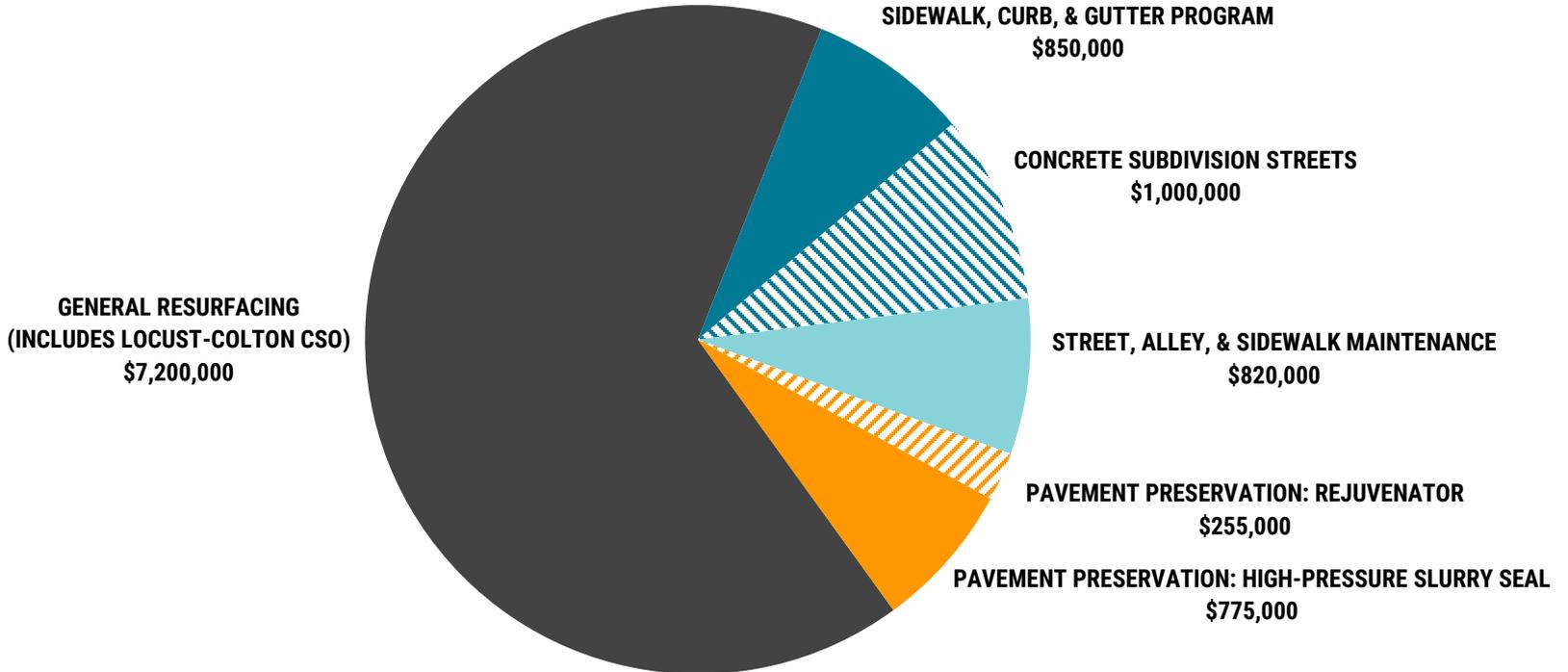




2025 STREETS AND SIDEWALKS UPDATE

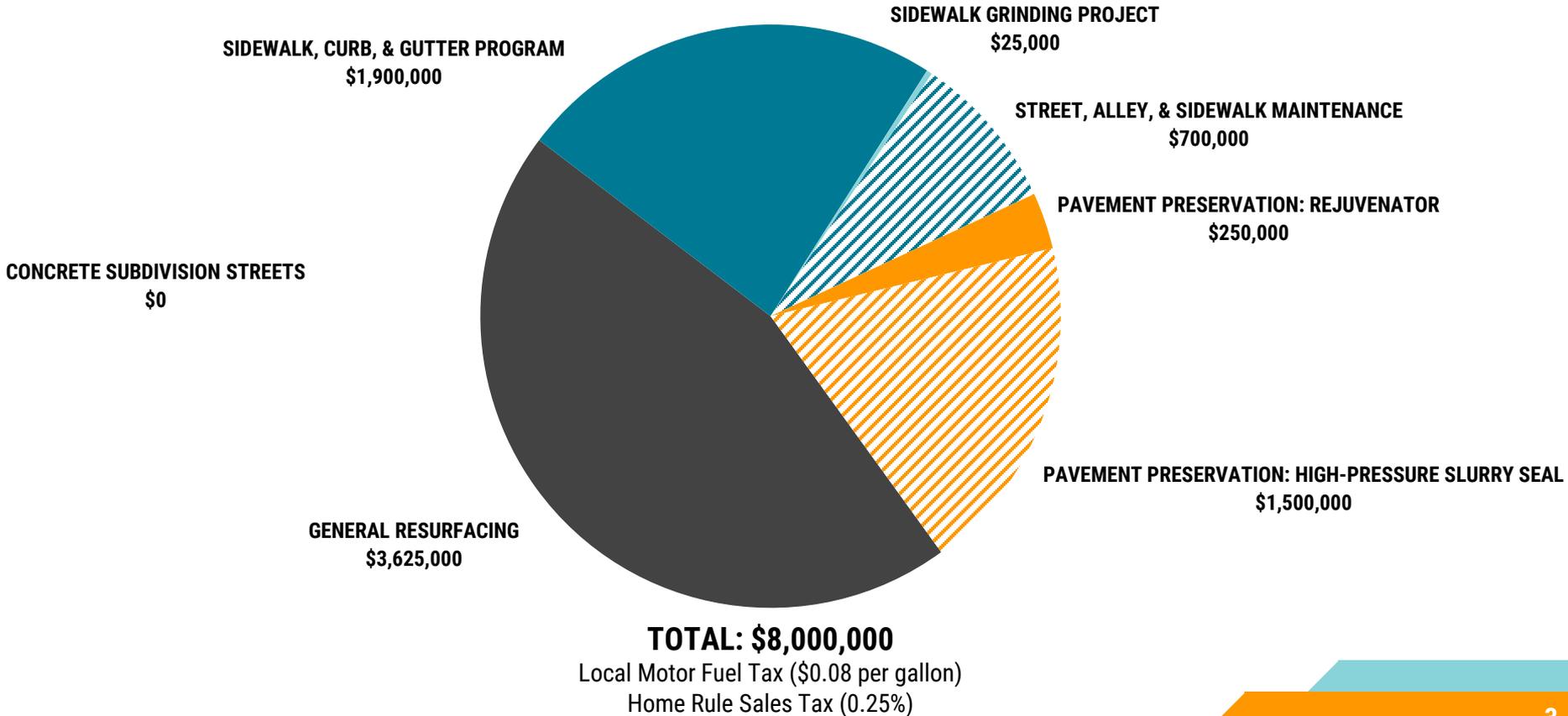
JIM KARCH, P.E. MPA, DIRECTOR OF ENGINEERING
CITY COUNCIL – MARCH 24, 2025

FY25 PROGRAM ALLOCATIONS



FY25 Asphalt & Concrete Budget: \$10,000,000
Proposed FY25 Asphalt & Concrete Budget Amendment: \$600,000
American Rescue Plan Act Funds: \$300,000
TOTAL: \$10,900,000

