

**ENGINEERING SERVICES**

**CAPITAL PROJECT STATUS  
REPORT & FEATURE PROJECT**

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CITY COUNCIL STUDY SESSION  
APRIL 26, 2021**

Public Works Department

Engineering Services • Airport Services • Maintenance & Operations Services

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AUBURN  
VALUES

S E R V I C E  
E N V I R O N M E N T  
E C O N O M Y  
C H A R A C T E R  
S U S T A I N A B I L I T Y  
W E L L N E S S  
C E L E B R A T I O N

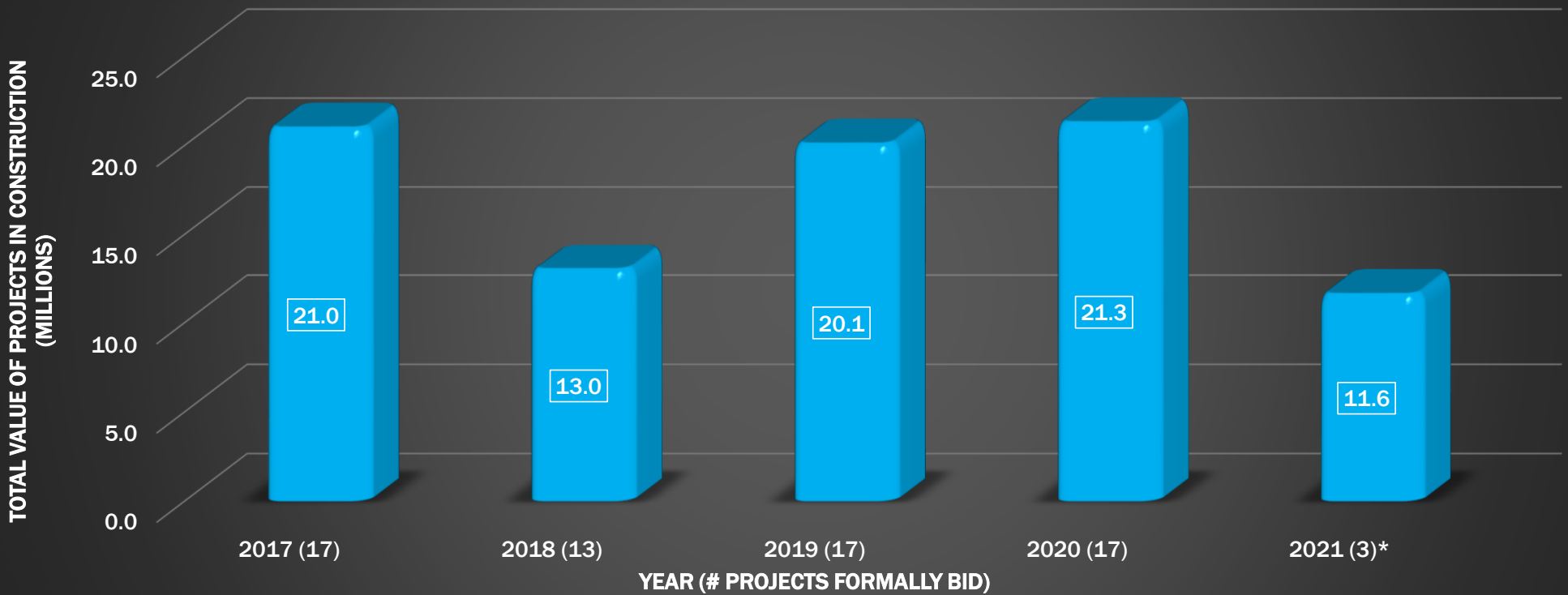
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# CAPITAL PROJECTS – CURRENT STATUS

