

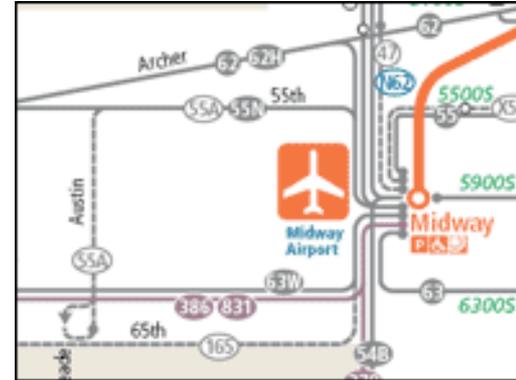
# STATE OF GOOD REPAIR FTA ROUND TABLE

July 21, 2010

# WELCOME TO CHICAGO!



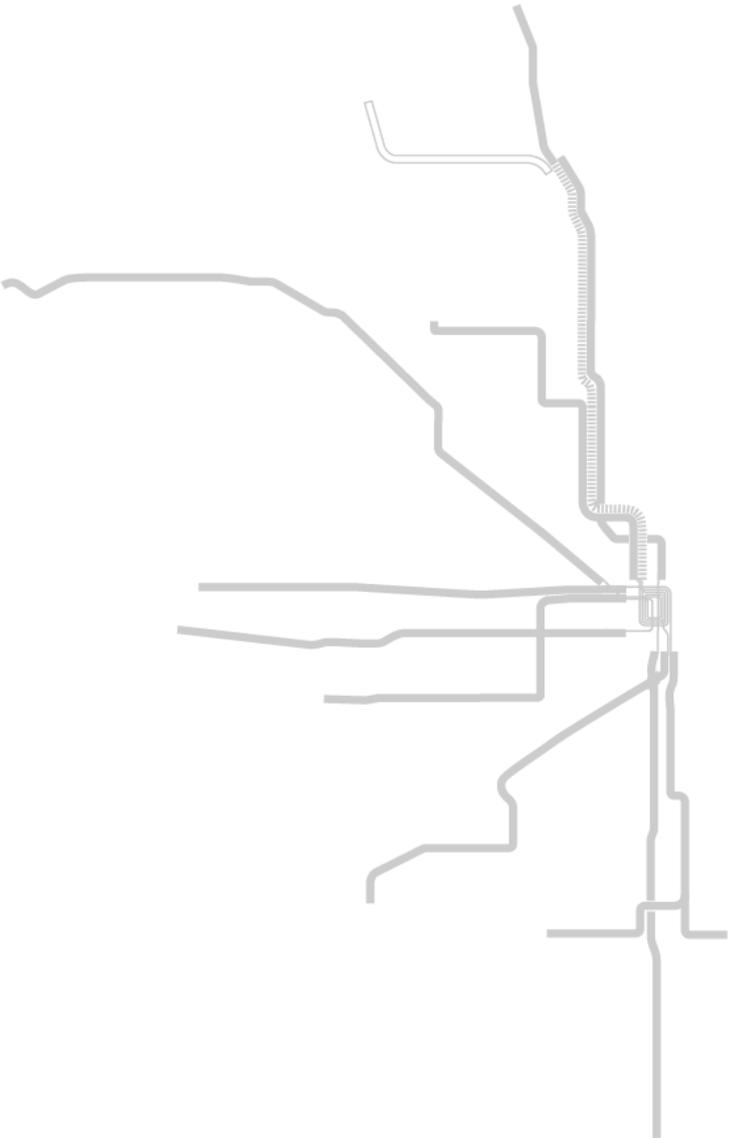
# THE CTA BUS SYSTEM - PAST, PRESENT & FUTURE



# THE CTA RAIL SYSTEM - PAST, PRESENT & FUTURE

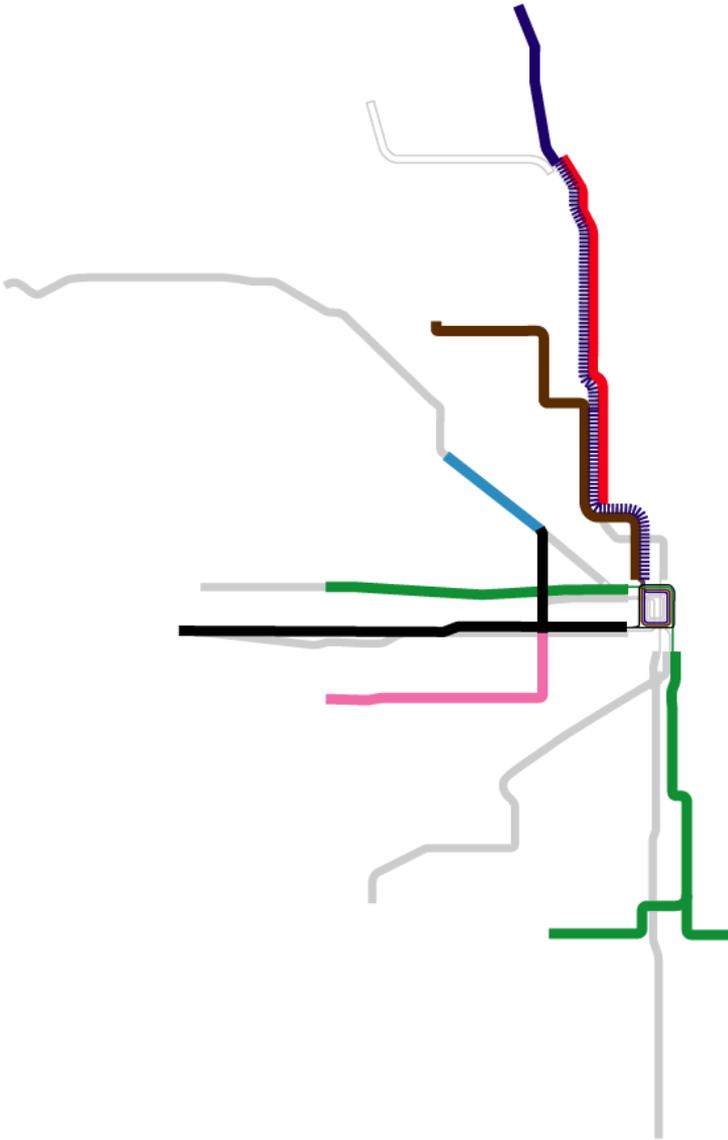


