

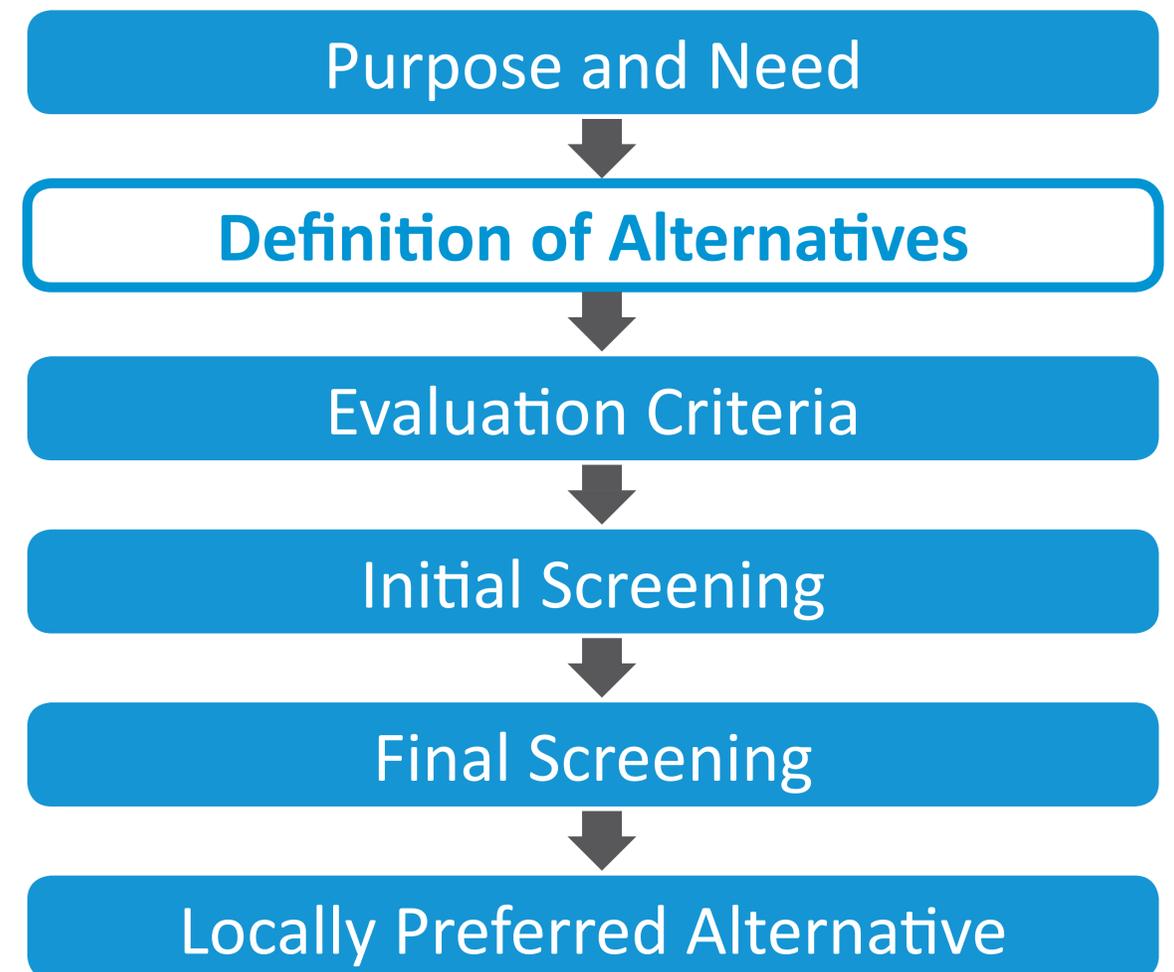
# Welcome



- The purpose of today's meeting is to:
  - Present transit options and service characteristics
  - Identify potential route alignments
  - Prioritize criteria to be considered when evaluating transit options to serve Central Omaha

# What types of transit alternatives will be considered?

- Transit alternatives include both technologies and alignments:
  - No-build alternative
  - Technologies
    - Enhanced bus
    - Bus rapid transit (BRT)
    - Modern streetcar
  - Alignments
    - Divided by multiple segments within study area



# Enhanced Bus

- Improvements to existing Metro bus service
- Operates in mixed traffic
- Low floor 40 ft buses
- Accommodates maximum of 3 bicycles on front of bus
- Improved frequency and span of service
- Minor capital improvements (bus stops and shelters)
- Shares travel lanes and stops with other buses
- 40-60 passengers per vehicle