**38 Active Capital Projects (Approximate total project value \$63 million)**

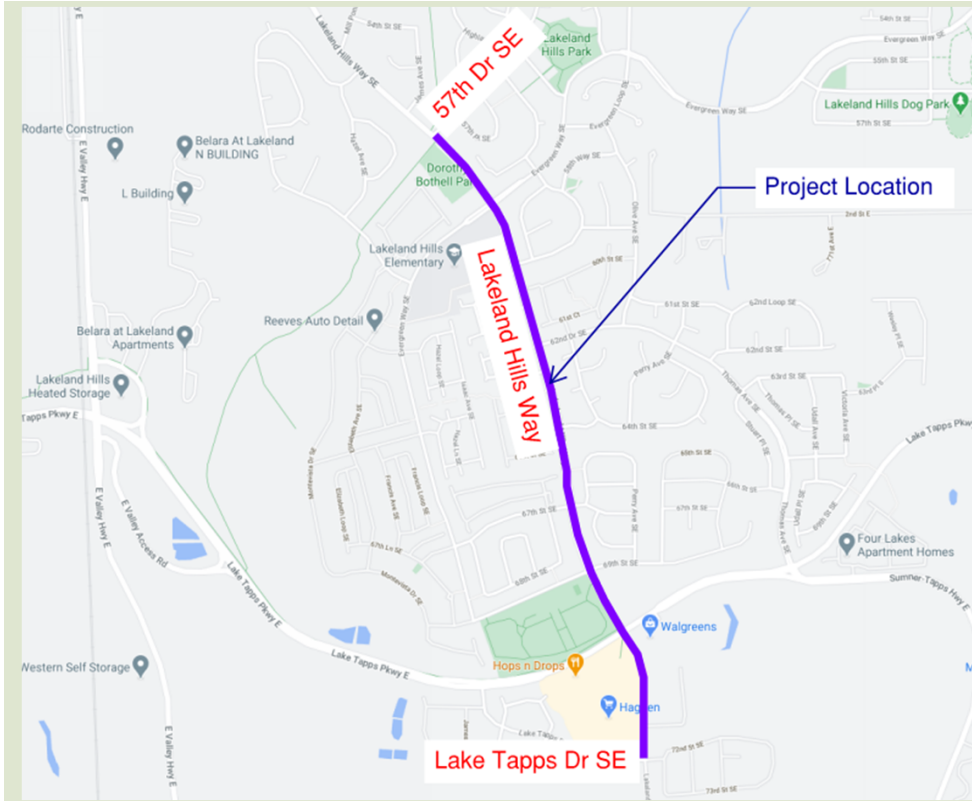
- **22 are in Design (Approximate total project value \$36 million)**
- **16 are in construction (Approximate total project value \$27 million)**

# CAPITAL PROJECTS – ADVERTISED FOR CONSTRUCTION



SERVICE • ENVIRONMENT • ECONOMY • CHARACTER • SUSTAINABILITY • WELLNESS • CELEBRATION

# CP2011 LAKELAND HILLS WAY PRESERVATION



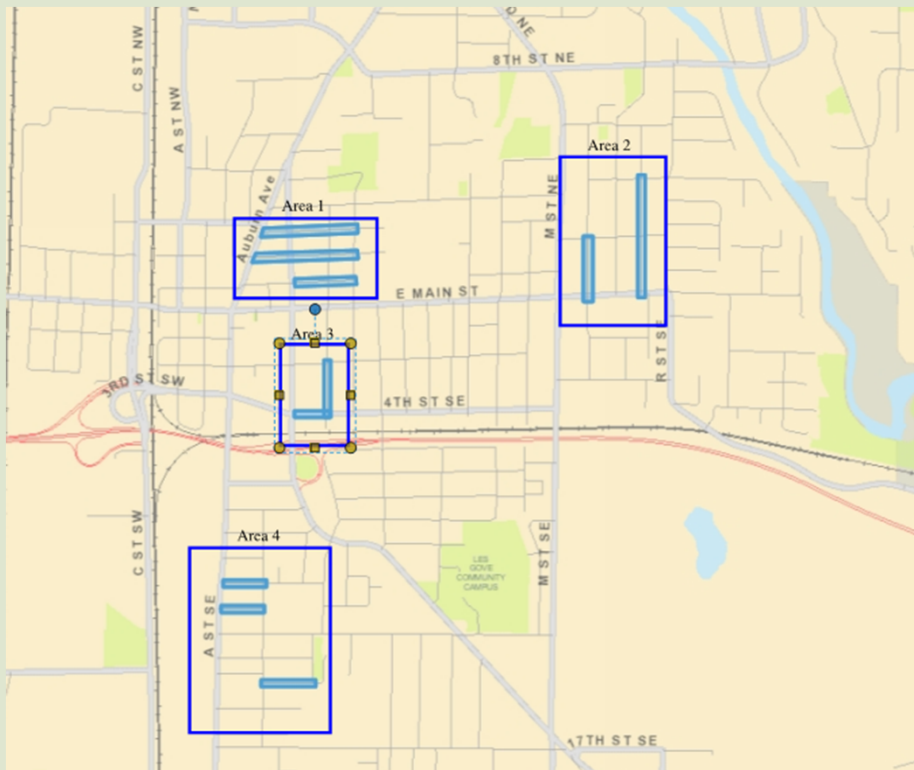
- Page 7 of 19 in CPS Report
- Contractor: ICON Materials
- Patch, Grind and Overlay Pavement
- Upgrade Curb Ramps
- Replace Vehicle Detection Loops
- Construction beginning May 2021



