

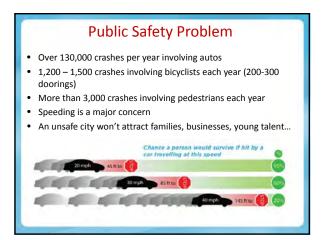
### Outline

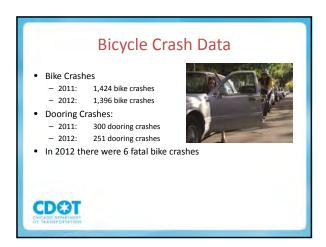
- Background
- Bike Share 101
- Divvy Bike Share & Safety
- o Problem Definition & Context
- Complete Streets
- Legislative Initiatives



## Chicago by the Numbers Population: 2.7 million; 3rd largest city in the U.S. \$600-800 million/year for transportation More than half from state or federal grants Non-motorized mode share: 38% First in the U.S. for regional auto congestion ~40 pedestrian & ~10 cyclist fatalities/year 1/3 of Chicago children are overweight; 17% are clinically obese











### MAYOR EMANUEL'S VISION

"Create a world class bike network and increase cycling"

### **REALIZING THE VISION**

- » Establish 100 miles of protected bike lanes by 2015
- » Create bikeways for all ages and abilities
- » Launch a "robust" public bike share program

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## What is Bike Share?



### BIKE SHARE IS...

- » A new transit system
  for Chicago
- » Ideal for short trips and commutes
- » Allows you to pick up a bike at any station and return it to any other
- » Available 24/7
  year-round



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### **CONVENIENT**







## AFFORDABLE » \$75 Annual Membership » \$7 24-Hour Pass » First 30 minutes of each ride are free

## 

### FOR CHICAGO

- » Will create up to 150 jobs
- » City-owned system
- » Operated by Alta Bicycle Share
- » Secure (minimal theft)
- » Performance driven



## Making It Happen

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### STATIONS ARE EASY TO INSTALL

- » FAST
  - » Install under an hour
- » GREEN
  - » Solar-powered and wireless
- » EASILY-MOVED
  - » Portable



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### **BIKE STATION SITING**

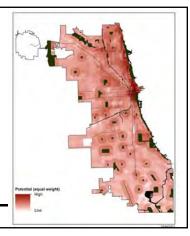
- » Convenient to users
- » On sidewalks wherever possible
- » Distance between stations
- » Technical considerations
- » Residents' suggestions







Feasibility & Heat-Mapping



Determine Service Area & Neighborhood Areas



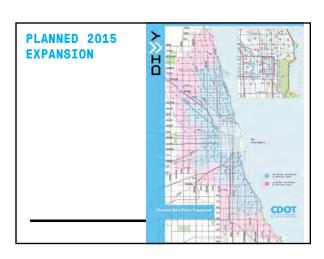
### DETERMINE NEIGHBORHOOD AREAS

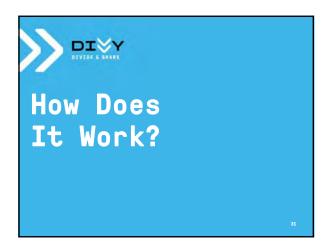
Reviewed and synthesized results of:

- Outreach meetings
- Pop-up meetings
- Aldermanic meetings
- "400 service area" sites
- TIF districts
- suggest.divvybikes.com



# • 300 Stations to date • 3,000 bikes • 475 stations and 4,750 bikes by 2015 • Station locations and bike/dock availability online and via CycleFinder App • Bikes rebalanced 18 hours/day, 365 days/year















### **DIVVY TO DATE**

- 3.3 million trips
  - 2.1 million member trips
  - 1.2 million 24-hour trips
- 23,000 annual members
- 6.9 million miles traveled
- Average trip = 18 mins



### **BIKE SHARE IN CHICAGO**

- On average, Divvy members save \$760 per year on personal travel costs. This translates into more disposable income for neighborhood shopping and to more opportunities to use local businesses.
- Divvy access makes establishments more attractive to bike share members. 80% of Members are "somewhat more likely" or "much more likely" to patronize a business that is near a Divvy bike station.
- Divvy members are big fans. 97% of Members are "satisfied" or "very satisfied" with Divvy. When asked how likely they are to recommend Divvy to a friend on a scale of 1 to 10, Members responded on average with 9.1.