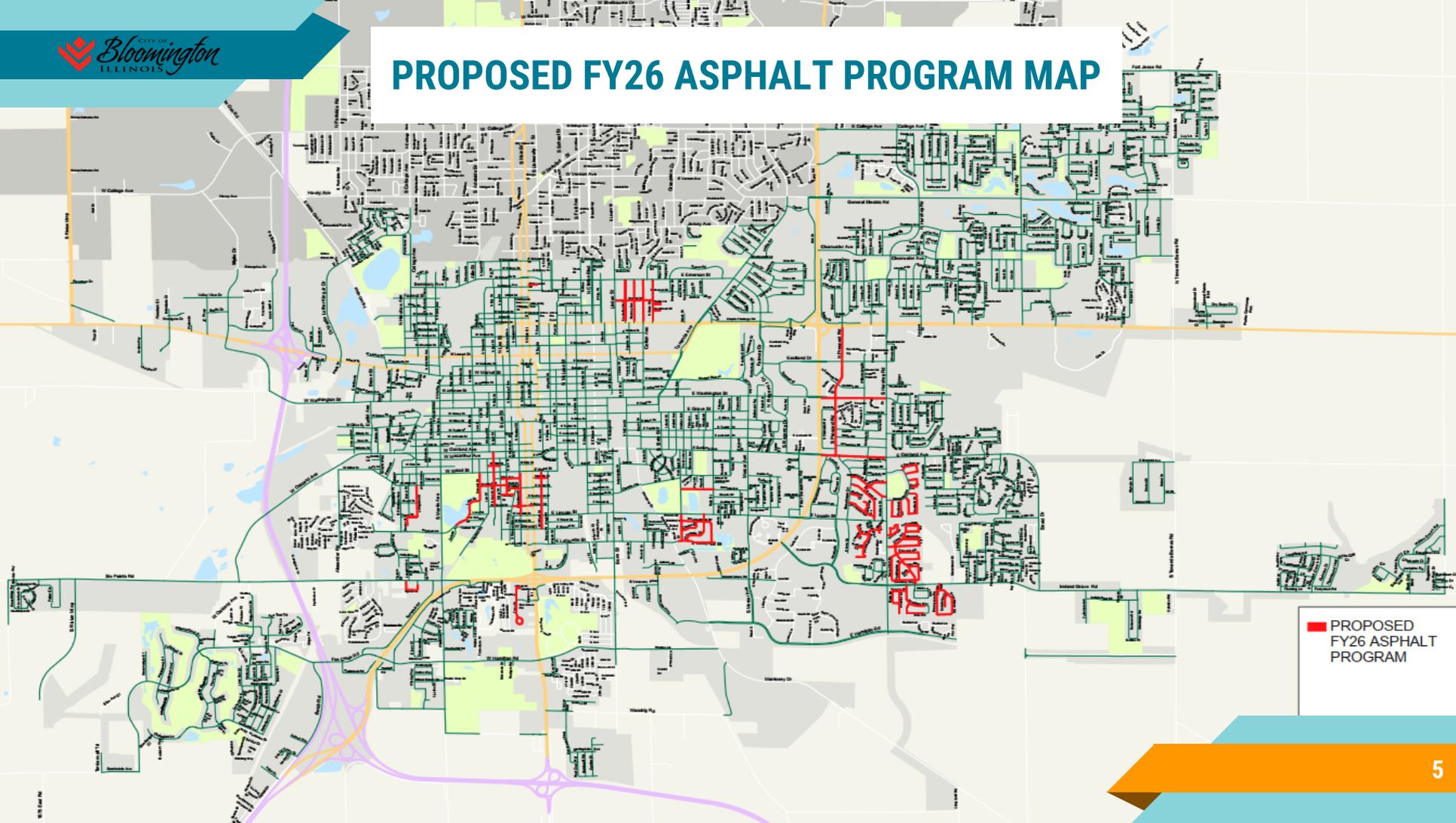
FY26 PROGRAM ALLOCATIONS



FY26 RESURFACING & PAVEMENT PRESERVATION

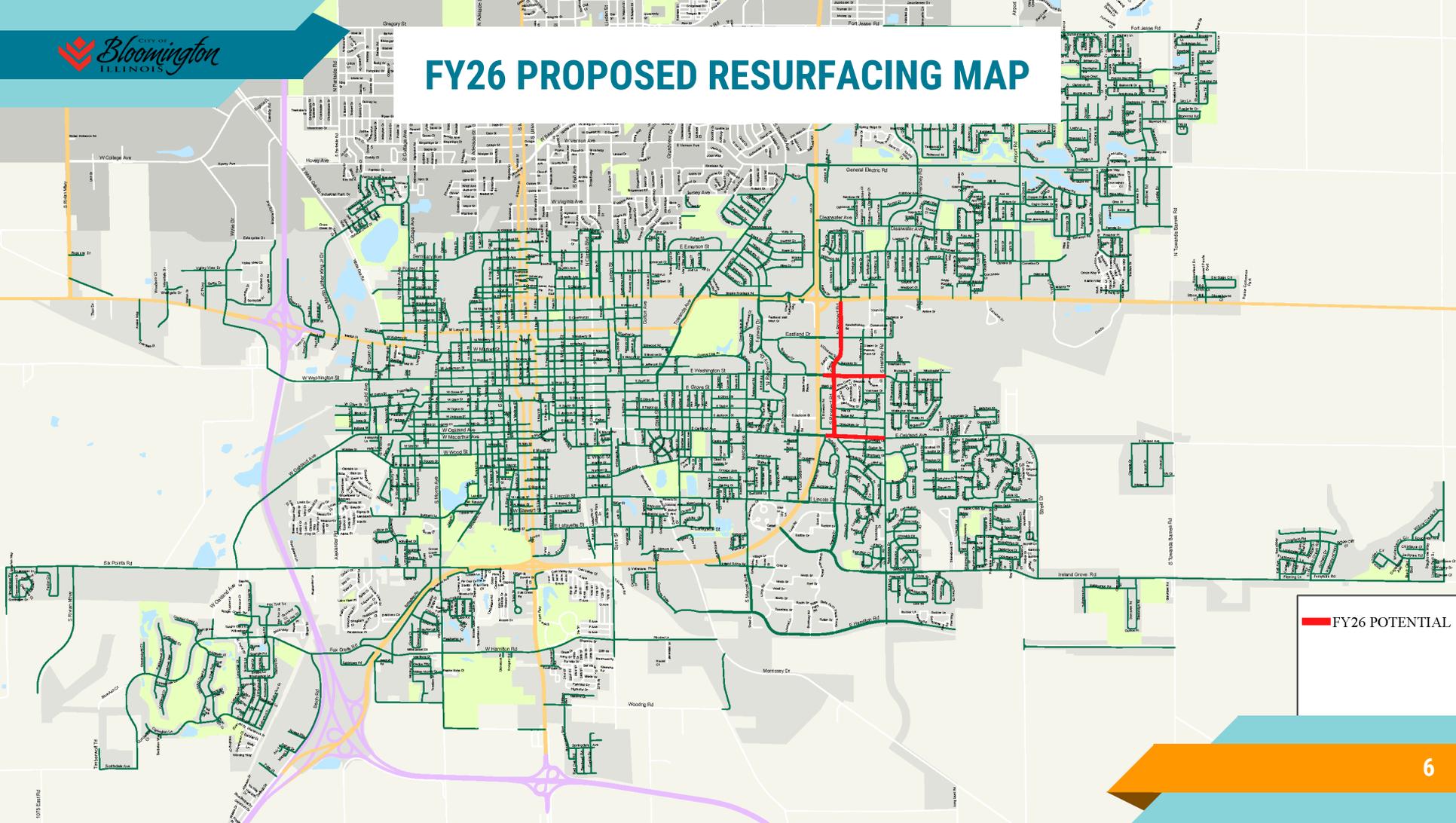
Program	Minor Arterial	Collector	Local
FY26 Resurfacing	4.0	3.1	0.0
<i>Subtotal</i>	<i>4.0</i>	<i>3.1</i>	<i>0.0</i>
FY26 High-Pressure Slurry Seal	0.0	0.0	18.1
FY26 Rejuvenator	0.0	0.0	15.9
<i>Subtotal</i>	<i>0.0</i>	<i>0.0</i>	<i>34.1</i>
TOTAL	41.2		

