



**COLORADO**  
Department of  
Transportation



Efficiency and Accountability Committee – September, 2017

# Surface Treatment Limit Statute

## Current Bidding Requirements for Construction Projects

### **Construction projects by everyone other than CDOT:**

Projects less than \$500,000 → No public bid required

***Projects more than \$500,000 → Need public bids, agency can also bid***

### **CDOT's construction projects:**

Projects less than \$50,000 → No public bid required

Projects more than \$50,000 but less than \$150,000 → No public bid required, but need Transportation Commission approval

***Projects more than \$150,000 → Need public bids, CDOT can also bid***

# Surface Treatment Limit Statute

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- CRS 24-92-109: requires government agencies to open construction projects for public bidding if the construction project is considered a “public project,” which is defined by the estimated cost.
- (8)(a) “Public project” means any construction, alteration, repair, demolition, or improvement of any land, building, structure, facility, road, highway, bridge, or other public improvement suitable for and intended for use in the promotion of the public health, welfare, or safety and any maintenance programs for the upkeep of such projects.
- (c) “Public project” does not include any project under the supervision of the department of transportation for which appropriation or expenditure of funds may be reasonably expected not to exceed one hundred fifty thousand dollars in the aggregate of any fiscal year.
- For CDOT projects estimated up to \$150,000 – the TC shall review and approve

# When is Public Bidding on a Construction Project Required?

## Statutory History-

<b>Year of Statutory Change</b>	<b>CDOT</b>	<b>Everyone Else</b>
1981	If more than \$50,000	If more than \$50,000
1998	<b>If more than \$150,000</b>	<b>If more than \$50,000</b>
2001	If more than \$150,000	If more than \$150,000
2010	<b>If more than \$150,000</b>	<b>If more than \$500,000</b>

# What does \$150K of work equate too?

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¼ mile of 1.5" HMA.

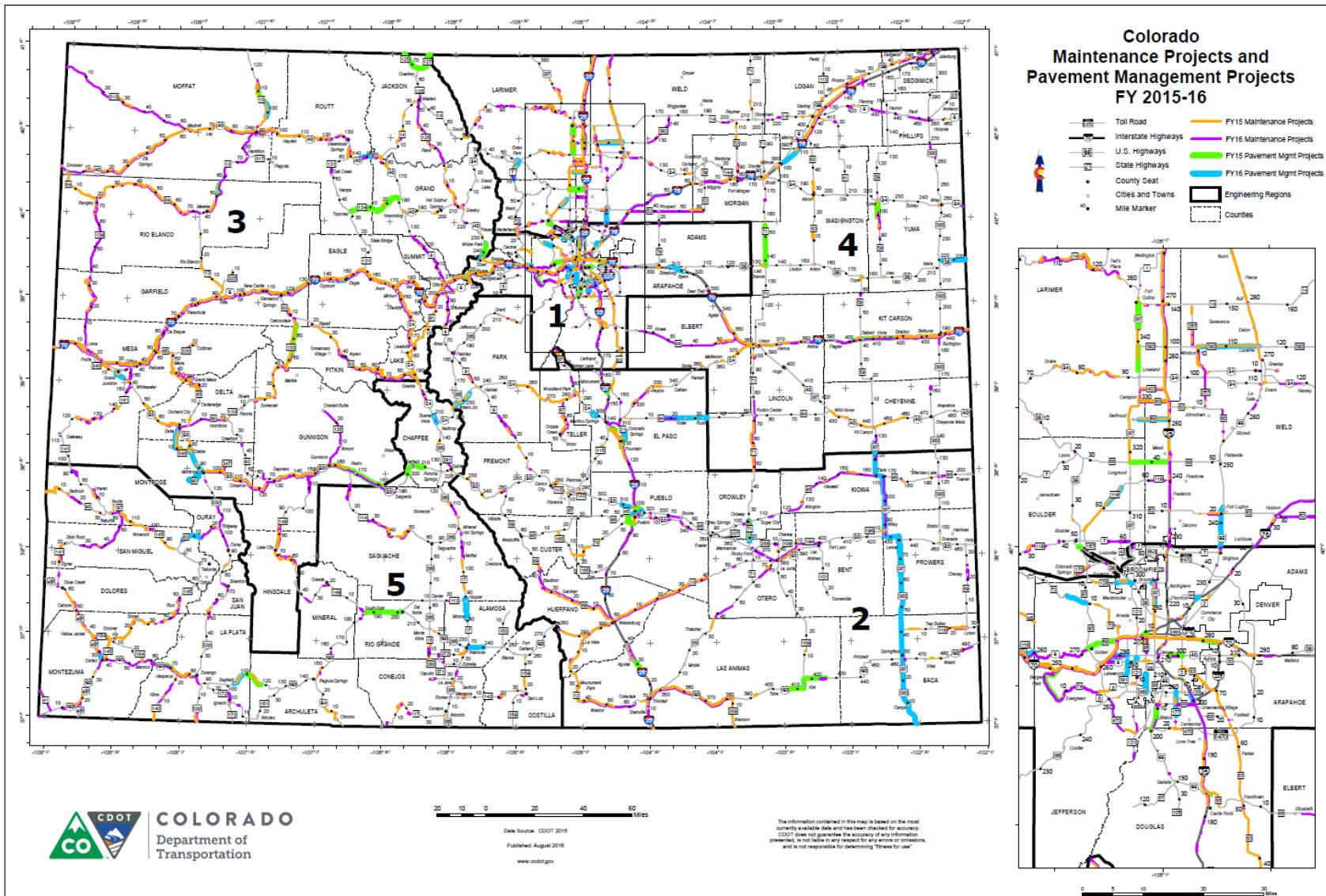
4.5 miles of chip seal.

