

# Corridors and Profiles Evaluated

# Universe of Corridors and Profiles Considered

## CORRIDORS

**I-57 Expressway**  
**Halsted Street**  
**UP Railroad**  
**Wentworth Avenue**  
**State Street**  
**Michigan Avenue**  
**King Drive**  
**Cottage Grove Avenue /  
Metra Electric**  
**I-94 Bishop Ford Freeway**

## PROFILES

**At-Grade**



**Elevated**



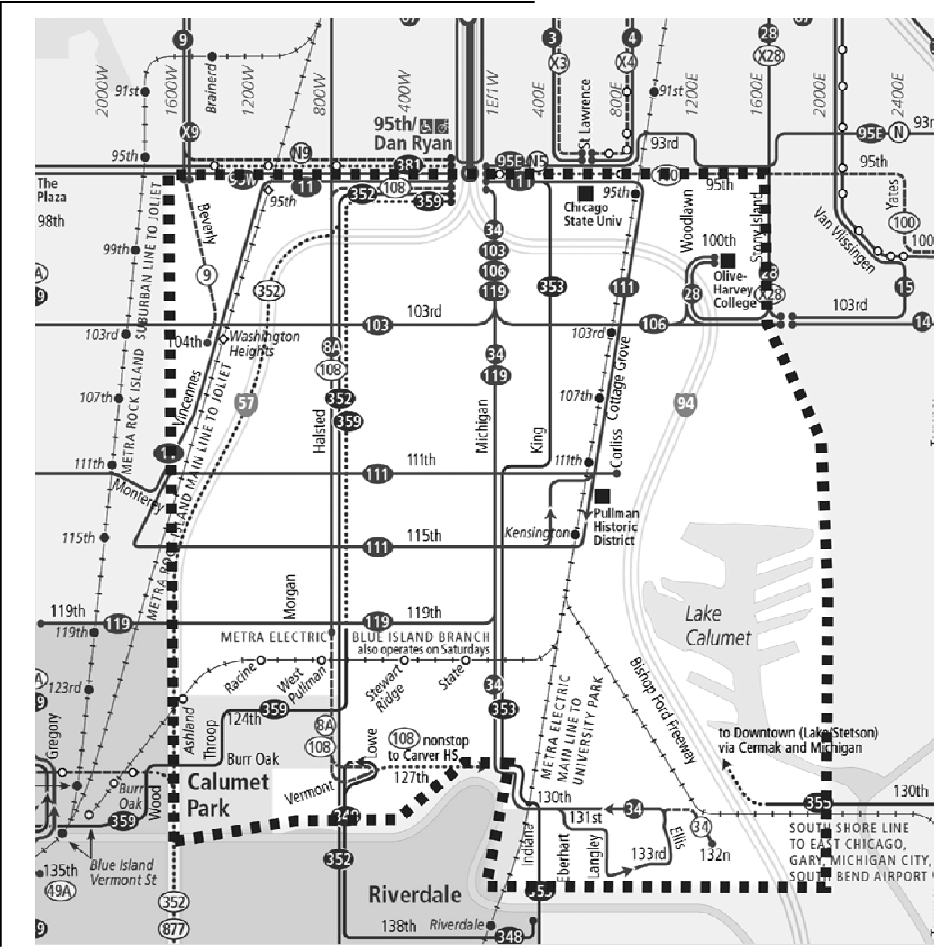
**Trench**

**Underground**



