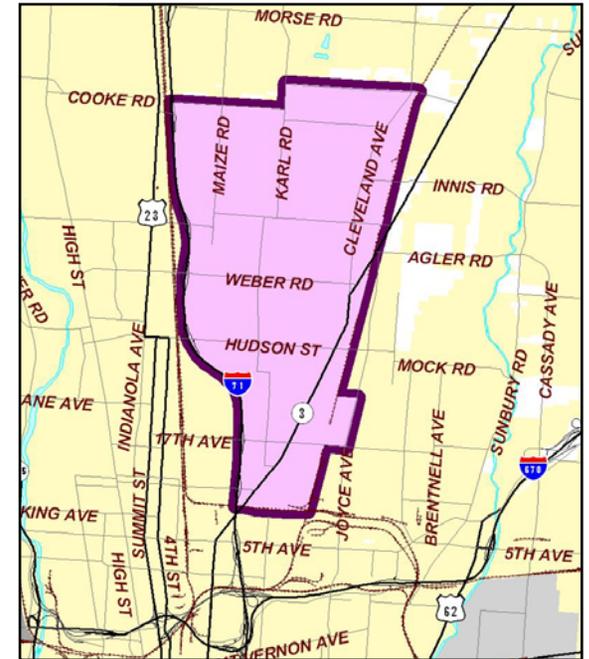


City of Columbus

Linden Area Traffic Management Plan and Community Mobility



2005 Presentation

Ohio

(Columbus Reference)



City of Columbus

- Facts and Figures

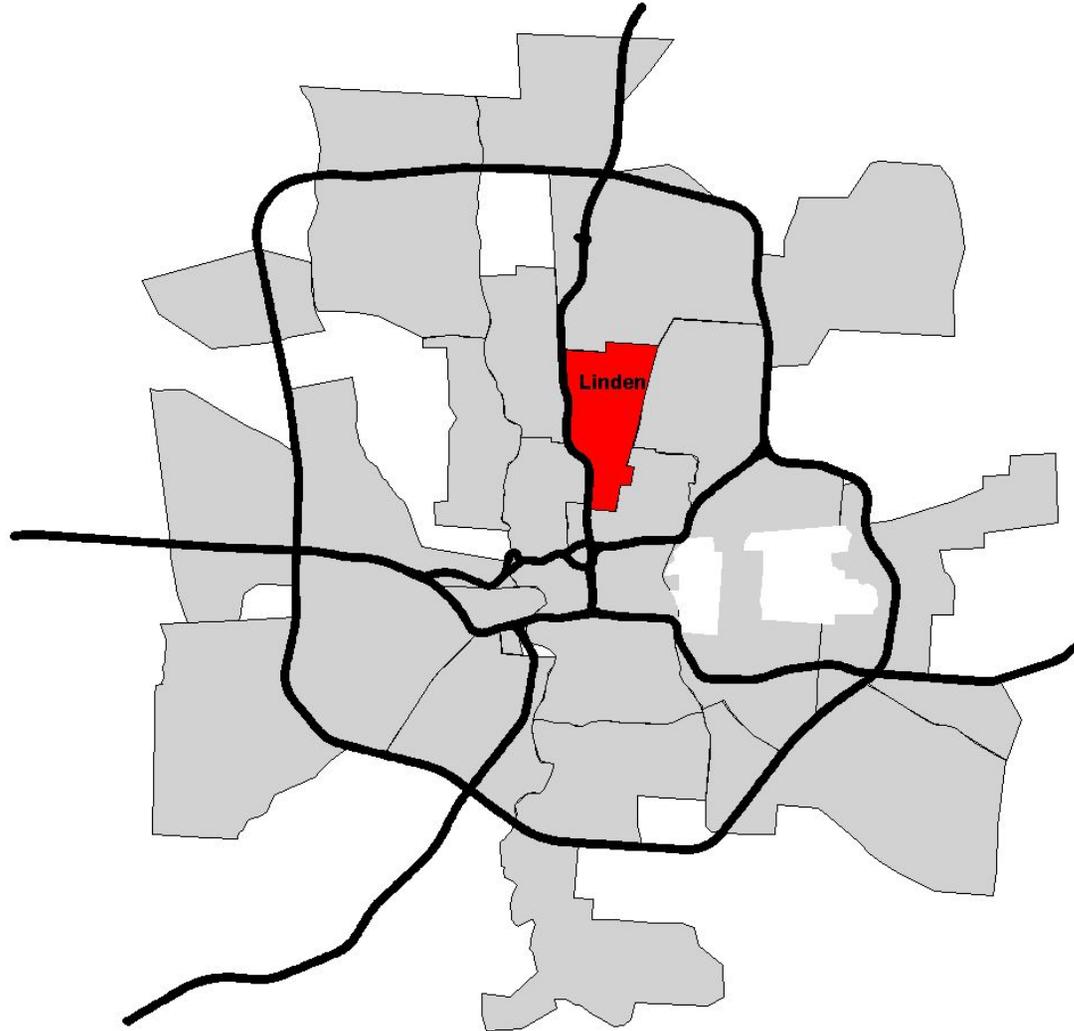


- **Land Area: 212 square miles**
- **Population: 711,470 (2000 census)**
- **15th largest city in United States**
- **Growth rate: 12.4% (from 1990 to 2000)**
- **Over 400 citizen organizations**
- **More than 8000 streets**



Columbus

(Linden Reference)



Linden

- Facts and Figures



- Land Area: 6.5 square miles
- 1 of 25 “traffic communities” in Columbus
- Population: 40,000 (2000 census)
- 3 major community organizations



Speeding Traffic!!!

My street is a raceway!

The neighbors dog got ran over

I won't let my kids play in the
front yard

This is my street –
they don't belong here –
they are just using it as a cut-thru

Somebody is going to get killed!

You have to do something about this!