CDOT's buying power has decreased over the years due to inflationary impact on the cost of materials. Some examples are:

In 1981, Asphalt costs were \$X per ton that would allow CDOT to pave a 24Ft wide roadway for X miles.

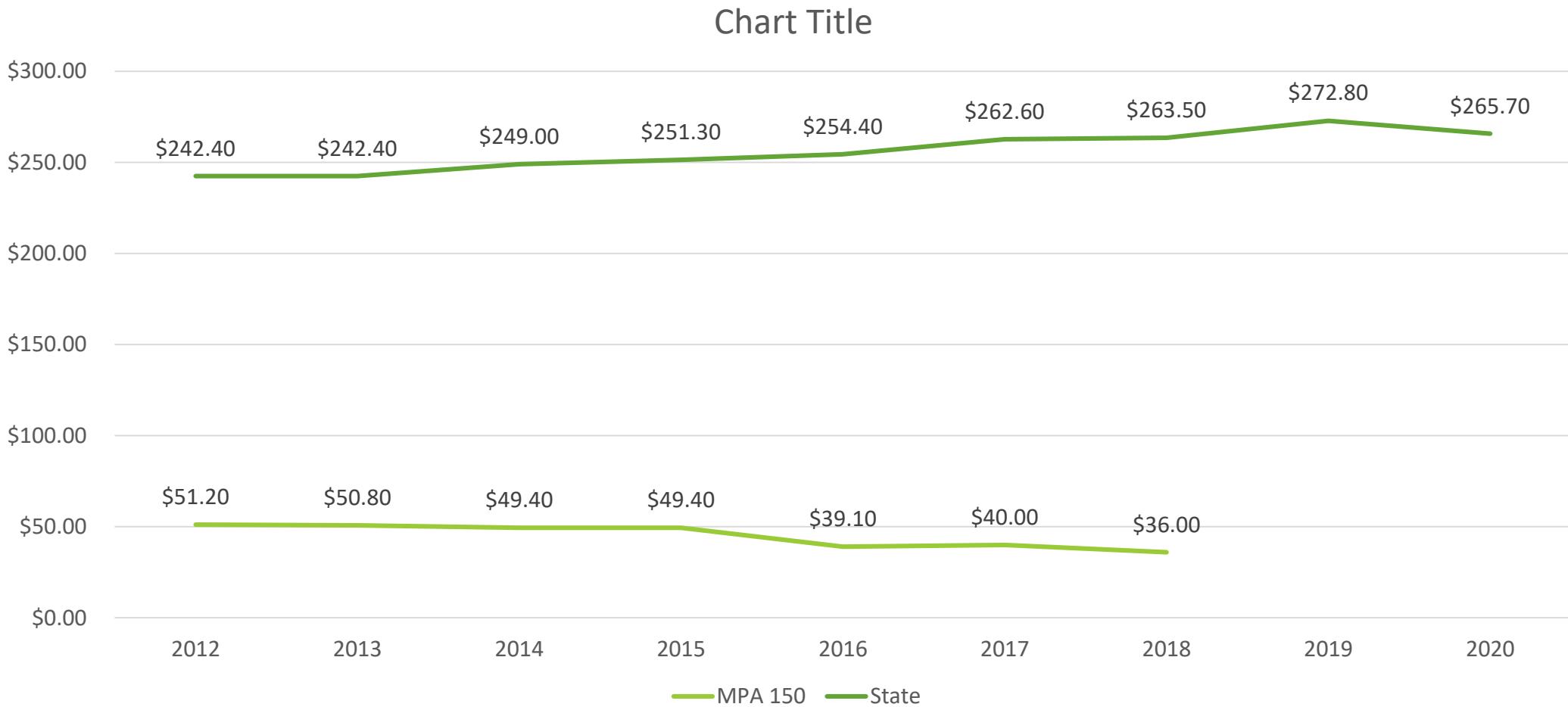
In 2017, Asphalt costs were \$X per ton that would allow CDOT to pave a 24Ft wide roadway for X miles.