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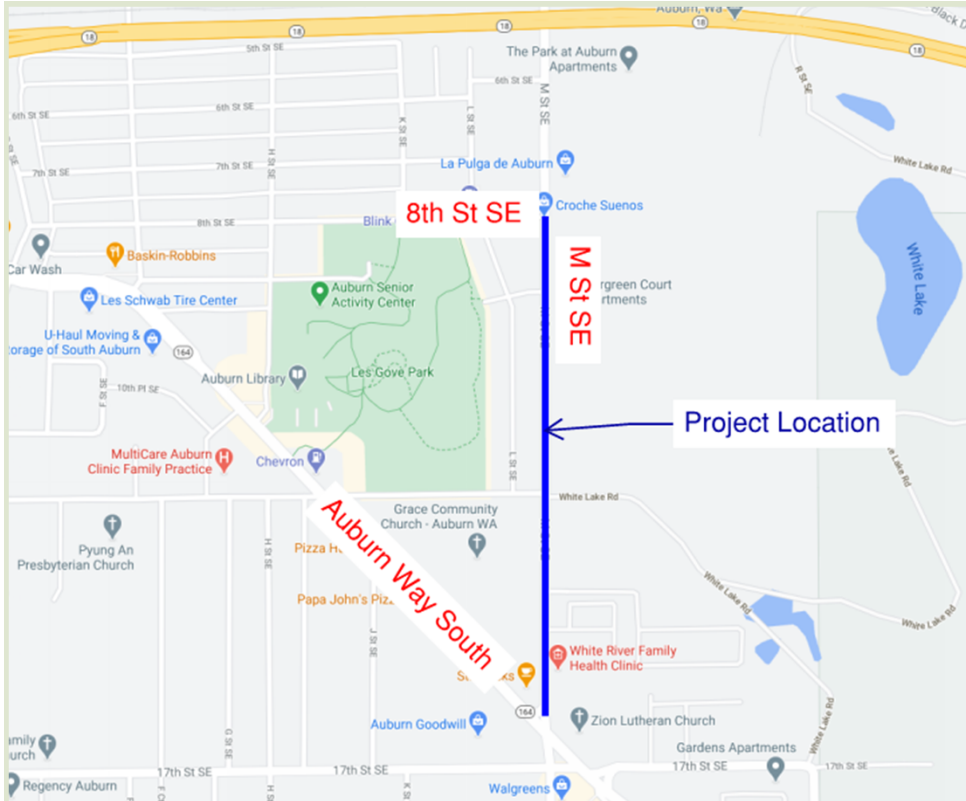


# CP1922 LEAD SERVICE LINE REPLACEMENTS



- Page 11 of 19 in CPS Report
- Replacing approx. 7,100 ft of Water Main and Services
- Reconstruct and/or Overlay Street Segments
- Upgrade Curb Ramps
- Sidewalk and Driveway Improvements as needed
- Construction beginning June 2021