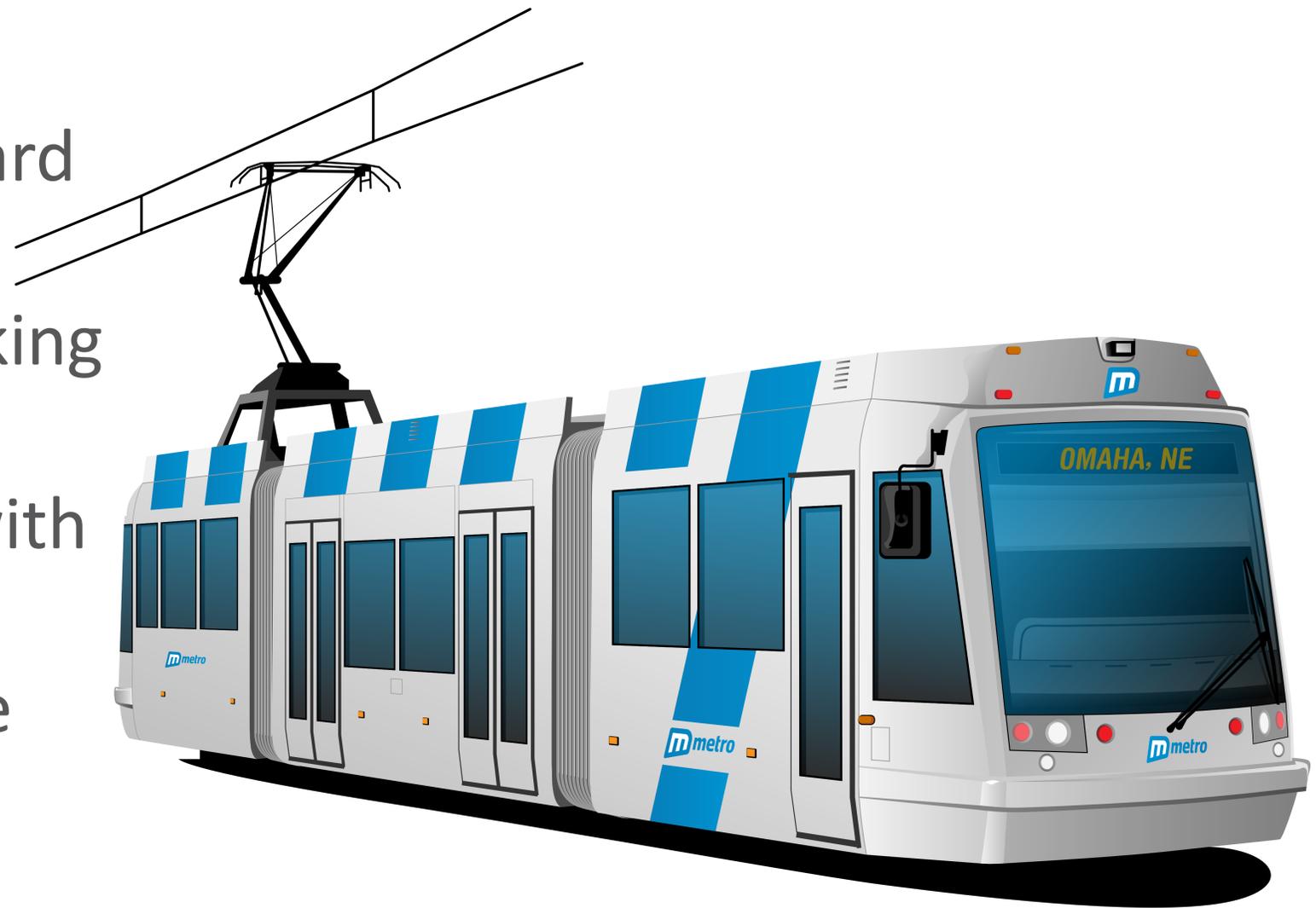
# Bus Rapid Transit

- Advanced bus service
- Operates in mixed traffic and/or dedicated lanes
- Low floor buses with multiple doors
- Accommodates maximum of 3 bicycles on front of bus
- Preferential bus treatments (queue jumps, traffic signal priority, etc.)
- Specially branded service
- Custom stops and shelters
- Shares travel lanes and stops with other buses
- 40-90 passengers per vehicle