## Maintenance and Engineering Resurfacing Completed Projects FY15 and FY16





# MLOS Budget and Roadway Surface Budget



# Maintenance Levels of Service Budget

2012	2013	2014	2015	2016	2017	2018	2019	2020
\$243.0	\$242.0	\$249.0	\$251.0	\$254.0	\$262.6	\$263.5	\$273.0	\$266.0

Metric Description: Statewide Letter Grade

Current Performance: B-

Fiscally Constrained Target: B-

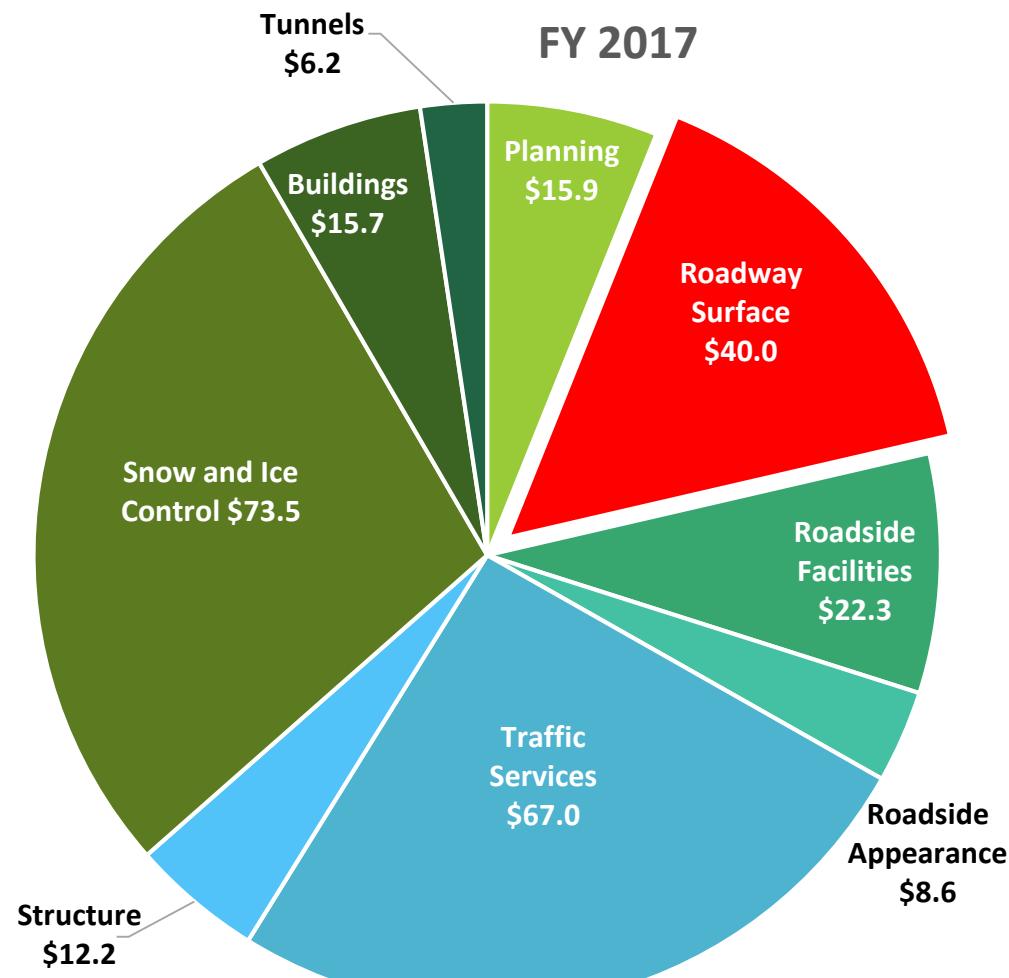
# MLOS Budget FY17

## Maintenance Roadway Surface Objectives:

To extend the life of the roadway surface by repairing damage and completing preventive maintenance activities, through collaborative planning

