

2011 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	184.1	43.3	66.7	52.6	21.5	90		
NHS, Non-Interstate	989.0	936.7	67.9	310.0	328.1	230.6	133		
Non-NHS, ≥ 2000 ADT	2,450.9	2,395.7	81.5	772.3	846.8	695.1	169	24.7	1.8
Non-NHS, < 2000 ADT	646.3	637.6	34.0	152.8	200.3	250.6	204	183.4	14.8
Total - Roadway	4,272.6	4,154.1	226.7	1,301.7	1,427.9	1,197.8		208.1	16.6

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	153.1	6.4	135.2	11.5	0.0	92	9.0	5.2
NHS, Non-Interstate	989.0	927.3	21.0	590.6	249.3	66.4	85	340.7	269.1
Non-NHS, ≥ 2000 ADT	2,450.9	2,380.1	157.3	953.2	1,099.2	170.4	80	809.1	
Non-NHS, < 2000 ADT	646.3	636.1	70.7	337.8	173.7	53.9	74	197.9	
Total - Roadway	4,272.6	4,096.7	255.4	2,016.8	1,533.7	290.8		1,356.7	274.3

Interstate and NHS, Non-Interstate Goals

Goal: Reduce Poor IRI

Business Plan Network	Long Range % IRI Seg-Mi	Target 2012 % IRI Seg-Mi	Actual 2011 % IRI Seg-Mi
Interstate	1.5%	7.2%	11.7%
NHS, Non-Interstate	5.0%	17.1%	24.6%

Goal: Maintain % Good and Excellent OPI

Business Plan Network	Long Range % OPI Seg-Mi	Target 2012 % OPI Seg-Mi	Actual 2011 % OPI Seg-Mi
Interstate	92.7%	92.7%	92.5%
NHS, Non-Interstate	79.0%	69.7%	66.0%

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

Business Plan Network	Long Range % OPI Seg-Mi	Target 2012 % OPI Seg-Mi	Actual 2011 % OPI Seg-Mi
Interstate	0.7%	0.7%	0.8%
NHS, Non-Interstate	10.0%	13.6%	18.8%

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

Business Plan Network	Long Range % OPI Seg-Mi	Target 2012 % OPI Seg-Mi	Actual 2011 % OPI Seg-Mi
Interstate	0.0%	0.0%	0.0%
NHS, Non-Interstate	2.2%	2.2%	3.1%

Non-NHS Goals

Goal: Maintain Poor IRI

Business Plan Network	Long Range % IRI Seg-Mi	Target 2012 % IRI Seg-Mi	Actual 2011 % IRI Seg-Mi
Non-NHS, ≥ 2000 ADT	25.2%	25.2%	29.0%
Non-NHS, < 2000 ADT	30.9%	30.9%	39.3%

Goal: Maintain % Good and Excellent OPI

Business Plan Network	Long Range % OPI Seg-Mi	Target 2012 % OPI Seg-Mi	Actual 2011 % OPI Seg-Mi
Non-NHS, ≥ 2000 ADT	44.8%	44.8%	46.7%
Non-NHS, < 2000 ADT	66.3%	66.3%	64.2%

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

Business Plan Network	Long Range % OPI Seg-Mi	Target 2012 % OPI Seg-Mi	Actual 2011 % OPI Seg-Mi
Non-NHS, ≥ 2000 ADT	4.5%	4.5%	4.4%
Non-NHS, < 2000 ADT	5.2%	5.2%	6.0%

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

Business Plan Network	Long Range % Seg-Mi	Target 2012 % Seg-Mi	Actual 2011 % Seg-Mi
Non-NHS, ≥ 2000 ADT	0.0%	4.2%	7.2%
Non-NHS, < 2000 ADT	0.0%	6.3%	8.1%

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 2010 or 2011.

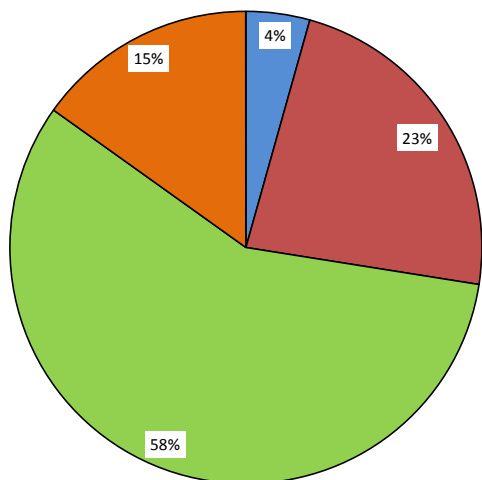
Note: Pavement Potentially Past Design Service Life, Out-of-Cycle is defined as old pavements (pre-2009 pavement age) greater than 40 years.

Note: Coloration of the Actual 2011 column is based on the Target set for 2011. Long-Range Goals are for 2015.

