

## GUARDRAIL SCHEDULE

LOCATION STATION TO STATION	SPBGR TY A 6 FT POST	TRAF BAR TERM TY 6	TRAF BAR TERM TY 1 (SPL) TAN	TRAF BAR TERM TY 1 (SPL) FLRD	GUARDRAIL REMOVAL	GUARDRAIL MARKERS TY A	BAR WALL MARKERS TY B	TERMINAL MARKER - DIRECT APPLIED
	FOOT	EACH	EACH	EACH	FOOT	EACH	EACH	EACH
<b>PERRY COUNTY</b>								
SN 073-0036								
RT STA 189+33.85 TO 190+27.60		1	1		106	1		1
RT STA 190+27.60 TO 191+72.40							2	
RT STA 191+72.40 TO 192+66.15		1	1		106	1		1
LT STA 189+33.85 TO 190+27.60		1	1		104	1		1
LT STA 190+27.60 TO 191+72.40							2	
LT STA 191+72.40 TO 192+66.15		1	1		107	1		1
<b>SN 073-2000</b>								
RT STA 220+13.27 TO 223+00.87	187.5		2			4		2
LT STA 222+02.45 TO 224+89.95	187.5		2			4		2
<b>SN 073-0038</b>								
RT STA 227+48.35 TO 228+42.10		1	1		43	1		1
RT STA 228+42.10 TO 230+01.90							2	
RT STA 230+01.90 TO 230+95.65		1	1		55	1		1
LT STA 227+48.35 TO 228+42.10		1	1		56	1		1
LT STA 228+42.10 TO 230+01.90							2	
LT STA 230+01.90 TO 230+95.65		1	1		168	1		1
<b>PERRY COUNTY TOTALS</b>	<b>375.0</b>	<b>8</b>	<b>12</b>	<b>0</b>	<b>745</b>	<b>16</b>	<b>8</b>	<b>12</b>
<b>FRANKLIN COUNTY</b>								
<b>SN 028-2005</b>								
RT STA 234+70.17 TO 237+57.67	187.5		2			4		2
LT STA 236+44.50 TO 239+32.00	187.5		2			4		2
<b>SN 028-7119</b>								
RT STA 381+10.10 TO 383+72.60	162.5		2		88	4		2
LT STA 382+76.82 TO 384+51.82	87.5		1	1	88	4		2
<b>4' x 4' BOX CULVERT</b>								
RT STA 392+08					77			
LT STA 392+08					76			
<b>3' x 3' BOX CULVERT</b>								
RT STA 412+89					76			
LT STA 412+89					76			
<b>FRANKLIN COUNTY TOTALS</b>	<b>625.0</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>481</b>	<b>16</b>	<b>0</b>	<b>8</b>
<b>PROJECT TOTALS</b>	<b>1000.0</b>	<b>8</b>	<b>19</b>	<b>1</b>	<b>1226</b>	<b>32</b>	<b>8</b>	<b>20</b>

