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# FORD SITE

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A 21<sup>st</sup> Century Community

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**BICYCLES, PEDESTRIANS  
AND TRANSIT**

**April 30 , 2015**

# UPCOMING FORD MEETINGS



## Streets, Parking and Traffic

- May 21 (Thursday)

## Stormwater & other infrastructure

- June 23 (Tuesday)

## Jobs & Housing

- July 22 (Wednesday)

Future topics and dates in Fall 2015

Time and

Location

7:00 – 8:30 p.m.

at Gloria Dei

Lutheran Church

# AGENDA

- ❖ 7:00 p.m. Welcome
- ❖ 7:05 p.m. Remarks from Councilmember Tolbert
- ❖ 7:10 p.m. From Vision to Priorities
- ❖ 7:15 p.m. Priorities & Questions
- ❖ 7:30 p.m. What Do You Think? - Topic Tables Input
- ❖ 8:30 p.m. Adjourn

# TOUR DE HIGHLAND



**2015**

**Saturday, May 16<sup>th</sup>**

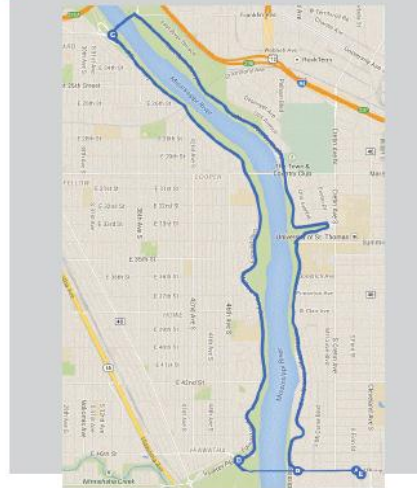
**10 a.m. - 2 p.m.**

**Register online at:**

[www.highlanddistrictcouncil.org](http://www.highlanddistrictcouncil.org)

## BIKE ROUTES

### 10 Mile Route



### 21 Mile Route



## EATERIES

- TeaSource
- Pieology
- Lunds
- Haskell's
- Highland Café
- 7th Street Social
- Menchie's
- Tiffany Sports Lounge
- Quixotic
- Highland Grill
- Potbelly
- Lifetime Cafe
- Bruegger's
- Jimmy John's
- Smashburger

★ Complimentary samples included in registration! ★

# TRANSPORTATION PRINCIPLES

- ❖ Interconnected system of streets, bikeways, and walkways that is safe and accessible for people of various ages and abilities.
- ❖ Mix and density of activities to support transit through and around the site.
- ❖ Urban design and site layout to reduce auto trips and manage traffic impacts.



# NO CARS TONIGHT (NEXT MTG)

- ❖ Tonight our focus is transportation by bicycle, foot or transit

- ❖ May 27th meeting is about Streets, Traffic and Parking  
*- same time and place as this meeting*



# RELATED PLANNING EFFORTS



Saint Paul  
Comprehensive  
Plan  
(2008)

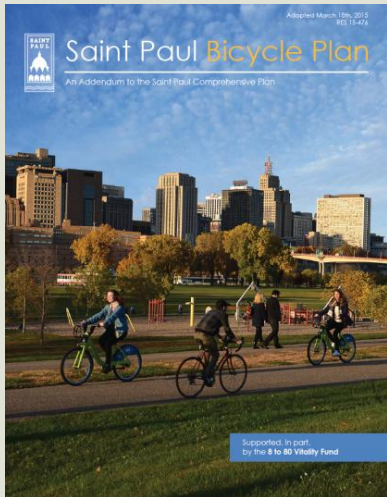


## GREAT RIVER PASSAGE

A Master Plan for Saint Paul's 17 Miles of Mississippi River Parklands  
July, 2012

PROPOSED AMENDMENT TO SAINT PAUL'S COMPREHENSIVE PLAN  
City Council Public Hearing Draft / April 2013

Great  
River  
Passage  
(2013)



Saint Paul  
Bicycle  
Plan  
(2015)



Saint Paul  
Street  
Design  
Manual  
(Draft)



Riverview Corridor Study  
(In Process)

