



MEMORANDUM
STAFF REPORT ON USING FOG SEAL TREATMENT ON TAR AND CHIP RUSTIC
ROADS

INTRODUCTION

What is fog seal? Fog sealing is a maintenance technique that involves applying a light layer of asphalt emulsion to enhance the performance of chip sealing (tar and chip).

The Division of Public Works (DPW) is seeking the input of the Rustic Roads Commission to use a fog seal treatment on Frederick County's tar and chip Rustic Roads. DPW's Pavement Management Program (PMP) has been using this treatment since 2021 on roadways that are candidates for Rustic Roads and roadways that have been removed for consideration.

DPW and PMP staff have evaluated the cost efficiency, advantages, and disadvantages and determined that fog seal is an approved treatment on all Frederick County tar and chip roadways.

COST EFFICIENCY ANALYSIS

In a recent PowerPoint presentation to this commission, staff demonstrated the cost of a tar and chip treatment on a roadway one mile in length (5280') and 16 feet wide using current contract pricing. The cost for this treatment including tar and stone chips for a single layer is \$23,804.77. The fog seal cost for this example is \$5,553.15.

The life-span cycle of a tar and chip wearing course is 3 to 5 years depending on traffic (vehicular and heavy equipment use such as farm equipment), seasonal weather events, and exposure to sunlight or lack thereof. Staff have determined that a fog seal treatment could extend the lifespan of the tar and chip wearing course by 1 to 3 years depending on the same conditions noted above.

For the cost analysis example, staff will use a tar and chip wearing course treatment with a life-span of 4 years, a tar and chip treatment adding fog seal for a life span of 6 years (4 years for the tar and chip + 2 years for the fog seal), the cost data noted above, and a twelve year period of time that the roadway is being treated.

Using tar and chip treatments only over this twelve-year period, the roadway would be serviced three times or $\$23,804.77 \times 3 = \$71,414.31$.

Over the same period of twelve years, the roadway would be serviced twice with tar and chip and fog seal. One treatment would cost $\$23,804.77$ (cost of tar and chip) + $\$5,553.15$ (cost of fog seal) = $\$29,357.92$. This treatment would be applied twice, and the total cost would be

$\$29,357.92 \times 2 = \$58,715.84$. Total savings using fog seal are $\$71,414.31 - \$58,715.84 = \$12,698.47$.

Over a twelve-year cycle of each treatment, using fog seal will decrease the frequency of roadway treatments and provide cost savings to the taxpayers of Frederick County.

ADVANTAGES

Fog sealing tar and chip roadways has many advantages over tar and chip alone. It enhances sealing the road surface and waterproofing the roadway. Water that penetrates roadway surfaces leads to cracking and eventually subgrade saturation.

Fog seals also prevent stone migration. When applied to chip seals it will hold the stone in place and provide a cleaner surface. This will control dust and enhance the appearance of the surface. The thin layer of asphalt emulsion retains more stone over time and keeps the roadway from losing its rougher surface texture. The initial appearance is darker (as shown in Figure 1.1) but over a longer period compared to no fog seal, it fades and reveals the grayish appearance of a tar and chip (see Figures 2.1, 2.2, 3.1, 3.2, and 3.3 below).

Fog seals are also cost efficient as described in the cost efficiency analysis. Less maintenance cycles provide savings over time and reduce the annoyance of construction activities being performed more frequently.

DISADVANTAGES

Fog seals can release Volatile Organic Compounds (VOCs) into the air during application. Once set and cured the environmental threat of the VOCs is reduced but may linger over time as the fog seal weathers.

Like most construction materials, the materials to create fog seals may not be sourced sustainably raising concerns about environmental impact.

Although fog seal does help retain stone chips, it will not completely prevent the issue of chips being displaced over time.

CONCLUSION

Fog seal is a cost-effective maintenance treatment that benefits the lifespan of a tar and chip treatment. Maintenance is less frequent, which saves on cost and benefits the residents that utilize the roadways in a vehicle, on a bike, or walking. Less maintenance also benefits the

residents that reside along the roadways, reducing the inconvenience and disruption that construction activities create.

Fog seal prevents stone chip migration which makes the roads safer, reduces dust, protects migration of stone into neighboring streams and residences, prevents stones from clogging drainage culverts, and protects the rougher texture of the tar and chip roadway.

Asphalt materials, and most construction materials, have environmental concerns. The methods which they are sourced use equipment which pollutes the air, and the processes utilized to convert the raw materials have environmental impacts. Over the past few decades these impacts have been recognized and drastically reduced.

DPW has recognized fog seals as an effective maintenance technique that benefits the life cycle of Frederick County's tar and chip roadways. Frederick County's PMP continuously reviews new technologies that will be cost effective, extend pavement maintenance cycles, and reduce the effects of construction on the environment.

RECOMMENDATION

DPW staff recommends that the Commission support using fog seal treatment on Rustic Roads with a tar and chip surface.



Figure 1.1: New fog seal treatment on Links Bridge Lane applied 7/21/2025.



Figure 1.2: New tar and chip treatment with no fog seal. Mountaindale Road applied 7/1/2025



Figure 2.1: Putman Road fog sealed on 3/30/2023.



Figure 2.2: Chestnut Grove Road fog sealed on 10/19/2023.



Figure 3.1: Mt Ephraim Road fog sealed on 9/27/2021 non-shaded area.

