



2020 Chip Seal Surface Treatment Route

CHIP SEAL is a surface treatment in which asphalt emulsion is applied to a pavement and then immediately covered with a single layer of aggregate. Chip seal is used to seal the surface of an existing pavement and improve surface friction. Rollers, street sweeping and traffic flow after a chip seal assists in compacting the aggregate. RCKC continues to monitor the quality of our product and the application rates for both the asphalt emulsion and the aggregate to reduce stone loss. Chip seal treatments remain the most cost-effective preventative maintenance treatment to preserve our infrastructure. **It is common to have some stone loss, aggregate in lawns and tracking after the application is completed and potentially the following year.**

FOG SEAL is a surface treatment in which asphalt emulsion is applied over the chip seal application, typically 1 - 2 weeks following the chip seal application. The fog seal assists in preventing initial deterioration of the surface, reduce crack filling in the future and extend the timeline for future chip seal applications. Not all chip seal surface treatments also include a fog seal application. **Fog seal will cause some user delays based on cure time and weather impacts.**

Anticipated start date is June 1, weather permitting. The RCKC advanced our chip seal program to a higher level by applying the first chip/fog seal treatment at the beginning stages of the HMA surface life (1-2 years after a new HMA surface is place) for our primary network. Performing earlier applications of chip seal will protect and preserve the new HMA surface and prevent the initial deterioration of an HMA surface, which will also extend the timeline for future chip seal applications. Chip seal treatments performed at years 1-2 of age will also reduce the crack fill and HMA wedging costs due to improved surface condition and advanced preventive maintenance. **Typically chip seal operations will not be conducted if there is a chance of rain. Chip seal is a moving operation and therefore specific dates for each area/road will be provided on RCKC Connect and on our Facebook page. Traffic delays should be minimal. For a more information on chip seal, including a video please visit: <http://www.kalamazocountyroads.com/maintenance.php>**

