



Plymouth (Alger to Burton)

Concept Design Meeting
Tuesday, July 8



Introductions

City Staff

- Community Engagement – Sarah Itani & Juan Torres
- Engineering – Jim Herman
- Mobile GR/Traffic Safety – Kristin Bennett

Agenda

- Introductions
- Project Overview
- Guiding Documents and Principles
- Concept Design
- Discussion

STREETS ARE VITAL FOR



RESIDENTIAL

INCREASED PROPERTY VALUES AND
BETTER MOBILITY (CARS, BIKING, WALKING
AND BUSES)



SMALL BUSINESS

CUSTOMERS NEED TO SAFELY REACH
RETAILERS & RESTAURANTS IN THE AREA



BIG BUSINESS

STREETS ARE VITAL FOR MOVING GOODS
& PRODUCTS TO CONSUMERS

Ground Rules

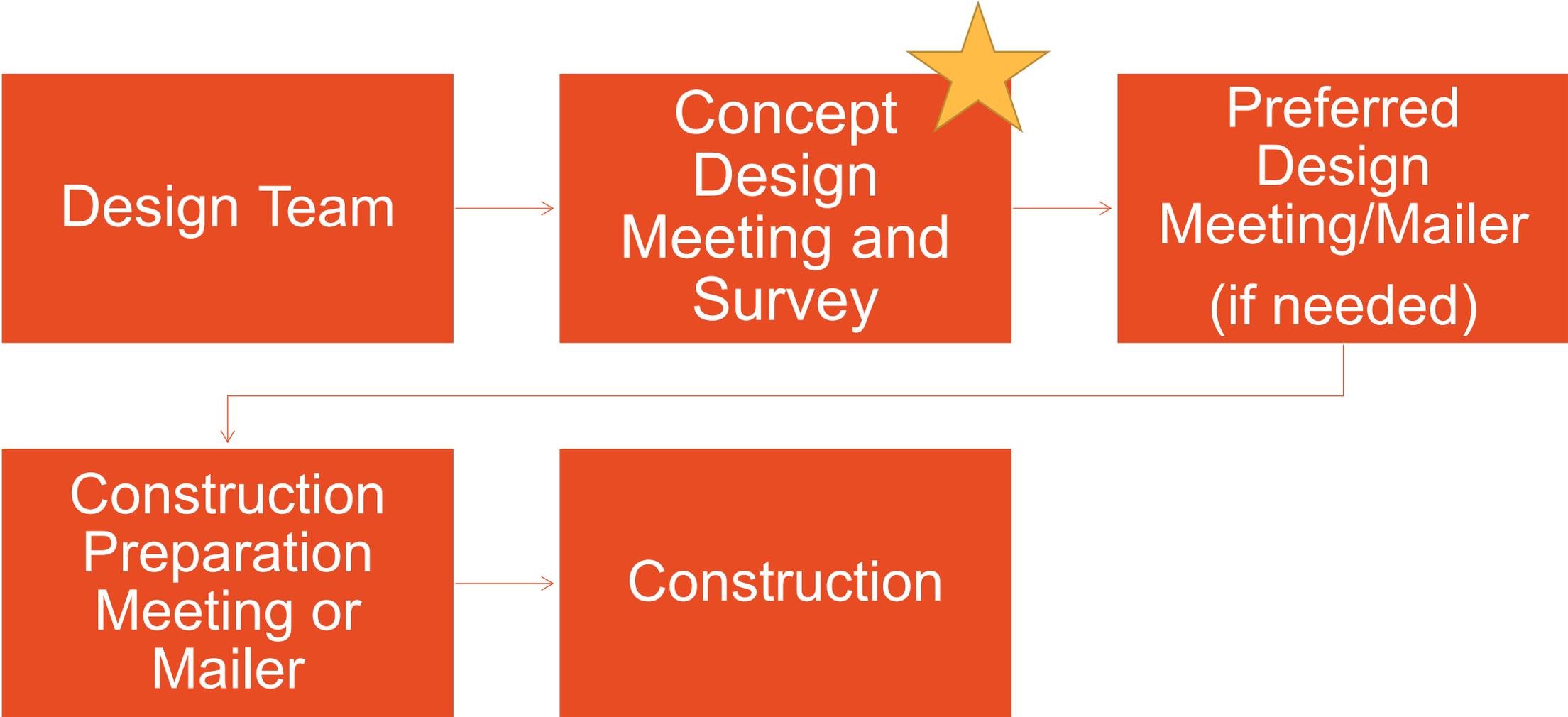
- Need to be respectful of time
- Presentation followed by discussion/questions
- Everyone is encouraged to participate
- Be respectful – no personal attacks, heckling, talking over others, raised voices, monopolizing conversation



