

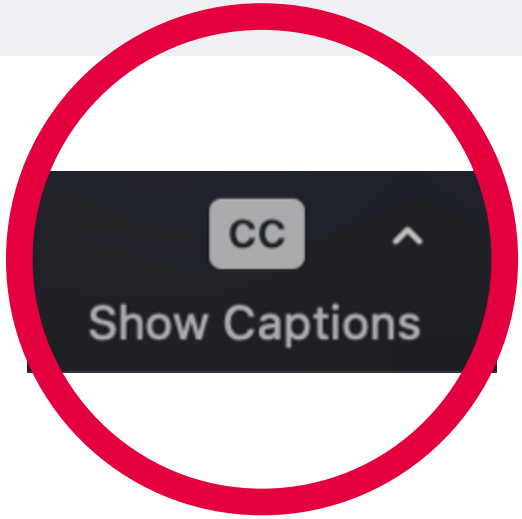
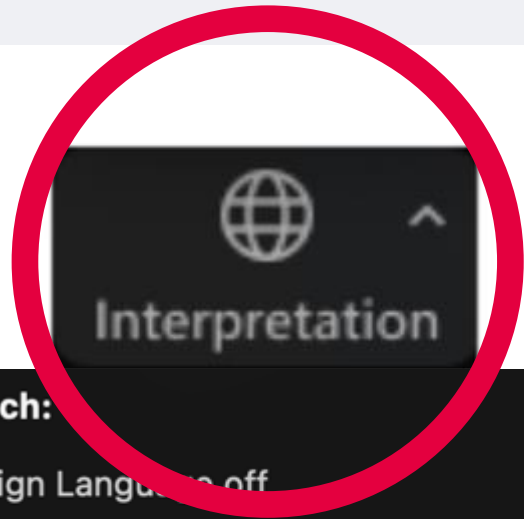


Welcome!

**Red and Purple Modernization (RPM)
Next Phases Study
Public Meeting**

March 2023

SETTINGS: Interpretation + Captioning

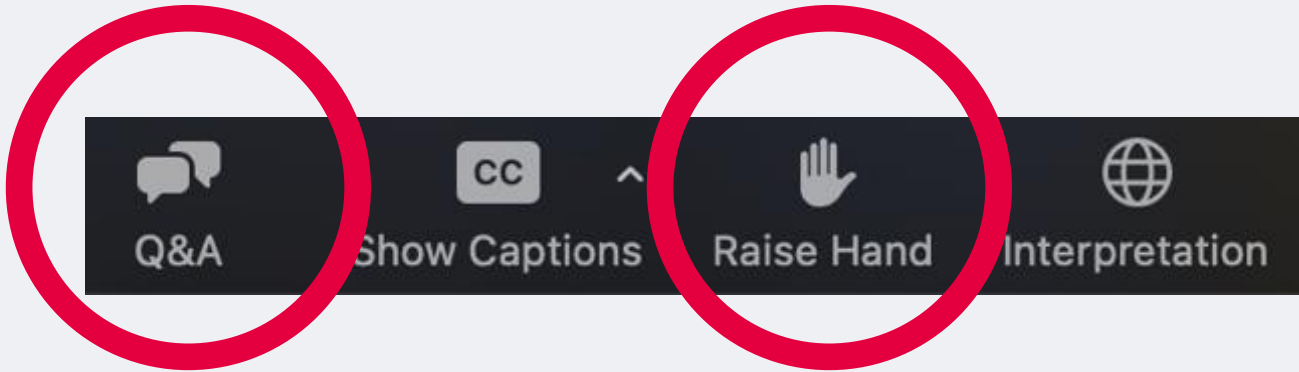


- Watch:**
- Sign Language off
 - ✓ American Sign Language
- Listen In:**
- Original Audio (Interpretation Off)
 - English
 - ✓ Spanish
 - ✓ Mute Original Audio

REMINDERS: Questions + Tech

Ask questions
via Q&A panel

For tech support,
click “Raise Hand”