*PLEASE DRIVE SLOWLY
SAFER DRIVING, SAFER WORK ZONES FOR EVERYONE*

<u>ROAD/PLAT DEVELOPMENT</u>	<u>SEGMENT</u>	<u>TOWNSHIP</u>	<u>TREATMENT</u>	<u>STATUS</u>
MN Avenue	26th Street to 28th Street	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
33rd Street	N Avenue to ML Avenue	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
Rosemont Drive, Plaza Place	Rosemont Drive - Plaza Place to M-96 , Plaza Place - 540' west of Rosemont Drive to Rosemont Drive	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
30th Street	K Avenue to East Main Street	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
28th Street	M-96 to East Main Street	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
JK Avenue	26th Street to 28th Street	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
Worden Avenue	K Avenue to JK Avenue	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
HJ Avenue	26th Street to 1,890' east of 26th Street	Comstock	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Jacille Avenue and Oranoco Street	Jacille Avenue - 180' west of Oranoco Street to 26th Street, Oranoco Street - H Avenue to Jacille Avenue	Comstock	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Sumac Avenue, Treetop Drive, Catskill Street, Battenkill Drive, Firefly Street, Cascade Court	Sumac Avenue - Treetop Drive to Battenkill Drive, Treetop Drive - Sumac Avenue to Catskill Street, Catskill Street - Treetop Drive to G Avenue, Battenkill Drive - Treetop Drive to G Avenue, Firefly Street - Battenkill Drive to 160' east of Catskill Street, Cascade Court - Firefly Street to 511' north of Firefly Street	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
Ambling Avenue	37th Street to 1855' east of 37th Street	Charleston	Crack Fill, Chip Seal, Fog Seal	Completed
Climax Drive (partial), Streamside Drive, Sandwood Street	Climax Drive (partial) - 718' west of 38th Street to 38th Street, Streamside Drive - Miller Drive to Climax Drive, Sandwood Street - Miller Drive to Streamside Drive	Charleston	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
L Avenue	40th Street to 44th Street	Charleston	Crack Fill, HMA Wedging, Chip Seal	Completed
34th Street	DE Avenue to M-89	Richland	HMA Wedging, Chip Seal	Completed
BC Avenue	M-43 to West Gull Lake Drive	Richland	Crack Fill, Chip Seal	Completed
30th Street	M-43 to D Avenue	Richland	Crack Fill, HMA Wedging, Chip Seal	Completed
28th Street	M-89 to AB Avenue	Richland	Crack Fill, HMA Wedging Chip Seal	Completed
C Avenue	28th Street to M-89	Richland	Crack Fill, HMA Wedging, Chip Seal	Completed
28th Street	D Avenue to C Avenue	Richland	Crack Fill, HMA Wedging, Chip Seal	Completed
E Avenue	North Sprinkle Road to 28th Street	Richland	Crack Fill, Chip Seal	Completed
F Avenue	North Sprinkle Road to 27th Street	Richland	Crack Fill, Chip Seal	Completed
FG Avenue	24th Street to North Sprinkle Road	Richland	Chip Seal	Completed
Riverview Drive	G Avenue to Mount Olivet Road	Cooper	Chip Seal, Fog Seal (1-2 years)	Completed
D Avenue	17th Street to Riverview Drive	Cooper	Chip Seal, Fog Seal (1-2 years)	Completed
22nd Street	B Avenue to Baseline Road	Cooper	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
AB Avenue	16th Street to 17th Street	Cooper	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
C Avenue	Douglas Avenue to 17th Street	Cooper	Crack Fill, Chip Seal, Fog Seal	Completed
D Avenue	Rolling Meadows Drive to Douglas Avenue	Cooper	Chip Seal, Fog Seal (1-2 years)	Completed
F Avenue	Old Douglas to Westnedge Avenue	Cooper	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Walker Meadows	Walkers Ridge Road - 12th Street to 650' east of Red Rock Trail, Red Rock Trail - Walkers Ridge Road to Rolling Meadows Drive, Eaglehead Avenue - Red Rock Trail to 650' east of Rolling Meadows Drive, Rolling Meadows Drive - Eaglehead Avenue to D Avenue (Walker Meadows)	Cooper	Chip Seal, Fog Seal	Completed
E Avenue	1,840' west of 12th Street to 12th Street	Alamo	Chip Seal, Fog Seal	Completed
Ravine Road	North County Line to C Avenue	Alamo	Crack Fill, Chip Seal, Fog Seal	Completed

