



# **Quality Community Initiative (QCI) Project Analysis**

Tower Road Widening  
City Council  
March 18, 2013

# Schedule

- March 18<sup>th</sup> – Regular Council meeting presentation
- March 25<sup>th</sup> – Study Session presentation and discussion
- Design – 18 to 24 months
- Construction – 24 months

# Summary of Project

- Tower Road Widening (\$58.5M)
  - East 80<sup>th</sup> Avenue to 103<sup>rd</sup> Avenue
  - 4 lanes of the Principal Arterial section
  - Concrete pavement
  - Curb, gutter, and sidewalk
  - Drainage system, including bridge over Second Creek
  - Street lighting
  - Upgraded/new traffic signals (81<sup>st</sup>, 88<sup>th</sup>, & 96<sup>th</sup>)
  - Overhead to underground utility conversion
  - Median landscaping

# Pros and Cons

(Council Retreat)

- **Pros**

- Encouraging economic development
- Improved community balance
- Brings in funds
- Increases quality of life – mobility and not getting stuck
- Decrease congestion
- Funding identified
- Community perception – meeting needs
- Community supports this and would support funding
- Improves community image



# Pros and Cons

(Council Retreat) (continued)

- **Cons**
  - Increases development and associated support costs
  - Huge costs
  - Attracts more traffic