What we hear and see



What we hear and see



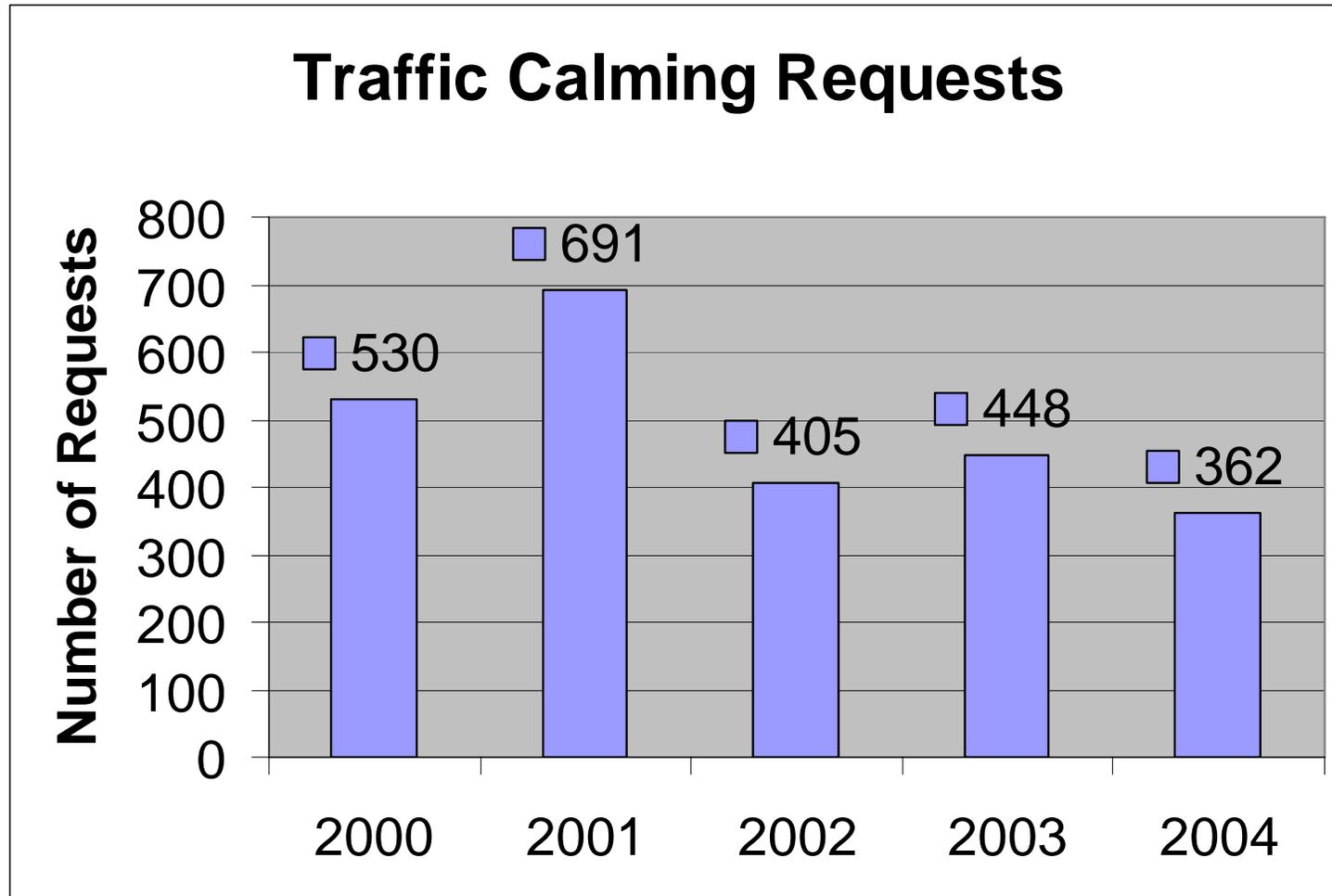
What we hear and see



What we hear and see



Responding to requests from residents...



What we are trying to achieve:

Vibrant communities

for happy residents

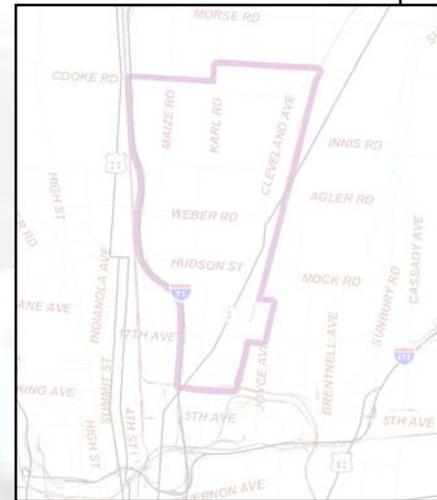


and successful businesses

Linden Area Traffic Management Plan

and

Community Mobility



Three Components of the Presentation:

The Progression

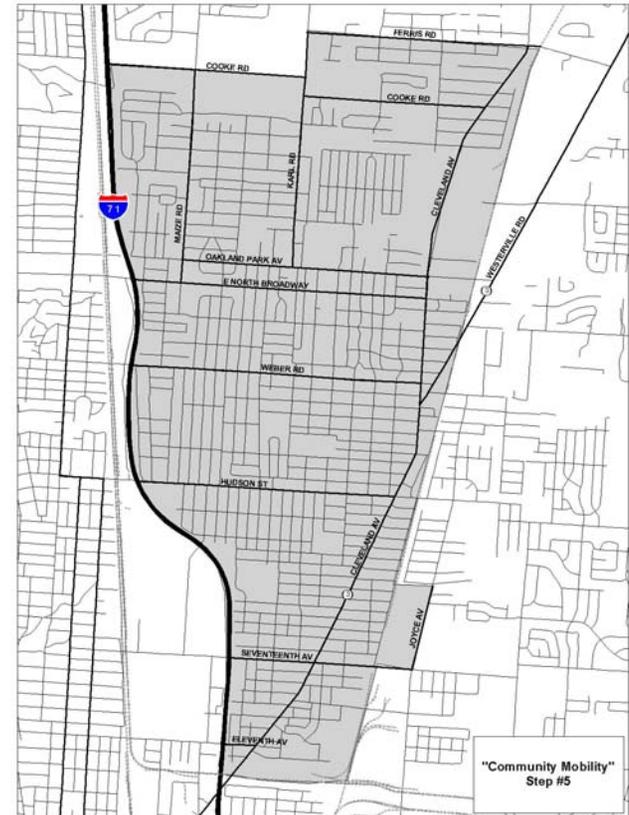
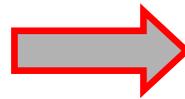
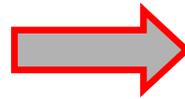
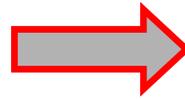
Engaging the Community

