



RCKC CONNECT
RCKC ALWAYS SEEN & KNOWN

2019 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 May 14th, 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 in our weekly RCKC press release and on RCKC Connect. Traffic delays should be minimal. For a more information on chip seal, including a video please visit: <http://www.kalamazooountyroads.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	29th Street to 31st Street	Comstock	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
31st Street	N Avenue to ML Avenue	Comstock	Chip Seal/Fog Seal	
Park Circle Drive	Sprinkle Road to Cork Street	Comstock	Chip Seal/Fog Seal	
Cork Street	Park Circle Drive to 26th Street	Comstock	Chip Seal/Fog Seal	
Stalwart Street	L Avenue to Market Street	Comstock	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
L Avenue	River Street to Stalwart Street	Comstock	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Market Street	River Street to Stalwart Street	Comstock	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
River Street	ML Avenue to E Michigan Avenue	Comstock	Chip Seal/Fog Seal	
Lake Street	Olmstead Road to S Sprinkle Road	Kalamazoo	Chip Seal/Fog Seal	
E. Michigan Avenue	N. Sprinkle Road to M-96	Comstock	Crack Fill/Chip Seal/Fog Seal	
Brookview Street	Brookview Street - Procter Avenue to East Michigan Avenue, Shirley Drive - Procter Avenue to East Michigan Avenue, Ermine Avenue - Procter Avenue to East Michigan Avenue, Procter Avenue - Brookview Street to 265' east of Ermine Avenue, Grange Avenue - Shirley Drive to 265' east of Ermine Avenue, Copeland Avenue - Shirley Drive to Ermine Avenue (Brookside Park)	Comstock	Crack Fill/Chip Seal/Fog Seal	
Seemore Avenue	Seemore Avenue – Humphrey Street to 750' north of Humphrey Street, Nassau Street – East Main Street to Gertrude Street, Lakewood Drive – M-43 to 264' north of M-43, Heather Lane - 213' south of M-43 to M-43 (Bixby, Long Meadow, Spring Meadow, King Realty, Jeffery Park)	Kalamazoo	Crack Fill/Chip Seal/Fog Seal	
Junction Avenue	Junction Avenue – Bixby Road to Elkerton Avenue, Trimble Avenue – Junction Avenue to M-43, Henson Avenue – 526' south of Junction Avenue to M-43, Henson Avenue – M-43 to 1,147' north of M-43, Lakeview Avenue – Henson Avenue to 232' east of Henson Avenue, Colgrove Avenue – 703' south of Junction Avenue to M-43 (Bixby Plat, Elkerton Addition, Assessor's Plat of Gull Heights)	Kalamazoo	Crack Fill/Chip Seal/Fog Seal	
Coy Avenue (Eastwood Heights)	Coy Avenue – Washburn Avenue to Arthur Avenue, Kenilworth Avenue – TWP westerly line to Nazareth Road, Ira Avenue – Coy Avenue to East Main Street, Lum Avenue – Coy Avenue to East Main Street, Cooper Avenue – Dearborn Avenue to East Main Street, Washburn Avenue – Coy Avenue to East Main Street, Gayle Avenue - Coy Avenue to East Main Street (Eastwood Heights, Vosler's Addition, Sherwood Plat, Plat of Shield's Addition, Vosler's Annex, Washburn Plat and East Highland Park)	Kalamazoo	Crack Fill/Chip Seal/Fog Seal	
Nazareth Road	1478' south of East Main Street to M-43	Kalamazoo	Chip Seal/Fog Seal	
Borgess Drive	Borgess Drive – Nazareth Road to TWP easterly line, Edna Boulevard – Mulhearn Avenue to Nazareth Road, Mulhearn Avenue – Baker Drive to Nazareth Road, Miami Avenue – Baker Drive to Nazareth Road, Tampa Street – Baker Drive to Nazareth Road (Dwillard & Schram Plat)	Kalamazoo	Crack Fill/Chip Seal/Fog Seal	
E. Main Street	Sprinkle Road to 33rd Street	Comstock	HMA Wedging/Chip Seal/Fog Seal	
30th Street	East Main Street to H Avenue	Comstock	Crack Fill/Chip Seal/Fog Seal	
H Avenue	26th Street to 33rd Street	Comstock	Crack Fill/Chip Seal/Fog Seal	
28th Street	H Avenue to G Avenue	Comstock	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	

