

**441553-1/State Road 25 (US 27)
Polk County (16.140 - 19.160 MP)**

MAINLINE										TOTAL ASPHALT THICKNESS	CRACK DEPTH	SUB-SOILS			
CORE	MP	LANE	W/P	FC-5	SP1F	Type S	ARMI	Type S	Binder			Limerock	SCEM	STAB	COMMENTS
62	16.270	R1	N	0.8	2.8	1.9					5.5			12	
63	16.270	R1	Y	0.8	2.9	1.8					5.5	0.5		11.5	
64	16.270	R1	Y	0.7	3.2	1.8					5.7		11		
65	16.570	R1	N	1.3		3.2					4.5		11		
66	16.870	R1	Y	1	2.1	1.6	0.5			1.2	6.4		8.5		
67	17.161	R1	Y	0.6	2.8	1.5	0.5			1	6.4		11		12
69	17.415	R1	N	1	2	1					4.0		10		
70	17.718	R1	N	0.7	2.7	2.4	0.5	0.7			7.0		10		
71	18.020	R1	Y	0.5	1.5	1.3	0.5	0.7			4.5		11		
72	18.336	R1	Y	0.5	1.1	2.1	0.5	0.8			5.0		10		
73	18.807	R1	N	1.1	1.6	1	0.5	2.8			7.0		7		
74	19.032	R1	N	0.9	1.6	1.1	0.5	0.9			5.0		11		
40	16.330	R2	N	0.8	3	2					5.8			15	
41	16.690	R2	N	0.6	1.5	1.5	0.5	0.6			4.7		18		
42	16.980	R2	Y	0.5	1	1	0.5	1			4.0		10.5		
43	17.250	R2	Y	0.5	2.3	2.9	0.5	0.8			7.0		10.5		
44	17.548	R2	N	0.6	1.3	1.1	0.5	0.5			4.0		10.5		
45	17.840	R2	Y	0.8	1.4	0.8	0.5		1		4.5		10.5		
46	18.136	R2	N	1	1.6	1.1	0.5	0.5			4.7		10.5		
47	18.496	R2	N	0.9	1.3	1.2	0.4	0.3			4.1		10		
48	18.827	R2	Y	0.8	1.2	1.3	0.5	2.3			6.1		9		
15	16.243	R3	N	1	2.5	2					5.5			12	
17	16.530	R3	Y	0.8	2.3	2.4					5.5		5.2		
18	16.820	R3	Y	0.5	1	1.5					3.0	5	5		12
19	17.100	R3	Y	0.6	1.9	3.2					5.7	2.5	11		
21	17.365	R3	Y	0.8	1.4	3.3					5.5	5.5	9.5		
22	17.688	R3	Y	0.5	2	1.8					4.3		9		
23	18.030	R3	Y	0.7	1.8	2.5					5.0		13.5		
25	18.346	R3	Y	1	2.2	1.4					4.6		13		
12	16.770	R3	Y	0.8	2.7	1.5					5.0		12.5		
26	18.755	R3	N	0.9	1.4	0.8	0.5	2.4			6.0		11.5		
27	18.755	R3	N	0.8	1.2	3					5.0	5	12.5		
28	18.755	R3	Y	0.7	1.7	2.7					5.1		12.5		
49	19.012	L1	Y	0.7	1.6	1.5	0.5	0.7			5.0		13		
50	18.720	L1	Y	0.7	1.5	1.3	0.5	1.5	1.5		7.0		11		
51	18.426	L1	Y	1	1.6	6					8.6		10		
52	18.426	L1	N	0.9	1.4	3.6					5.9	5.9	12		
53	18.426	L1	Y	0.7	1.3	1.2	0.5	4.8	1.5		10.0		12		
54	18.160	L1	Y	1	1.7	1.3	0.5	4	1.2		9.7	1.2	8		
57	17.570	L1	N	0.6	1.3	1.5	0.5	7.7	1.4		13.0	0.5	10		
58	17.181	L1	N	0.8	1.5	1	0.5	6.9	1.3		12.0		11		
60	16.870	L1	Y	0.7	1.5	1.1	0.5	5.1	1.4		10.3		7		
61	16.541	L1	Y	0.8	1.6	2.7					5.1		12		
29	19.092	L2	N	0.7	1.1	0.7	0.5	1.4			4.4		12.2		
30	18.560	L2	Y	0.4	1.5	2	0.5	2.6			7.0		12		
31	18.246	L2	N	0.8	1.5	1.5	0.5	4.6	1.2		10.1		7		
32	18.060	L2	N	0.6	1.5	1.3	0.5	8.7	1.2		13.8		6		
33	17.758	L2	Y	0.9	1.2	1.1	0.5	2.7	1.3		7.7		9		
34	17.466	L2	Y	0.5	1.9	2	0.6	2.7	1.6		9.3		7		12
35	17.181	L2	Y	0.8	1.4	1.1	0.5	9.7	1.7		15.2		5		
36	16.880	L2	Y	0.7	1.3	1.4	0.5	13.4	1.3		18.6		5.5		
37	16.880	L2	Y	0.7	6.4	8.2					15.3	11	7		
38	16.880	L2	N	0.9	2	4.6					7.5		10.5		
39	16.257	L2	N	0.8	1.4	2.4					4.6		10		
1	19.102	L3	Y	0.6	1.8	3.5					5.9	4	12		
3	18.807	L3	Y	0.8	2	3.2					6.0	2.3	10		
4	18.567	L3	Y	1.2	2.2	2.1					5.5	2	13		
5	18.186	L3	Y	0.8	1.5	3					5.3	2.7	13		
7	17.930	L3	Y	0.9	1.8	2.7					5.4		13		
8	17.930	L3	Y	1	1.7	2.8					5.5	3	13		
9	17.930	L3	Y	1.1	1.8	2.8					5.7		12		
10	17.840	L3	Y	0.9	1.7	2.7					5.3	5.3	12		
11	17.570	L3	Y	0.5	1.5	3.5					5.5	2	12		12
12	16.770	L3	Y	0.8	2.7	1.5					5.0		12.5		
14	16.760	L3	N	0.7	1.5	2.8					5.0	5	11		
AVG				0.78	1.83	2.12	0.50	3.24	1.32		6.64	3.73	10.42	12.30	12.00

