

LS

# Curb Replacement Funding Options

Discussion of Potential 2019 Bond Issue  
Options for Curb Replacement

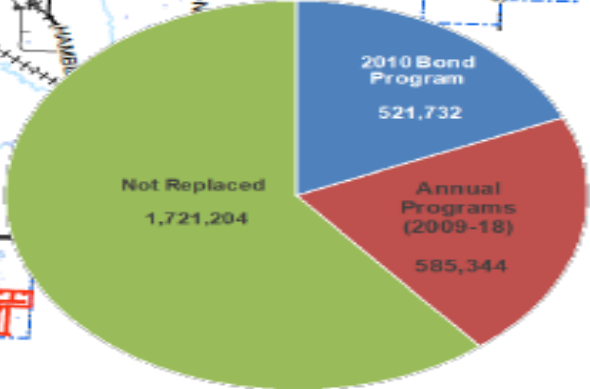
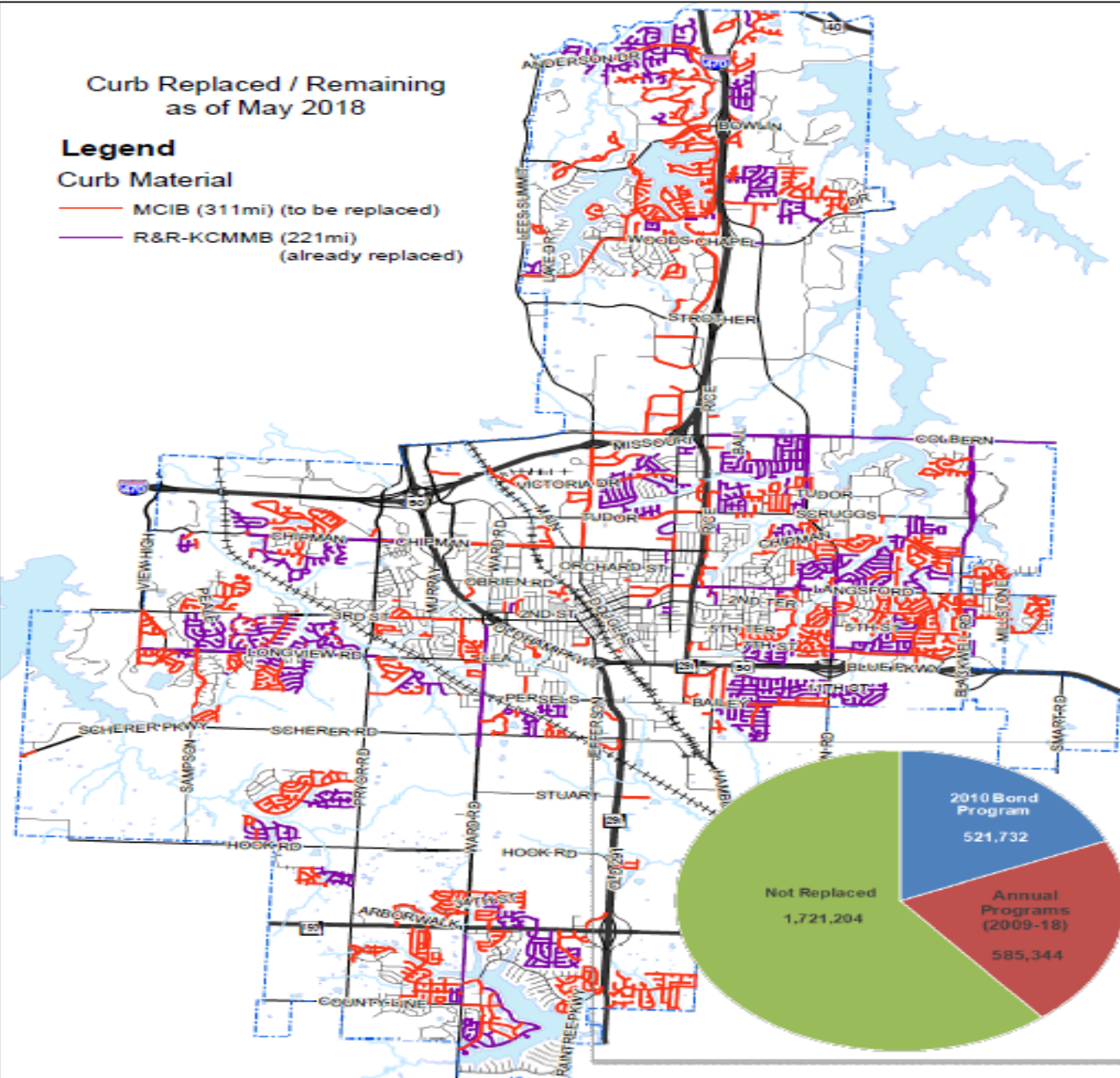
May 14, 2019

