

| DRAINAGE SCHEDULE                  |            |  |                          |                          |                          |                          |                               |                    |     |     |     |     |                         |
|------------------------------------|------------|--|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------|--------------------|-----|-----|-----|-----|-------------------------|
| LOCATION (STATION)                 | OFFSET     | PIPE CULVERTS                                |                          |                          |                          |                          |                               | METAL END SECTIONS |     |     |     |     | STORM SEWER<br>12" RCCP |
|                                    |            | CS/A<br>T-1<br>12"<br>FT                     | CS/A<br>T-1<br>15"<br>FT | CS/A<br>T-1<br>24"<br>FT | CS/A<br>T-2<br>48"<br>FT | CS/A<br>T-2<br>60"<br>FT | TEMP<br>CS/A T-1<br>15"<br>FT | 12"                | 15" | 24" | 48" | 60" |                         |
| IL 78                              |            |  |                          |                          |                          |                          |                               |                    |     |     |     |     |                         |
| 854+38                             | 27.5' Lt.  |  | 42                       |                          |                          |                          |                               |                    | 1   |     |     |     |                         |
| 854+85                             | Varies Lt. |  | 70                       |                          |                          |                          |                               |                    | 1   |     |     |     |                         |
| 854+96                             | 28' Rt.    |  | 96                       |                          |                          |                          |                               |                    | 2   |     |     |     |                         |
| 857+01                             | Varies Rt. |  | 48                       |                          |                          |                          |                               |                    | 2   |     |     |     |                         |
| 857+13                             | Varies Lt. |  | 113                      |                          |                          |                          |                               |                    | 2   |     |     |     |                         |
| 857+90                             | 25.6' Rt.  |  | 87                       |                          |                          |                          |                               |                    | 2   |     |     |     |                         |
| 858+80                             | Varies Lt. |  |                          | 74                       |                          |                          |                               |                    |     | 2   |     |     |                         |
| 859+90                             | Varies Rt. |  |                          | 66                       |                          |                          |                               |                    |     | 2   |     |     |                         |
| 864+25                             | Varies Lt. | 40   |                          |                          |                          |                          | 1                             |                    |     |     |     |     |                         |
| 864+46.5                           | Varies Lt. | 14   |                          |                          |                          |                          |                               |                    |     |     |     |     |                         |
| 864+46.5                           | Varies Rt. | 10   |                          |                          |                          |                          | 1                             |                    |     |     |     |     |                         |
| 869+20                             | Varies Rt. |  |                          |                          | 96                       |                          |                               |                    |     |     | 2   |     |                         |
| 884+50                             | Varies Lt. |  |                          |                          |                          | 40                       |                               |                    |     |     |     |     |                         |
| 885+00                             | 78' Rt.    |  |                          |                          | 86                       |                          |                               |                    |     |     | 2   |     |                         |
| 892+00                             | Varies Lt. |  |                          |                          |                          | 40                       |                               |                    |     |     |     |     |                         |
| 898+60                             |            | See Boat Ramp Access Road- Mason Co. (below) |                          |                          |                          |                          |                               |                    |     |     |     |     |                         |
| 899+00                             |            | See Boat Ramp Access Road- Mason Co. (below) |                          |                          |                          |                          |                               |                    |     |     |     |     |                         |
| 902+00                             |            | See Boat Ramp Access Road- Mason Co. (below) |                          |                          |                          |                          |                               |                    |     |     |     |     |                         |
| 903+84                             | 0' Rt.     |  |                          |                          |                          |                          |                               |                    |     |     |     | 34  |                         |
| 903+89                             | Varies Rt. | 40   |                          |                          |                          |                          | 1                             |                    |     |     |     |     |                         |
| SUBTOTAL MASON COUNTY              |            | 104  | 456                      | 140                      | 182                      | 0                        | 80                            | 3                  | 10  | 4   | 4   | 0   | 34                      |
| 922+61                             | 0' Rt.     |  |                          |                          |                          |                          |                               |                    |     |     |     | 41  |                         |
| 925+00                             | 88' Rt.    |  |                          |                          |                          | 80                       |                               |                    |     |     |     | 2   |                         |
| 925+00                             | 96.5' Lt.  |  |                          |                          |                          | 80                       |                               |                    |     |     |     | 2   |                         |
| 927+00                             | 0' Rt.     |  |                          |                          |                          |                          | 40                            |                    |     |     |     |     |                         |
| 939+00                             | Varies Lt. |  |                          |                          |                          |                          | 40                            |                    |     |     |     |     |                         |
| SUBTOTAL CASS COUNTY               |            | 0  | 0                        | 0                        | 0                        | 160                      | 80                            | 0                  | 0   | 0   | 0   | 4   | 41                      |
| SUBTOTALS - IL 78                  |            | 104  | 456                      | 140                      | 182                      | 160                      | 160                           | 3                  | 10  | 4   | 4   | 4   | 75                      |
| BOAT RAMP ACCESS ROADS - MASON CO. |            |  |                          |                          |                          |                          |                               |                    |     |     |     |     |                         |
| 898+60 (1+45)                      | Varies Lt. |  | 45                       |                          |                          |                          |                               |                    | 2   |     |     |     |                         |
| 899+00 (1+85)                      | Varies Lt. |  |                          |                          |                          |                          | 44                            |                    |     |     |     |     |                         |
| 902+00 (4+85)                      | Varies Lt. |  |                          |                          |                          |                          | 40                            |                    |     |     |     |     |                         |
| SUBTOTALS - BOAT RAMP ACCESS       |            | 0  | 45                       | 0                        | 0                        | 0                        | 84                            | 0                  | 2   | 0   | 0   | 0   | 0                       |
| TOTALS                             |            | 104  | 501                      | 140                      | 182                      | 160                      | 244                           | 3                  | 12  | 4   | 4   | 4   | 75                      |

