



LOUISVILLE
Department of
Transportation

Update on Fiscal Year 2027 – 2029 Paving Plan

July 21, 2026

Wesley Sydnor, Executive Director
Nick Vail, Assistant Director of Engineering
Clinton Davis, Engineer Supervisor



Overview

- Infrastructure Renewal Team
- Pavement Assets, Functional Class and Ratings
- Historical Funding
- Status of FY25 – 26 Paving Plan
- OpenGov Enterprise Asset Management (EAM) Software
- Strategy and Schedule for FY27 – 29 Paving Plan
- Questions, Comments and Concerns



Infrastructure Renewal (IR) Team

- Clinton Davis
 - Engineer Supervisor
- Thierry Muhanuka
 - Engineer III / Sidewalk Coordinator
- Jennifer Thornberry
 - Project Manager (administrative, financial and reporting)
- Bryan Davis
 - Project Manager (paving planning, OpenGov)



Pavement Assets (not including alleys)

- Responsible for maintaining roadways owned by Metro
- Centerline miles: length from point to point regardless of lanes
- Lane miles: takes number of lanes and direction into account

Classification	Centerline Miles	Lane Miles
Arterial	129	428
Collector	356	743
Local	1,696	3,392
TOTAL	2,181	4,563

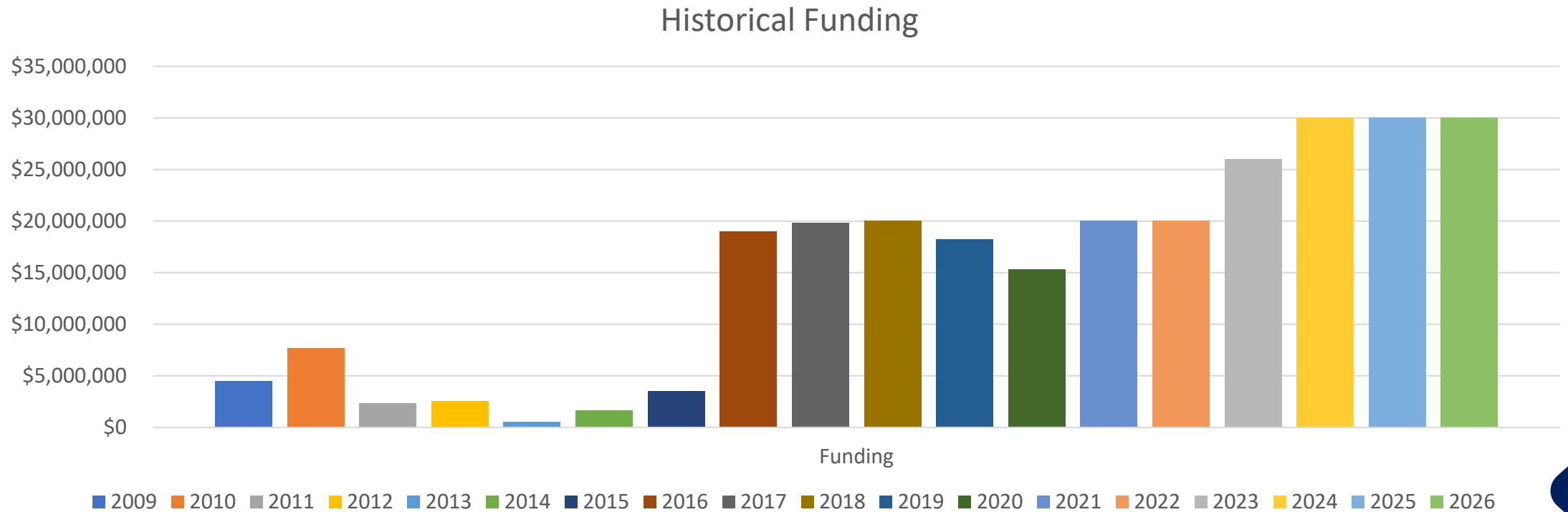
Functional Classification

- System of categorizing road types
- Types:
 - Interstates and Freeways & Expressways (**not applicable for Metro**)
 - Major and Minor Arterials
 - High level of traffic and/or serving major activity centers
 - Major and Minor Collectors
 - Provides connections between the local roads and arterial network
 - Local Roads