HOW TO: Zoom Polls

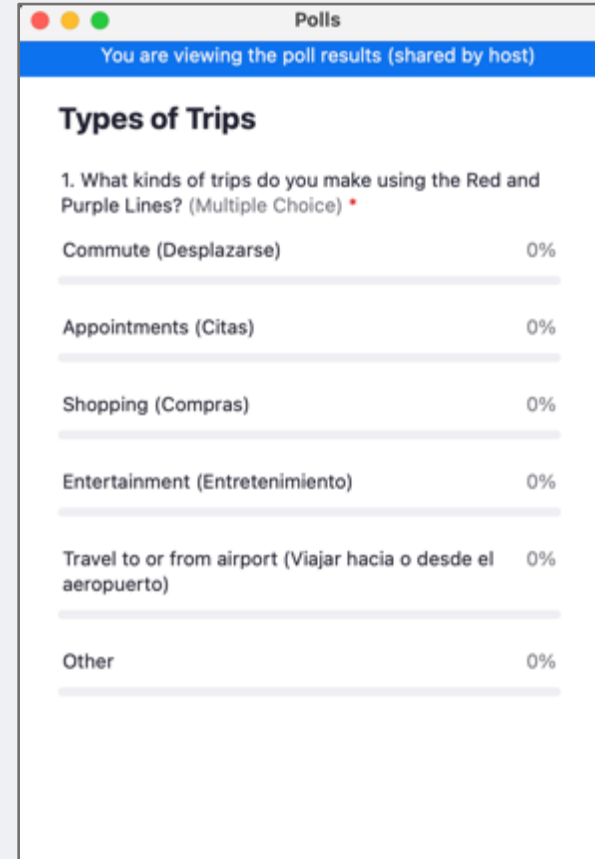
Types of Trips

1. What kinds of trips do you make using the Red and Purple Lines? (Multiple Choice) *

- Commute (Desplazarse)
- Appointments (Citas)
- Shopping (Compras)
- Entertainment (Entretenimiento)
- Travel to or from airport (Viajar hacia o desde el aeropuerto)
- Other

Submit

Sample Poll Window



Sample Results Window

PROJECT TEAM INTRODUCTIONS

Project Team Presenters



Leah Dawson Mooney
CTA
Director of Strategic
Planning and Policy



Sonali Tandon
CTA
Senior Manager,
Strategic Planning



Christina Bader
CTA
Project Manager



Marissa Strassel
MUSE Community + Design
Senior Associate



Jacki Murdock
CDM Smith
Planner

MEETING PURPOSE

We are discussing how CTA is *investing in the future* of the Red and Purple Lines.

The purpose of this meeting is to:

- Share information
- Discuss study elements and outcomes
- Share our approach to engagement
- Gather feedback

Meeting the Moment, CTA's post-pandemic action plan

transitchicago.com/meetingthemoment/



RPM NEXT PHASES STUDY

AGENDA

Overview & Timeline

Existing Conditions

Study Elements

Outreach & Engagement

Questions + Answers

Next Steps



**POLL
Question #1**



**Are you Red Line,
Purple Line rider,
or do you use both?**

Overview



WHAT IS THE NEXT PHASES PLANNING STUDY?

- A program of Red Ahead
- **Planning work** to determine improvements focusing on **three segments**:

Evanston Branch

Thorndale to Howard

Addison to Sheridan

- **Concurrent with Phase One** construction



RED AHEAD PROGRAM

RED AHEAD

SUMMARY

A comprehensive initiative for modernizing and expanding Chicago's most-traveled rail line

GEOGRAPHY

Includes **three major improvement projects** on the Red and Purple Lines between Linden to 130th Street

OUTCOMES

Projects are **mutually beneficial**—an improvement in one area of the Red Line benefits the entire Red Line.



RPM CORRIDOR PLANNING



Goals – RPM Vision Study (2010)

Expand capacity

More trains with less crowding

Speed service

Fewer curves and better infrastructure

Improve reliability

More trains on-time

Improve accessibility

All stations accessible to people with disabilities

Build modern facilities

New wider stations, reliable infrastructure for future

Support economic development

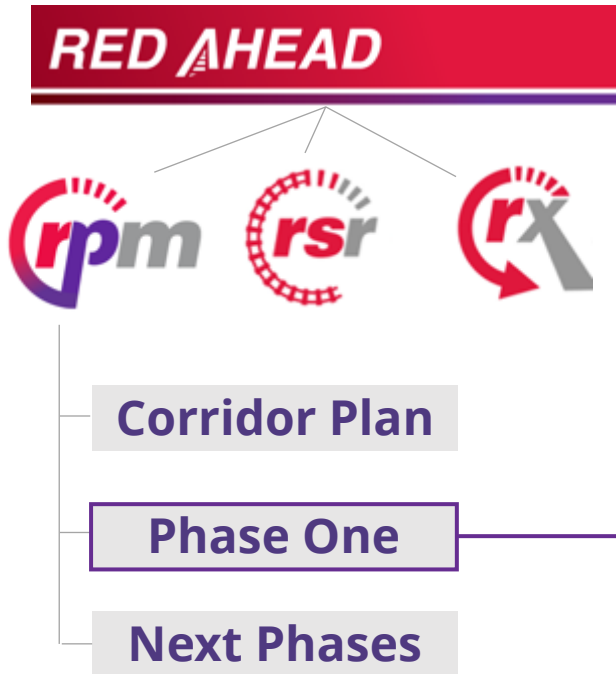
More jobs and new development opportunities