<u>ROAD/PLAT DEVELOPMENT</u>	<u>SEGMENT</u>	<u>TOWNSHIP</u>	<u>TREATMENT</u>	<u>STATUS</u>
Stoney Woods Drive	Ravine Road to 2,278' east of Ravine Road	Alamo	Crack Fill, Chip Seal, Fog Seal	Completed
1st Street	North County Line to AB Avenue	Alamo	Crack Fill, Chip Seal, Fog Seal	Completed
F Avenue	9th Street to Ravine Road	Alamo	Crack Fill, Chip Seal, Fog Seal	Completed
F Avenue	8th Street to 9th Street	Alamo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Hart Drive	F Avenue to Owen Drive	Alamo	Chip Seal, Fog Seal	Completed
Hart Drive	Owen Drive to 6th Street	Alamo	Chip Seal, Fog Seal	Completed
DE Avenue	3,680' west of 6th Street to 6th Street	Alamo	Crack Fill, Chip Seal, Fog Seal	Completed
DE Avenue	2nd Street to 6,920' east of 2nd Street	Alamo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
6th Street	F Avenue to D Avenue	Alamo	HMA Wedging, Chip Seal, Fog Seal	Completed
F Avenue	Far Hills Way to 6th Street	Alamo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Far Hills Way	F Avenue to 1,240' North of F Avenue	Alamo	Crack Fill, Chip Seal, Fog Seal	Completed
3rd Street	G Avenue to F Avenue	Alamo	Crack Fill, Chip Seal, Fog Seal	Completed
H Avenue	3rd Street to 6th Street	Oshtemo	Chip Seal, Fog Seal (1-2 years)	Completed
3rd Street	Big Rock Drive to G Avenue	Oshtemo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
5th Street	M43 to H Avenue	Oshtemo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Big Rock Drive	M43 to M43	Oshtemo	HMA Wedging, Chip Seal, Fog Seal	Completed
Nature Way	540' West of 4th Street to 4th Street	Oshtemo	Crack Fill, Chip Seal, Fog Seal	Completed
L Avenue	VanKal Street to 4th Street	Oshtemo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Oshtemo Trace	Oshtemo Trace - 920' south of Upper Valley Trail to KL Avenue, Upper Valley Trail - Oshtemo Trace to 213' east of Oshtemo Trace, Oshtemo Court - 285' west of Oshtemo Trace to Oshtemo Trace	Oshtemo	Crack Fill, Chip Seal, Fog Seal	Completed
Haven Way	553' South of Almena Drive to Almena Drive	Oshtemo	Crack Fill, Chip Seal, Fog Seal	Completed
Pondview Drive	Pondview Drive - 407' west of Ponds Edge Circle to M Avenue, Pond's Edge Circle - 138' south of Pondview Drive to Pondview Drive	Oshtemo	Crack Fill, Chip Seal, Fog Seal	Completed
M Avenue	VanKal Street to 4th Street	Oshtemo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
6th Street	Stadium Drive to ML Avenue	Oshtemo	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Carver Drive	Carver Drive - N Avenue to 2,100' north of N Avenue, Wilson Drive - 450' west of Carver Drive to Carver Drive	Oshtemo	Crack Fill, Chip Seal, Fog Seal	Completed
11th Street	W Michigan Avenue to KL Avenue	Oshtemo	Crack Fill, Chip Seal	Completed
11th Street	Parkview Drive to Stadium Drive	Oshtemo	Crack Fill, Chip Seal, Fog Seal	Completed
Crystal Lane	Parkview Avenue to 11th Street	Oshtemo	Chip Seal, Fog Seal (1-2 years)	Completed
Holiday Lane	11th Street to 610' east of 11th Street	Oshtemo	Crack Fill, Chip Seal, Fog Seal	Completed
12th Street	3,350' South of Parkview to ON Avenue	Oshtemo/Texas	Chip Seal, Fog Seal (1-2 years)	Completed
Misty Creek	Misty Creek Drive - Willowbend Trail to 12th Street, Willowbend Trail - 304' west of Fountain Square Drive to Misty Creek Drive, Cranberry Court - 187' north of Willowbend Trail to Willowbend Trail, Willowbend Way - 184' north of Willowbend Trail to Willowbend Trail	Texas	Crack Fill, Chip Seal, Fog Seal	Completed
Briarcliff Lane	O Avenue to 1,172' north of O Avenue	Texas	Crack Fill, Chip Seal, Fog Seal	Completed
Montezuma Plat	Montezuma - 4th Street to Shoshone Street, Shoshone Street - Montezuma Avenue to El Dorado Avenue, El Dorado Avenue - Shoshone Street to Denali Street, Himalayas Avenue - El Dorado Avenue to Denali Street, Denali Street - Himalayas Avenue to Andes Avenue, Andes Avenue - Denali Street to Rocky Mountain Street, Rocky Mountain Street - 316' south of Andes Avenue to 370' north of Maricopa Trail, Maricopa Trail - 4th Street to Rocky Mountain Street	Texas	Crack Fill, Chip Seal, Fog Seal	Completed
O Avenue	2,820' west of 1st Street to 1,400' east of 4th Street	Texas	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
P Avenue	2,942' west of 1st Street to 3rd Street	Texas	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
8th Street	Q Avenue to O Avenue	Texas	Chip Seal, Fog Seal (1-2 years)	Completed
Texas Drive	1,000 East of 8th Street to 12th Street	Texas	Chip Seal, Fog Seal (1-2 years)	Completed

