



### Transit

- Upcoming Tasks
  - Develop concepts and assess feasibility
    - Consider collaborative trolley service
    - Other concepts to enhance transit service
    - Engage transit agencies and organizations
  - Potential routes
- Transit Focus Group
  - Working Group members
  - GCRTA
  - CWRU
  - Standard Parking
  - Cleveland Clinic
  - University Hospitals
  - Student User Groups
  - Security (UCPD, CHPD, RTA transit police)




### Existing Conditions - Bikeways




### Bikeway Corridors




### Bicycle Facilities

**Design Standards and Guides**

**Bike Lanes**

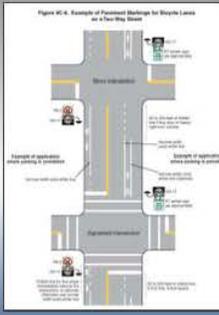
- Conventional Bike Lanes
- Buffered Bike Lanes
- Contraflow Bike Lanes
- Left Side Bike Lanes

**Intersections**

- Median Refuge Island
- Through Bike Lanes

**Bikeway Signing & Marking**

- Wayfinding
- Colored Bike Facilities
- Shared Use Lane Markings




### Design Standards & Guides




### Bike Lanes

**Conventional Bike Lanes**

Designate exclusive space for bicyclists with pavement markings and signage.






### Bike Lanes

#### Buffered Bike Lanes

### Bike Lanes

#### Contra-Flow Bike Lanes

- Bicyclists ride in opposite direction of motor vehicles
- One-way street converted to two-way; yellow center line striping
- Potential design challenges
- Potential for additional conflict points; driver expectations

### Bike Lanes

#### Left Side Bike Lanes

Conventional bike lanes placed on the left side of one-way streets or left side of two-way median divided streets.

### Intersections

#### Through Bike Lanes

### Intersections

#### Median Refuge Island

### Bikeway Signing & Marking

#### Bike Route Wayfinding Signage and Marking



### Bikeway Signing & Marking

#### Colored Bike Facilities

### Bikeway Signing & Marking

#### Shared Lane Markings ("sharrows")

### Bikeway Corridors

### Bikeway Corridors

- Superior (west of Euclid)
- Superior (Euclid to Mayfield)
- Euclid (west of MLK-Chester)
- Euclid (MLK to Adelbert)
- Euclid (Adelbert to E.123<sup>rd</sup>)
- Euclid (E.123<sup>rd</sup> to Superior)
- Mayfield (Euclid to Murray Hill)
- Mayfield (Murray Hill to Kenilworth)
- Mayfield (north of Kenilworth)
- Circle Drive
- Adelbert Road & Bridge
- Cornell Road & Bridge
- Wade Oval
- East Blvd
- E. 105th St
- E. 108th St
- E. 115th St
- Lakeview
- Wade Park
- MLK/Stokes/Fairhill
- Cedar (west of MLK)
- Cedar Hill (MLK to Euclid Heights)
- Cedar (Euclid Hts to Fairmount)
- Cedar (east of Fairmount)
- Bellfield-Grandview
- Scarborough
- Euclid Heights
- Coventry
- Taylor
- Lee
- Washington
- Edgehill (Murray Hill to Kenilworth)
- Overlook (Kenilworth to Cedar)
- Kenilworth

### Bicycle Corridor Alternatives

#### East Blvd

Alt 1: Add Signage on Existing Path

Alt 2: Widen to 10' Path, Add Signage

Alt 3: Add Sharrows in Travel Lane

### Bicycle Corridor Alternatives

#### Superior (Euclid to Mayfield)

Alt 1: Bike Lanes and Parking

Alt 2: Sharrows and Parking

Alt 3: Widen West Sidewalk to Trail



### Bicycle Corridor Alternatives

**Mayfield**  
(Murray Hill to Kenilworth)

Mayfield Road (Murray Hill to Kenilworth)

Alt 1: Add Sharrow

Alt 2: EB Bike Lane + WB Sharrow

Alt 3: Widen Sidewalk to 10' Trail

### Bicycle Corridor Alternatives

**Wade Park**

Wade Park

Alt 1: Sharrow (Keep on street parking)