# WHERE WE ARE IN THE PROCESS





# PURPOSE OF THE TOPIC MEETINGS

- Share information
- Provide background



- Identify choices and trade-offs
- Clarify expectations



- Seek input on priorities / questions



- Use input to refine priorities



- Prepare zoning and public realm plan

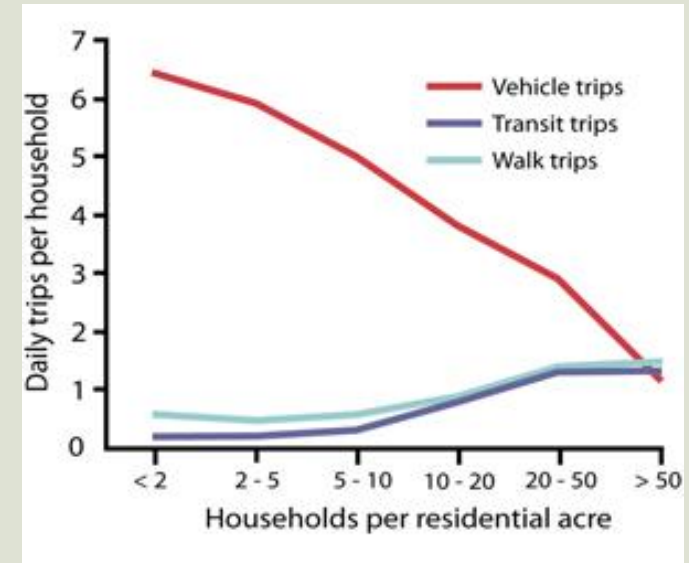
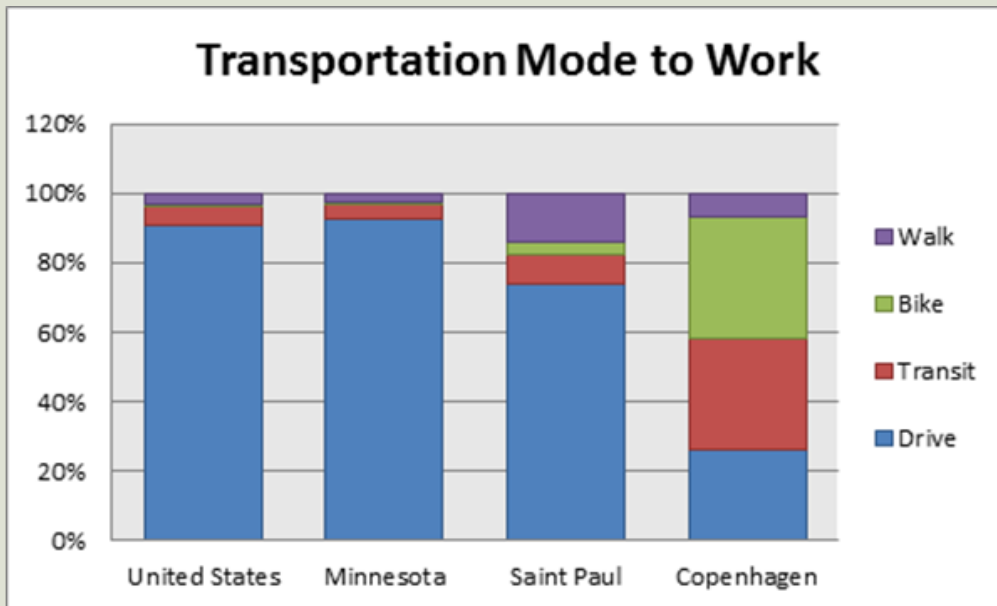


**Example only!**

# TRAVEL MODE TRENDS

In the United States\*:

- Public transportation use increased 37% since 1995 and is at the highest rate since 1956
- Bike commuting increased 60% since 2005

