

| MISCELLANEOUS DRAINAGE STRUCTURES |      |                                |       |                              |            |                          |            |                        |      |        |            |                                                      |         |
|-----------------------------------|------|--------------------------------|-------|------------------------------|------------|--------------------------|------------|------------------------|------|--------|------------|------------------------------------------------------|---------|
| Station                           | Side | Sets of Reset Manhole Castings |       | Sets of Reset Inlet Castings |            | Sets of Manhole Castings |            | Sets of Inlet Castings |      | Inlets |            |                                                      | Remarks |
|                                   |      | No                             | Type  | No                           | Type       | No                       | Type       | No                     | Type | "E"    | 6" Special | Rebuilt Ver. E.                                      |         |
| ROUTE 4 SEC. 20                   |      |                                |       |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1177+10                           | Lt.  |                                |       | 1                            | 6" Special |                          |            |                        |      |        |            |                                                      |         |
| 1177+31                           | Lt.  | 1                              | Storm |                              |            | 1                        | 6" Special |                        |      |        |            |                                                      |         |
| 1177+53                           | Lt.  |                                |       |                              |            | 1                        | "          |                        |      |        |            |                                                      |         |
| 1177+56                           | Rt.  |                                |       |                              |            | 1                        | "          |                        |      |        |            |                                                      |         |
| 1179+09                           | Lt.  |                                |       |                              |            | 1                        | "          |                        |      |        |            |                                                      |         |
| 1199+04                           | Lt.  |                                |       |                              |            | 1                        | "E"        |                        |      |        |            |                                                      |         |
| 1199+55                           | Rt.  |                                |       |                              |            | 1                        | "F"        |                        |      |        |            |                                                      |         |
| 1199+67                           | Lt.  |                                |       |                              |            | 1                        | "F"        |                        |      |        |            |                                                      |         |
| 1214+58                           | Rt.  |                                |       |                              |            | 1                        | Double "F" |                        |      |        |            |                                                      |         |
| 1214+65                           | Lt.  |                                |       |                              |            | 1                        | "F"        |                        |      |        |            |                                                      |         |
| 1215+91                           | Lt.  |                                |       |                              |            | 1                        | "E"        |                        |      |        |            |                                                      |         |
| 1215+95                           | Lt.  |                                |       |                              |            | 1                        | "F"        |                        |      |        |            |                                                      |         |
| 1217+40                           | Lt.  |                                |       |                              |            | 1                        | "E"        |                        |      |        |            |                                                      |         |
| 1222+84                           | Lt.  |                                |       |                              |            | 1                        | "F"        |                        |      |        |            |                                                      |         |
| 1227+32                           | Rt.  |                                |       |                              |            | 1                        | "F"        |                        |      |        |            |                                                      |         |
| 1227+87                           | E    | 1                              | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1231+51                           | Lt.  |                                | "     |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1234+37                           | E    | 1                              | "     |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1236+10                           | E    | 1                              | "     |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1236+16                           | Lt.  |                                | "     |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1237+69                           | E    | 1                              | "     |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1237+75                           | Lt.  | 1                              | "     |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1238+03                           | Lt.  |                                |       |                              |            |                          |            | 1                      | "C"  |        | 1.0        |                                                      |         |
| 1238+74                           | E    | 1                              | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1238+75                           | Lt.  | 1                              | "     |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1240+01                           | Lt.  |                                |       |                              |            | 1                        | Type A     |                        |      |        |            |                                                      |         |
| 1240+91                           | Lt.  | 1                              | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1241+01                           | Rt.  |                                |       |                              |            | 1                        | Type A     |                        |      |        |            |                                                      |         |
| 1243+95                           | Lt.  |                                |       |                              |            | 1                        | Type A     |                        |      |        |            |                                                      |         |
| 1244+01                           | E    | 1                              | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1244+93                           | Rt.  |                                |       |                              |            |                          |            |                        |      | 1      |            | 2' Sump in inlet box<br>See sketch on<br>this sheet. |         |
| 1245+37                           | Lt.  |                                |       | 1                            | "F"        |                          |            |                        |      | 1      |            |                                                      |         |
| 1252+85                           | Rt.  |                                |       | 1                            | "F"        |                          |            |                        |      |        |            |                                                      |         |
| 1252+89                           | Lt.  |                                |       |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 1257+39                           | Lt.  | 1                              | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| Totals                            |      | 13                             |       | 16                           |            | 3                        |            | 1                      |      |        | 2          | 1.0                                                  |         |
| ROUTE 4 SPUR SEC. A               |      |                                |       |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 9+33                              | Lt.  |                                |       |                              |            |                          |            |                        |      | 1      |            |                                                      |         |
| 9+38                              | Lt.  |                                |       |                              |            |                          |            |                        |      |        | 2.0        | 6" Special                                           |         |
| 11+30                             | Lt.  |                                |       |                              |            |                          |            |                        |      |        |            | Complete                                             |         |
| 20+18                             | Lt.  | 1                              | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 21+35                             | E    |                                |       |                              |            | 1                        | Type A     |                        |      |        |            |                                                      |         |
| 22+10                             | Rt.  |                                |       |                              | "E"        |                          |            |                        |      |        |            |                                                      |         |
| Totals                            |      | 1                              |       | 1                            |            | 1                        |            |                        |      | 1      | 1          | 2.0                                                  |         |
| ROUTE 5 SPUR 2                    |      |                                |       |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 31+18.5                           | E    | 1                              | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| 37+04                             | Lt.  |                                | Storm |                              |            |                          |            |                        |      |        |            |                                                      |         |
| Totals                            |      | 2                              |       |                              |            |                          |            |                        |      |        |            |                                                      |         |

