

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	34RS-2	MADISON	39	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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.
- ② 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 GROUND	BELOW GROUND
AMERENIP*	X	X
CHARTER COMMUNICATIONS, INC.*	X	X
CONSOLIDATED COMMUNICATIONS*	X	X
CITY OF EDWARDSVILLE*	X	X
MCLEOD USA TELECOMMUNICATIONS, INC.*	X	X
SBC*	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 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 MARKING HAS BEEN ADDED TO THE PLANS. ONLY QUANTITY PLACED ON FINAL SURFACE WILL BE REMOVED AND PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL".
- ⑦ THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP RTE 600
SECTION	34RS-2
COUNTY	MADISON
CONTRACT	76441

DESCRIPTION:	OLD IL 159 FROM N. OF HARVARD TO IL 143 IN EDWARDSVILLE
--------------	---

ADT (Construction Yr)	21600
MU%:	3.9
SU%:	1.2
20 YR. ESAL'S:	4.80

MIXTURE USE	SURFACE	INCIDENTAL SURF	PARTIAL DEPTH PATCH
AC/PG	SBS 70-22	PG 64-22	PG 64-22
RAP % (MAX)	0%	10%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION			
(GRADATION MIXTURE)			
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "C"

MIXTURE USE	SHOULDERS	TOP LIFT SHOULDERS
AC/PG	PG 58-22	PG 58-22
RAP % (MAX)	30%	30%
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION		
(GRADATION MIXTURE)		
FRICTION AGG	BAM	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/in (59.8 kg/sq m/25 mm thickness).

- ⑧ NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- ⑨ "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT, BOTH DIRECTIONS ON IL 143 AND THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE.
- ⑩ FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
- ⑪ THE LEFT TURN LANES HAVE BEEN EXTENDED TO MEET GEOMETRIC REQUIREMENTS, ALL OTHER PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE, THE LOCATION OF THE PROPOSED CROSSWALKS AND STOP BARS SHOULD MATCH EXISTING FIELD CONDITIONS.
- ⑫ EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- ⑬ ANY SIGNS DISTURBED DURING CONSTRUCTION SHALL BE PROTECTED AND RESTORED ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. SIGNS DAMAGED DUE TO CONTRACTOR NEGLIGENCE SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- ⑭ THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- ⑮ SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- ⑯ 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.
- ⑰ THE USE OF VIBRATORY ROLLERS IS PROHIBITED. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.
- ⑱ PAVEMENT PATCHES WHICH EXTEND ABOVE THE ADJACENT PAVEMENT SHALL NOT BE ALLOWED TO REMAIN DURING WINTER SHUTDOWN. THE CONTRACTOR SHALL MILL THE PATCHES PRIOR TO SHUTDOWN IN ORDER TO REMOVE ANY IMPEDIMENTS TO SNOW PLOWING OPERATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR PAVEMENT PATCHES.
- ⑲ ACCESS TO ALL BUSINESSES AND HOMES SHALL BE MAINTAINED AT ALL TIMES.
- ⑳ TWO TRAFFIC LANES, ONE IN EACH DIRECTION, SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES.
- ㉑ THE CONTRACTOR SHALL TAPER THE PROPOSED BITUMINOUS SURFACE AROUND THE EXISTING DRAINAGE STRUCTURES IN ORDER TO MAXIMIZE THE OPENING OF THE DRAINAGE STRUCTURES AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF "BITUMINOUS CONCRETE SURFACE COURSE".
- ㉒ THE EXISTING HANDHOLES AND CONDUITS SHALL BE REUSED. IF THEY HAVE BEEN DAMAGED, THEY SHALL BE REPLACED AT THE COST OF THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION AND TO THE THE SATISFACTION OF THE ENGINEER.

HIGHWAY STANDARDS

000001-04
001006
424001-04
442201-01
482011-01
701301-02
701311-02
701502-01
701701-04
701801-03
702001-06
780001-01
781001-02
886001
886006

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, GENERAL NOTES STANDARDS & COMMITMENTS
- 3. SUMMARY OF QUANTITIES
- 4.-5. MISCELLANEOUS SCHEDULES
- 6.-10. TYPICAL SECTIONS
- 11.-21. PLAN VIEW
- 22.-32. PAVEMENT MARKING
- 33.-37. ELECTRICAL
- 38.-39. DETAILS

COMMITMENTS

COMMITMENTS FOR THIS PROJECT ARE AS FOLLOWS:

NONE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES, INDEX OF SHEETS
STANDARDS & COMMITMENTS
FAP ROUTE 600
SECTION 34RS-2
MADISON COUNTY

PLAN	DATE
NO.	
BY	
DATE	
SUPERVISOR	
ALIGNED	
CHECKED	
BY	
DATE	
FILE NAME	