| ESTIMATED QUANTITIES FOR GEOTECHNICAL WORK  |                           |                    |
|---|---------------------------|--------------------|
| THE FOLLOWING ARE ESTIMATED QUANTITIES FOR CORRECTING GEOTECHNICAL PROBLEMS. THESE QUANTITIES MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THESE QUANTITIES SHALL BE PERFORMED WITHOUT APPROVAL AND DIRECTION OF THE ENGINEER. |                           |                    |
| THE FOLLOWING ARE ESTIMATED QUANTITIES FOR GROUND IMPROVEMENT PRIOR TO PLACING CONCRETE BOX CULVERTS.   |                           |                    |
| Pay Item  | LOCATION                  | QUANTITY           |
| ROCKFILL - FOUNDATION   | STA 935+35                | 300 Tons           |
| THE FOLLOWING ARE ESTIMATED QUANTITIES FOR GROUND IMPROVEMENT PRIOR TO PLACING EMBANKMENT.  |                           |                    |
| PAY ITEM  | APPROXIMATE LOCATION      | QUANTITY           |
| TEMPORARY DITCH*  | Various: 869+40 to 897+30 | 1,600 cubic yards  |
| PUMPING   | Various: 869+40 to 897+30 | 1 month            |
| REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL   | 859+50 to 861+25          | 3,500 cubic yards  |
|   | Various: 869+40 to 897+30 | 4,000 cubic yards  |
|   | 934+80 to 936+80          | 1,800 cubic yards  |
| GROUND STABILIZATION GEOSYNTHETIC   | 931+00 to 936+00          | 9,000 square yards |
| ROCKFILL - EMBANKMENT   | 931+00 to 936+00          | 11,200 Tons        |
|   | Various: 869+40 to 897+30 | 8,000 Tons         |
| ROCKFILL-SPECIAL**  | 859+50 to 861+25          | 6,600 Tons         |
| THE FOLLOWING ARE ESTIMATED QUANTITIES FOR PROTECTING THE CHANDLERVILLE LEVEE.  |                           |                    |
| PAY ITEM  | APPROXIMATE LOCATION      | QUANTITY           |
| TEMPORARY SHEET PILING  | 935+75 to 936+00          | 2196 SQ FT         |

\* Earth Excavation required for Temporary Ditch Construction in Area 1.  
 \*\* Rockfill-Special required to replace any removal and disposal of unsuitable material.