Alt 2: Bike Lanes, On-Street Parking, One Side

Alt 3: Buffered Bike Lanes, No Parking

### Bicycle Corridor Alternatives

**Cedar Hill**  
(Cedar-Glenn Pkwy )

Cedar Hill

Alt 1: South Side Bike Trail

Alt 2: Uphill Bike Lane, Downhill Sharrow

Alt 3: Widen North Sidewalk to 10' Trail

Alt 4: Elevated Off Road Trail

### Bicycle Corridor Alternatives

**Bike Share Program**

**Bike Station**

- Showers
- Storage
- Repairs
- Rentals

### On-Line Survey

<http://www.clevelandheights.com/>  
<http://chmi.metroquest.com/>

### On-Line Survey

P.2 Priorities



### On-Line Survey

**P.3 Survey**

The screenshot shows a web browser window displaying a survey titled 'Survey: Tell us what you think'. The survey is part of the 'Circle Heights Bicycle Network Plan & Missing Links Transportation Study'. The form includes a 'Survey' button and a 'Survey' section with a 'Survey' button. The survey is currently in progress, and the user is asked to provide feedback on the project.

### On-Line Survey

**P.4 Map**

The screenshot shows a web browser window displaying a 'Spatial Feedback' map. The map shows a street grid with yellow lines indicating proposed bicycle routes. The map is titled 'Spatial Feedback: What else would you like to tell us?' and includes a 'Survey' button.

### On-Line Survey

**P.5 About You**

The screenshot shows a web browser window displaying an 'About You' form. The form includes a photo of a person and various input fields for personal information. The form is titled 'About You: Please tell us about yourself!' and includes a 'Survey' button.

### Project Schedule

| CIRCLE HEIGHTS PROJECT SCHEDULE |   | MISSING LINKS PROJECT SCHEDULE |   |
|---------------------------------|---|--------------------------------|---|
| Duration                        | Task  | Duration                       | Task  |
| Sept 2011                       | Task 1: Working Group Kick-Off                  |                                |   |
| Sept 2011 - Feb 2012            | Task 2: Existing Conditions                     | Jan 2012                       | Task 1: Project Kick-Off                          |
| March - May 2012                | Task 3: Conceptual Alternatives                 | Jan-Mar 2012                   | Task 2: Existing Conditions                       |
| April 2012                      | Task 4: Public Involvement<br>Public Meeting #1 | April-June 2012                | Task 3: Public Involvement<br>Public Meeting #1   |
| Apr 8-July 2012                 | Task 5: Alternatives Evaluation                 | June-Sept 2012                 | Task 4: Concept Development                       |
| Aug - Sept. 2012                | Task 6: Draft Bikeway Plan and Mapping          |                                |   |
| Sept. 2012                      | Task 7: Public Meeting #2                       | Sept-Nov 2012                  | Task 5: Public Meeting #2                         |
| Oct. 2012                       | Task 8: Bikeway Plan and Map                    |                                |   |
|                                 |   | Dec 2012                       | Task 6: Recommendations and Project Documentation |

**Thanks for being here  
and sharing your thoughts!**

The photo shows a group of about ten people standing outdoors. Some are wearing winter coats and hats, suggesting a cool day. There are bicycles parked in front of them. They appear to be at a public meeting or community event.

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Editor [Michelle Simakis michelle.simakis@patch.com](#)



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[Government](#), [Awareness](#)

## City, Circle Aim To Improve Non-Car Commuting

Consultants working with Cleveland Heights and University Circle highlighted the problems for bikers, walkers and bus travelers moving between the two now and what they'd like to do to improve transportation.

By [Michelle Simakis](#) | [Email the author](#) | 5:59 am

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Consultants answer questions from residents after the "Circle-Heights Bicycle Network & Missing Links Study" meeting April 17, 2012 at the Cleveland Heights Community Center. Credit [Michelle Simakis](#)

**Related Topics:** [Bike Lanes](#), [Cleveland Heights](#), [Cleveland Heights Community Center](#), [RTA](#), [Sharrows](#), [University Circle](#), [bike commuters](#), and [bus commuter](#)

The City of Cleveland Heights and University Circle want to improve bus, pedestrian and bike travel between the two places and encourage people to get out of their cars.

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But before they come up with concrete plans, with the help of many other cities and organizations, they want to hear feedback and input from residents.

