



FALL RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
8075	03-00167-04-FP	SANGAMON	109	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**STRUCTURE SCHEDULE**

STRUCT. NO.	ROADWAY	REFERENCE STATION*	REFERENCE OFFSET* (RT ANGLE TO C. AT REF STATION)	REFERENCE ELEVATION*	STRUCTURE INVERT*	MH TY A 4'Ø TY 1 FRAME, CLOSED LID EACH	INLET TY A TY 1 FRAME, OPEN LID EACH	INLET TY A TY 3 F&G EACH	INLET TY A TY 8 GRATE EACH	INLET TY B TY 1 FRAME, CLOSED LID EACH	INLET TY B TY 3 FRAME & GRATE EACH	INLET TY B TY 8 GRATE EACH	12"Ø PRC FLARED END SECTION EACH	15"Ø PRC FLARED END SECTION EACH	18"Ø PRC FLARED END SECTION EACH	24"Ø PRC FLARED END SECTION EACH
13	CARDINAL HILL	504+81.20	24.83' RT	577.12	574.40			1								
14	CARDINAL HILL	504+81.20	25.40' LT	577.11	574.10			1								
15	CARDINAL HILL	504+81.20	31.00' LT	577.70	574.05				1							
16	CARDINAL HILL	505+68.80	23.80' RT	576.97	574.21			1								
17	CARDINAL HILL	505+73.80	24.20' RT	576.97	574.19						1					
18	CARDINAL HILL	505+68.80	23.80' LT	576.97	574.21			1								
19	CARDINAL HILL	505+73.80	24.20' LT	576.97	574.00						1					
20	CARDINAL HILL	505+73.80	29.07' RT	577.50	573.68	1										
21	CARDINAL HILL	507+40.00	20.38' RT	577.51	574.50			1								
22	CARDINAL HILL	507+40.00	20.38' LT	577.51	574.33			1								
23	CARDINAL HILL	507+40.00	25.70' LT	578.10	573.35	1										
24	CARDINAL HILL	508+50.00	19.18' RT	577.96	574.00			1								
25	CARDINAL HILL	508+50.00	19.18' LT	577.96	573.84			1								
26	CARDINAL HILL	508+50.00	24.50' LT	578.55	573.13	1										
27	CARDINAL HILL	510+70.00	19.18' RT	577.96	574.00			1								
28	CARDINAL HILL	510+70.00	19.18' LT	577.96	573.84			1								
29	CARDINAL HILL	510+70.00	24.50' LT	578.55	572.69	1										
30	CARDINAL HILL	511+80.00	19.18' RT	577.53	573.94			1								
31	CARDINAL HILL	511+80.00	19.18' LT	577.53	573.78			1								
32	CARDINAL HILL	511+80.00	24.50' LT	578.05	572.52	1										
33	CARDINAL HILL	512+17.20	40.10' LT	-	572.45											1
34	CARDINAL HILL	512+44.30	39.20' LT	-	572.45											1
35	CARDINAL HILL	512+60.00	24.50' LT	577.85	572.50	1										
36	CARDINAL HILL	513+49.40	24.50' LT	577.75	572.63	1										
37	CARDINAL HILL	526+78.46	44.46' LT	577.80	575.25			1								
38	CARDINAL HILL	526+69.33	53.63' LT	-	575.10								1			
39	CARDINAL HILL	525+44.23	19.18' RT	578.53	576.30			1								
40	CARDINAL HILL	525+49.23	19.71' RT	578.50	576.20						1					
41	CARDINAL HILL	526+77.68	42.84' RT	577.95	575.50						1					
42	CARDINAL HILL	526+77.32	61.37' RT	-	575.40								1			
99	WALNUT	302+60.00	24.20' RT	572.75	571.35				1							
100	WALNUT	303+30.00	23.85' RT	572.75	571.10				1							
101	WALNUT	304+57.20	35.50' RT	-	570.51							1				
102	BUCKHART	4+30.00	21.55' RT	-	576.35										1	
103	BUCKHART	4+50.00	15.00' RT	579.15	576.10				1							
