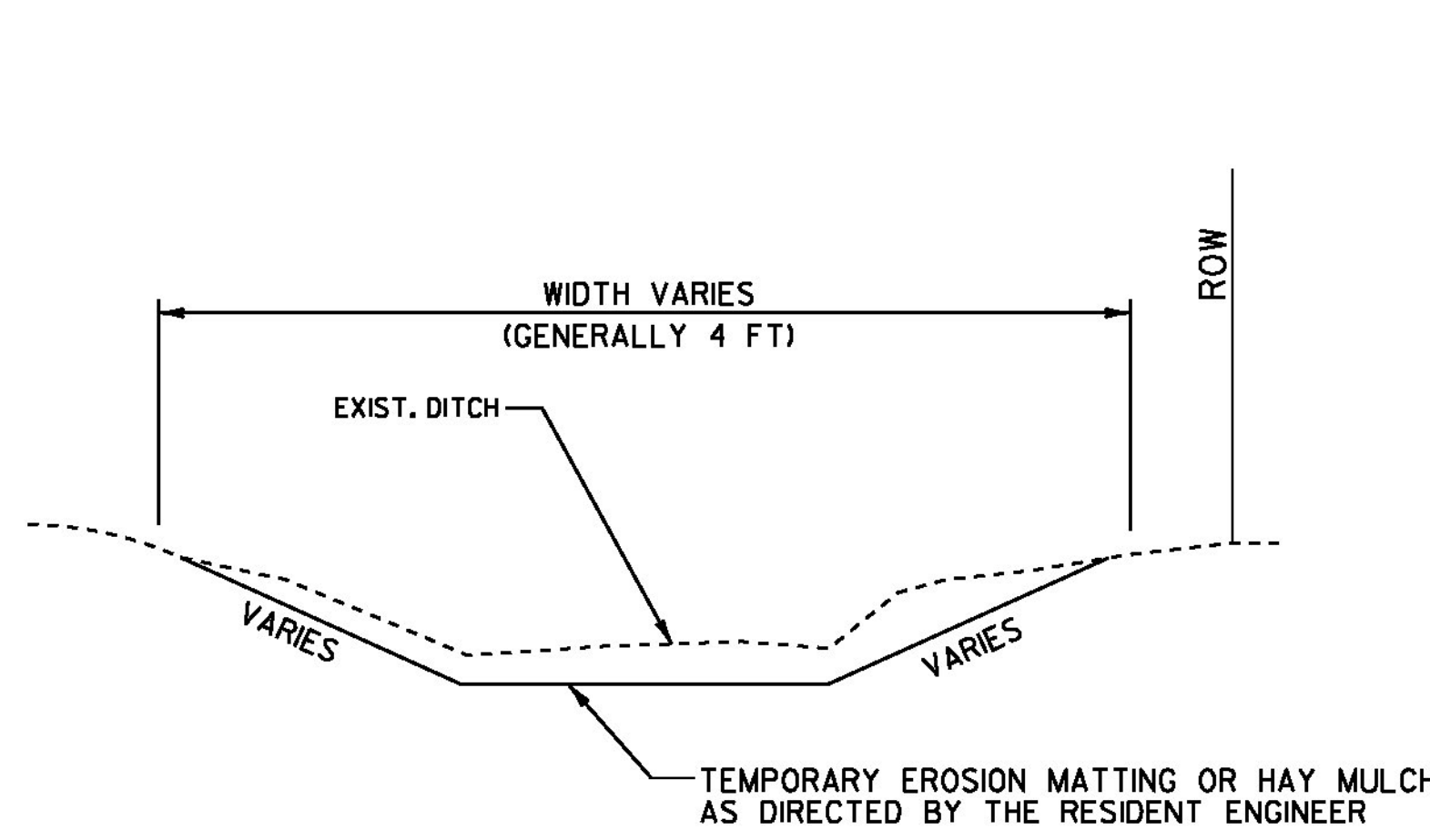
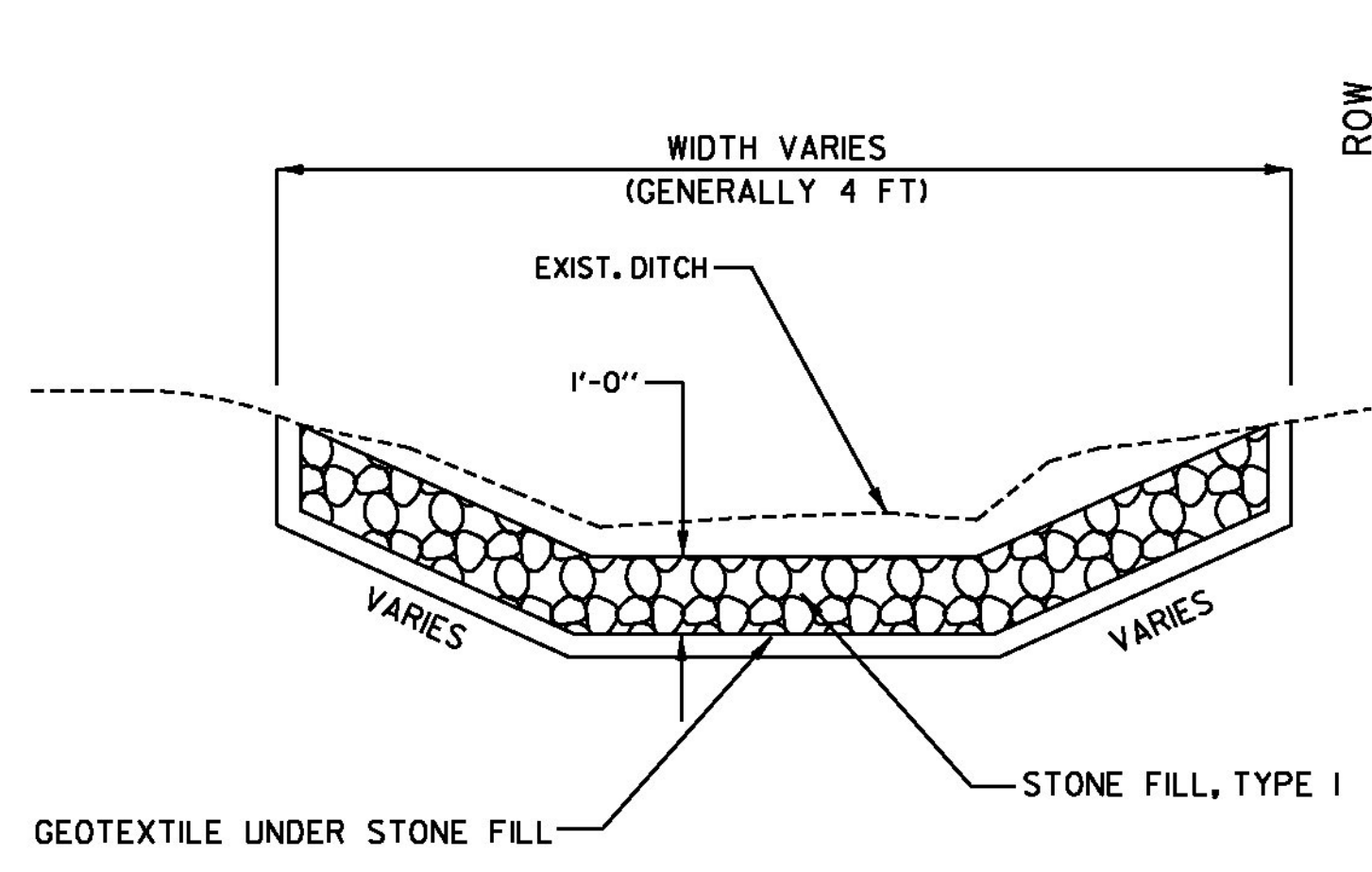


| LOCATION     |         |         |      | FEET OF DITCHING |      | MISCELLANEOUS ITEMS |                       |      |                   | LOCATION |           |                   |      | FEET OF DITCHING |      | MISCELLANEOUS ITEMS |                       |      |                   | LOCATION |         |           |      | FEET OF DITCHING |      | MISCELLANEOUS ITEMS |                       |      |                   |        |      |        |
|--------------|---------|---------|------|------------------|------|---------------------|-----------------------|------|-------------------|----------|-----------|-------------------|------|------------------|------|---------------------|-----------------------|------|-------------------|----------|---------|-----------|------|------------------|------|---------------------|-----------------------|------|-------------------|--------|------|--------|
| SITE         | STATION | STATION | POS. | PERCENT GRADE    |      | STONE FILL, TYPE I  | GEO. UNDER STONE FILL | SEED | TEMP. EROS. MATT. | SITE     | STATION   | STATION           | POS. | PERCENT GRADE    |      | STONE FILL, TYPE I  | GEO. UNDER STONE FILL | SEED | TEMP. EROS. MATT. | SITE     | STATION | STATION   | POS. | PERCENT GRADE    |      | STONE FILL, TYPE I  | GEO. UNDER STONE FILL | SEED | TEMP. EROS. MATT. |        |      |        |
|              |         |         |      | 0-2.5            | ≥2.5 |                     |                       |      |                   |          |           |                   |      | 0-2.5            | ≥2.5 |                     |                       |      |                   |          |         |           |      | 0-2.5            | ≥2.5 |                     |                       |      |                   | 0-2.5  | ≥2.5 |        |
| VT ROUTE 108 |         |         |      |                  |      | VT ROUTE 12A        |                       |      |                   |          |           | VT ROUTE 12A      |      |                  |      |                     |                       |      |                   |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| RANDOLPH     |         |         |      |                  |      | BRAintree (CONT.)   |                       |      |                   |          |           | GRANVILLE (CONT.) |      |                  |      |                     |                       |      |                   |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 1            | 25+50   | 25+75   | RT   |                  | 25   | 4                   | 17                    | 0    | 0                 | 27       | 219+00    | 221+50            | LT   | 250              | 0    | 0                   | 2                     | III  | 53                | 20+00    | 22+00   | LT        | 200  | 0                | 0    | 2                   | 89                    |      |                   |        |      |        |
