



# Cleveland Metroparks 2016 Asphalt Pavement Improvements





# CLEVELAND METROPARKS PAVEMENT INVENTORY

- 91 Miles of Roadway
- 22 Miles of Facility Service Drives
- 108 Miles of Paved All Purpose Trail
- 181 Acres of Parking Lots





# 2012 Typical Reconstruction Areas





# 2016 Typical Reconstruction Areas





## Pavement Repair Areas Prior to Paving

- 2010 Bedford Reservation Paving = 40%
- 2011 North Chagrin and Mill Stream Run Paving = 45%
- 2012 Mill Stream Run Reservation Paving = 54%
- 2013 Euclid Creek and Mill Stream Run Paving = 50%
- 2014 Rocky River and Mill Stream Run Paving = 40%
- 2015 Hinckley and Mill Stream Run Paving = 32%
- Anticipated 2016 Paving Repair Area = 37%





# 2016 Asphalt Pavement Improvements Anticipated Construction Costs

- Designed for \$178,000 per Mile
- 37% Existing Roadway Repair Prior to Paving
- 5.42 Miles @ \$178,000 per Mile = \$965,000





# ROADWAY RATING



## 2012 ROADWAY PAVEMENT RATING

	street_name	suffix	begin_description	begin_log	end_log	length	PCR	total_deduction	structural_deduct	rating	date	year
1	NC-Strawberry	LN	SOM Center	0	0.5	0.5	70	30	30	RSCHUERGER	8/30/2012	2012
2	MSR-Royalview	LN	Valley Pkwy	0	1	1	73	27	10	RSCHUERGER	8/20/2012	2012
3	MSR-Valley	PKWY	Albion	7	8	1	78.25	23.75	14.35	RSCHUERGER	8/20/2012	2012
4	NC-Oxbow	LN	Chagrin River Rd	0	0.34	0.34	78.1	21.9	7	RSCHUERGER	8/30/2012	2012
5	MSR-Valley	PKWY	Eastland Dump	4	5	1	78.2	21.8	13.9	RSCHUERGER	8/30/2012	2012
6	RR-Old Lorain	HL	Lorain Rd	0	0.28	0.28	85.3	14.7	10.9	RSCHUERGER	8/30/2012	2012
7	BC-Big Creek	PKWY	Snow	1	2	1	87.8	12.2	4.9	RSCHUERGER	8/17/2012	2012
8	BR-Valley	PKWY	Brecksville Rd	2	3	1	88.35	11.65	5	RSCHUERGER	8/17/2012	2012
9	RR-Shephard	LN	Valley Pkwy	0	0.41	0.41	89.3	10.7	7.9	RSCHUERGER	8/30/2012	2012
10	BR-Valley	PKWY	Ridge	7	8	1	89.45	10.55	6	RSCHUERGER	8/17/2012	2012
11	RR-Valley	PKWY	Old Lorain	8.11	10.21	2.1	89.7	10.3	3.5	RSCHUERGER	8/30/2012	2012
12	EU-Euclid Creek	DR	Highland	0	1	1	89.95	10.05	5.25	RSCHUERGER	8/20/2012	2012
13	GA-Red Oak	DR	Garfield Park Blvd	0	1	1	90.1	9.9	1	RSCHUERGER	8/17/2012	2012
