

## City Engineering Division RESURFACING PROGRAM

- Resurface about 3 miles of streets throughout the City
- Resurfacing program which includes resurfacing, crack filling, mill/overlay and seal coat is designed to improve the quality of the street and delay the need for total reconstruction
- Deficient C&G sections are replaced
- ⇒ Terraces are restored (topsoil, seed & mulch)
- ⇒ Pavement is milled or pulverized
- > New layer(s) of asphalt are paved
- Project Highlights

12/5/2016

## SELECTION PROCESS

- ⇒ How are streets selected for resurfacing?
- ⇒ Streets rated bi-annually

  PASER Scale (UW-Madison)
- ⇒ Coordination with other public works projects
- ⇒Group streets around City for cost/efficiency

12/5/2016

3

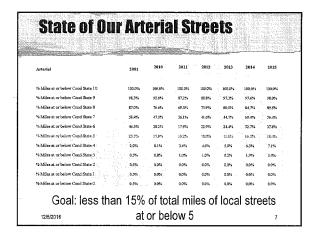
## **RATING SYSTEM**

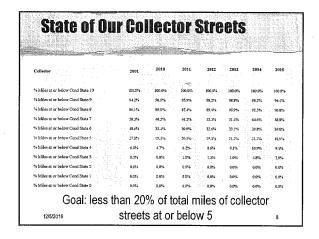
- ⇒PASER rates streets from 1 10
- ⇒Resurface streets with a pavement rating of 5 or less and a c&g rating of 6 or greater
- ⇒ Reconstruct streets with lower ratings (these streets require extensive replacement and not cost effective for resurfacing)

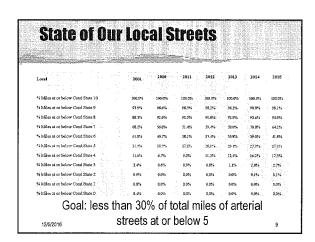
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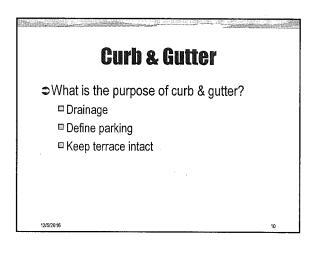
AllS	ireele:		2001	2010	2011	2012	2013 2014	2015
	Total Miles		682.38	769.14	771.59	773.08	777.05 779,69	784.78
3962	Total Lane Miles			1717.91	1734,75	1741.38	1750.20 1735.97	1752.04
	Average Surface Year		1982	1991	1992	1992	1993 . 1994 .	1994
	Average Curb Rating		686	1.79	7.28	7,39	7.29 1 7.29	728
	Average Povenent Rusing		6,33	550	7.01	6.80	6.15 6.69	4.61
All Ste	rets by Chus		2001	2010	2011	2012	2013 2014	2015
,								1.00
	Arterial Streets							
	Total Miles		75.21	93.35	94,35	94.35	94.80 94.97	95.16
	Total Lane Miles		10.49	312.57	323.92	327,90	328.81 324.00	325.74
	Avernus Surface Year		1986	1996	2000	1000	2001 2002	2002
	Avernoe Curb Ratine		7.64	7.37	7.70	2.74	7.65 7.66	7.00
	Average Pavernect Ration		6.85	7.72	2.25	7.55	7.37 7.09	6.90
	CollectorStreets	100						
	Total Miles	311	153.99	166.48	166.25	166.42	167.13 161.03	169.33
	Total Lane Miles			376,79	378.94	379.29	381.19 373.56	380.66
	Average Surface Year		1987	1996	1997	1953	1998 2000	2001
	Average Curb Rating		7.05	7.43	7.51	7.52	7.49 7.59	2.60
	: Average Payament Rating		6.00	7,00	7,14	658	6,35 6.68	5.84
	Local Streets							3.0
	Total Miles		453.18	509,3T	513.00	512.32	515.12 516.72	520,24
	Total Lane Miles			1028.54	- 1031.89	1034.59	1040.20 1038.41	1045.64
	Average Steface Year		1580	1938	. 1987 .	1950	1990 1991	1992
	Average Curb Reling	4.0	5.67	7.00	7.12	7.14	7,16 7.13	7.12
	Avenge Pavement Rating		6.39	6.76	6.84	6.73	6.73 6.53	6.53