| 2            | 25+75   | 26+50   | RT   | 75               |      | 0                   | 0                     | 1    | 33                | 28       | 221+50    | 223+50            | LT   | 200              | 0    | 0                   | 2                     | 89   | 54                | 30+50    | 39+00   | LT        | 850  | 0                | 0    | 7                   | 378                   |      |                   |        |      |        |
| 3            | 28+00   | 28+50   | RT   | 50               |      | 0                   | 0                     | 1    | 22                | 29       | 228+25    | 229+50            | LT   | 125              | 19   | 83                  | 0                     | 0    | 55                | 40+00    | 42+25   | LT        | 225  | 0                | 0    | 2                   | 100                   |      |                   |        |      |        |
| 4            | 28+50   | 29+75   | RT   |                  | 125  | 19                  | 83                    | 0    | 0                 | 30       | 233+30    | 235+25            | LT   | 195              | 0    | 0                   | 2                     | 87   | 56                | 42+25    | 44+00   | LT        |      | 175              | 26   | 117                 | 0                     | 0    |                   |        |      |        |
| 5            | 29+75   | 35+00   | RT   | 525              |      | 0                   | 0                     | 4    | 233               | 31       | 235+25    | 236+70            | LT   |                  | 145  | 21                  | 97                    | 0    | 0                 | 57       | 44+00   | 50+75     | LT   | 675              | 0    | 0                   | 5                     | 300  |                   |        |      |        |
| 6            | 35+00   | 37+00   | RT   |                  | 200  | 30                  | 133                   | 0    | 0                 | 32       | 236+90    | 237+15            | LT   |                  | 25   | 4                   | 17                    | 0    | 0                 | 58       | 50+75   | 51+50     | LT   |                  | 75   | 11                  | 50                    | 0    | 0                 |        |      |        |
| 7            | 52+00   | 53+00   | RT   | 100              |      | 0                   | 0                     | 1    | 44                | 33       | 237+30    | 238+00            | LT   |                  | 70   | 10                  | 47                    | 0    | 0                 | 59       | 51+50   | 53+25     | LT   | 175              |      | 0                   | 0                     | 2    | 78                |        |      |        |
| 8            | 54+50   | 60+50   | RT   | 600              |      | 0                   | 0                     | 5    | 267               | 34       | 241+00    | 242+50            | RT   | 150              |      | 0                   | 0                     | 2    | 67                | 60       | 53+25   | 55+00     | LT   |                  | 175  | 26                  | 117                   | 0    | 0                 |        |      |        |
