GENERAL NOTES

1 ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

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

3 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.

4 THESE PLANS HAVE BEEN PREPARED USING STANDARD SYMBOLS AS INDICATED IN THESE PLANS, AND THEY SHALL TAKE PRECEDENCE OVER THOSE SHOWN ON STANDARD 000001 IF THERE IS A CONFLICT.

5 ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.

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

7 THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR BITUMINOUS SURFACE BEFORE TRAFFIC IS ALLOWED ON THE PAVEMENT.

8 ELEVATION DATA IS BASED ON NATIONAL GEODETIC VERTICAL DATUM 1988 (NGVD88).

9 EXCAVATION IN GRAVEL, RIP RAP OR OIL AND CHIP ROADWAYS IS TO BE PAID AS EARTH EXCAVATION.

10 BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS, END SECTIONS OR INLETS THE CONTRACTOR SHALL VERIFY LENGTHS AND QUANTITIES REQUIRED.

11 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.

12 GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POST, 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 EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS 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.

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

HOT-MIX APHALT - 112 LBS/SQ YD-IN (2.016 TON/CU YD)
ALL AGGREGATE - 2.05 TONS/CU YD
BITUMINOUS MATERIALS (PRIME COAT):
ON PAVEMENT - 0.09 GAL/ SQ YD
ON AGGREGATE SURFACE - 0.32 GAL/ SQ YD
RIPRAP - 1.5 TONS/CU YD
SEEDING FERTILIZER RATIO PERMANENT (NIT:PHOS:POT) - 90:90:90 LBS/AC
SEEDING FERTILIZER RATIO WITH CLASS 7 (NIT:PHOS:POT) - 40:0:0 LBS/AC
TEMPORARY EROSION CONTROL SEEDING - 100 LBS/AC
AGRICULTURAL GROUND LIMESTONE - 2.00 TONS/AC
MULCH - 2.00 TONS/AC
EARTHWORK SHRINKAGE = 25%
TEMPORARY DITCH CHECK LENGTH = 10 FT

14 THE THICKNESS OF HOT MIX ASPHALT 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 HOT MIX ASPHALT MIXTURE IS PLACED.

15 TRENCH BACKFILL REQUIRED FOR STORM SEWER, SANITARY SEWER, OR WATER MAINS SHALL ONLY BE PLACED UP TO ONE FOOT BELOW THE FINAL GRADE IN AREAS HAVING A PROPOSED GRASS OR SOD SURFACE.

16 AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

17 THE LIMITS OF ROCK AND EARTH SLOPES SHOWN IN THE CROSS SECTIONS ARE APPROXIMATE. THE ACTUAL SLOPE USED SHALL BE DETERMINED BY THE MATERIAL CLASSIFICATION AS DEFINED IN ARTICLE 202.04, AND AS DIRECTED BY THE ENGINEER.

18 PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHOULD CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

19 THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN.

20 THE ADVANCE DETECTOR LOOPS ARE TYPICALLY LOCATED 275 FEET IN ADVANCE OF THE STOP BAR. THE BUREAU OF OPERATIONS SHOULD APPROVE THE LOOP LOCATIONS PRIOR TO INSTALLATION.

21 VERTICAL PANELS SHOWN ON STANDARD 701321 WILL NOT BE REQUIRED ON THE STAGE II NEW BRIDGE PARAPET. THE BARRIER WALL REFLECTORS SHALL BE INSTALLED PRIOR TO OPENING TO TRAFFIC.

22 THE CENTERLINE PAVEMENT MARKING SHOULD BE REMOVED FROM THE STOP BAR TO THE SAND ATTENUATORS OR DRUMS. EDGE LINE PAVEMENT MARKING SHOULD BE REMOVED IF A 10 FOOT LANE WIDTH CANNOT BE MAINTAINED. TEMPORARY EDGE LINES SHOULD BE INSTALLED WHEN THE EDGE LINES ARE REMOVED.

23 ANY TIME THE CONCRETE BARRIER IS NOT IN THE PROPER POSITION, FLAGGERS SHALL BE IN PLACE TO CONTROL TRAFFIC. THE TEMPORARY TRAFFIC SIGNALS SHALL BE TURNED OFF OR COVERED.