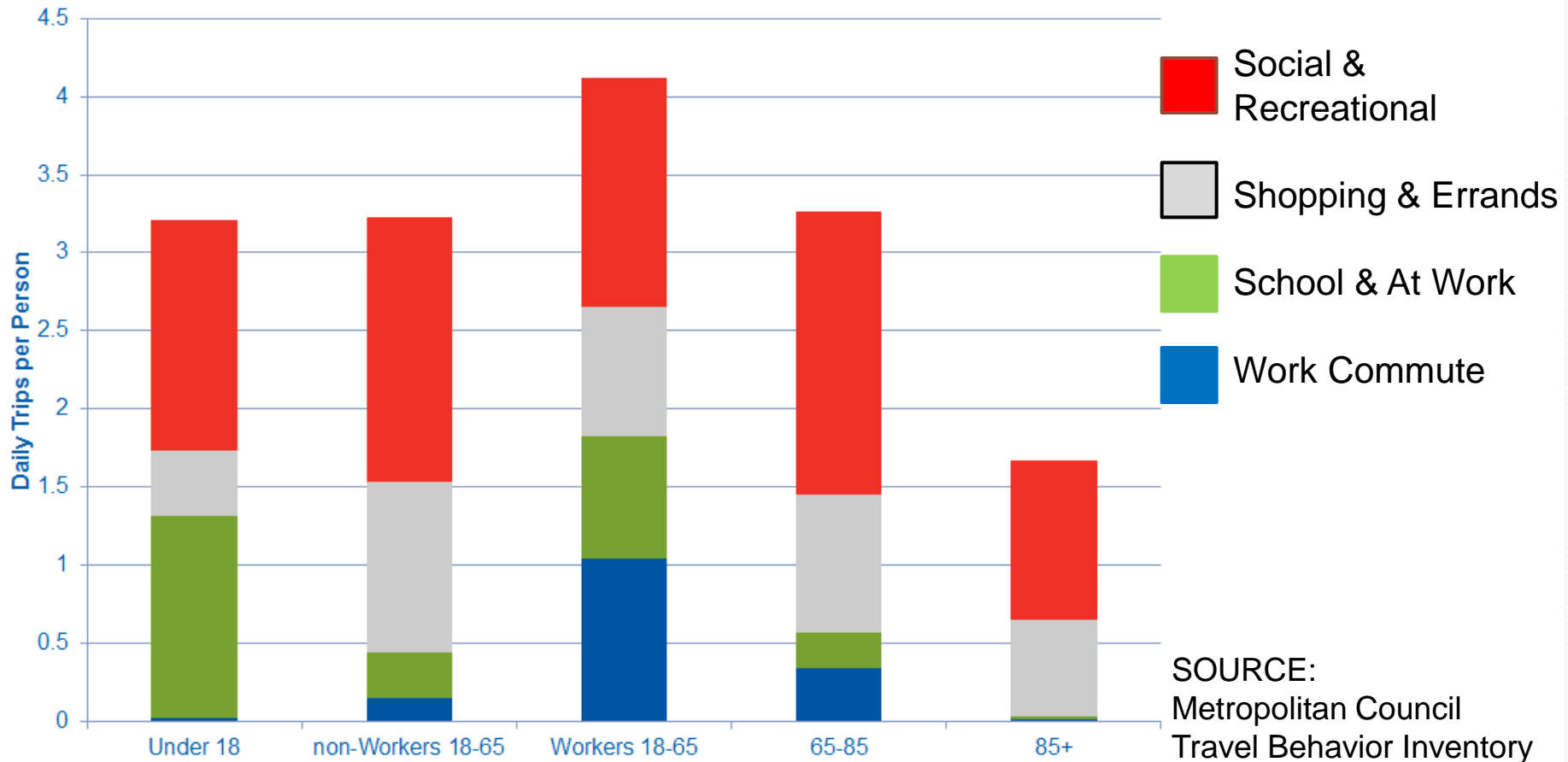


- Miles driven per person in United States decreased 9% since 2005
- Increased density reduces car trips

\*Source: 11 Reasons Why Trains, Buses, Bikes and Walking Move Us Toward a Brighter Future, by Jay Walljasper