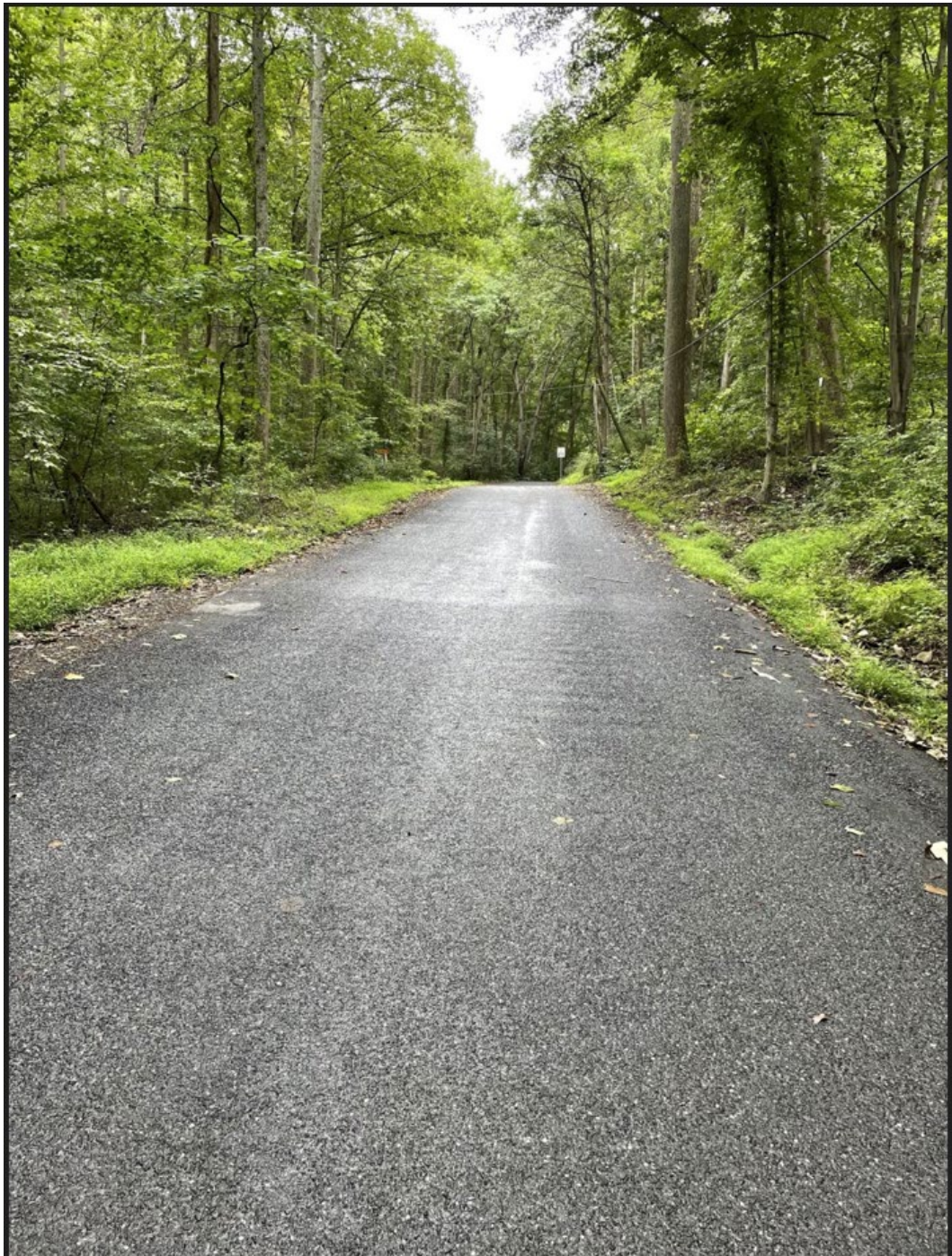


Figure 3.2: Mt. Ephraim Road fog sealed on 9/27/2021 shaded area.



Figure 3.3: Wilhide Road just off of Lewistown Road. Tar and chip no fog seal applied on 9/20/2021. Signs of bleeding.

Chip Seal of Various Frederick County Roadways

Bid Number 21-304-CP

Appendix A Roads List

Maintenance District 1

Name	From Street	To Street	Length	Width	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	Fog Seal
Eylers Valley Road-1	Friends Creek Rd.	Gravel pavement	1.11	17	11,070	1	8/27/2021	6/28/2022	
Eylers Valley Road-5	Gravel pavement	Kelbaugh Road	0.10	18	1,056	1	8/27/2021	6/28/2022	
Friends Creek Road	Eylers Valley Rd (	Hornets Nest Rd @	2.34	19	26,083	1	9/7/2021	9/21/2021	4/19/2022
Friends Lane	Friends Creek Road	Road end	0.48	15	4,224	1	9/10/2021	6/29/2022	7/19/2022
Hornets Nest Road	NE/S Friends Creek	W/S Riffle Rd	2.19	19	24,411	1	9/21/2021	6/29/2022	7/19/2022
Riffle Road	Hornets Nest	Hampton Valley rd	0.63	19	7,022	1	9/24/2021	6/28/2022	
Wilhide Road-1	Blacks Mill Rd	Angleberger Road	0.72	16	6,758	1	9/28/2021	6/29/2022	4/19/2022

Maintenance District 2

Name	From Street	To Street	Length	Width	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	Fog Seal
Albaugh Road	Gravel	MD 31	1.09	16	10,231	2	10/4/2021	10/5/2021	
Lookingbill Road	S/S Mathews Rd	Road end	0.50	15	4,400	2	9/29/2021	6/15/2022	6/28/2022
Marble Quarry Road	W/S Clemsonville R	Road end	0.20	14	1,643	2	NP	6/15/2022	6/28/2022
Molasses Road-1	Dotterer Road	Fountain School Rd	1.13	16	10,607	2	10/1/2021	6/15/2022	6/28/2022
Repp Road-1	MD 75	Gravel pavement	0.68	14	5,585	2	NP	6/15/2022	

Maintenance District 3

Name	From Street	To Street	Length	Width	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	Fog Seal
Easterday Road	US 40	Pleasant Walk Rd	2.99	17	29,820	3	8/10/2021	9/13/2021	4/19/2022
Echo Lake Road	road end	N/S Monument Rd	0.25	16	2,347	3	8/4/2021	9/10/2021	4/19/2022
Hayes Road-1	Stottlemeyer	Brandenburg Hollow	0.79	11	5,098	3	NP	9/13/2021	
Hells Delight Road	Quirauk School Road	Washington Co Line	0.02	17	199	3			
Highland School Road	Fishers Hollow	SW/S Gambrill Park	0.92	19	10,255	3	8/3/2021	9/15/2021	4/19/2022
Hollow Road	Harmony Rd	US 40	1.10	17	10,971	3	7/28/2021	9/14/2021	4/19/2022
Meeting House Road	E/S Harp Hill Rd	NW/S MD 17	1.76	16	16,521	3	8/19/2021	9/14/2021	4/19/2022