### **BIKE SHARE IN CHICAGO**

- 62% of Members have started riding a bike or taking public transit to work more often since joining Divvy.
- Members are using Divvy for multiple kinds of trips. They "sometimes" or "often" use Divvy for the following purposes:
  - Go to/from work: 84%
  - Social/entertainment: 82%
  - Shopping/errands: 78%
  - Go to/from transit: 76%
  - Exercise/recreation: 57%
  - Go to/from school: 17%



### **BIKE SHARE SAFETY PROGRAMS**

- Safety messages on the Divvy website, kiosk, map frame, and between the handlebars of every bike.
- Membership packet includes an Everyday Biking Guide.
- Gold Level of the League of Illinois Bicyclists' Bike SafetyQuiz, an online bike safety course.
- Every member receives a \$10 off helmet coupon and access to bike deals that include 10% off accessories and 20% helmets at participating shops.
- Safety video contest and other safety programs.
- Safety-in-numbers



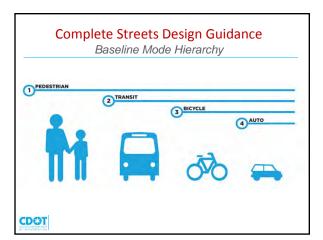




# Complete Streets Policy The safety and convenience of all users of the transportation system, including pedestrians, bicyclists, transit users, freight, and motor vehicle drivers shall be accommodated and balanced in all types of transportation and development projects and through all phases of a project so that even the most vulnerable – children, elderly, and persons with disabilities – can travel safely within the public right of way.





















### **Buffered Bike Lanes**

- Encourages proper lateral positioning
  - Motorists park closer to curb
- Bicyclists ride outside door zone (85% - early findings)
- Greater distance between moving motorists and cyclists
- Better sightlines on roadways with numerous driveways and alleys





### **Neighborhood Greenways**

- Low volume residential street that encourages bicycling and pedestrian activity
- Conducive to bicyclists and pedestrians of all ages and abilities
- Accomplished using traffic calming, pavement markings, signage and intersection crossings treatments
- Minimize cut through motor vehicle traffic, but does not prohibit it





### **Dearborn Street Complete Street**





### **Dearborn Street Complete Street**

- Bike lane adjacent to turn lane (no mixing)
- Designed to eliminate conflicts
- Supplementary signage





### **Dearborn Street Complete Street**

- Special features to alert pedestrians
- Bicycle-friendly bridge treatments
- Permanent installation this spring





### Since May 2011

- 90 miles of new bikeways
- 18.5 miles of protected bike lanes
- 49.5 miles of buffered bike lanes







### Moving Forward – Proving the Benefits



- Safety and use data
- Business impacts
- Partnerships and collaboration with others



### Bike & Pedestrian Safety

- CDOT Directly Educates 80,000 people through direct education.
- CDOT Coordinates with Chicago Police to enforce behavior dangerous to cyclists
- City of Chicago updated Municipal Code to support the expansion of cycling.



### Bike & Pedestrian Safety Outreach

DOT Staff work with the public at all kinds of events: Festivals, Block Parties, Schools, Parks and on the Street.













## Bike & Pedestrian Safety Ordinance Amendments

- Brings the Municipal Code of Chicago into compliance with Illinois State Statutes
- Raises fines for cyclists that break traffic laws
- Doubles the fines for dooring when motorists open their doors in front of oncoming cyclists



## Bike & Pedestrian Safety Ordinance Amendments

Installing LOOK! bike and ped safety stickers in all cabs with BACP





### Rules of the Road

- o 12 years or older must ride on the street
- Always ride with traffic
- Obey all traffic signals
- Stop for pedestrians in crosswalks
- Helmet use strongly recommended







# Targeted Enforcement CDOT has coordinated with Chicago Police since 2008 working on targeted enforcement: Stopping Cyclists and motorist who engage in dangerous behaviors for cyclists and pedestrians.

