Lincoln On the Move: A Community In Motion

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Snapshot

- Lincoln is in attainment for all pollutants

- Lincoln is growing:
  - Population increased by about 1.5% (approx. 3000) in past year
  - Area increased by nearly 18 sq. miles since 1990

- With growth comes problems
CO Monitoring

- Monitoring since mid-seventies

- Monitoring in high traffic area east of downtown Lincoln

- Lincoln has been in attainment with NAAQS since mid-eighties

- Data consistently below national standards
Ozone Monitoring

- Monitoring began in 1986

- Site is located in Davey, NE
  - Six miles north of Lincoln
  - Southerly summer winds

- Concentrations are less than 25% of the NAAQS
PM 2.5 Monitoring

- Monitoring began in 1998
- Monitors on roof of the Health Dept.
- Lincoln in attainment with NAAQS
Toxics Monitoring

- Began sampling April 1, 2002
- Received $85,000 EPA grant to conduct air toxics monitoring for one year, possibility of extension for an additional year
- Analyzing the data
Big Picture

- **On Road Mobile** (Cars, Trucks, Motorcycles) 55%
- **All Point Sources** (Industry, etc.) 24%
- **Burning Fuel** (Heating, etc.) 1%
- **Homes and Small Businesses** 8%
- **Biogenic** (Plants and Animals) 4%
- **Nonroad** (Heavy Equipment, Small Engines, etc.) 8%
And Now For Something Completely Different

- Lincoln On the Move
  - Health based: heart and lungs
  - Activity based
    » Walking School Bus
    » 10,000 Steps

- Related programs
  - WorkWell, Inc.
  - Other community partnerships
Communities in Motion

- Use community bikes concept
- Promote public transit: create partnerships
- Partner with Lincoln On the Move: add environmental element to health program
- Conduct two-year project
  - Study
  - Act
  - Modify
  - Recommend
Revised Plan

- Omit community bikes
  - Community bikes have poor track record
  - Too costly: money, time, and labor

- Keep rest of plan
  - Use WorkWell, Inc. networks
  - Work with Multi-Modal Transportation Task Force
  - Partner with schools and businesses
Three Prongs

- Businesses: employees, customers, sites, marketing
- Schools: public, UNL, Community Learning Centers (CLCs), PTO/PTAs
- Government: LLCHD, Public Works and Utilities, Planning
Businesses

- WorkWell, Inc., etc.
- Encourage employees and customers to use alternative transportation
  - Ease of use
    » Parking for bus riders/bikes
    » Facilities: showers, locker rooms, etc.
  - Incentives
- Distribute information and assist in marketing
Schools

- Expand Walking School Bus
- Encourage carpooling among parents
- Limit parking near schools
- Promote UNL community bike program
- Use CLCs to market alternative transportation and distribute information
Government

- LLCHD: lead agency, coordination
  - Health Promotion and Outreach: Health
  - Air Quality Section: Environment

- Public Works and Utilities
  - Star Tran: Buses and routes
  - Planning: Signs, trails, and streets

- Multi-Modal Transportation Task Force
Intended Outcomes

- Reduce motor vehicle use
  - Reduce air pollution
  - Increase use of mass transit, trail, alternative modes

- Coordinate activities of agencies that currently work separately on similar or related goals
Activities

- Make use of public transit easier
  - Promote parking/riding
  - In-store promotions
  - Better routes

- Encourage biking/walking to work or school
  - Awareness/education
  - Incentives/rewards
Process

- Create baselines using interns (direct observation, interviews), prior studies, and monitoring
  - Use of transit and trails
  - Air quality

- Implement activities

- Measure outcomes
What’s New

- Create private-public partnerships in three spheres: business, education, government
- Use businesses and schools to promote public transportation
- Raise awareness of health benefits and environmental protection
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