Improve customer experience

Modern, quiet, and smooth ride

RPM NEXT PHASES STUDY

RPM PHASE ONE



Largest capital improvement project in CTA history (\$2.2B)

- Completely rebuilding sections of the line to modernize and meet capacity demands

Currently under construction, project completion in 2025

- Red and Purple Bypass at Belmont completed in 2021
- Station and track reconstruction underway
- New signal system from Belmont to Howard



FTA CORE CAPACITY FUNDING

Federal funding opportunity aimed at **increasing capacity** of transit lines by at least 10%

CTA successfully **secured Core Capacity** funding for RPM Phase One

This study is necessary to support a successful pursuit of these funds



PLANNING FOR THE FUTURE

- We are **planning for the next 100 years**, not the current state
- **Ridership trends** demonstrate a need for increasing capacity and supporting investment and maintenance

October 2022 saw the biggest ridership in two years!



Throughout 2022, ridership has continued to climb as Chicagoans return to the office, events, and daily routines. This month we had our biggest ridership week of the year. We appreciate your support and we continue to work on improvements to provide convenient, reliable service.

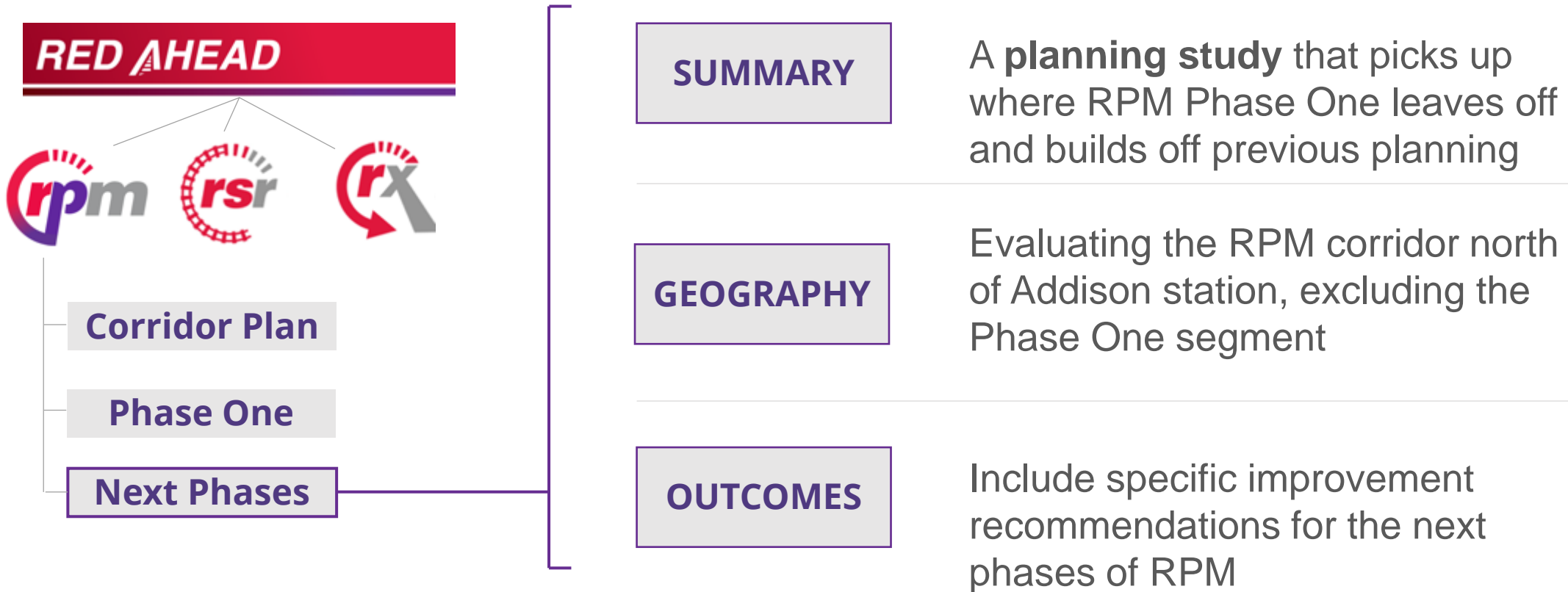
NEW PANDEMIC RIDERSHIP HIGH

5.57

MILLION RIDES

Week ending October 8
Up 44k rides from previous week

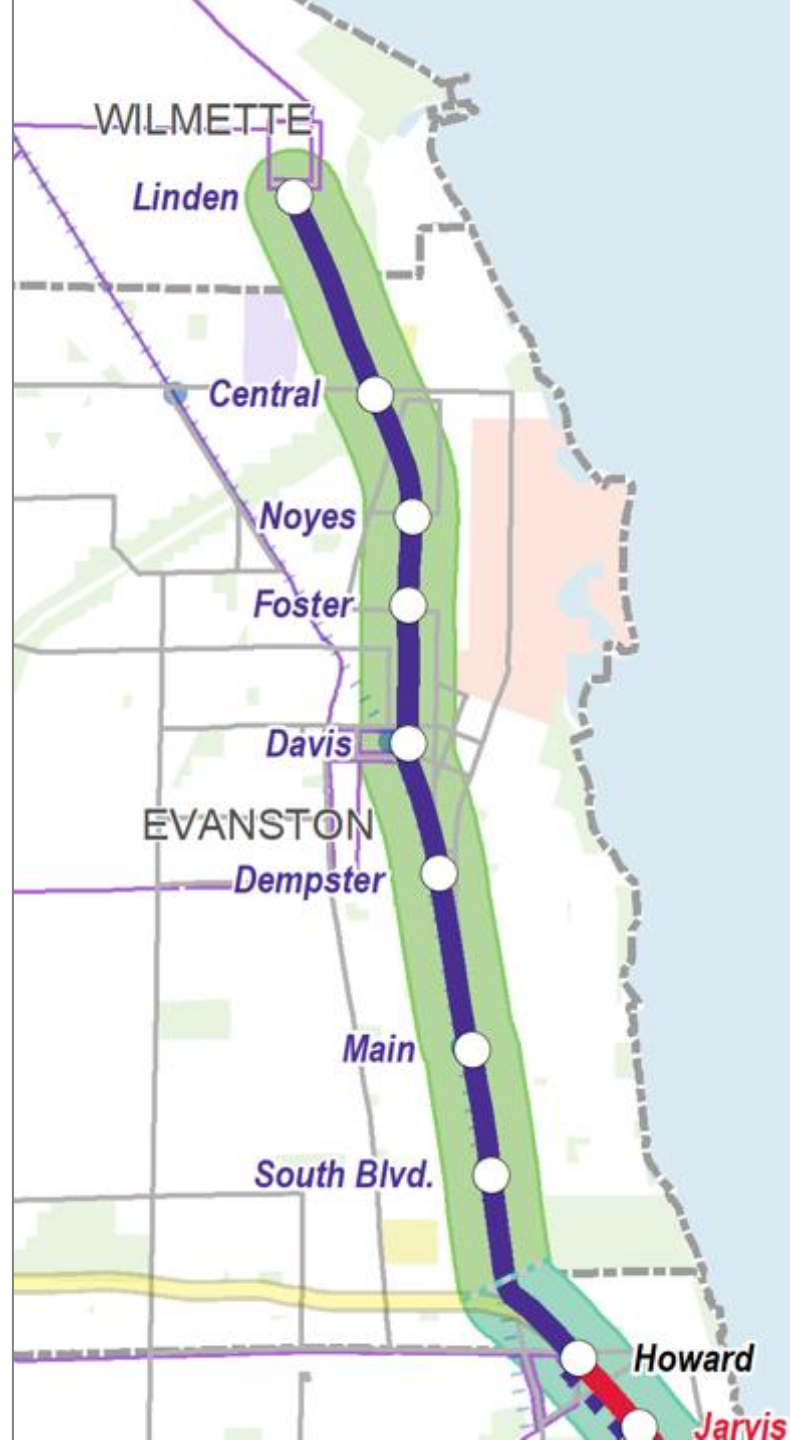
OVERVIEW AND GOALS



STUDY AREA

EVANSTON BRANCH

Evanston Branch



STUDY AREA THORNDALE to HOWARD

Thorndale to Howard



STUDY AREA

ADDISON to SHERIDAN

Addison to Sheridan



WHY IT'S NEEDED

Red and Purple Lines run on structures built more than 90 years ago and are beyond their useful life
= **higher maintenance cost and slow travel speeds**

