

16th Street Enhancement Project

Agenda

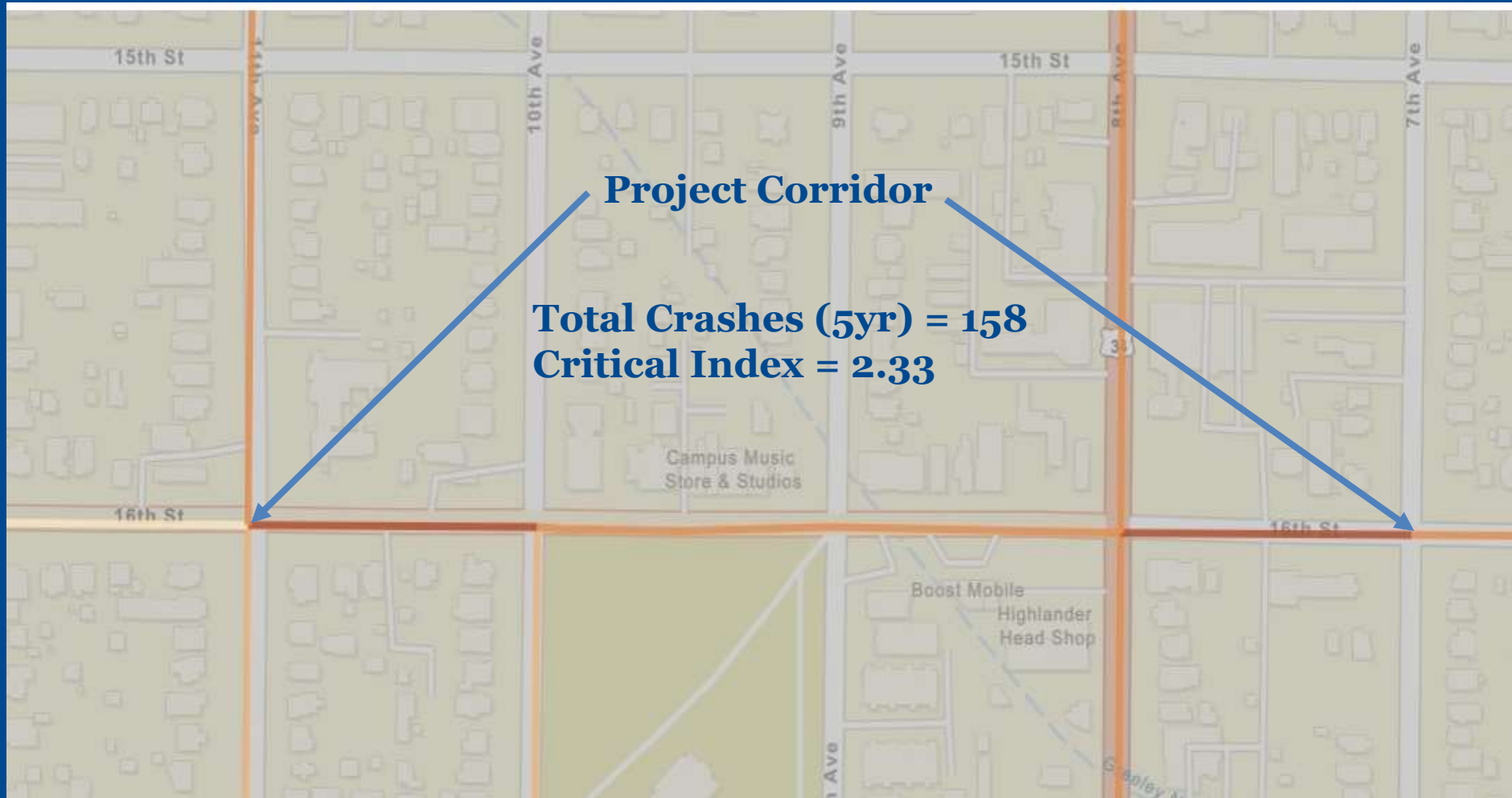
- Existing Conditions
- Project goals
- Public engagement and design refinement process
- Design comparison
- Preferred design



Existing Conditions

- **4 lanes, 25mph Speed limit**
- **High speeds (60% of vehicles traveling above speed limit)**
 - **Significant Safety Issues along Corridor**
- **High levels of pedestrian activity**
 - **(~250 Pedestrian Crossings within the project corridor)**
- **Limited landscaping**
- **Moderate traffic volume (12,336)**
- **Commercial and residential land uses**

Safety Issues



Project Goals

- **Traffic Calming to lower actual speeds on 16th Street**
- **Improve pedestrian safety and create a walkable environment**
- **Revitalize the corridor through aesthetics, landscape and placemaking**
- **Maintain as much parking as possible**
- **Increase connection between UNC and downtown**



Public Engagement

UNC Students

- Pop-up Event at University Center 10/7/2021

Voted on what they would like to see on 16th Street:

- Trees/landscaping
- More comfortable to walk
- Improved lighting
- Public art
- Outdoor dining
- More parking
- Safer intersections
- Better traffic flow
- Slower traffic
- Easier to bike
- Nicer bus stops



- Meeting with UNC Disability Group (5/18/2020)
- Neighborhood
- Meeting with ambulance coordinators for Banner (3/16/2022) and UC Health (3/17/2022)
- Meeting with Stampede Fourth of July parade organizers (3/23/2022)

No major concerns were presented

- Combined internal and external stakeholder meeting to scope the project (11/4/2021)
 - City staff and key stakeholders
- Internal (City employees) stakeholder meeting (1/13/2022)
 - Police, Fire, EDR, Planning, Economic Development, Public Works, Stormwater, Traffic
- External stakeholder meeting (1/27/2022)
 - DDA, business owners, NCMC, Banner, UNC, other University district members
- Virtual open house with 16th St business owners (2/16/2022)
 - Various business owners on 16th Street



Design Options

- **Started with 11 design options with different parking and street layouts**
- **Eliminated options based on stakeholder and public input and how well each met project goals**
- **Three final draft options were brought forward to stakeholders and the public**



Diagonal Parking with Roundabouts



Center Parking with Signals



Center Parking with Roundabouts



Preferred Design- Option 3

(Roundabouts center diagonal parking)

- **Improved Pedestrian Experience**
- **Improved safety and traffic calming**
- **Revitalized Corridor for Businesses and People**
- **Lower cost estimate - \$1 million less than Option 2-Signals**
- **25% more on-street parking than Option 2-Signals**
- **Stakeholders and Public preferred Option 3**

Option 3



16th Street Enhancement Project



16TH ST. & 10TH AVE.

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Next Steps:

- **Final Design 2022/2023**
- **Construction 2024**

Thank you and Questions?