# CP2012 M STREET SE SIDEWALK IMPROVEMENTS



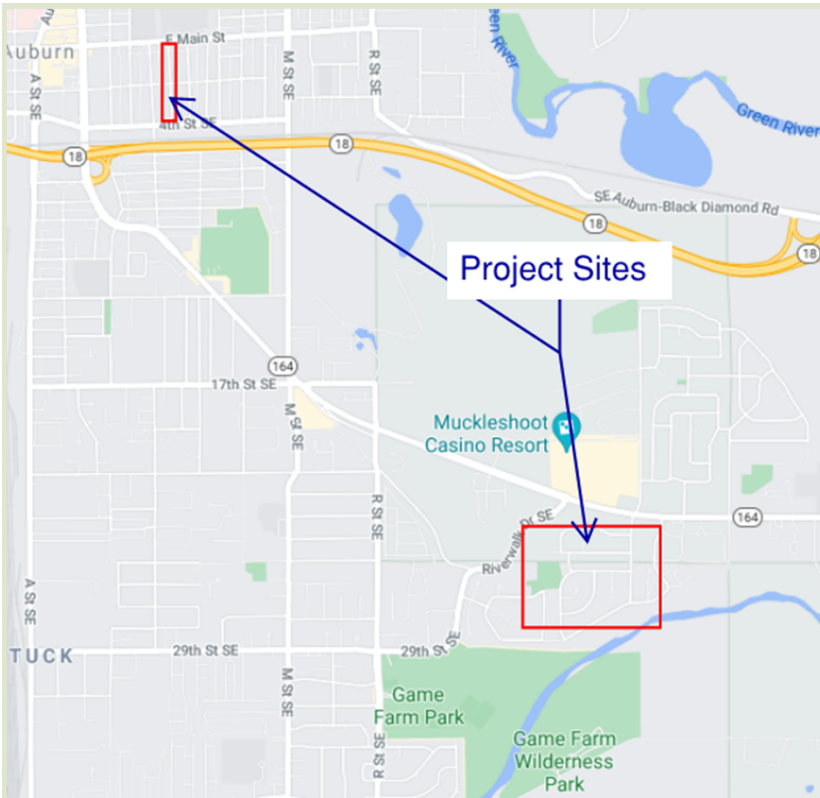
- Page 12 of 19 in CPS Report
- Construct Missing Sections of Sidewalk
- Upgrade Curb Ramps
- New Street Lighting
- Construction beginning June 2021



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# CP2019 2021 LOCAL STREET PRESERVATION



- Page 14 of 19 in CPS Report
- Contractor: Tucci and Sons
- G St SE – Full Rebuild
- Forest Ridge – Grind and Overlay
- Both Sites:
  - Upgrade Curb Ramps
  - Replacing Damaged Sidewalk
  - Water Utility Work
  - Some Storm/Sewer
  - Construction beginning May 2021