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39th Street	G Avenue to FG Avenue	Ross	Crack Fill/Chip Seal	
31st Street	G Avenue to EF Avenue	Richland	Crack Fill/HMA Wedging/Chip Seal	
EF Avenue	M-43 to 32nd Street	Richland	Crack Fill/HMA Wedging/Chip Seal	
DE Avenue	Village or Richland east limit to 35th Street	Richland	Crack Fill/HMA Wedging/Chip Seal	
C Avenue	32nd Street to 35th Street	Richland	Crack Fill/HMA Wedging/Chip Seal	
32nd Street	M-43 to North County Line	Richland	Crack Fill/Chip Seal/Fog Seal	
DE Avenue	N. Sprinkle Road to 26th Street	Richland	Crack Fill/Chip Seal/Fog Seal	
B Avenue	Riverview Drive to 24th Street	Cooper	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Springbrook Drive	2,904' west of Riverview Drive to Riverview Drive	Cooper	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
24th Street	G Avenue to 6624' north of G Avenue	Cooper/Richland	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Wolverine Avenue	Wolverine Avenue - Mt. Olivet Road to Mountain Ridge Street, Arctic Avenue - Mountain Ridge Street to North Peak Street, Nordic Avenue - Mountain Ridge Street to North Peak Street, Tahoe Avenue - Mountain Ridge Street to North Peak Street, North Peak Street - G Avenue to 180' north of Arctic Avenue (North Peak)	Cooper	Crack Fill/Chip Seal/Fog Seal	
Solvei Street and Polaris Street	Solvei Street - Thayer Avenue to Polaris Street, Polaris Street - Solvei Street to Hillisight Street	Cooper	Crack Fill/Chip Seal/Fog Seal	
N. Westnedge Avenue	G Avenue to D Avenue	Cooper	Crack Fill/Chip Seal/Fog Seal	
Douglas Avenue	Kalamazoo City Limit to B Avenue	Cooper	Crack Fill/Chip Seal/Fog Seal	
Lanfair Avenue	Lanfair Avenue-Douglas Avenue to Woodlure Drive, Woodlure Drive-Douglas Avenue to Lanfair Avenue, Lonsdale Road-Woodlure Drive to Lanfair Avenue (Northcrest Plat)	Cooper	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
D Avenue	500' west of Douglas Avenue to 17th Street	Cooper	Chip Seal/Fog Seal	
10th Street	B Avenue to County Line	Alamo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Owen Drive	Ravine Road to B Avenue	Alamo	Chip Seal/Fog Seal	
D Avenue	6th Street to Ravine Road	Alamo	HMA Wedging/Chip Seal/Fog Seal	

