

2010 Performance Measures Annual Report -- Pavements

District 6-0

Current Pavement Smoothness Summary by Business Plan Network

Business Plan Network	Total Segment Miles	IRI						Low Level Network	
		Tested Segment Miles	Excellent Seg-Mi	Good Seg-Mi	Fair Seg-Mi	Poor Seg-Mi	Median IRI	Segment Miles	Seal Coat Out-of-Cycle Seg-Mi
Interstate	186.4	173.6	47.0	67.5	40.1	19.0	87		
NHS, Non-Interstate	989.3	969.9	81.3	310.7	333.2	244.8	133		
Non-NHS, ≥ 2000 ADT	2,456.9	2,424.0	85.9	824.3	903.5	610.4	165	25.5	1.8
Non-NHS, < 2000 ADT	644.3	637.8	29.8	173.8	236.9	197.4	194	182.7	19.2
Total - Roadway	4,276.9	4,205.3	244.0	1,376.2	1,513.6	1,071.5		208.2	21.0

Current Overall Pavement Index Summary

Business Plan Network	Total Segment Miles	OPI						Surface Out-of-Cycle Seg-Mi	Pavement Age > 40 years Out-of-Cycle Seg-Mi
		Tested Segment Miles	Excellent Seg-Mi	Good Seg-Mi	Fair Seg-Mi	Poor Seg-Mi	Median OPI		
Interstate	186.4	149.1	24.9	113.4	10.8	0.0	92	4.7	4.2
NHS, Non-Interstate	989.3	949.4	31.7	571.2	274.9	71.5	84	301.9	229.7
Non-NHS, ≥ 2000 ADT	2,456.9	2,401.2	151.3	925.7	1,145.8	178.5	80	754.4	
Non-NHS, < 2000 ADT	644.3	636.4	81.1	340.7	165.6	49.0	75	177.6	
Total - Roadway	4,276.9	4,136.1	289.0	1,951.0	1,597.2	298.9		1,238.6	233.9

Interstate and NHS, Non-Interstate Goals

Goal: Reduce Poor IRI

Business Plan Network	Long Range % IRI Seg-Mi	Target 2011 % IRI Seg-Mi	Actual 2010 % IRI Seg-Mi
Interstate	1.5%	9.1%	10.9%
NHS, Non-Interstate	5.0%	21.2%	25.2%

Goal: Maintain % Good and Excellent OPI

Business Plan Network	Long Range % OPI Seg-Mi	Target 2011 % OPI Seg-Mi	Actual 2010 % OPI Seg-Mi
Interstate	92.7%	92.7%	92.7%
NHS, Non-Interstate	63.5%	63.5%	63.5%

Goal: Reduce Surface Out-of-Cycle (Fair and Poor OPI)

Business Plan Network	Long Range % OPI Seg-Mi	Target 2011 % OPI Seg-Mi	Actual 2010 % OPI Seg-Mi
Interstate	0.7%	0.7%	0.7%
NHS, Non-Interstate	10.0%	14.8%	16.0%

Goal: Maintain Pavement Potentially Past Design Service Life, Out-of-Cycle (Poor OPI)

Business Plan Network	Long Range % OPI Seg-Mi	Target 2011 % OPI Seg-Mi	Actual 2010 % OPI Seg-Mi
Interstate	0.0%	0.0%	0.0%
NHS, Non-Interstate	2.2%	2.2%	2.2%

Non-NHS Goals

Goal: Maintain Poor IRI

Business Plan Network	Long Range % IRI Seg-Mi	Target 2011 % IRI Seg-Mi	Actual 2010 % IRI Seg-Mi
Non-NHS, ≥ 2000 ADT	25.2%	25.2%	25.2%
Non-NHS, < 2000 ADT	30.9%	30.9%	30.9%

Goal: Maintain % Good and Excellent OPI

Business Plan Network	Long Range % OPI Seg-Mi	Target 2011 % OPI Seg-Mi	Actual 2010 % OPI Seg-Mi
Non-NHS, ≥ 2000 ADT	44.8%	44.8%	44.8%
Non-NHS, < 2000 ADT	66.3%	66.3%	66.3%

Goal: Maintain Surface Out-of-Cycle (Poor OPI)

Business Plan Network	Long Range % OPI Seg-Mi	Target 2011 % OPI Seg-Mi	Actual 2010 % OPI Seg-Mi
Non-NHS, ≥ 2000 ADT	4.5%	4.5%	4.5%
Non-NHS, < 2000 ADT	5.2%	5.2%	5.2%

Goal: Reduce Seal Coat (Low Level) Network Out-of-Cycle

Business Plan Network	Long Range % Seg-Mi	Target 2011 % Seg-Mi	Actual 2010 % Seg-Mi
Non-NHS, ≥ 2000 ADT	0.0%	5.6%	7.0%
Non-NHS, < 2000 ADT	0.0%	8.4%	10.5%

Note: for the Interstate and NHS, Non-Interstate Business Plan Networks, the IRI and OPI data is for 2010. For the Non-NHS Business Plan Networks, the IRI and OPI data for most recent year captured, either 2009 or 2010.

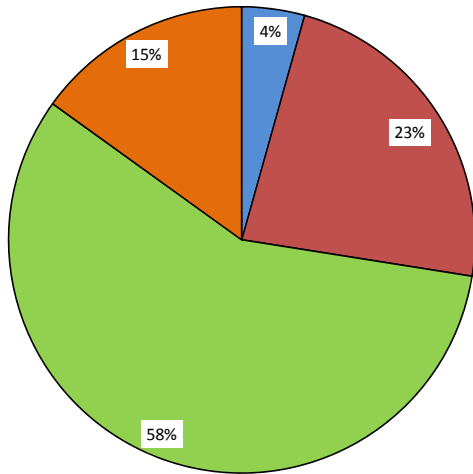
Note: Pavement Potentially Past Design Service Life, Out-of-Cycle is defined as old pavements (pre-2009 pavement age) greater than 40 years.

