

GENERAL NOTES

GENERAL NOTES AND CONDITIONS

All earthwork, grading and paving shall be performed in accordance with the "Standard Specifications for Road and Bridge Construction, State of Illinois Department of Transportation, adopted January 1, 2007"; the "Supplemental Specifications and Recurring Special Provisions" (current addition), and all revisions and supplements thereto, and the requirements and specifications of the County of Winnebago.

The scale shown on the drawings applies only to the full size plans and not reduced size plans.

The Contractor shall field verify the elevations of the benchmarks prior to commencing work. The Contractor shall also field verify location, elevation and size of existing work. The contractor shall field verify horizontal control by referencing shown coordinates to known property lines. Notify the Engineer of discrepancies in either vertical or horizontal control prior to proceeding with work.

UTILITIES

Exact horizontal and vertical locations of existing utilities shall be determined by the Contractor at no additional cost to the contract. Locations and depths shown on these plans are only schematic representation.

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

Commonwealth Edison
123 Energy Ave.
Rockford, IL 61109
Phone - (815) 490-2869

Nicor Gas
300 W. Terra Cotta
Crystal Lake, IL 60014
Phone - (815) 455-0271

Rock River Reclamation District
3333 Kishwaukee St.
Rockford, IL 61126-7480
Phone - (815) 387-7660

AT&T/SBC
2404 - 8th Avenue
Rockford, IL 61108
Phone - (815) 394-7270

Water Division, City of Rockford
425 E. State St.
Rockford, IL 61104
Phone - (815) 961-3766

Insight Communication
811 - 21st Street
Rockford, IL 61108
Phone - (815) 962-4400

Abandoned underground utilities that conflict with construction or have the potential for creating future problems shall be disposed of outside the limits of the right-of-way according to Article 202.03 of the standard specifications and as directed by the Engineer. This work will not be paid for separately but shall be considered incidental to EARTH EXCAVATION and no additional compensation will be allowed.

New manhole, valve vault, and inlet lids on this project shall have the word "STORM", or "WATER", or "SANITARY" on the lid. It will be the Contractor's responsibility to determine the appropriate type of lid. No additional compensation will be allowed for this work.

EARTHWORK, GRADING, AND PAVING

A contingency quantity of UNDERCUT UNSUITABLE MATERIAL has been included in the contract quantities for undercutting unsuitable or unstable subgrade. The subgrade shall be processed in accordance with Section 301 of the Standard Specifications before a determination by the Engineer for the necessity of undercut is made. Field determinations in regards to exact location and depths will be made by the Engineer. After excavation of unsuitable material and after the Engineer's approval, GEOTECHNICAL FABRIC FOR GROUND STABILIZATION shall be placed and Porous Granular Embankment shall be used to backfill the excavated area. The excavated unsuitable material shall be disposed outside of the Right-of-Way.

Cut or fill slopes shall have a maximum ratio of 3 horizontal to 1 vertical. These slope constraints apply to temporary stock piles as well as finished slope conditions.

See cross sections for special slopes, including driveway slopes.

Cut and fill quantities, as shown on the cross sections, are based on finished grade for all cross sections.

EARTHWORK, GRADING & PAVING CONT.)

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

Existing topsoil and vegetation shall be stripped in embankment areas prior to the placement of fill material. The cost of this work shall be incidental to EARTH EXCAVATION.

The Contractor shall use care in grading or excavating near any and all existing items which are not indicated to be removed. Any damage done to existing items by the Contractor's operations shall be repaired at no additional expense to the owner.

Excavation in old gravel or macadam road is to be paid for as EARTH EXCAVATION.

The earth removed in shaping the subgrade of the pavement and not needed to complete the earth shoulders within the project limits shall be disposed of by the Contractor as directed by the Engineer, without additional compensation, it being understood that the cost of performing such work is included in the contract unit price for the particular type of excavation.

The final top four inches of soil in any right-of-way area disturbed by the Contractor must be a cohesive soil capable of supporting vegetation.

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

All gutter outlets shall be extended to ditch flow as directed by the Engineer.

Where section or subsection monuments are encountered, the Engineer shall be notified before such monuments are removed. The Contractor shall protect and carefully preserve all property markers, monuments and right-of-way pins until the owner, an authorized surveyor, or agent has been witnessed or otherwise referenced their location.

All private entrances and side road approaches shall be bladed and rolled, as directed by the Engineer, prior to placing Hot Mix Asphalt. This work shall not be paid for separately but shall be considered incidental to INCIDENTAL HMA SURFACING. AGGREGATE BASE COURSE TYPE B (TONS) is provided in the plan quantities and shall be used only as needed and as directed by the Engineer.

Existing, uncontaminated base course material should be used for the purpose of building up entrances for temporary access during construction. However, no additional compensation will be paid beyond the initial EARTH EXCAVATION unit bid price per CY for the existing material used.

The existing signs that interfere with construction shall be removed or relocated as directed by the Engineer. After the construction is completed, the Contractor shall replace the signs as directed by the Engineer. This work will not be paid for separately and shall be considered incidental to the contract and no additional compensation shall be allowed.

