

City of Des Moines

Ingersoll Avenue Improvements Update

Steve Naber, P.E. – City Engineer
Scott Almeida, P.E. – Consulting Engineer

February 20, 2024



Some attendee instructions

- During the meeting, please "raise your hand" through Zoom computer app if you wish to speak.
- The chat feature is not enabled for this meeting
- Click the **Participants** button, which will open box showing all of the participants.



- At the bottom of the Participants box, you should see the following buttons.

- Click on RAISE HAND if you would like to speak.




- If you decide to lower your hand, click on LOWER HAND.



- If you are on a phone, please press ***9** (star nine) to raise your hand

- To unmute or mute yourself, just press ***6** (star six)

- This meeting will be recorded 



Presentation Agenda

Streetscape History

Recent Improvements

Phase 4 Streetscape Construction

Questions and Comments

Streetscape History

- 2004 : Ingersoll Study completed
 - Called for “Unified, pedestrian friendly street”
 - Developed Ingersoll as “logical bicycle link to downtown”
 - 3-lane reconfiguration recommended to accommodate bicycle lanes.
- 2007-2008: Streetscape improvements and plantings
- 2010: 4 to 3 lane conversion completed
- 2018 : Streetscape Phasing Study by the Avenues
 - Called for “Protected Bike Lane”
 - Identified Phases for Implementation
 - Recommended “Green” infrastructure
 - Modified Planter Railings
- 2019 : Cross Section Approved by the Avenues (SSMID)





Recent Improvements

2020

- Streetscape Constructed on North Side of Ingersoll Ave between MLK Jr Pkwy & 24th Street (Phase 1)

2021

- Streetscape Constructed on North Side of Ingersoll Ave between 24th Street & 28th Street (Phase 2)
- Western Ingersoll Sewer Separation Project Started between 35th Street and 41st St
- Ingersoll Reconstruction from 42nd Street and Polk Blvd Completed.