Monument Road-2	Grindstone Run	AC Pavement	1.57	18	16,579	3	8/6/2021	9/10/2021	4/19/2022
Scravel Road	SE/S Pleasant Walk	NW/S Easterday Rd	0.65	14	5,339	3	8/11/2021	9/13/2021	4/19/2022
Shank Road	ALT 40	Gravel pavement	0.05	11	323	3	7/28/2021	No T&C	
Wildcat Road-2	Gravel (12213)	Gravel pavement	0.16	13	1,220	3	8/19/2021	9/14/2021	
Maintenance District 4									
Name	From Street	To Street	Length	Width	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	Fog Seal
Basford Road	Mountville Rd	W/S US 15	2.01	18	21,226	4	7/20/2021	9/7/2021	10/7/2021
Basford Road	Elmer Derr Rd	Mountville Rd	1.29	18	13,622	4	7/20/2021	9/7/2021	10/7/2021
Elmer Derr Road	Basford Road	Elmer Road	1.14	19	12,707	4	7/13/2021	9/7/2021	10/7/2021
Elmer Derr Road	Basford Road	c-d-s	0.46	17	4,588	4	7/13/2021	9/7/2021	10/7/2021
Elmer Road	MD 180	Elmer Derr Road	0.19	17	1,895	4	7/13/2021	9/7/2021	10/7/2021
First Street	MD 180	Road end	0.10	10	587	4	7/21/2021	9/8/2021	10/7/2021
Hays Street	W/S Maryland Ave	E/S Potomac Ave	0.05	13	381	4	7/27/2021	No T&C	
Mountain Church Road	Marker Rd (S)	Gapland Road	2.44	13	18,609	4	7/26/2021	9/8/2021	10/7/2021
Mountain Lane	E/S of S. Mountain	Road end	0.27	15	2,376	4	7/22/2021	SC	
Potomac Avenue	S/S ALT 40	W/S Maryland Ave	0.33	17	3,291	4	7/27/2021	No T&C	
Second Street	MD 180	Road end	0.09	12	634	4	7/21/2021	9/8/2021	10/7/2021
Shady Lane	MD 180	Road end	0.14	12	986	4	7/21/2021	9/8/2021	10/7/2021
Urner Avenue	E/S Potomac Ave	S/S US 40 Alt	0.19	17	1,895	4	7/27/2021	No T&C	
Weston Drive	MD 180	Road end	0.28	12	1,971	4	7/22/2021	9/8/2021	10/7/2021
Maintenance District 5									
Name	From Street	To Street	Length	Width	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	Fog Seal
Covell Road	Thurston Rd	Gravel pavement	0.21	11	1,355	5			
Mount Ephraim Road-1	Park Mills Rd	Gravel pavement	1.38	14	11,334	5	6/25/2021	8/30/2021	9/27/2021
Maintenance District 6									
Name	From Street	To Street	Length	Width	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	Fog Seal

Bloomfield Road	N/S Opossumtown Pi	SW/S Sundays Lane	1.12	17	11,170	6	8/24/2021	9/15/2021	4/19/2022
Bottomley Road	SE/S Angleberger R	Wilhide Rd	0.96	13	7,322	6	NP	9/21/2021	4/19/2022
Etzler Road	AC pavement	Road end	0.74	16	6,946	6	NP		
Fishing Creek Road-3	Mountaindale Rd	Gravel pavement	0.87	11	5,614	6			
Lakeview Road	NW/S Hessongs Br R	Rd end past Stull	0.47	15	4,136	6	NP	9/15/2021	4/19/2022
Leatherman Lane	N/S Fish Hatchery	S/S Angleberger Rd	0.53	17	5,286	6	NP	9/20/2021	4/19/2022
Old Links Bridge Road	Dublin Rd.	Road End	0.18	10	1,056	6	8/24/2021	9/21/2021	4/19/2022
Spahrs Quarry Road	E/S Hessongs Br Rd	Road End	0.85	16	7,979	6	8/25/2021	9/20/2021	4/19/2022
Stull Road-1	ES US 15	SW/S Hessong Bridg	0.56	15	4,928	6	NP	9/20/2021	4/19/2022
Stull Road-2	Mountaindale Rd	W/S US 15	0.61	14	5,010	6	NP	9/20/2021	4/19/2022
Whates Lane	S/S Spahrs Quarry	Road end	0.22	16	2,065	6	8/25/2021	9/20/2021	4/19/2022
Wilhide Road-2	Gravel pavement	Lewistown Road	1.00	17	9,973	6	9/28/2021	9/20/2021	

	=	Removed from list
		No Fog Seal

Chip Seal of Various Frederick County Roadways
Bid Number 22-058 CP
Appendix A Roads List

ROADS LIST # 1

Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 1:								
Bentzel Road	MD 550	RR X-ing S/S Naylo	0.3	15	2,640	8/9/2022	8/24/2022	4/5/2023
Black Road	Kelbaugh	Eylers Valley	1.92	19	21,402	8/18/2022	8/25/2022	4/4/2023
Bridgeport Road	MD 140	Simmons Road	2.63	18	27,773	8/23/2022	8/26/2022	4/5/2023
Cool Road	Tract Road	Road end	0.26	15	2,288	N/A	N/A	N/A
E Eyler Valley Flint Road-1	Eylers Valley Rd	AC pavement	0.6	17	5,984	8/16/2022	8/24/2022	4/4/2023
Fort Ritchie Road	NW/S MD 550	E/S MD 491	1.5	21	18,480	8/8/2022	8/23/2022	4/5/2023
Hampton Valley Road	AC pavement	NE/S Eylers Valley	0.89	19	9,921	8/11/2022	8/24/2022	4/4/2023
Harbaugh Valley Road	Sunshine Trail	Road end	0.72	16	6,758	8/10/2022	8/24/2022	4/4/2023
Manahan Road	Foxville-Deerfield (N)	Park Gate	0.9	19	10,032	8/1/2022	8/24/2022	4/5/2023
Skunk Hollow Road	N/S Buck Lantz Rd	SW/S Fort Ritchie	1.18	19	3,051	8/3/2022	8/23/2022	4/4/2023
Three Springs Road	N/S Black Rd	S/S Eylers Valley	0.43	17	12,813	8/18/2022	8/25/2022	4/4/2023
Wise Road (North)	NW/S MD 491	Washington Co. Line	0.53	16	915	8/10/2022	8/23/2022	4/4/2023
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 2:								
Barnes Road (North)	SE/S Oak Orchard R	W/S Buffalo Rd	2.42	20	4,224	9/13/2022	9/27/2022	3/27/2023
Bessie Clemson Road-1	MD 31	N/S MD 26	1.04	14	4,048	N/A	N/A	N/A
Bessie Clemson Road-3	Fountain School Ro	Coppermine Road	1.69	17	10,560	N/A	N/A	N/A
Gruber Road	W/S Cash Smith Rd	E/S MD 194	0.6	15	5,280	8/25/2022	9/21/2022	3/28/2023
Hiney Road	Legore Road	Haughs Church Road	1.72	18	18,163	8/30/2022	9/21/2022	3/29/2023
Mathews Road	E/S Warner Rd	SW/S Keymar Rd	1	16	9,387	8/30/2022	9/21/2022	3/28/2023
Molasses Road-2	MD 75	Dotterer Road	1.16	15	329	8/31/2022	9/23/2022	3/28/2023
Peddicord Road	AC Pavement	Talbot Run Rd	0.6	18	6,336	9/13/2022	9/27/2022	3/27/2023
Sams Creek Road	Oak Orchard Rd	Carrol Co Line	0.52	18	5,491	NP	9/26/2022	3/28/2023
Toll Road	W/S MD 31	NE/S MD 31	0.89	15	7,832	9/12/2022	9/26/2022	3/28/2023
Weldon Road-2	NE/S Barnes Rd	SW/S Buffalo Rd	0.43	16	4,036	NP	9/27/2022	3/28/2023

Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 3:								
Canada Hill Road-1	MD 40	Grindstone Run	0.71	18	7,498	7/28/2022	9/15/2022	4/3/2023
Clifton Court North	Clifton Road (North)	End of road	0.07	12	493	NP	9/13/2022	4/3/2023
Clifton Road (North)	US 40 Alt	N. Clifton Ct	0.26	26	3,966	NP	9/13/2022	4/3/2023
Edgemont Road	N/S ALT 40	Road end	0.47	18	4,963	NP	9/13/2022	4/3/2023
Frostown Road	Michael Rd	NW/S Mt Tabor Rd	2.26	21	27,843	7/27/2022	9/14/2022	4/3/2023
Michael Road	E/S Monument Rd	S W/S Mount Taber RD	2	20	23,467	7/27/2022	9/14/2022	4/3/2023
Monument Road-1	NE/S Wash Mon Rd	Grindstone Run	2	21	24,640	7/27/2022	9/15/2022	4/3/2023
Old Harmony Road	SW/S MD 17	Road end	0.33	12	2,323	7/26/2022	9/13/2022	4/3/2023
Ward Kline Road	Church Hill Road	Easterday Road	1.58	17	15,758	7/28/2022	9/16/2022	3/31/2023
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 4:								
Arnold Road	Burkittsville Rd	Picnic Woods Road	0.46	15	4,048	7/27/2022	9/8/2022	4/10/2023
Bennies Hill Road-1	MD 17	Gravel (bridge)	0.72	14	5,914	7/26/2022	N/A	N/A
Brownsville Pass Road	NW/S MD 17	Road end	0.51	13	3,890	NP	9/8/2022	4/10/2023
Cemetery Road	Knoxville Rd	Cemetery Circle	0.31	17	3,092	NP	N/A	N/A
Fulmer Road	SW/S Old Swimming	NW/S Mt Philip	0.9	18	9,504	7/26/2022	9/13/2022	4/10/2023
Lander Road	Sunrise Dr	MD 464 (E)	1.55	16	14,549	7/20/2022	9/1/2022	4/11/2023
Mountain Road (South)	MD 180	East Mountain Rd	0.51	20	5,984	7/21/2022	9/8/2022	4/10/2023
Paul Rudy Road	S/S Roy Shafer Rd	Sumantown Road	0.84	20	9,856	7/27/2022	9/9/2022	4/6/2023
Saint Marks Road	Broad Run Rd	MD 180	2.28	18	24,077	7/21/2022	9/9/2022	4/10/2023
Sumantown Road-1	Broad Run Road	Paul Rudy Rd	1.92	23	25,907	7/27/2022	9/9/2022	4/10/2023
Virts Lane	Saint Marks Rd	Road end	0.21	19	2,341	7/21/2022	9/8/2022	4/6/2023
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 5:								
Bear Branch Road	Park Mills Rd	Mt. Ephraim Rd	0.1	16	939	7/13/2022	8/31/2022	4/13/2023
Criss Ford Road	Lily Pons Rd	Monocacy River	0.45	16	4,224	7/14/2022	8/31/2022	4/11/2023
Della Road	N/S Ed Sears Rd	Road end	0.6	16	5,632	7/14/2022	8/31/2022	4/11/2023
Doctor Belt Road	MD 28	Road end	0.31	16	2,910	NP	8/30/2022	4/11/2023
Doctor Perry Road	I-270 Bridge (AC)	Thurston Road	1.74	20	20,416	7/12/2022	8/29/2022	4/12/2023
Ed Sears Road	Park Mills Rd	Road end	1.3	19	14,491	7/14/2022	8/31/2022	4/11/2023
Lewisdale Road	MD 355	Wilcom Ct	0.38	29	6,465	7/11/2022	8/29/2022	4/12/2023
Linthicum Road	Slate Quarry Rd	AC pavement	0.39	17	3,890	7/13/2022	8/30/2022	4/12/2023

Stewart Hill Road	Mount Ephraim	Road end	0.68	15	5,984	7/14/2022	8/31/2022	4/13/2023
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 6:								
Bartgis Road	N/S ofSundays Lane	Hansonville Road	1.04	20	12,203	8/24/2022	9/20/2022	3/29/2023
Fox Road	NW/S Bethel Road	Road end	0.4	19	4,459	8/24/2022	9/20/2022	3/29/2023
Lenhart Road	AC pavement	Devilbiss Br Rd	0.58	20	6,805	8/25/2022	9/20/2022	3/29/2023
Putman Road	Mountaindale Road	US 15	2.86	20	33,557	8/24/2022	9/20/2022	3/30/2023
Putman Road	Bethel Road	Mountaindale Road	1.42	19	15,828	NP	9/20/2022	3/30/2023
Total =			56	c/l mi	555,655			

ROADS LIST # 2								
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 1:								
Blue Mountain Road	MD 806A	Hessong Bridge Road	1.95	18	20,592	5/12/2023	8/17/2023	10/26/2023
Browns Quarry Road	550	Eylers Valley Road	2.38	19	26,529	5/23/2023	8/24/2023	4/23/2024
Bullfrog Road	Harney Rd	PA line	0.43	21	5,298	5/24/2023	8/23/2023	10/11/2023
Catoctin Hollow Road-2	Mink Farm Rd	US 15	3.8	17	37,899	5/1/2023	9/6/2023	10/26/2023
Creamery Road	US 15	Keysville	0.96	19	10,701	5/24/2023	8/23/2023	10/11/2023
Franklinville Road	AC Pavement	AC Pavement	0.5	22	6,453	5/16/2023	8/28/2023	4/23/2024
Graceham Road	Apples Church Road	Seiss Rd	0.99	20	11,616	5/30/2023	8/21/2023	10/11/2023
Grimes Road (East)	Sixes Road	Keysville Road	0.43	18	4,541	6/5/2023	8/22/2023	10/10/2023
Long Road	NW/S MD 550	S/S MD 77	0.52	21	6,406	5/24/2023	8/17/2023	10/11/2023
Lucey Road	SW/S MD 550	NW/S Hunt Club Rd	0.69	20	8,096	5/23/2023	9/5/2023	10/17/2023
Mud College Road	S/S Orndorff Rd	NW/S Old Frederick	2.07	18	21,859	8/15/2023	8/21/2023	10/11/2023
Myers Road	N/S Legore Bridge	N/S MD 77	1.12	19	12,484	NP	9/5/2023	10/17/2023
Naylor Road	Cullen Dr	Road end	0.46	19	5,127	NP	8/24/2023	4/23/2024
Old Pryor Road	W/S Catoctin Furna	Road end	0.14	11	903	N/A	N/A	N/A
Orndorff Road	Azalea Ct (AC pave	Old Frederick Road	1.11	17	11,070	8/16/2023	8/21/2023	10/11/2023
Seiss Road	N/S Graceham Rd	S/S Apples Church	0.65	17	5,896	5/30/2023	8/21/2023	10/11/2023
Sixes Road-1	Grimes Rd	N/S Sixes Bridge R	1.45	18	5,544	8/18/2023	8/22/2023	10/10/2023