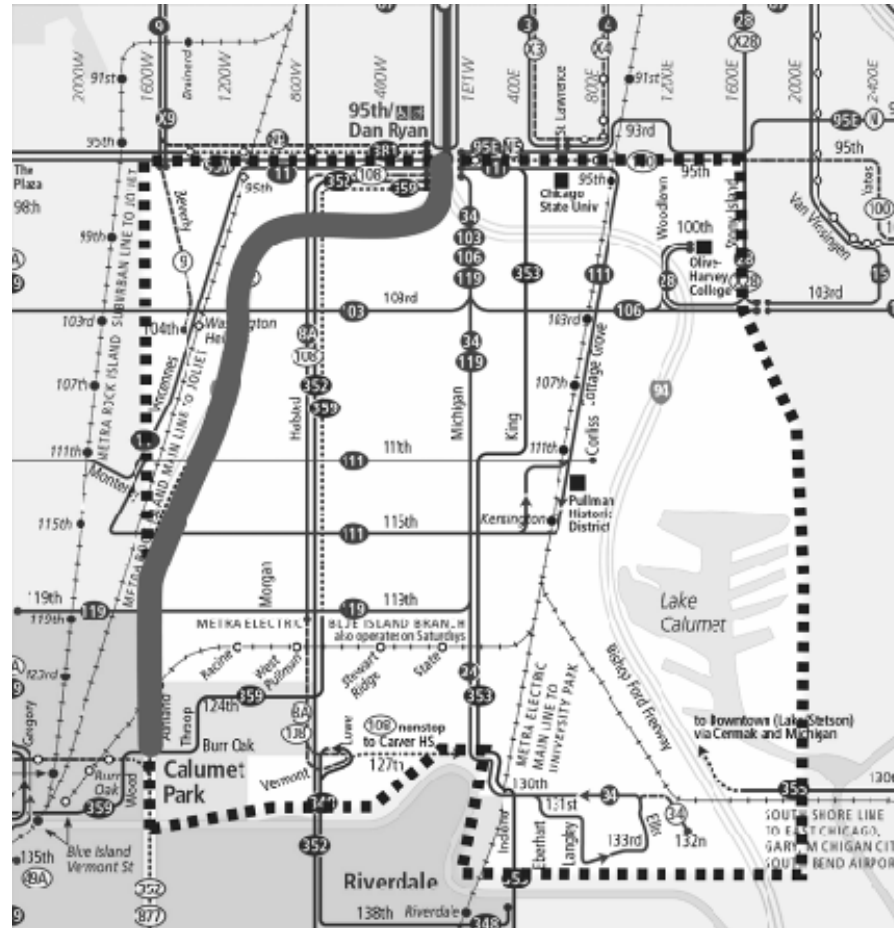
## Screen 1

## Study Area



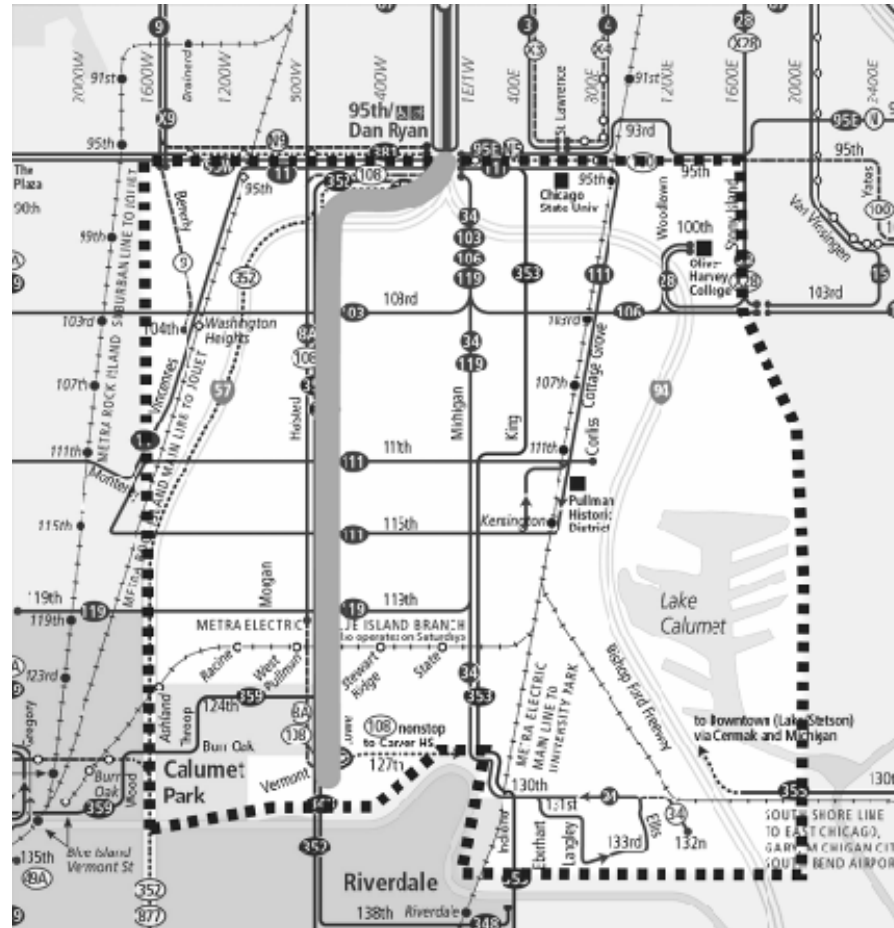
## Screen 1

# I-57 Expressway Corridor



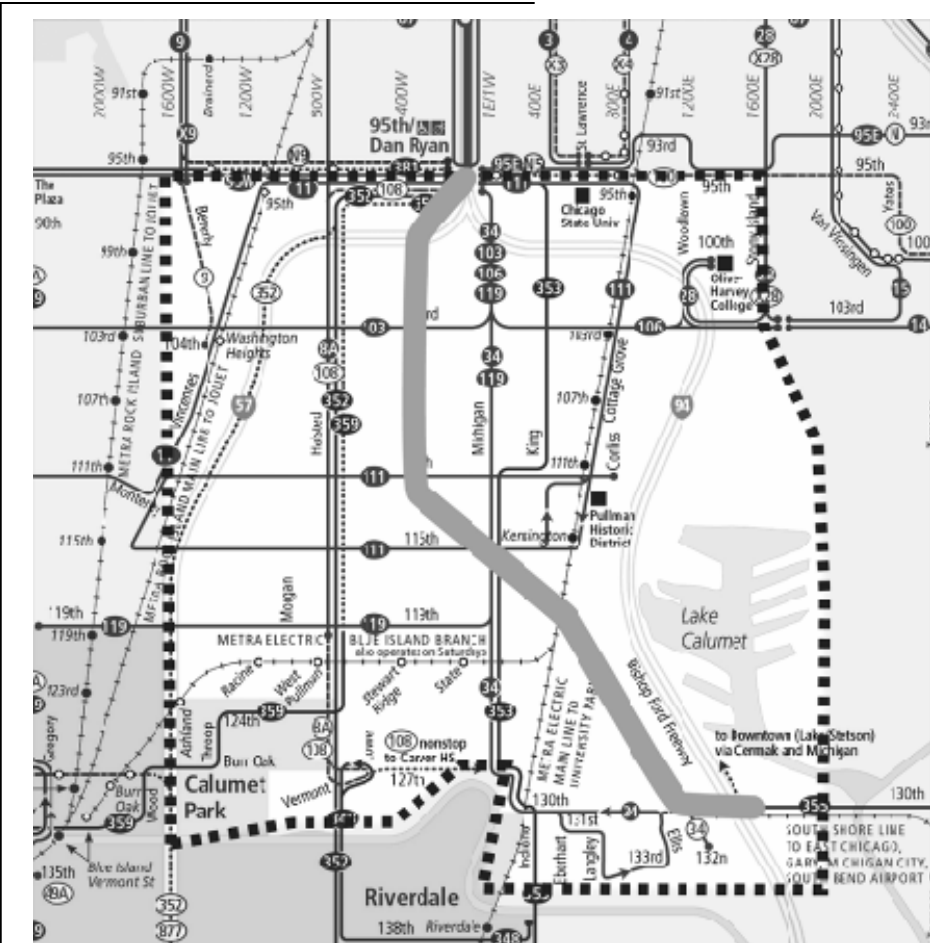