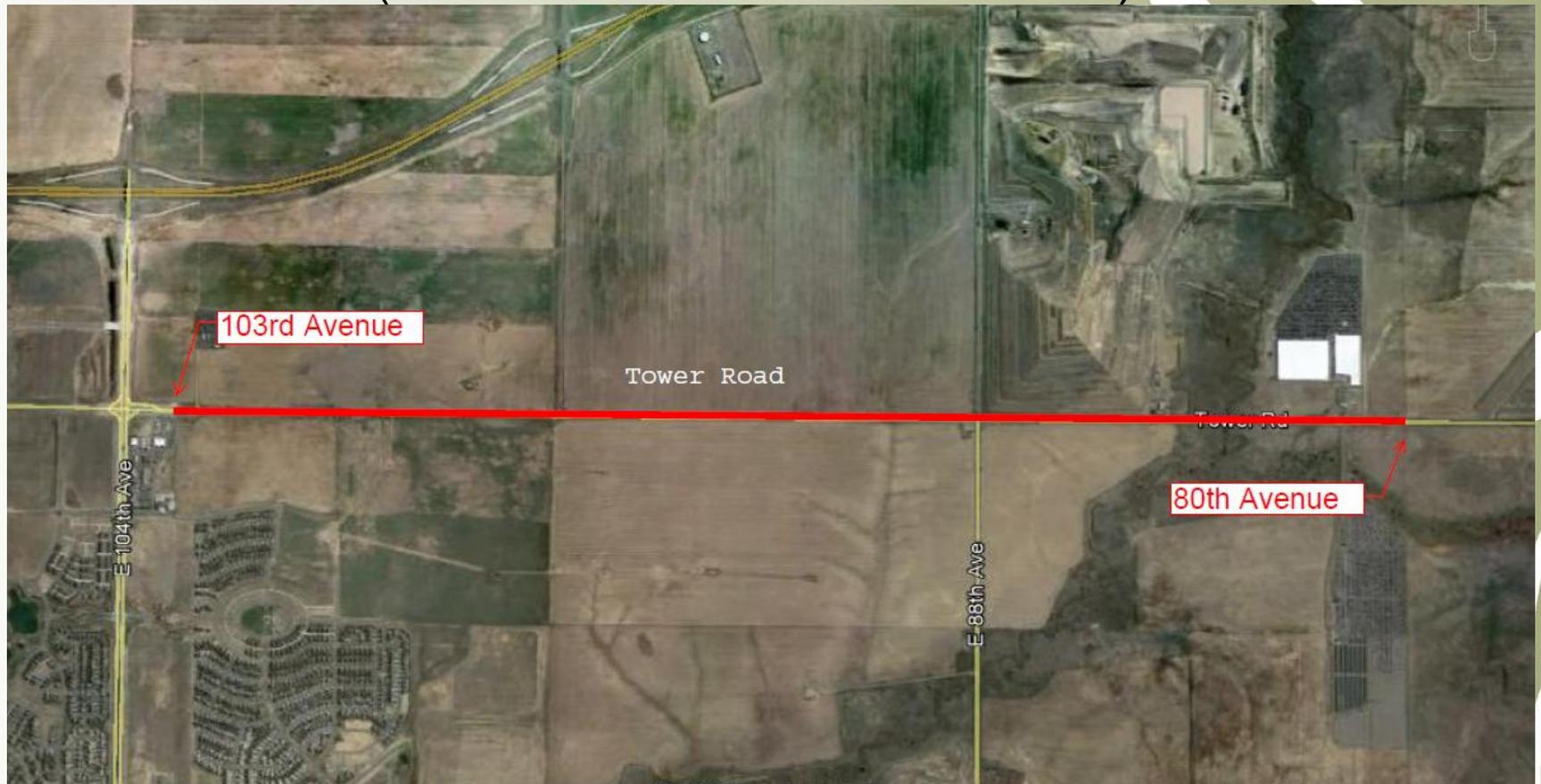


# Additional Information

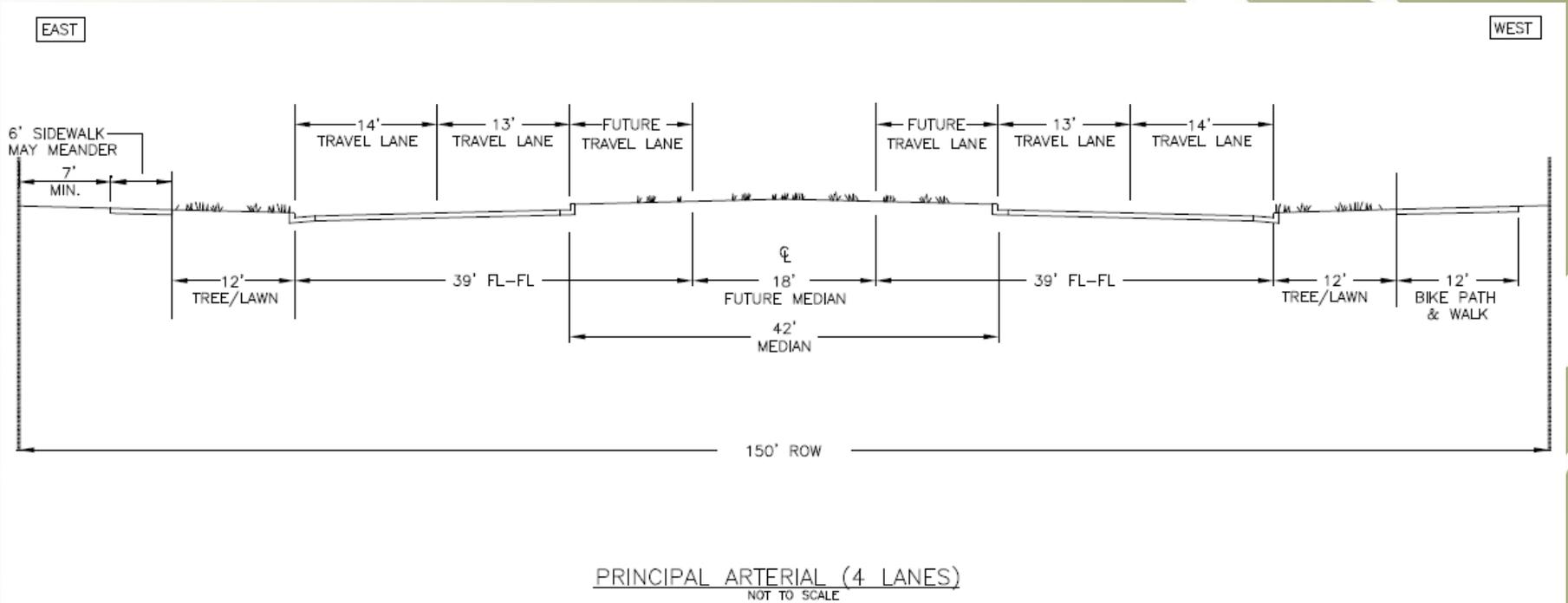
- Return on investment – Costs.
- What is the existing plan for development in the area?
- Education.
- Define clearly the role of the NGID/City in funding vs new GID.
- Create estimate of timing.
- Build economic development estimate of potential impact.
- Alternative funding.
- Location needs.
- Education & timeframe.

# Project Area Map

## Tower Road (80<sup>th</sup> Avenue to 103<sup>rd</sup> Avenue)



# Project Cross-Section



# Staff Analysis

- Cost analysis
  - Typical cross-section - \$58.5M
  - Typical cross-section without sidewalk - \$55.8M
  - Typical cross-section without landscaping - \$53.6M
  - Typical cross-section without sidewalk and landscaping - \$50.9M



# Staff Analysis

(continued)

- Phasing analysis
  - Phase 1 (80<sup>th</sup> Avenue to 96<sup>th</sup> Avenue)
    - Cost - \$39.4M
  - Phase 2 (96<sup>th</sup> Avenue to 103<sup>rd</sup> Avenue)
    - Cost - \$19.7M

# Staff Analysis

(continued)

- Staff Pros & Cons

- Pros

- Significantly improves capacity, safety, and reduces congestion
    - Ability to coordinate traffic signals to better manage traffic volumes
    - Ties into and complements another Key corridor in the north (104<sup>th</sup> Avenue)



# Staff Analysis

(continued)

- Staff Pros & Cons
  - Cons
    - Impacts to motorists during construction
    - Long construction window



# Consultants

- **Consultants – Design/Construction**
  - Program Management
    - Design
    - Land acquisition/easements
    - Construction
      - Oversight
      - Testing
      - Surveying

# Summary / Next Steps

- Summary
  - Tower Road Widening (80<sup>th</sup> Ave – 103<sup>rd</sup> Ave) - \$58.5M
    - No sidewalks - \$55.8M
    - No landscaping - \$53.6M
    - No sidewalks or landscaping - \$50.9M
    - Phased - \$59.1M
      - Phase 1 (80<sup>th</sup> to 96<sup>th</sup>) - \$39.4M
      - Phase 2 (96<sup>th</sup> to 103<sup>rd</sup>) - \$19.7M
  - Timeline
    - Design – 18 to 24 months
    - Construction – 24 months



# Summary / Next Steps

- Next Steps
  - Pre-funding approval
    - Public Outreach Campaign
  - Post-funding approval
    - Prepare Program Management Scope of Work
    - Prepare Professional Services Agreement for Program Management Services
    - Advertise for Program Management Services
    - Award Professional Services Agreement and begin Design phase



# Additional Information

- What additional information does City Council need before the study session?