# ADJUSTMENT TO STREET INTERSECTIONS AND DRIVES

| Station         | Street        | Side | A   | B   | Tons Bit Surf Course JA-1 | Remarks                        |
|-----------------|---------------|------|-----|-----|---------------------------|--------------------------------|
| ROUTE 4 SEC. 20 |               |      |     |     |                           |                                |
| 1177+35         | North         | Lt.  | 22' | 31' | 5.9'                      | 2 1/2' to less than 1/2' Depth |
| 1186+70         | Flat Road     | Rt.  | 12' | 39' | 4.1                       | Do                             |
| 1186+76         | Coal          | Lt.  | 10' | 30' | 2.6                       | Do                             |
| 1191+91         | Franklin      | Lt.  | 3'  | 26' | 0.7                       | Do                             |
| 1192+36         | Ransom        | Rt.  | 3'  | 23' | 0.6                       | Do                             |
| 1193+89         | Templeton Al. | Rt.  | 3'  | 20' | 0.5                       | Do                             |
| 1195+42         | Blair         | Lt.  | 3'  | 24' | 0.6                       | Do                             |
| 1197+38         | Davenport     | Lt.  | 3'  | 32' | 0.8                       | Do                             |
| 1211+46         | Wagner Lane   | Rt.  | 3'  | 16' | 0.4                       | Do                             |
| 1212+71         | Turner        | Lt.  | 3'  | 36' | 0.9                       | Do                             |
| 1215+80         | Academy       | Lt.  | 3'  | 48' | 1.2                       | Do                             |
| 1216+19         | Powell        | Rt.  | 3'  | 18' | 0.5                       | Do                             |
| 1217+50         | Downing       | Lt.  | 4'  | 32' | 1.1                       | Do                             |
| 1223+35         | Wadham        | Lt.  | 3'  | 36' | 0.9                       | Do                             |
| 1226+05         | Girard        | Lt.  | 3'  | 28' | 0.7                       | Do                             |
| 1227+61         | Hanover       | Rt.  | 3'  | 48' | 1.2                       | Do                             |
| 1228+20         | Gaylor        | Lt.  | 3'  | 38' | 1.0                       | Do                             |
| 1231+57         | N.Center      | Lt.  | 3'  | 34' | 0.9                       | Do                             |
| 1231+57         | S.Center      | Rt.  | 3'  | 24' | 0.6                       | Do                             |
| 1237+88         | Eno           | Lt.  | 3'  | 40' | 1.0                       | Do                             |
| 1238+61         | Caroline      | Rt.  | 3'  | 34' | 0.9                       | Do                             |
| 1245+15         | N. Cherry     | Lt.  | 3'  | 44' | 1.1                       | Do                             |
| 1248+60         | Elm           | Lt.  | 3'  | 22' | 0.6                       | Do                             |
| 1252+62         | Vine          | Rt.  | 3'  | 38' | 1.0                       | Do                             |
| 1252+71         | Vine          | Lt.  | 3'  | 48' | 1.2                       | Do                             |
| 1256+95         | Jeanette      | Lt.  | 3'  | 30' | 0.8                       | Do                             |
| TOTALS          |               |      |     |     | 31.8                      | Call 32 Tons                   |