About 40 people attended [Tuesday night's meeting](#) at the [Cleveland Heights Community Center](#) to hear more details about the two studies — one focused on making bike commuting better, the other on enhancing travel for bus riders and walkers.

[Consultants hired](#) to study the current non-car commuting methods and make recommendations to refine getting to and from the circle and the city presented some preliminary ideas.

For cyclists, they'd like to add sharrows (marks on pavement that indicate bikes can share lanes with cars), bike lanes, a combination of both or create trails in high-traffic areas like Mayfield Road, Euclid Heights Boulevard, Lee Road and that daunting hill on Cedar.

And they're considering where bike stations, which are equipped with showers, lockers and other amenities bikers need, could be located, especially for people who want to ride to work. Consultants are also reviewing bike sharing programs that allow people to rent two wheels for a day.

They also want to make bus routes more direct so transfers are not required, and clean up the overlap in schedules and routes of bus programs offered by the Greater Cleveland RTA, Case Western Reserve University and others.

After the presentation, Cleveland Heights resident and bike commuter Dana Bjorklund said she thought it was great the communities are considering making biking more convenient.

"If we have the roads better marked for cyclist, it makes it safer," she said. "We're known as a very progressive community in many ways, but I think this is a way we can be a leader."

She said she doesn't ride much in the winter and would consider taking the bus if it were cheaper.

"It's more expensive for me to ride mass transit than to drive, and there's something wrong with that," Bjorklund said.

Mark Chupp, a professor at Case, said he doesn't think the focus should be on improving bike conditions on the main roads — it should be teaching people about the smaller, alternate routes that are safer for cyclists.

"Cedar is too busy of a road and there are too many inexperienced bikers ... so often people get hurt," he said. Trying to get people off of the big roads and refining the lesser-known paths is the "missing link" for him, he said, citing the name of one of the studies.

Another meeting will be offered at 5 p.m. today at the Cleveland Museum of Natural History, 1 Wade Oval. Meeting attendees and those who can't make it are both asked to complete a [survey](#) online, which allows people to list their priorities, (cost, travel time, safety, etc.) highlight routes used in travel and pinpoint where there are problems like dangerous intersections on an interactive map.

The next task for consultants is to map out a proposal of where bicycle lanes, bus routes, sharrows, sharing programs and stations should be, draft more efficient bus routes and research what it would take to add a trolley service.

The project team includes University Circle, Inc., Cleveland Heights, Michael Baker Jr., Inc., City Architecture, Parsons Brinckerhoff and the Northeast Ohio Areawide Coordinating Agency.