# TRIP PURPOSE

## Travel by Age Group (Regional)



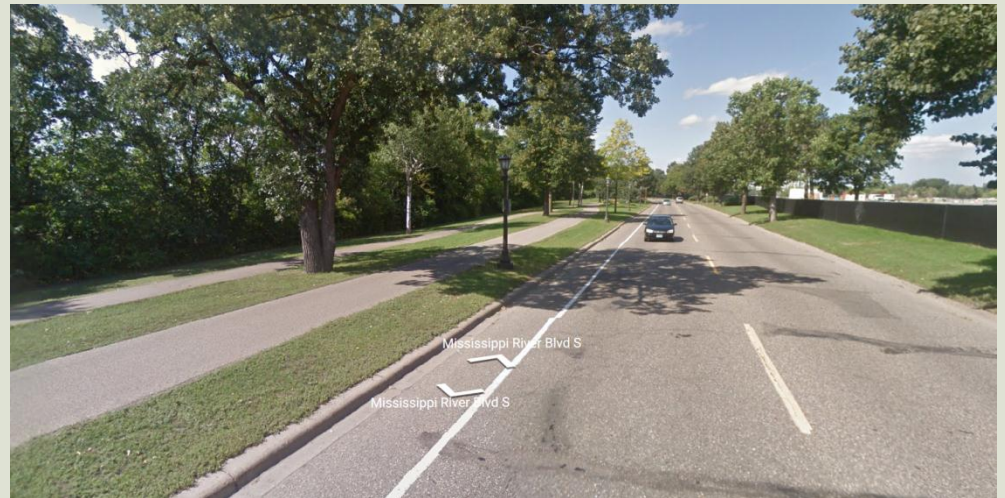
# SAFETY THROUGH SEPARATION

Assumptions:

- Safety is enhanced when bicycles, pedestrians, and motorists are provided separate spaces as volumes and speeds increase