Project Overview



Road Design and Construction Process



Project Details

- Resurfacing project
 - Water main replacement
 - Upgrades to the storm sewer system
 - Replace some driveway approaches
- Upgrade sidewalks and curb ramps to meet ADA standards
- 2026 Construction



Existing Conditions

- Street pavement condition rating of 6
- 66-foot public right of way
- 30-48-foot road width
 - Two travel lanes, one in each direction
 - On-street parking on west side of the street
 - 6-foot sidewalks on both sides

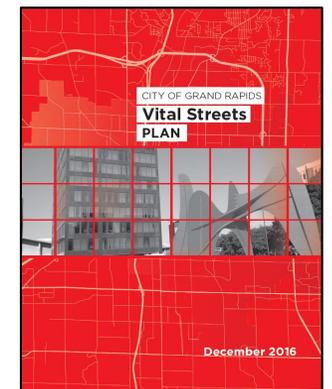
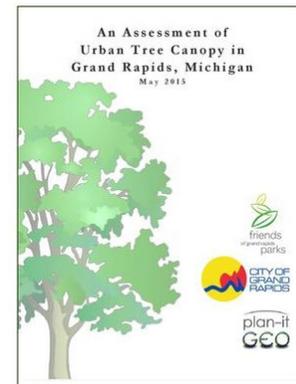
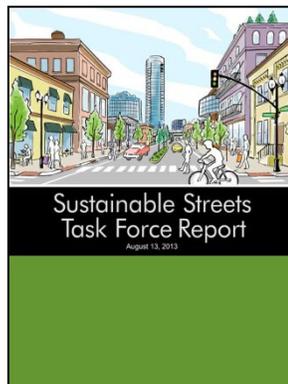
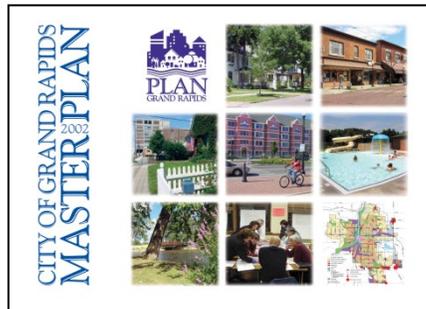


Guiding Documents and Principles



Guiding Documents

- 2000-2002 City Master Plan
- 2007-2010 Green Grand Rapids
- 2012-2013 Sustainable Streets Task Force Report
- 2015 Urban Tree Canopy Assessment
- 2016 Vital Streets Plan
- 2019 Bicycle Action Plan



