

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	144.6	61	41.8	69	253.8	44	191.3	54	36.0	74	667.6	54
Local	456.9	28	55.1	38	311.7	40	303.9	41	108.4	37	1,236.1	35
Total	601.6	-	96.9	-	565.5	-	495.2	-	144.4	-	1,903.7	-

FY 2021 conditions following programed FY2020 treatments

All Unincorporated Pima County					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)*	Total
I - Very Good	2%	27%		15%	44%
II / III - Good	1%	6%		11%	17%
IV - Poor	4%	8%		5%	17%
V - Fail	3%	18%		0%	21%
Total	10%	59%		31%	100%

Condition*	Arterial	Collector	Res/Loc	Other(UHV)*	Total
I - Very Good			9%		
II / III - Good			15%		
IV - Poor			36%		
V - Fail			40%		
Total			100%		

District 1					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)*	Total
I - Very Good	0%	13%		32%	46%
II / III - Good	0%	2%		21%	23%
IV - Poor	0%	5%		14%	19%
V - Fail	0%	12%		0%	12%
Total	0%	32%		68%	100%

Condition*	Arterial	Collector	Res/Loc	Other(UHV)*	Total
I - Very Good			5%		
II / III - Good			6%		
IV - Poor			40%		
V - Fail			51%		
Total			100%		

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

Condition	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			15%		
II / III - Good			12%		
IV - Poor			44%		
V - Fail			30%		
Total			100%		

District 3					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)*	Total
I - Very Good	2%	26%		4%	32%
II / III - Good	1%	11%		6%	17%
IV - Poor	0%	11%		1%	12%
V - Fail	9%	30%		0%	39%
Total	12%	77%		11%	100%

Condition	Arterial	Collector	Res/Loc	Other(UHV)	Total
I - Very Good			12%		
II / III - Good			18%		
IV - Poor			34%		
V - Fail			37%		
Total			100%		

District 4					
Condition*	Arterial	Collector	Res/Loc	Other(UHV)*	Total
I - Very Good	3%	35%		10%	49%
II / III - Good	1%	7%		5%	12%
IV - Poor	12%	7%		4%	23%
V - Fail	0%	15%		0%	15%
Total	16%	64%		19%	100%

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

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

Condition*	Arterial	Collector	Res/Loc	Other(UHV)*	Total
I - Very Good			11%		
II / III - Good			18%		
IV - Poor			36%		
V - Fail			35%		
Total			100%		

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...