24 ALL OBSTRUCTIONS WHICH ARE WITHIN THE CLEAR ZONE SHOWN ON THE TYPICAL SECTION, AND ARE NOT SHIELDED BY THE PROPOSED GUARDRAIL, SHALL BE REMOVED BETWEEN STATION 1435+99.50 AND STATION 1442+45.00. TYPICAL OBSTRUCTIONS ARE HEADWALLS, FOUNDATIONS, ETC. WHICH PROJECT 100 mm (4 IN.) OR MORE ABOVE THE GROUNDLINE; AND TREES WHICH WILL MATURE TO A DIAMETER OF 100 mm (4 IN.) OR GREATER.

25 COMMITMENTS:
NONE

UTILITY 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:

UTILITY CONTACT INFORMATION

AMEREN CIPS
ATTN: STAN TREAT
P.O. BOX 460
MARION, IL 62959
(217) 234-0443

SHAWNEE COMMUNICATIONS-TELE
ATTN: JOHN BOURLAND
P.O. BOX 69
EQUALITY, IL 62934
(618) 276-4211

SOUTHERN IL POWER COOP
ATTN: MATT CRAIN
11543 LAKE OF EGYPT ROAD
MARION, IL 62959
(618) 964-1448

FRONTIER COMMUNICATIONS-TELE
ATTN: RICK SHAW
208 WEST UNION
MARION, IL 62959
(309) 662-5330

MILLSTONE WATER DIST.
ATTN: KENNETH RICHARDS
P.O. BOX 39
EDDYVILLE, IL 62928
(618) 672-4228

2 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. UTILITY ADJUSTMENTS SHALL BE MADE BY THE UTILITY COMPANIES UNLESS NOTED OTHERWISE.

3 THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL OBTAIN EXACT UTILITY LOCATIONS FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION. THE FOLLOWING STANDARD UTILITY DEPTHS WERE USED IF INFORMATION WAS UNAVAILABLE:
TELEPHONE / FIBER OPTIC - 2 FEET
GAS - 2.5 FEET
CABLE TV - 1.5 FEET
ELECTRIC - 3 FEET
SANITARY SEWER - 2.5 FEET
WATER - 4 FEET

4 ALL ELECTRIC LINES WILL REMAIN ENERGIZED DURING CONSTRUCTION UNLESS OTHERWISE COORDINATED WITH THE UTILITY COMPANY.

HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02 AREAS OF REINFORCEMENT BARS
001006 DECIMAL OF AN INCH AND OF A FOOT
280001-05 TEMPORARY EROSION CONTROL SYSTEMS
420001-07 PAVEMENT JOINTS
420401-08 BRIDGE APPROACH PAVEMENT CONNECTOR
515001-03 NAME PLATE FOR BRIDGES
542401-01 METAL END SECTIONS FOR PIPE CULVERTS
610001-05 SHOULDER INLET WITH CURB
630001-09 STEEL PLATE BEAM GUARDRAIL
630201-06 PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-09 TRAFFIC BARRIER TERMINAL, TYPE 6
635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≤ 45 MPH
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701321-11 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≤ 45 MPH
701901-01 TRAFFIC CONTROL DEVICES
704001-06 TEMPORARY CONCRETE BARRIER
780001-02 TYPICAL PAVEMENT MARKINGS
601101-01

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DISTRICT CONSTRUCTION ENGINEER

EXAMINED BY: Bruce W. Peebles
DISTRICT MATERIALS ENGINEER

EXAMINED BY: Karl Wiley
DISTRICT PROJECT IMPLEMENTATION ENGINEER

EXAMINED BY: Danny Clayton
ASSISTANT REGIONAL ENGINEER

APPROVED BY:
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

DATE 20

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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FILE NAME =	USER NAME = Cox01283	DESIGNED - JDW	REVISED -
pw:\\pwworking\cox01283\dms23631\D978141-sht gennote.dgn		DRAWN - BKC	REVISED -
	PLOT SCALE = 2.0000 ' / in.	CHECKED - MH	REVISED -
	PLOT DATE = 10/01/2010	DATE - 06-30-2010	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL-146 (OVER SIMMONS CREEK) GENERAL NOTES & HIGHWAY STANDARDS

SCALE: NTS | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
885	68-2	POPE	48	2

Rev.

CONTRACT NO. 78141

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT