



**City of Topeka  
Public Infrastructure Committee  
September 08, 2020**

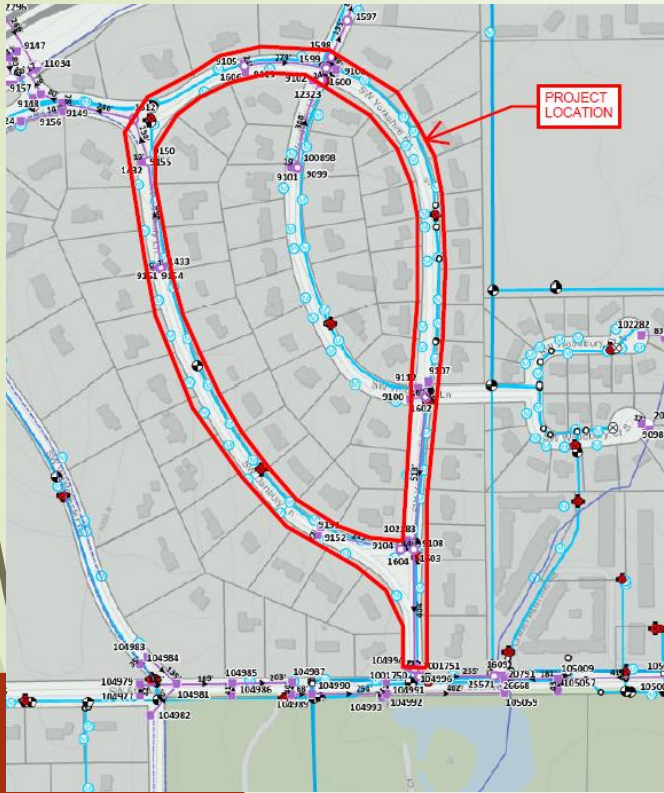
**2021 – Design Critical (City Wide ½ Cent Sales Tax)  
2021 – City Wide Projects in Work  
2021 – City Wide Programs**



## 2021 Projects - Design Critical

- **Prospect Hills** – SW Danbury Lane and SW Yorkshire Road (project with Water) – RFP in work
- **Central Highland Park Neighborhood** – based on pavement heat map (multi-year project)
- **Hi-Crest Neighborhood** – based on pavement heat map (multi-year project)
- **3 alleys in NOTO** – Project 841075.00
  - Between Quincy and Kansas from St. John to Paramore
  - Between Kansas and Jackson from Norris to Laurent
  - Between Kansas and Jackson from Laurent to Gordon
- **SW 17<sup>th</sup> between I470 and Wanamaker** – not part of County wide program (2023-2025). The concrete pavement in this section is experiencing accelerated failures.
- **SW 29<sup>th</sup> between Fairlawn and Burlingame** - Failed partial depth patch replacement
- **Surface Preservation Program for 2021** – Project 841059.00
  - Crack seal and/or joint seal 'arterials' constructed in last 10 years across Topeka – likely no micro-surfacing on these road.
  - Crack seal/micro-surface residential/collectors roadways in Central Topeka that are identified based on PCI values.

# 2021 Projects – Design Critical



Prospect Hills  
Yorkshire/Danbury



Central Highland  
Park



Hi-Crest

# 2021 Projects - Design Critical



NOTO Alleys



SW 17<sup>th</sup> – I470 to  
Wanamaker



SW 29<sup>th</sup> – Patch  
Failures

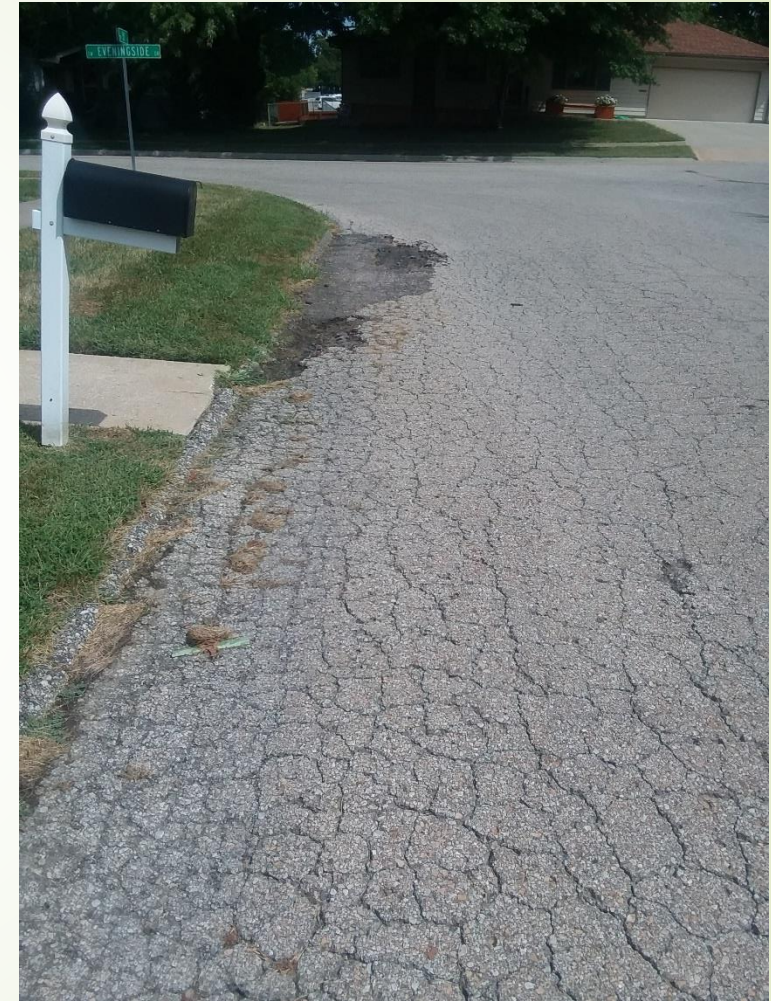
## 2021 Projects - Design Critical

- **ADA Sidewalk Ramp Program** – continuation of ongoing replacement. North Topeka West, Downtown/Monroe, and Topeka Blvd corridor are currently shown for 2021/2022. Once a final determination is made, design will start. Project 241061.00
- **SW 30<sup>th</sup>/SW Hillcrest/SW Twilight Dr./SW Eveningside Drive** – remove asphalt curb, install concrete curb & mill/overlay
- **SW 29<sup>th</sup> and Kansas Ave** – intersection pavement reconstruction
- **SW Gage** between Emland and 6<sup>th</sup> – design in 2021 with construction in 2022. Lanes were repaired in 2019 – this will be a more extension repair and mill/overlay. Project 601100.00
- **Curb and Gutter Program** – Project 841073.00
- **SW Wanamaker/SW Huntoon/470 Ramps**

# 2021 Projects - Design Critical



SW 29<sup>th</sup>/Kansas Ave  
Intersection



SW 30<sup>th</sup> – Asphalt Curb

## 2021 Projects - In Work

### **The Four Components of Our Pavement Management Program:**

- Surface Preservation
- Major Rehabilitation (Mill/Overlay)
- Reconstruction
- Stop Gap Measures

### **Surface Preservation**

- Surface Preservation Program – starting in 2021, funded by citywide ½ cent. Project 841059.00
  - 2018 – Central Topeka
  - 2019 – East Topeka
  - 2020 – West Topeka
  - 2021:
    - Crack seal and/or joint seal ‘arterials’ constructed in last 10 years+/- across Topeka – little to no micro-surfacing on these road.
    - Crack seal/micro-surface residential/collectors roadways in Central Topeka that are identified based on PCI values.

## 2021 Projects - In Work

### Major Rehabilitation (mill/overlay)

- **SE 37<sup>th</sup>** between Indiana and California - possible late 2020
- **S Topeka Blvd** between 45<sup>th</sup> and 49<sup>th</sup> – possible late 2020
- **SE Deer Creek Parkway** between 6<sup>th</sup> and 10<sup>th</sup> – Spring 2021
- **Central Highland Park Neighborhood** – based on pavement heat map (multi-year project)
- **Hi-Crest Neighborhood** – based on pavement heat map (multi-year project)
- **SW 30<sup>th</sup>/SW Hillcrest/SW Twilight Dr/SW Eveningside Drive** – remove asphalt curb, install concrete curb & mill/overlay
- **SW Gage** between Emland and 6<sup>th</sup> – design in 2021 with construction in 2022. Lanes were repaired in 2019 – this will be a more extension repair and mill/overlay. Project 601100.00
- **S. Topeka Blvd** 21<sup>st</sup> to 29<sup>th</sup> **(CIB)** Design in 2023 Construction 2024. Project 701031.00
- **SE Quincy** between 6<sup>th</sup> to 8<sup>th</sup> was programmed in the 2020 CIP but due to water line improvements, project was pushed to 2021



# 2021 Projects - In Work

## Reconstruction

- **N Kansas Ave** (Morse to Soldier Creek) – continuation of a 2020 project
- **SW 10<sup>th</sup>** (Fairlawn to Wanamaker) – continuation of a 2020 project
- **Prospect Hills** – SW Danbury Lane and SW Yorkshire Road (*project with Water*)
- **SE California** between 6<sup>th</sup> and 10<sup>th</sup> (*project with Storm*)
- **SE 6<sup>th</sup> and Golden** – intersection pavement reconstruction
- **SW 6<sup>th</sup> and Jackson** – intersection pavement reconstruction (fixing continued settlement)
- **SW 29<sup>th</sup> and Kansas Ave** – intersection pavement reconstruction
- **SW 17<sup>th</sup>** between I-470 and Wanamaker (not part of Countywide scheduled for 2023-2025). Road is experiencing accelerated failure of concrete pavement.
- **NW Furman Road** – Lower Silver Lake northward
- **NW Tyler** (Lyman to Beverly) – design continuing: ½ city wide paying a portion of the project. Construction starts in 2022 – project details contained in the CIP
- **SW 29<sup>th</sup>** from Topeka Blvd to Burlingame (**CIB**) initial design scheduled to start in 2023 with no construction until 2025 – Project 701032.00 contained in the CIP
- **SW Fairlawn Road** between 23<sup>rd</sup> and 28<sup>th</sup> (**CIB**) design in 2023 but construction in 2025. Looking to accelerate design as WPC storm improvements need replacement sooner. Project 701040.00 contained in the CIP

## 2021 Projects - In Work

### Stop Gap

- Panel and joint replacement – SE 6<sup>th</sup> between Golden and Rice Road (multiple years)
- Failed partial depth patch replacement – SW 29<sup>th</sup> between Fairlawn and Burlingame
- Localized curb and sidewalk replacement at SW corner of 8<sup>th</sup> and Jackson

### Comments

- SW 8<sup>th</sup> from Jackson to Harrison – north side of the Capital would enhance the area.
- Hold % in reserve for unplanned/unanticipated needs.
- There can be significant lead time needed for larger projects, Design in Year 1, Utility Relocation/ROW in Year 2 with Construction in Year 3. Compressing schedules into a 2-year window can create challenges.
- End of year (just prior to asphalt plants shutting down) we've done several smaller projects under \$50k (example – 4' mill/overlay of failing pavement on SW 29<sup>th</sup> between Arrowhead to Wanamaker). This was not on our radar screen 12 to 18 months in advance. Would like to be able to continue using citywide sales tax for these type of projects as needed.

# 2021 Programs

## Programs (Parent Projects)

- **ADA Sidewalk Ramp Program** – continuation of ongoing replacement. *North Topeka West, Downtown/Monroe, and Topeka Blvd corridor are currently shown for 2021/2022. Once a final determination is made, design will start.* (\$300K/Year) – Project 241061.00 funded in the CIP
- **Sidewalk Repair Program** (50/50 program) – process change starting in 2021. (\$100K/Year) – Project 241062.00 funded in the CIP
- **Alley Replacement Program** (\$500K/Year) – Project 841075.00 funded in the CIP
  - 2021 - 3 alleys in NOTO
  - 2022/2023+ – Alley prioritization plan in development
- **Curb and Gutter Replacement Program** (\$1.25M/Year) – Project 841073.00 funded in the CIP
  - Individual locations based on oldest complaint
  - Areas – based on heat map showing multiple service requests in an area
  - Associated with street projects
- **Pavement Management Program** (\$8M) – Project 841074.00 funded in the CIP
- **Surface Preservation Program** (\$2M/Year) - Project 841059.00 funded in the CIP