## Maintenance Program Areas

- 100-Planning and Scheduling
- **150-Roadway Surface**
- 200-Roadside Facilities
- 250-Roadside Appearance
- 300-Traffic Services
- 350-Structure Maintenance
- 400-Snow and Ice Control
- 450-Material, Equipment and Buildings
- 500-Tunnels



# Roadway Maintenance Activities

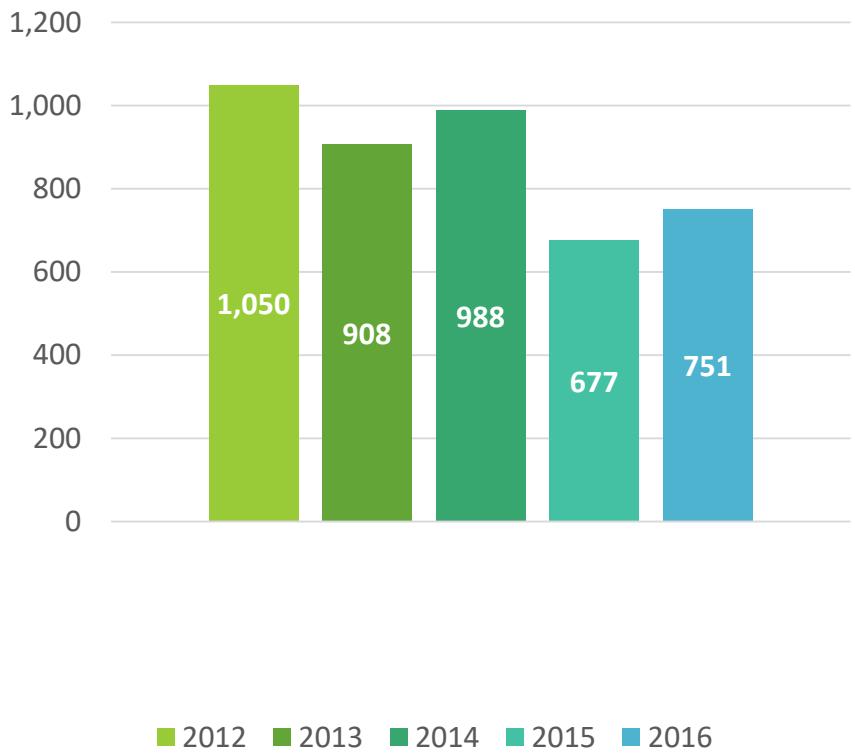
Activities
Asphalt Minor Repairs
Concrete Minor Repairs
Machine Overlay (Paving)
Asphalt Crack Sealing
Concrete Crack Sealing
Asphalt Rotomilling
Concrete Rotomilling
Seal Coating (Chip Seal)
Fog Coating
Blading Shoulders
Restoring Shoulders
Base Stabilization/Repairs