14	MSR-S Quarry	LN	Prospect	0	1	1	90.2	9.8	2.8	RSCHUERGER	8/20/2012	2012
15	MSR-Valley	PKWY	Handle	8	9	1	90.6	9.4	6.5	RSCHUERGER	8/20/2012	2012
16	HU-Porter Creek	DR	Lake	0	1	1	90.65	9.35	7.35	RSCHUERGER	8/20/2012	2012
17	BC-Big Creek	PKWY	Whitney	13	14	1	91.1	8.9	4.2	RSCHUERGER	8/17/2012	2012
18	RR-Valley	PKWY	Rockliffe	10.82	11.97	1.15	91.3	8.7	5.9	RSCHUERGER	8/30/2012	2012
19	RR-Valley	PKWY	Cedar Point	2.93	4.96	2.03	91.7	8.3	6.3	RSCHUERGER	8/30/2012	2012
20	RR-Valley	PKWY	Wooster	7.23	8.11	0.88	92	8	4.5	RSCHUERGER	8/30/2012	2012
21	BR-Valley	PKWY	Highland	3	4	1	92.1	7.9	4.9	RSCHUERGER	8/17/2012	2012
22	RR-Hogsback	ST	Rocky River Dr.	0	0.32	0.32	92.3	7.7	4.9	RSCHUERGER	8/30/2012	2012
23	RR-Brookway	RD	Valley Pkwy	0	0.13	0.13	92.3	7.7	4.9	RSCHUERGER	8/30/2012	2012
24	RR-Valley	PKWY	Puritas	6.31	7.23	0.92	92.4	7.6	3	RSCHUERGER	8/30/2012	2012
25	BR-Valley	PKWY	Barr	4	5	1	93	7	1.4	RSCHUERGER	8/17/2012	2012
26	BR-Valley	PKWY	York	9	10	1	93.2	6.8	3.2	RSCHUERGER	8/17/2012	2012
27	SC-Hawthorne	PKWY	SOM Center	1	2	1	93.4	6.6	3.8	RSCHUERGER	8/20/2012	2012
28	MSR-N Quarry	LN	Prospect	0	1	1	93.45	6.55	4.55	RSCHUERGER	8/20/2012	2012
29	BR-Valley	PKWY	Valley Parkway	0	1	1	93.5	6.5	3.5	RSCHUERGER	8/17/2012	2012
30	MSR-Valley	PKWY	Whitney	5	6	1	93.5	6.5	2	RSCHUERGER	8/20/2012	2012
31	RR-Valley	PKWY	Brookway	4.96	6.31	1.35	93.5	6.5	4.5	RSCHUERGER	8/30/2012	2012
32	RR-Valley	PKWY	Falls Ln	0.25	2.93	2.68	93.55	6.45	4.45	RSCHUERGER	8/30/2012	2012
33	BC-Big Creek	PKWY	Bosco	3	4	1	93.6	6.4	2	RSCHUERGER	8/17/2012	2012
34	SC-Hawthorne	PKWY	Cannon	3	4	1	93.7	6.3	3.5	RSCHUERGER	8/20/2012	2012
35	BE-Hawthorn	PKWY	Richmond	0	1	1	94.2	5.8	3	RSCHUERGER	8/17/2012	2012
36	BC-Big Creek	PKWY	Farnum	9	10	1	94.25	5.75	3.75	RSCHUERGER	8/17/2012	2012
37	CZ-Wildlife	WAYS	W25	0	1	1	94.4	5.6	0	RSCHUERGER	8/17/2012	2012
38	MSR-Valley	PKWY	Bagley	0	1	1	94.5	5.5	3.5	RSCHUERGER	8/20/2012	2012
39	MSR-Valley	PKWY	N. Quarry	2	3	1	94.5	5.5	3.5	RSCHUERGER	8/20/2012	2012
40	NC-Buttermilk Falls	PKWY	Butmik Falls Bridge	1.83	2.44	0.61	94.5	5.5	3.5	RSCHUERGER	8/30/2012	2012
41	BR-Valley	PKWY	Broadview	5	6	1	95	5	3	RSCHUERGER	8/17/2012	2012