Recommendations

The Progression

The Progression

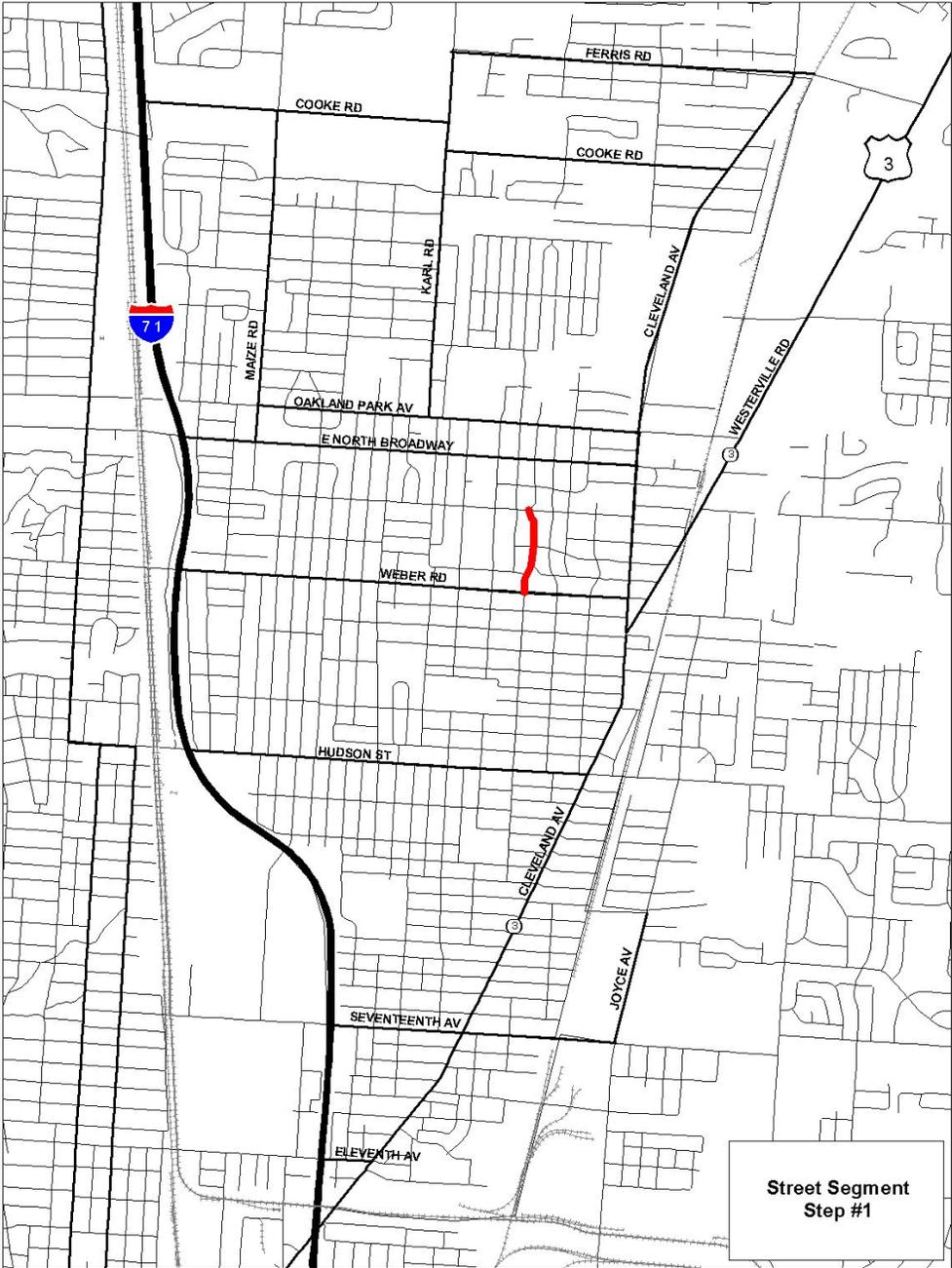
from Traffic Calming *to* Community Mobility



