Austin Strategic Mobility Plan

GETTING THERE TOGETHER — ASMP

CITY OF AUSTIN · FOUNDED 1839

MCAC June 29th, 2017

6:00PM - 8:30PM

Austin Transportation Department

Agenda

Project Connect Status Update

ASMP Status Update

Chip Game

Next Steps

ASMP

Project Connect
Status Update

Project Connect Public Engagement

- July 26th Traffic Jam at Huston-Tillotson University
- Game night with Glass House Policy & Austin Monitor

Next MCAC Meeting: August 8th

Traffic Jam!
A Mobility Solutions Workshop for Central Texans

Mark your calendars!
Traffic Jam Event a la mode!
July 26, 2017

GETTING THERE TOGETHER ASMP

ASMP Status Update

ASMP Public Engagement

- Phase 1 of historically underserved community outreach completed
- Summarizing results

MetroQuest Online Survey Fall 2017

Imagine Austin
ASMP Vision Statement

AUSTIN IS MOBILE AND INTERCONNECTED

Austin is accessible. Our transportation network provides a wide variety of options that are efficient, reliable, and cost-effective to serve the diverse needs and capabilities of our citizens. Public and private sectors work together to improve our air quality and reduce congestion in a collaborative and creative manner.

- Interconnected development patterns support public transit and a variety of transportation choices, while reducing sprawl, congestion, travel times, and negative impacts on existing neighborhoods.

- Our integrated transportation system is well-maintained, minimizes negative impacts on natural resources, and remains affordable for all users.

- Austin promotes safe bicycle and pedestrian access with well-designed routes that provide connectivity throughout the greater Austin region. These routes are part of our comprehensive regional transportation network.

(MCAC recommended the addition of safety)

IMAGINEAUSTIN
COMPREHENSIVE PLAN
Vibrant. Livable. Connected.

City Council Adopted
June 15, 2012

GETTING THERE
TOGETHER ASMP

ASMP

Priority Results

Affordability	Commuter Delay
Health & Safety	Travel Choice	Sustainability
Innovation	Placemaking	Economic Prosperity

ASMP Priority Results

Overall Engagement

- 1. Affordability — 21%
- 2. Commuter delay — 19%
- 3. Health and safety — 15%
- 4. Travel choice — 14%
- 5. Sustainability
- 6. Innovation — 7%
- 7. Placemaking — 6%
- 8. Economic prosperity — 6%

Additional pie slice values: 12%

Progress to Date

- Traffic Jam
- Performed outreach to historically underserved populations
- Online survey
- Developed a right-of-way diagnostic tool
- Held scenario planning summit to define scenarios
- Identified indicators (community vibrancy and transportation) for scenario evaluation
- Began coordination with the bond corridor management team
- Developed initial outline for the ASMP report and have begun authorship of the background materials

GETTING THERE TOGETHER ASMP

ASMP and the MCAC

Initiating the Technical Phase of our Work

ASMP

- Build scenarios
- Evaluate scenarios using indicators
- Launch MetroQuest online survey
- Identify a preferred mobility strategy
- Develop prioritization methodology