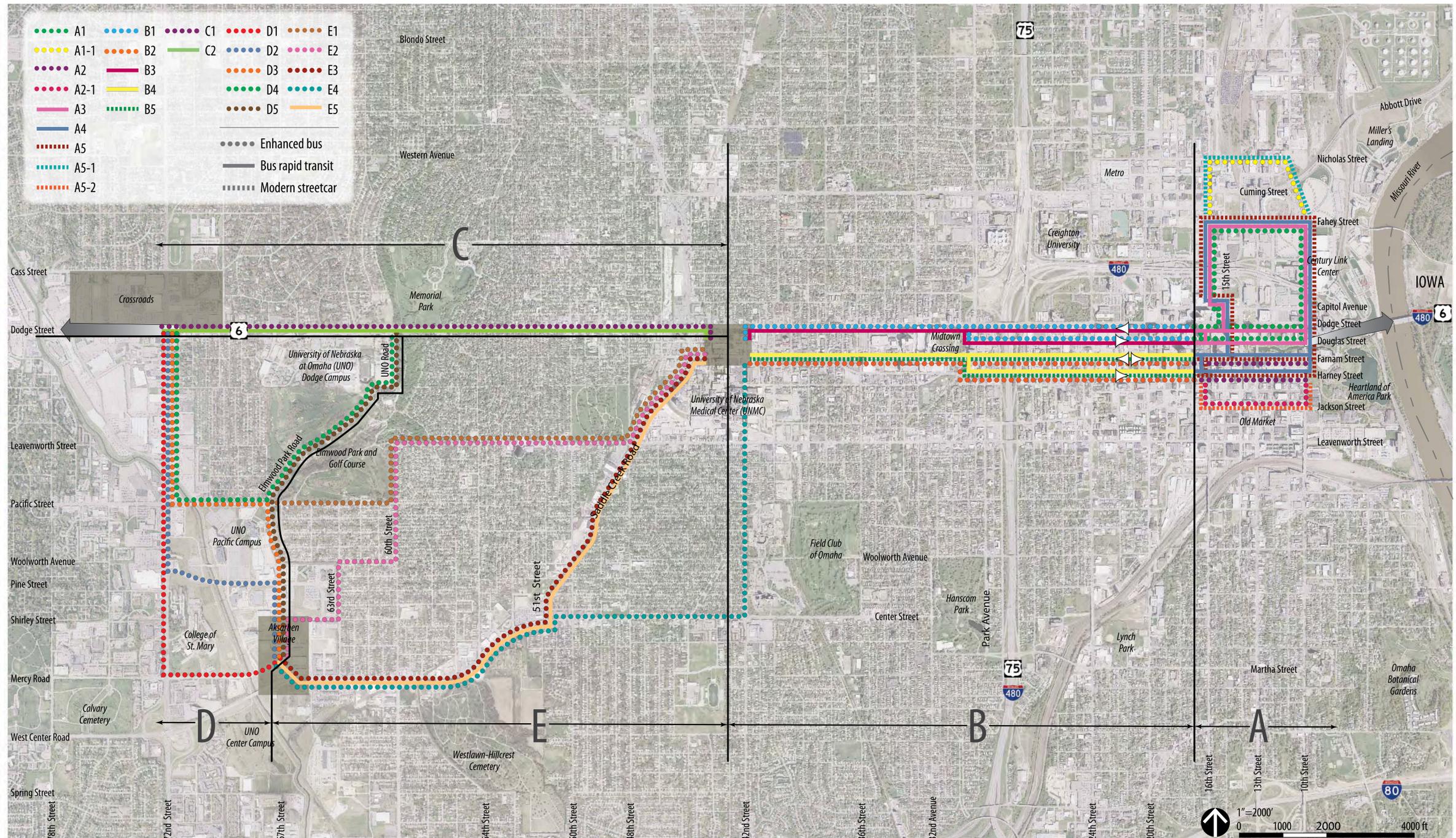


# Modern Streetcar

- Fixed-guideway electric rail service
- Operates in mixed traffic
- Low floor vehicles with multiple doors
- Accommodates bicycles on board
- Articulated for tight radii turns
- Compatible with on-street parking
- Custom stops and shelters
- Shares travel lanes and stops with buses
- 130-160 passengers per vehicle