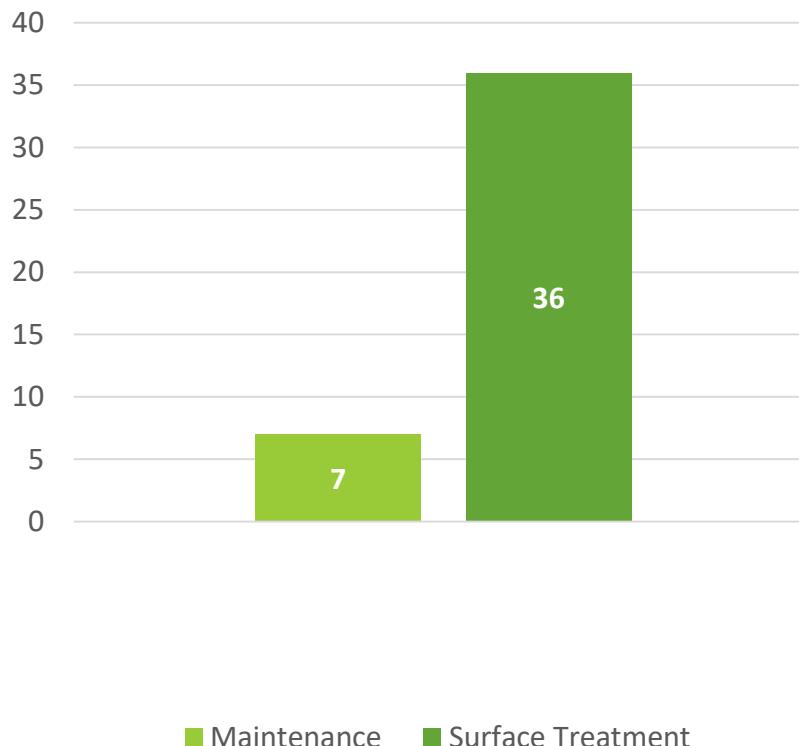


# Maintenance Resurfacing

Crack Seal, Chip Seal or Paving  
Miles



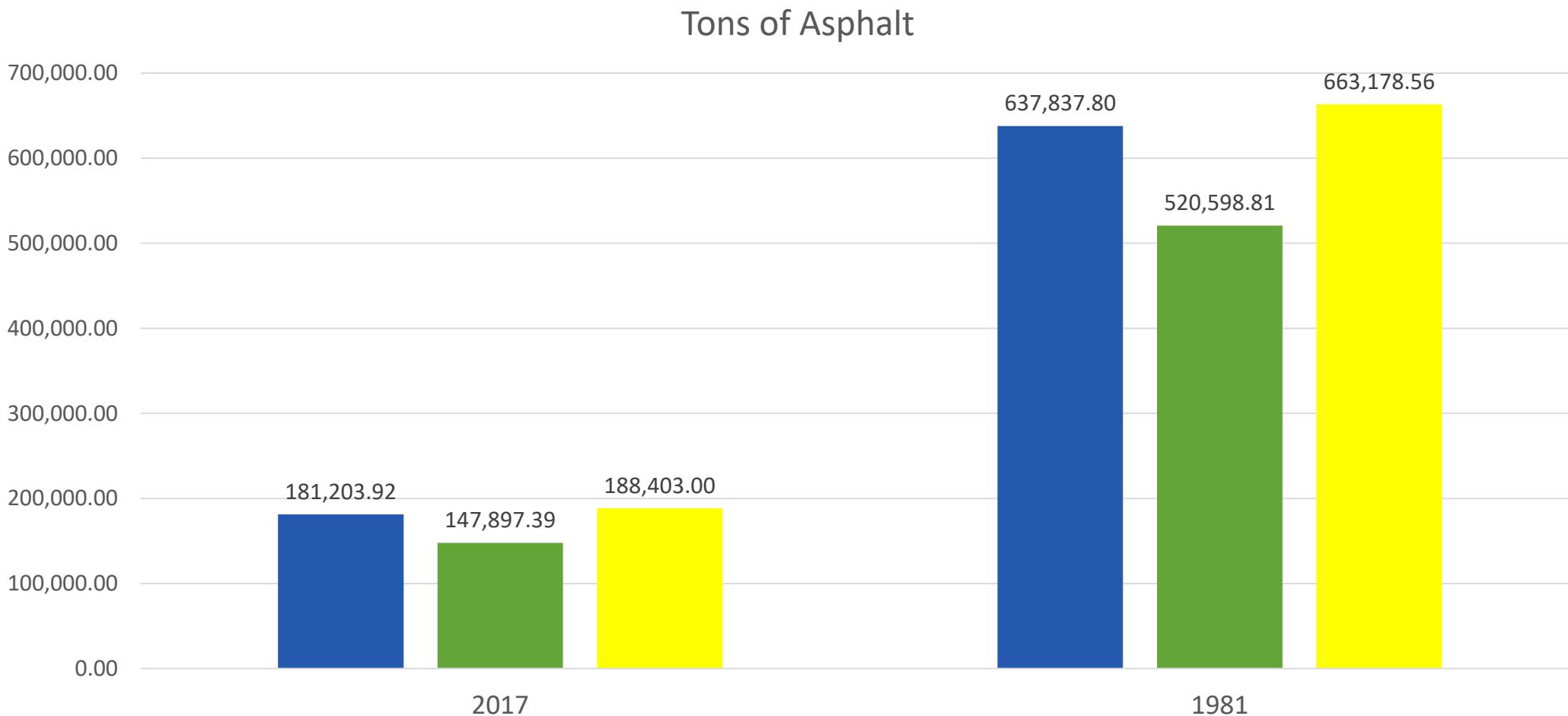