The Progression

Street Segments

Step #1



The Progression

Street Length
Between Arterials

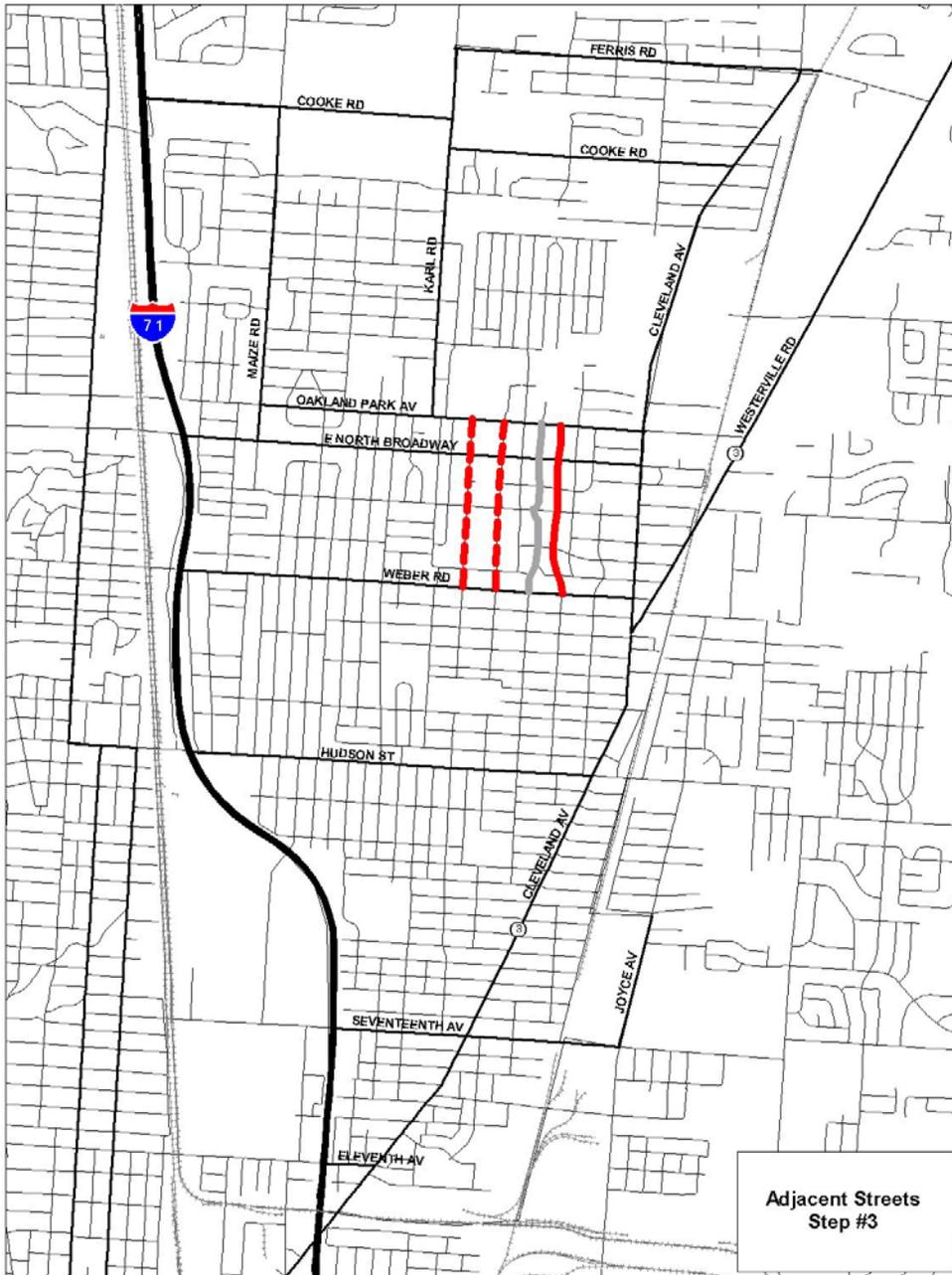
Step #2



The Progression

Adjacent Streets

Step #3

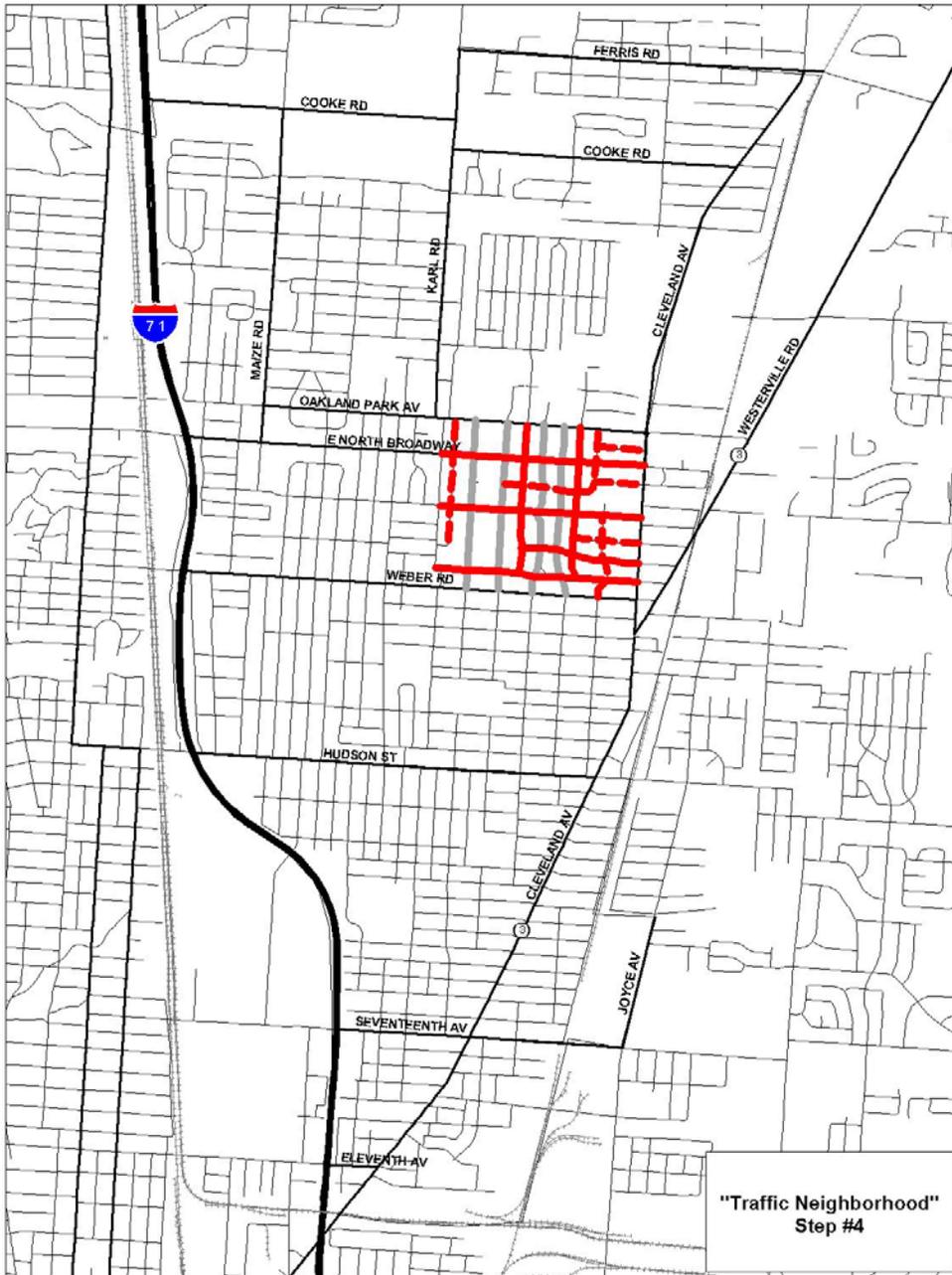


Adjacent Streets
Step #3

The Progression

Traffic Neighborhood

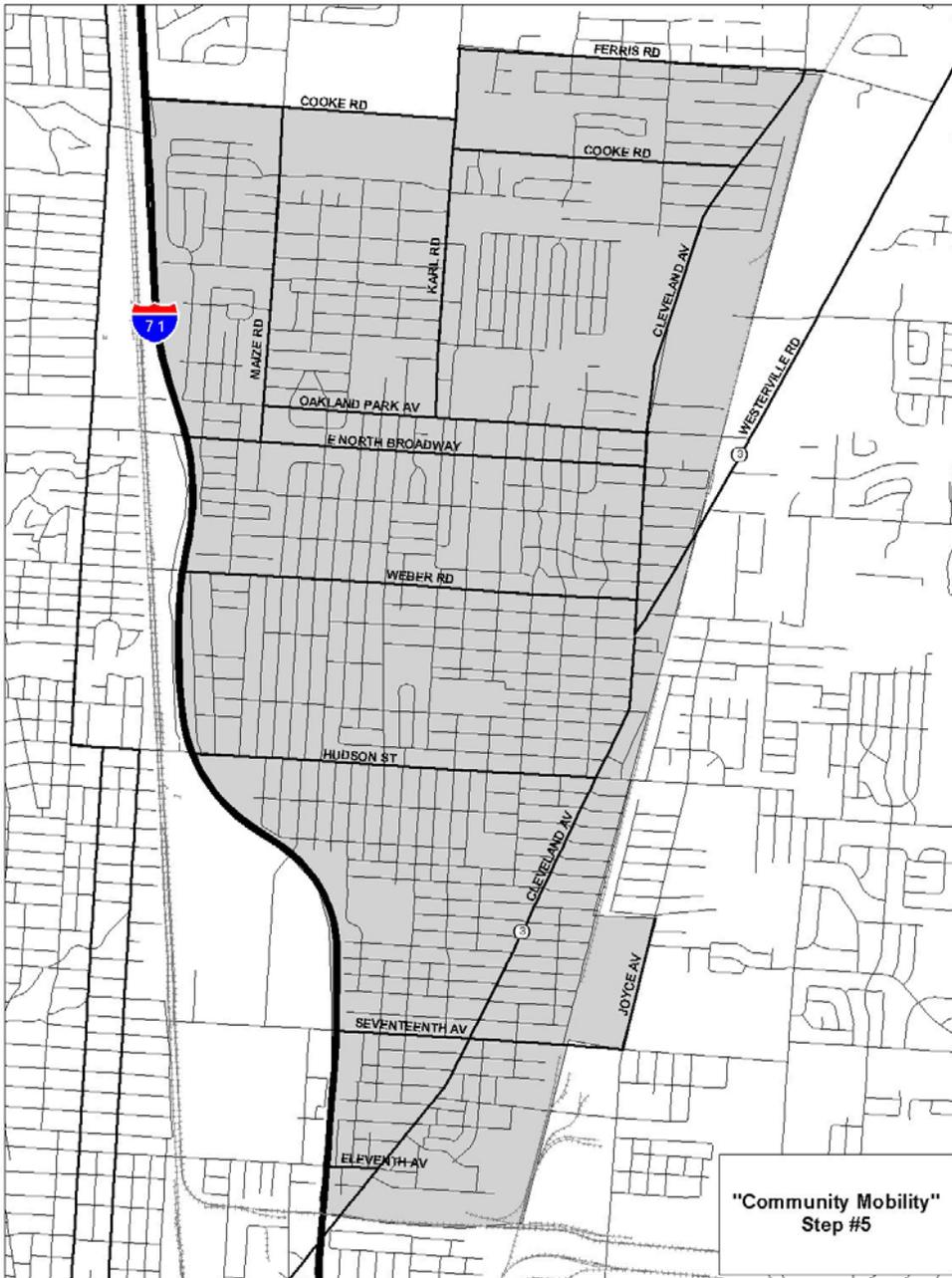
Step #4



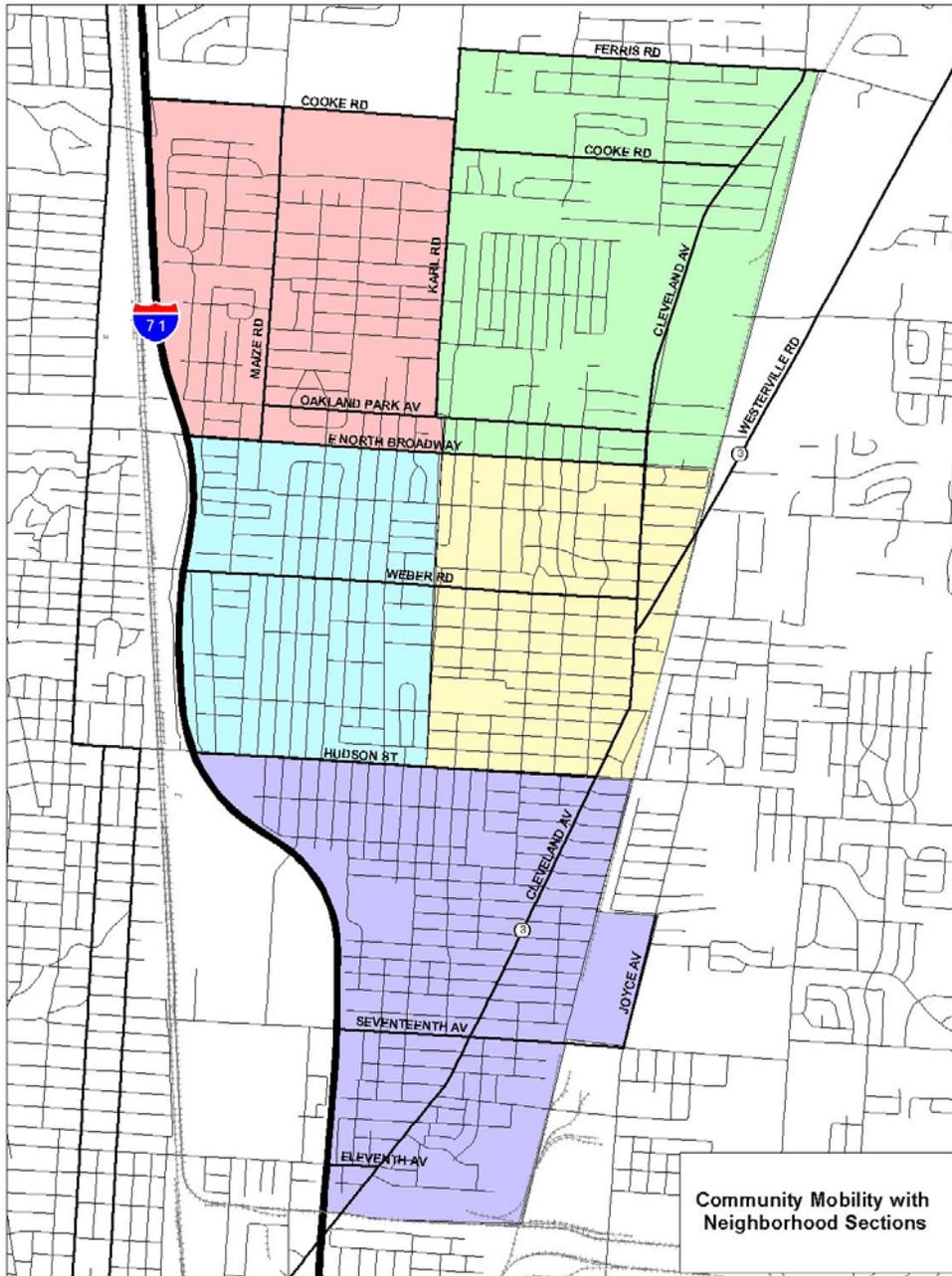
The Progression

Community Mobility

Step #5



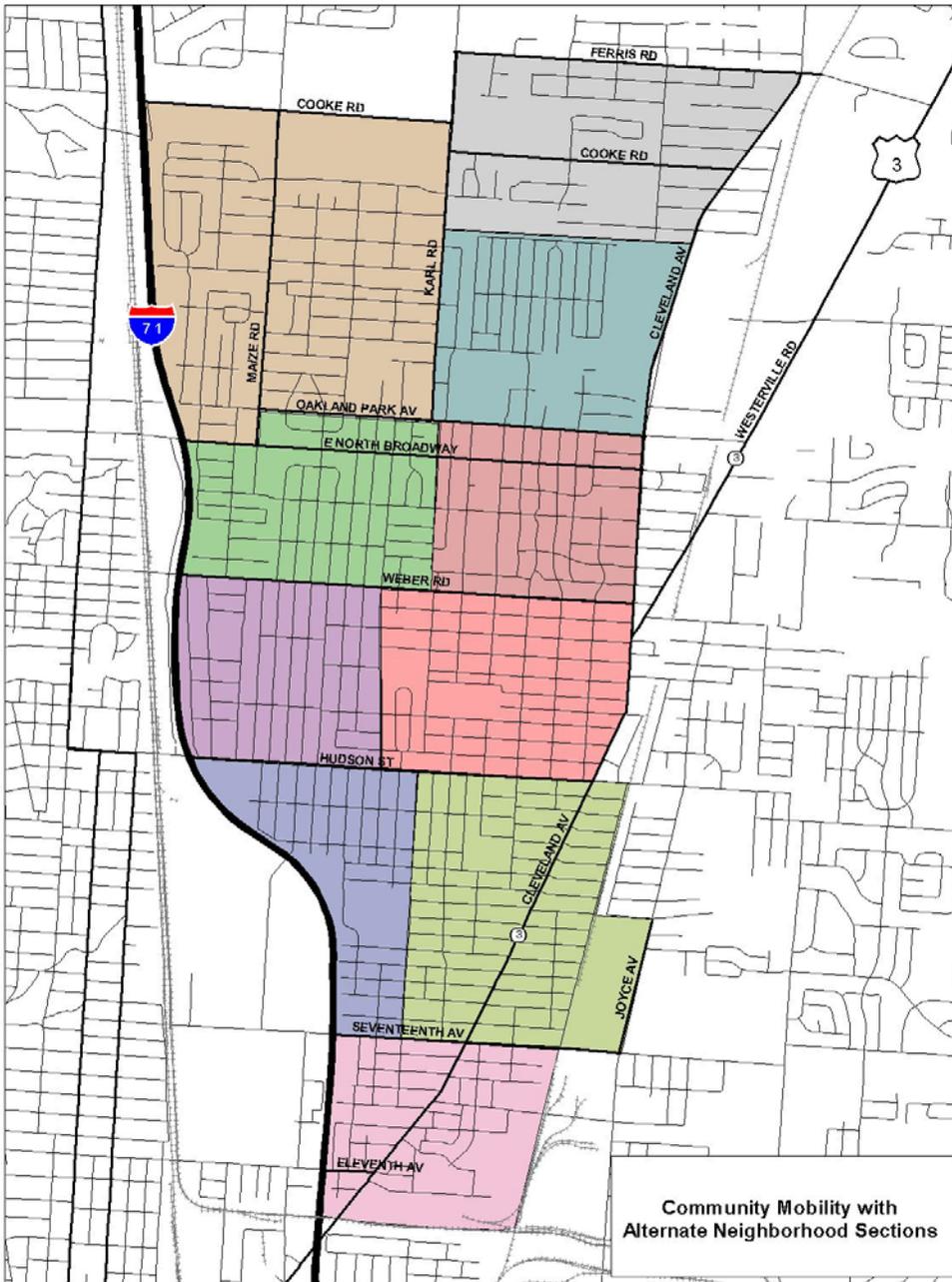
The Progression



**Defining
Communities
and their
Traffic
Neighborhoods
(Linden)**

The Progression

**Defining
Communities
and their
Traffic
Neighborhoods
(Linden as we
would do now?)**



The Progression

Why Community Mobility?

