

| F.A.S. RTE. | SECTION | COUNTY   | TOTAL SHEETS | SHEET NO. |
|-------------|---------|----------|--------------|-----------|
| 338         | 34 BR-1 | IROQUOIS | 37           | 5         |

|                                |                  |
|--------------------------------|------------------|
| STA.                           | TO STA.          |
| FED. ROAD DIST. NO. 3 ILLINOIS | FED. AID PROJECT |

P93-038-99  
D-93-014-04

| STATION    | OFFSET    | SIZE (UNIT) |
|------------|-----------|-------------|
| 1898+76.00 | 47' RIGHT | 13.0        |
| 1898+72.00 | 44' RIGHT | 13.0        |
| 1898+65.00 | 42' RIGHT | 6.0         |
| 1898+27.00 | 88' RIGHT | 12.2        |
| 1898+27.00 | 83' RIGHT | 10.7        |
| 1898+27.00 | 76' RIGHT | 7.6         |
| 1898+23.00 | 45' RIGHT | 6.5         |
| 1898+35.00 | 42' RIGHT | 12.6        |
| 1898+35.00 | 32' RIGHT | 7.3         |
| 1898+23.00 | 33' RIGHT | 6.0         |
| 1898+20.00 | 42' RIGHT | 8.4         |
| 1898+17.00 | 76' RIGHT | 8.0         |
| 1897+90.00 | 47' RIGHT | 8.0         |
| 1897+91.00 | 62' RIGHT | 6.0         |
| 1897+91.00 | 62' RIGHT | 6.0         |
| 1897+91.00 | 62' RIGHT | 6.0         |
| 1897+80.00 | 42' RIGHT | 6.0         |
| 1897+80.00 | 53' RIGHT | 6.0         |
| 1897+80.00 | 55' RIGHT | 6.0         |
| 1897+80.00 | 64' RIGHT | 6.0         |
| 1897+81.00 | 91' RIGHT | 7.3         |
| 1897+85.00 | 92' RIGHT | 6.5         |
| 1897+70.00 | 36' RIGHT | 8.0         |
| 1897+73.00 | 42' RIGHT | 6.0         |
| 1897+65.00 | 33' RIGHT | 8.0         |
| 1897+64.00 | 41' RIGHT | 7.0         |
| 1897+61.00 | 32' RIGHT | 6.0         |
| TOTAL      | =         | 210.1       |

| LOCATION                                     | PERIMETER EROSION BARRIER | EROSION CONTROL BLANKET | TEMPORARY EROSION CONTROL SEEDING (3 APPLICATIONS) | INLET & PIPE PROTECTION | TEMPORARY FENCE | SEEDING, CLASS 5A | SEEDING, CLASS 4 | SEEDING, CLASS 2A | TEMPORARY DITCH CHECKS | STONE RIPRAP, CLASS A4 |
|--|---------------------------|-------------------------|--|-------------------------|-----------------|-------------------|------------------|-------------------|------------------------|------------------------|
|  | FOOT                      | SQ YD                   | POUND  | EACH                    | FOOT            | ACRE              | ACRE             | ACRE              | EACH                   | SQ.YD.                 |
| NORTH OF BRIDGE                              | 1004.0                    | 2443.0                  | 181.0  | 2.0                     | 470.0           |                   |                  | 0.16              |                        |                        |
| SOUTH OF BRIDGE                              | 957.0                     | 2361.0                  | 152.0  | 2.0                     |                 |                   |                  | 0.32              |                        |                        |
| AT MESIC PRAIRIE (N. OF LOUIS CREEK) CHANNEL |                           |                         |  |                         |                 | 0.30              | 0.30             |                   | 2.0                    | 565.90                 |
| TOTALS =                                     | 1961.0                    | 4804.0                  | 333.0  | 4.0                     | 470.0           | 0.30              | 0.30             | 0.48              | 2.0                    | 1616.90* <sub>a</sub>  |

| LOCATION                           | TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT) | SPBGR TYPE A | TRAFFIC BARRIER TERMINAL, TYPE 6 |
|------------------------------------|--|--------------|----------------------------------|
|                                    | EACH   | FOOT         | EACH                             |
| STRUCTURE NO. 038-0212 - NORTHEAST | 1  | 125.0        | 1                                |
| STRUCTURE NO. 038-0212 - NORTHWEST | 1  | 250.0        | 1                                |
| STRUCTURE NO. 038-0212 - SOUTHEAST | 1  | 250.0        | 1                                |
| STRUCTURE NO. 038-0212 - SOUHTWEST | 1  | 125.0        | 1                                |
| TOTALS =                           | 4  | 750.0        | 4                                |

| LOCATION                              | BRIDGE APPROACH PAVEMENT | PROTECTIVE COAT |
|---------------------------------------|--------------------------|-----------------|
|                                       | SQ YD                    | SQ YD           |
| STRUCTURE NO. 038-0212 NORTH APPROACH | 107.0                    | 107.0           |
| STRUCTURE NO. 038-0212 SOUTH APPROACH | 107.0                    | 107.0           |
| BRIDGE APPROACH CONNECTORS            |                          | 43.0            |
| TOTALS =                              | 214.0                    | 257.0           |

