GENERAL NOTES

- (1) 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.
- (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		BELOW
	GROUND	GROUND
*AMEREN (GAS & ELECTRIC)	X	X
* CHARTER COMMUNICATIONS, INC.	×	X
* ILLINOIS AMERICAN WATER COMPANY		X
VILLAGE OF MILLSTADT (WATER & SANITARY SEWER)		Х
* AT&T ILLINOIS	X	×
* VERIZON NORTH, INC.	X	X
ST. CLAIR TOWNSHIP		X

MEMBERS OF JULI J.F. (800)-892-0123 ARE INDICATED BY *. NON JULI J.F. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- (4) 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. (48"×48")
- (5) "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.
- (6) THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAP 809 (IL 158)
SECTION	(133,134)RS-5, 135RS-6
COUNTY	ST. CLAIR
CONTRACT	76A47

DESCRIPTION | IL 158 FROM M&O STATION RD. TO IL 15 RAMP(S)

ADT (Construction Yr):	11700 (09)
MU%:	2.1%
SU%:	3.1%

MIXTURE USE	POLYMER SURFACE	LEVEL BINDER	BINDER/PATCHING	INCIDENTAL SURF
AC/PG	SBS PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSTITION				
(GRADATION MIXTURE)		IL 12.5		
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"

MIXTURE USE	SHOULDERS	TOP LIFT SHLDRS
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	30%	30%
DESIGN AIR VOIDS	2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSTITION		
(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).

- (7) FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- EXCAVATION ADJACENT TO EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- (10) PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE.
- 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.
- IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION IT WILL BE NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE IT WITH SUITABLE MATERIAL AS APPROVED
- (13) THE PROPOSED EMBANKMENT SHALL BE BENCHED INTO THE EXISTING SLOPES TO THE SATISFACTION OF THE ENGINEER.
- 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.
- (15) ALL EXISTING AND PROPOSED RIGHT-OF-WAY AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- THE MILLING OF EXISTING PCC PATCHES SHALL BE INCLUDED IN THE HMA SURFACE REMOVAL 1 3/4". NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- RIGHT-OF-WAY MARKERS SHALL BE SET SO THE BACK OF THE POST IS TWELVE (12") INCHES INSIDE THE RIGHT-OF-WAY BOUNDARY, RIGHT-OF-WAY CORNERS ARE MARKED BY A 5/8" IRON ROD WITH IDOT ALUMINUM CAP AND SHALL NOT BE REMOVED OR DAMAGED WHEN SETTING THE RIGHT-OF-WAY MARKERS.
- MESSAGE BOARDS HAVE BEEN INCLUDED AND ARE INTENDED TO BE USED AT THE DIRECTION OF THE RESIDENT ENGINEER, A QUANTITY OF 90 CALENDAR MONTHS IS BASED ON 2 MESSAGE BOARDS AT A DURATION OF 31 MONTHS EACH.
- ALL EXISTING AND PROPOSED RIGHT-OF-WAY AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
- 20 AN ESTIMATED QUANTITY OF 700 TONS OF AGGGREGATE SURFACE COURSE TYPE B, HAS BEEN INCLUDED ON THIS CONTRACT FOR THE PURPOSE OF MAINTAINING ACCESS TO PRIVATE PROPERTY AND SIDE ROADS THROUGH CONSTRUCTION OPERATIONS DURING THIS CONTRACT.
- 21) SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, AND FINAL HMA SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKINGS HAS BEEN ADDED TO THE PLANS.
- (2) MANHOLES ARE ALL TO BE CONCENTRIC LAYOUT(STD. 602401).

STANDARDS

630101-08

000001-05

606301-04 630001-08

000001 03	630101-06
001001-02	630201-06
001006	630301-05
202001-01	635006-03
280001-05	635011-02
424001-05	666001-01
424101-07	667001-01
482001-02	667101-01
482006-03	668001-01
482011-03	701006-03
542001-02	701201-03
542101-02	701206-02
542116-02	701306-02
542301-02	701311-03
542401-01	701326-03
542601-02	701336-05
602301-02	701901-01
602401-02	720001-01
602411-01	720006-02
602416-01	720011-01
602421-01	728001-01
602601-02	729001-01
604001-03	731001-01
604006-04	780001-02
604016-02	781001-03
604021-02	880001-01
604036-02	BLR 22-6
604041-02	
606001-04	
606006-02	
606101-04	

COUNTY TOTAL SHEET NO. SECTION ST. CLAIR 762 2 809 STA. TO STA. FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT

CONTRACT NO. 76A47

* (133,134)RS-5, 135RS-6

INDEX OF SHEETS

1.	COVER SHEET
2.	INDEX OF SHEETS, GENERAL NOTES STANDARDS & COMMITMENTS
36B.	SUMMARY OF QUANTITIES
721.	TYPICAL SECTIONS
2265.	SCHEDULE OF QUANTITIES SIGN DETAILS
6673.	ALIGNMENT TIES & BENCHMARKS
7481.	STAGE CONSTRUCTION PLANS
	DETOUR PLANS
	PLAN SHEETS
	PROFILE SHEETS
110116.	STORM SEWER SHEETS
117243.	PLAT OF HIGHWAYS
244269.	GEOMETRIC DETAIL SHEETS
270294.	PAVEMENT MARKING SHEETS
E1 E2.	ELECTRIC DETAILS
295321.	EROSION CONTROL SHEETS
322352.	DRAINAGE DETAILS
353356.	MISCELLANEOUS DETAILS
357358.	SOIL BORING SHFFTS
359762G.	CROSS-SECTION SHEETS

COMMITMENTS

- 1. VIBRATORY ROLLER RESTRICTION AT STA. 509+00 (GUETTERMAN PROPERTY). 400 FT EACH DIRECTION.
- 2. Lee's Hardware and the Village of Millstadt shall be contacted two (2) weeks prior to the closure of Kropp Road.
- 3. THE PROPOSED ENTRANCE AT STA. 387+00 LT SHALL BE CONSTRUCTED AND FULLY FUNCTIONAL PRIOR TO THE CLOSURE OF KROPP ROAD. ALSO, ACCESS TO LEE'S HARDWARE FROM KROPP ROAD SHALL BE MAINTAINED THROUGHOUT THE CLOSURE OF KROPP ROAD.
- 4. TR'S PLACE AND ST. CLAIR COUNTY HIGHWAY DEPT. ARE TO BE CONTACTED (2) TWO WEEKS PRIOR TO THE CLOSURE OF CONCORDIA CHURCH ROAD.
- 5. TREE FELLING FOR THIS PROJECT WILL BE RESTRICTED TO THE DATES BETWEEN SEPTEMBER 30 AND APRIL 1 OF ANY GIVEN YEAR.
- 6. THE CURRENT ENTRANCE WIDTH WILL BE MAINTAINED DURING CONSTRUCTION AT STA. 530+71 LT. ANY ADDITIONAL WORK BEYOND THE WHAT IS DEFINED IN THE SPECIFICATION SHALL BE PAID FOR BY ARTICLE 109 OF THE SPECIFICATION BOOK.

REVISIONS DAME DA	ATE ILLINOIS DE	PARTMENT OF TRANSPORTATION
NAME DA		
	— GFNF	RAL NOTES, INDEX
	02.,2	STANDARDS
		S I ANDARDS
		FAP 809 (IL 158)
		N (133,134)RS-5, 135RS-6
		ST. CLAIR COUNTY
	SCALE: VERT.	DRAWN BY
	HORIZ.	DICAMIT DI
	DATE	CHECKED BY