Sixes Road-2	Keysville Rd	Grimes Rd	0.83	17	493	8/21/2023	8/22/2023	10/10/2023
Stevens Road	Whilhide Road	W/S Old Frederick	0.81	20	4,136	N/A	N/A	N/A
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 2:								
Baker Road	SE/S MD 194	Warner Rd	1.52	16	8,765	9/27/2022	8/1/2023	10/17/2023
Buffington Road	E/S Renner Rd	W/S Keymar Road	1.3	15	15,159	9/26/2022	8/2/2023	10/18/2023
Cash Smith Road	SE/S MD 194	N/S Copper Mine Rd	1.71	17	17,054	9/28/2022	8/1/2023	10/17/2023
Detrick Road	6149 Detrick(AC)	Old Annapolis Road	1.42	19	15,828	9/16/2022	8/7/2023	10/23/2023
Emerson Burrier Road	SW/S Woodville Rd	NE/S Dollyhyde Rd	1.88	16	17,647	9/15/2022	8/3/2023	10/18/2023
Jones Road	S/S South Street	MD 75	0.37	19	4,124	9/22/2022	9/5/2023	10/23/2023
Keys Chapel Road	NE/S Coppermine Rd	Road end	0.41	12	2,886	9/21/2022	8/2/2023	10/18/2023
Mapleville Road	NE/S Dollyhyde Rd	S/S MD 26	1.87	17	18,650	9/21/2022	8/3/2023	10/18/2023
Muth Road	E/S Renner Rd	W/S Keymar Road	1.11	18	10,120	9/23/2022	8/2/2023	10/18/2023
Old Mill Bottom Road	S/S MD 144	Road end	0.18	16	1,561	9/21/2022	8/7/2023	4/24/2024
Talbot Run Road	E/S Woodville Rd	N/S Harrisville Rd	3.13	18	33,053	9/14/2022	8/4/2023	10/25/2023
Wilson Road	Woodville Road	Road end	0.24	18	2,534	NP	8/4/2023	10/25/2023
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 3:								
Brown Road	S/S of MD 77	Garfield Rd	1.88	19	20,956	4/20/2023	8/16/2023	10/12/2023
Crow Rock Road	MD 17	Highland School Ro	1.56	15	13,728	NP	9/8/2023	10/26/2023
Delauter Road-2	Road end	Gambrill Park Rd	0.8	17	7,979	4/19/2023	9/7/2023	10/13/2023
Dog Road	W/S Pleasant Walk	E/S Loy Wolfe Rd	0.59	14	4,846	4/19/2023	8/15/2023	10/12/2023
Loy Wolfe Road-1	Black Rock Rd	Pleasant Walk Rd	1.98	19	22,070	4/19/2023	8/15/2023	10/12/2023
Loy Wolfe Road-2	MD 17	Black Rock Rd	2.8	19	31,211	4/19/2023	8/15/2023	10/12/2023
Old Catoctin Road	SE/S Stottlemeyer	NW/S Tower Rd	1.07	20	12,555	5/12/2023	8/17/2023	10/13/2023
Spruce Run Road	SE/S Stottlemeyer	MD 17	2.4	15	21,120	NP	8/15/2023	10/13/2023
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 4:								
Basford Road (East)	Ballenger Creek Pk	US 15	1.19	18	12,566	4/4/2023	9/11/2023	4/18/2024
Corun Road	SW/S Poffenberger	N/S MD 383	0.59	13	4,500	4/12/2023	8/9/2023	4/22/2024
Flag Pond Road	Ballenger Cr. Pk.	Doubs Rd	0.17	17	1,695	4/4/2023	9/12/2023	4/18/2024

Fox Gap Road	ALT 40	Reno Monument	0.96	15	8,448	4/14/2023	8/9/2023	4/22/2024
Howard Stup Road	Cap Stine Rd	Mountville Rd	0.47	21	5,790	NP	9/12/2023	4/18/2024
Keller Lime Plant Road	Road end	MD 85	0.2	14	1,643	NP	9/12/2023	10/25/2023
Lime Kiln Way-1	Lime Kiln Road	AC pavement	0.27	21	3,326	4/11/2023	9/13/2023	10/25/2023
Old Licksville Road	MD 28	MD 28	0.52	16	4,881	NP	9/12/2023	4/18/2024
Old Swimming Pool Road	South Clifton Rd	S/S Jefferson Blvd	0.51	21	6,283	4/13/2023	N/A	N/A
Poole Road	NE/S Old Middletow	SW/S Holter Rd	1.15	18	12,144	NP	8/9/2023	10/27/2023
Quebec School Road	Marker Rd	Picnic Woods	1.13	18	11,933	NP	8/9/2023	4/22/2024
Richard Remsburg Road	E/S Old Middletown	W/S Holter Rd	1.01	15	8,888	4/17/2023	8/8/2023	10/27/2023
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 5:								
Cook Brothers Road-1	MD 75	Pleasant Grove Dri	0.69	20	8,096	8/23/2023	9/13/2023	10/24/2023
Cook Brothers Road-2	Fire Stone Drive	Price Distillery R	1.15	20	13,493	8/24/2023	9/14/2023	10/24/2023
Dixon Road	Bridge F07-09	Doctor Perry Rd	1.47	21	18,110	8/28/2023	9/14/2023	4/16/2024
Ed McClain Road	AC Pvmnt	MD 75	0.99	22	12,778	8/21/2023	9/18/2023	10/25/2023
Hines Road	S/S Bartonsville R	N/S Reichs Ford Rd	1.15	19	12,819	8/31/2023	9/20/2023	4/16/2024
Hopeland Road	S/S MD 80	Road end	0.43	16	4,036	N/A	N/A	N/A
Hyatt Road (East)	Mussetter Rd	Gravel pavement CDS	0.82	18	8,659	NP	9/19/2023	4/15/2024
Lawson Road	S/S MD 75	Browningsville Rd	0.75	20	8,800	8/22/2023	9/14/2023	10/24/2023
Reels Mill Road-1	RR Tracks	Ball Road	0.39	21	4,805	8/31/2023	9/19/2023	4/16/2024
Tabler Road	AC Pavement	S/S Ball Road	0.65	17	6,483	8/29/2023	9/19/2023	4/16/2024
Tobery Road	Bartonsville Rd	Road End	0.31	14	2,546	NP	9/20/2023	4/15/2024
Weedon Road	Flint Hill Rd	Road end	0.21	12	1,478	NP	9/13/2023	4/16/2024
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Patching	Chip Seal	Fog Seal
Maintenance Dist. 6:								
Cabbage Run Road	S/S Bennie Duncan	N/S Daysville Rd	0.88	21	10,842	9/12/2023	9/22/2023	10/19/2023
Central Church Road	N/S Gas House Pike	W/S Drummin Rd	1.07	22	13,810	9/6/2023	N/A	N/A
Chestnut Grove Road-1	N/S Old Annapolis	MD 26	1.4	18	14,784	NP	9/21/2023	10/19/2023
Chestnut Grove Road-2	MD 26	Daysville Road	1.64	20	19,243	9/8/2023	9/21/2023	10/19/2023
Crickenburger Road	Gas House Pike	c-d-s	0.23	20	2,699	9/6/2023	9/21/2023	4/24/2024
Doctor Baxter Road	W/S Linganore Rd	Road end	0.1	21	1,232	NP	9/20/2023	4/16/2024
Plantation Road	SE/S Linganore Roa	Road end	0.93	19	10,366	9/5/2023	9/20/2023	4/24/2024
Total Length =			72.9		744,667			