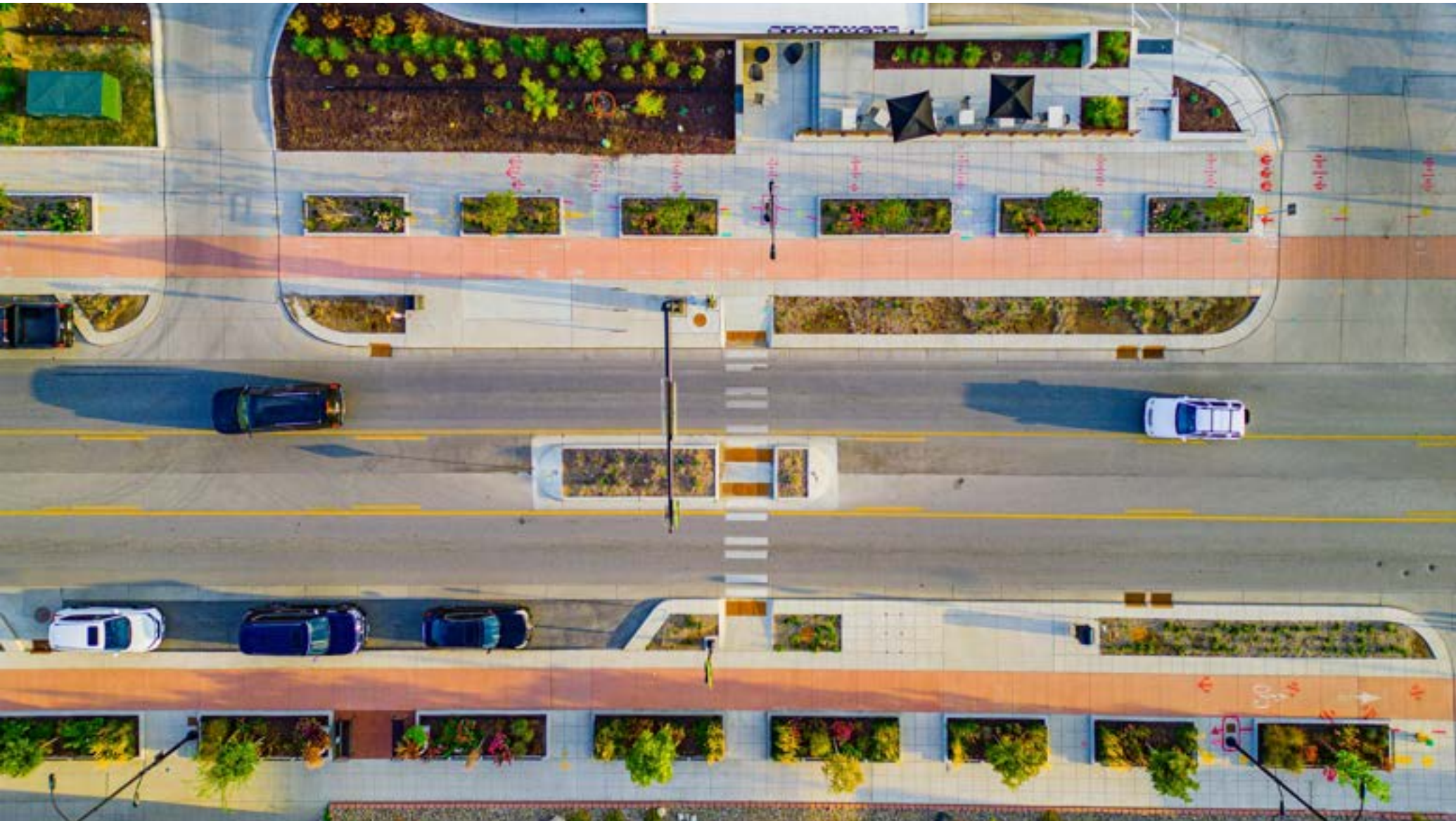
Recent Improvements

2022

- Streetscape Constructed on South Side of Ingersoll Ave between MLK Jr Pkwy & 28th Street (Phase 3)
- Western Ingersoll Sewer Separation Project Continued between 35th Street and 41st St

2023

- Streetscape Finished on South Side of Ingersoll Ave between MLK Jr Pkwy & 28th Street (Phase 3)
- Western Ingersoll Sewer Separation Project Continued between 35th Street and 41st St
- 28th Street Reconstructed from Linden St. to Woodland Ave.





Public Benefits

Transportation

- Improves safety for all users
- Lowers traffic speeds
- Promotes walkability and cycling
- Improves access to transit
- ADA Accessibility improvements

Amenities

- “Complete Streets” Design
- Enhanced Flashing Beacon Pedestrian Crossings
- Protected Lanes for Cyclists
- Wider Sidewalks for Pedestrians
- Traffic Calming Medians & Roadway Lane Width
- Tree Canopy & Beautification
- Street Furniture

Historic Average Speed Data

2009: 4-lane undivided	24 mph
2010: 3-lane with conventional bike lanes	23 mph
2023: 3-lane with protected bike lanes	20 mph



Recent & Planned Ingersoll Improvements



Streetscape Phase 4 – 31st St to 28th St





Phase 4 – Project Objectives

1. Increase safety for all users
2. Maintain and enhance existing streetscape
3. Create vibrant commercial corridor with uniform look