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|  |   |   |  |
|--|---|---|--|
| Meeting Date   |   | Project Name  |  |
| Wednesday, April 18 <sup>th</sup> at 5:00 PM   |   | Circle-Heights Bikeway & Missing Links Study  |  |
| Meeting Time   |   | Meeting Location  |  |
| Subject  |   | Cleveland Museum of Natural History   |  |
| University Circle Public Meeting   |   | Meeting Agenda  |  |
| Attendees  |   | Public meeting to provide an overview of the project, the goals, objectives and anticipated outcomes, and to garner public input.   |  |
| Chris Bongorno, University Circle Institute<br>Marty Cader, City of Cleveland - Planning<br>Ryan Noles, NOACA<br>Marc Von Allmen, NOACA<br>Joseph Shaffer, GCRTA<br>Nancy Lyon Stadler, Baker<br>Marcie Aydelotte, Baker<br>Christopher Owen, Baker<br>Timothy J. Rosenberger, Parsons Brinkerhoff<br>25 members of the public |   | <ol style="list-style-type: none"> <li>1. Meeting Welcome &amp; Purpose</li> <li>2. Overview of Projects</li> <li>3. Public Involvement</li> <li>4. Existing Conditions</li> <li>5. Transit Study</li> <li>6. Bicycle Facilities</li> <li>7. Bikeway Corridor Study</li> <li>8. Online Survey</li> <li>9. Project Schedule &amp; Closing</li> </ol> |  |
| Item   | Description   |   |  |
| <b>1.0</b>   | <b>Meeting Welcome &amp; Purpose</b><br>Chris Bongorno welcomed everyone to the meeting and thanked the public for attending. He also thanked David Beach and the Cleveland Museum of Natural History for the use of their facility. Nancy Lyon-Stadler reviewed the meeting purpose and agenda.  |   |  |
| <b>2.0</b>   | <b>Overview of Projects</b><br>Nancy reviewed the Circle-Heights Bicycle Network Plan and the Missing Links Transportation Study and how they are working together. Both projects are focused on encouraging mode shift away from single occupant travel to bicycle, pedestrian and transit modes. <ul style="list-style-type: none"> <li>• Circle-Heights focuses on enhancements to infrastructure to make it easier for people to bike.</li> <li>• Missing Links study will provide a comprehensive transit service plan, as identified through surveys of the community for their desires of various opportunities.</li> <li>• Circle-Heights and Missing Links focus on discovering what's right for the community and the plans should be a reflection of what the community needs.</li> <li>• Circle-Heights and Missing Links both focus on short distance trips, increasing safety while promoting alternate mode travel between Cleveland Heights, University Circle and the adjacent communities.</li> </ul> |   |  |
| <b>3.0</b>   | <b>Public Involvement</b><br>Nancy reviewed the role of the public in the plan development process, and the stages of their involvement for comments and suggestions through the project.   |   |  |
| <b>4.0</b>   | <b>Existing Conditions</b><br>Nancy provided figures showing the existing and planned bicycle facilities in the study area. The mapping is based on data available from the County GIS database and the City of Cleveland's bicycle plan mapping.   |   |  |
| <b>5.0</b>   | <b>Transit Study</b><br>Tim Rosenberger reviewed the existing transit systems and features. There is a lot of transit in the study area, but it does not necessarily provide cohesive service to riders. When a transfer is required for travel,  |   |  |



|             |  |
|-------------|--|
|             | ridership is lost. This project will look at alternatives to enhance existing service(s) to provide more cohesive coverage. A collaborative trolley service will likely be considered. Other concepts to enhance transit service will be investigated, including transit innovations.  |
| <b>6.0</b>  | <b><i>Bicycle Facilities</i></b><br>Nancy gave a brief overview of the bicycle facilities and options that may be evaluated within the project limits. She then reviewed the each bicycle facility treatment alternative to ensure that the bikeway alternatives would be understood by all meeting attendees.   |
| <b>7.0</b>  | <b><i>Bikeway Corridor Study</i></b><br>Nancy reviewed the bikeway corridor map that illustrates the corridors the Working Group identified as priority bicycling corridors. She then reviewed the potential bicycle facilities for the featured corridors, as displayed on boards in the back of the meeting room.  |
| <b>8.0</b>  | <b><i>Online Survey</i></b><br>Nancy reviewed the on-line survey, noting the features of each page and inviting everyone to take the survey at their convenience, using the link provided on the meeting handout, or at the computers stationed along the edge of the room.<br><a href="http://chml.metroquest.com/">http://chml.metroquest.com/</a>   |
| <b>9.0</b>  | <b><i>Project Schedule and Closing</i></b><br>Nancy reviewed the upcoming project events. It was noted that there would be a second round of public meetings in the fall to present the plans.   |
| <b>10.0</b> | <b><i>Questions</i></b><br>Nancy gave the public an opportunity to voice questions and share thoughts and/or concerns. The following was brought up by the public: <ul style="list-style-type: none"> <li>• Will slides be available online? Chris will post slides on the UCI website after the meeting.</li> <li>• Is there a bicycle survey taken and counts taken? NOACA conducts bicycle counts at specified count locations in coordination with a nationwide bicycle count program.</li> <li>• There was a study done in NYC on types of cyclists indicating more men than women ride bicycles. How can we encourage more women to ride bicycles in the Cleveland Area? Nancy shared information from a recent webinar on women and bicycling. The webinar indicated that encouraging women and girls to ride bicycles can be increased by support groups that share advice on how to ride, clothing that works on a bicycle, and group rides.</li> <li>• Taxes are high here and the existing infrastructure resources are not maintained. Who would be paying for these improvements? Nancy acknowledged the concern with maintaining infrastructure, particularly with the current economic challenges. She noted that construction funding is available from outside funding sources, but communities need to plan for funding maintenance programs.</li> <li>• Who is Baker and what is their role? Michael Baker Jr., Inc. is a consulting engineering firm of approximately 4,500 employees headquartered in Pittsburgh, PA. The Ohio operations, with offices in Cleveland and Columbus, focus on transportation projects. Nancy is a civil engineer with technical expertise in traffic engineering and transportation planning. Nancy is the project manager and Baker is the lead firm on the project team for these projects.</li> <li>• What's the limitation about putting sharrows everywhere? Nancy acknowledged that there will be a point of diminishing returns with the use of sharrows. If they are placed everywhere, they will become less effective. Sharrows should be placed on roadways with sufficient traffic volume to allow for effective sharing of the roadway between motorized vehicles and bicyclists.</li> </ul> |