Legend

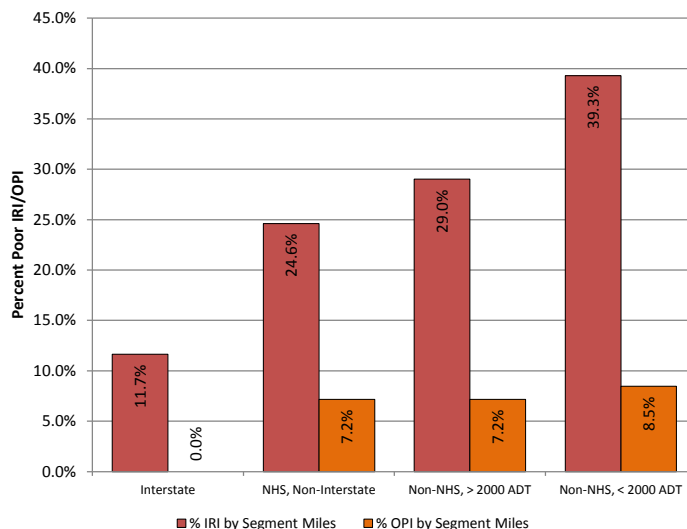
Target - Optimum Threshold
Target - Cautionary Threshold
Actual - At Optimum Threshold
Actual - At Cautionary Threshold
Actual - Not Meeting Cautionary Threshold

**Percent Segment Miles
by Business Plan Network**

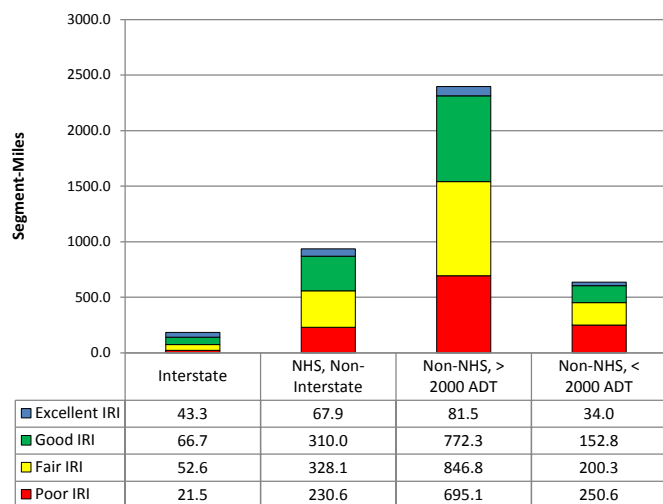


■ Interstate ■ NHS, Non-Interstate ■ Non-NHS, > 2000 ADT ■ Non-NHS, < 2000 ADT

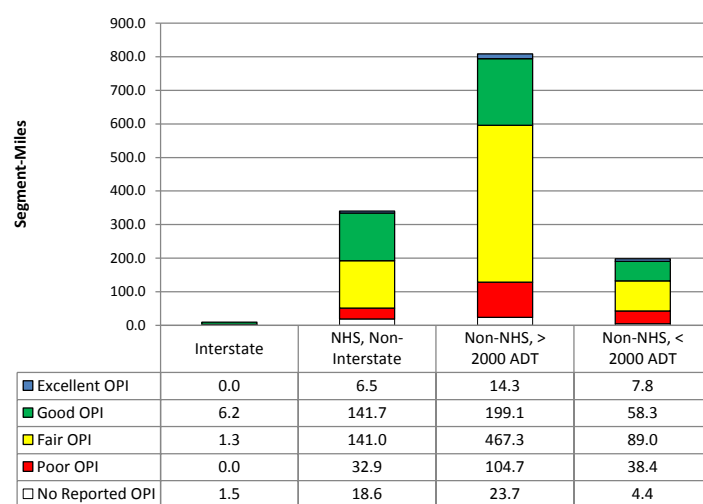
**Percent of Segment Miles with a Poor IRI
and Poor OPI by Business Plan Network**



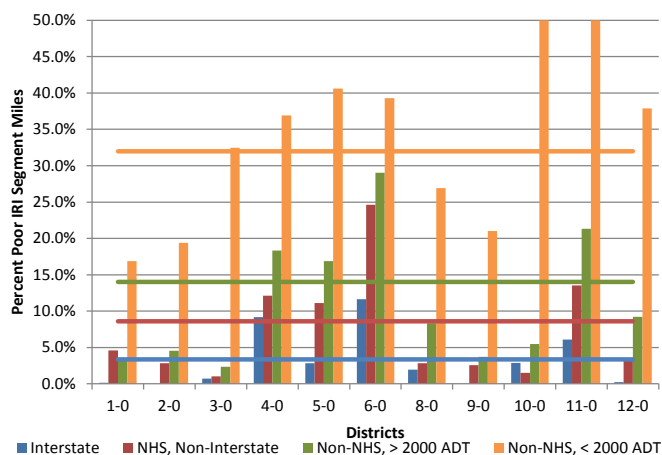
**Segment Miles by Business Plan Network
with IRI Ratings**



**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**

