

2019 Pavement Outlook

All bids have been opened and contracts are in award pipeline

- Projected 3% over allocated funding for contracts
- 9% over Engineer's Estimates

Resources to maintain approximately 280 miles by

1. Conservative budgeting and planning
2. Shifting some striping functions in-house
3. Modifying projects when needed

Awarded	Concrete and ADA Ramps # 1 (Sealing Prep)
Awarded	Concrete and ADA Ramps # 2 (Sealing Prep)
Awarded	Asphalt Concrete Remove Replace (Sealing Prep)
Awarded	Arterial Resurfacing # 1
Awarded	Arterial Resurfacing # 2
14-May	Local Concrete and ADA Ramps (Sealing Prep)
14-May	Local Streets Rubberized Slurry Seal
21-May	Major Streets Street Sealing
4-Jun	Local Streets Microsurfacing
4-Jun	Local Streets Resurfacing (South)
11-Jun	Local Streets Resurfacing (North)

Unit Cost Trends

Bid Items	Average Unit Bid Price Per Ton				Bid Increase Percent	
	2016	2017	2018	2019	2016-2018	2018-2019
Sealing	\$240	\$237	\$235	\$391	-2%	66%
Hot Mix Asphalt	\$97	\$87	\$110	\$121	13%	10%
Rubberized Hot Mix Asphalt	\$109	\$118	\$132	\$155	21%	17%

Sealing cost increase drivers (2018-2019):

- Prevailing Wage: + 34%
- Oil Price Index: + 20%
- Markings/Striping: + 66% (176% since 2016)

Rubberized Emulsion Aggregate Slurry (REAS)

Longevity

- Higher amount of asphalt emulsion can lead to longer service life

Sustainability

- **308** tires will be recycled per mile

Convenience

- No fumes from on-site mixing operation, no staging area needed, and minimal dust

	REAS	Microsurfacing
2019 Avg. Bid Price	\$4.50/SY or \$1,071/TON	\$4.07/SY or \$391/TON
Area Coverage	238 SY/TON or 0.014 Mile/TON	96 SY/TON or 0.005 Mile/TON
Cost Per Mile	\$79,200	\$71,844