Circle-Heights Bicycle Network Plan & Missing Links Transportation Study  
 Public Meeting #1 Minutes  
 Cleveland Museum of Natural History, April 18, 2012



Circle-Heights Bicycle Network & Missing Links Transportation Studies  
**Public Meeting #1 – Cleveland Museum of Natural History**  
 April 18, 2012

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|   |  |                               |
|   |  |                               |
|   |  |                               |
|   |  |                               |









### Circle-Heights Bicycle Network Plan and Missing Links Transportation Study

#### Public Meeting #1

Cleveland Museum of Natural History  
 Cleveland, Ohio  
 April 18, 2012

### Project Team

### Overview of Projects

#### Circle-Heights Bicycle Network Plan

**Purpose:**  
 Develop a plan for a bicycle that will better connect University Circle and Cleveland Heights and the adjacent communities to support mode shift.

**Goals:**

- Connect destinations with safe and convenient bikeways
- Establish bikeways that serve a variety of riders and skill levels (trails, bike lanes, sharrows)
- Integrate support amenities (bike parking, bike sharing...)
- Connect to alternate modes
- Incorporate existing and planned bikeways
- Implementation strategy

### Overview of Projects

#### Missing Links Transportation Study

**Purpose:**  
 Enhance services and facilities to support mode shift away from auto travel between Cleveland Heights and the greater University Circle area, with a focus on enhanced transit service.

**Goals:**

- Identify opportunities for mode shift
- Provide comprehensive transit service
- Complete streets enhancements
  - Mayfield/Kenilworth
  - Edgemoor/Overlook

### Overview of Projects

#### Circle-Heights Bicycle Network Plan & Missing Links Transportation Study

**Desired Outcomes:**

- Facilitate alternate mode travel between Cleveland Heights, University Circle, and the adjacent communities
- Encourage mode shift away from auto travel

### Working Group & Steering Committee

|   |   |
|---|---|
| <p><b>WORKING GROUP</b></p> <ul style="list-style-type: none"> <li>City of Cleveland-Planning</li> <li>City of Cleveland-Traffic Engineering</li> <li>City of Cleveland Heights</li> <li>City of East Cleveland</li> <li>City of Shaker Heights</li> <li>GORTA</li> <li>Heights Bicycle Coalition</li> <li>NOACA</li> <li>University Circle Inc.</li> </ul> | <p><b>STEERING COMMITTEE</b></p> <ul style="list-style-type: none"> <li>Bike Cleveland</li> <li>Case Western Reserve University</li> <li>City of Cleveland-Planning</li> <li>City of Cleveland-Traffic Engineering</li> <li>City of Cleveland Heights</li> <li>City of East Cleveland</li> <li>City of Shaker Heights</li> <li>Cleveland Clinic Foundation</li> <li>Cuyahoga County Planning</li> <li>GreenCityBlueLake Institute</li> <li>GORTA</li> <li>Heights Bicycle Coalition</li> <li>Little Italy Redevelopment Corp.</li> <li>NOACA</li> <li>OOOT</li> <li>University Circle Inc.</li> <li>University Hospitals</li> </ul> |
|---|---|

- Project development
- Oversight and guidance
- Decision-making
- Internal agency coordination
- Focus group involvement



### Public Involvement

**GET INVOLVED!**

- Thoughts & ideas
- Understanding of study area
  - Issues
  - Concerns
  - What works, what doesn't
- Feedback

