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**HIGHWAY STANDARDS**

- 280001-05
- 420001-07
- 420701-02
- 442101-07
- 442201-03
- 630301-05
- 635006-03
- 642001-01
- 701001-02
- 701006-03
- 701011-02
- 701201-04
- 701301-04
- 701306-03
- 701311-03
- 701326-04
- 701336-06
- 701501-06
- 701901-01
- 780001-02
- 781001-03

**GENERAL NOTES**

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. 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.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO ALL 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:

	ABOVE GROUND	BELOW GROUND
*AMEREN ILLINOIS, GAS & ELECTRIC	X	X
*CITY OF RED BUD, GAS & ELECTRIC	X	X
*MONROE COUNTY ELECTRIC CO-OPERATIVE, INC., ELECTRIC	X	X
*AT&T ILLINOIS, COMMUNICATIONS	X	X
*FRONTIER NORTH, INC., COMMUNICATIONS	X	X
*HARRISONVILLE TELEPHONE COMPANY, COMMUNICATIONS	X	X
*MEDIACOM, CABLE	X	X
*FHS WATER COMMISSION, WATER		X
*VILLAGE OF HECKER, WATER & SEWER		X
*CITY OF RED BUD, WATER & SEWER		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. ANY EARTHWORK REQUIRED FOR HMA SHOULDER SHALL BE INCLUDED IN THE COST OF THE HMA SHOULDER.
7. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
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. 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.
10. EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
11. MIXTURES FOR JOINTS, CRACKS, AND FLANGWAYS SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
12. THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE BITUMINOUS PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
13. THE THICKNESS OF BITUMINOUS SURFACE REMOVAL IS THE REMOVAL DEPTH AT THE CENTERLINE. THE REMOVAL DEPTH VARIES FROM 1/4" TO 2". AN ESTIMATED 4708 TONS OF BITUMINOUS SURFACE WILL BE REMOVED.
14. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP RTE. 600
SECTION	(51, 132)RS-4
COUNTY	MONROE, RANDOLPH
CONTRACT	76879

DESCRIPTION:	IL 159 FROM 0.2 MI S. OF JUANITA ST. IN HECKER TO IL 154, IL 159 FROM LL RD. TO RANDOLPH COUNTY LINE.
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ADT (Construction Yr)	5900
MUz:	2.7
SUz:	4.3
20 YR. ESAL'S:	1.22

MIXTURE USE	SURFACE	LEVEL BINDER	PATCHING	INCIDENTAL SURFACE
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION				
(GRADATION MIXTURE)	IL 12.5/9.5	IL 9.5	IL 19.0	
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	See Contract RAP Special Provision	See Contract RAP Special Provision
DESIGN AIR VOIDS	**2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION		
(GRADATION MIXTURE)	NMAS 3/4"	NMAS 1/2"
FRICTION AGG		

15. 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.
16. REFER TO ARTICLE 107.20 & 107.25 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER FOR RELOCATION OF ALL MAILBOXES, EXISTING STREET NAME SIGNS, AND ALL PRIVATE AND COMMERCIAL SIGNS.
17. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

18. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.
19. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
20. THE CONTRACTOR IS TO USE A FULL LANE WIDTH MILL (12 FT WIDE) DURING HMA SURFACE REMOVAL.
21. THE PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE. THE LOCATION OF THE PROPOSED PAVEMENT MARKINGS SHOULD MATCH EXISTING FIELD CONDITIONS.
22. THE LOCATION STATIONS FOR GRADING AND SHAPING DITCHES ARE APPROXIMATE AND SHALL BE VERIFIED AND/OR DETERMINED BY THE ENGINEER
23. THIS PROJECT REQUIRES THE CONTRACTOR TO SEAL AN ABANDONED WATER WELL. THIS WORK IS COVERED IN THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND IN THE SUPPLEMENTAL SPECIFICATIONS. IN ADDITION, THE CONTRACTOR SHALL REMOVE ANY BRICKWORK, CONCRETE MASONRY, PIPE, OR ANY OTHER UNSTABLE MATERIAL WITHIN THREE FEET OF FINAL GRADE. THE CONTRACTOR WILL BE REQUIRED FILL THE AREA WITH SUITABLE EMBANKMENT, SEED AND FERTILIZE AS APPROVED BY THE ENGINEER. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR THIS WORK AND SHALL BE INCLUDED IN THE PAY ITEM PRICE PER EACH FOR SEALING ABANDONED WATER WELLS.
24. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
25. EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH STEADY BURN LIGHTS
26. 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 (48X48) FLUORESCENT ORANGE.
27. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.

**COMMITMENTS**

STUDIES AND PLANS: COMMITMENT TO CITY OF RED BUD TO PATCH INTERSECTION OF IL 159, IL 154, AND IL 3.

FILE NAME :	USER NAME : *USER*	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN - ---	REVISED - ---			600	(51,132)RS-4	.	23	2
	PLOT SCALE : *SCALE*	CHECKED - ---	REVISED - ---			CONTRACT NO. 76879		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		
	PLOT DATE : *DATE*	DATE - ---	REVISED - ---	SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____	TO STA. _____			