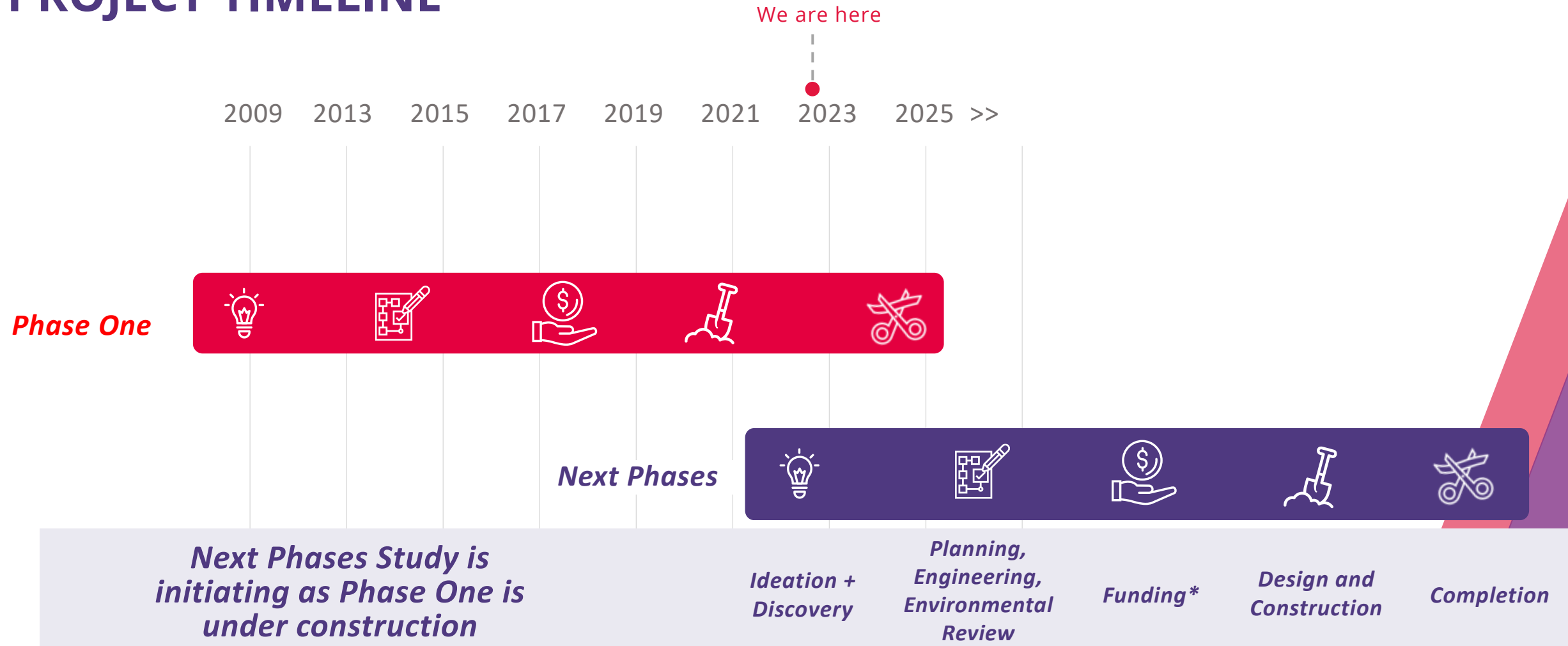
Serves customers in stations built in the 1920's
= **cramped and not ADA accessible**

In the 5 years prior to COVID-19, there was a 40% increase in morning and evening ridership
= **crowding and less reliability**

