

GENERAL NOTES

- WHERE SECTION OR SUB-SECTION MONUMENTS 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 AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- ALL ELEVATIONS SHOWN REFER TO THE U.S.G.S. DATUM AT MEAN SEA LEVEL, UNLESS OTHERWISE NOTED.
- UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION AND THEIR TRUE LOCATION IS NOT GUARANTEED AS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT CONSTRUCTION ACTIVITIES ACCORDINGLY.
- THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF FACILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEMS AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
- THE THICKNESS OF THE 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 IS PLACED.
- THE CONTRACTOR WILL PROVIDE INTERNET ACCESSIBILITY TO THE BITUMINOUS PLANT QUALITY CONTROL LAB SO THAT BITUMINOUS PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL BITUMINOUS ITEMS.
- AGGREGATE SHOULDERS, TYPE B, SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.
- FOR THE PAY ITEM BITUMINOUS MATERIALS (PRIME COAT), THE CONTRACTOR SHALL USE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP.
- ALL WORK NECESSARY TO ATTACH THE PIPE DRAINS TO THE ABUTMENT DRAIN PIPE, TRENCHING IN THE PIPE DRAINS AND INSTALLING THE PIPE DRAIN TO THE CONCRETE HEADWALLS IS INCLUDED IN THE PAY ITEM OF "PIPE DRAINS" OF THE DIAMETER SELECTED.

13. IN THE AREAS SHOWN IN THE PLANS WHERE EXISTING PAVEMENT IS TO BE BROKEN/CRUSHED, THE BROKEN PAVEMENT SHALL STAY IN PLACE. THE BROKEN PIECES SHALL NOT EXCEED 3 SQUARE FEET PER SECTION 205.03(b)(1) OF THE STANDARD SPECIFICATIONS. BREAKING/CRUSHING OF PAVEMENT WILL BE INCLUDED IN THE COST OF GRANULAR EMBANKMENT, SPECIAL.

HIGHWAY STANDARDS

- 000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-01 AREAS OF REINFORCEMENT REBARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-04 TEMPORARY EROSION CONTROL SYSTEMS
- 406201-01 MAILBOX TURNOUT
- 420401-06 BRIDGE APPROACH PAVEMENT
- 515001-02 NAME PLATE FOR BRIDGES
- 542401 METAL END SECTION FOR PIPE CULVERTS
- 630001-07 STEEL PLATE BEAM GUARDRAIL
- 630301-04 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631031-06 TRAFFIC BARRIER TERMINAL, TYPE 6
- 635006-02 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-01 REFLECTOR MARKER AND MOUNTING DETAILS
- 701001-01 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-02 OFF-ROAD OPERATIONS, 2L, 2W, 15' FT TO 24" FROM PAVEMENT EDGE
- 701011-01 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701201-02 LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS >= 45 MPH
- 701301-02 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-01 LANE CLOSURE, 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45MPH
- 701311-02 LANE CLOSURE, 2L 2W, MOVING OPERATIONS DAY ONLY
- 701321-09 LANE CLOSURE, 2L 2W, BRIDGE REPAIR WITH BARRIER
- 701326-02 LANE CLOSURE, 2L 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
- 701901 TRAFFIC CONTROL DEVICES
- 704001-04 TEMPORARY CONCRETE BARRIER
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

001101

INDEX OF SHEETS

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THE FOLLOWING HOT-MIX ASPHALT REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

HOT-MIX ASPHALT REQUIREMENTS					
MIXTURE USES	FLEXIBLE CONNECTOR	SURFACE	INCIDENTAL HMA	FULL-DEPTH BINDER	SHOULDERS**
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4.0% @ NDes = 70	4.0% @ NDes = 70	4.0% @ NDes = 70	4.0% @ NDes = 70	2.0% @ NDes = 30
MIXTURE COMPOSITION	IL - 19.0	IL - 9.5	IL - 19.0	IL - 19.0	B.A.M.
FRICTION AGGREGATE	N/A	MIX "C"	N/A	N/A	N/A

**TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

APPLICATION RATES	
AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL)	2.05 TON / CU YD
BITUMINOUS MATERIALS (PRIME COAT)	0.10 GAL / SQ YD
AGGREGATE (PRIME COAT)	0.002 TON / SQ YD
HOT-MIX ASPHALT SURFACE / BINDER (112 LBS)	0.056 TON / SQ YD * IN
HOT-MIX ASPHALT SURFACE MIX C (120 LBS)	0.060 TON / SQ YD * IN

