

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2	2	MADISON	7	2
STA. _____ TO STA. _____				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
: EAU 9251 / FAS 1848 / FAU 9288				
: 27RS-2, 28, 29RS-2				

**GENERAL NOTES**

1 ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CALLING J. U. L. I. E. AND FOR NON-J. U. L. I. E. MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

ALL UTILITIES LISTED ARE MEMBERS OF J. U. L. I. E. (800) 892-0123

- AMEREN IP - ELECTRIC, AERIAL AND BURIED
- AMEREN IP - GAS, BURIED
- CITY OF BELLVILLE - SANITARYSEWER, BURIED
- CHARTER COMMUNICATIONS, INC - CABLE TV, AERIAL AND BURIED
- ILLINOIS AMERICAN WATER COMPANY - WATER, BURIED
- LEVEL 3 COMMUNICATIONS, LLC - COMMUNICATIONS, BURIED
- MCI NETWORK SERVICES, INC - COMMUNICATIONS, BURIED
- 36ONETWORKS (USA) INC - COMMUNICATIONS - BURIED
- AT&T ILLINOIS - COMMUNICATIONS, AERIAL AND BURIED

2 THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

3 THE VARIOUS THICKNESS OF BITUMINOUS SURFACE REMOVAL SHOWN ON THE PLANS ARE THE AVERAGE THICKNESS BASED UPON CONTROLLING THICKNESS AS INDICATED. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE. BITUMINOUS SURFACE REMOVAL HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF REMOVING HIGH IRREGULARITIES AND TO ESTABLISH CROSS SLOPE.

11 THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THE PROJECT.

**MIXTURE REQUIREMENTS - SUPERPAVE PROJECT**

FAU 9251/FAS 1848  
27RS-2, 28, 29RS-2  
ST. CLAIR COUNTY  
CONTRACT # 76791

MILLING AND RESURFACING, PATCHING AND GUARDRAIL IMPROVEMENTS ON IL 158/177 FROM MCCLINTOCK AVE. IN BELLEVILLE TO IL 158 JCT.

ADT (Construction Yr):	8900
MUZ:	2.8
SLZ:	4.5
20 YR. ESAL'S:	1.91

MIXTURE USE	SURFACE	LEVEL BINDER	INCIDENTAL SURF	Partial Depth Patch	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
RAP % (MAX)	10%	10%	10%	10%	30%
DESIGN AIR VOIDS	4.0% @ Ndes= 70	4.0% @ Ndes= 70	4.0% @ Ndes= 70	4.0% @ Ndes= 70	2.0% @ Ndes=30
MIX COMPOSITION					
(GRADATION MIXTURE)					
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "C"	MIXTURE "C"	BAM

\*\* Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Bituminous Concrete Surface Course Items are calculated using a unit weight of 112 lb/sq yd (59.8 kg/sq m/25 mm thickness).

4 THE WIDTHS OF BITUMINOUS SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. BITUMINOUS SURFACE REMOVAL WILL BE PAID FOR IN SQUARE FEET BASED UPON THE NOMINAL WIDTHS INDICATED.

5 FLAGMEN SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.

6 ROAD CONSTRUCTION AHEAD SIGNS SHALL BE REQUIRED AT INTERSECTING SIDE ROADS THROUGHOUT THE PROJECT. COST TO BE INCLUDED IN BID PRICES FOR TRAFFIC CONTROL AND PROTECTION.

7 FURNISHED EXCAVATION HAS BEEN INCLUDED IN THE PLANS FOR EARTHWORK NECESSARY TO INSTALL "TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)" IN THE NW QUADRANT OF SN 082-0056 ACCORDING TO STANDARD 630301. ALL SEEDING, MULCH, & NUTRIENTS NEEDED FOR THIS AREA SHALL BE INCLUDED IN THE COST OF "FURNISHED EXCAVATION".

8 THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE

9 ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.

10 ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 EXISTING TYPICAL SECTIONS
- 5 PROPOSED TYPICAL SECTIONS
- 6 SCHEDULE OF QUANTITIES AND DETAILS
- 7 DETECTOR LOOP REPLACEMENT

**HIGHWAY STANDARDS**

442101-06	701336-04
482011-02	701501-03
630301-04	701502-01
635006-02	702001-06
635011-01	780001-01
701001-01	781001-02
701006-02	886001
701011-01	886006
701201-02	000001-04
701301-02	001001-01
701306-01	001006
	701311-02

**COMMITMENTS**

NONE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS, GENERAL NOTES, STANDARDS AND COMMITMENTS
NAME	DATE	
		FAU 9251 / FAS 1848 / FAU 9288 SECTION 27RS-2, 28, 29RS-2 ST. CLAIR COUNTY SCALE: VERT. _____ DATE: _____ HORIZ. _____ DRAWN BY _____ CHECKED BY _____