ASMP Process at a glance

Express Ideas	Create Choices	Evaluate Outcomes	Develop Preferred Strategy
Chip Game	Scenarios	Metrics	ASMP
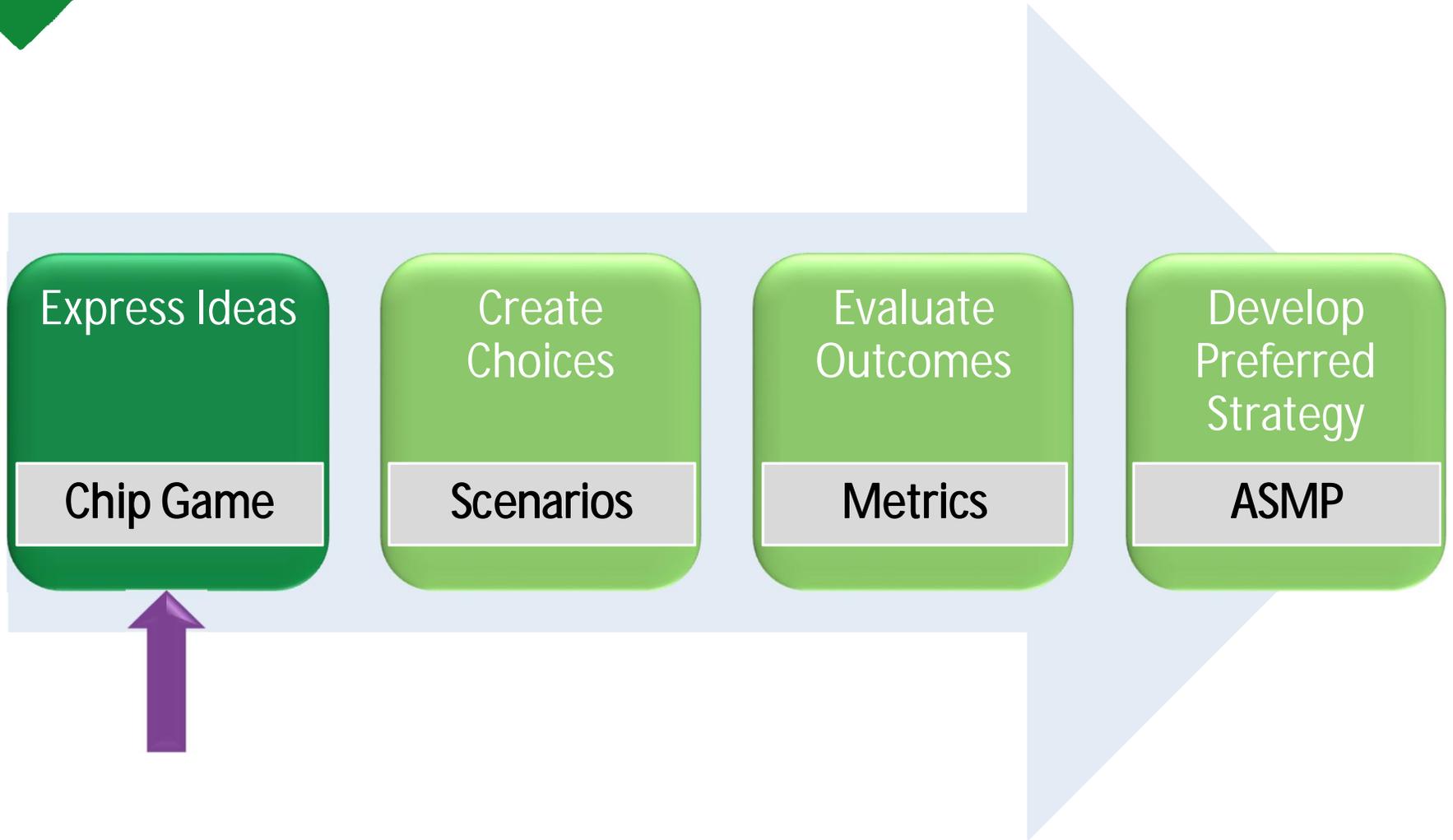
Chip Game

Much more than a game...

A Few Reminders

Austin will continue to grow

Imagine Austin is the Vision; the ASMP is the strategy.

We have a fixed budget, not an infinite purse.

Two things cannot occupy the same place at the same time.

Consider all viewpoints, understand what your colleagues are after – collaborative exercise

Chip Game: Purpose

*We need your help to inform the creation of scenarios*

Have the MCAC provide a variety of approaches for how best to respond to the allocation of strategies.

Have the MCAC help inform the identification of some performance targets for the Preferred Strategy by expressing a mode share expectation.

Recognize the constraints of both dollars and space and the need to engage in trade-off decisions when developing the ASMP strategy