Chip Seal of Various Frederick County Roadways**Bid Number 22-058 CP****Appendix A Roads List****ROADS LIST # 1**

Name	From Street	To Street	Chip Seal	Fog Seal
Maintenance Dist. 1:				
Bentzel Road	MD 550	RR X-ing S/S Naylo	8/24/2022	4/5/2023
Black Road	Kelbaugh	Eylers Valley	8/25/2022	4/4/2023
Bridgeport Road	MD 140	Simmons Road	8/26/2022	4/5/2023
E Eyler Valley Flint Road-1	Eylers Valley Rd	AC pavement	8/24/2022	4/4/2023
Fort Ritchie Road	NW/S MD 550	E/S MD 491	8/23/2022	4/5/2023
Hampton Valley Road	AC pavement	NE/S Eylers Valley	8/24/2022	4/4/2023
Harbaugh Valley Road	Sunshine Trail	Road end	8/24/2022	4/4/2023
Manahan Road	Foxville-Deerfield (N)	Park Gate	8/24/2022	4/5/2023
Skunk Hollow Road	N/S Buck Lantz Rd	SW/S Fort Ritchie	8/23/2022	4/4/2023
Three Springs Road	N/S Black Rd	S/S Eylers Valley	8/25/2022	4/4/2023
Wise Road (North)	NW/S MD 491	Washington Co. Line	8/23/2022	4/4/2023
Maintenance Dist. 2:				
Barnes Road (North)	SE/S Oak Orchard R	W/S Buffalo Rd	9/27/2022	3/27/2023
Gruber Road	W/S Cash Smith Rd	E/S MD 194	9/21/2022	3/28/2023
Hiney Road	Legore Road	Haughs Church Road	9/21/2022	3/29/2023
Mathews Road	E/S Warner Rd	SW/S Keymar Rd	9/21/2022	3/28/2023

Molasses Road-2	MD 75	Dotterer Road	9/23/2022	3/28/2023
Peddicord Road	AC Pavement	Talbot Run Rd	9/27/2022	3/27/2023
Sams Creek Road	Oak Orchard Rd	Carrol Co Line	9/26/2022	3/28/2023
Toll Road	W/S MD 31	NE/S MD 31	9/26/2022	3/28/2023
Weldon Road-2	NE/S Barnes Rd	SW/S Buffalo Rd	9/27/2022	3/28/2023
Maintenance Dist. 3:				
Canada Hill Road-1	MD 40	Grindstone Run	9/15/2022	4/3/2023
Clifton Court North	Clifton Road (North)	End of road	9/13/2022	4/3/2023
Clifton Road (North)	US 40 Alt	N. Clifton Ct	9/13/2022	4/3/2023
Edgemont Road	N/S ALT 40	Road end	9/13/2022	4/3/2023
Frostown Road	Michael Rd	NW/S Mt Tabor Rd	9/14/2022	4/3/2023
Michael Road	E/S Monument Rd	S W/S Mount Taber RD	9/14/2022	4/3/2023
Monument Road-1	NE/S Wash Mon Rd	Grindstone Run	9/15/2022	4/3/2023
Old Harmony Road	SW/S MD 17	Road end	9/13/2022	4/3/2023
Ward Kline Road	Church Hill Road	Easterday Road	9/16/2022	3/31/2023
Maintenance Dist. 4:				
Arnold Road	Burkittsville Rd	Picnic Woods Road	9/8/2022	4/10/2023
Brownsville Pass Road	NW/S MD 17	Road end	9/8/2022	4/10/2023
Fulmer Road	SW/S Old Swimming	NW/S Mt Philip	9/13/2022	4/10/2023
Lander Road	Sunrise Dr	MD 464 (E)	9/1/2022	4/11/2023
Mountain Road (South)	MD 180	East Mountain Rd	9/8/2022	4/10/2023
Paul Rudy Road	S/S Roy Shafer Rd	Sumantown Road	9/9/2022	4/6/2023
Saint Marks Road	Broad Run Rd	MD 180	9/9/2022	4/10/2023
Sumantown Road-1	Broad Run Road	Paul Rudy Rd	9/9/2022	4/10/2023
Virts Lane	Saint Marks Rd	Road end	9/8/2022	4/6/2023
Maintenance Dist. 5:				

Bear Branch Road	Park Mills Rd	Mt. Ephraim Rd	8/31/2022	4/13/2023
Criss Ford Road	Lily Pons Rd	Monocacy River	8/31/2022	4/11/2023
Della Road	N/S Ed Sears Rd	Road end	8/31/2022	4/11/2023
Doctor Belt Road	MD 28	Road end	8/30/2022	4/11/2023
Doctor Perry Road	I-270 Bridge (AC)	Thurston Road	8/29/2022	4/12/2023
Ed Sears Road	Park Mills Rd	Road end	8/31/2022	4/11/2023
Lewisdale Road	MD 355	Wilcom Ct	8/29/2022	4/12/2023
Linthicum Road	Slate Quarry Rd	AC pavement	8/30/2022	4/12/2023
Stewart Hill Road	Mount Ephraim	Road end	8/31/2022	4/13/2023
Maintenance Dist. 6:				
Bartgis Road	N/S of Sundays Lane	Hansonville Road	9/20/2022	3/29/2023
Fox Road	NW/S Bethel Road	Road end	9/20/2022	3/29/2023
Lenhart Road	AC pavement	Devilbiss Br Rd	9/20/2022	3/29/2023
Putman Road	Mountaindale Road	US 15	9/20/2022	3/30/2023
Putman Road	Bethel Road	Mountaindale Road	9/20/2022	3/30/2023