**PUBLIC MEETINGS**  
 April 17<sup>th</sup> – Cleveland Heights  
 April 18<sup>th</sup> – University Circle

**ON-LINE SURVEY**  
 Active April 16-May 15<sup>th</sup>




### Public Meeting #1

- Introduction of Projects
- Existing Conditions
  - Transit
  - Bikeways
- Transit
- Bikeway Corridors
- On-Line Survey
- Next Steps



Study Area



### Existing Conditions

**October 19, 2011  
 Field View/Bike Ride**




### Existing Conditions

- Facilities and features
- Bicycle and pedestrian facilities and challenges
  - Mixing with vehicular traffic
  - Lack of identified bicycle facilities
  - The big hill




### Existing Conditions

- Transit services
  - RTA
    - Red, Blue and Green rail lines
    - Bus routes (7, 8, 9, 10, 32, 37, 38, 40, 46/48A, 58, HealthLine)
  - Circle Link and other University Circle area shuttles
  - Cleveland Clinic parking shuttles




### Existing Conditions - Transit






### Transit

- Upcoming Tasks
  - Develop concepts and assess feasibility
    - Consider collaborative trolley service
    - Other concepts to enhance transit service
    - Engage transit agencies and organizations
  - Potential routes
- Transit Focus Group
  - Working Group members
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  - CWRU
  - Standard Parking
  - Cleveland Clinic
  - University Hospitals
  - Student User Groups
  - Security (UCPD, CHPD, RTA transit police)




### Existing Conditions - Bikeways




### Bikeway Corridors




### Bicycle Facilities

**Design Standards and Guides**

**User Groups**

**Bike Lanes**

- Conventional Bike Lanes
- Buffered Bike Lanes
- Contraflow Bike Lanes
- Left Side Bike Lanes

**Intersections**

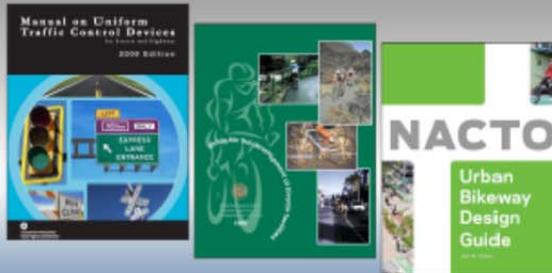
- Median Refuge Island
- Through Bike Lanes

**Bikeway Signing & Marking**

- Wayfinding
- Colored Bike Facilities
- Shared Use Lane Markings




### Design Standards & Guides




### User Groups

- 1. Strong & Fearless**
  - Very few
- 2. Enthused & Confident**
  - <10%
- 3. Interested but Concerned**
  - Majority of bicyclists
- 4. No Way, Now How**
  - About 30% of population

*(City of Portland research)*






### Bike Lanes

#### Conventional Bike Lanes

Designate exclusive space for bicyclists with pavement markings and signage.

### Bike Lanes

#### Buffered Bike Lanes

### Bike Lanes

#### Contra-Flow Bike Lanes

- Bicyclists ride in opposite direction of motor vehicles
- One-way street converted to two-way; yellow center line striping
- Potential design challenges
- Potential for additional conflict points; driver expectations

### Bike Lanes

#### Left Side Bike Lanes

Conventional bike lanes placed on the left side of one-way streets or left side of two-way median divided streets.

### Intersections

#### Through Bike Lanes

### Intersections

#### Median Refuge Island



### Bikeway Signing & Marking

#### Bike Route Wayfinding Signage and Marking

Figures 40-4, Green Signs and Pavement for Bicycle Facilities (Sheet 1 of 2)