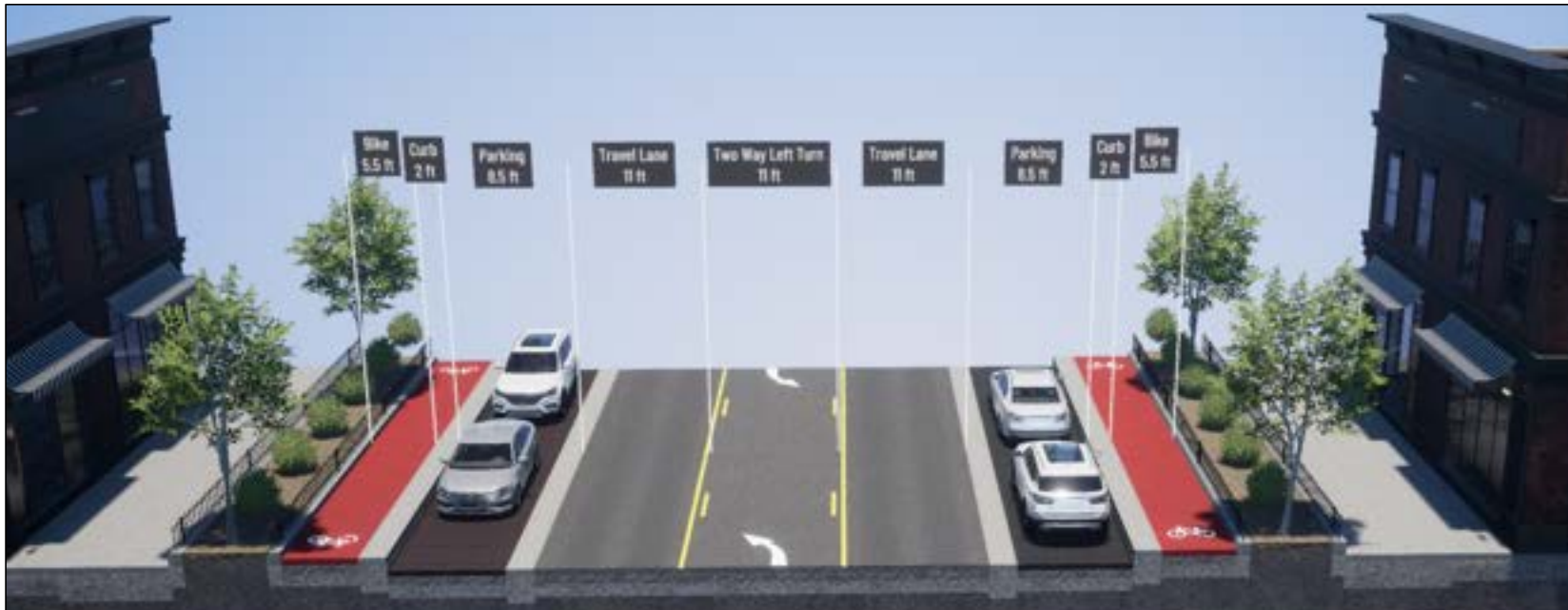
Phase 4 – Construction Tasks

1. Replace aging roadway pavement between planters



Phase 4 – Project Objectives

2. Add Raised Bike Lane
3. Add Permeable Paver Parking
4. Add more Storm Sewer





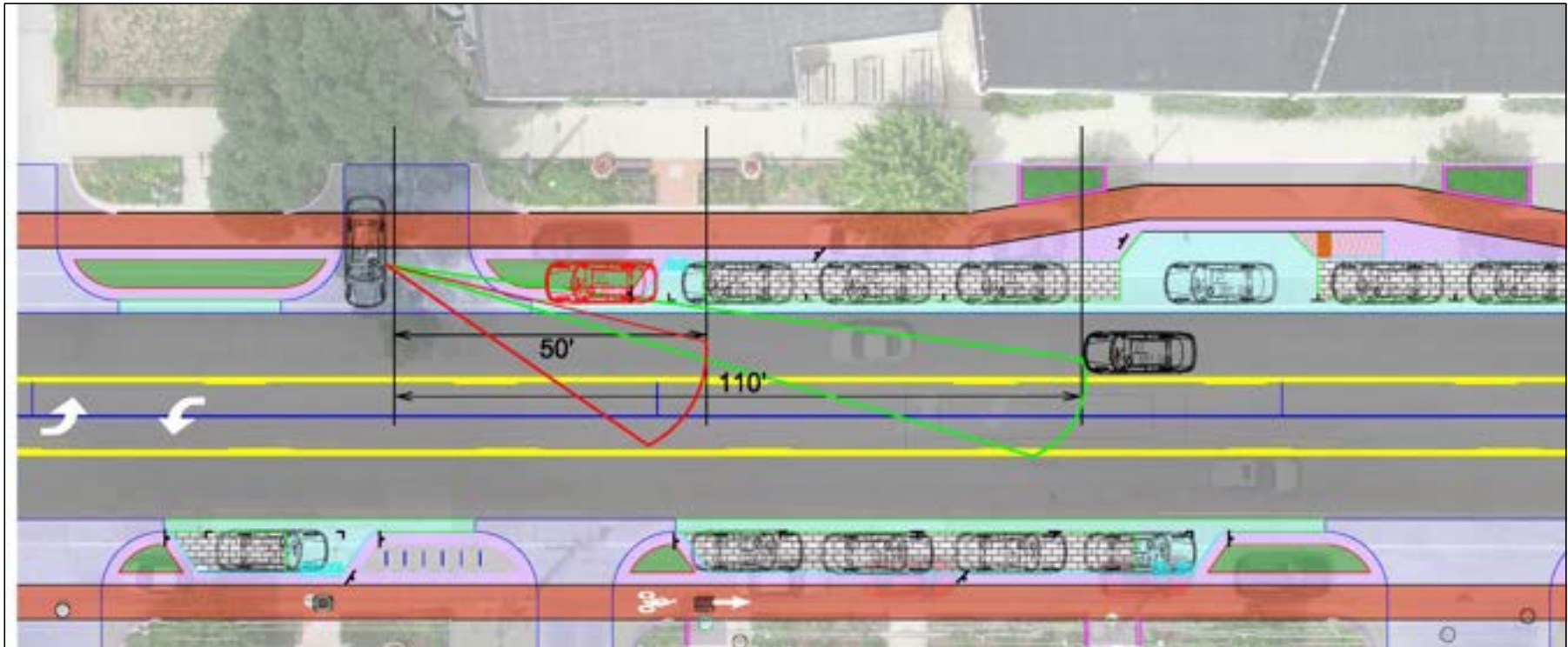
Phase 4 – Parking Goals

- Maintain on-street parking
- Increase off-street coordination