Comprehensive Solutions

Community ownership in plan

Balances needs of residents with
the ability to administer a program

Addresses arterial roadways

Long term implementation

Minimizes the diversion of traffic

Helps to solve the bigger problems

Engaging the Community

Engaging the Community



Engaging the Community



Community Leaders Meeting

- Introduce the idea to the community
- Stir interest in working with the City to help solve problems
- Increase success



Engaging the Community

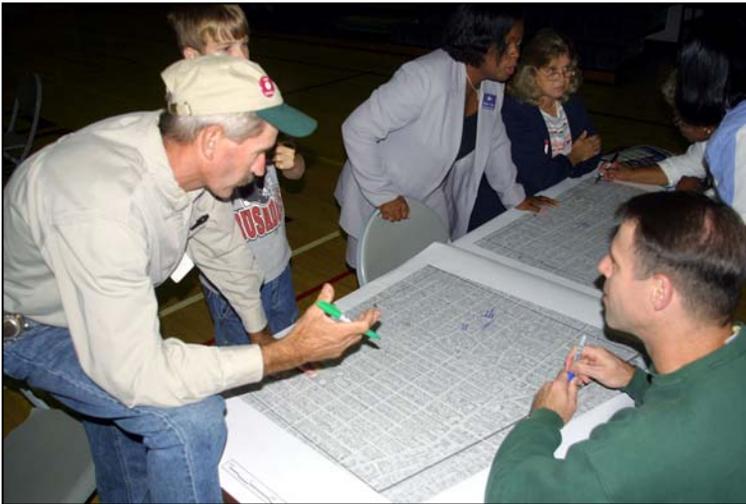
Walk Audit



- **Gather real-world understanding of issues**
- **Begin to formulate solutions**
- **Stir public interest to attend meetings**
- **Increase success**

Engaging the Community