| 9            | 12+50   | 13+00   | LT   |                  | 50   | 7                   | 33                    | 0    | 0                 | 35       | 277+00    | 278+00            | LT   |                  | 100  | 15                  | 67                    | 0    | 0                 | 61       | 56+50   | 57+00     | LT   | 50               |      | 0                   | 0                     | 1    | 22                |        |      |        |
| 10           | 14+00   | 15+25   | RT   |                  | 125  | 19                  | 83                    | 0    | 0                 | 36       | 297+50    | 298+00            | LT   | 50               |      | 0                   | 0                     | 1    | 22                | 62       | 58+50   | 64+00     | LT   | 550              |      | 0                   | 0                     | 5    | 244               |        |      |        |
| 11           | 15+25   | 15+50   | RT   | 25               |      | 0                   | 0                     | 1    | 11                | 37       | 307+00    | 313+50            | LT   | 650              |      | 0                   | 0                     | 5    | 289               | 63       | 64+00   | 65+25     | LT   |                  | 125  | 19                  | 83                    | 0    | 0                 |        |      |        |
| 12           | 24+50   | 27+00   | RT   | 250              |      | 0                   | 0                     | 2    | III               | 38       | 315+00    | 319+50            | LT   | 450              |      | 0                   | 0                     | 4    | 200               | 64       | 70+50   | 71+50     | LT   | 100              |      | 0                   | 0                     | 1    | 44                |        |      |        |
| 13           | 30+00   | 32+50   | RT   | 250              |      | 0                   | 0                     | 2    | III               | 39       | 331+50    | 333+30            | LT   | 180              |      | 0                   | 0                     | 2    | 80                | 65       | 72+50   | 77+00     | LT   | 450              |      | 0                   | 0                     | 4    | 200               |        |      |        |
| 14           | 40+50   | 41+00   | RT   |                  | 50   | 7                   | 33                    | 0    | 0                 | 40       | 333+60    | 335+00            | LT   | 140              |      | 0                   | 0                     | 2    | 62                | 66       | 80+00   | 80+25     | LT   | 25               |      | 0                   | 0                     | 1    | 11                |        |      |        |
| 15           | 51+00   | 53+50   | RT   | 250              |      | 0                   | 0                     | 2    | III               | 41       | 336+50    | 337+25            | LT   | 75               |      | 0                   | 0                     | 1    | 33                | 67       | 81+50   | 82+00     | LT   | 50               |      | 0                   | 0                     | 1    | 22                |        |      |        |