# FEATURE CAPITAL PROJECT:

## 2<sup>ND</sup> STREET SE PRESERVATION PROJECT

Public Works Department

Engineering Services • Airport Services • Maintenance & Operations Services

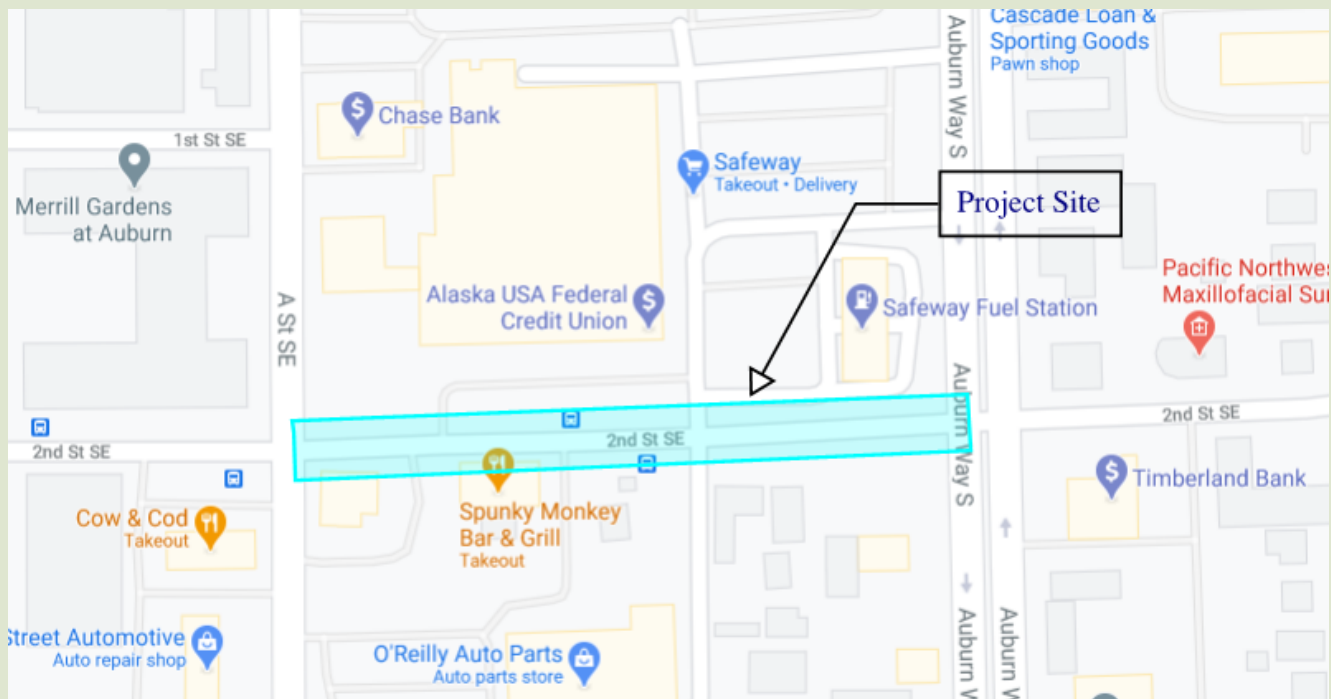
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AUBURN  
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S U S T A I N A B I L I T Y  
W E L L N E S S  
C E L E B R A T I O N

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# VICINITY MAP



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# PROJECT SCOPE/PURPOSE

- Reconstruct the Sewer main in 2<sup>nd</sup> St SE between B St SE and Auburn Way S.
- Remove barriers to access for pedestrians by installing curb ramps at B St SE
- Reconstruct 2<sup>nd</sup> Street SE between A St SE and Auburn Way S using Full Depth Reclamation construction methods.
- PSE Undergrounding of utility lines and elimination of poles.
- New lighting system along the northside of the corridor



2<sup>nd</sup> Street SE – Looking West

# EXISTING CONDITIONS AT B ST SE



**Southeast Corner of B St SE**



**Looking South at B St SE**

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# FULL DEPTH RECLAMATION (FDR)



**Pulverizing Existing Roadway**

**Removal of material**



**Application of stabilizing Cement**



# FULL DEPTH RECLAMATION (FDR) CONTINUED



**Blend in stabilizing material**

**Compact the subgrade**



**Shape the roadway and compact with a smooth roller**





# FULL DEPTH RECLAMATION (FDR) CONTINUED



**Complete the paving**

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# FULL DEPTH RECLAMATION (FDR) FINAL

## ■ Benefits of Full Depth Reclamation

- Much faster method of construction than traditional pavement construction
- Saves time and money
- Uses less raw material
- Stabilizes base, and distributes loads
- Roadway is designed for future Rapid Ride routes

# PROJECT BUDGET AND SCHEDULE

- Estimated Project Cost = \$1.18 Million
  - Transportation Improvement Board Grant (TIB Grant)
  - Arterial Street Preservation Fund (105 Fund)
  - Sewer Utility Fund (461 Fund)

**Design Complete**  
*May. 2021*



**Advertise & Award**  
*May/June 2021*



**CONSTRUCTION**  
*July 2021 thru  
May 2022*