Opening Session



- **Present plan development agenda**
- **Educate citizens on traffic engineering**
- **Identify problems**
- **Prioritize problems**
- **Brainstorm solutions**
- **Gain support for future participation**
- **Increase success**

Engaging the Community

Presentations at meetings of neighborhood organizations



- **Foster organizational relationships**
- **Gain organizational support**
- **Increase success of implementation**

Engaging the Community

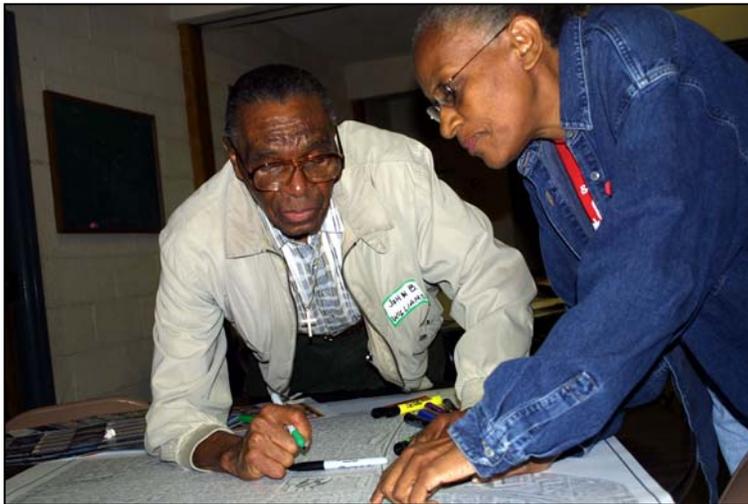
Open House

- **Informal presentation of plan and how it was developed**
- **Answer questions**
- **Plant seeds for implementation**
- **Gain support**
- **Increase success of future participation**