Pavement Condition Index (PCI) Ratings

Condition	Description
Very Good-Excellent (PCI = 86-100)	Newly constructed or resurfaced pavement (few signs of distress)
Good (PCI = 71-85)	Requires mostly preventive maintenance (low levels of distress)
Fair (PCI = 56-70)	Require a combination of rehabilitation and preventive maintenance (significantly distressed)
Poor (PCI = 41-55)	Deteriorated pavement requiring immediate attention including rehab work
Very Poor (PCI = 0-40)	Requiring major rehabilitation or reconstruction (extensive distress)

Historical Funding



Status of FY25 – FY26 Paving Work

- FY25
 - 99% complete
 - 1% awaiting utility work and/or restriping plans prior to paving
 - 100% of additional Republican pool funded work complete
 - FY26
 - Approximately 95% complete
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OpenGov Enterprise Asset Management (EAM)

- Continued transition from Excel to a GIS based software
- Ongoing data integration between OpenGov and GIS
- Helps to model roadway improvements to most efficiently allocate council funds
- Ongoing training and system integration since June '25
 - 3-8 hours per week per person or
 - Over 100 hours per month within IR Team

OpenGov Enterprise Asset Management (EAM)

OpenGov Asset Management

Home Dashboard Resources Reports Scenarios Administration

Switch to the Classic UI Search Create Asset

Search Address or Record

Tasks 0 Requests 0 Assets 20,821 Work Orders 1

Show Selected Assets of 0 Total Records

Map Filter Off All Assets Sort Actions

	RWCOMPKEY	AssetType	Street	Estimate...	Inspecte...	Criticality F...	Proximi...
	0	Pavement	LEWIS LN	96.22	100	1	16 mi

Layers

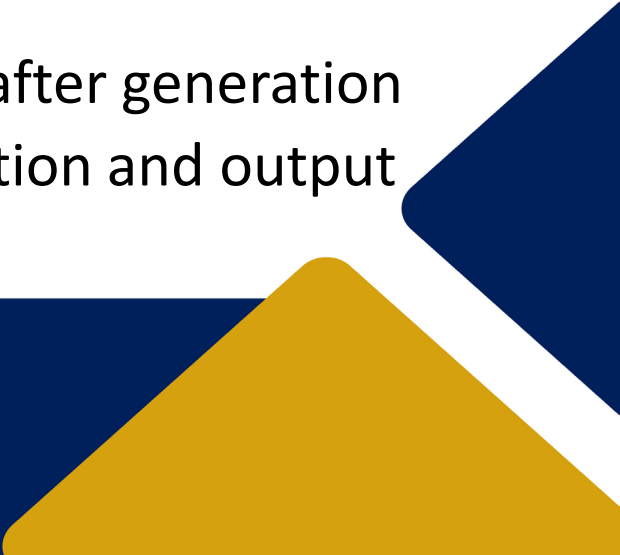
All Layers Off Filter Layers

- Task My Tasks 0
- Request All Requests 0
- Sidewalk Segment All Sidewalk Segments 997,785
- Pavement Brick Roads 67
- Pavement All Pavement 20,821
- Work Order All Work Orders 1

OpenGov Enterprise Asset Management (EAM)

- OpenGov goals since October 2025 launch:
 - Initial data integration of paved roadway segments from FY25 and FY26
 - In process of creating a hybrid plan by integrating remaining FY26, FY27, and FY28
 - Hybrid plan excludes list of roads paved or planned to be paved via projects outside of paving program (i.e. LWC, MSD, LG&E, KYTC, federal, other DOT projects, etc.)
- Current staff priority
 - Complete FY25-26 work before end of paving season
 - Continue software training modules and consultant engagement

Development Strategy for FY27 – 29 Plan

- Anticipate \$30M annual budget for FY27 – 29
 - Prioritization
 - Integrating previously planned work in Hybrid plan
 - Continuous highest need-based scenario building based on pavement condition and requests
 - Scenario Builder
 - Requires engineering customization of paving project groups after generation
 - Continue work with OpenGov support staff to optimize utilization and output
- 

Schedule for FY27 – 29 Plan

Steps	Timing
Continue OpenGov training	ongoing
Troubleshoot data quality issues including uncollected PCI from 2025	December – current
Integrate existing paving plans into OpenGov	March - April 2026
Run scenario builder per District in OpenGov to produce draft plan	March - April 2026
Present draft plan to council	April 2026
Finalize Paving Plan	May 2026 – June 2026
Begin development of scoping maps and estimates	May 2026
Adjust final plan for approved FY27 budget alterations	July 2026
Contractors begin work	July 2026



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