Response Time in Months



# Asphalt Overlays



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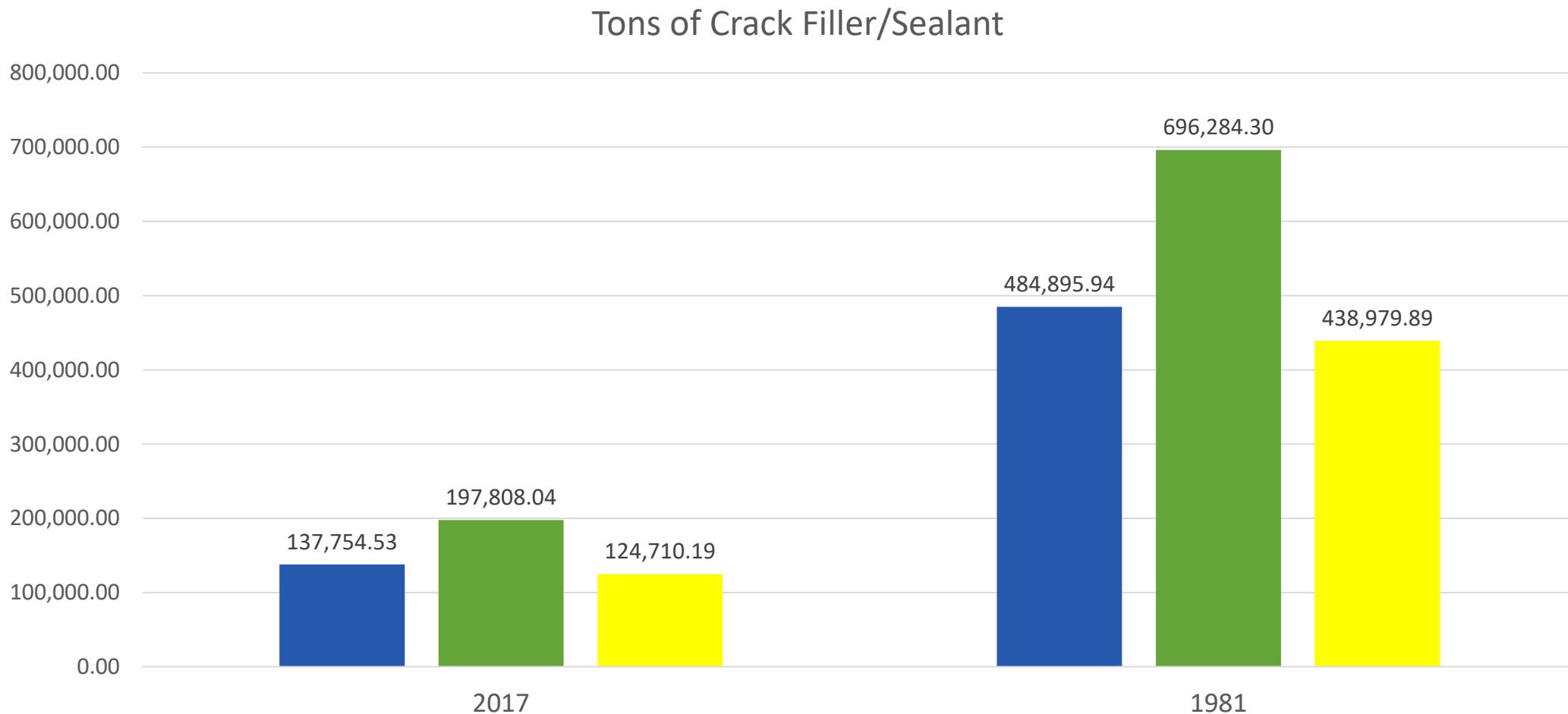