Shared Space



Separated Spaces

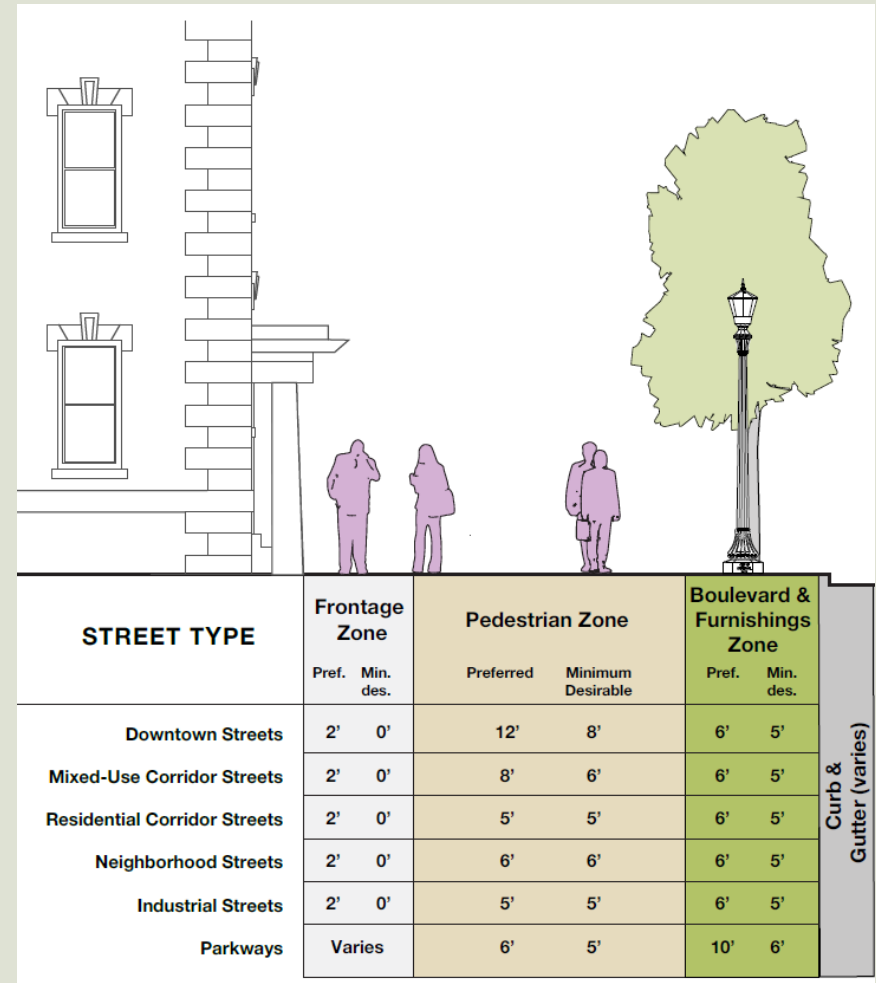
# PEDESTRIAN ENVIRONMENT

## Assumptions:

- Elements that impact the pedestrian environment are:
  - Street lighting
  - Landscaping
  - Urban Design
  - Sidewalk activities
  - Traffic calming
  - Way finding
  - Maintenance & cleanliness

## Question:

- What will help create a strong pedestrian environment?



# TYPES OF BICYCLE FACILITIES

- Types of bicycle facilities:
  - Shared street lane
  - Painted bike lane
  - Protected bike lane
  - Off-street trail (often includes walking path)



Photo: Paul Krueger Creative Commons, Vancouver

## Question:

- What will help create a strong bicycle network on and around the Ford site?



Credit: Michael Richardson

# EXISTING AND PLANNED BIKEWAYS

## Assumptions:

- Bicycling is an increasingly popular form of transportation
- St Paul and Highland's bicycle network should and will be expanded in coming years

## Question:

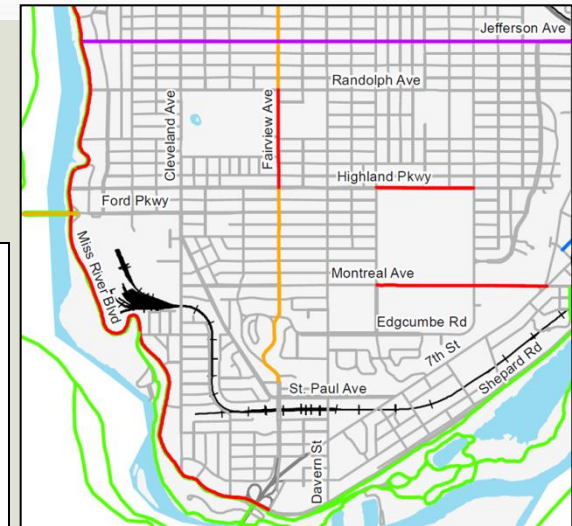
- How should the planned bicycle network be extended into the Ford Site?

## Existing Bike Network

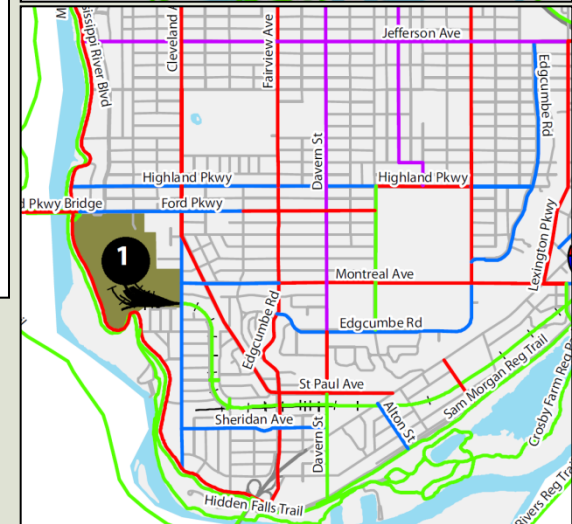
### Legend

#### Facility Type Group

- Off-Street Path
- In-Street Separated Lane
- Bicycle Boulevard
- Enhanced Shared Lane
- Area for Additional Study
- +— Freight Railroad



## Planned Bike Network



# BICYCLE SUPPORT FACILITIES

## Assumptions:

- Availability of bicycles and bike parking increases ridership

## Question:

- What support facilities do you recommend to support more bicycling for transportation or recreation?