Note: Long-Range Goals are for 5-years (2015).

Legend

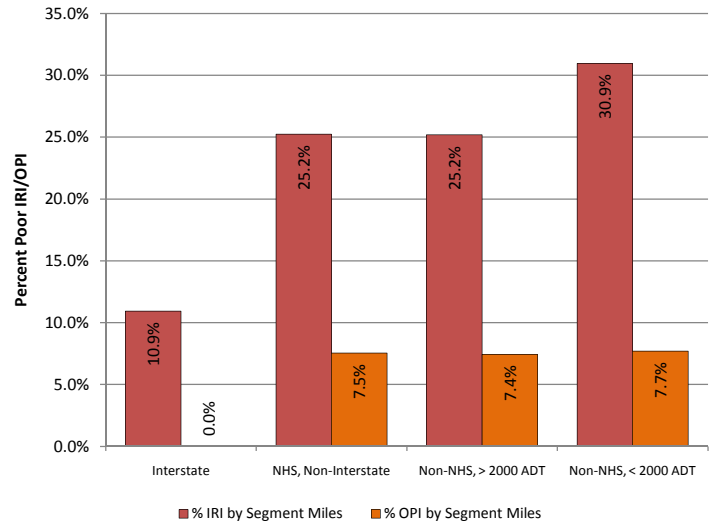
Target - Optimum Threshold
Target - Cautionary Threshold
Actual - At Optimum Threshold
Actual - At Cautionary Threshold
Actual - Not Meeting Cautionary Threshold

Percent Segment Miles by Business Plan Network

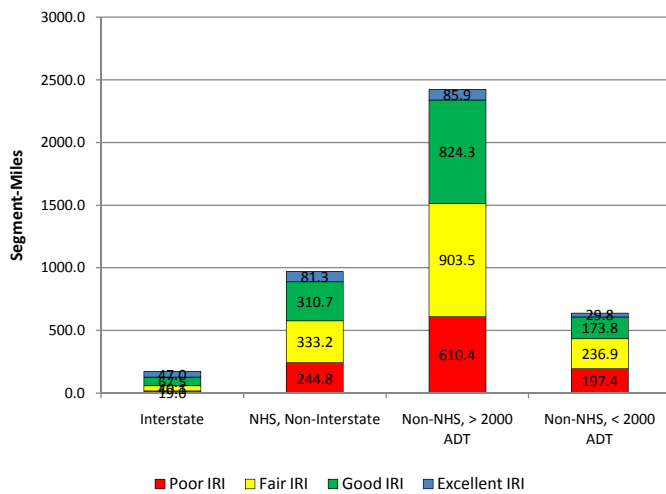


■ Interstate ■ NHS, Non-Interstate ■ Non-NHS, > 2000 ADT ■ Non-NHS, < 2000 ADT

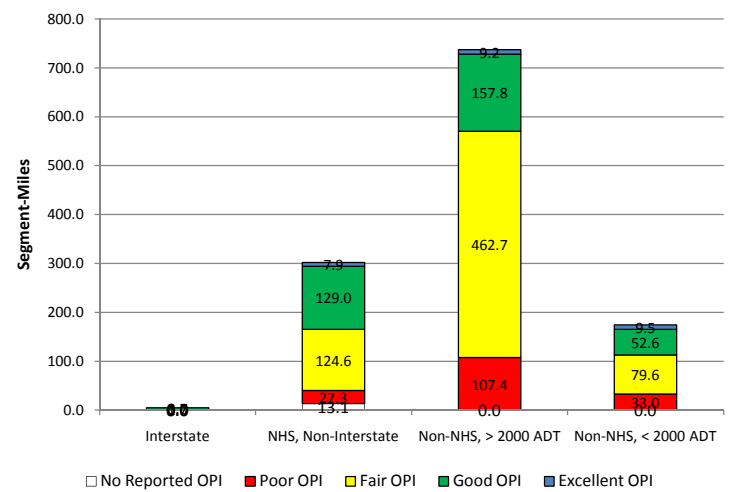
Percent of Segment Miles with a Poor IRI and Poor OPI by Business Plan Network



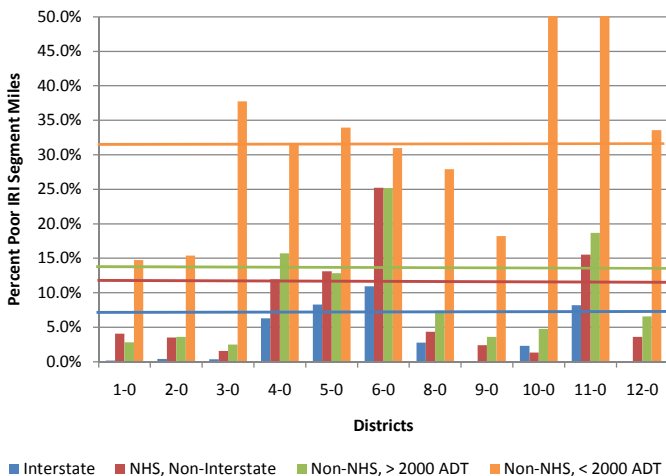
Segment Miles by Business Plan Network with IRI Ratings



Surface Out-of-Cycle Segment Miles by Business Plan Network with OPI Ratings



Percent Poor IRI by District, by Business Plan Network



Segment Miles of Pavement Potentially Past Design Service Life, Out-of-Cycle