Complete Streets

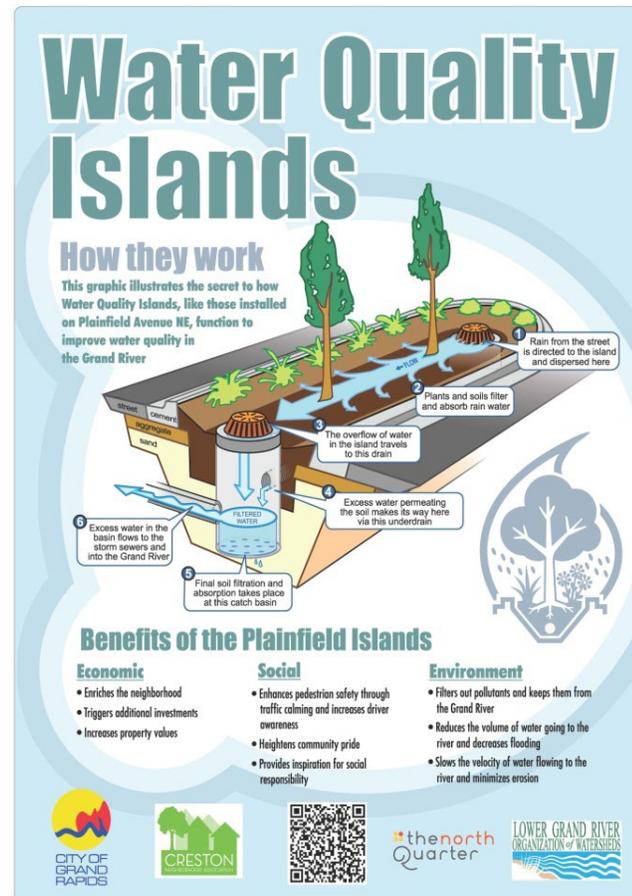
A system of streets...planned, designed, operated and maintained so all legal users may safely, comfortably and conveniently move along and across streets

~ PA 134 of 2010



Vital Streets

Complete streets + green infrastructure



All users include:

- People walking
- People driving
- People biking
- People of all abilities
- Trucks
- Buses

ACCESSIBILITY
WE NEED TO PROVIDE
QUALITY ACCESSIBLE TRANSPORTATION OPTIONS
FOR **ALL** MODES SO PEOPLE CAN GET TO WORK,
SCHOOL, HEALTHCARE, SHOPPING AND PLACES OF WORSHIP.



Why all users?

1/3rd of the population does not drive

Aging population:

- **1 in 5** seniors do not drive (AARP)
- Most seniors outlive their ability to drive by **7 to 10** years (AARP)

Ability:

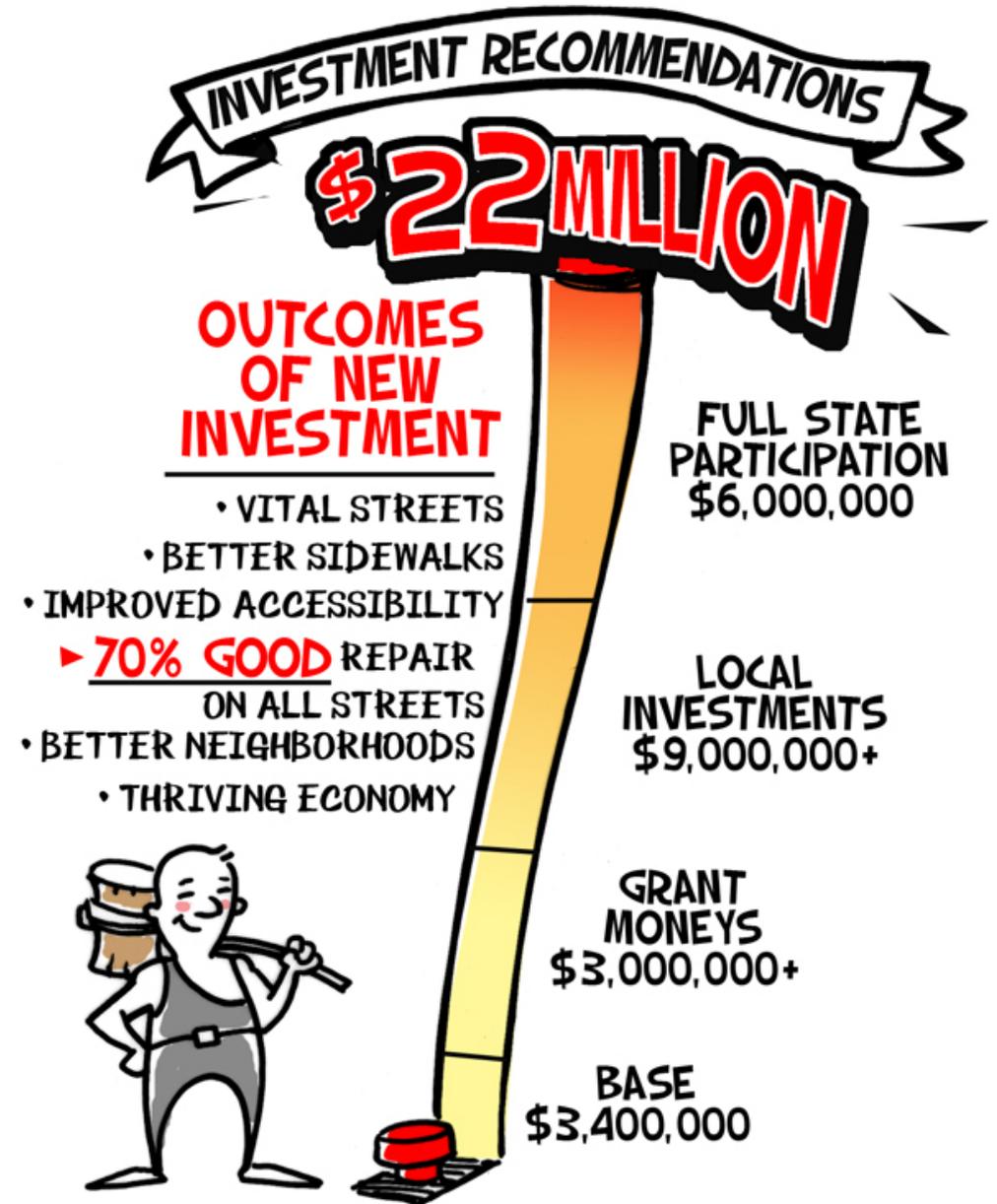
- **20%** of Americans have a disability that limits their daily activities (US Census)
- **Nearly half** of people 65 and older have a disability (US Census)

Why all users?

- Young people:
 - **1/4th** do not have a driver's license (U.S. PIRG)
 - Trips by bike ↑ **24%**, ↑ walking **16%**, ↑ transit **40%** (U.S. PIRG)
- Expense:
 - Average cost of owning and operating one automobile (2015): **\$8,698/year** (AAA)
 - Average household transportation costs (Grand Rapids MSA, 2015): **\$11,497/year** (H+T Index)