Blue – HMA - tons

Green – crack sealing - gallons

Yellow – chip seals ( square yards)

# Crack Sealing

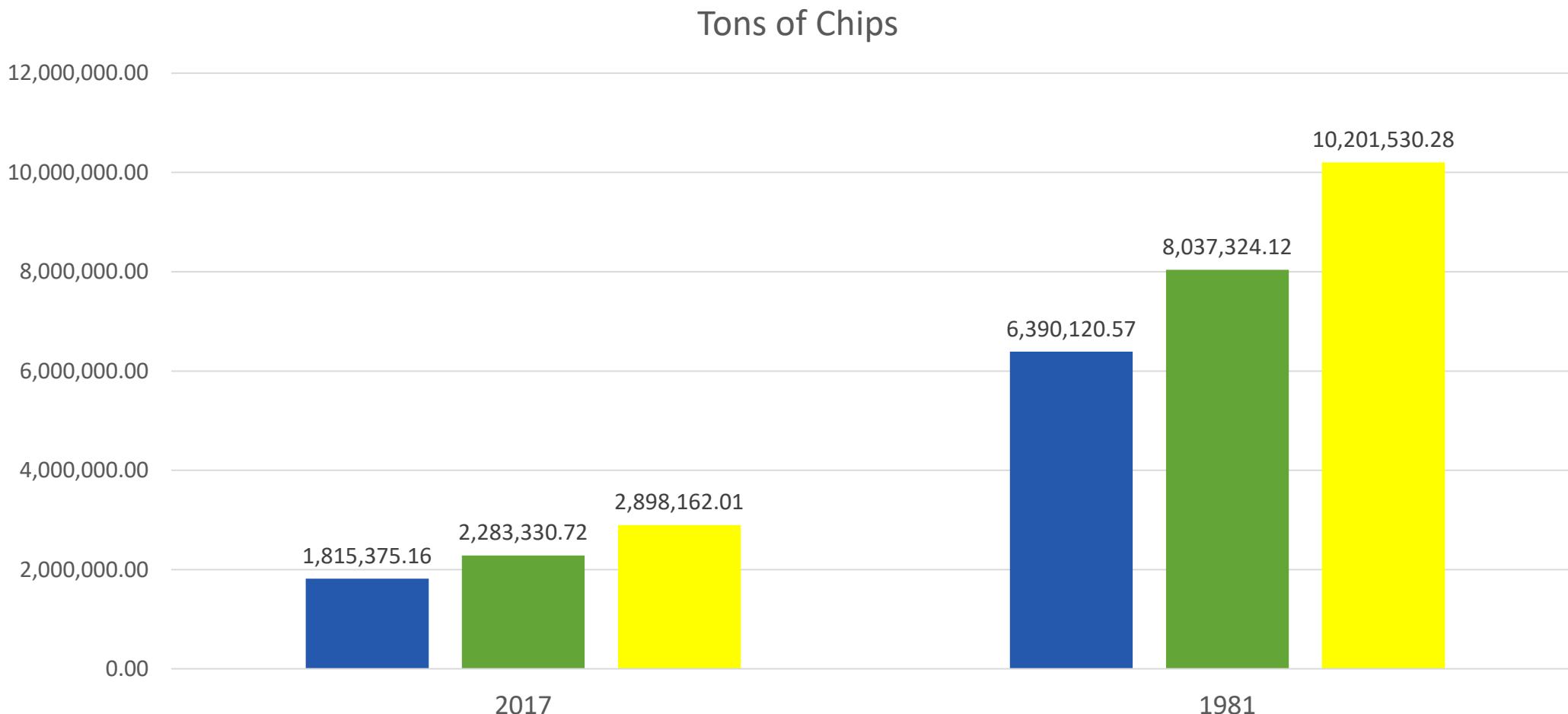


Blue – HMA - tons

Green – crack sealing - gallons

Yellow – chip seals ( square yards)