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Owen Drive	Hart Drive to Ravine Road	Alamo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
E Avenue	Ravine Road to 1,280' East of Ravine Road	Alamo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Ravine Road	12th Street to D Avenue	Alamo	Crack Fill/Chip Seal/Fog Seal	
Seminole Street	Seminole Street – Croyden Avenue to Grand Prairie Road, Cherokee Street – M-43 to Alamo Avenue, Mohawk Street – Olney Road to 440' north of Iroquois Trail, Gorham Lane – M-43 to Devonshire Avenue, Turwill Lane – M-43 to Ottawa Avenue, Pontiac Avenue - TWP westerly line to 660' east of Seminole Street, Ottawa Avenue - TWP westerly line to 660' east of Seminole Street, Alamo Avenue – Turwill Lane to Cherokee Street, Iroquois Trail – Turwill Lane to Nichols Road, Huron Avenue – Turwill Lane to Nichols Road, Marlane Avenue – Cherokee Street to Nichols Road, Croyden Avenue – TWP westerly line to Nichols Road, Cranbrook Avenue - Cherokee Street to Croyden Avenue, Devonshire Avenue – TWP westerly line to Nichols Road, Canterbury Avenue – TWP westerly line to Nichols Road, Grace Road – Gorham Lane to Nichols Road (Indian Village Subdivision)	Kalamazoo	Crack Fill/Chip Seal/Fog Seal	
Rockwood Drive	Rockwood Drive – Winding Way to Meadowcroft Avenue, Thornhill Avenue - Stonegate Road to Nichols Road, Meadowcroft Avenue - Rockwood Drive to Nichols Road, Runnymede Drive – Rockwood Drive to Stonegate Road, Northview Drive – Rockwood Drive to Nichols Road, Glengarry Avenue - Stonegate Road to Nichols Road, Beverton Street - Glengarry Avenue to TWP northerly line, Glengarry Avenue – Beverton Street to Havenbrook Street, Coventry Avenue – Beverton Street to 208' east of Bevertonn Street, Stonegate Road – Northview Drive to Glengarry Avenue, Havenbrook Street - Glengarry Avenue to 185' north of Glengarry Avenue, Stonegate Road - 450' south of Thornhill Avenue to Northview Drive, Laurelhill - 310' south of Thornhill Avenue to Thornhill Avenue, Winding Way - 1,892' west of Rockwood Drive to 949' east of Rockwood Drive (Northview Subdivision)	Kalamazoo	Crack Fill/Chip Seal/Fog Seal	
10th Street	H Avenue to G Avenue	Oshtemo	HMA Wedging/Chip Seal/Fog Seal	
G Avenue	6th Street to 10th Street (UPDATED)	Alamo	HMA Wedging/Chip Seal/Fog Seal	
8th/GH Ave/9th	8th Street - GH Avenue to G Avenue, GH Avenue - 8th Street to 9th Street, 9th Street - H Avenue to GH Avenue	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
6th Street	M-43 to H Avenue	Alamo/Oshtemo	Chip Seal/Fog Seal	
2nd Street	M-43 to AB Avenue	Alamo/Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Wolf Drive	Van Kal Avenue to G Avenue	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
H Avenue	Van Kal Avenue to 2nd Street	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
H Avenue	2nd Street to 3rd Street	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Rosemary Lane	Rosemary Lane (Lisa Drive to 2nd Street), Lisa Drive (164' West of Rosemary Lane to Rosemary Lane), Josiane Drive (1,157' South of Rosemary Lane to Rosemary Lane)	Oshtemo	Crack Fill/Chip Seal/Fog Seal	
Chadds Ford Way	981' South of M-43 to M-43	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
1st Street	Almena Drive to M-43	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Almena Drive	at KL Avenue /1st Street	Oshtemo	Chip Seal/Fog Seal	
VanKal Avenue	Stadium Drive to Almena Drive	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
4th Street	Stadium Drive to M-43	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
ML Avenue	4th Street to 6th Street	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
ML Avenue	6th Street to 8th Street	Oshtemo	Crack Fill/Chip Seal/Fog Seal	
KL Avenue	4th Street to 9th Street	Oshtemo	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
KL Avenue	9th Street to 11th Street	Oshtemo	Chip Seal/Fog Seal	
KL Avenue	11th Street to Drake Road	Oshtemo	Chip Seal/Fog Seal	
W. Michigan Avenue	Stadium Drive to Drake Road Venture Park - Stadium Drive to W Michigan Avenue	Oshtemo	Chip Seal/Fog Seal	
Vienna Street	Parkview Avenue to 787' North of Parkview Avenue	Oshtemo	Crack Fill/Chip Seal/Fog Seal	
Plainview Street	958" South of Stadium Drive to Stadium Drive	Oshtemo	Crack Fill/Chip Seal/Fog Seal	
11th Street	Stadium Drive to W Michigan Avenue	Oshtemo	Chip Seal/Fog Seal	
Stadium Drive	6th Street to 8th Street	Oshtemo	Chip Seal/Fog Seal	
N Avenue	6th Street to 9th Street	Oshtemo	Chip Seal/Fog Seal	
9th Street	Cracker Barrel Drive to Financial Parkway	Texas	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
12th Street	Texas Drive to ON Avenue	Oshtemo/Texas	Chip Seal/Fog Seal	