<u>ROAD/PLAT DEVELOPMENT</u>	<u>SEGMENT</u>	<u>TOWNSHIP</u>	<u>TREATMENT</u>	<u>STATUS</u>
Clydesdale Avenue	Percheron Street to Belgian Avenue	Texas	Crack Fill, Chip Seal, Fog Seal	Completed
Paw Paw Heights Dr (2nd)	Paw Paw Heights Drive - 2nd Street to Beach Bay Drive, Rainbow Ridge - Paw Paw Heights Drive to 770' east of Paw Paw Heights Drive, Beach Bay Drive - Paw Paw Heights Drive to 673' east of Paw Paw Heights	Prairie Ronde	Chip Seal, Fog Seal (1-2 years)	Completed
2nd Street	U Avenue to TU Avenue	Prairie Ronde	Crack Fill, HMA Wedging, Chip Seal	Completed
V Avenue	Van Kal Street to 2nd Street	Prairie Ronde	Crack Fill, Chip Seal	Completed
Texas Heights (Boyne Street)	Charlevoix Street to Q Avenue, Charlevoix Street - Northport Avenue to Texas Heights Avenue,	Texas	Crack Fill, Chip Seal, Fog Seal	Completed
Alidor Street	203' south of Phiant Avenue to R Avenue, Phiant Avenue - 913' west of Alidor Street to Alidor Street	Texas	Chip Seal, Fog Seal	Completed
Sugar Island	Sugar Island Drive - Shaver Road to Higley Circle West , Higley Circle West - Higley Circle East, Higley Circle East - Sugar Island Drive to Higley Circle West	Schoolcraft	Crack Fill, Chip Seal, Fog Seal	Completed
Starlet Street	Starlet Street - South Hill Avenue to Crimora Drive, Blue Ridge Drive - South Hill Avenue to Crimora Drive, Blackstone Avenue - Heron Street to Blue Ridge Drive	Schoolcraft	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
YZ Avenue	85' west of 6th Street to 7th Street	Prairie Ronde	Crack Fill, HMA Wedging, Chip Seal	Completed
W Avenue	Portage Road to 7,125' east of Portage Road	Schoolcraft	Chip Seal, Fog Seal (1-2 years)	Completed
X Avenue	22nd Street to 24th Street	Schoolcraft	Chip Seal, Fog Seal	Completed
22nd Street	22nd Street - Y Avenue to XY Avenue , XY Avenue - 22nd Street to 22nd Street , 22nd Street - XY Avenue to X Avenue	Schoolcraft	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
21st Street	Z Avenue to Y Avenue	Schoolcraft	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Z Avenue	21st Street to 24th Street	Schoolcraft	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
9th Street	M-43 to 870' North of M-43	Oshtemo	Chip Seal, Fog Seal (1-2 years)	Completed
Mosel Avenue	Westnedge Avenue to Riverview Drive	Kalamazoo	Chip Seal, Fog Seal	Completed
Q Avenue	44th Street to 46th Street	Climax	Crack Fill, HMA Wedging, Chip Seal	Completed
45th Street	Q Avenue to P Avenue	Climax	Crack Fill, HMA Wedging, Chip Seal	Completed
P Avenue	44th Street to 45th Street	Climax	Crack Fill, HMA Wedging, Chip Seal	Completed
OP Avenue	42nd Street to 44th Street	Climax	Crack Fill, HMA Wedging, Chip Seal	Completed
Q Avenue	40th Street to 43rd Street	Climax	Crack Fill, HMA Wedging, Chip Seal	Completed
39th Street	S Avenue to R Avenue	Climax	Crack Fill, HMA Wedging, Chip Seal	Completed
33rd Street	R Avenue to Q Avenue	Pavilion	Chip Seal	Completed
O Avenue, 28th Street, ON Avenue	O Avenue - 2,690' West of 25th Street to 28th Street, 28th Street - O Avenue to ON Avenue. ON P Avenue to O Avenue	Pavilion	Crack Fill, HMA Wedging, Chip Seal	Completed
25th Street	Q Avenue to P Avenue	Pavilion	HMA Wedging, Chip Seal	Completed
25th Street	Q Avenue to P Avenue	Pavilion	HMA Wedging, Chip Seal	Completed
RS Avenue	25th Street to 28th Street	Pavilion	Crack Fill, HMA Wedging, Chip Seal	Completed
Prairie Ronde Road	Prairie Ronde Road - Deer Run Road to 467' North of Woodbrook Street, Woodbrook Street - Prairie Round Road to 11th Street, Angus Avenue - Woodbrook Street to Deer Run Road, Silo Street - Angus Avenue to Deer Run Road, Deer Run Road - Prairie Ronde Road to Angus Avenue, Prairie Ronde Road - YZ Avenue to Deer Run Road	Prairie Ronde	Crack Fill, HMA Wedging, Chip Seal, Fog Seal	Completed
Green Prairie Street	1,334' South of VW Avenue to VW Avenue	Schoolcraft	Crack Fill, Chip Seal, Fog Seal	Completed

