



Preliminary Estimated Cost: \$7.1M

Note: traffic volumes shown represent expected afternoon peak conditions




Note: Arcadia Ave. extension to Pleasant Street necessary for traffic circulation.

A-1 Typical Section at Main Ave





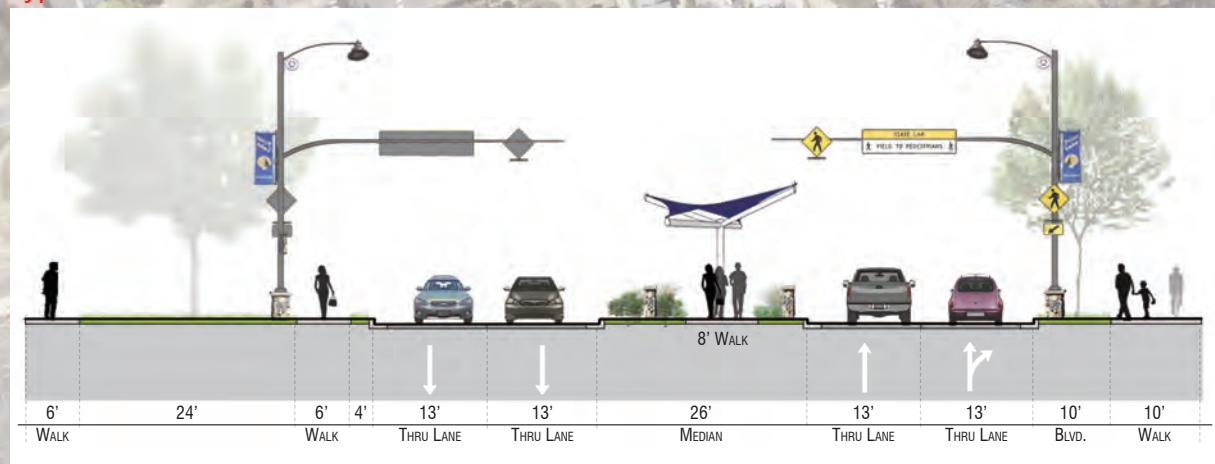
A Hybrid Arcadia with Signal

- Duluth Ave 
- Arcadia Ave 
- Main Ave 
- TH 13 

DRAFT 10/11/2017

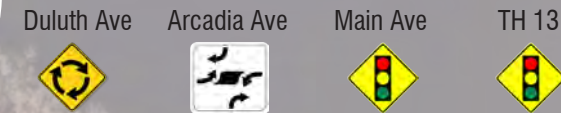


Typical Section at Main Ave





B-1 Main with Signal



Key Benefits

- + Most downtown access points
- + Managed traffic movements
- + Lowest cost

Key Challenges

- Less efficient traffic operations
- Longest Main Avenue wait times/queueing
- Highest crash severity

Streetscape Opportunity Score: Fair

Pedestrian Crossings (across 21): 3

Vehicular Crossings (across 21): 2

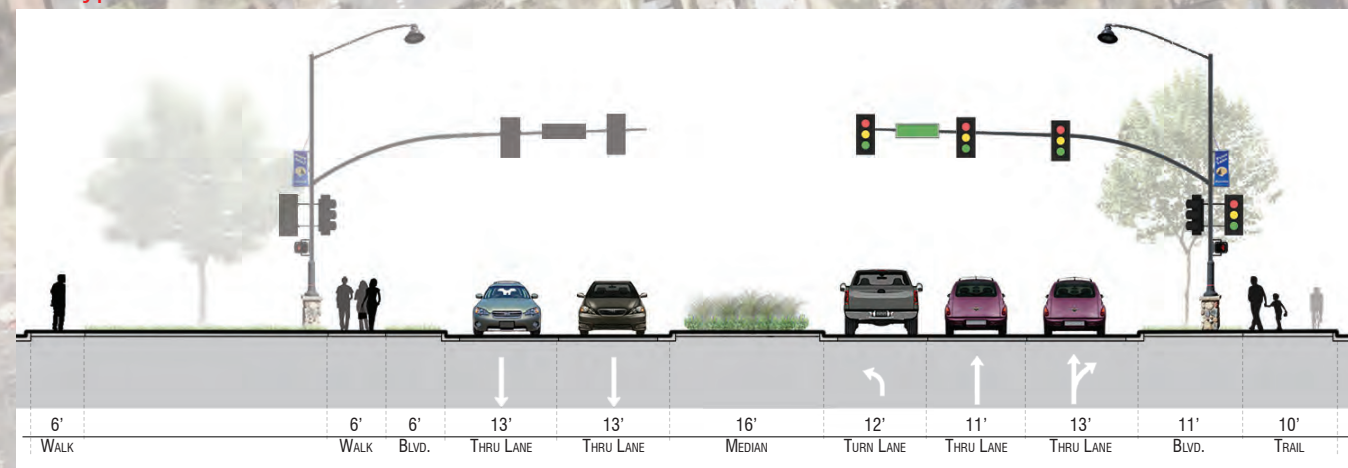
Preliminary Estimated Cost: \$7.2 M

DRAFT 9/7/2017

Note: traffic volumes shown represent expected afternoon peak conditions

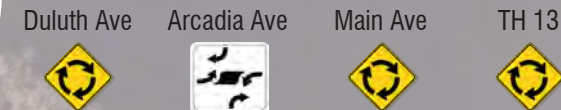


B-1 Typical Section at Main Ave





B-2 Main with Roundabout



Key Benefits

- + Most downtown access points
- + Efficient traffic operations
- + Best accommodates local and regional trips

Key Challenges

- Most property impacts
- Highest number of crashes/pedestrian safety concerns
- Highest potential for intersection blockages

Streetscape Opportunity Score: Very Good

Pedestrian Crossings (across 21): 3

Vehicular Crossings (across 21): 2

Preliminary Estimated Cost: \$7.35M

DRAFT 9/7/2017

Note: traffic volumes shown represent expected afternoon peak conditions



2017-10-10 Removed from Consideration

A roundabout at Main would not be recommended by the Project Management Team due to the high impacts to private property, including access to adjacent businesses, and operational concerns with the two roundabouts in such close proximity.

B-2 Typical Section at Main Ave