| 16           | 64+50   | 65+75   | RT   | 125              |      | 0                   | 0                     | 1    | 56                | 42       | 337+25    | 339+50            | LT   |                  | 225  | 33                  | 150                   | 0    | 0                 | 68       | 86+00   | 86+50     | LT   | 50               |      | 0                   | 0                     | 1    | 22                |        |      |        |
| 17           | 67+00   | 68+50   | RT   |                  | 150  | 22                  | 100                   | 0    | 0                 | 43       | 341+00    | 344+50            | LT   |                  | 350  | 52                  | 233                   | 0    | 0                 | 69       | 4+00    | 4+50      | LT   | 50               |      | 0                   | 0                     | 1    | 22                |        |      |        |
| 18           | 70+00   | 71+50   | RT   |                  | 150  | 22                  | 100                   | 0    | 0                 | 44       | 350+50    | 351+00            | LT   |                  | 50   | 7                   | 33                    | 0    | 0                 |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 19           | 71+50   | 74+50   | RT   | 300              |      | 0                   | 0                     | 2    | 133               | 45       | 351+00    | 376+40            | LT   | 2540             |      | 0                   | 0                     | 19   | 1129              |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 20           | 81+50   | 83+50   | RT   | 200              |      | 0                   | 0                     | 2    | 89                | 46       | 376+85    | 378+98            | LT   | 213              |      | 0                   | 0                     | 2    | 95                |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 21           | 108+50  | 111+50  | RT   | 300              |      | 0                   | 0                     | 3    | 133               | 47       | 0+00      | 3+50              | LT   | 350              |      | 0                   | 0                     | 3    | 156               |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 22           | 120+00  | 123+50  | RT   | 350              |      | 0                   | 0                     | 3    | 156               | 48       | 7+00      | 9+10              | LT   | 210              |      | 0                   | 0                     | 2    | 93                |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 23           | 161+50  | 164+00  | RT   | 250              |      | 0                   | 0                     | 2    | III               | 49       | 9+50      | 10+00             | LT   |                  | 50   | 7                   | 33                    | 0    | 0                 |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 24           | 171+50  | 174+35  | RT   | 285              |      | 0                   | 0                     | 3    | 127               | 50       | 11+50     | 12+50             | LT   | 100              |      | 0                   | 0                     | 1    | 44                |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 25           | 174+75  | 177+00  | RT   | 225              |      | 0                   | 0                     | 2    | 100               | 51       | 14+00     | 14+50             | LT   | 50               |      | 0                   | 0                     | 1    | 22                |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| 26           | 191+00  | 193+00  | RT   | 200              |      | 0                   | 0                     | 2    | 89                | 52       | 16+00     | 17+75             | LT   | 175              |      | 0                   | 0                     | 2    | 78                |          |         |           |      |                  |      |                     |                       |      |                   |        |      |        |
| SUBTOTALS    |         |         |      |                  | 4360 | 875                 | 130                   | 582  | 39                | 1937     | SUBTOTALS |                   |      |                  |      | 5978                | 1140                  | 168  | 760               | 53       | 2657    | SUBTOTALS |      |                  |      |                     | 3450                  | 550  | 82                | 367    | 33   | 1532   |
| TOTALS       |         |         |      |                  |      |                     |                       |      |                   |          | TOTALS    |                   |      |                  |      |                     |                       |      |                   |          |         | TOTALS    |      |                  |      |                     | 13788                 | 2565 | *380              | **1709 | 125  | **6126 |

\*TOTALS CARRIED FORWARD TO SHEET 36  
\*\*TOTALS CARRIED FORWARD TO SHEET 38



**DITCH DETAIL 0 TO < 2.5 PERCENT**  
**NOT TO SCALE**



**DITCH DETAIL 2.5 PERCENT TO 10 PERCENT**  
**NOT TO SCALE**

- NOTES:
- GRADES BETWEEN 0 AND 2.5 PERCENT SHALL USE ITEM 651.15, SEED AND EITHER ITEM 651.25, HAY MULCH OR ITEM 653.20, TEMPORARY EROSION MATTING AS DIRECTED BY THE ENGINEER.
  - GRADES FROM 2.5 PERCENT TO 10 PERCENT SHALL USE ITEM 649.31, GEOTEXTILE UNDER STONE FILL AND ITEM 613.10, STONE FILL TYPE I, AS DIRECTED BY THE ENGINEER.
  - 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 ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).



|                                    |                  |                 |            |
|------------------------------------|------------------|-----------------|------------|
| PROJECT NAME:                      | RANDOLPH-ROXBURY | PLOT DATE:      | 11/17/2014 |
| PROJECT NUMBER:                    | ER STP 0187(II)  | DRAWN BY:       | I. MAYNARD |
| FILE NAME:                         | z13c182frm.dgn   | DESIGNED BY:    | I. MAYNARD |
| PROJECT LEADER:                    | M. FOISY         | CHECKED BY:     | M. FOISY   |
| <b>DITCH CLEANING DETAIL SHEET</b> |                  | SHEET 28 OF 545 |            |