## Screen 1

# Halsted Street Corridor



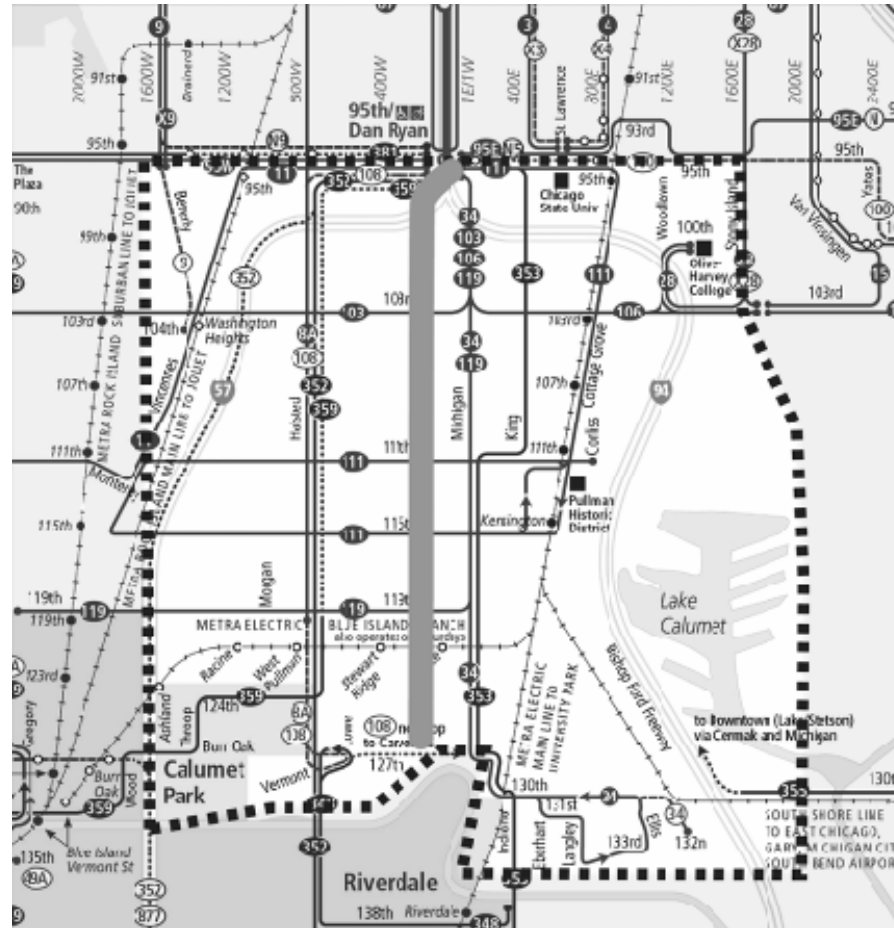
## Screen 1

## UP Railroad Corridor



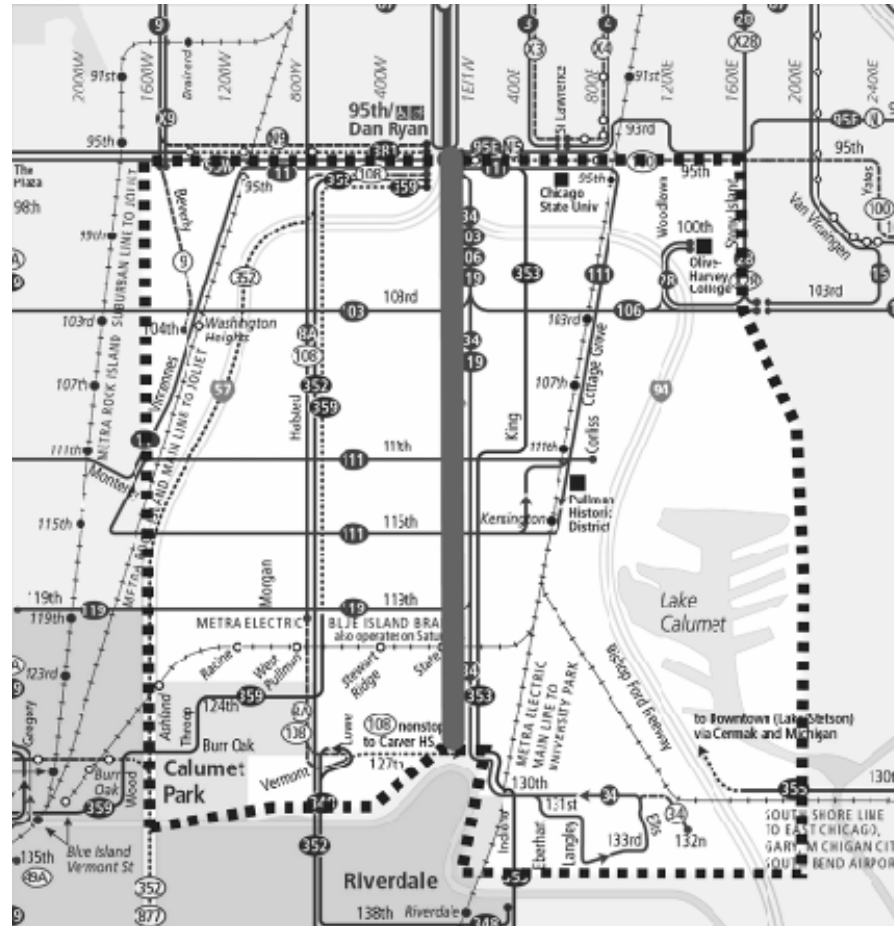
## Screen 1

# Wentworth Avenue Corridor



## Screen 1

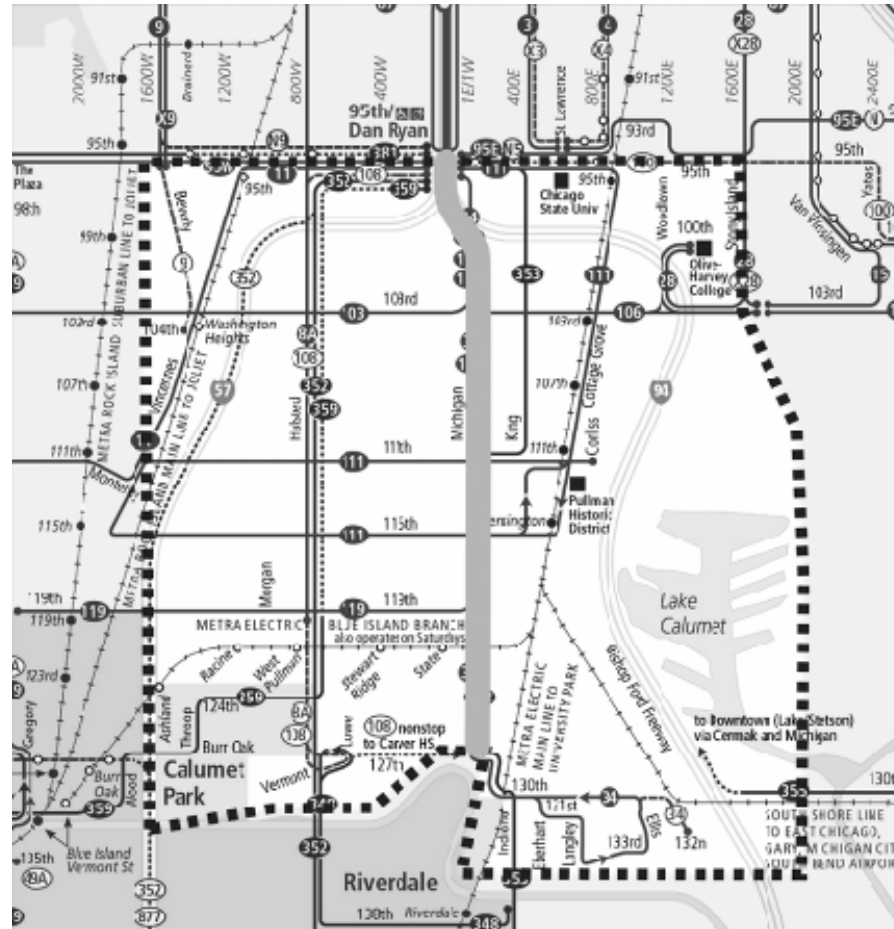
