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GENERAL NOTES

1. FLUORESCENT ORANGE "ROAD CONSTRUCTION AHEAD" SIGNS (48"X48") SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL NOT BE MEASURED FOR PAYMENT. COST SHALL BE INCLUDED IN THE VARIOUS TRAFFIC CONTROL PAY ITEMS.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (1-800-892-0123 or 811) OR FOR NON- MEMBERS, THE UTILITY COMPANY DIRECTLY.

UTILITY

	ABOVE GROUND	BELOW GROUND
•AMEREN ILLINOIS (GAS & ELECTRIC)	X	X
•AT&T ILLINOIS	X	X
•BUCKEYE PIPE LINE COMPANY		X
•CASEYVILLE TOWNSHIP ADVANCED WASTEWATER TREATMENT SYSTEM		X
•CHARTER COMMUNICATIONS, INC	X	X
•CLEARWAVE COMMUNICATIONS	X	X
•CITY OF FAIRVIEW HEIGHTS		X
•ILLINOIS AMERICAN WATER COMPANY		X
•CITY OF O'FALLON		X
•QWEST COMMUNICATIONS	X	X
•ST. CLAIR TOWNSHIP SEWER		X
•VILLEGE OF SWANSEA		X

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

3. UTILITY INTERFERENCES ARE NOT ANTICIPATED ON THIS CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS. NO ADDITIONAL COST SHALL BE ADDED TO THE CONTRACT RESULTING FROM UTILITY CONFLICTS.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING OF MATERIALS AND BEGINNING CONSTRUCTION.
5. THE THICKNESS OF THE HMA 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 HMA MIXTURE IS PLACED.
6. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRATOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT LIMITED 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.
8. THE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER QUANTITIES SHOWN IN THE SCHEDULE IS APPROXIMATE. THE LOCATION OF THE PROPOSED MARKINGS SHALL MATCH EXISTING LOCATIONS, EXCEPT AS SHOWN ON PLAN DETAILS.
9. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

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

ROUTE	FAP 600 (IL 159)
SECTION	(130-1, 130-2)RS-2
COUNTY	St. Clair
CONTRACT	76655

DESCRIPTION:	3P resurfacing on IL Route 159 from 0.1 mile north of Fountains Parkway to 0.1 mile north of Rosewood Village Drive In Swansea
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ADT (Construction Yr):	31500
MUX:	1.5
SUX:	3.2
20 YR. ESAL'S:	4.41

MIXTURE USE	POLY SURFACE	LEVEL BINDER	SHOULDERS • 2.25"
AC/PG	SBS PG 76-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	See Contract RAP Special Provision
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	
MIX COMPOSITION			**2.0% @ Ndes=30
(GRADATION MIXTURE)	IL 9.5	IL 9.5 FG	NMAS 3/4"
FRICTION AGG	MIXTURE "E"	MIXTURE "C"	
QUALITY MGMT PROGRAM	OCP	OCP	OCP

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).

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

11. FOR CLASS B PATCHES, THE REINFORCEMENT SHALL BE PLACED AT A DEPTH SUFFICIENT TO NOT INTERFERE WITH SURFACE REMOVAL AND RESURFACING OPERATIONS.
12. APPROXIMATELY 91 50 YDS OF PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTH SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
13. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO BINDER AND FINAL SURFACE. ONLY REMOVAL FROM FINAL SURFACE SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL.
14. THE ILLINOIS DEPARTMENT OF TRANSPORTATION STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN, AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. PLEASE CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
15. THE INTENT OF THIS CONTRACT IS TO MILL 3" TO BARE CONCRETE AND RESURFACE WITH 1 1/4" OF LEVEL BINDER AND 1 3/4" SURFACE. IF THE CONCRETE IS NOT EXPOSED AT 3" THE MILLING DEPTH SHALL BE INCREASED TO NOT MORE THAN 4". AS THE MILLING DEPTH IS INCREASED, THE BINDER COURSE THICKNESS SHOULD BE INCREASED FIRST TO COMPENSATE FOR THE ADDITIONAL RESURFACING THICKNESS REQUIRED, UP TO A MAXIMUM OF 2". AFTER THAT THE SURFACE MAY BE INCREASED TO 2". ADDITIONAL MILLING DEPTH SHALL BE PAID FOR PER ARTICLE 440.07(c) OF THE STANDARD SPECIFICATIONS.
16. ALL MILLED AREAS GREATER THAN 2 1/2" IN DEPTH SHALL BE RESURFACED WITH THE APPROPRIATE LEVEL BINDER OR BINDER COURSE PRIOR TO OPENING LANES TO TRAFFIC.
17. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 AND 407 OF THE STANDARD SPECIFICATIONS.
18. AN ESTIMATED 22884.8 TONS OF CUTTINGS FROM THE HMA SURFACE REMOVAL OPERATION ARE ANTICIPATED.
19. FLAGGERS SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.
20. A QUANTITY OF TEMPORARY PAVEMENT MARKING EQUAL TO FINAL PAVEMENT MARKINGS HAS BEEN INCLUDED IN THE PLANS.

FILE NAME :	USER NAME : #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES & INDEX OF SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -					600	(130-1, 130-2)RS-2	ST. CLAIR	36	2
	PLOT SCALE : #SCALE#	CHECKED -	REVISED -		SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____			FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 76655		
	PLOT DATE : #DATE#	DATE -	REVISED -									