It is anticipated that several mailboxes will require relocation to the approach side of the entrances. When this is done, the contractor shall be required to mount the mailbox on a 4"x4" wood post, 40 inches above the shoulder surface and extending to a minimum of 24 inches into the embankment. This work shall be included in the contract unit price for the EARTH EXCAVATION. There are an estimated 20 mailboxes to be relocated.

A contingency quantity of 100 cubic yards for ROCK EXCAVATION STRUCTURE has been included in the contract quantities for various size storm sewer installation - and 12" water main extension.

TEMPORARY EROSION CONTROL

Temporary erosion control measures shall be constructed in accordance with section 280 of the standard specifications and the enclosed Erosion Control Plan.

Temporary erosion control measures includes temporary ditch checks, perimeter erosion barrier, inlet and pipe protection, temporary seeding, and any other temporary erosion control measure needed to limit the amount of soil erosion and sedimentation during construction.

TEMPORARY EROSION CONTROL CONT.)

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary seeding. The Engineer shall determine if temporary erosion control systems shown in the plan can be deleted. The size of proposed ditch check, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in the plans. The Contractor shall perform all work as directed by the Engineer and as shown in standard 280001

The erosion control system shall be maintained throughout the course of the project. After each significant rainfall event, the Contractor shall check the condition of the erosion control system and correct any deficiencies. This shall include but is not limited to correcting improper installation and repairing of the erosion control system, removal of trapped sediment, and cleaning of silt filter fence and all roadway and driveway culverts. The cost of maintaining the erosion control system shall be included in the cost of the erosion control items and shall not be paid for separately.

At the completion of the project, all temporary erosion control items shall be removed from the site, becoming the property of the Contractor, and shall be disposed of in accordance with the N.P.D.E.S. permit requirements.

The following items have been estimated for this contract:

Nitrogen Fertilizer Nutrients	90 LB / ACRE
Phosphorus Fertilizer Nutrients	90 LB / ACRE
Potassium Fertilizer Nutrients	90 LB / ACRE
Seeding, Class 1A	1.62 ACRE

SEEDING

Fertilizer having an analysis of 1-1-1 shall be applied at the rate of 270 LB / AC to all disturbed areas and incorporated into the seeding prior to the sowing of the seed.

The Contractor shall seed all disturbed areas within the project limits using SEEDING, CLASS 1A.

STORM SEWER

All frames and grates of drainage structures to be removed or filled shall be carefully salvaged and shall remain the property of Winnebago County Highway Department.

The cost of making sewer connections to existing drainage structures shall be included in the various contract unit prices for STORM SEWER.

The cost of removing existing Storm Sewer during the installation of new storm sewers shall be included in the contract unit prices for the STORM SEWER being installed.

All proposed manholes on this project shall be cast in place or precast. This work will be paid for the contract unit price EACH for MANHOLE of the type and size specified.

The Contractor shall determine flowlines of existing sewer lines which are shown on the plans as estimated or unknown. This information is necessary before ordering inlets and manholes.

CONCRETE ISLAND

The Contractor shall install a 18" diameter formed opening in the Concrete Median Surface of the Island as directed by the Engineer. Also, a 4" diameter formed opening shall be installed in each corner of the Island 1 foot behind the back of curb. All existing pavement surfaces of other existing obstructions beneath these openings shall be removed by the Contractor.

HOT-MIX ASPHALT

The following Mixture requirements are applicable for this project:

Mixture Uses:	Surface Mixture	Level Binder Mixture
PG:	PG70-22	PG70-22
Design Air Voids	Ndes=70 @ 4.0% Voids	Ndes=70 @ 4.0% Voids
Mixture Composition (gradation Mixture)	IL-9.5mm	IL-9.5mm or IL-12.5mm
Friction Aggregate	Mixture F	
Mixture Weight	112 lb/sy/in	112 lb/sy/in
20 years ESAL	8.6	8.6
















PCC BASE COURSE

The Contractor shall place contraction joint in prolongation with joints in the existing pavement. The joint shall be a sawed contraction joint with dowel bar assembly as shown on the Highway Standard 420001. The cost for this work shall be included in the contract unit price per SQUARE YARD for the PCC BASE COURSE.

TRAFFIC CONTROL COMPLETE

Striping removal (permanent and temporary) shall be incidental to traffic control complete. This work will not be paid for separately and shall be considered incidental to the contract and no additional compensation shall be allowed.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		TREE
		UTILITY POLE
		ELECTRIC LINE
		ELECTRIC PED/TRANS
		GAS LINE
		GAS VALVE
		TELEPHONE LINE
		TELEPHONE PEDESTAL
		TELEPHONE VAULT
		WATER LINE
		WATER VALVE
		FIRE HYDRANT
		SANITARY SEWER
		SANITARY MANHOLE
		CONCRETE END SECTION
		METAL END SECTION
		RIGHT-OF-WAY
		DITCH FLOW