## GENERAL NOTES

- 1. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER. AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE.
- 3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING, FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE	BELOW	
	GROUND	GROUND	
*CITY OF ALTON (WATER & SANITARY SEWER)		x	
*AMEREN-UE (GAS & ELECTRIC)	x	x	
•AT&T CORPORATION (COMMUNICATIONS)		x	
.VILLAGE OF BETHALTO (WATER & SANITARY SEWER)		x	
*CHARTER COMMUNICATIONS, INC (CABLE TV)	x	x	
•ILLINOIS AMERICAN WATER CO. (WATER)		x	
•AMEREN IP (GAS & ELECTRIC)	x	x	
*SBC (COMMUNICATIONS)	X	x	

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY .. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- 4. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- 5. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 6. THE THICKNESS OF BITUMINOUS SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE CENTERLINE. THE REMOVAL DEPTH VARIES FROM 2" TO 2.5". AN ESTIMATED 330 TONS OF BITUMINOUS SURFACE WILL BE REMOVED.

  SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS.
- POLYUREA PAVEMENT MARKING SHALL BE USED ON ALL CONCRETE SURFACES.
   THERMOPLASTIC PAVEMENT MARKING SHALL BE USED ON ALL BITUMINOUS SURFACES.

8. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

	M3	XTURE REQUIF	REMENTS		
MIXTURE USE	SURFACE	LEVEL BINDER	BINDER	SHOULDERS	TOP LIFT SHOULDERS
AC/PG	SBS-PG 70-22	PG 64-22	PG 64-22	PG 58-22	PG 58-22
RAP % (MAX)	0%	10%	10%	30%	30%
DESIGN AIR VOIDS	4.0% <b>c</b> Ndes=90	4.0% & Ndes=90	4.0% @ Ndes=90	2.0% <b>e</b> Ndes=30	1.5% <b>o</b> N=30
MIX COMPOSITION (GRADATION MIXTURE)			IL 19.0		
FRICTION AGGREGATE	MIXTURE F	MIXTURE C	MIXTURE B	ВАМ	ВАМ

\*PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE
CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25MM
THICKNESS)

9. STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER, AND SILT FENCES WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE, SILT PANELS, ROLLED EXCELSIOR, SILT WEDGES, OR ANY OTHER MATERIAL APPROVED BY THE ENGINEER.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

- 10. '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.
- 11. THE CONTRACTOR SHALL FURNISH AND INSTALL WOOD SIGN POST SUPPORTS IN
  ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS. HOWEVER,
  INSTALLATION BY METHOD A (ART. 730.04(a)) SHALL BE THE ONLY METHOD
- 12. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
- 13. ALL TRAFFIC CONTROL DEVICES SHALL BE SKID MOUNTED
- 14. EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS.
- 15. THE ENTRANCE AT STA 97+76 SHALL REMAIN OPEN UNTIL THE NEW ENTRANCE AT STA 96+61.31 HAS BEEN COMPLETED AND CAN BE OPENED TO TRAFFIC.
- 16. THE COST OF CAPPING ANY UNDERDRAIN LATERALS ENCOUNTERED SHALL BE
  INCLUDED IN THE COST OF PIPE UNDERDRAINS.
- 17. THE PIPE CULVERT AT STA 96+61.3 SHALL BE CORRUGATED METAL.

## INDEX OF SHEETS

- COVER SHEET
- 2 INDEX OF SHEETS, GENERAL NOTES, & STANDARDS
- 3-5 SUMMARY OF QUANTITIES
- 6-7 MISCELLANEOUS SCHEDULES
- 8-9 TYPICAL SECTIONS
- 10 TIE POINTS
- 11-12 PLAN VIEW LOCATION 1
- 13-14 PAVEMENT MARKING LOCATION 1
- 15 PLAN VIEW LOCATION 2
- 16-19 ELECTRICAL PLANS
- 20 SOIL BORINGS
- 21 MISCELLANEOUS DETAILS
- 22-29 CROSS SECTIONS

## COMMITMENTS

THERE ARE NO COMMITMENTS.

## STANDARDS

000001- <b>04</b>	701426-0 <b>2</b>
001001	701502 <b>-0!</b>
001006	702001-0 <b>5</b>
420101-02	720001
482006 <b>-0</b> 1	720006
601001	720016-01
601101	780001-01
701101 <b>-0</b> 1	781001-02
701106- <b>0</b>	877001 <b>-02</b>
701301-02	878001 <b>-03</b>
701311-02	886001
701421-01	886006

REVISIONS DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION INDEX OF SHEETS

GENERAL NOTES & STANDARDS

FAP ROUTE 785 SECTION 132-3I, 133RS-5 MADISON COUNTY

PLOT DATE: Wednesday February 09, 2005 @ 3:32:21 PM