

# EARTHWORK AND DRAINAGE SUMMARY SHEET FOR HARTFORD-SHARON-ROYALTON IR 089-1(8)

| MILE MARKER | MILE MARKER | POS. | SOLID ROCK EXCAV. CY | COMM. EXCAV. CY | TRENCH EARTH CY | EXCAV. ROCK CY | EARTH BR. / EXCAV. MATERIAL CY | TOPSOIL CY | CSP ELBOWS EA | CORRUGATED STEEL PIPE |    |      | REINFORCED CONCRETE PIPE |   |     | METAL END SECT. EA | ITEM NO. 616.47 TON | GEO. FOR STONE FILL SY | GRAN. BK. FILL STRUCT. CY | CONC. CL. B CY | REIN. STEEL LBS | REHAB DI EA | GRATE TYPE EA | ITEM # 619.17 EA | PRCCDI EA | STONE FILL |      | GEO. FOR UNDER-DRAIN SY | EROSION MATTING SY  | CLEAN DITCH LF  | REMARKS   |
|-------------|-------------|------|----------------------|-----------------|-----------------|----------------|--------------------------------|------------|---------------|-----------------------|----|------|--------------------------|---|-----|--------------------|---------------------|------------------------|---------------------------|----------------|-----------------|-------------|---------------|------------------|-----------|------------|------|-------------------------|---|---|---|
|             |             |      |                      |                 |                 |                |                                |            |               | D                     | L  | TH   | D                        | L | CL  |                    |                     |                        |                           |                |                 |             |               |                  |           | EA         | TYPE |                         |   |   |   |
| SOUTHBOUND: |             |      |                      |                 |                 |                |                                |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                |                 |             |               |                  |           |            |      |                         |   |   |   |
| 19.34       |             | MED  |                      |                 |                 |                | 2                              |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                | 1               | 1           |               |                  |           |            |      |                         | 40  | REHAB DI & CLEAN DITCH  |   |
| 19.40       | 19.72       | OUT  |                      |                 |                 |                |                                |            |               |                       |    |      |                          |   | 160 |                    |                     |                        |                           |                |                 |             |               |                  |           |            |      |                         |   | REPAVE BIT. CONC. GUTTER ADJACENT TO LEDGE                          |   |
| 19.42       |             | CL   |                      |                 |                 |                | 2                              |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                | 2               | 2           |               |                  |           |            |      |                         |   | REHAB MED & OUT DI & GRADE AROUND DI @ OUTLET                       |   |
| 19.50       |             | OUT  |                      |                 | 20              |                |                                |            | UDR CARR      | 12                    | 50 | 1-FB |                          |   |     |                    |                     |                        |                           |                | 1               | 2           |               |                  |           | 90         |      |                         | UNDERDRAIN FROM SPRING OUTLET IN EXISTING DI W/FLUSHING BASIN @ INLET |   |   |
| 19.52       |             | MED  |                      |                 |                 |                | 2                              |            |               | 12                    |    | 6    |                          |   |     |                    |                     |                        |                           |                | 1               | 1           |               |                  |           |            |      |                         | 40  | REHAB DI & GRADE AROUND DI @ OUTLET                                 |   |
| 19.64       |             | OUT  |                      |                 |                 |                |                                |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                |                 |             |               |                  |           |            |      |                         |   | REMOVE ROCK FROM DITCH  |   |
| 19.68       |             | CL   |                      |                 |                 |                |                                |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                | 1               | 2           |               |                  |           |            |      |                         |   | 90  | MED REHAB DI & CLEAN DITCH, OUTSIDE CLEAN DITCH           |
| 19.75       | 19.77       | OUT  |                      |                 |                 |                |                                |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                |                 |             |               |                  |           |            |      |                         | 100   | CLEAN DITCH   |   |
| 19.80       |             | CL   |                      | 10              | 30              |                | 40                             |            |               | 30                    |    |      |                          |   |     |                    | 20                  |                        | 3.5                       | 16.7           |                 |             |               |                  |           |            |      |                         |   | RELAY 20'. NEW FULL HW, REMOVE EXISTING HW & FILL SINK HOLES IN MED |   |
| 19.90       |             | MED  |                      | 370             |                 |                | 700                            |            |               | 24                    |    |      |                          |   |     |                    | 1000                |                        |                           |                |                 |             |               |                  | II        | 370        |      |                         |   | REPAIR FAILED SLOPE   |   |
| 20.47       |             | OUT  |                      |                 |                 |                |                                |            |               | 12                    |    |      |                          |   |     |                    |                     |                        |                           |                | 1               |             |               |                  |           |            |      |                         |   |   | REHAB CURB DI   |
| 20.52       |             | OUT  |                      |                 |                 |                |                                |            |               | 12                    |    |      |                          |   |     |                    |                     |                        |                           |                | 1               |             |               |                  |           |            |      |                         | 20  | REHAB CURB DI & OUTLET CLEAN DITCH                                  |   |