GETTING THERE TOGETHER ASMP

Chip Game: Investments
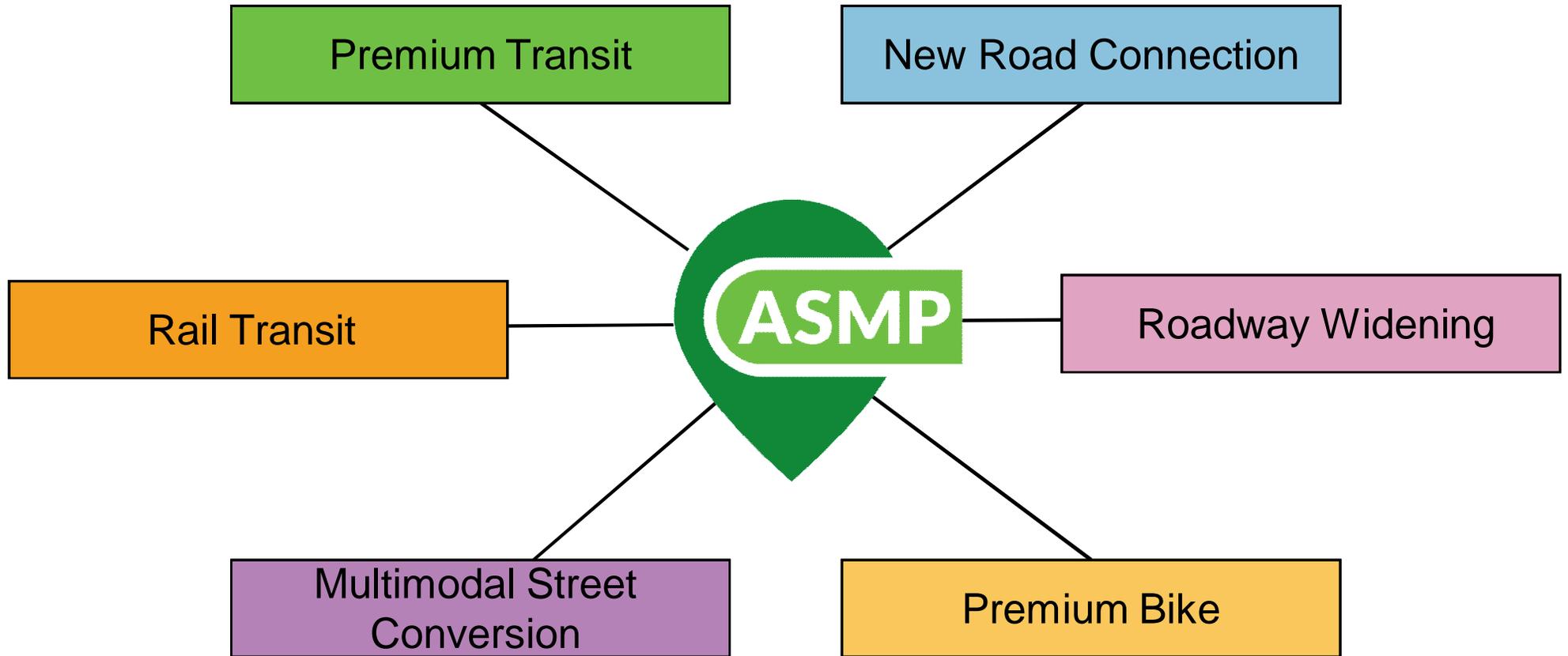
ASMP Chip Game: Process

Chip Elements
1 chip = 1 mile

Chip Packet

Rail Transit

Premium Transit

New Road Connection

Premium Bike

Multimodal Street Conversion

Roadway Widening

Future Network

Chip Game: Allocation

Strategy Menu Ingredient	Unit Value	Number of Chips in Starter Packet
New Road Connection	15	12
Roadway Widening	5	18
Rail Transit	25	15
Premium Transit	10	22
Premium Bike	5	30
Multimodal Street	5	21

Notes:
- *This budget is illustrative; it is not representative of the total ASMP budget for transportation improvements.*
- *This exercise assumes that every investment includes the installation of sidewalks.*
- *Each chip = 1 mile*

GETTING THERE TOGETHER ASMP

Chip Game: Strategy Menu

Transportation Strategy Menu

GETTING THERE TOGETHER — ASMP

| Strategy	Description	Unit Value
New Road Connection	New location roadway	15
Roadway Widening	Widening primarily auto-centric, heavy commuter corridors for operational efficiency	5
Rail Transit	Any new or expanded passenger rail service, regardless of service characteristics or technology	25
Premium Transit	BRT, dedicated lanes and enhanced service characteristics	10
Premium Bike	Generally, protected and separated bike facilities and potentially shared use paths	5
Multimodal Street Conversion	Conversion of an existing street to a street where bike and transit are able to coexist and where auto traffic isn't exclusively prioritized	5

New Road Connection

- New location roadway
- Must adhere to Street Design Requirements

New Road Connection

←————————————————→

1 mile

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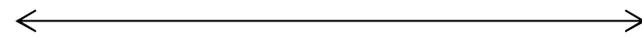
Road Widening

- Widening primarily auto-centric, heavy commuter corridors for operational efficiency

- Assume 2-lane to 4-lane <u>OR</u> 4-lane to 6-lane widening

- Must adhere to Austin Street Design Requirements
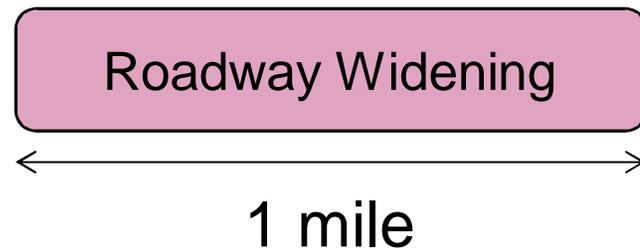
Roadway Widening

