

# University Avenue

## City Council Update

12-16-2019



**AECOM**



# Agenda

- Project Review
- Construction Update
  - Phase 1 – Middle Section
  - Phase 2 – West Section
- Design Update
  - Phase 3 – East Section
- Enhancements
- Project Funding



# Phase 1 – Middle Section







# Phase 2 – West Section



UNIVERSITY AVENUE  
Phase 2  
City of Waterloo, Iowa  
December, 2019

0 100 200 300 400 500  
SCALE IN FEET

**AECOM**





# Phase 3 – East Section





# Construction Update

- Schedule and Staging
  - Phase 1 – Estimated Completion May 2020
    - Landscaping, Sidewalks, and Colored Concrete
  - Phase 2 – Estimated Completion Nov. 2020
    - North half of University from Midway to Access B
    - University Avenue from Access B to Greenhill Road





# Construction Update





# Construction Update









# Design Update – Phase 3

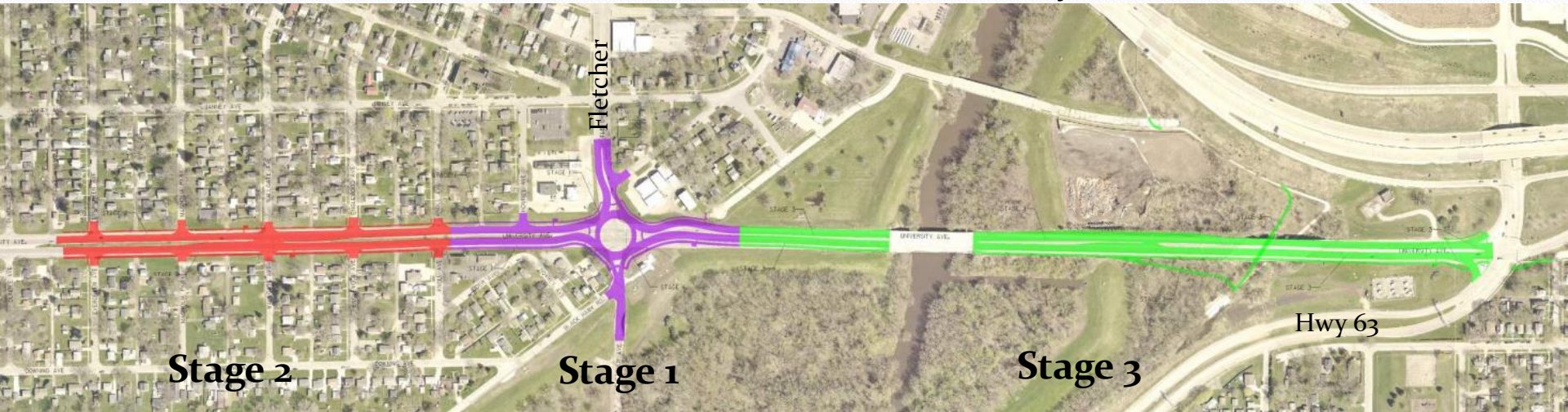
- Phase 3 Design Overview
  - Concept Design/Recommendations-Council Approved August 2017
    - Speed Limit – 45 mph
    - Four-Lane Configuration
  - Concept Design Update-Council Approved July 2018
    - Fletcher Roundabout
    - Enhancements
  - Schedule
    - Estimated Bid Letting February 2020
    - Construction April 2020 – November 2021





# Design Update – Phase 3

- Construction Staging
  - Accelerated Construction
  - Decreased Construction Costs
- Maintains Access to Businesses
- Closure Required Due to Sanitary Sewer, Grading, & Bridge Demolition Constructability Issues





# Enhancements

- Phase 1 & 2
  - Median Enhancements & Plantings
  - Enhanced Crosswalks
  - Corridor Trees
  - Bus Shelters & Benches



**Transit Stops**



**Pedestrian Crossing  
Enhancements**



**Medians  
Enhancements**





# Enhancements





# Enhancements

- Phase 3
  - Median Enhancements, Plantings, and Corridor Trees (Ansborough-Hwy 63)
  - Bridge Enhancements – Greenhill and Black Hawk Creek
  - Fletcher Roundabout Enhancements
  - Gateway Features – Midway, Greenhill and Hwy 63
  - Intersection Markers – Midway, Progress, Falls, Sager, Ansborough, Hwy 63
  - Pedestrian Box Culvert Enhancements
  - Recreational Trail Wayfinding Signage
  - Hanna Family Monument







# Enhancements – Greenhill Int.





# Enhancements – Greenhill Int.







# Enhancements – Greenhill Int.





# Enhancements – Greenhill Int.







# Enhancements – Black Hawk Cr.





# Enhancements – Gateway Features







# Enhancements – Gateway Features





## Enhancements – Intersection Markers







# Enhancements – Fletcher





# Enhancements – Fletcher



# Project Funding

- Project Estimate \$35 Million
  - Construction
  - Design & Construction Related Services
  - Right-of-Way
- Proposed CIP Funding Sources Include:
  - Transfer of Jurisdiction (TOJ) Funding (Inc. Interest)
  - Sanitary Sewer Funding
  - Local Option Sales Tax
  - Storm Water Funds
  - Bond Funds
  - Black Hawk County Gaming Association Grant
  - Waterloo Water Works



# Questions