| DRAINAGE STRUCTURE SCHEDULE |           |                      |                              |                         |  |
|-----------------------------|-----------|----------------------|------------------------------|-------------------------|--|
| LOCATION (STATION)          | OFFSET    | INLET T-A<br>W/ T-8G | TEMP<br>INLET T-A<br>W/ T-8G | INLET T-C<br>STD 609006 | 4' MANHOLE,<br>TY A W/ TY 1<br>FR & CL |
|                             |           | EACH                 | EACH                         | EACH                    |  |
| 854+55                      | 27.5' Lt. | 1                    |                              |                         |  |
| 864+46.5                    | 29.3' Lt  |                      |                              |                         | 1                                      |
| 864+46.5                    | 15' Lt    |                      |                              | 1                       |  |
| 864+46.5                    | 15' Rt    |                      |                              | 1                       |  |
| 899+00                      | 29' Lt.   |                      | 1                            |                         |  |
| 902+00                      | 29' Lt.   |                      | 1                            |                         |  |
| 903+84                      | 15' Lt    |                      |                              | 1                       |  |
| 904+02                      | 15' Rt    |                      |                              | 1                       |  |
| SUBTOTAL MASON COUNTY       |           | 1                    | 2                            | 4                       | 1                                      |
| 922+52                      | 15' Lt    |                      |                              | 1                       |  |
| 922+70                      | 15' Rt    |                      |                              | 1                       |  |
| 927+00                      | 28' Lt    |                      | 1                            |                         |  |
| 939+00                      | 28' Lt    |                      | 1                            |                         |  |
| SUBTOTAL CASS COUNTY        |           | 0                    | 2                            | 2                       | 0                                      |
| TOTALS                      |           | 1                    | 4                            | 6                       | 1                                      |

| PERMANENT EROSION CONTROL |                                   |                                 |
|---------------------------|-----------------------------------|---------------------------------|
| APPROX LOCATION           | AGGREGATE<br>(EROSION<br>CONTROL) | EARTH EX FOR<br>EROSION CONTROL |
|                           | TON                               | CU YD                           |
| STA 855+71, 28' LT.       | 4.3                               | 3.56                            |
| STA 855+86, 29' RT        | 4.3                               | 3.56                            |
| STA 859+47, 60' RT        | 11.9                              |                                 |
| STA 860+76, 83' RT        | 11.9                              |                                 |
| STA 861+14, 84' RT        | 11.9                              |                                 |
| STA 864+20, 250' LT       | 4.3                               | 3.56                            |
| STA 864+38, 76' RT        | 11.9                              |                                 |
| STA 864+56, 77' RT        | 4.3                               | 3.56                            |
| STA 864+81, 157' RT       | 4.3                               | 3.56                            |
| STA 865+73, 78' RT        | 4.3                               | 3.56                            |
| STA 869+98, 89' LT        | 4.3                               | 3.56                            |
| STA 870+09, 74' RT        | 4.3                               | 3.56                            |
| STA 885+64, 79' RT        | 4.3                               | 3.56                            |
| STA 885+64, 120' LT       | 4.3                               | 3.56                            |
| STA 902+97, 61' LT        | 11.9                              |                                 |
| STA 903+53, 69' LT        | 11.9                              |                                 |
| STA 906+05, 113' RT       | 11.9                              |                                 |
| STA 908+91, 196' LT       | 11.9                              |                                 |
| SUBTOTAL MASON COUNTY     |                                   | 138.2                           |
| STA 907+18, 196' LT       | 11.9                              |                                 |
| STA 907+43, 196' LT       | 11.9                              |                                 |
| STA 924+32, 87' RT        | 11.9                              |                                 |
| STA 934+43, 91' LT        | 11.9                              |                                 |
| STA 934+49, 61' RT        | 11.9                              |                                 |
| STA 935+30, 120' RT       | 11.9                              |                                 |
| STA 937+33, 110' LT       | 4.3                               | 3.56                            |
| STA 939+00, 52' RT        | 4.3                               | 3.56                            |
| STA 946+30, 54' RT        | 4.3                               | 3.56                            |
| SUBTOTAL CASS COUNTY      |                                   | 84.3                            |
| TOTAL                     |                                   | 222.5                           |
|                           |                                   | 46                              |

| HEAVY DUTY EXCELSIOR BLANKET |       |
|------------------------------|-------|
| LOCATION                     | TOTAL |
| MASON COUNTY                 | 150   |
| CASS COUNTY                  | 100   |
| TOTAL                        | 250   |