Engaging the Community

Acceptance of Plan and corresponding responsibilities



- **Acceptance by City**
- **Acceptance by Area Commissions**
- **Intent of plan (flexible to changing circumstances)**
- **Collaboration of City and Area Commissions to implement plan**
 - **City to be majority funding source**
 - **Area Commission to represent community voice**
 - **Area Commission to maintain landscaping**

Engaging the Community

Implementation of Plan Recommendations

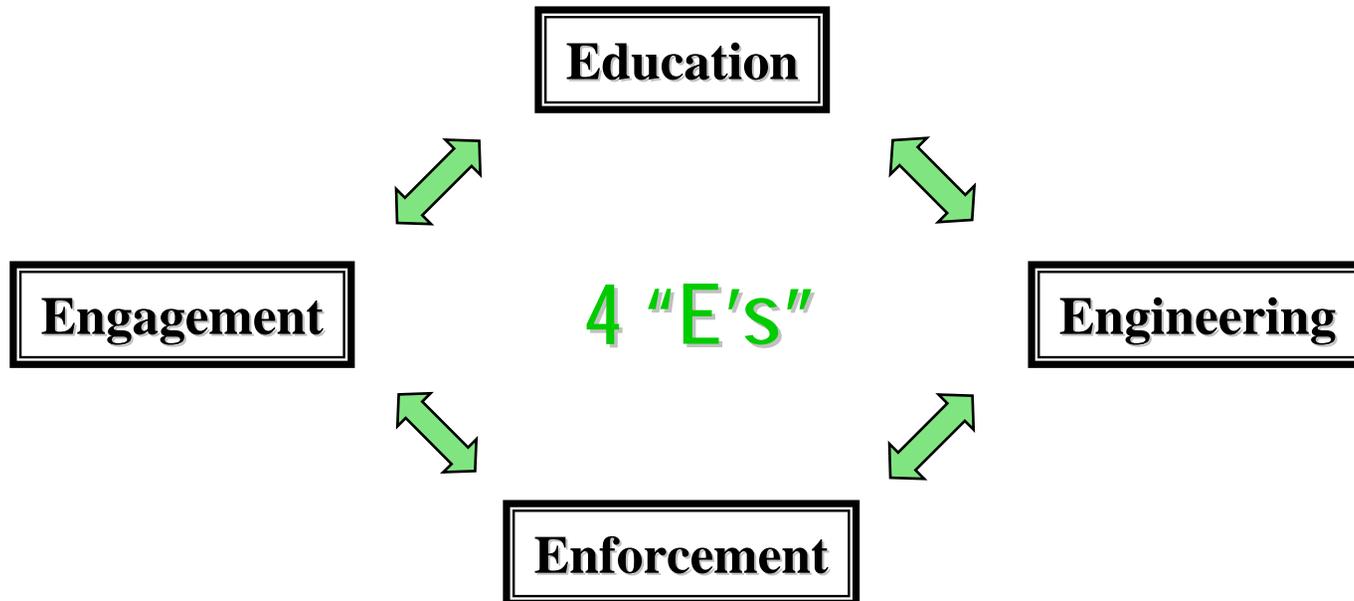


- **Area Commission to determine priorities with City guidance**
- **City to respond as per funding, staff, and correlating projects/programs**
- **Some projects and/or programs may be immediate and may wait many years**
- **Stand-alone projects or piggy-back projects**

Recommendations

Recommendations

Cornerstones of Community Mobility



Recommendations



Enforcement

Automobiles

- Speeding
- Not yielding to pedestrians

Pedestrians

- Jaywalking

Law Enforcement Audit and Course

Recommendations

Education

Campaign

- Presentations
- Flyers
- Rallies
- Media



Recommendations



Engagement

Plan Development

- 20 + meetings/presentations
 - Walk Audit
 - Problem Identification
 - Problem solution
- Advisory Group

Plan Implementation

- Prioritization of Engineering Treatments
- Support from Community

Recommendations

Engineering



Low Cost - Basic Installation

- Signs
 - One-way to Two-way Street
- Pavement Markings
 - Road Diet



Recommendations

Engineering

Visual Road Diet

7 mph speed reduction
(avg and 85th)