← 1 mile →

Source: CompleteStreets.org

GETTING THERE TOGETHER ASMP

Rail Transit

Any new or expanded passenger rail service, regardless of service characteristics or technology

Rail Transit

← 1 mile →

Premium Transit

BRT, dedicated lanes, and enhanced service characteristics

Premium Transit

⟵————————⟶

1 mile

Premium Bike

Generally, protected and separated bike facilities and potentially shared use paths

Premium Bike

← 1 mile →

Multimodal Street Conversions

— Source: CompleteStreets.org

Conversion of an existing street to a street where bike and transit are able to coexist and where auto traffic isn't exclusively prioritized

Multimodal Street Conversion

← 1 mile →

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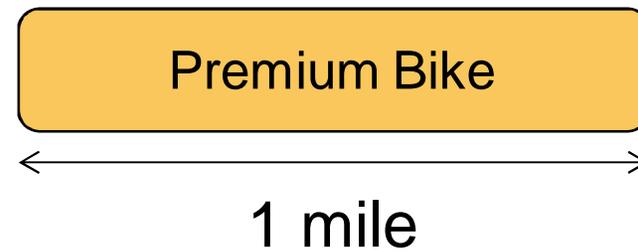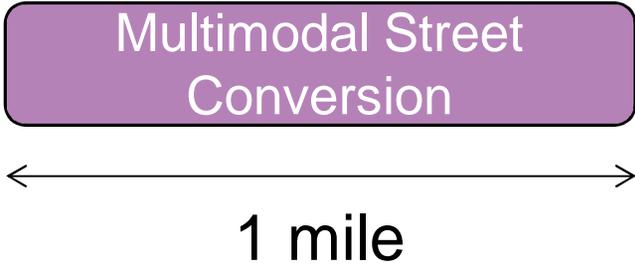
Innovative Transportation
ITS & TDM

ASMP

Intelligent Transportation System (ITS)

A technology, application, or platform, that improves the quality of transportation, or achieves other outcomes based on applications that monitor, manage, or enhance transportation systems.

- Traffic management centers
- Closed circuit television (CCTV) cameras for active traffic management
- Smart work zones

Transportation Demand Management (TDM)

The application of strategies and policies to reduce travel demand, or to redistribute this demand in space or time.

- Telecommuting policies
- Subsidized transit costs for employees
- Managed lanes
- Bicycle storage areas and showers at workplaces
- Using traveler information apps to promote non-SOV travel

How will you consider using these?

Innovative Transportation

Connected Vehicles

Vehicles equipped with advanced technology for communication with other vehicles and roadside infrastructure
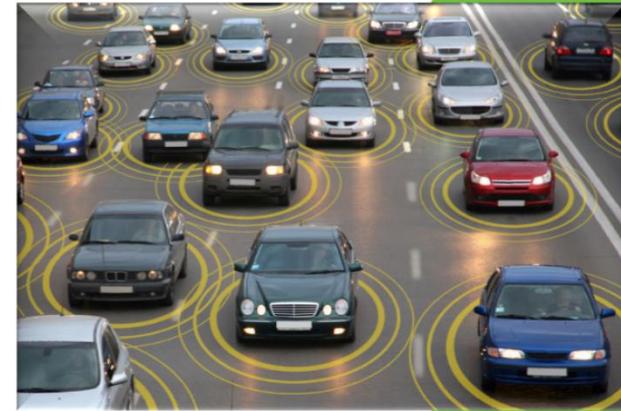
Autonomous Vehicles

Automated vehicles that can perform driving functions without a driver at any time, using sensors to understand their surroundings and make informed decisions to take action

Ridesharing

A service that arranges one-time shared rides on very short notice.

How will you consider using these?

ASMP General Instructions

Dump out the chips

Arrange chips on map

Trade: add or remove chips

Apply chips to map

Present map to group

Your Resources...

![ASMP logo]

Reporting Back
What we'd like to hear...

What was the overarching theme (or name) of your map?

How have you incorporated ITS & TDM investments?

How did you consider the influence of AV/EV/CV?

What is your expected mode share? (Current SOV: 74%)

Next Steps

Austin Strategic Mobility Plan

MCAC June 29th, 2017
Austin Transportation Department