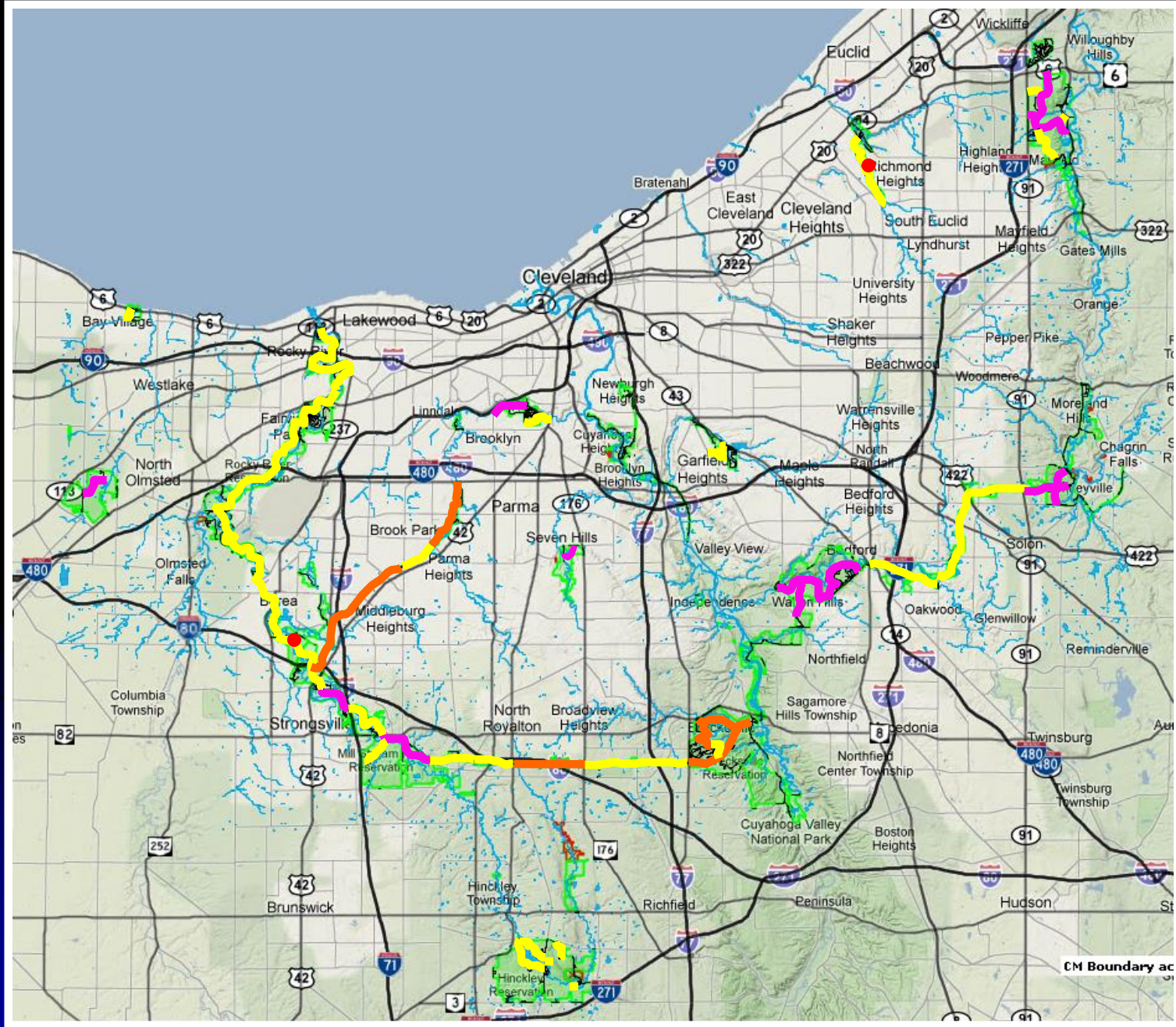
**Red highlighted rows are sections of parkway which will be addressed in 2016**