Vital Streets Income Tax

- 70% good and fair goal
- Passed in 2014



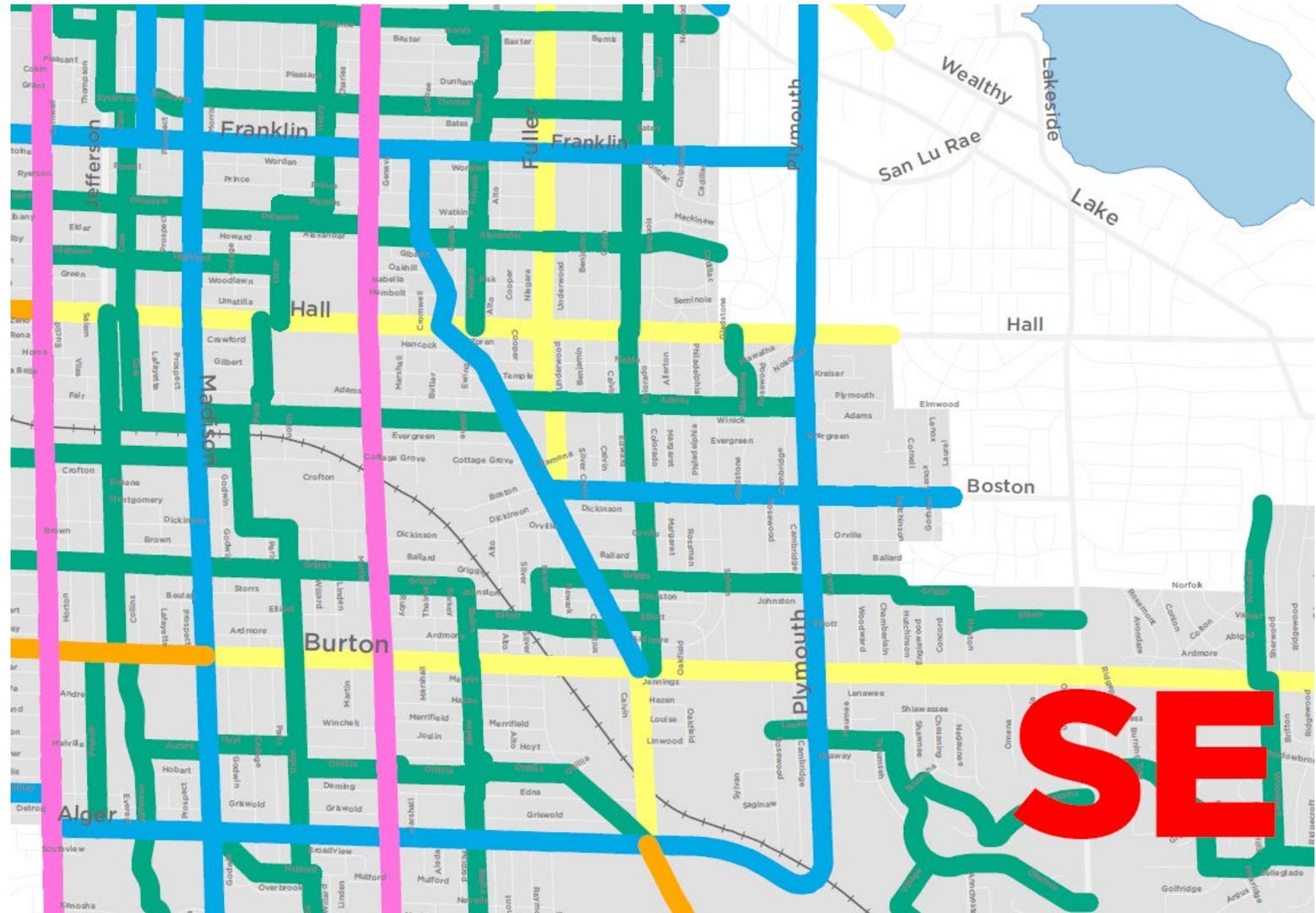
Vital Streets Plan

- This street identified as a community bicycle route

VITAL STREETS

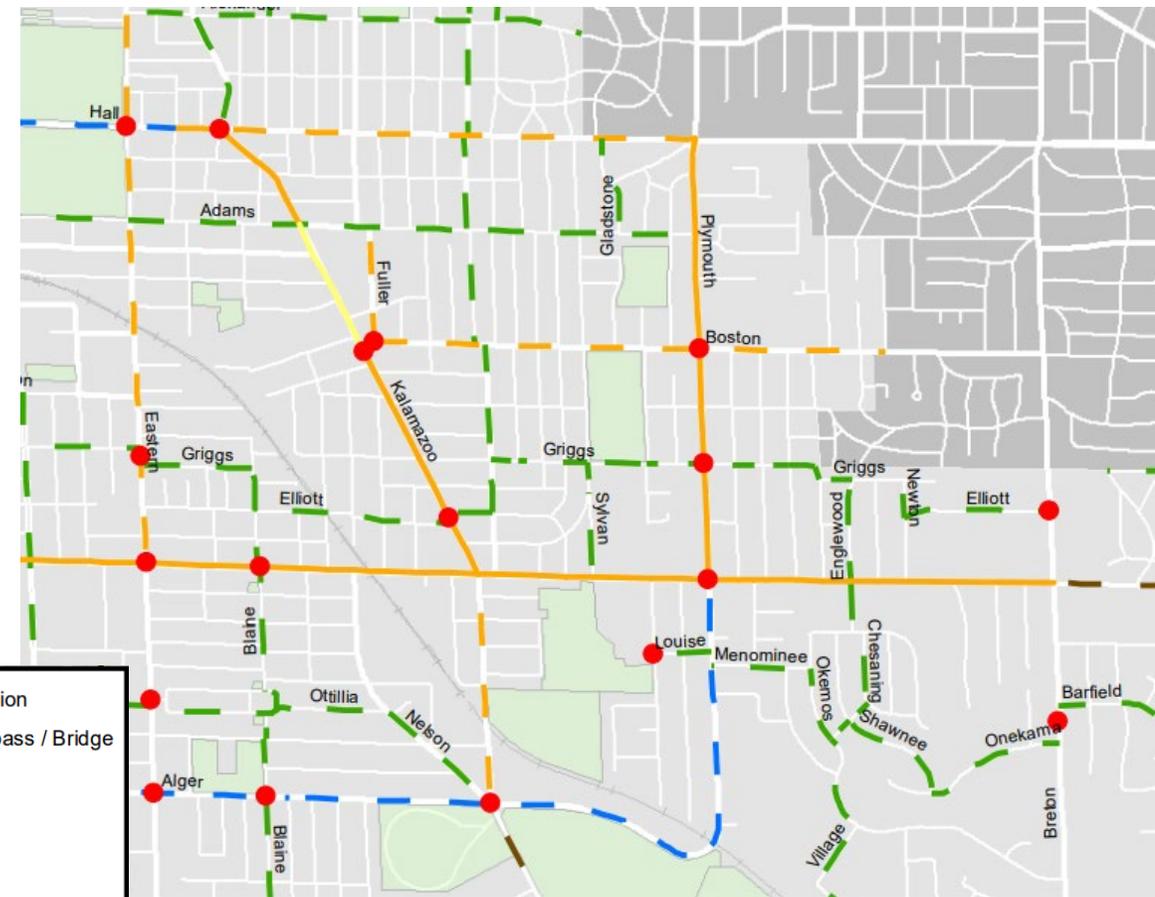
Mode Emphasis

- Balanced
- Transit
- Vehicle/Truck + Transit
- Vehicle/Truck
- Bicycle: Commuter
- Bicycle: Community



Bicycle Action Plan

- This street is proposed for raised/separated bicycle lanes



Urban Tree Canopy

- 40% urban tree canopy goal
- This area has between 31-40% canopy

Value

- Environmental quality
- Public health
- Water quality
- Property value
- Aesthetics