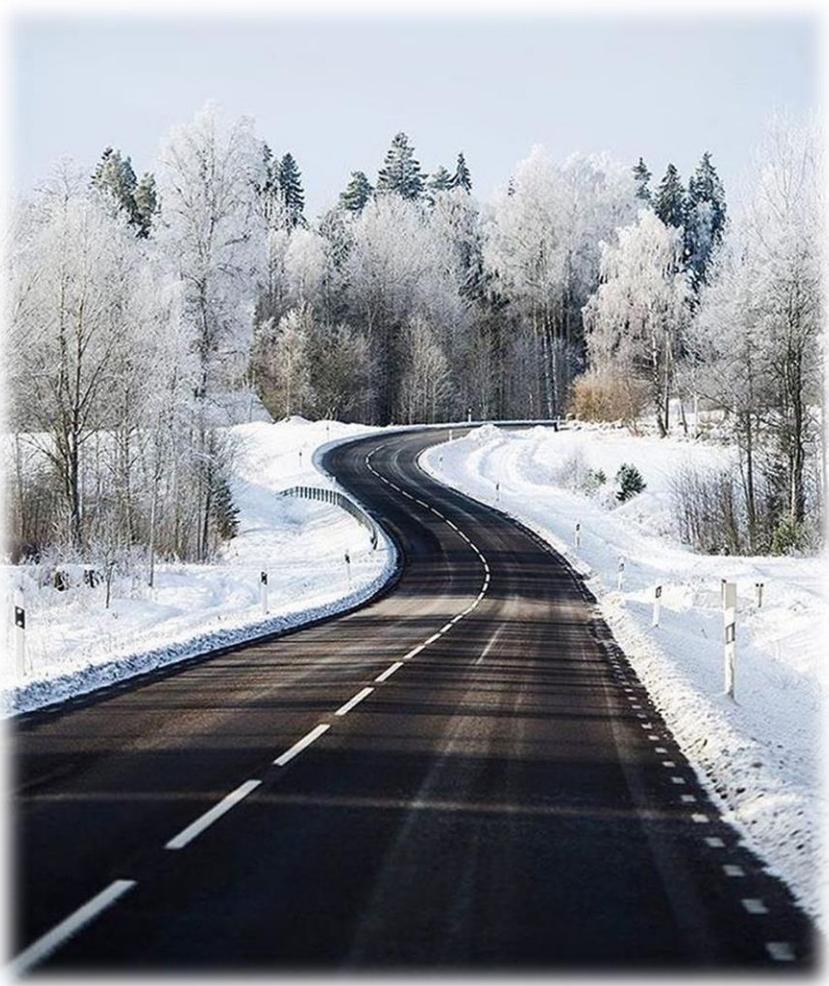
# Chip Seals



Blue – HMA - tons

Green – crack sealing - gallons

Yellow – chip seals ( square yards)



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# Questions?