#### **GENERAL NOTES AND CONDITIONS**

All earthwork, grading and paving shall be performed in accordance with Standard Specifications for Road and Bridge Construction in Illinois, State of Illinois Department of Transportation, adopted Jan. 1, 2002, the "Supplemental Specifications and Recurring Special Provision" (current edition), and all revisions and supplements thereto, and the requirements and specifications of the Illinois Department of Transportation and/or Winnebago County (where applicable).

All water main shall be constructed in accordance with the Standard Specifications for Water and Sewer Main Construction in illinois Fifth Edition dated May 1996, and all revisions and supplements thereto, and the Standard Specifications and Requirements of the City of Rockford or City of Loves Park. The Contractor is responsible for familiarizing himself with the

Notify the following at least 72 hours prior to start of construction:

- 1. Winnebago County Highway Dept. (815) 965-9431 2. City of Rockford Dept. of Public Works (815) 987-5570
- 3. City of Loves Park Street Dept. (815) 654-5040
- 4. Arc Design Resources, Inc. (815) 484-4300

The Contractor shall keep careful measurements and records of all construction and shall furnish the Engineer and IDOT with record drawings upon completion of his work.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. The J.U.L.I.E. number is 800-892-0123. These utilities located within the project limits or immediately adjacent to the project construction limits are members of J.U.L.I.E.

Commonwealth Edison Nicor Gas Company
Ameritech Telephone Company Rock River Water Reclamation District
Verizon Communications (GTE) City of Loves Park

These are known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of J.U.L.I.E. and should be notified individually by the Contractor.

Insight Communications Mr. John Martin 811 21st Street Rockford, IL 61110 City of Rockford 425 East State Street 815-962-4400 Rockford II 61104

A minimum of 72 hours advance notice is required for non-emergency work.

The Contractor shall contact the City of Loves Park and/or City of Rockford for all water main shutoffs required due to construction operations. The Contractor shall not operate any valves or shutoffs without prior notification. The dividing line for the corporate limits is Riverside Bivd.

Any excess dirt or materials shall be disposed of by the Contractor offsite or as directed by the Engineer at the Contractor's

All structures, inlets, pipes, swales and roads must be kept clean and free of dirt, and debris at all times.

The Contractor is responsible for maintaining adequate signs, barricades, fencing, traffic control devices and measures, and all er measures that are necessary to protect the safety of the site at all times

When artificial lighting is utilized in night operations, the Contractor shall exercise the utmost precautions preventing adverse visibility to the motoring public and adjoining residential areas.

The Contractor shall provide and install two weighted sand bags on the bottom cross member of each type I barricade used.

The Contractor shall field verify the elevations of the benchmarks prior to commencing work. The Contractor shall also field verify the location and elevation of existing pipe inverts, curb or pavement where matching into existing work. The Contractor shall field verify horizontal control by referencing property corners to known property lines. Notify the engineer of any discrepancies between information shown on the plans and field measurements.

# STORM SEWERS, WATERMAINS, AND UTILITIES

All storm sewer connections made to the ends of existing sewers, for the purpose of extensions shall be made with a concrete collar or other means that will provide a non-leaking seal at the connection point. This work shall be performed in accordance with section 550 of the Standard Specifications and shall be considered incidental to the cost of the associated length of new storm sewer, unless noted otherwise

In accordance with the standard specifications any additional sand backfill required for new structures or structure removals shall be incidental to their respective items.

## SOIL EROSION, SEDIMENT CONTROL AND LANDSCAPING

The "Standard Specifications for Soil Erosion and Sediment Control 1987 Edition, WPC/87-012 as published by the Illinois Environmental Protection Agency shall govern soil erosion practices on this project

Any disturbed areas shall be kept to a practical minimum and shall be sodded or paved as soon as possible. This shall be done in an effort to minimize slitation within the construction zone and to eliminate sediments from

Stockpiles shall have a berm or trench around the circumference to control silt if needed. If the stockpile is to remain for more than nine months, it must have sufficient vegetation to control both water and wind erosion.

Straw bales firmly anchored or slit fence shall be placed around all inlets, catchbasins, and swales that receive sitty runoff during the course of

All site development and soil erosion control measures must meet the requirements of the City of Rockford. The resident Engineer will determine if temporary erosion control systems shown on the plan can be deleted, the proper method of installation, and if any additional erosion control systems shall be added which are not included in the plans.

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Construct temporary site access points using an aggregate surface. Do not track or spill dirt clumps onto adjacent roadways. If dirt is deposited on public pavements, remove the dirt and clean the pavements at the end of each day's operations.

Perimeter silt fence shall be placed prior to beginning earthwork within construction zone.

Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas are seeded and established. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up and disturbed turf reseeded.

