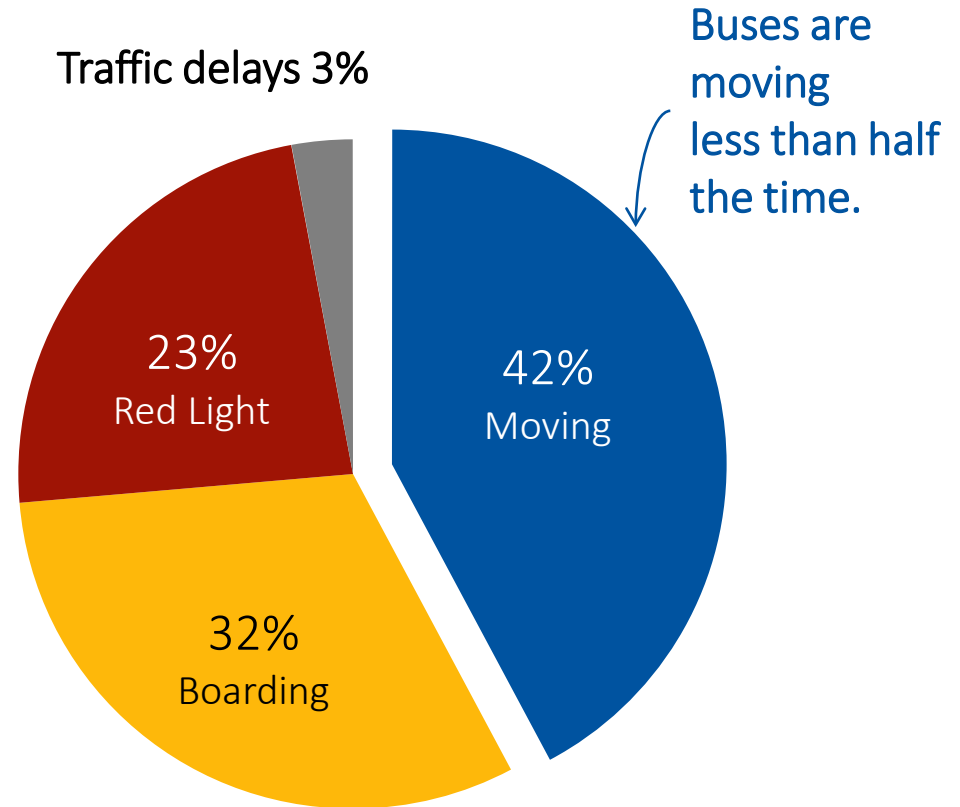# Katie Roth

Manager, Arterial Bus Rapid Transit
Minneapolis-St. Paul Metro Transit
@katielynroth