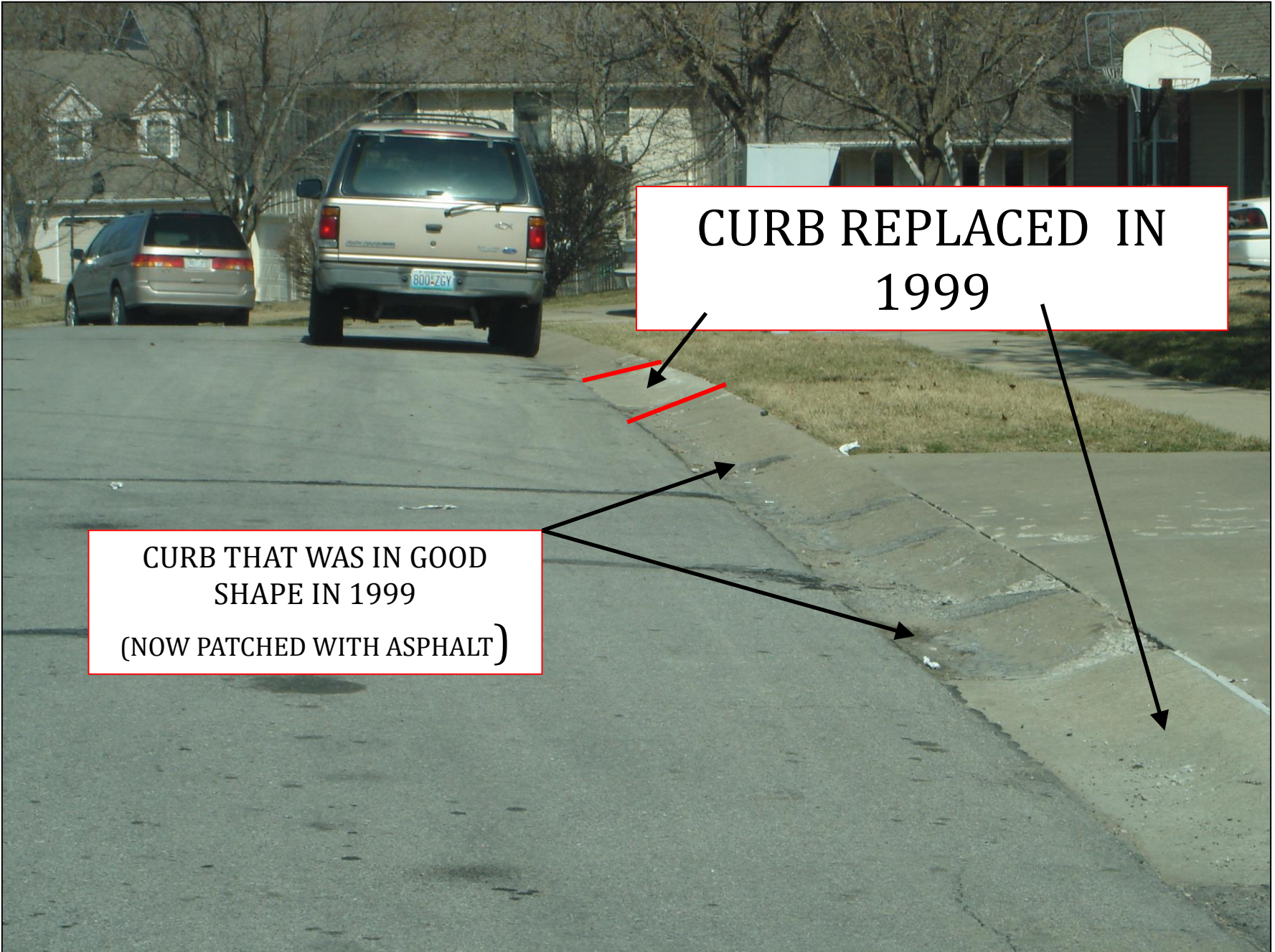
## Curb Replaced / Remaining as of May 2018

### Legend

#### Curb Material

- MCIB (311mi) (to be replaced)
- R&R-KCMMB (221mi)  
(already replaced)