<u>ROAD/PLAT DEVELOPMENT</u>	<u>SEGMENT</u>	<u>TOWNSHIP</u>	<u>TREATMENT</u>	<u>STATUS</u>
12th Street	Q Avenue to Texas Drive	Texas	Chip Seal/Fog Seal	
Stoney Brook Road	Stoney Brook Road - 10th Street to Breaburn Court, Saddle Club Drive - Dunwoody Court to 450' East of Shepherds Glen Road, Doubletree Court - 605' South of Saddle Club Drive to Saddle Club Drive, Summerhill Court - 588' South of Saddle Club Drive to Saddle Club Drive, Deerpath Road - Q Avenue to Saddle Club Drive, Four Seasons Drive - Saddle Club Drive to Bent Tree Road, Shepherds Glen Road - Saddle Club Drive to Shepherds Glen Court, Shepherds Glen Court - 276' North of Shepherds Glen Road to 686' East of Shepherds Glen Road, Bent Tree Road - Q Avenue to Shepherds Glen Road, Huntwick Road - Bent Tree Road to Shepherds Glen Road, Burning Tree Road - Stoney Brook Road to 867' South of Stoney Brook Road, Hunters Ridge Drive - Burning Tree Road to Heathrow Avenue, Farmington Avenue - Stoney Brook Road to Heathrow Avenue, Heathrow Avenue - Farmington Avenue to 12th Street, Gatwick Court - Heathrow Avenue to 855' North of Heathrow Avenue, Orly Court - Heathrow Avenue to 450' North of Heathrow Avenue	Texas	Chip Seal/Fog Seal	
Chadeau Avenue	Chadeau Avenue - Norcross Street to 10th Street, Norcross Street - 308' South of Keith Court to Chadeau Avenue, Keith Court - Norcross Street to 400' East of Norcross Street, Omega Street - Chadeau Avenue to 169' North of Chadeau Avenue	Texas	Chip Seal/Fog Seal	
Hidden Cove Place	3,009' West of 8th Street to 8th Street	Texas	Chip Seal/Fog Seal	
Colony Woods Drive	Colony Woods Drive - Q Avenue to 952' East of Oak Hills Drive, Oak Hill Drive - Colony Woods Drive to Q Avenue	Texas	Crack Fill/Chip Seal/Fog Seal	
OP Avenue	3rd Street to 6th Street	Texas	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
3rd Street	P Avenue to OP Avenue	Texas	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
Eagle Terrace	PQ Avenue to 707' north of PQ Avenue	Texas	Chip Seal/Fog Seal	
Eagle Heights Drive	PQ Avenue to 1,590' North of PQ Avenue	Texas	Chip Seal/Fog Seal	
10th Street	U Avenue to 5280' North of U Avenue	Prairie Ronde	Chip Seal	
VW Avenue	8th Street to 12th Street	Prairie Ronde	Chip Seal	
W Avenue	4th Street to Schoolcraft Village Limit	Prairie Ronde	Crack Fill/HMA Wedging/Chip Seal/Fog Seal	
XY Avenue	Van Kal Street to 1st Street	Prairie Ronde	Crack Fill/HMA Wedging/Chip Seal	
XY Avenue	1st Street to 2nd Street	Prairie Ronde	Crack Fill/Chip Seal	
XY Avenue	2nd Street to 3rd Street	Prairie Ronde	Crack Fill/HMA Wedging/Chip Seal	
XY Avenue	3rd Street to 4th Street	Prairie Ronde	Crack Fill/HMA Wedging/Chip Seal	
XY Avenue	4th Street to 6th Street	Prairie Ronde	Crack Fill/HMA Wedging/Chip Seal	
XY Avenue	6th Street to 8th Street	Prairie Ronde	Crack Fill/HMA Wedging/Chip Seal	
YZ Avenue	15th Street to 16th Street	Schoolcraft	Crack Fill/Chip Seal	
14th Street	YZ Avenue to XY Avenue	Schoolcraft	HMA Wedging/Chip Seal	
14th Street	XY Avenue to Village Limits	Schoolcraft	Crack Fill/HMA Wedging/Chip Seal	
W Avenue	1000' east of 16th Street to 2600' east of 16th Street to 1500'; east of 14th Street and 14th Street to 1500' east of 14th Street	Schoolcraft	Chip Seal/Fog Seal	
14th Street	VW Avenue to U Avenue	Schoolcraft	Chip Seal	
16th Street	W Avenue to VW Avenue	Schoolcraft	Chip Seal	
X Avenue	Portage Road to Barton Lake Drive West	Schoolcraft	Crack Fill.HMA Wedging/Chips Seal/Fog Seal	
22nd Street	Village Limits to U Avenue	Schoolcraft	Crack Fill/HMA Wedging/Chip Seal	
V Avenue/24th Street	Vicksburg Village Limit to Sprinkle Road	Brady	Chip Seal/Fog Seal	
S Sprinkle Road	V Avenue to S Avenue	Brady	Chip Seal/Fog Seal	
V Avenue	34th Street to 36th Street	Brady	HMA Wedging/Chip Seal	
38th Street	Z Avenue to W Avenue	Wakeshma	Crack Fill/Chip Seal/Fog Seal	
42nd Street	Z Avenue to Y Avenue	Wakeshma	Chip Seal/Fog Seal	
42nd Street /43rd Street	W Avenue to R Avenue	Climax/Wakeshma	Crack Fill/Chip Seal/Fog Seal	
S Avenue	43rd Street to 47th Street	Climax	Crack Fill/HMA Wedging/Chip Seal	
39th Street	T Avenue to S Avenue	Climax	Crack Fill/HMA Wedging/Chip Seal	
36th Street	T Avenue to S Avenue	Climax	Chip Seal/Fog Seal	
QR Avenue	Woodin Street to 38th Street	Climax	Crack Fill/HMA Wedging/Chip Seal	
33rd Street	R Avenue to Q Avenue	Pavilion	Crack Fill/HMA Wedging/Chip Seal	
T Avenue	26th Street to 27th Street	Pavilion	Crack Fill/HMA Wedging/Chip Seal	Hold
25th Street	R Avenue to QR Avenue	Pavilion	Chip Seal/Fog Seal	
25th Street	Q Avenue to P Avenue	Pavilion	Crack Fill/HMA Wedging/Chip Seal	
29th Street	S Avenue to N Avenue	Pavilion	Chip Seal/Fog Seal	

ROAD/PLAT DEVELOPMENT

SEGMENT

TOWNSHIP

TREATMENT

STATUS

31st Street

O Avenue to N Avenue

Pavilion

Crack Fill/HMA Wedging/Chip Seal