SL = 35 mph

ADT = 5500

36' wide



Recommendations

Engineering



Moderate Cost - Moderate Installation

- Pedestrian Refuge Islands
- Speed Tables
- Mini-Circle



Recommendations

Engineering



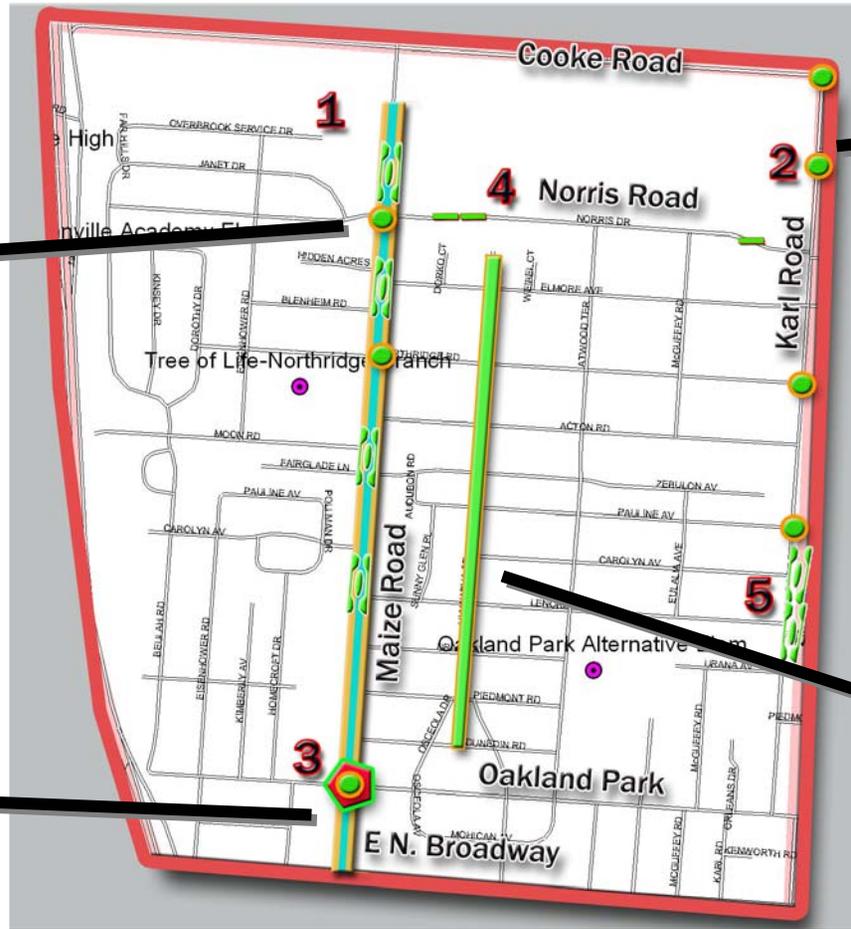
High Cost - Complex Installation

- Modern Roundabouts
- Sidewalks and ADA Ramps
- Bulb-outs
- Chicanes



Recommendations

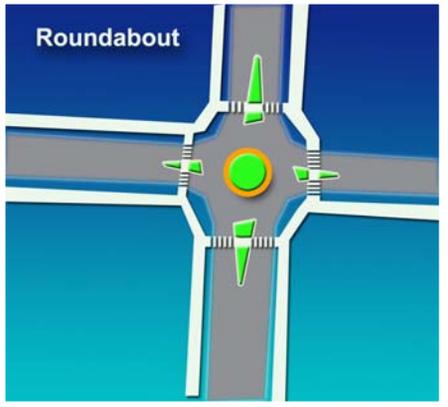
Northwest



Recommendations

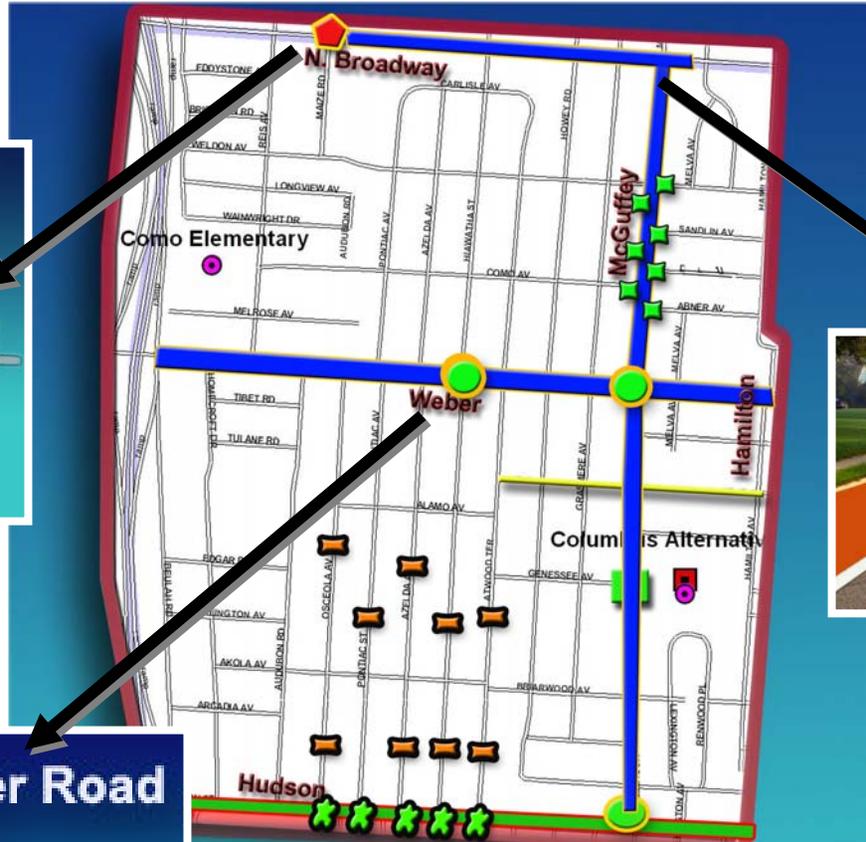
Northeast

Huy Road West



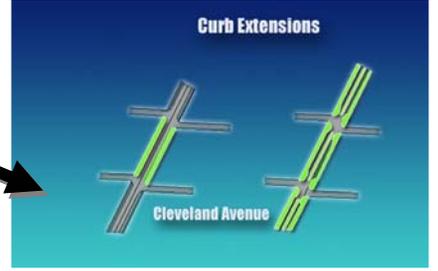
Recommendations

West Central



Recommendations

South



Consultants

Mid-Ohio Regional Planning Commission

- Walkable Communities, Inc (Dan Burden, public engagement process and recommendations)
- Wilbur Smith Associates (traffic counts and modeling)
- Herb Levinson (traffic engineering review)



Contact Information

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- Community Mobility Engineer and Project Manager
- jdsliemers@columbus.gov

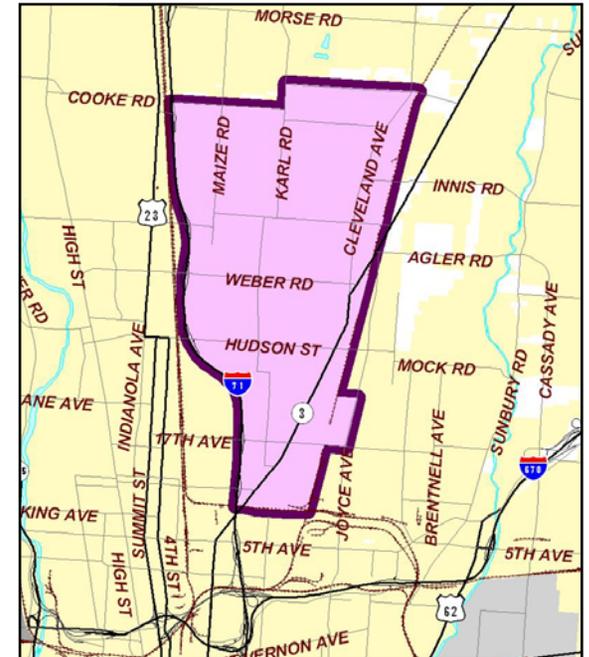
City of Columbus
Transportation Division
109 North Front Street
Columbus, Ohio 43215
614-645-8376

Resources

- www.columbus.gov/latmp/
- www.walkinginfo.org
 - Pedestrian Facilities Users Guide (FHWA)
- www.walkable.org
 - Streets and Sidewalks, People and Cars
 - Street Design Guidelines for Healthy Neighborhoods

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