

| F.A.I. RTE         | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|---------------------------|--------------|-----------|
| 80/94              | *       | COOK                      | 870          | 250       |
| STA.               |         | TO STA.                   |              |           |
| FED ROAD DIST. NO. |         | ILLINOIS FED. AID PROJECT |              |           |

DRAINAGE STRUCTURE DATA

| STRUCTURE NUMBER | STATION   | OFFSET | LT / RT | TYPE        | INSIDE DIAMETER (METER) | LID/FRAME AND GRATE TYPE | RIM ELEVATION | INVERT ELEVATION |         |         |         | COMMENTS   |
|------------------|-----------|--------|---------|-------------|-------------------------|--------------------------|---------------|------------------|---------|---------|---------|--|
|                  |           |        |         |             |                         |                          |               | N                | S       | E       | W       |  |
| 001              | 18+449.6  | 0      |         | DS TYP 1 SP | 2.4 x 0.9               | T20                      | 181.85        |                  |         |         |         | CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7          |
| 002              | 18+495.8  | 0      |         | DS TYP 1 SP | 2.4 x 0.9               | T20                      | 182.05        |                  |         |         |         | CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7          |
| 003              | 18+543.2  | 0      |         | DS TYP 1 SP | 2.4 x 0.9               | T20                      | 182.30        |                  |         |         |         | CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7          |
| 004              | 18+587.0  | 0      |         | DS TYP 1 SP | 2.4 x 0.9               | T20                      | 182.51        |                  |         |         |         | CONNECT PROPOSED DRAINAGE STRUCTURE TO EXISTING STORM SEWER. SEE NOTE 7          |
| 005              | 18+650.0  | 28.2   | R       | CB SP       | 1.2 x 0.9               | T20                      | 182.42        |                  |         | 180.059 | 180.089 |  |
| 005a             | 10+125.95 | 3.3    | R       | CB SP       | 1.2 x 1.5               | T22                      | 182.63        |                  | 180.209 |         |         | FRONTAGE ROAD STATIONING   |
| 006              | 18+650.0  | 31.0   | R       | CB TYP C    | 0.6                     | T8                       | 181.81        |                  |         | 180.102 |         |  |
| 007              | 18+710.0  | 24.4   | R       | CB SP       | 1.2 x 0.9               | T20                      | 183.03        |                  |         | 180.203 | 180.233 |  |
| 008              | 18+710.0  | 28.9   | R       | CB TYP C    | 0.6                     | T8                       | 181.75        |                  |         | 180.249 |         |  |
| 009              | 18+817.3  | 22.1   | R       | CB SP       | 1.2 x 0.9               | T20                      | 183.04        |                  |         | 178.836 |         |  |
| 010              | 18+893.3  | 21.2   | R       | CB SP       | 1.2 x 0.9               | T20                      | 182.82        |                  |         | 180.800 |         | ELIMINATE SUMP FROM CATCH BASIN DUE TO CLOSE PROXIMITY TO RETAINING WALL FOOTING |
| 011              | 18+931.4  | 21.2   | R       | CB SP       | 1.2 x 0.9               | T20                      | 182.74        |                  |         | 180.800 |         | ELIMINATE SUMP FROM CATCH BASIN DUE TO CLOSE PROXIMITY TO RETAINING WALL FOOTING |
| 012              | 18+950.0  | 21.2   | R       | CB SP       | 1.2 x 1.5               | T22                      | 182.73        |                  |         | 180.800 | 180.830 | ELIMINATE SUMP FROM CATCH BASIN DUE TO CLOSE PROXIMITY TO RETAINING WALL FOOTING |
| 013              | 18+950.0  | 25.3   | R       | CB TYP C    | 0.6                     | T8                       | 181.44        |                  |         | 180.841 |         | NOTE REDUCED STRUCTURE DEPTH WHEN CONSTRUCTING STRUCTURE                         |
| 014              | 19+027.4  | 22.1   | R       | CB SP       | 1.2 x 0.9               | T20                      | 182.88        |                  |         | 180.094 |         |  |
| 015              | 19+103.5  | 26.4   | R       | CB TYP C    | 0.6                     | T8                       | 182.02        |                  |         | 180.669 |         |  |
| 016              | 19+103.5  | 22.1   | R       | CB SP       | 1.2 x 0.9               | T20                      | 183.11        |                  |         | 180.624 | 180.654 |  |
| 017              | 19+245.5  | 22.1   | R       | CB SP       | 1.2 x 0.9               | T20                      | 183.14        |                  |         | 180.238 |         |  |
| 018              | 19+315.5  | 22.1   | R       | CB SP       | 1.2 x 0.9               | T20                      | 182.93        |                  |         | 179.998 |         |  |
| 019              | 19+387.0  | 26.4   | R       | CB TYP C    | 0.6                     | T8                       | 181.70        |                  |         | 179.709 |         |  |
| 020              | 19+387.0  | 22.1   | R       | CB SP       | 1.2 X 1.5               | T22                      | 182.79        |                  |         | 179.664 | 179.694 |  |
| 021              | 19+455.5  | 22.1   | R       | CB SP       | 1.2 X 0.9               | T20                      | 182.90        |                  |         | 179.308 |         |  |
| 022              | 19+515.2  | 22.1   | R       | CB SP       | 1.2 X 0.9               | T20                      | 183.08        |                  |         | 181.588 |         |  |
| 023              | 19+565.0  | 26.8   | R       | CB TYP C    | 0.6                     | T8                       | 182.02        |                  |         | 180.311 |         |  |
| 024              | 19+565.0  | 22.1   | R       | CB SP       | 1.2 x 0.9               | T20                      | 183.23        |                  |         | 180.264 | 180.294 |  |
| 025              | 19+675.0  | 22.1   | R       | CB SP       | 1.2 x 0.9               | T20                      | 183.31        |                  |         | 181.265 |         |  |
| 026              | 19+750.0  | 27.5   | R       | CB TYP C    | 0.6                     | T8                       | 181.85        |                  |         | 181.008 |         |  |

