

GENERAL NOTES

1. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS SHOWN IN THE PLANS.
2. THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENCE OVER THOSE SHOWN ON STANDARD 00001-06 IF THERE IS A CONFLICT.
3. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO RESURFACING.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. THE CONTRACTOR SHALL PROTECT UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

J.U.L.I.E. 1-800-892-0123

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. OR FOR NON-MEMBERS, BY CONTACTING THE UTILITY COMPANY DIRECTLY.

IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN SUBMITTING HIS BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCES CAUSED BY THE SAME.

THE INFORMATION AND DATA SHOWN OR INDICATED ON THESE IMPROVEMENT PLANS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AND UTILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES OR BY OTHERS, FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE TO THE RESIDENT ENGINEER SO THAT UTILITIES CAN BE GIVEN NOTICE. NO GUARANTEE IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR (i) REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, (ii) VERIFYING IF ANY CONFLICTS EXIST WITH THE PROPOSED WORKED AND UNDERGROUND FACILITIES AND UTILITIES SHOWN OR INDICATED ON THE IMPROVEMENT PLANS; (iii) COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES AND UTILITIES DURING CONSTRUCTION, AND (iv) THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND UTILITIES AND REPAIR ANY DAMAGE THERETO RESULTING FROM THE WORK AT HIS EXPENSE.

6. FULL DEPTH 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.
7. ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERCEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.
8. THE CONTRACTOR WILL BE REQUIRED TO REPAIR THOSE AREAS THAT ARE DAMAGED AS A PART OF THE EXECUTION OF THIS CONTRACT OR AS OTHERWISE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE MEASURED FOR PAYMENT. THE COST OF SEEDING, FERTILIZING, AND MULCHING AREAS OF TURF THAT ARE DAMAGED WILL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS WORK ITEMS RELATED TO THE OPERATIONS CAUSING THE DAMAGE.
9. THE THICKNESS OF HMA MIXTURES 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 OF BASE ON WHICH THE HMA MIXTURE IS PLACED.
10. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.
11. THE QUANTITY FOR OUTLET MARKERS IS BASED ON THE TOTAL LENGTH OF THE PROJECT (TIMES 4 PAVEMENT EDGES) DIVIDED BY 500 FEET AS PER ARTICLE 601.04 OF THE STANDARD SPECIFICATIONS FOR PIPE UNDERDRAIN OUTLETS AND (WHEN APPLICABLE) THE LENGTH OF THE RAMPS (TIMES 2 PAVEMENT EDGES) DIVIDED BY 500 FEET.
12. THE FOLLOWING APPLICATION RATES HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:
 HOT MIX ASPHALT:
 BITUMINOUS MATERIALS (PRIME COAT) 0.05 LBS/SF MILLED HMA, AGED HMA
 0.025 LBS/SF FOG COAT BETWEEN HMA LIFTS
 LEVELING BINDER AND HOT-MIX ASPHALT SURFACE COURSE 112 LBS/SY/IN
 AGGREGATES:
 AGGREGATE (SURFACE, BASE, SUBBASE, RIPRAP, OR BACKFILL) 2.05 TONS/CY

GENERAL NOTES (CONT.)

13. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS/HER OPERATIONS.

14. HOT-MIX ASPHALT RESURFACING OF THE EXISTING PAVEMENT AND SHOULDERS SHALL BE DONE IN A MANNER THAT PROVIDES A MINIMUM VERTICAL CLEARANCE OF 16.0' AT ALL OVERHEAD STRUCTURES. THE MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED FROM OUTSIDE TO OUTSIDE OF THE PAVED SHOULDERS.

PRIOR TO RESURFACING ACTIVITIES, THE CONTRACTOR AND THE ENGINEER SHALL VERIFY AND DOCUMENT THE EXISTING MINIMUM VERTICAL CLEARANCE AT ALL OVERHEAD STRUCTURES. IF NECESSARY, THE ENGINEER WILL MAKE ADJUSTMENTS TO THE RESURFACING THICKNESS SHOWN ON THE PLANS. UPON COMPLETION OF THE RESURFACING, THE ENGINEER WILL MEASURE AND DOCUMENT THE MINIMUM VERTICAL CLEARANCE AT ALL OVERHEAD STRUCTURES. IF THE MINIMUM VERTICAL CLEARANCE IS LESS THAN 16'-0", THE CONTRACTOR SHALL REMOVE AND REPLACE THE BITUMINOUS CONCRETE SURFACE COURSE AS DIRECTED BY THE ENGINEER. THE COST OF THE WORK OR ANY INCONVENIENCE CAUSED BY COMPLYING WITH THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR RESURFACING PAY ITEMS IN THIS CONTRACT.

COMMITMENTS

1. THE RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND TO ALLOW IMPROVEMENTS IN THE DESIGN OF FUTURE PROJECTS.

15. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5312 21 DAYS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
16. ALL TEMPORARY PAVEMENT MARKING WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
17. THE CONTRACTOR SHALL BE AWARE THAT EXISTING CONCRETE PATCHES SHALL BE MILLED AS PART OF THE PROPOSED HMA SURFACE REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE MILLING OF THE CONCRETE.
18. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHOULD BE CONSIDERED APPROXIMATE.
19. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE MAINLINE CONSTRUCTION SECTIONS AND THE CROSSOVER SIDE ROAD CONSTRUCTION LIMITS, AS DIRECTED BY THE RESIDENT ENGINEER. ALL CONSTRUCTION SIGNS SHALL BE FLOURESCENT ORANGE 48". THIS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION.
20. THE INSTALLATION HEIGHT OF THE GUARDRAILS AND TERMINALS LOCATED ALONG THE I-72 CORRIDOR WILL BE MEASURED BY THE ENGINEER AND COMPARED TO THE APPLICABLE HIGHWAY STANDARDS. WHEN DIRECTED BY THE ENGINEER, ANY DEVIATION FROM THE STANDARD INSTALLATION HEIGHT WILL BE CORRECTED BY THE CONTRACTOR BY MINOR GRADING. THE MINOR GRADING WILL BE ACCOMPLISHED BY ADDING OR REMOVING MATERIAL AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS GRADING AND SHAPING DITCHES. SEE SPECIAL PROVISIONS.
21. REFERENCES IN THE PLANS TO THE PAY ITEM POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90, SHALL BE TAKEN TO BE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90