| 21.02       |             | OUT  |                      |                 |                 |                | 10                             |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                |                 |             |               |                  |           |            |      |                         |   | REPAIR SINK HOLE  |   |
| 21.12       |             | OUT  | 560                  |                 |                 |                | 650                            |            |               |                       |    |      |                          |   |     |                    | 550                 |                        |                           |                |                 |             |               |                  | I         | 100        | 375  |                         |   | STONE LINE 75' X 50' EROSION AREA, SEE SHEETS 17 & 154              |   |
| 21.17       |             | OUT  |                      |                 |                 |                |                                |            |               | 12                    |    |      |                          |   |     |                    |                     |                        |                           |                | 1               | 1           |               |                  |           | IV         | 200  |                         |   | 10  | REHAB CURB DI TO MATCH NEW CURB LINE & OUTLET CLEAN DITCH |
| 21.27       |             | OUT  |                      |                 | 11              |                |                                |            |               | 12                    | 4  | .064 |                          |   |     |                    |                     |                        |                           |                | 1               |             |               |                  | I         |            |      |                         |   | REHAB EXIST. DI & CAP, NEW PRCCDI TIE TO EXIST. DI                  |   |
| 21.33       |             | OUT  |                      |                 |                 |                |                                |            |               | 12                    |    |      |                          |   |     |                    |                     |                        |                           |                | 1               |             |               |                  |           |            |      |                         |   |   | REHAB DI  |
| 21.62       |             | OUT  |                      |                 |                 |                |                                |            |               | 18                    |    |      |                          |   |     |                    |                     |                        |                           |                | 1               | 1-A         |               |                  |           |            |      |                         |   |   | REHAB THROATED DI   |
| 21.75       | 21.85       | OUT  | 300                  |                 |                 |                |                                |            |               |                       |    |      |                          |   |     |                    |                     |                        |                           |                |                 |             |               |                  |           |            |      |                         |   |   | SCALE LEDGE   |
| 21.77       |             | OUT  |                      |                 |                 |                |                                |            |               | 18                    |    |      |                          |   |     |                    |                     |                        |                           |                | 1               | 1           |               |                  |           |            |      |                         |   |   | REHAB DI  |
| 21.92       |             | OUT  |                      |                 |                 |                |                                |            |               | 12                    |    |      |                          |   |     |                    |                     |                        |                           |                | 1               |             |               |                  |           |            |      |                         |   |   | REHAB CURB DI TO MATCH NEW CURB LINE                      |
| 21.95       |             | CL   |                      |                 |                 |                |                                |            |               | 18                    |    |      |                          |   |     |                    |                     |                        |                           |                | 2               | 1           |               |                  |           |            |      |                         | 40  | REHAB CURB & MEDIAN DI'S & CLEAN DITCH                              |   |
| SHEET 44    | TOTALS:     |      | 300                  | 1240            | 61              |                | 1406                           |            |               | 12                    | 4  | .064 |                          |   | 160 | 1570               |                     | 3.5                    | 16.7                      | 16             | 1-A             | 11          |               | 1                | I         | 100        | 90   | 375                     | 340   |   |   |
|             |             |      |                      |                 |                 |                |                                |            | URD CARR      | 12                    | 50 | 1-FB |                          |   |     |                    |                     |                        |                           |                |                 |             |               |                  |           | II         | 370  |                         |   |   |   |
|             |             |      |                      |                 |                 |                |                                |            |               | 12                    | 6  |      |                          |   |     |                    |                     |                        |                           |                |                 |             |               |                  |           | IV         | 200  |                         |   |   |   |

SEE REVISED DRAINAGE SHEETS 31A - 069A

|                 |                          |              |             |
|-----------------|--------------------------|--------------|-------------|
| DRAWN BY        | Squad A                  | DATE         | 7/94        |
| SQUAD LEADER    | BOMBARDIER               |              |             |
| DESIGN FILE NO. | /sqdo/87a008/da008dr.dgn |              |             |
| IPARM FILE      | da008d3.1                | DATE PLOTTED | 12-MAR-1993 |
| PROJ. NAME      | HARTFORD-SHARON-ROYALTON |              |             |
| PROJ. NO.       | IM IR 089-1(8)           |              |             |
| SHEET           | 44                       | OF           | 260 SHEETS  |