## WORK ZONE PAVEMENT MARKING SCHEDULE

LOCATION FROM TO	MARKING DESCRIPTION	SHORT-TERM PAVEMENT MARKING	WORK ZONE PAVEMENT MARKING REMOVAL
		FOOT *	SQ FT
<b>PERRY COUNTY</b>			
177+00.00 TO 228+20.50	PASSING	1536	512
<b>PERRY COUNTY TOTALS</b>		<b>1,536</b>	<b>512</b>
<b>FRANKLIN COUNTY</b>			
228+20.50 TO 262+00.00	PASSING	1014	338
262+00.00 TO 269+25.00	NO PASSING RIGHT	438	146
269+25.00 TO 271+50.00	PASSING	69	23
271+50.00 TO 280+00.00	NO PASSING LEFT	510	170
280+00.00 TO 321+00.00	PASSING	1230	410
321+00.00 TO 326+46.00	NO PASSING RIGHT	330	110
ILLINOIS CENTRAL RR CL STA 326+46		(4) RAILROAD "R" 6 FT	43
		(2) RAILROAD "X" 20 FT	324
326+46.00 TO 331+00.00		(6) 24" WHITE BARS	66
		NO PASSING LEFT	270
331+00.00 TO 343+25.00	PASSING	369	123
343+25.00 TO 345+57.00	NO PASSING RIGHT	138	46
MULKEYTOWN ROAD RT STA 345+57		LEFT ARROW	322
345+57.00 TO 351+75.00	NO PASSING RIGHT	372	124
351+75.00 TO 358+00.00	PASSING	189	63
358+00.00 TO 364+00.00	NO PASSING LEFT	360	120
364+00.00 TO 368+50.00	PASSING	135	45
368+50.00 TO 375+00.00	NO PASSING RIGHT	390	130
375+00.00 TO 379+50.00	PASSING	135	45
379+50.00 TO 386+00.00	NO PASSING LEFT	390	130
386+00.00 TO 410+25.00	PASSING	729	243
410+25.00 TO 418+25.00	NO PASSING RIGHT	480	160
418+25.00 TO 420+25.00	PASSING	60	20
420+25.00 TO 428+75.00	NO PASSING LEFT	510	170
428+75.00 TO 519+77.00	PASSING	2730	910
IL 14 / IL 148 INTERSECTION STA 519+77 TO STA 532+34 (IL 14) STA 1032+51 TO STA 407+48 (IL 148)		STAGE 1	16
		STAGE 2	32
		STAGE 3	12
		STAGE 4	24
		INTERSECTION / STOP BARS	486
		STAGE 5	12
		STAGE 6	24
		STAGE 7	12
532+34.00 TO 534+00.00	NO PASSING	102	34
534+00.00 TO 542+50.00	NO PASSING LEFT	510	170
<b>FRANKLIN COUNTY TOTALS</b>		<b>12,857</b>	<b>4,285</b>
<b>TOTALS</b>		<b>14,393</b>	<b>4,797</b>

NOTE: ALL STATIONS ARE APPROXIMATE  
\* DENOTES THREE (3) APPLICATIONS

## EARTHWORK SCHEDULE

BAL	LOCATION STATION TO STATION	EARTH EXCAVATION	AVERAGE SHRINKAGE FACTOR	EARTH EXC. ADJUSTED FOR SHRINKAGE	EMBANKMENT	EXCESS EXCAVATION	EXCAVATION REQUIRED TO COMPLETE	REMARKS
		CU YD	%	CU YD	CU YD	CU YD	CU YD	
<b>PERRY COUNTY</b>								
1	STA 177+00 TO STA 190+00	269	41.64	112	379		267	267 CU YD FROM BAL 3
2	STA 192+00 TO STA 228+25	1407	49.47	696	8511		7815	3503 CU YD FROM BAL 4; 4312 CU YD FROM BAL 5
	<b>PERRY COUNTY TOTALS</b>	<b>1676</b>						
<b>FRANKLIN COUNTY</b>								
3	STA 230+00 TO STA 340+00	8349	60.04	5013	3675	1338		
4	STA 340+00 TO STA 428+00	14127	69.40	9804	6301	3503		
5	STA 428+00 TO STA 493+00	11057	70.11	7752	659	7093		
	<b>FRANKLIN COUNTY TOTALS</b>	<b>33533</b>						
	<b>TOTAL</b>	<b>35209</b>						

\*THE SHRINKAGE FACTOR WAS CALCULATED AT EVERY STATION BASED UPON THE END AREA OF CUT. THE SHRINKAGE FACTOR WAS CALCULATED USING THE FOLLOWING EQUATION:  
 $P = (2000 / (E + 37)) + 16$   
 WHERE: P = SHRINKAGE FACTOR IN PERCENT  
 E = END AREA OF CUT IN SQUARE FEET  
 AND WAS APPLIED TO THE END AREA BY USING THE FOLLOWING EQUATION: END AREA X (1 - P)  
 THE MAXIMUM SHRINKAGE FACTOR USED WAS 21%