Metro Transit

# How can we make the most-used buses *faster*?
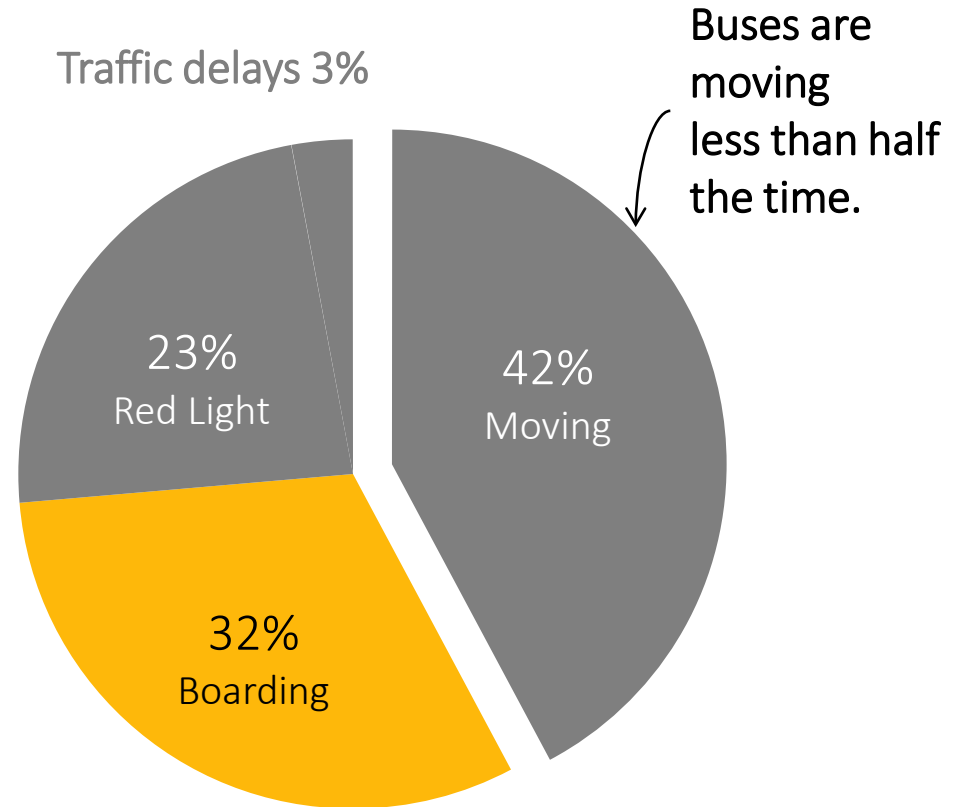
Reduce the time buses are stopped at red lights.

Reduce the time it takes to get on and off the bus.

Traffic delays 3%

Buses are moving less than half the time.

23%
Red Light

42%
Moving

32%
Boarding

Metro Transit

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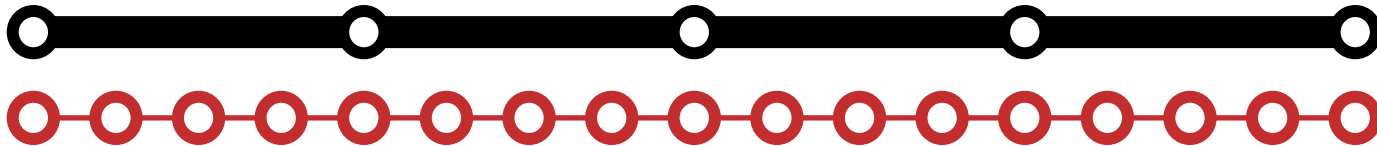42% Moving

32% Boarding

Metro Transit

# The most powerful tools

Problem: Local bus service at 80 stops per direction, every 10 minutes

Everyone boards & pays at the front door.

Tools: Rapid bus service at 20 stations, every 10 minutes
Fully off-board fare payment and all-door boarding

+ Local bus service at all 80 stops, every 30 minutes

Metro Transit

Calmer streets

Opportunity to rethink transit in street design

Shorter dwell times at stops

Fewer operating resources for the same service level

Fewer schedule variables, better reliability

Fewer conflict points with other modes

*where the destinations are.
*where people actually want to go.