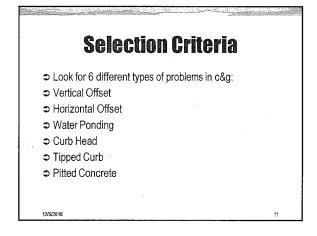
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			2010	2011	2012	2013	2014 20
Arterial, Collector and	f Local	2001	2010	2011	2012	1013	2014 20
						i di	
% Miles at or below Co	nd State 10	100.0%	100.05	100,056	100,0%	100,056	100.0% 100
% Miles at or below Co	nd State 9	94,5%	97.43	96.6%	97.1%	98.3%	98.5% 97
% Miles at or below Co	nd State 8	87,7%	89,91	87.3%	89,4%	90,9%	92.2% 93
% Miles at or below Co	nd State 7	65,0%	53,25	48,0%	55.7%	55,6%	68.2% 62
% Miles at or below Co	nd State 6	57.2%	37.41	34.1%	34,6%	33.8%	38.4% 40
% Miles at or below Co	nd Sinte 5	32,0%	25,09	24.1%	24 0%	24,6%	25,2% 26
% Miles at or below Co	and State 4	9,3%	6,5%	7,7%	9.9%	10.8%	13.9% 14
% Miles at or below Co	and State 3	L8%	0.7%	0.9%	0.9%	1.0%	3.1% 2.
% Miles at or below Co	and State 2	0.7%	0.096	0.0%	0.054	0.0%	0.1% 0.
% Miles at or below Co		0.6%	0.0%	. B	0.0%	0.0%	0.0% 0
% Miles at or below Co		0.3%	0.0%			0.0%	0.0% 0.

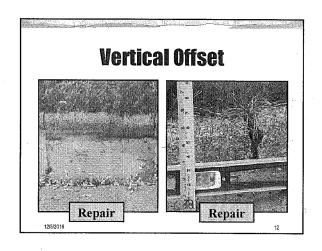




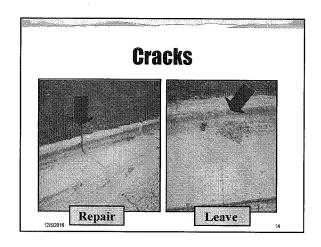


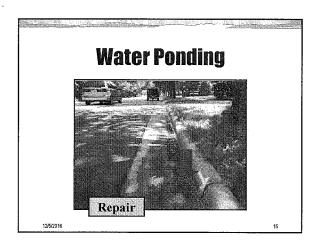


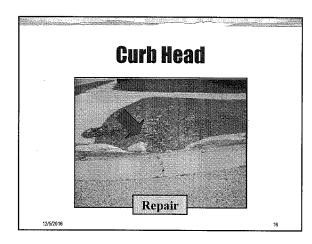


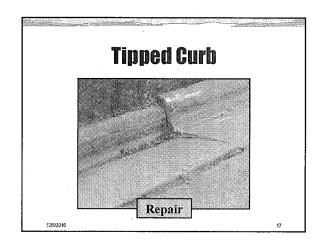


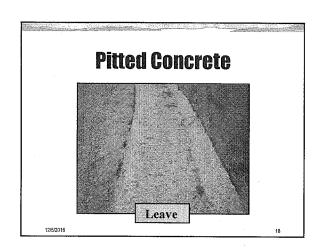












## Assessments

- Cost split with property owner and City
- ⇒ Curb & Gutter work associated with storm sewer inlets is not assessed to property owners
- ⇒ Public hearings at Board of Public Works and Common Council meetings
- ⇒ Pay assessment in full the year invoiced or pay installments over an eight year period

12/5/2016

9