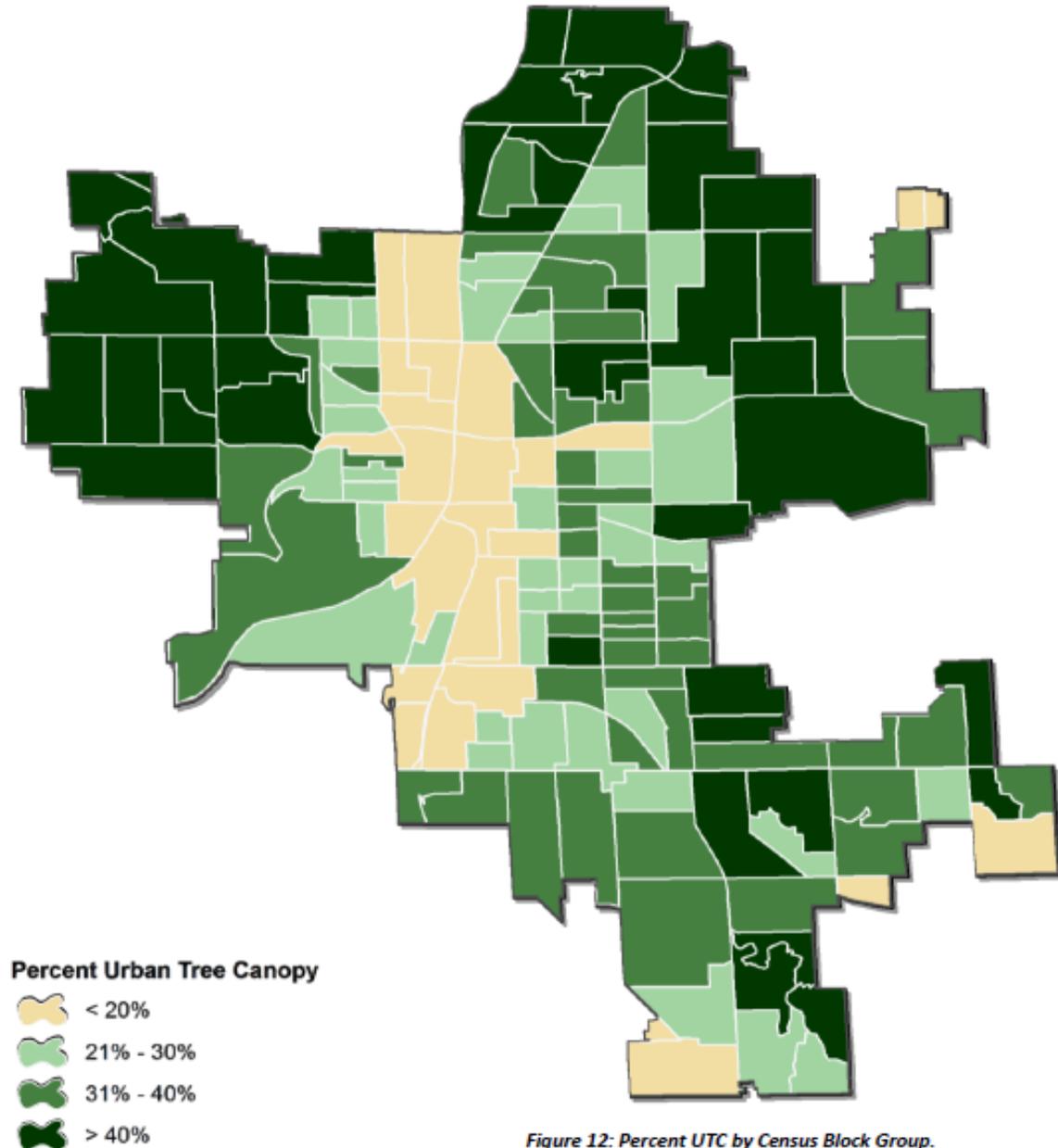
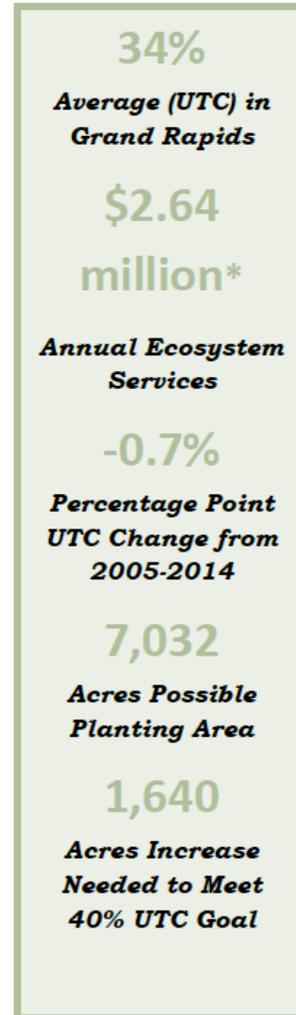


Figure 12: Percent UTC by Census Block Group.



