

**Miles by Functional Class and District**

8/9/2019

PCI = projected FY2021 starting Network PCI after FY2020 programed treatments applied

District:	1		2		3		4		5		Total	
	Miles	PCI	Miles	PCI	Miles	PCI	Miles	PCI	Miles	PCI	Miles	PCI
Arterial/Collector	145	61	42	69	254	44	191	54	36	74	668	54
Local	457	28	55	38	312	40	304	41	108	37	1,236	35
Total	602	-	97	-	565	-	495	-	144	-	1,904	-

**FY 2021 conditions following programed FY2020 treatments**

Condition by Functional Class by Area & Miles Calculated based on standard width assumptions: Arterial 42, Collector 32 and Residential 24

All Unincorporated Pima County					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good	11 2%	210 27%		78 15%	300 44%
II / III - Good	3 1%	46 6%		56 11%	106 17%
IV - Poor	20 4%	58 8%		29 5%	107 17%
V - Fail	17 3%	138 18%		0 0%	155 21%
<b>Total</b>	<b>51 10%</b>	<b>453 59%</b>		<b>163 31%</b>	<b>668 100%</b>

  

Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			111 9%		
II / III - Good			188 15%		
IV - Poor			439 36%		
V - Fail			498 40%		
<b>Total</b>			<b>1236 100%</b>		

District 1					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good	1 0%	25 13%		40 32%	65 46%
II / III - Good	0 0%	3 2%		27 21%	30 23%
IV - Poor	0 0%	9 5%		18 14%	27 19%
V - Fail	0 0%	23 12%		0 0%	23 12%
<b>Total</b>	<b>1 0%</b>	<b>60 32%</b>		<b>84 68%</b>	<b>145 100%</b>

  

Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			21 5%		
II / III - Good			25 6%		
IV - Poor			180 40%		
V - Fail			231 51%		
<b>Total</b>			<b>457 100%</b>		

District 2					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good	2 5%	18 34%		9 25%	29 63%
II / III - Good	0 0%	0 0%		10 27%	10 27%
IV - Poor	2 6%	1 1%		1 3%	4 10%
V - Fail	0 0%	0 0%		0 0%	0 0%
<b>Total</b>	<b>4 10%</b>	<b>19 35%</b>		<b>19 55%</b>	<b>42 100%</b>

  

Condition	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			8 15%		
II / III - Good			6 12%		
IV - Poor			24 44%		
V - Fail			16 30%		
<b>Total</b>			<b>55 100%</b>		

District 3					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good	3 2%	71 26%		8 4%	82 32%
II / III - Good	2 1%	29 11%		10 6%	41 17%
IV - Poor	0 0%	30 11%		2 1%	32 12%
V - Fail	17 9%	81 30%		0 0%	99 39%
<b>Total</b>	<b>22 12%</b>	<b>212 77%</b>		<b>20 11%</b>	<b>254 100%</b>

  

Condition	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			36 12%		
II / III - Good			56 18%		
IV - Poor			106 34%		
V - Fail			114 37%		
<b>Total</b>			<b>312 100%</b>		

District 4					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good	5 3%	76 35%		16 10%	96 49%
II / III - Good	1 1%	14 7%		7 5%	22 12%
IV - Poor	18 12%	15 7%		6 4%	39 23%
V - Fail	0 0%	33 15%		0 0%	33 15%
<b>Total</b>	<b>24 16%</b>	<b>138 64%</b>		<b>29 19%</b>	<b>191 100%</b>

  

Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			34 11%		
II / III - Good			81 27%		
IV - Poor			89 29%		
V - Fail			100 33%		
<b>Total</b>			<b>304 100%</b>		

District 5					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good	1 3%	19 46%		7 24%	27 73%
II / III - Good	0 0%	0 1%		3 10%	3 12%
IV - Poor	0 0%	4 8%		2 7%	5 15%
V - Fail	0 0%	0 0%		0 0%	0 0%
<b>Total</b>	<b>1 3%</b>	<b>23 55%</b>		<b>12 41%</b>	<b>36 100%</b>

  

Condition*	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			12 11%		
II / III - Good			20 18%		
IV - Poor			39 36%		
V - Fail			38 35%		
<b>Total</b>			<b>108 100%</b>		

**Condition**

Condition categories are established in StreetSaver to group ranges of PCI into treatment type categories. Separate ranges can be created for each functional class and each pavement type. Currently we are using the following ranges:

	Arterials		collectors		Residential		Other(UHV)	
I - Very Good	90	60	90	50	Do Nothing		90	70
II / III - Good	60	50	50	40	Worst First		70	50
IV - Poor	50	25	40	25	50	25	50	25
V - Fail	25	0	25	0	25	0	25	0

**Other(UHV)**

Other is a functional class provided by StreetSaver. This functional class is used for Urban High Volume (UHV) arterials and collectors, for example Campbell Av and Valencia Rd. These roads are differentiated from rural arterials and collectors, for example Sahuarita Rd and Arivaca Rd. Different treatments can then be programmed, for example a poor UHV road could receive a capeseal and a poor arterial could receive a double chip seal.

**Data notes**

Data set for analysis is the January 2019 PASER data converted to PCI

Source: Scenario 6 [A/C or Local] Budget by BOS...

File names: Locals: By BOS [#] 50% to Local, no 6M NSG ...

A/C: By BOS[#] ALL 50% to Art, Coll, Otr+6MHURF Project added...