**CURB REPLACED IN  
1999**

**CURB THAT WAS IN GOOD  
SHAPE IN 1999  
(NOW PATCHED WITH ASPHALT)**

# Curb Replacement Programs

## ◦ Reactive:

- PW Ops Service Requests for small sections
- Typically movement or physical damage to curb
- \$180,000 budget in FY19 annual operating budget

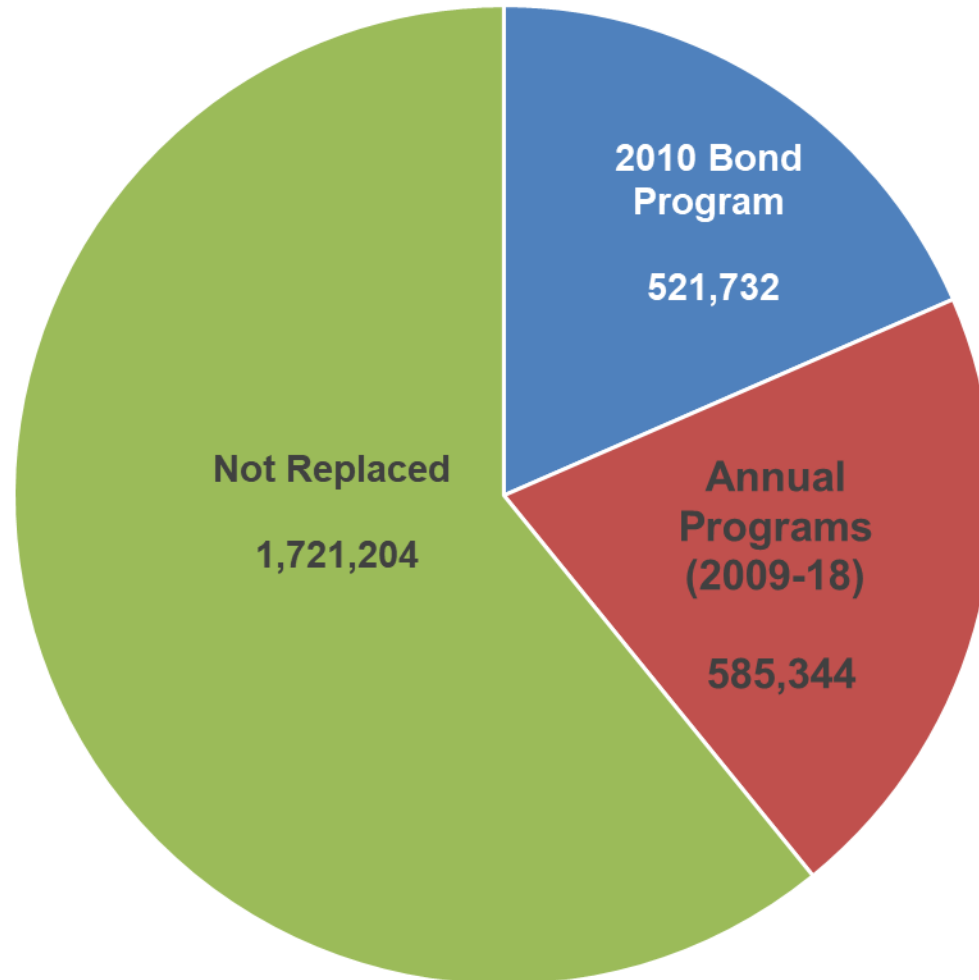
## ◦ Proactive:

- Replace large sections
- Expected to fail due to material defects
- Annual Program: \$1.5 M per year
- Coordinated with pavement overlay
- All work must install ADA compliant curb ramps

# Material Defect Estimate

- o Estimate 535 miles total to be replaced
- o Annual Programs 2009-18: 110 miles
  - o Avg. 10-12 miles per year at \$1.5M per year
- o 2010 Bond: 111 miles in 3 years (\$12.3M)
  - o Curb: \$9.85M Sidewalk: \$2.5M
- o 324 Miles Remaining
  - o 27 to 32 years with current annual funding
  - o Curb replacement constrained to overlay work

# Material Defect Issues



# Bond Issue Acceleration

- o \$10M replaces about 75 miles
  - o Equals about 6 to 8 annual programs
  - o Reduces replacement time to 20 to 25 years
- o \$5M replaces about 37 miles
  - o Equals about 3 to 4 annual programs
  - o Reduces replacement time to 24 to 29 years
- o Allows to work ahead of overlay: worst first