Provide 1 out of every 5 CTA train rides
= **great potential!**



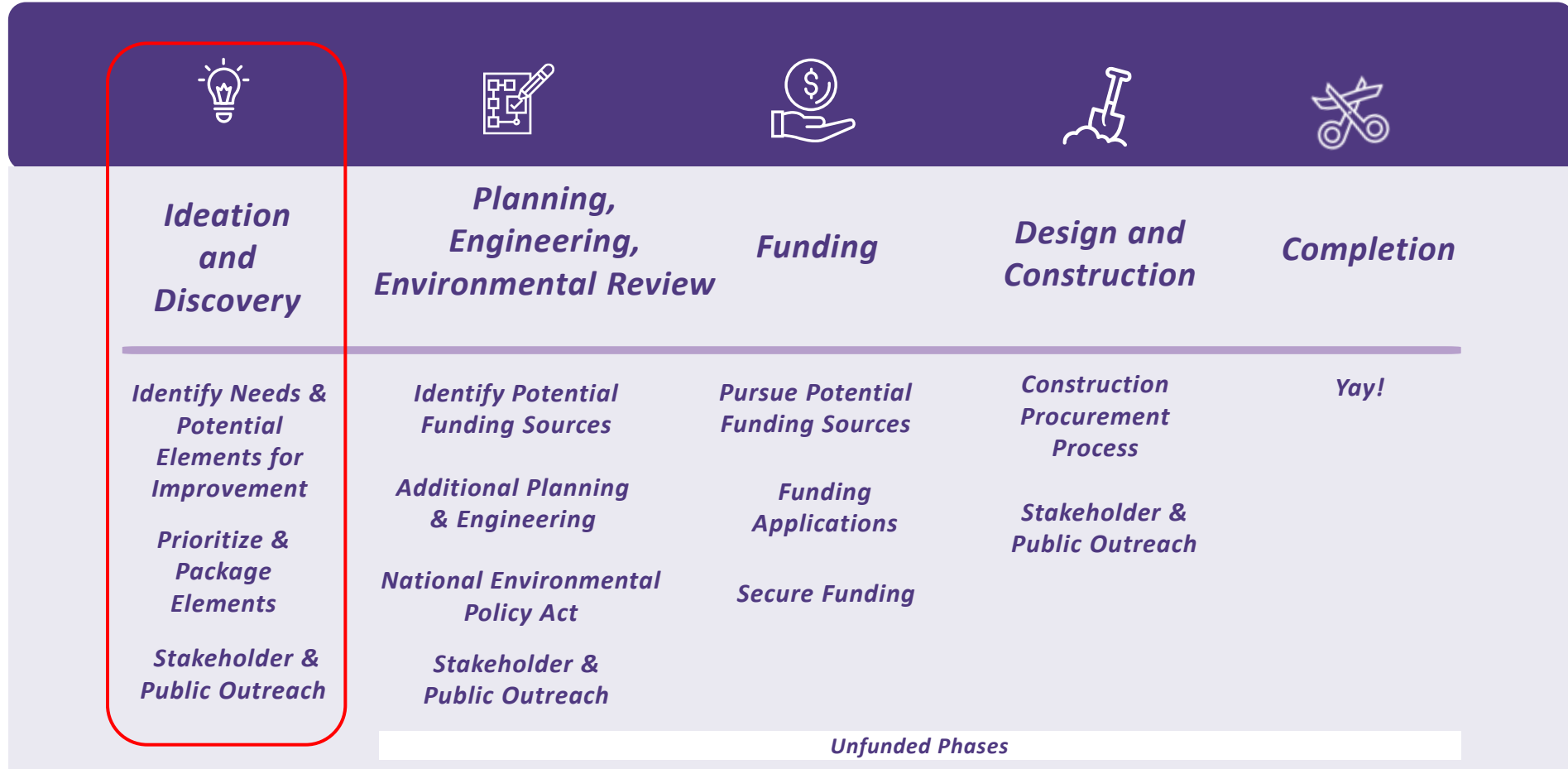
RPM NEXT PHASES STUDY
PROJECT TIMELINE



We are here

***Project timeline is dependent on availability of Federal funding**

NEXT PHASES PROCESS



We are here

**POLL
Question #2**



What kinds of trips do you make using the Red and Purple Lines?

Existing Conditions



EXISTING CONDITIONS

Evanston Branch

- With exception of a few stations, the Red and Purple Line stations and support structures in the study area are **90-100 years old.**
- Most stations need **complete reconstruction** to lessen maintenance issues, provide modern amenities, and be more accessible
- Much of the infrastructure is at the **end of its useful lifespan**

Dempster and Sherman - 1930s



South Blvd Station - 1931

Outcomes and Considerations



PROJECT ELEMENT TYPES

The outcome of the study will be a set of recommendations for improvements within the study area.