# PEDESTRIAN/BICYCLE CORRIDORS

## Assumptions:

- Strong bicycle and pedestrian networks will be created into and throughout the site

## Questions:

- What types of corridors are appealing to you for connecting to and through the Ford site?
- How and where should they be used?

## CORRIDOR TYPES



Pedestrian Mainstreet  
(20-60 feet)



Neighborhood Corridor  
(28-40 feet)



Lane (12-14 feet)



Bicycle & Pedestrian Trail  
(26-44 feet)

# FORD PARKWAY

## Assumptions:

- Ford Parkway is challenging for people walking and biking along and across it
- Bicycle and pedestrian connections from Ford Parkway to Mississippi River Blvd need improvement

## Questions:

- How can we improve bicycle and pedestrian safety along Ford Parkway?
- How should pedestrian and bicycle connections between Ford Parkway and Mississippi River Boulevard be improved?



# BOTTLENECKS ON MISS. RIVER BLVD

## Assumptions:

- Narrow spots on Mississippi River Blvd (MRB), particularly at bridges, provide inadequate width for separate pedestrian & bike trails, creating conflicts between bicyclists and pedestrians and reducing safety



## Questions:

- How should “pinch points” on MRB trail be addressed to reduce conflicts between bicyclists and pedestrians?

# EXISTING AND PLANNED TRANSIT

## Existing Transit

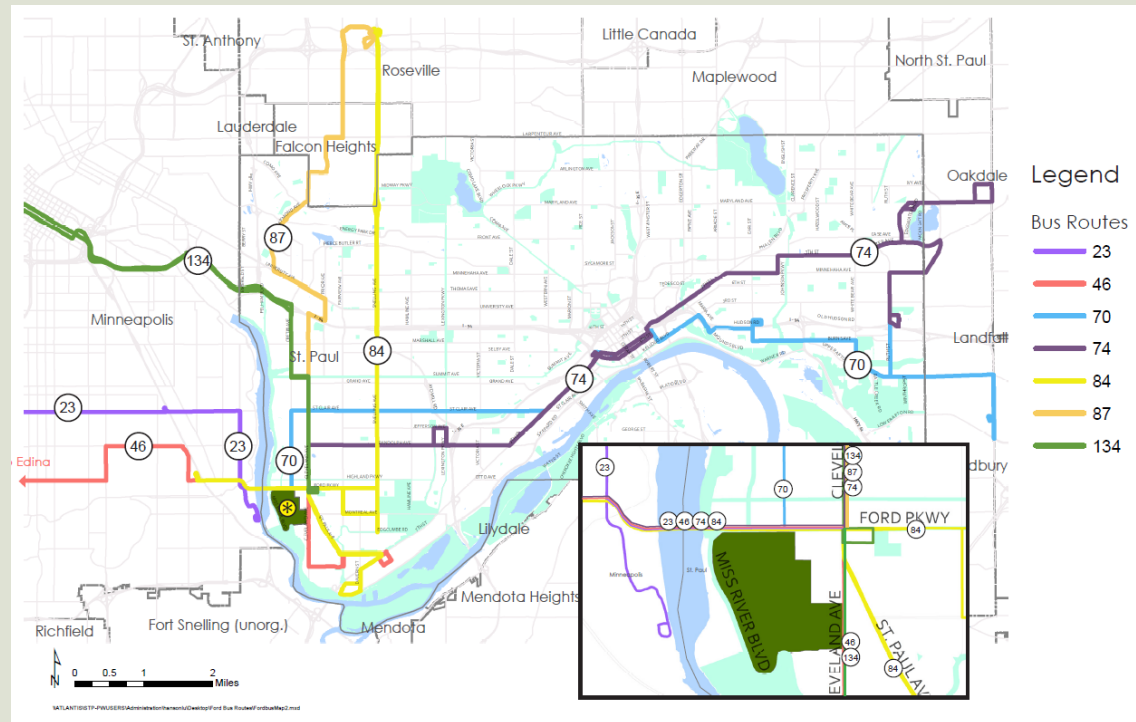
- Bus Routes 23, 46, 70, 74, 84, 134,

## Planned Transit

- A Line Bus Rapid Transit

## Questions:

- How can local transit service be improved?
- What would encourage you to make more trips by transit?
- How and what type of transit should serve and go through the Ford site?