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26th Street	UV Avenue To TU Avenue	Brady	Crack Fill, Chip Seal, fog seal	Completed
V Avenue	Sprinkle Road to 600' East of Sprinkle Road	Brady	Chip Seal, Fog Seal (1-2 years)	Completed
V Avenue	32nd Street to 34th Street	Brady	Crack Fill, HMA Wedging, Chip Seal, fog seal	Completed
34th Street	V Avenue to UV Avenue	Brady	Crack Fill, HMA Wedging, Chip Seal, fog seal	Completed
26th Street	S Avenue to RS Avenue	Pavilion	Crack Fill, Chip Seal	Completed
ON Avenue	42nd Street to 2,700' east of 42nd Street	Climax	Chip Seal, Fog Seal (1-2 years)	Completed
T Avenue	26th Street to 27th Street	Pavilion	Crack Fill, HMA Wedging, Chip Seal	Completed
T Avenue/29th Street	S Avenue to 27th Street	Pavilion	Crack Fill, Chip Seal, Fog Seal	Completed
TS Avenue	29th Street to 685' east of East Indian Lake Road	Pavilion	Crack Fill, HMA Wedging, Chip Seal,	Completed
36th Street	PQ Avenue to MN Avenue	Charleston/Climax	Chip Seal, Fog Seal (1-2 years)	Completed
35th Street	ML Avenue to M-96	Comstock	Chip Seal, Fog Seal (1-2 years)	Completed
Sprinkle Road	600' South of Lake Street to 600' North of Lake Street	Comstock	Chip Seal, Fog Seal (1-2 years)	Completed
Olmstead Road	I-94 BL to Lake Street	Kalamazoo	Crack Fill, Chip Seal, Fog Seal	Completed
Henning Street, Packard Street	Henning Street - M-96 to Packard Street, Packard Street - M-96 to East Michigan Avenue	Comstock	Crack Fill, Chip Seal, Fog Seal	Completed
8th Street	U Avenue to R Avenue	Texas	Crack Fill, Chip Seal, Fog Seal	Completed
EF Avenue	5,122' West of 2nd Street to 2nd Street	Alamo	Gravel, Pulverize, Double Chip Seal, Fog Seal	Completed
F Avenue	3rd Street to Far Hills Way	Alamo	Gravel, Pulverize, Double Chip Seal, Fog Seal	Completed
C Avenue	2,120' West of 12th Street to 12th Street	Alamo	HMA Wedging, Chip Seal, Fog Seal	Completed
G Avenue	2nd Street to 6th Street	Alamo	Chip Seal, Fog Seal	