YARD CAPACITY

Available area for train storage



TERMINALS

Number of terminal tracks
Switch and track geometry



STATIONS

Modernization
Implementation of All Stations Accessibility Program (ASAP)
10-car (Red) and 8-car extensions (Purple)



SIGNALS

Type of system
System design



SPEED

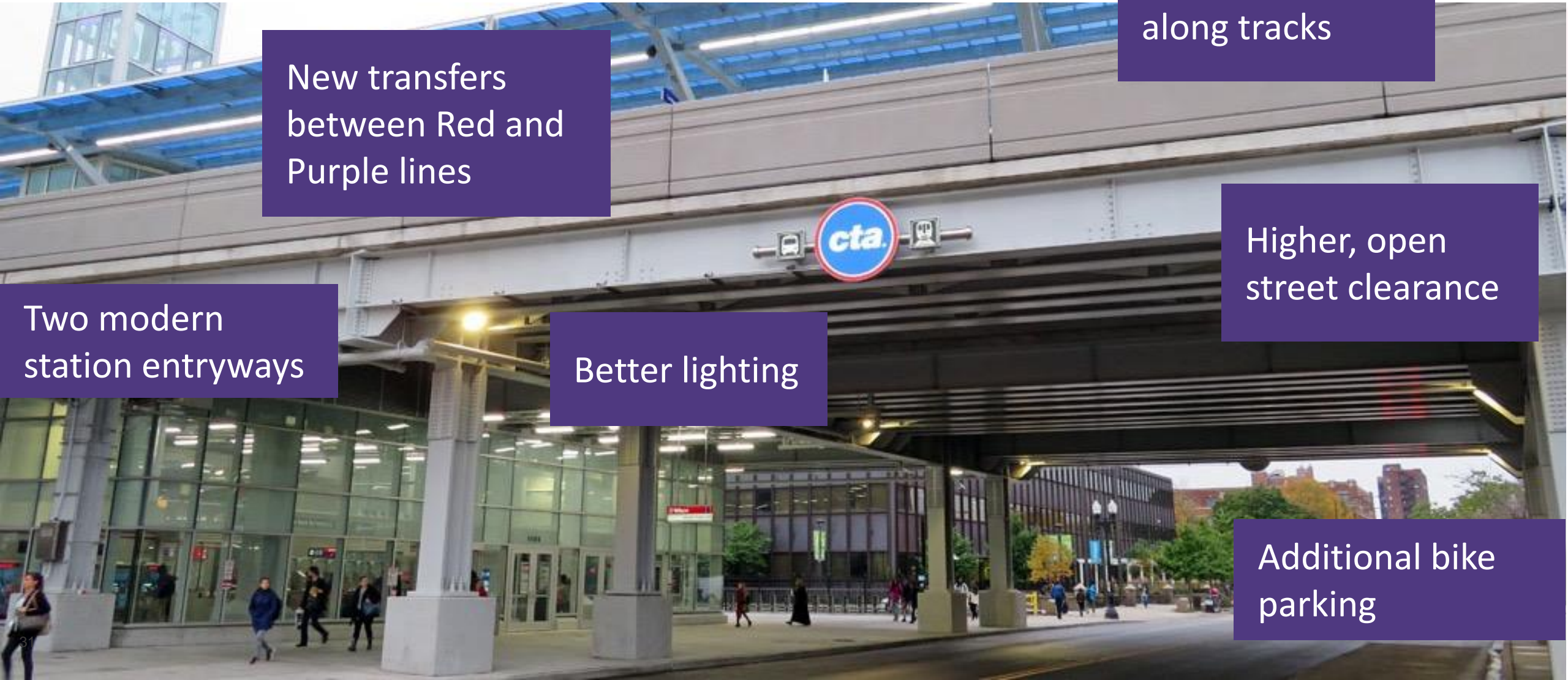
Curve geometry
Infrastructure condition



TRACTION POWER

Upgrades

PREVIOUS EXAMPLE: WILSON STATION



New transfers between Red and Purple lines

Noise barriers along tracks

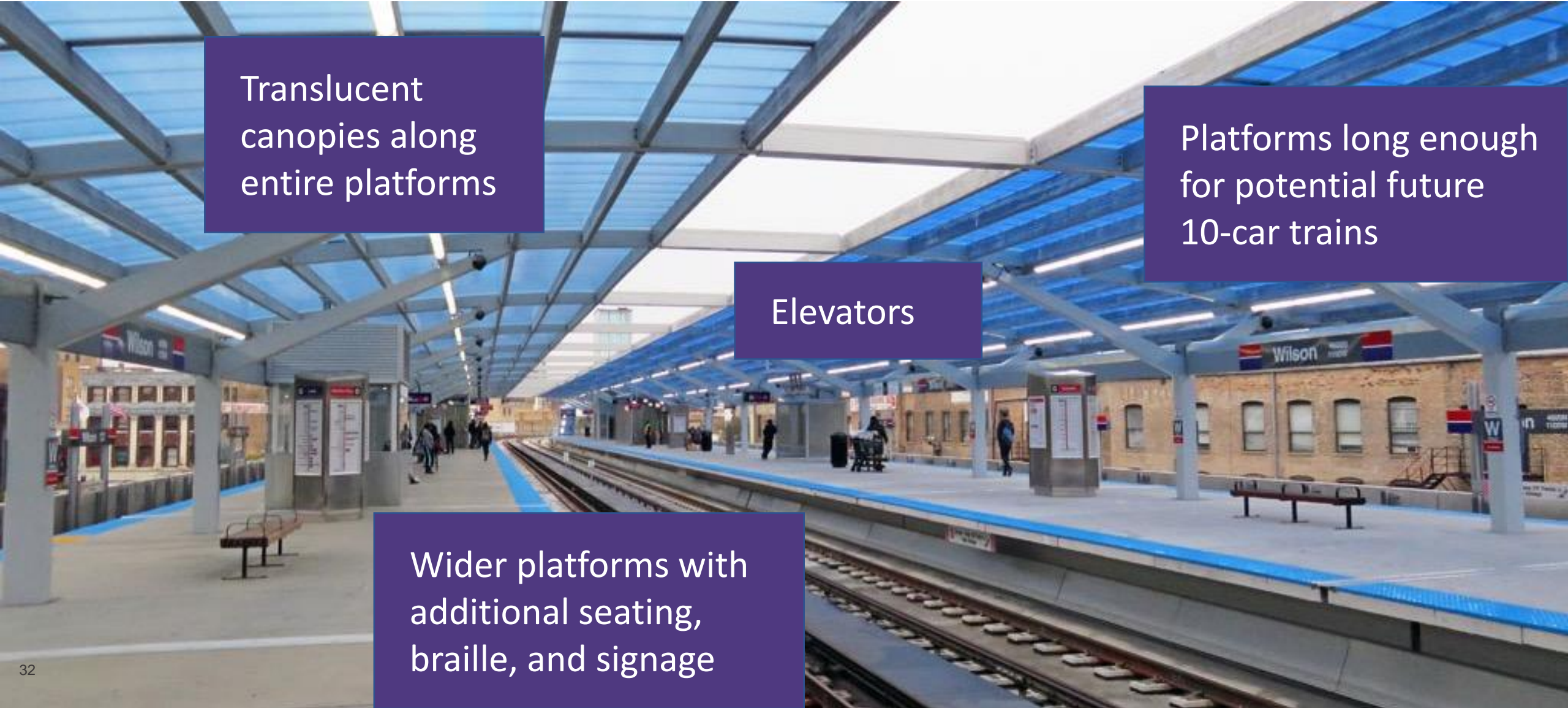
Higher, open street clearance

Two modern station entryways

Better lighting

Additional bike parking

EXAMPLE: WILSON STATION



Translucent canopies along entire platforms

Platforms long enough for potential future 10-car trains

Elevators

Wider platforms with additional seating, braille, and signage

PROJECT ELEMENTS

Examples

Evanston Branch

Future improvements are carefully considered as they need to be done under a variety of constraints



TERMINALS



CONSTRAINTS

- Managing three lines
- Station is surrounded by historic buildings



STATIONS



CONSTRAINTS

- Station physical conditions make accessibility upgrades infeasible without full station renovation.
- Historic elements to be considered.

Engagement



ENGAGEMENT TOUCHPOINTS



Stakeholder Meetings

January, February 2023



Virtual public meetings

March 2023

Round One Engagement



Survey

Survey to gather
broader feedback



Website

Regular website updates



*A second round of engagement is
anticipated for **Fall 2023***

- Public input, along with technical analysis, will **help inform potential study element improvements**
- We will keep you informed as the project moves forward



Please share survey link!

www.transitchicago.com/rpm/next-phases/



**POLL
Question #3**

**Which two outcomes
are the most
important to you?**

Reliability

Speed of Trip

Frequency

**Transfer Points
between Red and Purple**

**Pedestrian and Cycling
Paths Near Stations**

**Bus-to-Train
Connections**

Questions & Answers



STAY CONNECTED

Website and Survey

transitchicago.com/rpm/next-phases/

Email

rpmnextphases@transitchicago.com

For all things RPM

transitchicago.com/rpm

Social Media

[@ctarpm](https://twitter.com/ctarpm)

**THANK
YOU!**