ROADS LIST # 2				
Name	From Street	To Street	Chip Seal	Fog Seal
Maintenance Dist. 1:				
Blue Mountain Road	MD 806A	Hessong Bridge Road	8/17/2023	10/26/2023
Browns Quarry Road	550	Eylers Valley Road	8/24/2023	4/23/2024
Bullfrog Road	Harney Rd	PA line	8/23/2023	10/11/2023

Catoctin Hollow Road-2	Mink Farm Rd	US 15	9/6/2023	10/26/2023
Creamery Road	US 15	Keysville	8/23/2023	10/11/2023
Franklinville Road	AC Pavement	AC Pavement	8/28/2023	4/23/2024
Graceham Road	Apples Church Road	Seiss Rd	8/21/2023	10/11/2023
Grimes Road (East)	Sixes Road	Keysville Road	8/22/2023	10/10/2023
Long Road	NW/S MD 550	S/S MD 77	8/17/2023	10/11/2023
Lucey Road	SW/S MD 550	NW/S Hunt Club Rd	9/5/2023	10/17/2023
Mud College Road	S/S Orndorff Rd	NW/S Old Frederick	8/21/2023	10/11/2023
Myers Road	N/S Legore Bridge	N/S MD 77	9/5/2023	10/17/2023
Naylor Road	Cullen Dr	Road end	8/24/2023	4/23/2024
Orndorff Road	Azalea Ct (AC pave	Old Frederick Road	8/21/2023	10/11/2023
Seiss Road	N/S Graceham Rd	S/S Apples Church	8/21/2023	10/11/2023
Sixes Road-1	Grimes Rd	N/S Sixes Bridge R	8/22/2023	10/10/2023
Sixes Road-2	Keysville Rd	Grimes Rd	8/22/2023	10/10/2023
Maintenance Dist. 2:				
Baker Road	SE/S MD 194	Warner Rd	8/1/2023	10/17/2023
Buffington Road	E/S Renner Rd	W/S Keymar Road	8/2/2023	10/18/2023
Cash Smith Road	SE/S MD 194	N/S Copper Mine Rd	8/1/2023	10/17/2023
Detrick Road	6149 Detrick(AC)	Old Annapolis Road	8/7/2023	10/23/2023
Emerson Burrier Road	SW/S Woodville Rd	NE/S Dollyhyde Rd	8/3/2023	10/18/2023
Jones Road	S/S South Street	MD 75	9/5/2023	10/23/2023
Keys Chapel Road	NE/S Coppermine Rd	Road end	8/2/2023	10/18/2023
Mapleville Road	NE/S Dollyhyde Rd	S/S MD 26	8/3/2023	10/18/2023
Muth Road	E/S Renner Rd	W/S Keymar Road	8/2/2023	10/18/2023
Old Mill Bottom Road	S/S MD 144	Road end	8/7/2023	4/24/2024
Talbot Run Road	E/S Woodville Rd	N/S Harrisville Rd	8/4/2023	10/25/2023

Wilson Road	Woodville Road	Road end	8/4/2023	10/25/2023
Maintenance Dist. 3:				
Brown Road	S/S of MD 77	Garfield Rd	8/16/2023	10/12/2023
Crow Rock Road	MD 17	Highland School Ro	9/8/2023	10/26/2023
Delauter Road-2	Road end	Gambrill Park Rd	9/7/2023	10/13/2023
Dog Road	W/S Pleasant Walk	E/S Loy Wolfe Rd	8/15/2023	10/12/2023
Loy Wolfe Road-1	Black Rock Rd	Pleasant Walk Rd	8/15/2023	10/12/2023
Loy Wolfe Road-2	MD 17	Black Rock Rd	8/15/2023	10/12/2023
Old Catoctin Road	SE/S Stottlemeyer	NW/S Tower Rd	8/17/2023	10/13/2023
Spruce Run Road	SE/S Stottlemeyer	MD 17	8/15/2023	10/13/2023
Maintenance Dist. 4:				
Basford Road (East)	Ballenger Creek Pk	US 15	9/11/2023	4/18/2024
Corun Road	SW/S Poffenberger	N/S MD 383	8/9/2023	4/22/2024
Flag Pond Road	Ballenger Cr. Pk.	Doubs Rd	9/12/2023	4/18/2024
Fox Gap Road	ALT 40	Reno Monument	8/9/2023	4/22/2024
Howard Stup Road	Cap Stine Rd	Mountville Rd	9/12/2023	4/18/2024
Keller Lime Plant Road	Road end	MD 85	9/12/2023	10/25/2023
Lime Kiln Way-1	Lime Kiln Road	AC pavement	9/13/2023	10/25/2023
Old Licksville Road	MD 28	MD 28	9/12/2023	4/18/2024
Poole Road	NE/S Old Middletow	SW/S Holter Rd	8/9/2023	10/27/2023
Quebec School Road	Marker Rd	Picnic Woods	8/9/2023	4/22/2024
Richard Remsburg Road	E/S Old Middletown	W/S Holter Rd	8/8/2023	10/27/2023
Maintenance Dist. 5:				
Cook Brothers Road-1	MD 75	Pleasant Grove Dri	9/13/2023	10/24/2023
Cook Brothers Road-2	Fire Stone Drive	Price Distillery R	9/14/2023	10/24/2023
Dixon Road	Bridge F07-09	Doctor Perry Rd	9/14/2023	4/16/2024

Ed McClain Road	AC Pvmnt	MD 75	9/18/2023	10/25/2023
Hines Road	S/S Bartonsville R	N/S Reichs Ford Rd	9/20/2023	4/16/2024
Hyatt Road (East)	Mussetter Rd	Gravel pavement CDS	9/19/2023	4/15/2024
Lawson Road	S/S MD 75	Browningsville Rd	9/14/2023	10/24/2023
Reels Mill Road-1	RR Tracks	Ball Road	9/19/2023	4/16/2024
Tabler Road	AC Pavement	S/S Ball Road	9/19/2023	4/16/2024
Tobery Road	Bartonsville Rd	Road End	9/20/2023	4/15/2024
Weedon Road	Flint Hill Rd	Road end	9/13/2023	4/16/2024
Maintenance Dist. 6:				
Cabbage Run Road	S/S Bennie Duncan	N/S Daysville Rd	9/22/2023	10/19/2023
Chestnut Grove Road-1	N/S Old Annapolis	MD 26	9/21/2023	10/19/2023
Chestnut Grove Road-2	MD 26	Daysville Road	9/21/2023	10/19/2023
Crickenburger Road	Gas House Pike	c-d-s	9/21/2023	4/24/2024
Doctor Baxter Road	W/S Linganore Rd	Road end	9/20/2023	4/16/2024
Plantation Road	SE/S Linganore Roa	Road end	9/20/2023	4/24/2024