# State Street Corridor





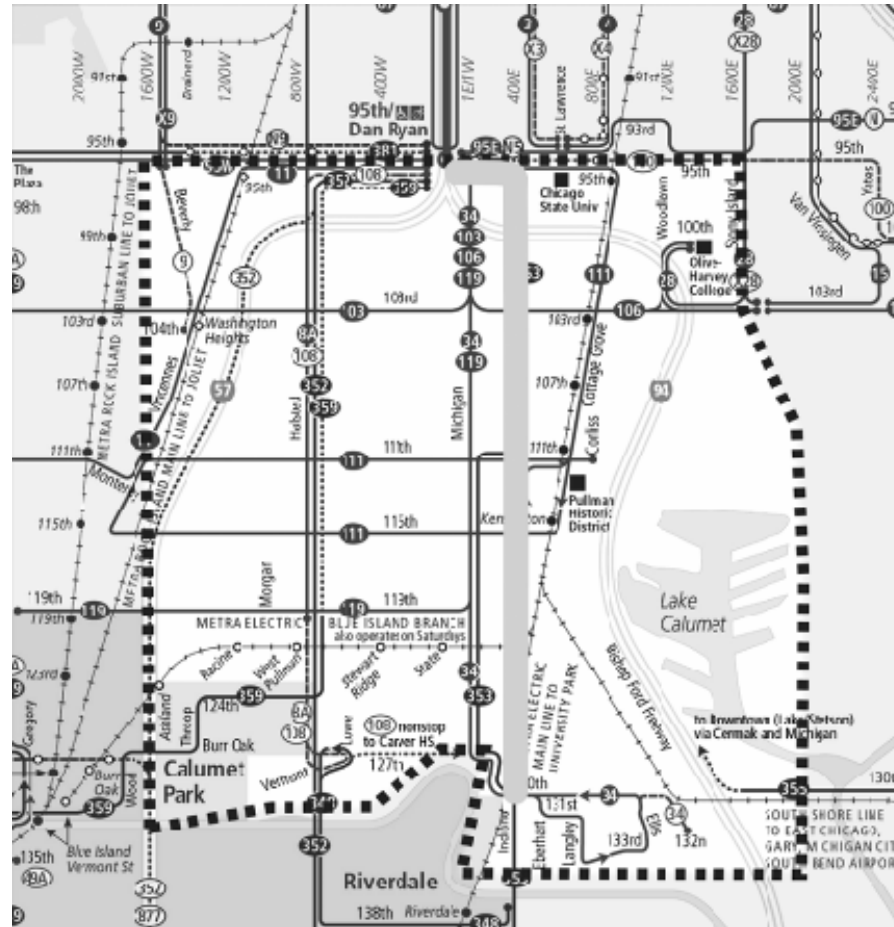
## Screen 1

# Michigan Avenue Corridor



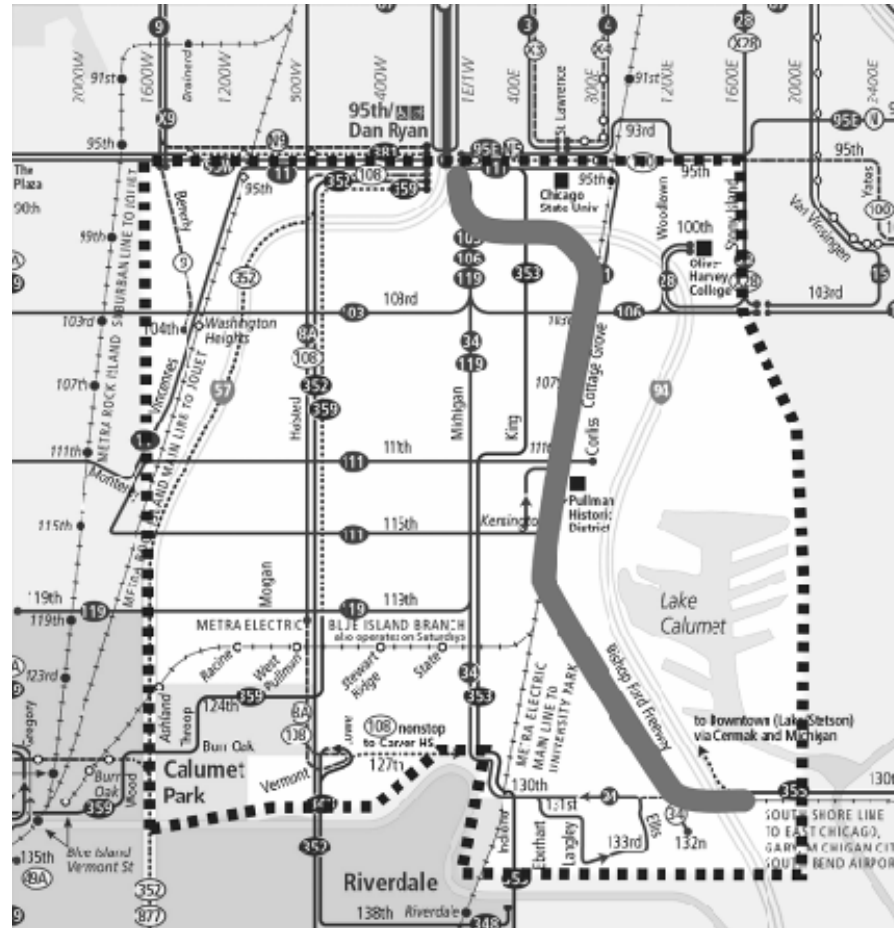
## Screen 1

# King Drive Corridor



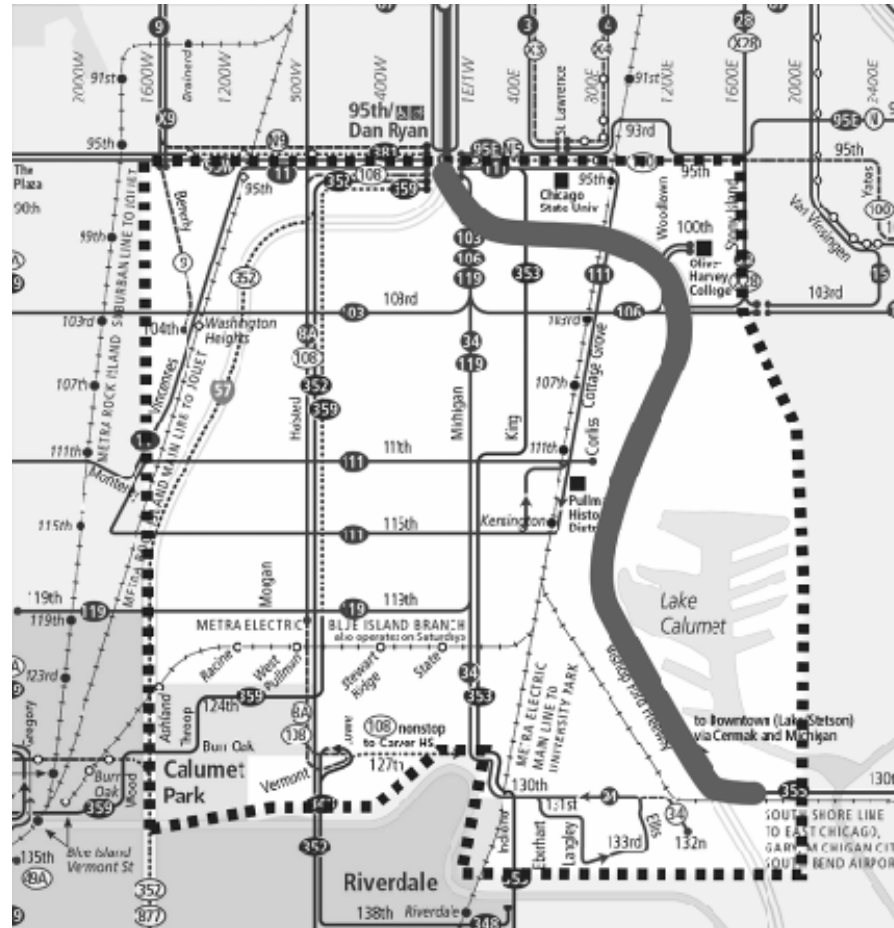