- Close excess driveways
- On Street Parking Net Change: -8 stalls



Updated Sight Distance Standards

- Sight distance after bike lane clears – sight distance doubles by car removal



Construction Staging – Stage 1

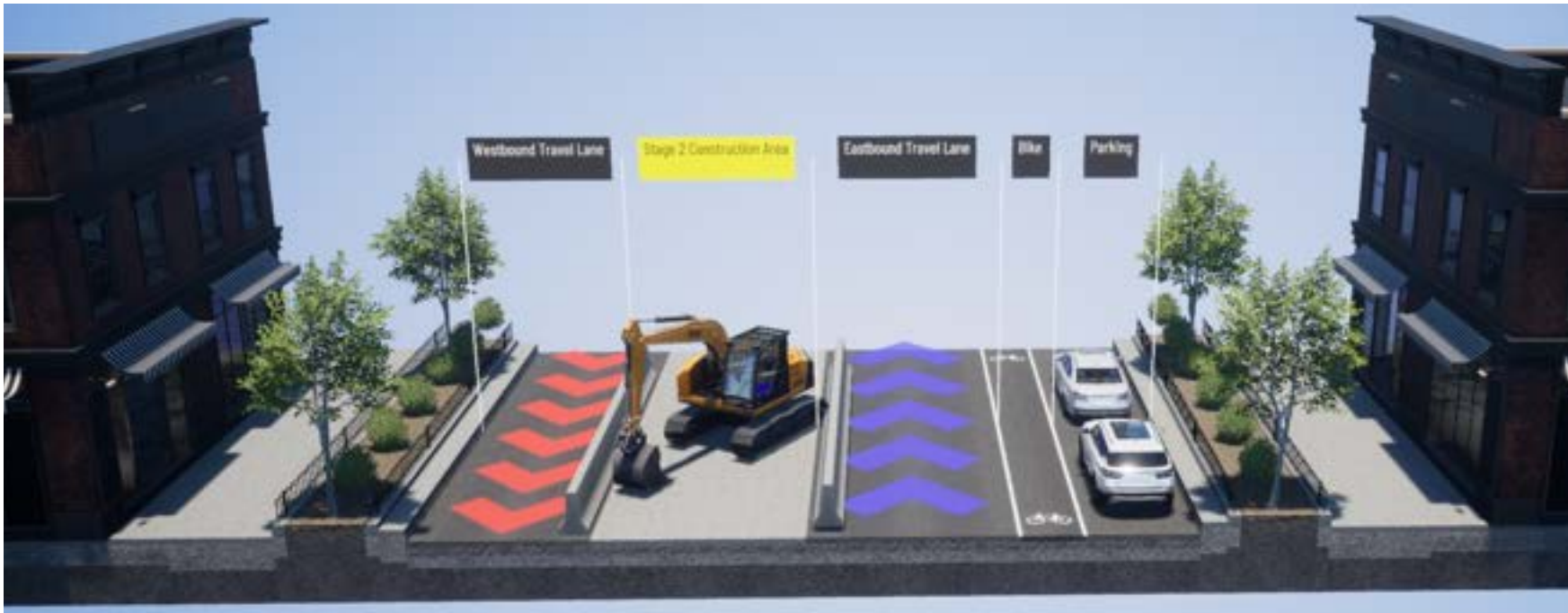
Stage 1 will be replacement of lead water services using localized traffic control