More people choose transit

Faster speeds, shorter travel times for most

Fewer* bus stops

Longer walk for 25-30% of customers

Mitigating "safety net" service requires resources

Dignified, easier-to-use bus stops

Opportunity to invest in the bus stop environment

Opportunity to focus pedestrian improvements

Opportunity to invest in ongoing maintenance

Visible transit permanence in the street

More transit-supportive land uses

More walkable transit corridors

12,000 bus stops systemwide

Metro Transit

# Create a place worth the walk

# Rethink how street space is organized
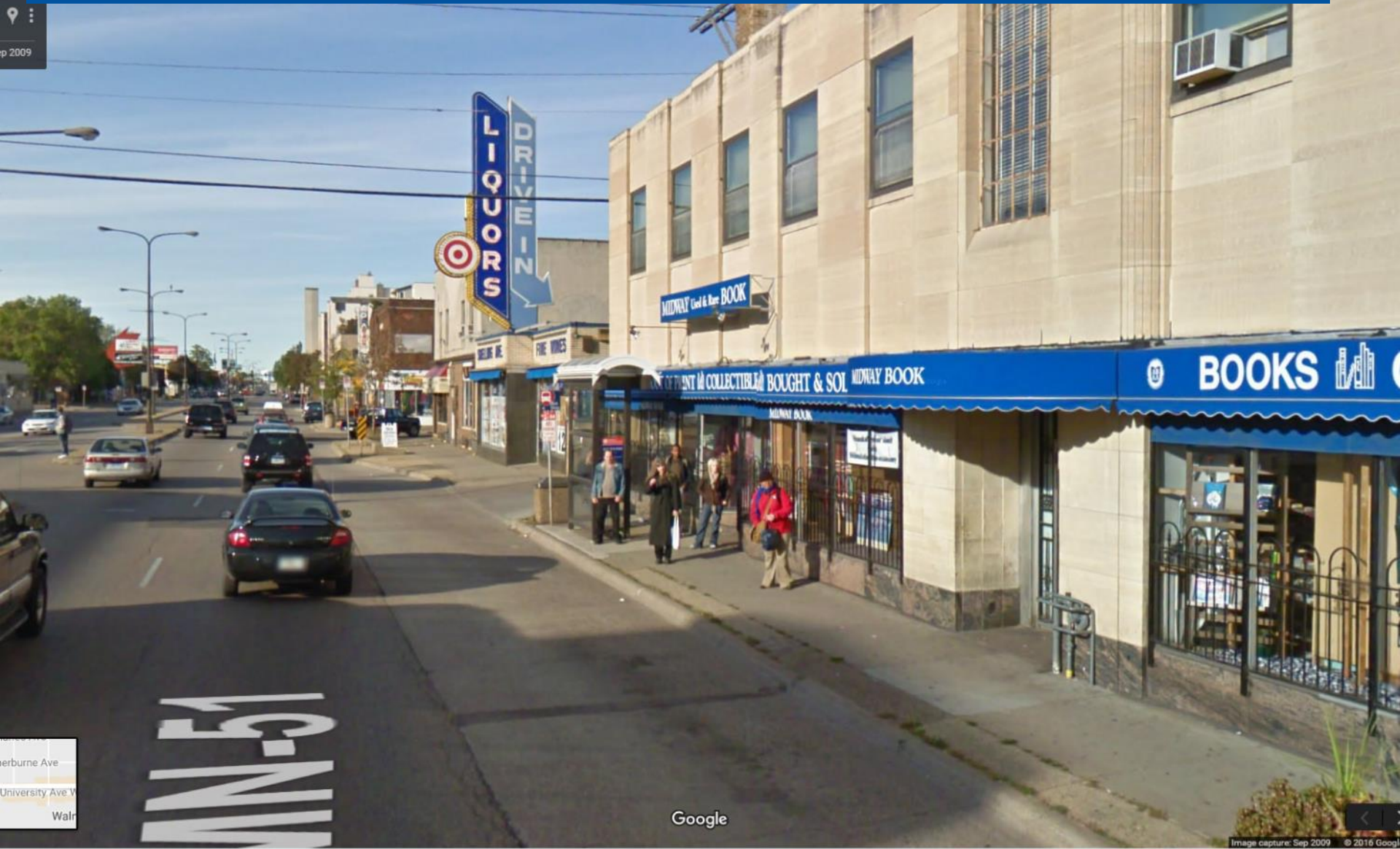
# Rethink how street space is organized
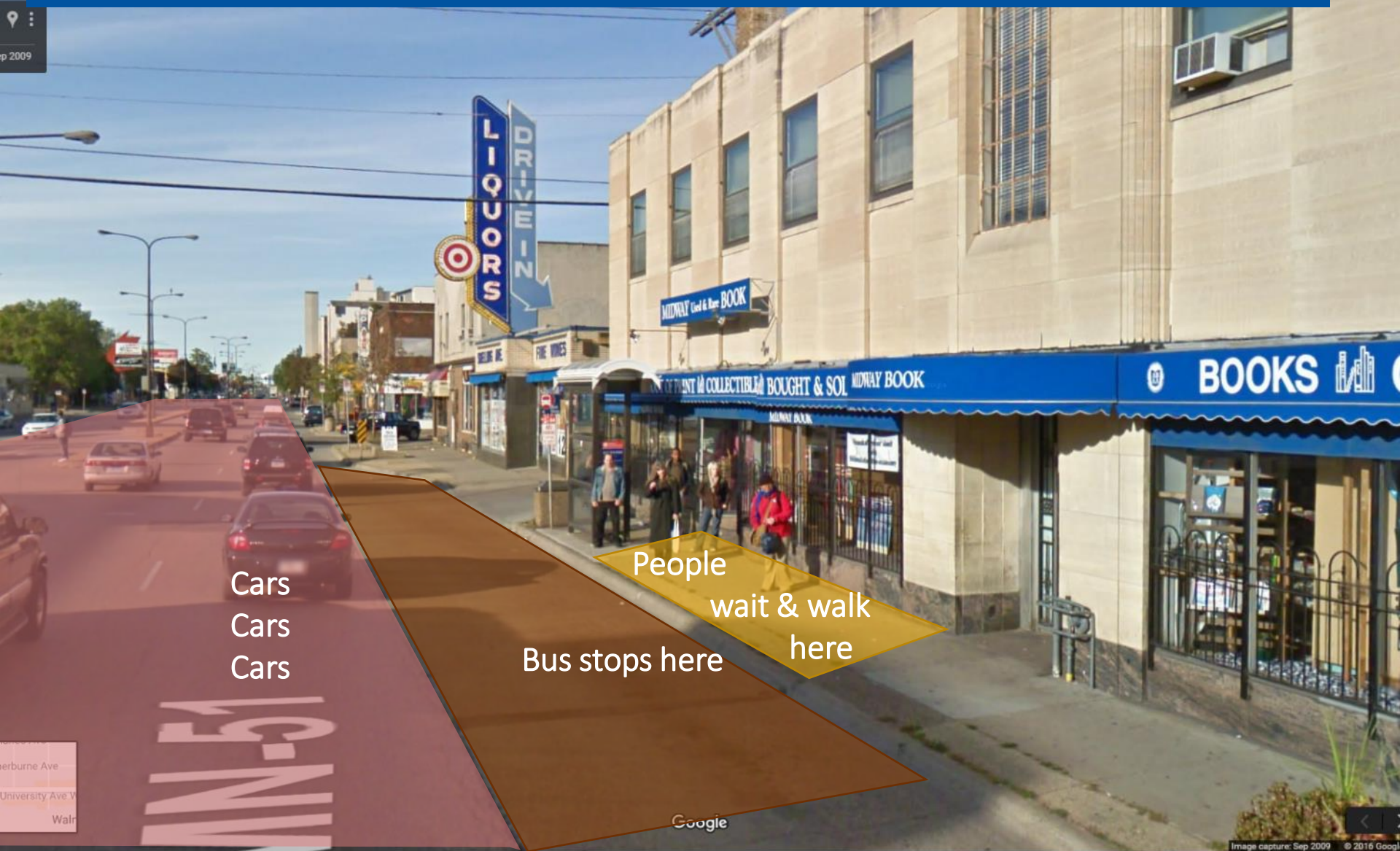
Cars
Cars
Cars

Bus stops here

People wait & walk here

Metro Transit

# Rethink how street space is organized



Bus stops in travel lane

2 + 4 = 6' clear snow plow zone

2' Tactile Edge

4' Clear Boarding Area

~6' typical Furnishing Zone

Unobstructed sidewalk

Penn Ave N

# Katie Roth, Minneapolis-St. Paul Metro Transit

Julianne Sabula, Salt Lake City

Stephen Tu, Los Angeles Metro