## Screen 1

# Cottage Grove Avenue / Metra Electric Corridor



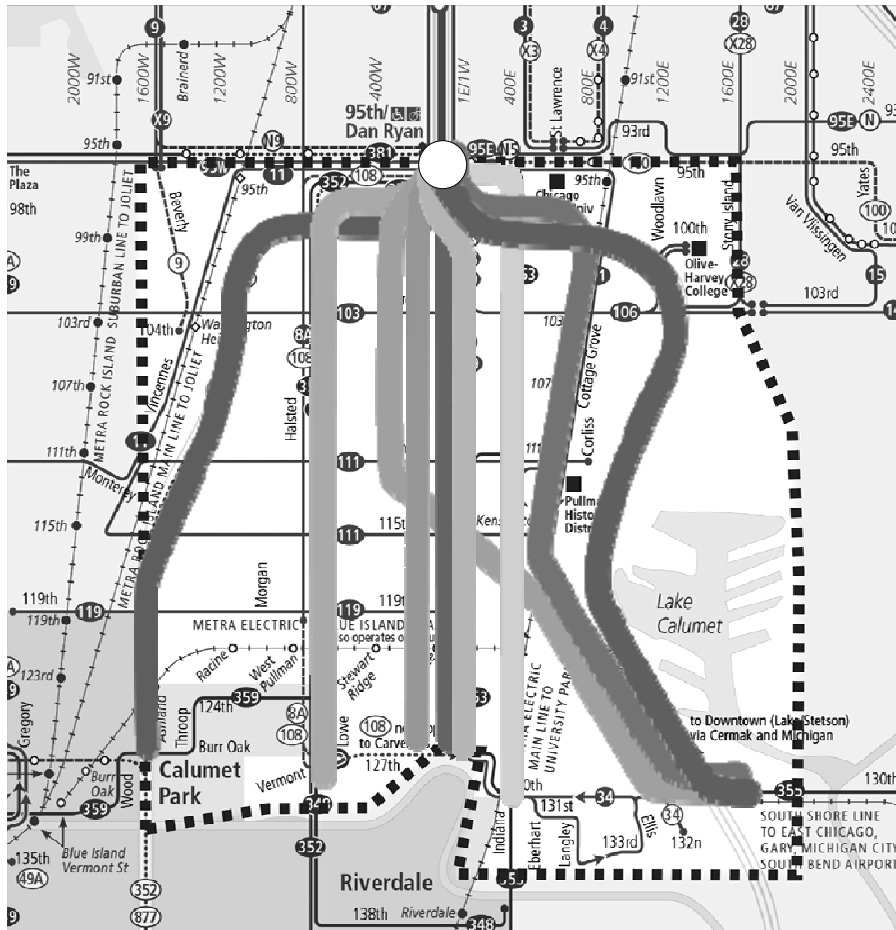
## Screen 1










# I-94 Bishop Ford Freeway Corridor



## Screen 1

# Corridors Considered in the AA Study



-  I-57 Expressway
-  Halsted Street
-  UP Railroad
-  Wentworth Avenue
-  State Street
-  Michigan Avenue
-  King Drive
-  Cottage Grove Avenue / Metra Electric
-  I-94 Bishop Ford Freeway