COMMITMENTS

EXISTING 30" CMP CULVERT UNDER FARM ENTRANCE AT STA 230+48.82 RT. WILL BE REMOVED AND GIVEN TO OWNER FOR SALVAGE

Rev. 10-23-08

FILE NAME =	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\86e1711-5\Design\Plans\02-D794770-shd	gennote.dgn	DRAWN -	REVISED -			322	24BR-1	FAYETTE	57	2	
	PLOT SCALE = 1,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 94770					
	PLOT DATE = 8/25/2008	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNITS	TOTAL	CONSTRUCTION TYPE CODE 20% STATE / 80% FEDERAL	
				ROADWAY	BRIDGE
				1000-2A	X071-2A
20200100	EARTH EXCAVATION	CU YD	599	599	
20200500	EARTH EXCAVATION (WIDENING)	CU YD	294	294	
20300100	CHANNEL EXCAVATION	CU YD	757	757	
20400800	FURNISHED EXCAVATION	CU YD	1626	1626	
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	867	867	
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	128		128
25001000	SEEDING, CLASS 2 (SPECIAL)	ACRE	1.25	1.25	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	104	104	
28000300	TEMPORARY DITCH CHECKS	EACH	9	9	
28000400	PERIMETER EROSION BARRIER	FOOT	2579	2579	
28000500	INLET AND PIPE PROTECTION	EACH	5	5	
28100107	STONE RIP RAP, CLASS A4	SQ YD	773		773
28200200	FILTER FABRIC	SQ YD	773		773
35101400	AGGREGATE BASE COURSE, TYPE B	TON	52	52	
35650300	BASE COURSE WIDENING 8"	SQ YD	1357	1357	
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	112	112	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	609	609	
40600300	AGGREGATE (PRIME COAT)	TON	13	13	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	54	54	
40600990	TEMPORARY RAMP	SQ YD	94	94	
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	454	454	
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	224	224	
40701956	HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 13 3/4"	SQ YD	1344	1344	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	28	28	
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	250	250	
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	50	50	
44000100	PAVEMENT REMOVAL	SQ YD	1786	1786	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	347	347	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	288	288	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	474	474	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1	
50105220	PIPE CULVERT REMOVAL	FOOT	194	194	
50200100	STRUCTURE EXCAVATION	CU YD	179		179
50300225	CONCRETE STRUCTURES	CU YD	113.8		113.8
50300255	CONCRETE SUPERSTRUCTURE	CU YD	178		178
50300260	BRIDGE DECK GROOVING	SQ YD	491		491
50300280	CONCRETE ENCASEMENT	CU YD	9.8		9.8
50300300	PROTECTIVE COAT	SQ YD	879	250	629

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNITS	TOTAL	CONSTRUCTION TYPE CODE 20% STATE / 80% FEDERAL	
				ROADWAY	BRIDGE
				1000-2A	X071-2A
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		1
50500505	STUD SHEAR CONNECTORS	EACH	2970		2970
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	53630		53630
50800515	BAR SPLICERS	EACH	538		538
51201600	FURNISHING STEEL PILES HP12 X 53	FOOT	692.5		692.5
51202305	DRIVING PILES	FOOT	692.5		692.5
51203600	TEST PILE STEEL HP 12 X 53	EACH	4		4
51204650	PILE SHOES	EACH	28		28
51205200	TEMPORARY SHEET PILING	SQ FT	1170		1170
51500100	NAME PLATES	EACH	1		1
52100520	ANCHOR BOLTS, 1"	EACH	48		48
542D1060	PIPE CULVERTS, CLASS D, TYPE 2 15"	FOOT	40	40	
542D1063	PIPE CULVERTS, CLASS D, TYPE 2 18"	FOOT	88	88	
542D1075	PIPE CULVERTS, CLASS D, TYPE 2 30"	FOOT	102	102	
54215553	METAL END SECTIONS 18"	EACH	4	4	
54215565	METAL END SECTIONS 30"	EACH	4	4	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	79		79
60100905	PIPE DRAINS 4"	FOOT	40		40
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	127		127
* 63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	375	375	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
63200310	GUARDRAIL REMOVAL	FOOT	469	469	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	3	3	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	
67100100	MOBILIZATION	L SUM	1	1	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	1	
70101800	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	10	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	480	480	
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	3094	3094	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1190	1190	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1637.5	1637.5	

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		DRAWN -	REVISED -
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	PLOT DATE = 8/25/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Rev. 10-23-08 *Specialty Items

SUMMARY OF QUANTITIES

SCALE: NTS	SHEET NO.	OF	SHEETS	STA.	TO STA.																					
<table border="1"> <tr> <td>F.A.P. RTE.</td> <td>SECTION</td> <td>COUNTY</td> <td>TOTAL SHEETS</td> <td>SHEET NO.</td> </tr> <tr> <td>322</td> <td>24BR-1</td> <td>FAYETTE</td> <td>57</td> <td>3</td> </tr> <tr> <td colspan="5">CONTRACT NO. 94770</td> </tr> <tr> <td colspan="6">FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT</td> </tr> </table>						F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	322	24BR-1	FAYETTE	57	3	CONTRACT NO. 94770					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																						
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