PROPOSED FY26 ASPHALT PROGRAM MAP



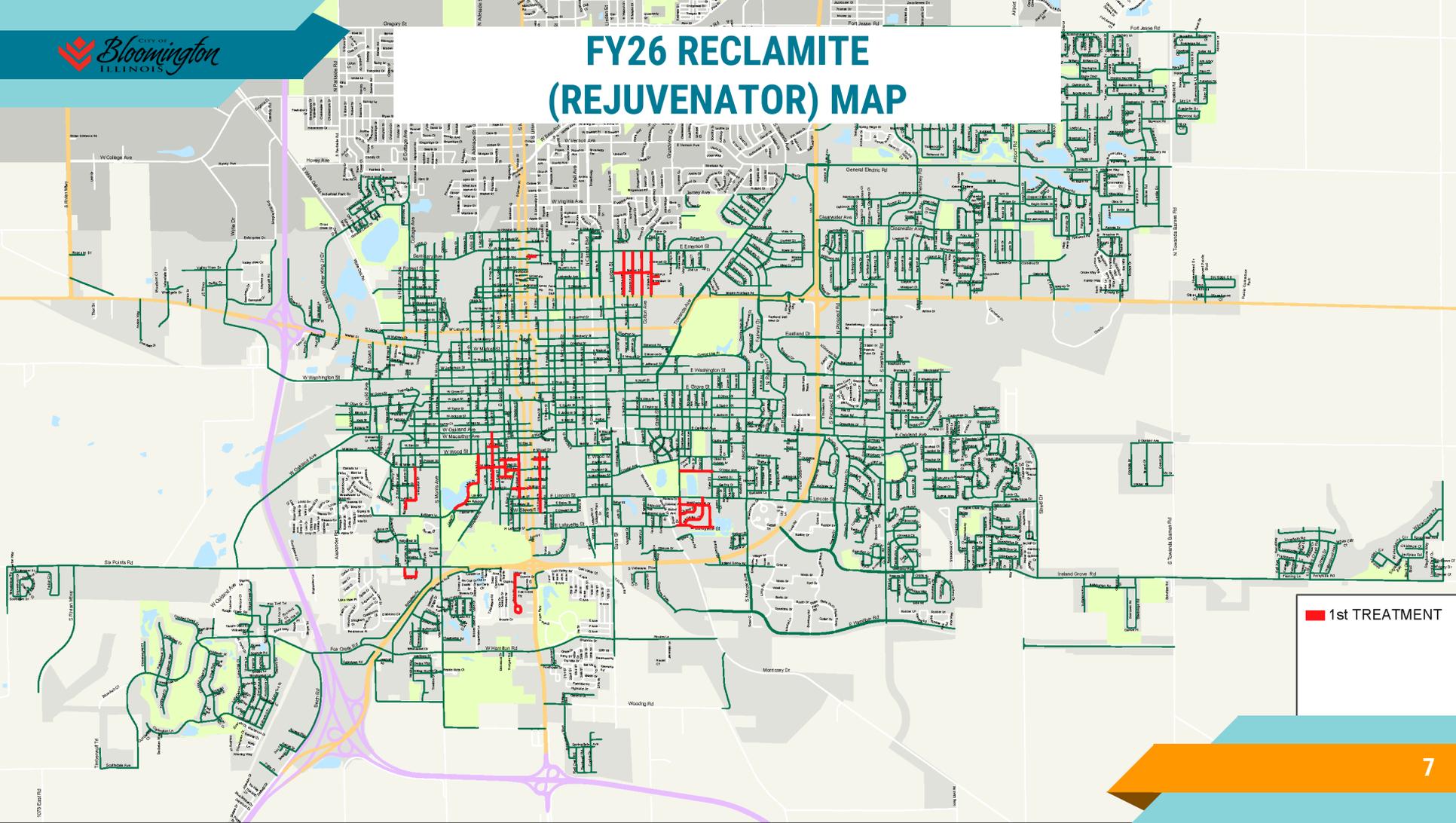
■ PROPOSED
FY26 ASPHALT
PROGRAM

FY26 PROPOSED RESURFACING MAP



 FY26 POTENTIAL

FY26 RECLAMITE (REJUVENATOR) MAP



■ 1st TREATMENT

Infrastructure Projects

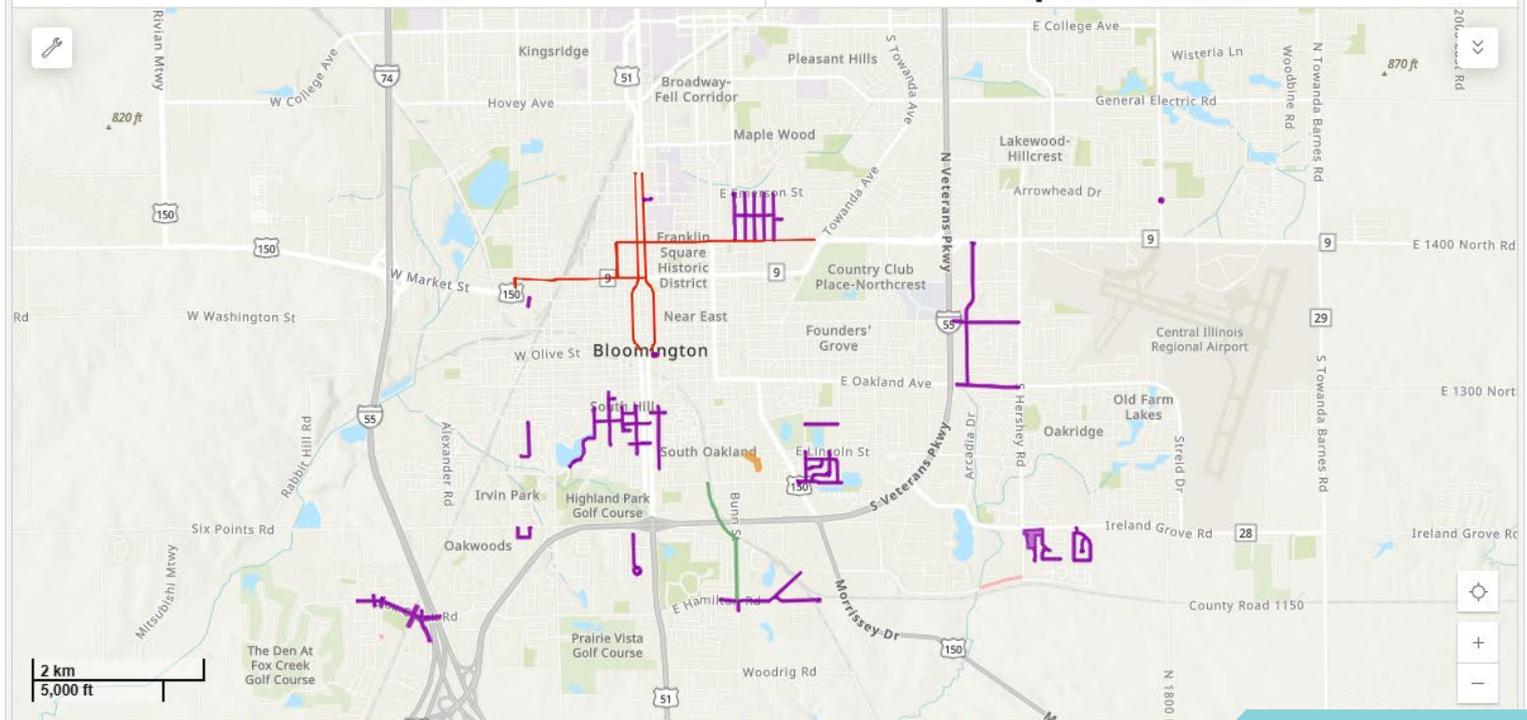


Projects with locations not yet finalized will be shown at the managing department's location.

- Const. Trail Extension: Lafayette St to Hamilton Rd
- East Street Basin Phase 5
- Fox Creek Road
- FY 2026 HP Slurry
- FY 2026 HP Slurry
- FY 2026 Multi-Year Street, Alley & Sidewalk Repairs
- FY 2026 Reclaimite
- FY 2026 Resurfacing
- FY 2026 Sewer Rehabilitation Program
- FY 2026 Sidewalk Repair Program
- FY 2026 Traffic Signal Maintenance
- FY 2026 Utility Maintenance Program
- Hamilton Road Phase II
- Hershey & Hamilton Road Trail and Ireland Grove Road Sidewalk
- IL Route 9 Corridor Improvements (Empire) - Main to Towanda
- IL Route 9 Corridor Improvements (Locust) - Mulberry to Center; Lee - Empire to Locust; Empire - Lee to Center
- Route 66 Trail & Pepper Ridge Sidewalk Improvements
- Signal Preemption DCEO
- US 51 Business Corridor Improvements (Main/East and Center/West)