Concept Design

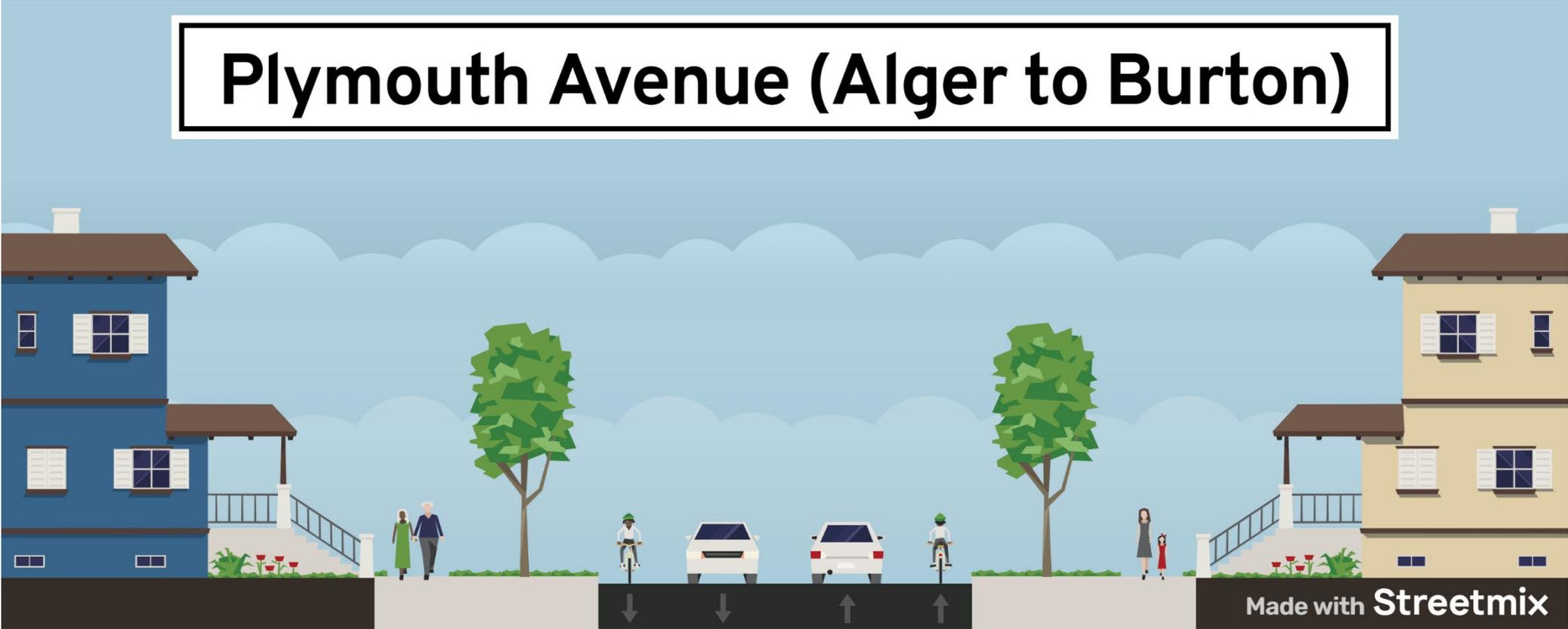


Concept Design

- Upgrade sidewalks and ramps to meet the Americans with Disabilities Act standards.
- Remove the parking lane on the west side of the street
- Create a left turn lane to enter Grand Rapids Christian High School main entrance.
- Install bicycle lanes on both sides of the street
- Remove some street trees.
- Plant new street trees.

Concept Design

Plymouth Avenue (Alger to Burton)





Discussion



Contact Information

- Road construction website:
grandrapidsmi.gov/roadconstruction
- City phone number: 311 or 456-3000
- Email: communityengagement@grcity.us
- Survey: gr.publicinput.com and search for *Plymouth*