# Universe of Alternatives in the AA Study

## Technologies\*



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## Corridors

I-57  
Halsted  
UP RR  
Wentworth  
State  
Michigan  
King  
Cottage  
Grove / Metra  
Electric  
I-94

&

## Profiles

At-Grade  
Elevated  
Trench  
Underground

=

## Universe

398  
Combinations  
Including  
No-Build  
and  
Baseline

\* Not all Technologies Can be Applied to Each Alignment



# Screen 1 Evaluation

## Screen 1

# Screen 1 Evaluation Criteria

<b>Technologies</b>	<b>Corridors</b>	<b>Technologies, Corridors and Profiles</b>
<b>Speed</b> <b>Station Spacing</b> <b>Customer Capacity</b> <b>Proven Reliability</b>	<b>Social Factors</b> <b>Transportation Factors</b>	<b>Effects on Neighborhoods</b> <b>Physical and Operational Factors</b> <b>Opportunities to Access Other Transit Services</b>





## **Screen 1 Evaluation Process Preliminary Findings**

- **Technologies that Meet the Criteria of the Screen 1 Evaluation Process**
  - Bus Rapid Transit (BRT)
  - Heavy Rail Transit (HRT)
- **Technologies that Do Not Meet the Criteria of the Screen 1 Evaluation Process**
  - Light Rail Transit (LRT)
  - AGT / Monorail
  - High Speed Rail
  - Personal Rapid Transit
  - Commuter Rail
  - Streetcar
  - Commuter Bus
  - Local Bus
  - Magnetic Levitation Trains

## **Screen 1 Evaluation Process Preliminary Findings**

- **Corridors that Meet the Criteria  
of the Screen 1 Evaluation Process**
  - Halsted Street
  - UP Railroad (UPRR)
  - Michigan Avenue
  
- **Corridors that Do Not Meet the Criteria  
of the Screen 1 Evaluation Process**
  - I-57 Expressway
  - State Street
  - Wentworth Avenue
  - Cottage Grove / Metra Electric
  - King Drive
  - I-94 Bishop Ford Freeway

## Screen 1 Evaluation Process Preliminary Findings



### Bus Rapid Transit

- At-Grade



### Heavy Rail Transit

- Elevated
- Underground
- Trench

## Screen 1

# Screen 1 Evaluation Process Preliminary Findings

### Technologies\*



Bus Rapid  
Transit



Heavy Rail  
Rapid Transit

&

### Corridors

Halsted

UPRR

Michigan

&

### Profiles

At-Grade

Elevated

Trench

Underground

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### Universe

10

Combinations

Including

No-Build

and

Baseline

\* Not all Technologies Can be Applied to Each Alignment



Red Line Extension Alternatives Analysis Study



# Next Steps



## Next Steps

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- **Incorporate Public Comments**
- **Confirm “Screen 1” Preliminary Findings**
- **Refine the Alternatives**
- **Continue Public Involvement**
  - Sign-in cards will be used to create a contact list to send notices and updates
  - Meetings announced through car cards, customer alerts, local media and contact list
  - Project updates on CTA web site - [www.transitchicago.com](http://www.transitchicago.com)



## Screen 1 Meeting Schedule

Tuesday April 10, 2007  
6:00 p.m. – 8:00 p.m.  
Chicago State University  
New Academic Library  
4<sup>th</sup> Floor Auditorium  
9501 South King Drive  
Chicago, Illinois

Wednesday April 11, 2007  
6:00 p.m. – 8:00 p.m.  
West Pullman Branch  
Chicago Public Library  
Community Room  
830 West 119<sup>th</sup> Street  
Chicago, Illinois



## Questions and Comments

- **CTA representatives are available to answer additional questions**
- **Written comments and questions accepted through May 11, 2007:**

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312-681-2708





**Federal Transit Administration's  
New Starts Process**

# **Red Line Extension Alternatives Analysis Study**

4-5-2007

