Chicago Truck Route Planning Study

presented to
Transport Chicago

presented by
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Transportation leadership you can trust.
About the Project

City of Chicago Truck Route System Today

Challenges to Designating the Future Truck Route System

Stakeholder Engagement

Next Steps
About the Project
Why conduct this study?

**Designated Truck Route System**
- Understand what routes are currently designated, and which are not.
- Determine if current designation is effective.
- Identify revisions that could improve system effectiveness.

**Legislation**
- Understand the contents of the City of Chicago Municipal Code (Chapter 9-72, Size and Weight Limits).
- Determine if current legislation is effective.
- Identify legislative revisions that could improve system effectiveness.
Project Goals

Ensure the Designated Truck Route System:

» Is eligible for Federal funding

» Allows truckers to find the most effective routing from origin to destination

» Enables truckers comply with the law

» Enables the city of Chicago to enforce truck size, weight and route laws

» Highlight opportunities for cross-jurisdictional coordination

» Encourages economic development

Establish Easily Accessible Truck Route Network Map
IDOT’s Designated Truck Route System

- IDOT shall maintain and provide a listing of all Class I, Class II, and Class III designated streets and highways.
  - Including maintaining and providing a listing of all local streets or highways that have been designated Class II or Class III by local agencies.

- IDOT shall also maintain and provide an official map of the Designated State Truck Route System that includes State and local streets and highways that have been designated Class I, Class II, or Class III.

Local agencies are responsible for reporting to IDOT all streets and highways under their jurisdiction designated Class II and Class III.

Sources: 625 ILCS 5/15-116, effective 1-1-07
  625 ILCS 5/11-214, effective 1-1-12
IDOT Highway Designation Definitions

**Class I** highways include interstate highways, expressways, tollways, and other highways deemed appropriate by the department.

**Class II** highways include major arterials not built to interstate highway standards that have at least 11 feet lane widths.

**Class III** highways include those State highways that have lane widths of less than 11 feet.

**Non-designated** highways are highways in the system of State highways not designated as Class I, II, or III, or local highways which are part of any county, township, municipal, or district road system.

Local authorities also may designate Class II or Class III highways within their systems of highways.

Source: 625 ILCS 5/1-126.1, effective 1-1-02
City of Chicago
Truck Route System Today
Chicago Truck Route System

Source: City of Chicago IDOT, gettingaroundillinois.com
Cambridge Systematics
Restricted Routes - Boulevard System

Source: City of Chicago
Chicago Truck Route System??

Legend

- Boulevards/Truck Restrictions

Truck Routes
- Class I
- Class II
- Class III

Source: City of Chicago
Challenges to Designating the Future Truck Route System
Truck Route System Supporting Data

Screening Criteria

- Truck AADT
- Vertical clearance restrictions
- Bridge weight limits
- Lane widths
- Adjacent land use (e.g. industrial zones and corridors)
- Location of intermodal connectors
- Existing and proposed intermodal facilities
- Through connectivity that aligns with Interstate, Tollway, and other State Route interchanges
- Cross jurisdictional connectivity

What criteria should be weighed to determine location of the future truck route system?
Screening Criteria = Vertical Clearance Restrictions

Source: City of Chicago

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Vertical Clearance Restrictions

Source: City of Chicago
Cambridge Systematics
Screening Criteria = Adjacent Land Use - Industrial Corridors

Source: City of Chicago via CMAP
Suburban Truck Restrictions

Legend
- Boulevards/Truck Restrictions

Truck Routes
- Class I
- Class II
- Class III

Suburban Restrictions
- Suburban Restrictions Directly Connected to Chicago Class II Truck Routes
- Other Suburban Restrictions Bordering Chicago Truck Routes

Source: Suburban Restrictions compiled by CMAP
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Calumet Industrial Corridor Heavy Truck Route

Source: City of Chicago Municipal Code

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Stakeholder Engagement
Outreach

- Project Advisory Committee
  - 3 meetings during project

- Pre-Screening Survey – wide distribution
  - Public sector
  - Private sector

- “Pre-Screening” Roundtables

- “Post-Screening” Roundtables

- Provide information at local events, as requested
Next Steps

- Establish framework for designating and updating Truck Route System
- Identification of supporting infrastructure elements that may be required to ensure that the truck route network is easy to use (e.g. signage)
- Propose changes to City of Chicago Municipal Code
- Guidance for regular updates to the Truck Route System