# CTA - ORIGINAL CONSTRUCTION



# CTA - ORIGINAL CONSTRUCTION

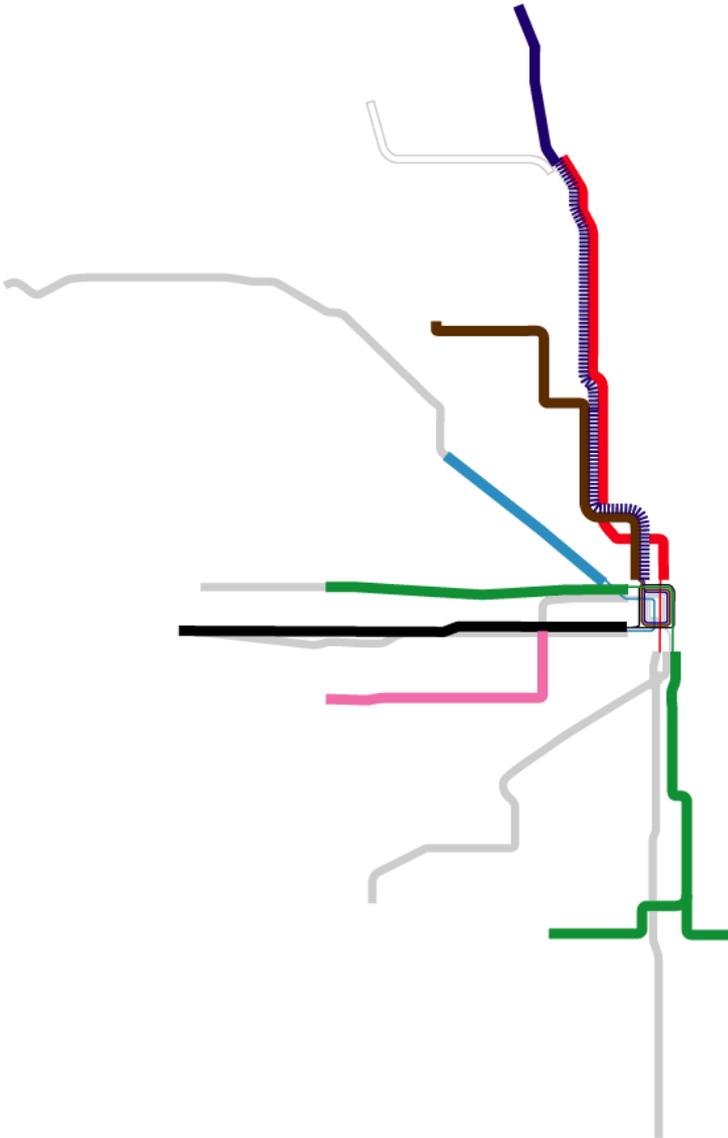
1892-1920



# CTA - ORIGINAL CONSTRUCTION

1892-1920

1921-1951

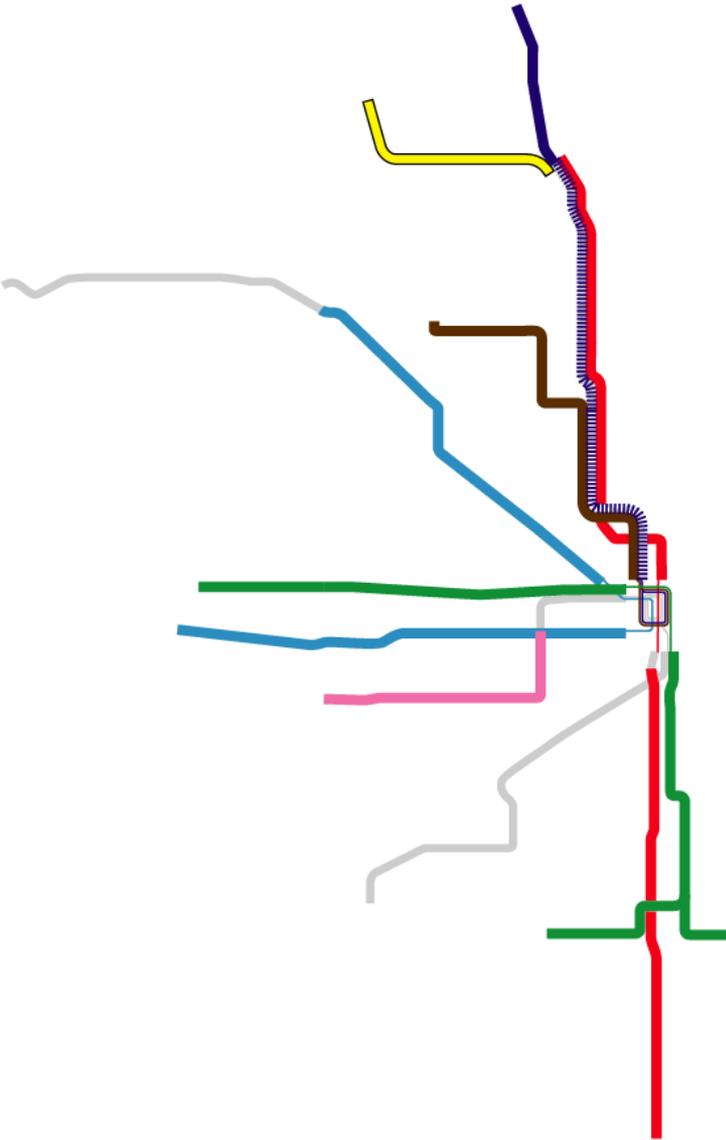


# CTA - ORIGINAL CONSTRUCTION

1892-1920

1921-1950

1952-1984



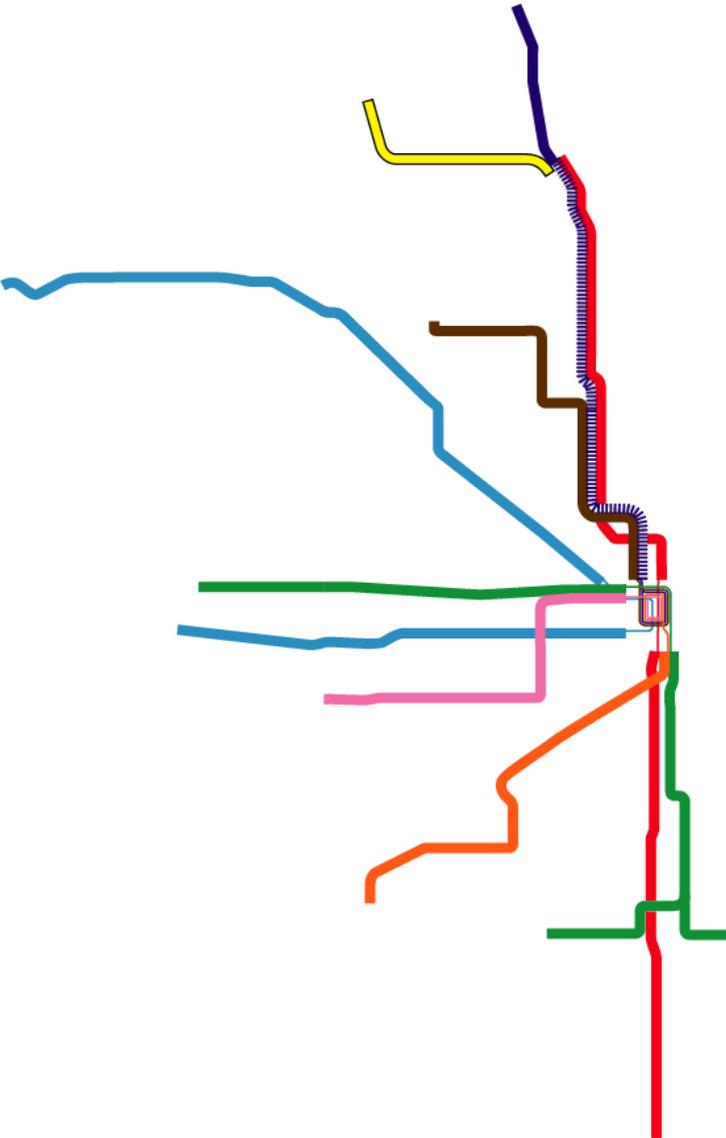
# CTA - ORIGINAL CONSTRUCTION

1892-1920

1921-1951

1952-1984

**1985-Present**



# Beyond a State of Good Repair CTA'S CURRENT BACKLOG



Devon Viaduct



# Beyond a State of Good Repair CTA'S CURRENT BACKLOG



Lincoln Substation



# Beyond a State of Good Repair CTA'S CURRENT BACKLOG



77<sup>th</sup> South Shops Complex



Forest Glen Bus Garage



# Beyond a State of Good Repair

## A SAMPLE OF CTA'S BACKLOG

Asset	Number	Useful Life	% Beyond Useful Life
Stations	144	40 years	38%
Track	224 miles	40 years <sup>1</sup>	22%
Substations	61	24-30 yrs <sup>2</sup>	45%
Bus Garages <sup>3</sup>	8	60	37%
Rail Cars	1,190	25 years	32%

<sup>1</sup> Track Miles refers to revenue track; useful life is for tangent rail.