# 2012 Parkway Rehabilitation Map

## Time of Last Rehabilitation

- █ Within Last 5 Years
- █ 5 to 10 Years
- █ 10 Plus Years



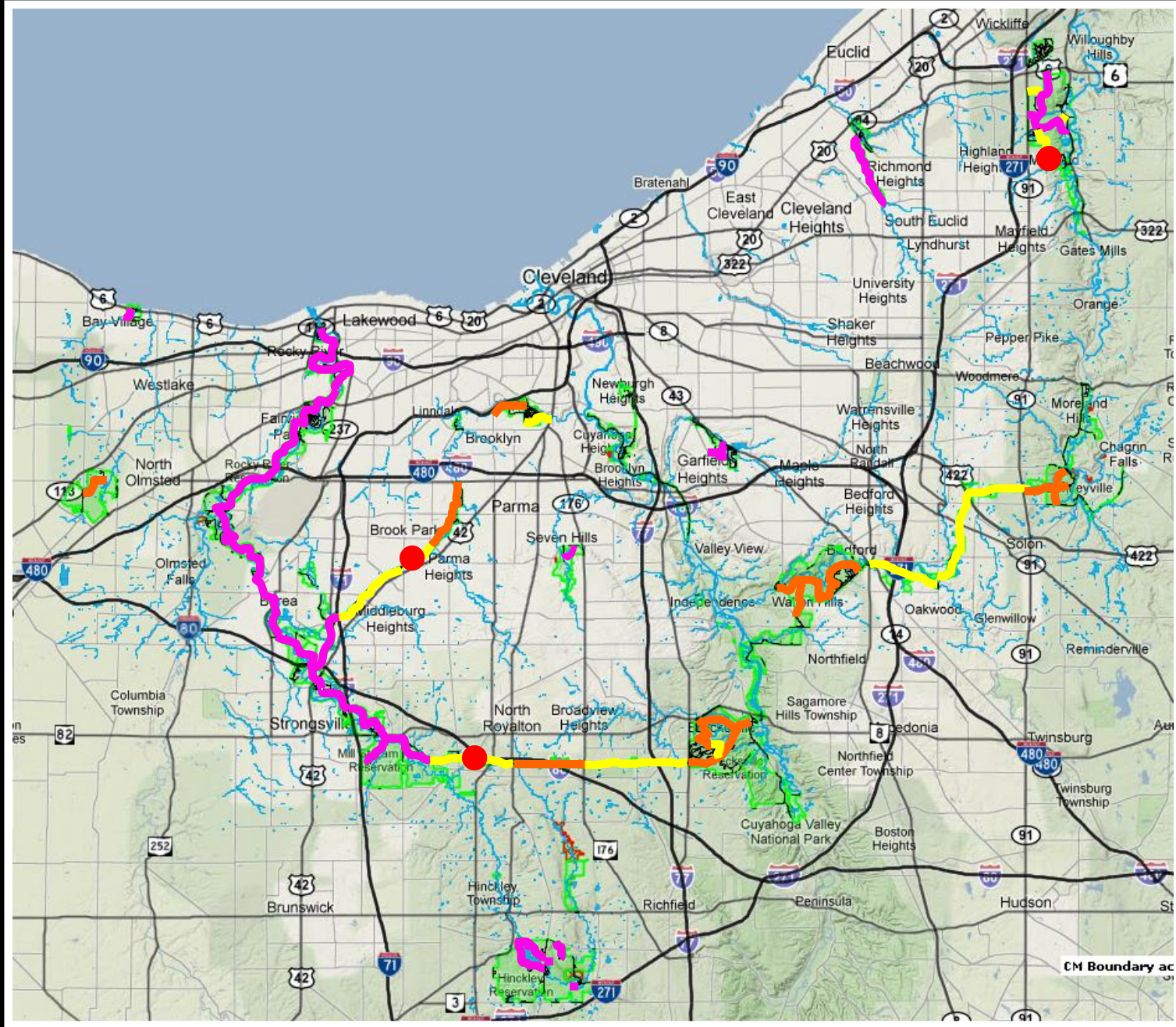
CM Boundary ac



# 2016 Parkway Rehabilitation Map

## Time of Last Rehabilitation

- █ Within Last 5 Years
- █ 6 to 10 Years
- █ 10 Plus Years
- 2016 Rehab Sites



CM Boundary ac