Side Streets										TOTAL ASPHALT THICKNESS	CRACK DEPTH	SUB-SOILS			
CORE	MP	LANE	W/P	FC-3	FC-5	FC-9.5	SP1F	Type S				Limerock	SCEM	STAB	COMMENTS
112	16.253	L1	N	1.0			1.0				2.0		8		
111	16.253	L1	N	1.3							1.3		9		
113	16.389	L1	N			1.2	1.9	1.4			4.5		13.5		
114	16.498	L1	N		0.7		1.4	1.9			4.0		14		
115	16.620	L1	N		1.2		2	2			5.2		12		
108	16.910	L1	N		1.3		2	1.7			5.0		13.5		
107	17.031	L1	N		2		2.6	1.5			6.1		13		
106	17.291	L1	N			2.2					2.2		16		
116	17.291	L1	Y	1.2				0.8			2.0		15.5		

117	17.405	R1	N		1.3			4.4	5.7		5		
119	17.658	L1	Y			0.6	3.4		4.0		13		
105	18.426	L1	Y			0.7	2.3		2	5.0	13		
122	18.426	L1	Y			0.5	2.7	0.7	3.9		15		
104	18.677	L1	N			1	1		2.0		17		
123	18.677	R1	Y			0.5	2.7	0.7	3.9		15		
AVG					1.17	1.30	0.96		3.79		12.69	13.75	

Shoulders								TOTAL ASPHALT THICKNESS	CRACK DEPTH	SUB-SOILS			
CORE	MP	LANE	W/P	FC-5	SP1F	Type S			Limerock	SCEM	STAB	COMMENTS	
16	16.243	OR	N	1.0	2.8	2.5	6.3			11			
20	17.100	OR	N	0.9		2.0	2.9				0	No base	
24	18.030	OR	N	0.7	3.3		4.0				0	No base	
55	18.160	IL	N	0.8	1.8	3.9	6.5		18				
59	17.181	IL	N	1	1.6	3.5	6.1		10				
2	19.102	OL	N	0.7		3.3	4.0		5				
6	18.186	OL	N	0.8	2.3	2.1	5.2		5				
13	16.770	OL	N	0.8	2.1	2.9	5.8		9.5				
AVG				0.84	2.32	2.89	5.10	0.00	9.50	11.00			

Turn Lanes								TOTAL ASPHALT THICKNESS	CRACK DEPTH	SUB-SOILS				
CORE	MP	LANE	W/P	FC-5	SP1F	Type S	Binder			Limerock	SCEM	ABC	STAB	COMMENTS
82	16.330	R1	N	0.6	2.9	1.8		5.3		14				
98	16.340	R1	Y	1.4	1.9	0.7		4.0			15			
83	16.458	R1	N	0.9	2	2.5		5.4			12			
84	16.590	R1	N	1.3	2.2	3		6.5		11				
99	17.250	R1	N	0.8	2.1	2.3		5.2		14				
85	17.250	R1	N	0.9	2.1	2.8		5.8		12				
86	17.385	R1	Y	1.2		3.1		4.3		11				
100	17.628	R1	N	0.9	1.9	3		5.8		12				
87	17.628	R1	Y	0.5	1.7	3.8		6.0		11				
120	17.890	R1	N	1.1	2.6	5.3		9.0		14				
121	18.150	R1	N	1.1	2.9	1.7		5.7				9.5		
101	18.386	R1	N	1.3	2.7	0.5		4.5				7.8		
88	18.376	R1	N	0.7	1	3.3		5.0	2	12				
89	18.588	R1	Y	0.6	1.5	2.6		4.7	3.4	16				
102	18.627	R1	Y	0.5	1.6	3.2	2.3	7.6		13				
90	18.750	R1	N	0.8	2.3	2.4		5.5		20				
103	19.132	R1	N	1.3	1.6	1.7		4.6				8.5		
91	19.142	R1	N	0.7	2.5	2.3		5.5		12				
92	18.722	L1	Y	0.6	2.4	4		7.0	1.8	12				
75	18.720	L1	Y	0.7	1.8	3.3		5.8	4	12				
76	18.546	L1	Y	0.5	1.5	3		5.0	2.5	13				
93	17.950	L1	N	0.6	2.4	3		6.0		12				
95	17.600	L1	N	0.7	1.3	2.3		4.3	2.8			6		
96	17.360	L1	Y	0.7	1.5	3.4		5.6	5.6	14				
77	17.350	L1	Y	0.9	2.2			3.1		25				
78	17.081	L1	N	0.5	2.5			3.0		25				
118	16.670	L1	Y	0.8	3.2	6		10.0	1	13				
80	16.570	L1	N	1	1.7	2.8		5.5		16.5				
81	16.440	L1	N	1.4	2	2.4		5.8						
97	16.430	L1	Y	1	2.5	1.5		5.0		14				
AVG				0.87	2.09	2.78	2.30	5.55	2.89	14.19	13.50	7.95		