| ROUTE 4 SPUR SEC. "A" |            |     |     |      |     |                                |
|-----------------------|------------|-----|-----|------|-----|--------------------------------|
| 9+26                  | Chestnut   | Lt. | 3'  | 44'  | 1.1 | 2 1/2' to less than 1/2' Depth |
| 16+69-117+99          | Drive      | Rt. | 9'  | 130' | 3.4 | Do                             |
| 24+07                 | Rte. 40132 | Lt. | 10' | 60'  | 5.2 | Do                             |
| TOTALS                |            |     |     |      | 9.7 | CALL 10 TONS                   |

| ADJUSTMENT AT ENDS OF RESURFACING                                                       |         |             |                                |                                |      |              |
|-----------------------------------------------------------------------------------------|---------|-------------|--------------------------------|--------------------------------|------|--------------|
| ROUTE 4 SEC. 20                                                                         |         |             |                                |                                |      |              |
| Sta. to Sta.                                                                            | Length  | Width       | Tons Bit Surface Course - JA-1 | Remarks                        |      |              |
| 1172+17-1172+27                                                                         | 10'     | 30'         | 2.6                            | 2 1/2" Depth to less than 1/2" |      |              |
| TOTALS                                                                                  |         |             | 2.6                            | CALL 3 Tons                    |      |              |
| ROUTE 4 SPUR SEC. "A"                                                                   |         |             |                                |                                |      |              |
| 24+65-24+75                                                                             | 10'     | 40'         | 3.5                            | 2 1/2" Depth to less than 1/2" |      |              |
| 18+85.70-18+95.70                                                                       | 10'     | 36'         | 3.1                            |                                |      |              |
| 13+65.90-13+70.90                                                                       | 10'     | 36'         | 3.1                            |                                |      |              |
| TOTAL                                                                                   |         |             | 9.7                            | CALL 10 TONS                   |      |              |
| JA-1 TOP COURSE MATERIAL FOR BACKFILL WHERE RAILHEAD HAS BEEN REMOVED (ROUTE 4 SEC. 20) |         |             |                                |                                |      |              |
| Sta. to Sta.                                                                            | Length  | Aver. Width | Aver. Depth                    | Cu. Ft.                        | Tons | Remarks      |
| 1182+85.5-1185+88.5                                                                     | 303.00  | 0.42        | 0.20                           | 50.90                          | 3.4  | Single Track |
| 1227+87.5-1243+70                                                                       | 1582.50 | 0.42        | 0.20                           | 531.72                         | 35.4 | Double Track |
| TOTAL                                                                                   |         |             |                                |                                | 38.8 |              |
|                                                                                         |         |             |                                | CALL 39 Tons                   |      |              |

