

**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		