Construction Staging – Stage 2

Stage 2 will replace half of the roadway surface

- Traffic will be separated by construction
- Parking will be available on the south side of the street



Construction Staging – Stage 3

Stage 3 will replace the other half of the roadway surface

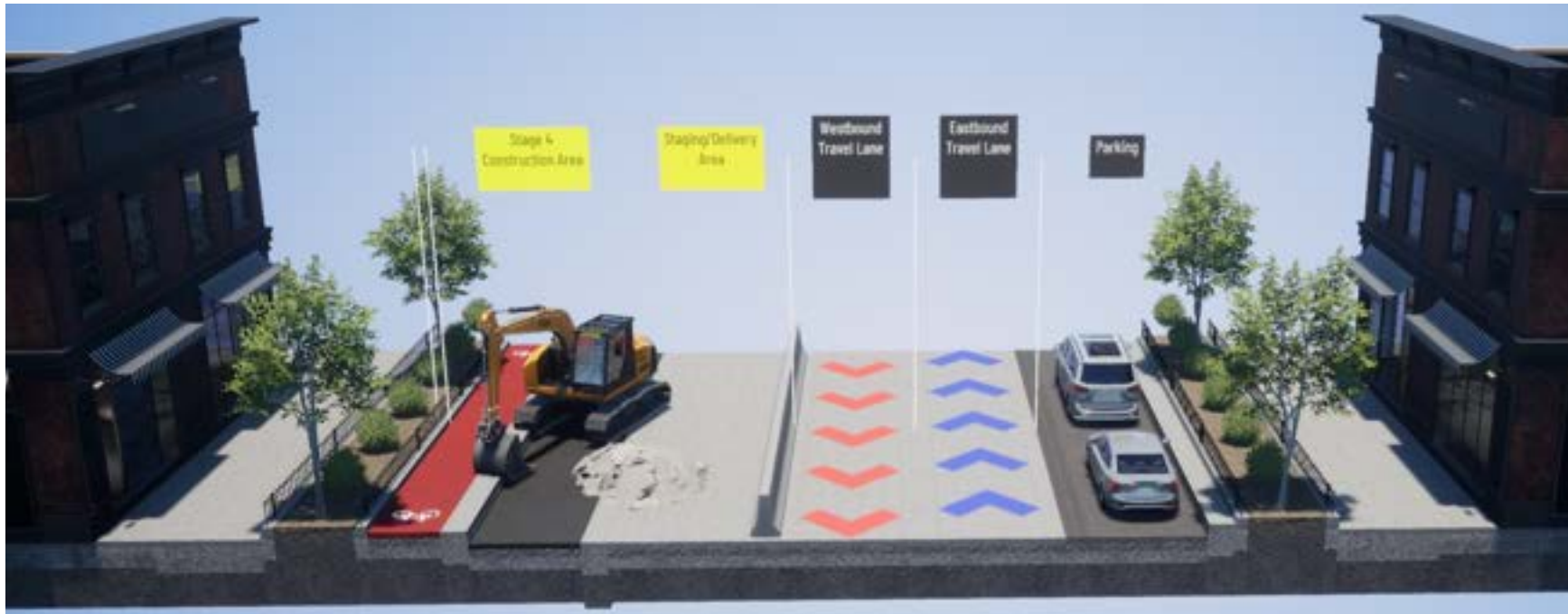
- Traffic will be separated by construction
- Parking will be available on the north side of the street



Construction Staging – Stage 4

Stage 4 will install the north raised bike lane and parking

Parking will be available on the south side of the street





Construction Staging

- Impacts to businesses will be driveway replacements and reduced on-street parking.
- Some driveways (1-point of access only) will be reconstructed outside of business hours.
(night work)
- Steel plates will be placed over any excavations during business hours to maintain access.



Design Team Contacts

Scott Almeida, P.E. – Kirkham Michael

salmeida@kirkham.com

Lauren Kollauf – Avenues Director

director@theavenuesdsm.com

Chris Kuhl, P.E. – City of Des Moines

ckkuhl@dmgov.org



Next Steps

- Project Bid Letting was held on Nov. 21, 2023
- Contractor Selected: Corell Contractor of West Des Moines.
- Construction: Spring 2024-2025

Summary





QUESTIONS

