

Section Condition Report

Date: 12/17/2012

4294967295 of 1

Pavement Database: ARVADA 2013 FINAL NetworkID: ARVADA

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes (SqFt)	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI	Condition
											Good
											Satisfactory
											Fair
											Poor

Section Condition Report

Date: 12/17/2012

4294967295 of 1

Pavement Database: ARVADA 2013 FINAL

December 2012 Network Condition

Age Category	Average Age At Inspection	Total Area (SqFt)	Number of Sections	Arithmetic Average PCI	PCI Standard Deviation	Weighted Average PCI
0-02	0.69	4,919,728.56	431	94.55	6.25	93.11
03-05	3.97	3,900,752.00	183	80.70	14.01	78.74
06-10	8.35	10,048,539.00	721	81.08	13.08	77.79
11-15	12.92	21,168,939.01	1,589	66.67	16.06	66.60
16-20	17.71	15,220,335.00	1,154	55.50	19.82	55.93
21-25	22.63	11,350,362.00	913	50.07	20.46	50.85
26-30	27.48	5,103,803.00	279	46.48	22.62	43.62
31-35	31.97	5,598,138.47	470	32.47	13.07	32.29
All	15.92	77,310,051.06	5,740	62.35	23.30	61.94

December 2012 Network Condition

Condition	Condition Breakdown	%	LM	Overall Condition	
Good	100 - 86	Good	22%	319	62.36 Fair
Satisfactory	85 - 71	Satisfactory	18%	261	
Fair	70 - 56	Fair	20%	290	
Poor	55 - 41	Poor	40%	290	
Very Poor	40 - 26				
Serious	25 - 11				
Failed	10 - 0				

Network Condition Difference

Condition	Condition Breakdown	%	LM	Overall Condition	
Good	100 - 86	Good	-8%	-109	11.76 Increase
Satisfactory	85 - 71	Satisfactory	-5%	-65	
Fair	70 - 56	Fair	6%	85	
Poor	55 - 41	Poor	10%	-190	
Very Poor	40 - 26				
Serious	25 - 11				
Failed	10 - 0				

December 2011 Network Condition

Condition	Condition Breakdown	%	LM	Overall Condition	
Good	100 - 86	Good	30%	428	50.60 Poor
Satisfactory	85 - 71	Satisfactory	23%	326	
Fair	70 - 56	Fair	14%	205	
Poor	55 - 41	Poor	33%	480	
Very Poor	40 - 26				
Serious	25 - 11				
Failed	10 - 0				

Section Condition Report

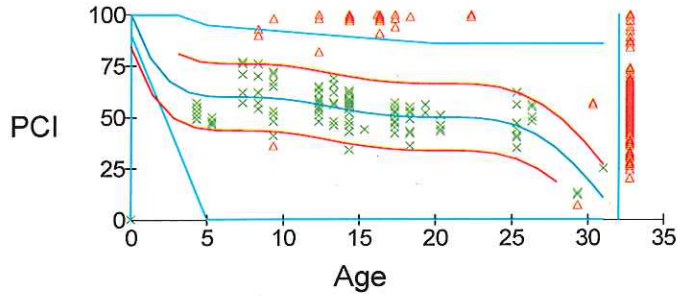
Date: 12/17/2012

4294967295 of 1

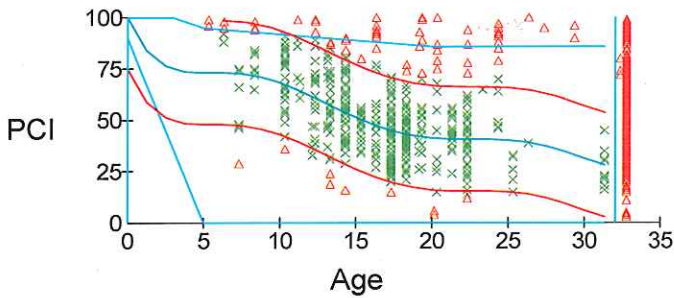
Pavement Database: ARVADA 2013 FINAL NetworkID: ARVADA

Branch ID	Section ID	Last Const. Date	Surface	Use	Rank	Lanes (SqFt)	True Area (SqFt)	Last Inspection Date	Age At Inspection	PCI	Condition
											Good
											Satisfactory
											Fair
											Poor

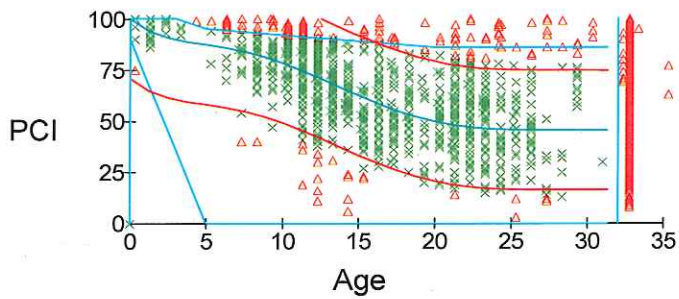
Arterial Streets Cycle Curve
Critical Condition: 48%