| RESURFACING SCHEDULE (BOAT RAMP ACCESS ROAD PAVEMENT) |  |                                       |                           |   |   |  |   |
|---|--|---------------------------------------|---------------------------|---|---|--|---|
| LOCATION<br>STATION TO STATION                        | SUB-BASE<br>GRANULAR<br>MATERIAL,<br>TY. B, 5" | AGG.<br>SURF.<br>COURSE,<br>TY. A, 3" | BIT MATL<br>PRIME<br>COAT | BIT MATL<br>COVER &<br>SEAL COATS<br>(2 APPS TTL) | COVER AND<br>SEAL COAT<br>AGG (2<br>APPS TTL) | HMA<br>BINDER<br>COURSE,<br>IL 19.0, N50 | HMA<br>SURFACE<br>COURSE,<br>MIX "C", N50 |
|   |  |                                       |                           |   |   |  |   |
| 0+12  | 0+54   | 64.83                                 | 38.09                     |   |   | 30.70                                    | 18.24                                     |
| 0+54  | 1+40   | 77.70                                 | 45.55                     |   |   | 36.65                                    | 21.75                                     |
| 1+40  | 1+65   | 13.89                                 | 8.01                      |   |   | 6.39                                     | 3.76                                      |
| 1+65  | 2+38   | 92.45                                 | 54.44                     | 0.46  | 0.93  | 6.49                                     | 0   |
| 2+38  | 2+60.5   | 34.31                                 | 20.00                     | 0.17  | 0.34  | 2.41                                     | 0   |
| 2+60.5  | 4+76   | 230.71                                | 132.97                    | 1.15  | 2.31  | 16.21                                    | 0   |
| 4+76  | 4+98.5   | 34.31                                 | 20.00                     | 0.17  | 0.34  | 2.41                                     | 0   |
| 4+98.5  | 5+71   | 91.48                                 | 54.28                     | 0.46  | 0.92  | 6.43                                     | 0   |
| 5+71  | 7+01   | 69.53                                 | 40.10                     | 0.35  | 0.70  | 4.88                                     | 0   |
| 7+01  | 8+54   | 359.23                                | 213.57                    | 1.80  | 3.60  | 25.23                                    | 0   |
| 8+54  | 10+21.5  | 601.50                                | 358.67                    | 3.01  | 6.02  | 42.25                                    | 0   |
| TOTALS  |  | 1670                                  | 986                       | 7.6   | 15  | 106                                      | 44  |

| SIGNING SCHEDULE          |                                     |                      |                                      |
|---------------------------|-------------------------------------|----------------------|--------------------------------------|
| LOCATION                  | SIGN MESSAGE                        | SIGN<br>PANEL<br>T-1 | TELESCOPING<br>STEEL SIGN<br>SUPPORT |
|                           |                                     | SQ FT                | FOOT                                 |
| RT STA 874+00             | S-CURVE AHEAD SIGN (W1-5)           | 9.0                  | 24.0                                 |
| BOAT RAMP PARKING AREA    | HANDICAPPED PARKING SIGNS (R7-8)    | 2.25                 | 36.0                                 |
| BOAT RAMP ACCESS STA 0+45 | STOP SIGN (R1-1)                    | 9.0                  | 24.0                                 |
| BOAT RAMP ACCESS STA 0+45 | CROSS TRAFFIC DOES NOT STOP (2C-50) | 6.0                  | 24.0                                 |
| SUBTOTAL MASON COUNTY     |                                     | 26.3                 | 108.0                                |
| LT STA 952+00             | S-CURVE AHEAD SIGN (W1-5)           | 9.0                  | 24.0                                 |
| SUBTOTAL CASS COUNTY      |                                     | 9.0                  | 24.0                                 |
| TOTAL                     |                                     | 35                   | 132                                  |

| TEMPORARY EROSION CONTROL - ESTIMATED QUANTITIES SCHEDULE |      |                 |                |       |
|---|------|-----------------|----------------|-------|
| ITEMS   | UNIT | MASON<br>COUNTY | CASS<br>COUNTY | TOTAL |
| INLET AND PIPE PROTECTION                                 | EACH | 5               | 5              | 10    |
| PERIMETER EROSION BARRIER                                 | FT   | 6259.9          | 5505           | 11765 |

|  |                                    |            |           |
|--|------------------------------------|------------|-----------|
| FILE NAME =                            | USER NAME = laughlin1              | DESIGNED - | REVISED - |
| o:\p\work\PW100T\LAUNCH\INRL\J0134498\ | 45ched.dgn                         | DRAWN -    | REVISED - |
|  | PLOT SCALE = 100.0000' / IN.       | CHECKED -  | REVISED - |
|  | PLOT DATE = Mar-31-2009 07:48:36AM | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

| SCHEDULE OF QUANTITIES |                         |      |         |
|------------------------|-------------------------|------|---------|
| SCALE:                 | SHEET NO. 3 OF 5 SHEETS | STA. | TO STA. |

|   |               |             |                    |              |
|---|---------------|-------------|--------------------|--------------|
| F.A.P<br>RTE.                                 | SECTION       | COUNTY      | TOTAL<br>SHEETS    | SHEET<br>NO. |
| 614   | 144(B-1, B-2) | CASS, MASON | 351                | 10           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |               |             | CONTRACT NO. 72A76 |              |

Rev.