

F.A. - RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5	19B-2-D	STEPHENSON	57	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

GENERAL NOTES

See cross sections for special ditches and backslopes.

At the locations where Excavation Quantities on the plans are indicated as having been estimated, the Engineer will obtain original and final cross sections to determine Pay Quantities.

The final top four inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

It is estimated that 1051 cubic yards of earth will be hauled to the job from outside the project limits. A shrinkage factor of 25 % has been used.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 6 (modified) shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1 (modified). Class 6 (modified) shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and area behind the backslope, and beyond the toe of front slope on fill sections without ditches.

Fertilizer Nutrients shall be applied at the rate specified in Sections 250 and 252 of the Standard Specifications. This shall be included in the cost of the SEEDING or SODDING

These items have been estimated for the entire section:

Nitrogen Fertilizer Nutrients	54 lbs.
Phosphorous Fertilizer Nutrients	54 lbs.
Potassium Fertilizer Nutrients	54 lbs.

When mulch with emulsified asphalt is applied, it will be the contractor's responsibility to cover or protect all traffic signs, guardrail and curbs. Any signs, guardrail or curbs which become covered with asphaltic material shall be cleaned by the Contractor at his own expense.

The subgrade on this project, exclusive of rock cut areas is scheduled to be improved to a 12" depth according to Mechanistic Pavement Design. The areas scheduled to be improved to a depth greater than 12" are estimated based on the original geotechnical investigation. The subgrade shall be processed in accordance with Article 301.03 of the Standard Specifications before the engineer shall determine the limits and the additional thickness of improvement required, if any.

The following Mixture Requirements are applicable for this project:

Mixture Uses(s):	Surface	Level Binder	Shoulder-lower lift	Shoulder-top lift
PG"	PG 64-22	PG 64-22	PG 58-22	PG 58-22
RAP % (Max)	10	15	30	15
Design Air Voids:	4.2 @ N70	4.2 @ N70	2.0 @ N50	3.0 @ N50
Mixture Composition (Gradation Mixture)	IL 12.5 or 9.5	IL 9.5	BAM or IL 19.0	IL 12.5 or 9.5
Friction Aggregate	D	NA	NA	C
20 Year ESAL	4.3			

The Contractor will be required to furnish 5/2" high brass stencils as approved by the Engineer and installation at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6 inches inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

Guardrail posts may be driven through bituminous shoulders if the shoulder is not damaged as determined by the Engineer. If the shoulder is being damaged, the Contractor shall core holes in the shoulder in accordance with Article 630.06 of the Standard Specifications.

Bituminous and Aggregate prime coat shall be placed in accordance with Section 406 of the Standard Specifications. The cost of the prime coats shall be included in the contract unit price per ton for BIT. CONCRETE BINDER COURSE, SUPERPAVE, IL-19.0, N70.

A Nationwide 404 Permit has been issued for this project and the conditions of that permit must be adhered to.

This structure will retain the same number 089-0008.

The contractor shall submit four copies of the required shop drawings for review and approval to the Bureau of Bridges and Structures, 2300 South Dirksen Parkway, Springfield, IL 62764. After approval of initial submittal, the contractor shall submit one set of shop drawings to Eric Harm, Engineer of Materials, 126 East Ash Street, Springfield, IL 62706, and eight (8) sets of shop drawings to be distributed to:

- District 2 District Engineer (1)
- Fabricator (1)
- Contractor (2)
- Resident Engineer (2)
- District 2 Bureau of Materials (2)

The review and approval of temporary sheet piling will require 4 to 6 weeks. The Contractor shall schedule his work accordingly.

The thickness for the Bridge Approach Pavement Connector (Flexible) adjacent to existing pavement shall be a minimum of 12 1/2". The material shall be 2" Bituminous Concrete Surface Course Mixture D, Class 1, and the remaining thickness shall be Bituminous Binder Course Class 1 of the type specified.

At bridge expansion joints, if temporary expansion joint bulkheads are attached to adjacent deck slabs or abutments for support, the Contractor shall cut the attachments as soon as the concrete has set to prevent joint damage due to horizontal contraction or expansion.

The Contractor shall sandblast the top of the beams upon removal of the bridge deck. This work will be included in the cost of removing the bridge deck.

The curb is required on the bridge approach pavement as shown on Standard 420401.

The proposed pipes for entrances and side roads shall be placed in line with the existing or proposed ditch line.

The excavated materials from earth excavation widening, grading and shaping ditches, and excavating and grading shoulders shall be used to build up the shoulder throughout the job to conform with the typical sections and shoulder widening for terminals as shown on the plans.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have 2 survey markers placed near the structure.

Embankment quantities for the construction of the Traffic Barrier Terminals as shown in the plans are included in quantities for Furnish Excavation.

The Contractor shall supply the Resident Engineer with the manufacturer's installation requirements for the type of Steel Plate Beam Guardrail Terminal Type 1 Special (Tangent)

One 8d galvanized nail shall be used to toe nail the wood block out to the wood post on all Traffic Barrier Terminal Type 1 Specials.

Pavement Markings shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8', not 7' as shown in the detail of Typical Lane and Edge Lines.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 12 inches inside the new right-of-way line.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE.

Mr. Gary Kluz
Verizon
112 West Elm Street
Sycamore, IL 60178
(815)-895-1515

Mr. Scott Stogsdill
NICOR Gas Co.
1844 Ferry Road
Naperville, IL 60563-9600
(630)-983-8676

Mr. Paul Ranney
Media One
109 W Main Street
Freeport, IL 61032
(815)-235-7183

Mr. Larry Meyers
Commonwealth Edison Company
123 Energy Ave.
Rockford, IL 61109
(815)-490-2869

Non JULIE Members

Mr. Dennis Schultz
IDOT-DIXON
819 Depot Ave.
Dixon, IL 61021
(815)-284-5469

Ms. Denise Blakeley
City of Freeport
230 West Stephenson
Freeport, IL 61032
(815)-233-0111

Mr. Craig LaBaron
City of Freeport
230 West Stephenson
Freeport, IL 61032
(815)-235-8202

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

Existing structures (including foundations, walls, cisterns, wells or other underground structures) within the right-of-way shall be removed in accordance with Article 501.02 and 501.03 of the Standard Specifications, without additional compensation, unless otherwise noted in the plans or special provisions.

There will be no channel change or realignment of Small Creek, which is parallel to US 20BR, as shown in the Project Plans of the Design Report.

There will be no fill placed in Small Creek which is parallel to US 20BR, and Yellow Creek as shown in the Project Plans of the Design Report.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES
SCALE:	VERT. DATE 5-20-03	DRAWN BY DH CHECKED BY SK