\*<sub>a</sub> (FOR CHANNEL 565.90 SQ YD+ FOR STRUCTURE 1051.00 SQ YD = 1616.90 SQ YD)

| LOCATION                 | EARTH EXCAVATION | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE | INCIDENTAL EXCAVATION MATERIAL | INCIDENTAL EXC. MATERIAL ADJUSTED FOR SHRINKAGE | EMBANKMENT (NOT A PAY ITEM) | EARTHWORK BALANCE WASTE(+) OR SHORTGAE(-) | TOPSOIL EXCAVATION AND PLACEMENT |
|--------------------------|------------------|---|--------------------------------|---|-----------------------------|---|----------------------------------|
|                          | CU YD            | CU YD                                   | CU YD                          | CU YD   | CU YD                       | CU YD                                     | CU YD                            |
| N OF BRIDGE CUTS & FILLS | 17.0*            | 12.8                                    |                                |   | 328.3                       | -328.3                                    | +129.1                           |
| S OF BRIDGE CUTS & FILLS | 10.8*            | 8.1                                     |                                |   | 476.0                       | -476.0                                    | +170.2                           |
| CHANNEL EXCAVATION       | 1418.0*          | 1063.5                                  |                                |   | 121.0                       | -121.0                                    |                                  |
| STRUCTURE EXCAVATION     | 86.0             | 64.5                                    |                                |   |                             | +64.5                                     |                                  |
| TOTALS =                 | 1531.8           | 1148.9                                  |                                |   | 925.3                       | -860.8                                    | +299.3                           |

NOTE: SHRINKAGE FACTOR = 25% FOR EARTH EXCAVATION AND STRUCTURE EXCAVATION  
\* (17.0+10.8+1418.0 = 1445.8 CU YD) QUANTITY WILL BE PAID AS CHANNEL EXCAVATION

| LOCATION                               | PAVEMENT REMOVAL |
|--|------------------|
|  | SQ YD            |
| STA. 1897+29.50 TO BK. EXIST. N. ABUT. | 142.0            |
| BK. EXIST. S. ABUT. TO STA. 1898+90.50 | 142.0            |
| TOTALS =                               | 284.0            |

| LOCATION                       | TON  |
|--------------------------------|------|
| STRUCTURE NO. 038-0212 - NORTH | 20.0 |
| STRUCTURE NO. 038-0212 - SOUTH | 20.0 |
| TOTALS =                       | 40.0 |

| LOCATION                    | HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50, | CLASS D PATCHES, TYPE II, 12" |
|-----------------------------|--|-------------------------------|
|                             | TON  | SQ YD                         |
| AS DIRECTED BY THE ENGINEER | 100.0  | 100.0                         |
| TOTALS =                    | 100.0* <sub>c</sub>                          | 273.0* <sub>b</sub>           |

\*<sub>b</sub> (100.0 SQ YD FOR DETOUR ROAD +173.0 SQ. YD. FOR ROADWAY RESURFACE AREA = 273.0)

| LOCATION                           | HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50, | HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50 | BITUMINOUS MATERIALS (PRIME COAT) | HOT-MIX ASPHALT SHOULDERS 8" |
|------------------------------------|--|--|-----------------------------------|------------------------------|
|                                    | TON  | TON  | GALLON                            | SO YD                        |
| STA. 1894+00 TO STA. 1897+23.50    | 72.5   | 119.0                                      | 324.0                             | 226.0                        |
| STA. 1898+96.50 TO STA. 1902+20.20 | 72.5   | 141.0                                      | 324.0                             | 226.0                        |
| TOTALS =                           | 245.0* <sub>c</sub>                          | 260.0                                      | 648.0                             | 452.0                        |

\*<sub>c</sub> (72.5 TON+72.5 TON+100 TON FOR DETOUR RD. = 245.0 TON)

| LOCATION                | PAINT PAVEMENT MARKING - LINE 4" |
|-------------------------|----------------------------------|
|                         | FOOT                             |
| NORTH OF BRIDGE         | 728.0                            |
| SOUTH OF BRIDGE         | 728.0                            |
| BRIDGE & APPROACH SLABS | 390.0                            |
| TOTALS =                | 1846.0                           |

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
BRIDGE REPLACEMENT OVER LOUIS CREEK  
1.7 MILES NORTH OF BUCKLEY

SCHEDULE OF QUANTITIES

SCALE: N.T.S. DRAWN BY J.S.  
DATE OCTOBER, 2006 CHECKED BY DR

SOODAN & ASSOCIATES INC.  
Architects, Engineers & Construction Consultants