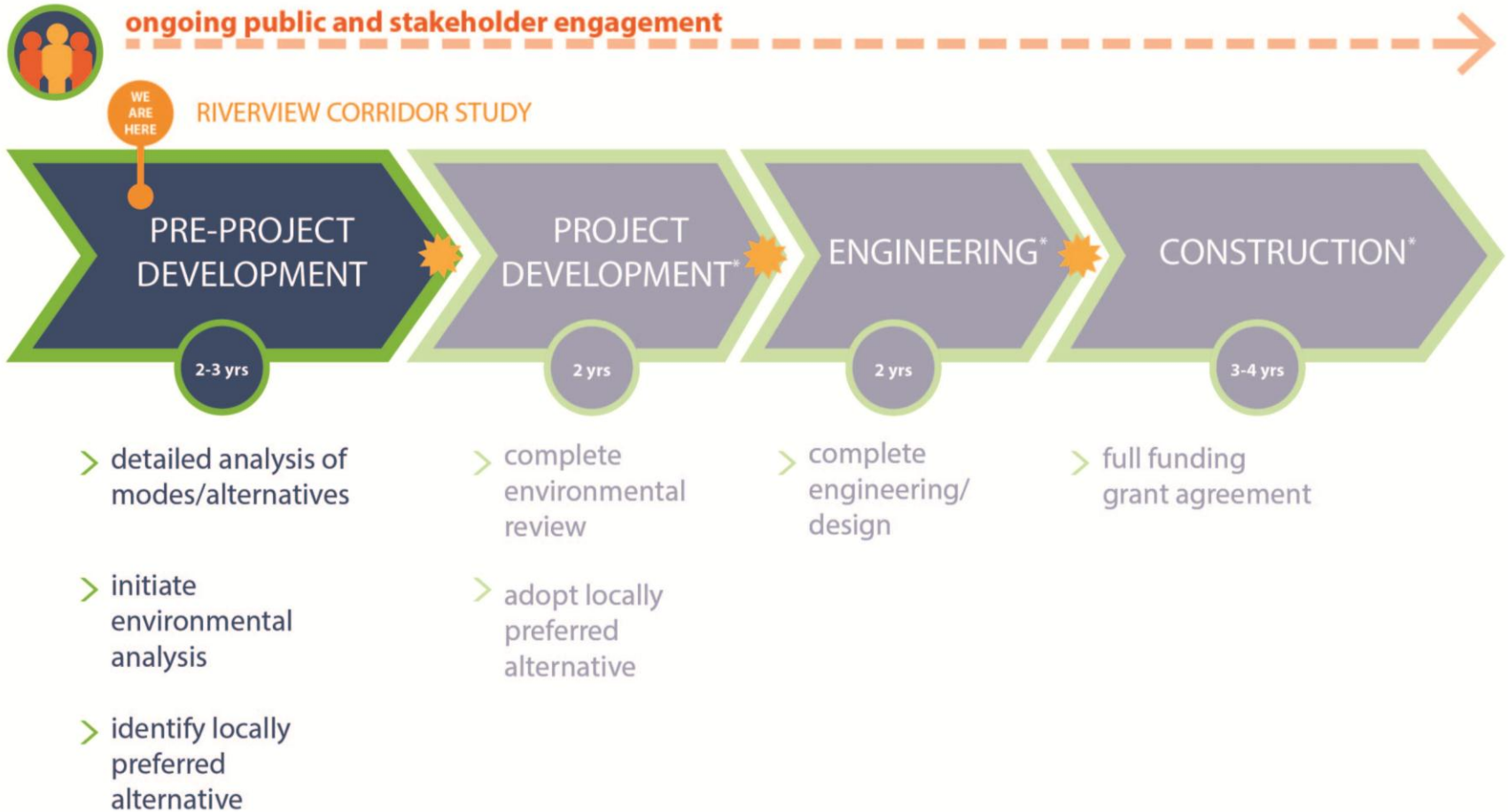


# Why Study Transit In the Corridor?

- Provide transportation choices to a growing population, including transit reliant
- Support and catalyze economic development
- Connect major destinations and job centers, and to the regional transportation system
- Enhance local access to destinations in neighborhoods
- Enhance connections to the Mississippi River