Projects
20

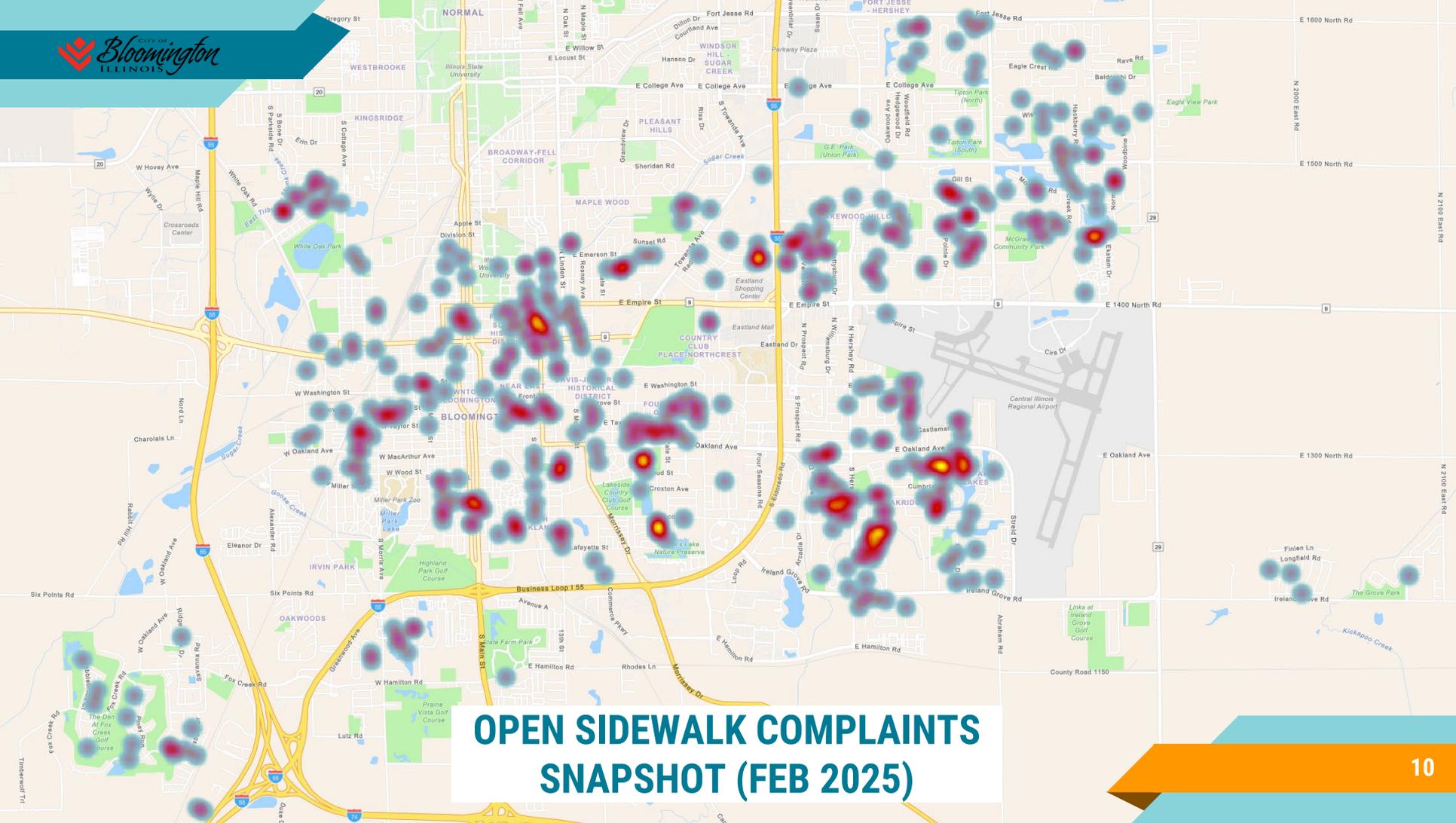
Projected Cost
\$64.2M



Esri, NASA, NGA, USGS, FEMA | McGIS-McLean County GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS | Esri

Project Type:
■ Facilities ■ Parks & Trails ■ Sanitary & Storm Sewers ■ Sidewalks ■ Telecommunications ■ Transit ■ Transportation ■ Water Distribution ■ External



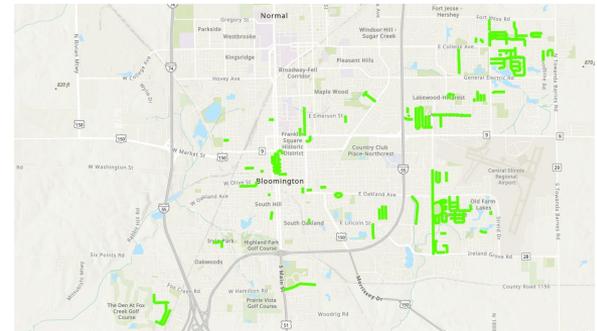


OPEN SIDEWALK COMPLAINTS SNAPSHOT (FEB 2025)

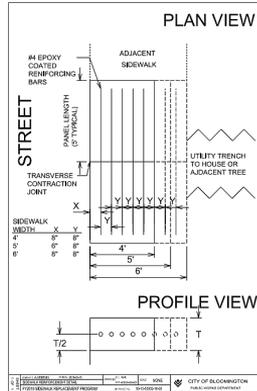
SIDEWALK SAW CUTTING (GRINDING)

What is sidewalk saw cutting?

- Shaves off top of sidewalk panel to match the adjoining panel
- Eliminates vertical displacement from ground settlement, tree roots, and other causes
- May include cutting along a cracked panel
- Costs roughly half the amount or less compared to panel replacement
- Typically used for displacements of one inch or less



ENGINEERING'S RESPONSE TO PUBLIC SIDEWALK HEAVING FROM TREE ROOTS



This is a well-researched, proven method

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- ▶ **Trees**
[Urban design](#) | [Site](#) | [Selection](#) | [Nursery](#) | [Planting](#) | [Pruning](#) | [Health](#) | [Species](#) | [Roots](#) | [Structure](#) | [Wood](#) | [Storms](#) | [Arborists](#) | [Plan](#) | **See: Power lines**
- ▶ **Shrubs**
[Selection](#) | [Production](#) | [Maintenance](#) | [Species](#) | **See: Planting**
- ▶ **Groundcover**
[Selection](#) | [Production](#) | [Maintenance](#)
- ▶ **Palms**
- ▶ **PowerPoints**
- ▶ **Fact sheets**
- ▶ **Research papers**
- ▶ **Landscape designs**
- ▶ **Other resources**
- ▶ **Topic index**

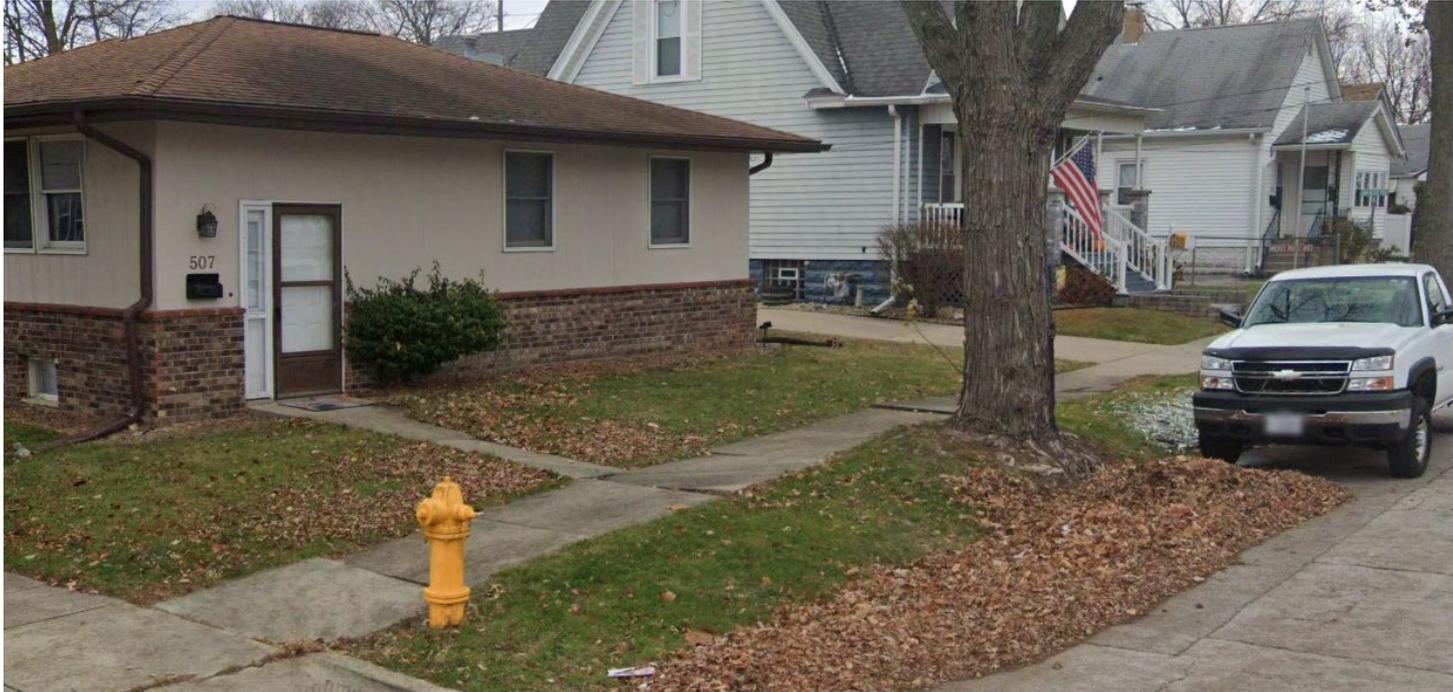
Reinforcing concrete to reduce cracking

Concrete walks that are reinforced with steel as in the photo can resist cracking from soil settlement, soil heaving and root expansion underneath. As roots grow under the slab they are less able to lift the slab because it is very heavy. If the slab weighs enough roots will deform instead of lifting the slab.