NOTES:

- ALL STATIONING OFF OF  $\pm$  I-94 UNLESS OTHERWISE NOTED
- REFER TO DRAINAGE STRUCTURE PLACEMENT DETAIL FOR LOCATION OF DRAINAGE STRUCTURES ALONG BARRIER WALLS
- RIM ELEVATIONS FOR ALL FLARED END SECTIONS (FES) ARE GIVEN AT THE INVERT ELEVATION
- STATION AND OFFSETS FOR ALL FLARED END SECTIONS ARE GIVEN AT PIPE END CONNECTION
- REFER TO DISTRICT ONE STANDARD CS-7 AND CS-8 FOR CONSTRUCTION OF CATCH BASIN SPECIAL, LOCATED AT BARRIER WALLS
- REFER TO DISTRICT ONE STANDARD CS-8 AND CS-9 FOR CONSTRUCTION OF MEDIAN DRAINAGE STRUCTURES
- EXISTING STORM SEWER MAINLINE LOCATED UNDER GUARDRAIL. UNABLE TO OPEN STRUCTURES TO MEASURE STORM SEWER DEPTH. CONTRACTOR TO VERIFY EXISTING INVERTS PRIOR TO FABRICATION OF DRAINAGE STRUCTURE. WORK INCLUDED IN COST OF DRAINAGE STRUCTURE

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94 EAST BOUND / IL 394 SOUTH BOUND

DRAINAGE AND UTILITIES  
I-94/IL-394 SOUTH BOUND  
SCHEDULE OF QUANTITIES

HORIZ SCALE:  
VERT SCALE:  
DATE: JULY 18, 2005

DRAWN BY: JPH  
CHECKED BY: MAM

**HNTB**