# Project Implementation Process



★ If pursuing federal funds, Federal Transit Administration (FTA) approval point

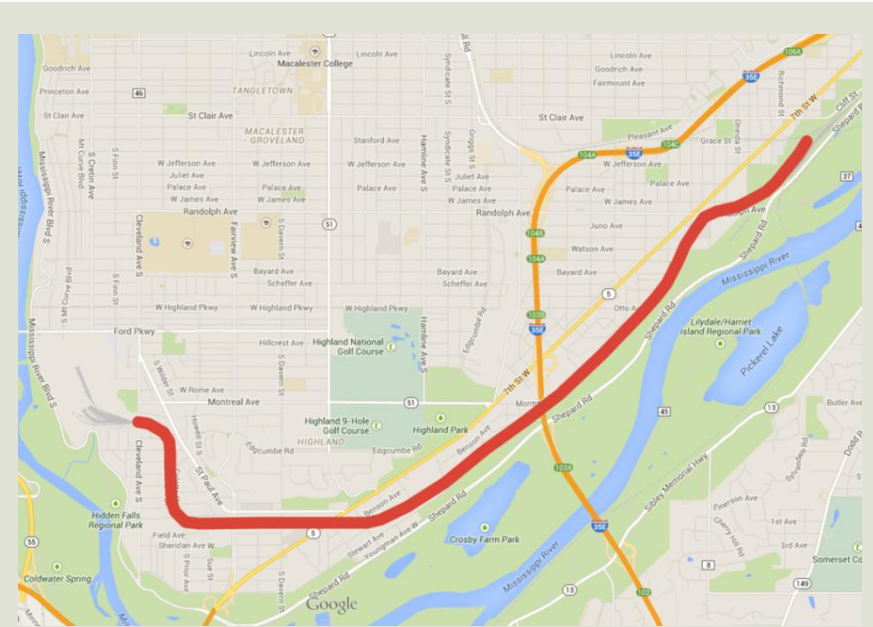
\* Funding for subsequent phases has not yet been determined

# Relationship to the Ford Site

- **Economic Development:**  
Riverview can be a catalytic investment that encourages economic development.
- **Connectivity/Mobility:**  
Limited transportation routes access the Ford Site. Riverview may provide a direct or indirect connection to the site.
- **CP Rail Spur:**  
CP Rail Spur connects to the site and has been identified by the community as a potential Riverview alignment.
- **Mode:** Bus and Rail options being evaluated.

# CANADIAN PACIFIC RAILWAY SPUR

- 5-mile rail spur owned by Canadian Pacific Railroad
- Future heavy rail user unlikely
- City received federal TIGER grant (\$100,000) to evaluate spur for potential as a public transportation corridor for a bicycle / pedestrian trail and possibly transit (study in 2016)





# CO-LOCATION POTENTIAL FOR SPUR

## Assumptions:

- **Co-location** – locating multiple transportation modes within the same corridor
- Canadian Pacific Railway spur offers an opportunity for co-location of transit and a multi-use path

## Questions:

- What ideas and comments do you have about potential use of the rail spur for a bicycle and pedestrian corridor, potentially adjacent to transit?

Hiawatha  
LRT Trail



BRT  
Metro  
Orange  
Line –  
Los  
Angeles



# YOUR INPUT – TOPIC TABLES

## Input Tables:

1. Background Info – Principles and Trends
2. Pedestrian Environment
3. Bicycle Environment
4. Bicycle Facilities
5. Ped-Bike Corridors
6. Ford Parkway
7. Bottlenecks on MRB
8. Existing and Planned Transit
9. Riverview Corridor
10. Railway Spur and Co-location



## How to engage:

- Circulate among the tables
- Consider the topic at each
- Ask questions or chat with the table facilitator and others at the table
- Provide input at each table -- notes; 'dot' voting; or drawing on the images

# STAY CONNECTED



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