We do not yet know what weight is needed to deform the root instead of lifting the slab but Dr. Gرابosky from Rutgers University is working on that.



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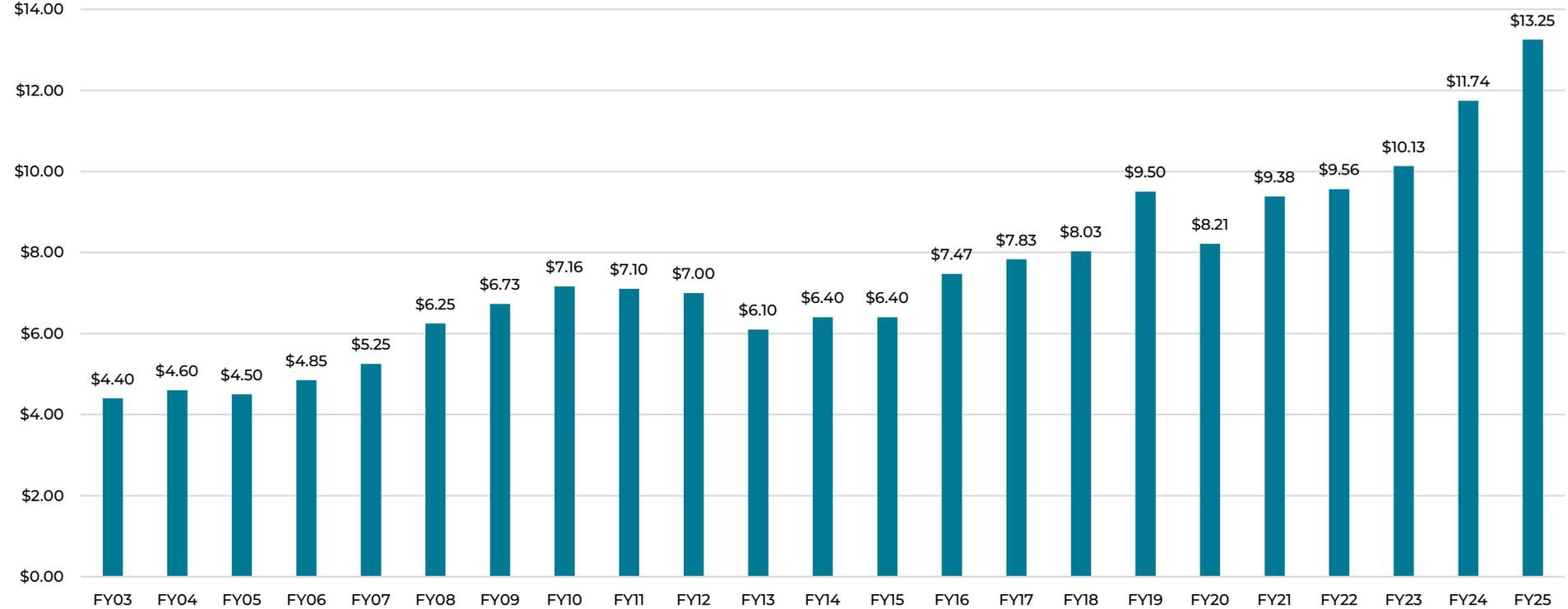


Miller at Mason: Sidewalk raised and reinforced over tree roots, fall 2023



Miller at Mason: Sidewalk raised and reinforced over tree roots, fall 2023

4-INCH SIDEWALK COST PER SQUARE FOOT FROM FY03 TO FY25



FY26 PROJECTED PROGRAM SCHEDULE



FY26 Street, Sidewalk, & Alley Maintenance

Spring / Summer 2025



FY25 CDBG Sidewalk

Spring / Summer 2025



FY26 Resurfacing

Summer / Fall 2025



FY26 Reclamite

Summer 2025



FY26 PressurePave

Summer 2025



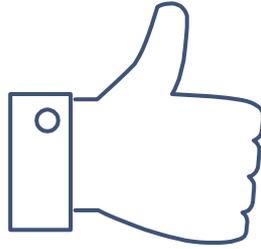
FY26 Sidewalk

Spring 2025



FY26 Sidewalk Grinding

Fall 2025 / Spring 2026



THANKS!

Any questions?

Jim Karch, P.E.

Director of Engineering

More Info: www.bloomingtonstreets.com