<sup>2</sup> Substation useful life is based on usage

<sup>3</sup> 8 Bus Garages includes 7 active and one inactive



# SGR NATIONWIDE

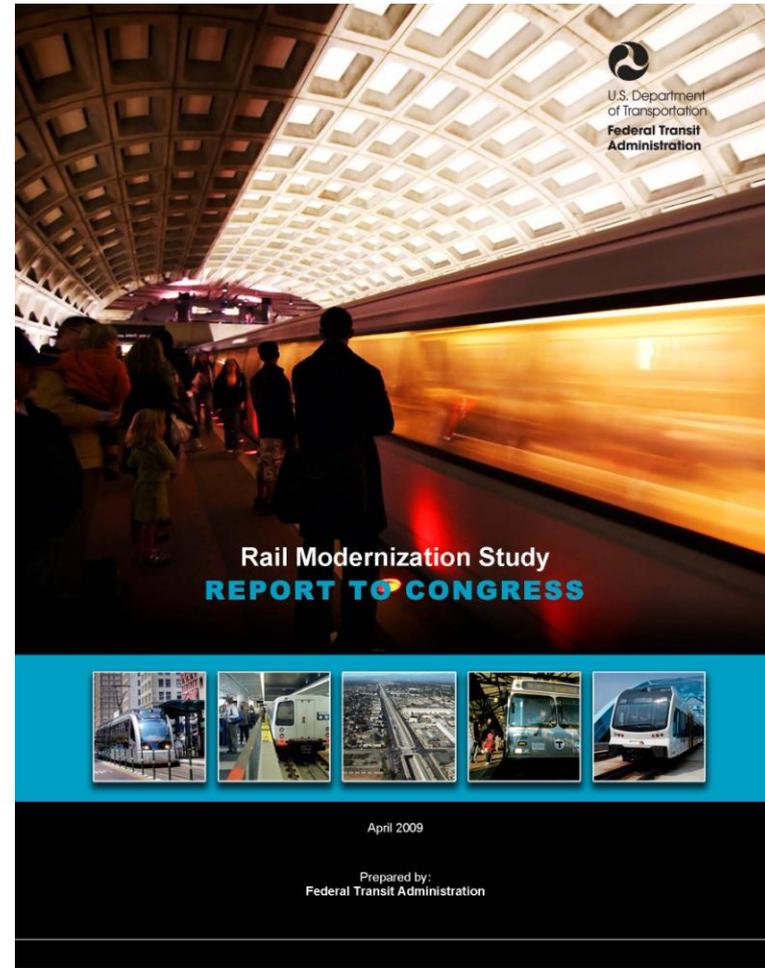
System must be safe, reliable and efficient to attract and maintain riders

Nationwide 29% of all transit assets in poor or marginal condition

Nationwide deferred maintenance backlog:

- \$50 billion - largest 7 agencies
- \$78 billion - 690 systems

CTA estimates an unfunded need of \$6.8 billion for next 5 years



# State of Good Repair CTA'S RECENT PROJECTS



**Green Line - Stations, Signals, Structure & Tracks  
Constructed 1996-2000**



# State of Good Repair CTA'S RECENT PROJECTS



**Pink Line Reconstruction  
Constructed 2001-2005**



# Beyond a State of Good Repair CTA'S RECENT PROJECTS



**Brown Line Stations  
Constructed 2005-2009**



# Beyond a State of Good Repair CTA'S RECENT PROJECTS



Blue Line Signal Upgrade,  
Dearborn, O'Hare and State St. Trackwork



# CTA's FUTURE PROGRAM



## Continue progress on:

- Track (Loop, Dan Ryan, Congress)
- Structures



# CTA's FUTURE PROGRAM



Continue progress on:

- Systems (power, signals & communications)



# CTA's FUTURE PROGRAM



Continue progress on:

- Stations



# CTA's FUTURE PROGRAM



**Continue progress on:**

- Garages



# NORTH RED AND PURPLE LINES



**Built in early 1900's provides backbone of service to neighborhoods**

**Carries 120,000 riders daily or 18% of all CTA daily trips**

**Existing slow zones along corridor**

**Antiquated stations**

**Deteriorated infrastructure**



# RECONSTRUCT NORTH RED & PURPLE

## Assess Existing Infrastructure



## Stakeholder \ Public Involvement



## Next Steps – Environmental Scoping and Public Involvement



## Develop and Evaluate Options

- Station type
- Structure type
- Number of stations
- Number of tracks
- Frequency of service
- Speed of service

# BENEFITS OF RECONSTRUCTING



- Provides Community and Economic Development Opportunities
- Improves Riding Experience
- Enhances Stations

# FUTURE BALANCING

North Red & Purple

Fix Bus Garages

Accessible Stations

Upgrade Substations

Rehabilitate Track



## Recommended Locally Preferred Alternative



### Yellow Line Extension

Connecting Dempster Station to Old Orchard Road

### Red Line Extension

Connecting 95th Street Station to 130th Street

### Orange Line Extension

Connecting Midway to Ford City





**THANKS  
AND  
ENJOY  
CHICAGO!**

DRAFT





*THANK YOU!*