#### EARTHWORK, GRADING AND PAVING

The subgrade of payement areas shall be free of all unsuitable material and shall be compacted to a minimum 95 per cent of modified proctor density.

The subgrade shall be inspected and approved by Winnebago County or its agents prior to placing the base material. Notify the engineer at least 48 hours prior to finish subgrade preparation in order to set up an inspection.

Cut or fill slopes shall have a maximum ratio of 4 horizontal to one vertical. These slope constraints apply to temporary stock piles as well as finished slope conditions.

The Contractor is responsible for maintaining positive drainage at the conclusion of each

Depressed curb shall be provided for handicapped ramps at all sidewalks abutting the curb and gutter and for future sidewalk locations. Truncated dome detection is

See cross sections for special slopes, including driveway slopes.

The transition from the proposed curb and gutter section to a different height, type or depressed section at the end of returns or at other connections to existing curb and gutter will be made in 4 feet, unless specified otherwise. This transition shall be paid for as proposed curb and gutter of the type specified.

The following application rates have been used to determine plan quantities of the

Aggregate Materials (Prime Coat) at 4.0 lbs/s.v. Bituminous Materials (Prime Coat) at 0.10 gallons/s.y./application Bituminous Base and Binder Course at 115 lbs/s.y./inch Bituminous Surface Courses at 115 lbs/s.y./inch Aggregate Materials at 110 lbs/s.y./inch

Tie the followin

All sawcuts, including sawcut pavement (Full Depth), sawing Bituminous Surface and other sawcutting listed or implied on the plans shall be incidental to the accompanying removal items shown, in accordance with the special provisions for this project.

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete

| to the existing concrete pavement |             | Length, size, and<br>spacing of Tie Bars                          |
|-----------------------------------|-------------|---|
| Gutter or Curb & Gutter           | Std. 606001 | 600 mm (24") long No. 20 (No. 6) @ 600 mm (24") centers           |
| PCC Base Course                   | Std. 353001 | 600 mm (24") long No. 20 (No. 6) © 750 mm (30") centers           |
| PCC Pavement                      | Std. 420101 | 600 mm (24") long No. 20 (No. 6) <b>©</b><br>750 mm (30") centers |

Tie bars to be installed in accordance with the applicable portions of Article 420.10(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted—in—place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

## **LEGEND**

| existing      | proposed        |   |
|---------------|-----------------|---|
| E COL         | $\odot$         | deciduous tree  |
| *             | ₩               | evergreen tree  |
| 0             | $\odot$         | ornamental tree   |
| Ø             |                 | utility pole  |
| Ø             |                 | utility pole w/ guy wire  |
| <b>☆</b>      |                 | light pole  |
| E             | Е               | electric line   |
| 4" G          | 4" G            | gas main  |
| T             | т               | telephone line  |
| E)            |                 | electric pedestal/trans.  |
| m             |                 | telephone pedestal  |
| •             |                 | telephone vault   |
| п             |                 | utility pedestal (unknown)  |
| <b>M</b>      |                 | mailbox   |
| 8″W           | 8"W             | water main  |
|               |                 | water service w/ box  |
| 8             | Θ               | valve box/valve and vault   |
| Ω             | Ω               | fire hydrant  |
|               | <del></del>     | sanitary sewer and service  |
|               | <del>&gt;</del> | sanitary sewer service  |
|               | 107%            | sanitary forcemain  |
| ©             | •               | sanitary manhole  |
|               | <del></del>     | storm sewer   |
| D             | D               | conc. end section   |
|               | . 🗅             | metal end section   |
| 0             | •               | storm manhole   |
| 0             | •               | înlet type A  |
| Maria<br>Team |                 | curb inlet type 700   |
| ত             | •               | inlet special   |
| -0-           | ₩.              | sign  |
|               |                 | right-of-way  |
|               | • • ·           | Raised reflective pavement marker(RRPM) with 2-sided blue lens(B/B) used for fire hydran identification |

DESIGN RESOURCES INC.

CIVIL ENGINEERING LAND SURVEYING

ROCKFORD, ILLINOIS 61108 (815) 484-4300 (815) 484-4303 FAX

PROJECT NAME OWNER'S NAME

MULFORD RD./ RIVERSIDE BLVD INTERSECTION 03-00334-00-SP

WINNEBAGO COUNTY HIGHWAY DEPARTMENT 424 N SPRINGFIELD AVENUE ROCKFORD, IL 61101 (815) 965-9431 CONSULTANTS

SEAL / SIGNATURE

ACENCY REVIEW AGENCY REVIEW 05.13.05

> DRAWN MWT CHECKED JTS

PROJECT NUMBER

04227

SHEET TITLE

**GENERAL** NOTES

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