

Subdivision Street Pavement Management Fund

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Statewide Support Services
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Excellence in Walk-up Music

Every Song. Every Note. Every Walk. Everyone.

- ▶ **Narco by Blasterjaxx & Timmy Trumpet**
- ▶ **Released in 2017**
- ▶ **Reached No. 1 on Spotify's Viral 50 in 2022**
- ▶ **Used by New York Mets Closer Edwin Diaz (and others)**



In the beginning...

Part One: Hope



In the beginning...

- ▶ **Resident:** Hello! There's a pothole that needs to be fixed in my neighborhood.
- ▶ **M&O:** Greetings fine citizen! Thank you for your call. We will create a Maximo work order and get that fixed for you ASAP. Have a beautiful DelDOT Day!





A couple years later...

Part Two: Frustration



A couple years later...

- ▶ **Resident:** Hey! Can you help me out? My street is starting to fall apart and there are several potholes.
- ▶ **M&O:** Umm. Hi. I checked and we're waiting on a flux capacitor for the pothole patcher. As soon it's fixed we'll get out there.





Several years later...

Part Three: Rage



Several years later...

- ▶ **Resident:** My husband has called at least twice about this!!! Fix the D@!&% road!!!
- ▶ **M&O Automated System:** Thank you for contacting DelDOT. We would like to assist you, but all of our positions are currently vacant. Please hold while we connect you to a consultant.





Paving Programs

- ▶ History of Suburban Streets
- ▶ Paving and Rehabilitation Program
- ▶ Community Transportation Fund (CTF)
- ▶ 2019 Subdivision Street Data
- ▶ Subdivision Street Pavement Management Fund (SSPMF)
(formerly Pilot Paving Program)



History of Suburban Streets

1980's

Prior to the 1980's, Suburban streets were part of DelDOT's Paving Program.

Suburban Streets Program is created to provide dedicated funding for paving.

2002

Suburban Streets Program is replaced with the Community Transportation Fund.

2019

CTF Pilot Paving Program is created to provide dedicated funding for paving the very poor streets.



Paving and Rehabilitation Program

- ▶ 4,400 centerline miles of interstates/freeways, arterials, collectors and local roads
- ▶ Roads rated every two years → Overall Pavement Condition (OPC)
- ▶ Weighted scoring process: OPC, functional classification, traffic volumes and proximity to facilities
- ▶ Cost effective treatments determined to obtain full pavement service life
- ▶ On average \$80M allocated annually



Overall Pavement Condition Breakdown

Condition	OPC Range
Very Poor	0-24.99
Poor	25-49.99
Fair	50-59.99
Good	60-100

Good



Fair



Poor



Very Poor





Paving and Rehabilitation Treatments

- ▶ Preservation/Preventative Maintenance
 - ▶ Crack Sealing
 - ▶ Fog Sealing
 - ▶ Patching
 - ▶ Thin Overlays
- ▶ Rehabilitation (mill and overlay)
- ▶ Reconstruction
- ▶ Best Practice: preservation/preventative maintenance often (at a lower cost) to delay more expensive rehabilitation or reconstruction



Paving and Rehabilitation Performance Measures

- ▶ 85% of pavements in good and fair condition
- ▶ No more than 10% of pavements in fair condition
- ▶ 2019
 - ▶ 88.9% pavements in good and fair condition
 - ▶ 12% pavements in fair condition
 - ▶ 444 miles (10.1%) in poor condition
 - ▶ 41.18 miles (0.9%) in very poor condition



Community Transportation Fund (CTF)

- ▶ Provides fixed amount of funds annually to each Senator and Representative
- ▶ Used to make transportation improvements (Rule 12)
- ▶ Funds can be combined with other legislators to fund larger transportation improvements
- ▶ Funding expires after three years if not allocated to specific projects



CTF Allocation FY16-23

Fiscal Year	CTF per Legislator	Co-Chair Drainage Funds	Total CTF
2016	\$260,000	\$630,000	\$16,750,000
2017	\$275,000	\$630,000	\$17,680,000
2018	\$275,000	\$630,000	\$17,680,000
2019	\$350,000	\$630,000	\$22,330,000
2020	\$350,000	\$630,000	\$22,330,000
2021	\$300,000	\$630,000	\$19,230,000
2022	\$325,000	\$2,000,000	\$22,150,000
2023	\$350,000	\$1,500,000	\$23,200,000



Community Transportation Fund (CTF) – Rule 12

- ▶ Paving and crack sealing public streets
- ▶ Traffic signs, lighting, calming and radar speed signs
- ▶ Curb, drainage, sidewalk, pathways and bus shelters
- ▶ Fencing, landscape berms and landscaping
- ▶ Command vehicles, fire service vehicles and fire company traffic safety vehicles



2019 Subdivision Street OPC and Mileage Statewide

Condition	OPC Range	Mileage	% of Total
Very Poor	0-24.99	139	9.0%
Poor	25-49.99	281	18.2%
Fair	50-59.99	173	11.2%
Good	60-100	951	61.6%
	Total	1,544	100.0%



Subdivision Street OPC and Mileage by County

Condition	Total	New Castle County		Kent County		Sussex County	
	Mileage	Mileage	% of Total Mileage	Mileage	% of Total Mileage	Mileage	% of Total Mileage
Very Poor	139	129	8.3%	5	0.3%	6	0.4%
Poor	281	250	16.2%	20	1.3%	11	0.7%
Fair	173	140	9.1%	17	1.1%	15	1.0%
Good	951	636	41.2%	166	10.7%	150	9.7%
Total	1,544	1,155	74.8%	208	13.5%	181	11.7%



Subdivision Street Pavement Management Fund

- ▶ Pilot Program started in FY 2019 to accelerate improvement and quality of subdivision streets
- ▶ Continued for FY 2020, 2021 and 2022
- ▶ **FY 2023 Pilot Program renamed as the Subdivision Street Pavement Management Fund (SSPMF)**



Subdivision Street Pavement Management Fund

- ▶ Locations are selected using a priority-based scoring system similar to the Paving and Rehabilitation Program
 - ▶ OPC (40%)
 - ▶ Functional Classification (30%)
 - ▶ Transportation Needs e.g. residential only, business, recreation, educational facilities, transit centers, community facilities, employment, etc. (20%)
 - ▶ Continuity (10%)



SSPMF Program Funding

Fiscal Year	Allocation	# Locations	Total Mileage
2019	\$5,000,000	44	8.85
2020	\$5,000,000	34	6.83
2021	\$5,000,000	18	5.87
2022	\$30,000,000*	207	47.31
2023	\$30,000,000*	197	36.27

* \$10M for Pilot Paving and \$20M one-time funding



SSPMF Program by County

Fiscal Year	Total Locations	New Castle	Kent	Sussex
2019	44	42	1	1
2020	34	31	0	3
2021	18	18	0	0
2022	207	188	10	9
2023	197	185	7	5

Thank You!!!



QUESTIONS/ COMMENTS