

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	(84-9)RS-6; (G)Z	SANGAMON	425	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE
 SBC
 MCI
 CILCO GAS
 AT&T
 MCLEOD USA
 CWLP ELECTRIC
 CWLP WATER
 SPRINGFIELD METRO SANITARY DISTRICT
 SPRINT NEXTEL

NON-JULIE MEMBERS KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

ALL UTILITY FACILITIES THAT REQUIRE RELOCATION WITHIN STATE R.O.W. SHALL BE RELOCATED BY THE UTILITY COMPANY UNLESS OTHERWISE SHOWN ON THE PLANS.

THE SPRINGFIELD CITY WATER LIGHT & POWER LINES CROSSING ABOVE I-72 ALONG RECREATION DRIVE WILL REMAIN IN PLACE AND ENERGIZED DURING CONSTRUCTION

ANY DAMAGE TO THE UNDERGROUND FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE, INCLUDING TEMPORARY REPAIRS WHICH MAY BE REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.

2 IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

3 ANY REFERENCE WITHIN THESE PLANS TO A STANDARD SHALL BE INTERPRETED TO MEAN THE EDITION INDICATED BY THE SUB-NUMBER LISTED ON THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

4 THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

5 GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENT AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

6 SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. SEEDING, CLASS 2 SHALL BE USED ON AREAS FLATTER THAN 3:1, SEEDING CLASS 3 SHALL BE USED ON AREAS 3:1 AND STEEPER.

7 ONLY THOSE TREES LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES, PLANTS, AND WETLANDS FROM DAMAGE. ALL TREES AND STUMPS INDICATED ON THE PLANS FOR REMOVAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

8 THE THICKNESS OF HOT-MIX ASPHALT 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 HOT-MIX ASPHALT MIXTURE IS PLACED.

9 FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

HOT-MIX ASPHALT LEVELING BINDER - 112 LBS/SQ YD-IN
 HOT-MIX ASPHALT BASE COURSE - 112 LBS/SQ YD-IN
 HOT-MIX ASPHALT BINDER COURSE - 112 LBS/SQ YD-IN
 HOT-MIX ASPHALT SURFACE COURSE - 112 LBS/SQ YD-IN
 HOT-MIX ASPHALT SHOULDERS - 112 LBS/SQ YD-IN
 BITUMINOUS MATERIALS COMPLETE - 112 LB/SQ/YD-IN
 LIME - 40 LBS OF LIME/SQ YD OF SUBGRADE
 WATER .008 UNITS PER SQ YD OF SUBGRADE
 SUBBASE GRANULAR MATERIAL & AGGREGATE BASE - 2.05 TONS/CUBIC YARD
 ROCKFILL APPLICATION RATE 1.89 TONS /CUBIC YARD
 ALL OTHER AGGREGATE - 1.89 TONS/CU YD
 BITUMINOUS MATERIALS (PRIME COAT):
 ON PAVEMENT - 0.00038 TON/SQ YD (0.1 GAL/SQ YD)
 ON AGGREGATE SURFACE - 0.0014 TON/SQ YD (0.37 GAL/SQ YD)
 AGGREGATE (PRIME COAT) - 4 LBS./SQ YD
 RIPRAP - 1.50 TONS/CU YD
 SEEDING FERTILIZER RATIO (NIT:PHOS:POT) - 90:90:90 LBS/AC
 AGRICULTURAL GROUND LIMESTONE - 2.00 TONS/AC
 MULCH - 2.00 TONS/AC
 EARTHWORK SHRINKAGE = 18%

10 ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.

11 FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

12 PROPOSED LIGHT POLE FOUNDATIONS SHALL BE CONSTRUCTED FLUSH WITH THE PROPOSED FINISHED SURFACE.

13 IN ADDITION TO THE REQUIREMENTS OF ARTICLE 107.16, THE CONTRACTOR SHALL PROTECT THE SURFACE OF ALL BRIDGE DECKS AND BRIDGE APPROACH PAVEMENTS IN A MANNER SATISFACTORY TO THE ENGINEER BEFORE ANY EQUIPMENT IS ALLOWED TO CROSS THE STRUCTURE. PROTECTION SHALL BE PROVIDED FOR ALL EQUIPMENT, AS DEFINED IN ARTICLE 101.17, REGARDLESS IF TRACK MOUNTED OR WHEELED.

14 THE DISTRICT BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS, PHONE (217) 782-7314.

15 STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT. AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT. ABOVE THE STORM SEWER CROWN.

16 STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT. ABOVE THE TOP OF THE SEWER.

17 WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENANCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT BUTT JOINT. FULL DEPTH SAW CUTTING REQUIRED FOR PAVEMENT REMOVAL SHALL BE PAID FOR AS SAWING PAVEMENT (FULL DEPTH). ALL OTHER SAWED JOINTS FOR REMOVALS AND BUTT JOINTS SHALL BE CONSIDERED INCLUDED IN ITEM BEING REMOVED OR CONSTRUCTED.

18 GUARDRAIL MARKERS SHALL NOT BE ATTACHED TO PROPOSED "TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL" RAIL ELEMENTS. MARKERS IN THE AREA OF THE TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL SHALL BE MOUNTED ON THE NEAREST POST.

19 CONNECT UNDERDRAINS TO DRAINAGE STRUCTURES THRU PRECAST BLOCKOUTS. THE PRECAST BLOCKOUTS SHALL BE INCLUDED IN THE PAY ITEM FOR PIPE UNDERDRAINS.

20 BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS, STORM SEWERS, END SECTIONS, INLETS, OR MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR EXACT LENGTHS AND QUANTITIES REQUIRED.