| 8" PLAIN CEMENT CONCRETE BASE COURSE (Spec. Mix) ITEM N2 19 |              |             |               |               |                           |
|-------------------------------------------------------------|--------------|-------------|---------------|---------------|---------------------------|
| Sta                                                         | to Sta.      | Length      | Width         | Sq. Ft.       | Remarks                   |
|                                                             |              | ROUTE 4     | SEC. 20       |               |                           |
| 1172+27                                                     | - 1182+85.5  | 1058.5'     | 9.0           | 9526.5        | Trolley Area              |
| 1199+05                                                     | - 1199+20.27 | 15.27       | 33.0          | 503.9         | R.R. Crossing Approach    |
| 1199+54.93                                                  | - 1199+95.5  | 30.57       | 33.0          | 1022.0        | " " " "                   |
| 1243+70                                                     | - 1244+85    | —           | —             | 2223.5        | See Sketch "C"            |
| Total                                                       |              |             |               | 13275.9       |                           |
| 13275.9 ÷ 9 =                                               |              | 1475.1 S.Y. | Call          | 1476 Sq. Yds. |                           |
|                                                             |              | ROUTE 4     | SPUR SEC. "A" |               |                           |
| 0+81                                                        | - 18+95.7    | 184.7       | 9.0'          | 16,332.3      | Trolley Area              |
| 19+05.6                                                     | - 23+59      | 453.4       | 9.0'          | 4080.6        | Trolley Area              |
|                                                             |              | Total       |               | 20,412.9      |                           |
| 20,412.9 ÷ 9 = 2268.1                                       |              | Call        | 2269 Sq. Yds. |               |                           |
|                                                             |              | ROUTE 5     | SPUR 2        |               |                           |
| 34+20.54                                                    | - 36+13      | 192.46      | 32.0'         | 6158.72       |                           |
| 36+13                                                       | - 36+64.5    | 51.50       | 30.75'        | 1583.63       | Steel Drain Area Deducted |
| 36+64.5                                                     | - 41+37      | 472.50      | 32.0'         | 15120.00      |                           |
|                                                             |              | Total       |               | 22862.35      |                           |
| 22862.35 ÷ 9 = 2540.26                                      |              | Sq. Yds.    | Call 2541     | Sq. Yds.      |                           |

| MISCELLANEOUS PIPES AND CONCRETE |      |                    |                 |               |                         |                     |                                      |  |  |
|----------------------------------|------|--------------------|-----------------|---------------|-------------------------|---------------------|--------------------------------------|--|--|
| Station                          | Side | C.Y.<br>C.I.2 Exc. | 15"<br>R.C.C.P. | 18"<br>C.M.P. | C.Y. C.I.8"<br>Concrete | lbs. Reinf.<br>Bars | Remarks                              |  |  |
| 9 + 35                           | Lt   | 4                  | 14'             |               |                         |                     | Connect New Inlet to existing inlet  |  |  |
| 11 + 30                          | Rt   | 2                  | 6'              |               |                         |                     | Connect New Inlet to Junction Box    |  |  |
| 11 + 30                          | Lt   | 4                  |                 |               | 13                      | 28                  | Junction Box (See Sketch this Sheet) |  |  |
| 22 + 10                          | Rt   | 1                  | 4'              |               |                         |                     | Outlet Pipe for existing inlet       |  |  |
| 22 + 50                          | Lt   | 6                  |                 | 20            | 13                      | 28                  | Junction Box (See Sketch this Sheet) |  |  |
| TOTALS                           |      | 17                 | 24'             | 20            | 26                      | 56                  |                                      |  |  |
| ROUTE 4 SPUR SEC. "A"            |      |                    |                 |               |                         |                     |                                      |  |  |

FOR SUMMARY OF TABULATIONS  
See Required List  
Route 4 Sec. 20.....Sheet No 5  
Route 4 Spur Sec. "A".....Sheet No 6  
Route 5 Spur Sec. 2.....Sheet No 7