104	BUCKHART	6+00.00	12.24' RT	578.68	575.80					1						
105	BUCKHART	6+00.00	24.80' RT	577.30	575.95				1							
106	BUCKHART	9+00.00	33.10' RT	577.40	575.20						1					
107	BUCKHART	9+35.90	71.80' RT	-	575.10										1	
108	BUCKHART	4+30.00	22.25' LT	-	576.55										1	
109	BUCKHART	4+50.00	16.50' LT	579.20	575.91				1							
110	BUCKHART	6+00.00	16.69' LT	578.59	575.61					1						
111	BUCKHART	6+00.00	29.30' LT	577.20	575.85				1							
112	BUCKHART	7+90.00	32.30' LT	577.70	575.23						1					
113	BUCKHART	9+00.00	37.10' LT	578.50	575.01				1							
114	BUCKHART	9+36.40	76.30' LT	-	574.90										1	
115	CARDINAL HILL	513+49.40	19.68' LT	577.13	573.37						1					
116	CARDINAL HILL	513+54.40	19.18' LT	577.13	573.54											
117	CARDINAL HILL	513+49.40	19.68' RT	577.13	573.52						1					
118	CARDINAL HILL	513+54.40	19.18' RT	577.13	573.54						1					
119	CARDINAL HILL	515+38.00	24.50' LT	578.15	572.91	1										
120	CARDINAL HILL	515+38.00	19.18' LT	577.56	573.82						1					
121	CARDINAL HILL	515+38.00	19.18' RT	577.56	573.97						1					
122	CARDINAL HILL	518+00.00	24.50' LT	577.40	573.30	1										
123	CARDINAL HILL	518+00.00	19.18' LT	576.82	573.50						1					
124	CARDINAL HILL	519+33.00	24.50' LT	577.15	573.50	1										
125	CARDINAL HILL	519+33.00	19.68' LT	576.55	573.75						1					
126	CARDINAL HILL	519+38.00	19.18' LT	576.55	573.77											
127	CARDINAL HILL	519+33.00	19.18' RT	578.31	573.91						1					
128	CARDINAL HILL	521+25.00	24.50' LT	577.65	573.78	1										
129	CARDINAL HILL	521+25.00	19.18' LT	577.07	574.00						1					
130	CARDINAL HILL	521+25.00	19.18' RT	578.83	574.16						1					
131	CARDINAL HILL	524+98.00	24.50' LT	577.75	574.51					1						
132	CARDINAL HILL	524+98.00	19.68' LT	577.13	574.53						1					
133	CARDINAL HILL	525+02.00	19.18' LT	577.12	574.55						1					
135	OAK HILL	187+00.00	25.00' LT	577.00	575.00											
136	OAK HILL	190+00.00	24.80' LT	576.70	574.10						1					
137	OAK HILL	190+15.00	26.40' LT	-	574.00										1	
138	CARDINAL HILL	504+81.20	124.45' LT	575.80	574.45										1	
139	CARDINAL HILL	504+81.20	70.00' LT	576.20	574.25										1	
140	CARDINAL HILL	505+73.80	40.60' RT	575.95	574.40										1	
<b>TOTALS</b>						11	2	24	7	5	10	2	1	3	4	2

NOTE:  
STRUCTURE NUMBERS 1 THRU 12, 43 THRU 98 & 134 ARE NOT USED IN THIS PROJECT.

\*REFERENCE STATION, OFFSET, & INVERTS ARE SHOWN IN DETAIL ON PREVIOUS SHEET

**DRAINAGE SCHEDULE**  
SEC. 03-00167-04-FP  
CARDINAL HILL ROAD (C.H. 37)  
SANGAMON COUNTY

SHEET 2 OF 3



Hanson Professional Services Inc.  
1828 South Sixth Street, Springfield, IL 62703  
Registration No. 14-001084  
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JOB NO.

03S2035B

DATE

6/21/06

LAYOUT BJB 3/15/04  
DRAWN BJB 7/22/04  
REVIEWED LDK 7/21/04  
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