21 ALL OPENINGS IN PRECAST STRUCTURE SHALL BE PRECISE TO THE PROPER SIZE. THIS INCLUDES OPENINGS FOR PIPE STRUCTURES, MANHOLE OPENINGS, AND OPENINGS FOR PIPE UNDERDRAIN. COSTS FOR THESE OPENINGS AND THE CONNECTIONS SHALL BE CONSIDERED INCLUDED IN THE VARIOUS PAY ITEMS FOR THE STRUCTURES INVOLVED.

22 ALL DRAINAGE STRUCTURES SHALL BE FREE OF SILT, DEBRIS, OR OTHER SUCH OBSTRUCTIONS AT THE TIME OF FINAL INSPECTION. THE CLEANING OF THESE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS INVOLVED.

23 WHERE SECTION OF SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

24 EXCAVATION IN OLD GRAVEL OR EXISTING OIL AND CHIP ROADWAYS IS TO BE PAID AS EARTH EXCAVATION.

25 THE DELINEATORS REMOVED FOR THE RAMP CONSTRUCTION SHALL BE REMOVED IN A MANNER THAT WILL NOT CAUSE ANY DAMAGE TO THE EXISTING POST OR REFLECTORS. THE REMOVED DELINEATORS SHALL BE REINSTALLED ALONG THE INTERCHANGE RAMP. SEE STANDARD 635001 AND SECTION 635 OF THE STANDARD SPECIFICATIONS.

26 WHEN REQUIRED BY ARTICLE 420.21, A PROTECTIVE COAT SHALL BE APPLIED TO CONCRETE PAVEMENT, GUTTER FLAGS, CURB SURFACES, AND OTHER CONCRETE APPURTENANCES ADJACENT TO THE PAVEMENT.

27 SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE CONTACT FOR UNION PACIFIC RAILWAY IS ROAD MASTER MARK LUBBS AT STERLING ILLINOIS. PHONE 1-815-626-3662 OR 1-708-649-5530
 CELL 1-815-716-0342
 THE CONTACT FOR NORFOLK SOUTHERN RAILWAY IS TRACK SUPERVISOR EVERT JOHNSON. PHONE 1-217-243-3844 CELL 1-217-473-6990

28 EXISTING UNDERDRAINS AND UNDERDRAIN HEADWALLS SHALL BE REMOVED AS REQUIRED TO CONSTRUCT THE PROPOSED PAVEMENT. THE COST SHALL BE INCLUDED IN BITUMINOUS CONCRETE SHOULDER REMOVAL.

29 ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

30 THE FOLLOWING ITEMS, WHICH ARE TO BE REMOVED UNDER THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNERS AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE LOCATION NOTED. IF PORTIONS OF THE ABOVE NOTED ITEMS ARE DEEMED UNSALVAGEABLE BY THE ENGINEER, THE CONTRACTOR SHALL DISPOSE OF THEM IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. DELIVERY OF SALVAGED MATERIAL SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE RESPECTIVE REMOVAL ITEMS.

31 THE COST OF MAKING ANY SEWER CONNECTIONS TO AN EXISTING DRAINAGE STRUCTURE OR PIPE SHALL BE INCLUDED IN THE COST OF THE NEW SEWER.

32 THE VERTICAL CLEARANCE SHALL NOT BE REDUCED WHEN PROTECTING TRAFFIC FROM FALLING OBJECTS AND/OR MATERIALS.

33 ANY REFERENCE OR CALLOUTS IN THESE PLANS TO "BITUMINOUS CONCRETE" SHALL BE INTERPRETED TO MEAN "HOT-MIX ASPHALT"

COMMITMENTS

SUITABLE HABITAT FOR THE KIRTLAND'S SNAKE WAS FOUND IN THE PROJECT AREA. RECOMMENDATIONS FROM THE ILLINOIS NATURAL HISTORY SURVEY TO AVOID NEGATIVE IMPACTS TO THE KIRTLANDS'S SNAKE WILL BE FOLLOWED. THESE INCLUDE:

- A) PLACE SILT FILTER FENCE ALONG THE CONSTRUCTION LIMITS OF IDENTIFIED AREAS, WITHIN THE PROJECT AREA, CONTAINING SUITABLE HABITAT FOR KIRTLAND'S SNAKE.
- B) CONSTRUCTION WORK IN AREAS OF SUITABLE HABITAT SHALL NOT TAKE PLACE DURING THE PERIOD FROM MARCH 1 TO JUNE 15 OF ANY YEAR.
- C) THERE SHALL BE NO PARKING OF VEHICLES OR STORAGE OF EQUIPMENT OR MATERIALS AT THE WETLAND AREA (SITE 4), LOCATED IN THE SOUTHEAST QUADRANT OF THE HAZEL DELL ROAD CROSSING OF THE UPRR, ADJACENT TO RAMP C.
- D) WORKERS ON THE PROJECT SHALL BE INSTRUCTED THAT ANY SNAKES ENCOUNTERED ARE NOT TO BE KILLED.

DISTRICT SIX		
EXAMINED	Feb 27	20 08
<i>James A. Hebert</i>		
OPERATIONS ENGINEER		
EXAMINED	2-19-	20 08
<i>W. R. Frey</i>		
PROGRAM IMPLEMENTATION ENGINEER		
EXAMINED	Feb. 21	20 08
<i>William R. Frey</i>		
PROGRAM DEVELOPMENT ENGINEER		

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES FAI 72 SECTION (84-9)RS-6; (G)Z SANGAMON COUNTY SCALE: _____ DRAWN BY _____ DATE _____ CHECKED BY _____

DATE: 2/20/08
 FILE NAME: C:\p\work\72679\72679.dwg
 PLOT SCALE: 1/8"=1'-0"
 USER NAME: jlaughlin