MIXTURE REQUIREMENTS

LOCATIONS	I-72 & RAMPS	I-72	I-72 & RAMPS	I-72/RAMP SHOULDERS	I-72 SHOULDER REM/REPLACE	I-72 SHOULDER REM/REPLACE	CH 10 (WAVERLY RD.)	CHATHAM RD.
MIXTURE USE(S):	HMA SURFACE	HMA SURFACE	HMA BINDER	HMA SHLD (2" TOP LIFT)	HMA SHLD (LOWER LIFTS) HMA BASE COURSE	HMA SHLD (TOP LIFT)	HMA SURFACE	HMA SURFACE
PG:	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N90	4.0% @ N90	4.0% @ N90	4.0% @ N50	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N70
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 9.5	IL 19.0 FG	IL 9.5	IL 19.0	IL 9.5	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIX D	MIX E	N/A	MIX C	N/A	MIX C	MIX C	MIX D
QUALITY MANAGEMENT	PPF	PPF	PPF	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 420001-07 PAVEMENT JOINTS
- 420701-02 PAVEMENT FABRIC
- 442001-04 CLASS A PATCHES
- 442101-07 CLASS B PATCHES
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482006-03 HMA SHOULDER ADJACENT TO RIGID PAVEMENT
- 542401-01 METAL END SECTIONS FOR PIPE CULVERTS
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 631031-12 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635001-01 DELINEATORS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MOUNTING AND MOUNTING DETAILS
- 701101-04 OFF ROAD OPERATIONS 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701106-02 OFF ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701321-13 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
- 701400-07 APPROACH TO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701401-08 LANE CLOSURE FREEWAY/EXPRESSWAY
- 701406-08 LANE CLOSURE FREEWAY/EXPRESSWAY DAY OPERATIONS ONLY
- 701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
- 701421-06 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 TO 55 MPH
- 701422-06 LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 TO 55 MPH
- 701423-07 LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS ≥ 45 TO 55 MPH
- 701426-06 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH

- 701451-02 RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701456-03 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701901-03 TRAFFIC CONTROL DEVICES
- 704001-07 TEMPORARY CONCRETE BARRIER
- 720011-01 METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
- 780001-04 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

DISTRICT SIX

EXAMINED AUGUST 22ND 20 14
John C. Cunningham
 OPERATIONS ENGINEER

EXAMINED August 4 20 14
Ron Archambeau
 PROJECT IMPLEMENTATION ENGINEER

EXAMINED August 6 20 14
Jelly P. My
 PROGRAM DEVELOPMENT ENGINEER



USER NAME = OPERATOR	DESIGNED -	REVISED
FILE NAME = 0672078.dwg	CHECKED -	REVISED
PLOT SCALE = 2.0000' / 1"	DRAWN -	REVISED
PLOT DATE = 8/28/2014	CHECKED -	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES, COMMITMENTS, AND HIGHWAY STANDARDS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	*	SANGAMON	163	2
*184-9-2&3/RS-2&MISC STRUC REP			CONTRACT NO. 72B54	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.


1 2 3 4 5 6 7

CONSTRUCTION CODE
FEDERAL FUNDS
90% FED / 10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN								
				6-00166-0000	6-00166-0000	6-00313-0000	6-00166-0000	6-00166-0000	6-00166-0000	6-00166-0000	6-00313-0000	
				6-00313-0000								
				ROADWAY	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	BRIDGE	
				0004	0014	0014	0014	0014	0014	0014	0014	0014
				IL 72	084-0126	084-0142	084-0136	084-0185	084-0127	084-0148	084-0149	084-0140,0141,0143
							084-0137		084-0128	084-0149		0144,0145,0146
20300100	CHANNEL EXCAVATION	CU YD	940	940								
21400100	GRADING AND SHAPING DITCHES	FOOT	3,440	3,440								
28100207	STONE RIPRAP, CLASS A4	TON	2060	2060								
28100805	STONE DUMPED RIPRAP, CLASS A3	TON	56	25				31				
28200200	FILTER FABRIC	SQ YD	1812	1812								
35300600	PORTLAND CEMENT CONCRETE BASE COURSE, 11"	SQ YD	158	158								
35501324	HOT-MIX ASPHALT BASE COURSE, 10"	SQ YD	1,641	1,641								
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	300	300								
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	412,938	412,938								
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2,836	2,836								
40600990	TEMPORARY RAMP	SQ YD	1,422	1,422								
40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	52,941	52,941								
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	165			165						
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	65	65								

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Rev. 11-5-14

	USER NAME : OPERATORS FILE NAME : WHKS_sht_SOO.dgn PLOT SCALE : 18.0000 / in. PLOT DATE : Aug-28-2014 9:14:28PM	DESIGNED - CHECKED - DRAWN - CHECKED -	REVISED REVISED REVISED REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SCALE: SHEET NO. 1 OF 9 SHEETS STA. TO STA.	P.A.L. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. T2 163 3 04-9-28JRS-2&MISC STRUC REP CONTRACT NO. 72954 ILLINOIS FED. AID PROJECT
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