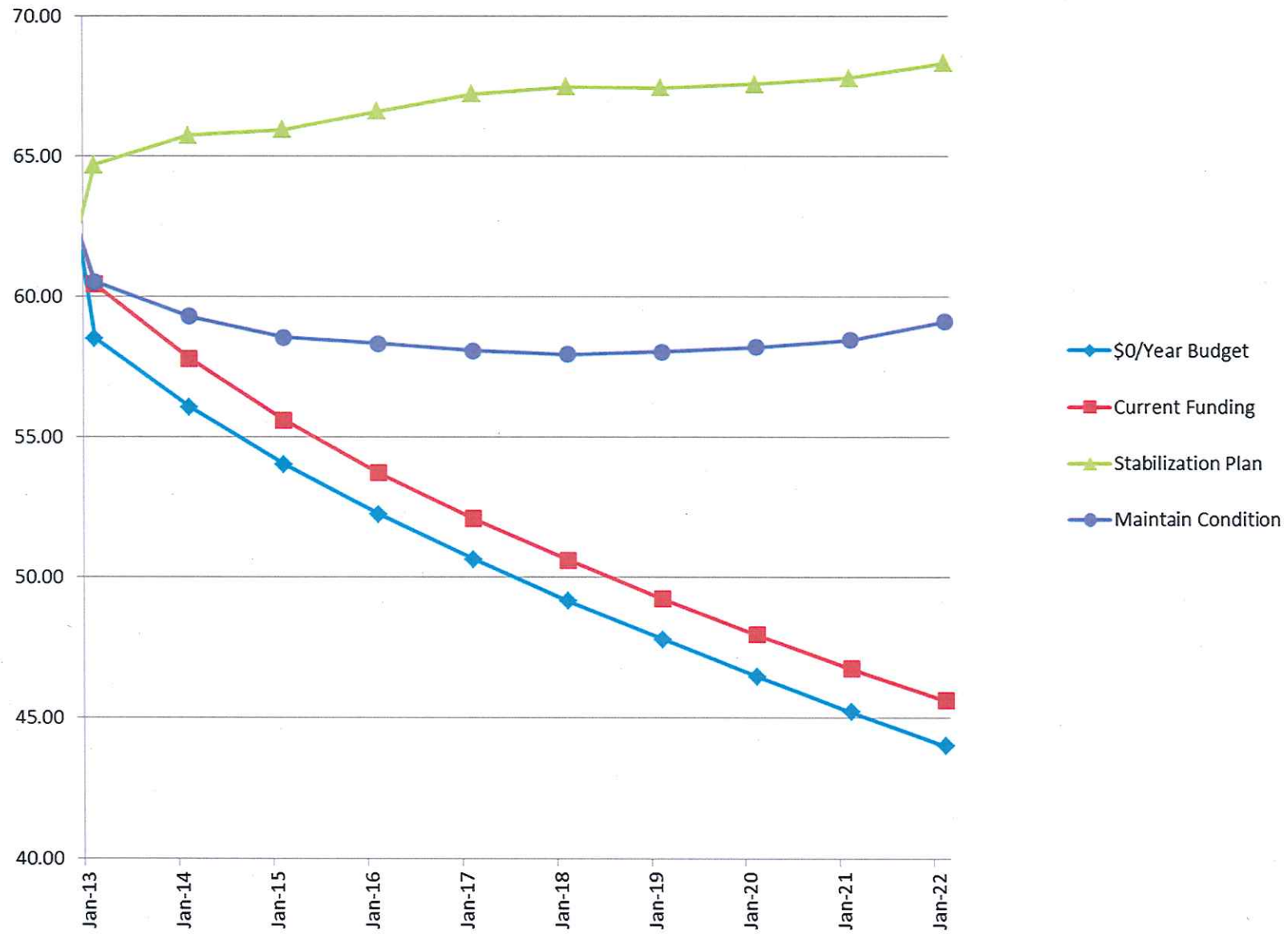
Collector Streets Cycle Curve
Critical Condition: 45%



Local Streets Cycle Curve
Critical Condition: 45%



10 Year Analysis



Work Plan Scenario

Work Plan Scenario: Condition Stabilization (Green)			
Date	Condition/PCI	Funded	Unfunded
2013	64.68	\$17,499,498.91	\$42,977,738.16
2014	65.75	\$17,499,610.61	\$44,253,739.40
2015	65.95	\$17,496,857.09	\$45,337,872.92
2016	66.61	\$17,497,647.77	\$48,566,610.95
2017	67.23	\$17,497,417.69	\$52,576,933.11
2018	67.49	\$17,495,726.96	\$56,880,786.08
2019	67.44	\$17,496,339.39	\$63,515,649.77
2020	67.58	\$17,497,038.14	\$71,786,429.22
2021	67.79	\$17,499,995.94	\$80,103,747.96
2022	68.32	\$17,499,976.85	\$90,267,354.65
Total:		\$174,980,109.35	

Total Cost: \$265,247,464.00

Work Plan Scenario: Maintain Condition (Purple)			
Date	Condition/PCI	Funded	Unfunded
2013	60.53	\$2,999,999.90	\$56,272,229.26
2014	59.31	\$2,999,999.86	\$64,074,069.83
2015	58.56	\$2,999,999.65	\$72,746,057.01
2016	58.33	\$4,999,999.81	\$81,866,364.76
2017	58.08	\$4,999,991.69	\$93,399,787.78
2018	57.95	\$4,999,988.80	\$104,482,506.97
2019	58.04	\$4,999,995.37	\$116,680,686.10
2020	58.21	\$6,999,962.72	\$127,018,473.68
2021	58.46	\$6,999,970.20	\$139,799,192.65
2022	59.12	\$6,999,915.04	\$154,751,136.48
Total:		\$49,999,823.04	

Total Cost: \$204,750,959.52

Work Plan does not include schedules:

- Concrete work plan ----- \$1.5M
- Street crews concrete and asphalt work plan - \$0.5M