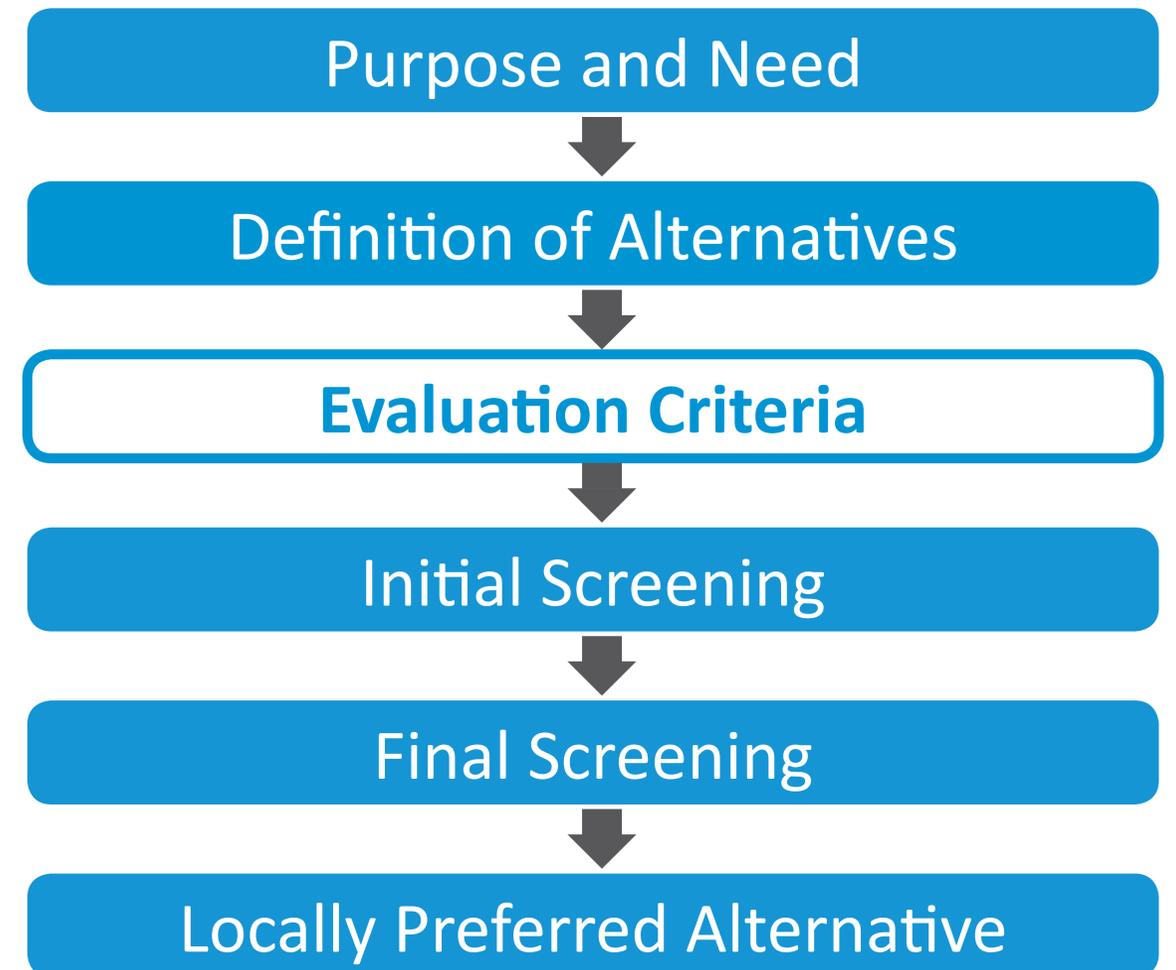


# Transit Alternatives



# Evaluation Criteria

- Two steps in evaluation methodology
  - Initial Screening
    - Qualitative analysis on larger number of alternatives
  - Final Screening
    - Quantitative analysis on smaller number of alternatives



# Initial Screening Criteria

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- Mobility
- Ridership potential
- Capital costs
- O&M costs
- Capacity
- Destinations
- Fatal flaw
- Transit system integration
- Expandability
- Plans and guidelines
- Traffic
- Land use density
- Urban design
- Economic development
- Community support
- Passenger benefits
- Safety
- Access
- Transportation connections

*What is the most important criteria to consider when selecting transit options for Central Omaha?*