Chip Seal of Various Frederick County Roadways
Bid Number 24-183 CP
Appendix A Roads List

ROADS LIST # 1

Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	Fog Seal
Hoovers Mill Road	SW/S Mud College R	NE/S MD 77	1.79	14	14,702	1	3/10/2025	7/2/2025	7/22/2025
Bottom Road	NE/S Old Annapolis	NW/S Woodville Rd	1.92	15	16,896	2	10/31/2024	6/23/2025	7/21/2025
Cregger Road	S/S Baker Rd	N/S Renner Rd	0.37	15	3,256	2	11/19/2024	6/30/2025	7/22/2025
Geisbert Road	NW/S Dublin Rd	Road end	0.77	15	6,776	2	11/20/2024	7/1/2025	7/22/2025
Harrisville Road	NE/S Glissans Mill	AC pavement	0.67	18	7,075	2	10/22/2024	6/24/2025	7/21/2025
Kimmel Road	N/S Old Annapolis	S/S Glissans Mill	1.25	16	11,733	2	10/24/2024	6/24/2025	7/21/2025
Bessie Clemson - 1	MD 31	N/S MD 26	1.04	14	8,542	2	9/17/2024	6/30/2025	
Bessie Clemson - 2	Coppermine Rd	MD 31	0.71	15	6,248	2	9/20/2024	6/30/2025	
Bessie Clemson - 3	Fountain School Rd	MD 31	1.69	17	16,855	2	10/9/2024	6/30/2025	
Grindstone Run Road	SW/S Canada Hill R	Monument Rd	1.11	15	9,768	3	6/4/2025	7/15/2025	8/8/2025
Palmer Road	SW/S Old Hagerstown	Road end	0.83	18	8,765	3	9/3/2025		
Ridenour Road-1	Brown Rd	Stottlemeyer Rd	1.42	19	15,828	3	3/20/2025	7/9/2025	8/7/2025
Wigville Road	Catoctin Hollow	Tower Road	1.43	20	16,779	3	4/15/2025	7/10/2025	8/7/2025
Martin Road	SE MD 17	MD 17	1.08	12	7,603	3	4/29/2025	N/A	N/A
Boss Arnold Road (East)	Lander Rd	Catoctin Creek	0.23	11	1,484	4			
Brentland Road	MD 17	Catholic Church Rd	1.37	16	12,860	4			
Carroll Boyer Road	S/S Sumantown Rd	N/S Poffenberger R	1.73	15	15,224	4	N/A		
Horman Lane	S/S Elmer Derr Rd	NE/S Cap Stine Rd	0.42	14	3,450	4			
Mountain Church Road	Marker Rd (N)	Marker Rd (S)	2.44	19	27,198	4	9/11/2025		
Reno Monument Road	NW/S Bolivar Rd	AC Pvmt Wash Mon	1.14	18	12,038	4	9/5/2025		
Roy Shafer Road	Bennies Hill Rd	Old Middletown Rd	0.86	15	7,568	4	9/9/2025		
Roy Shafer Road	Bussard Rd	Bennies Hill	1.10	13	8,389	4	9/9/2025		
Baughner Road (North)	AC pavement	Private Drive	0.53	14	4,353	6	5/2/2025		
Links Bridge Lane	Links Bridge Road	Road End	0.17	17	1,695	6	4/30/2025	7/1/2025	7/21/2025
Total =			26.07	c/l mi					

ROADS LIST # 2 Rural/Rustic Roads (No Fog Seal)									
Name	From Street	To Street	Length (Miles)	Width (FT)	Roadway Area (SY)	Maint. Dist.	Patching	Chip Seal	
Buck Lantz Road	Gravel (near Skunk)	MD 491	0.55	15	4,840	1	3/17/2025	7/7/2025	
Buck Lantz Road	Foxville-Deerfield	Gravel pavement	0.21	12	1,478	1	3/17/2025	7/7/2025	
Debold Road - 1	MD 550	Gravel pavement	1.21	17	12,068	1	3/13/2025	7/7/2025	
Shoemaker Road	Bollinger School Rd	Gravel pavement	0.19	14	1,561	1	7/7/2025		
Black Ankle Road-1	Unionville Road	Talbot Run Rd	1.24	17	12,367	2	11/13/2024	6/25/2025	
Black Ankle Road-3	Gravel pavement	Buffalo Rd	1.03	17	10,273	2	11/12/2024	6/25/2025	
Etzler Mill Road - 1	Gravel pavement	NE/S Whiskey Spring	0.69	14	5,667	2	11/14/2024	6/30/2025	
Mattie Haines Road	Gravel pavement	Woodville Rd	0.45	23	6,072	2	11/1/2024	6/24/2025	
Old Bohn Road	Buffalo Rd	Mattie Haines Rd	1.19	15	10,472	2	11/7/2024	6/23/2025	
Pearre Road - 3	Gravel pavement	Gravel pavement	0.28	14	2,300	2	10/10/2024	6/30/2025	
Whiskey Springs Road - 1	Coppermine Rd	Gravel pavement	0.67	15	5,896	2	11/18/2024	6/30/2025	
Rum Spring Road - 1	Gravel pavement	Highland School Rd	1.06	16	9,950	3	4/24/2025	7/14/2025	
Tower Road	Mink Farm Rd	Gambrill Park Rd	1.09	16	10,231	3	4/23/2025	7/14/2025	
Tower Road	MD77	Wigville (Gravel)	2.12	20	24,875	3	3/27/2025	7/14/2025	
Poffenberger Road	MD 383	BR F22-03	0.77	15	6,776	4	9/15/2025		
Sigler Road	Springview Dr	Gravel pavement	0.36	12	2,534	4			
Sigler Road	Gravel pavement	BR F14-02X	0.35	12	2,464	4			
Fishing Creek Road	Mountaindale rd	Gravel pavement	0.87	11	5,614	6			
Mountaindale Road	Putman Rd	Gravel pavement	0.70	14	5,749	6	5/27/2025	7/1/2025	
Total =			15.03	c/l mi					

41.10

386,273