Logos: Baker, MORGAN BRUNNER JOYNT, OH

### Bikeway Signing & Marking

#### Colored Bike Facilities

Logos: Baker, MORGAN BRUNNER JOYNT, OH

### Bikeway Signing & Marking

#### Shared Lane Markings ("sharrows")

Logos: Baker, MORGAN BRUNNER JOYNT, OH

### Bikeway Corridors

Logos: Baker, MORGAN BRUNNER JOYNT, OH

### Bikeway Corridors

- Superior (west of Euclid)
- Superior (Euclid to Mayfield)
- Euclid (west of MLK-Chester)
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- Mayfield (Murray Hill to Kenilworth)
- Mayfield (north of Kenilworth)
- Circle Drive
- Adelbert Road & Bridge
- Cornell Road & Bridge
- Wade Oval
- East Blvd
- E.105th St
- E.108th St
- E.115th St
- Lakeview
- Wade Park
- MLK/Stokas/Fairhill
- Cedar (west of MLK)
- Cedar Hill (MLK to Euclid Heights)
- Cedar (Euclid Hts to Fairmount)
- Cedar (east of Fairmount)
- Bellfield-Grandview
- Scarborough
- Euclid Heights
- Coventry
- Taylor
- Lee
- Washington
- Edgehill (Murray Hill to Kenilworth)
- Overlook (Kenilworth to Cedar)
- Kenilworth

Logos: Baker, MORGAN BRUNNER JOYNT, OH

### Bicycle Corridor Alternatives

#### East Blvd

Logos: Baker, MORGAN BRUNNER JOYNT, OH



### Bicycle Corridor Alternatives

#### Superior (Euclid to Mayfield)

Alt 1:

Alt 2:

Alt 3:

Wider Sidewalk to Trail

### Bicycle Corridor Alternatives

#### Mayfield (Murray Hill to Kenilworth)

Alt 1:

Alt 2:

Alt 3:

Wider Sidewalk to Trail

### Bicycle Corridor Alternatives

#### Wade Park

Alt 1:

Alt 2:

Alt 3:

### Bicycle Corridor Alternatives

#### Cedar Hill (Cedar-Glenn Pkwy )

Alt 1:

Alt 2:

Alt 3:

Alt 4:

### Bicycle Corridor Alternatives

#### Bike Share Program

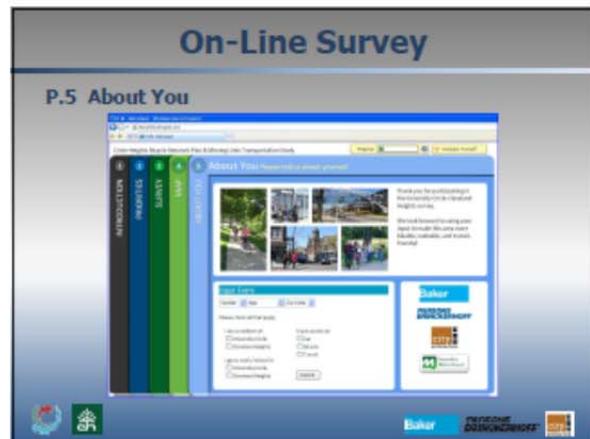
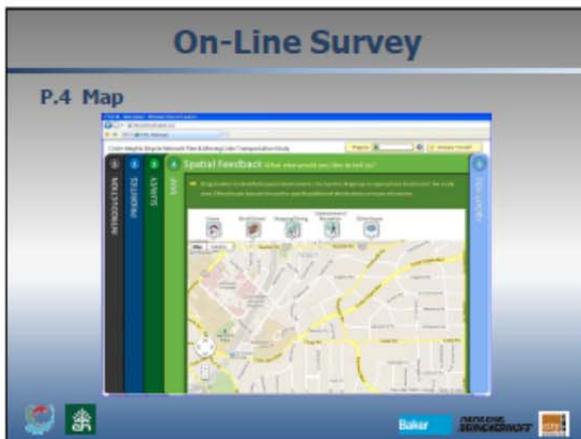
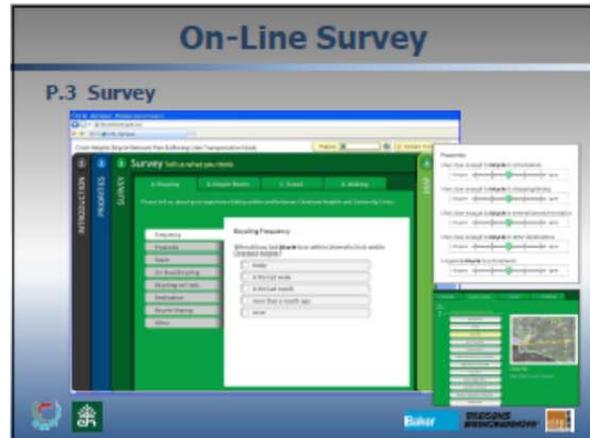
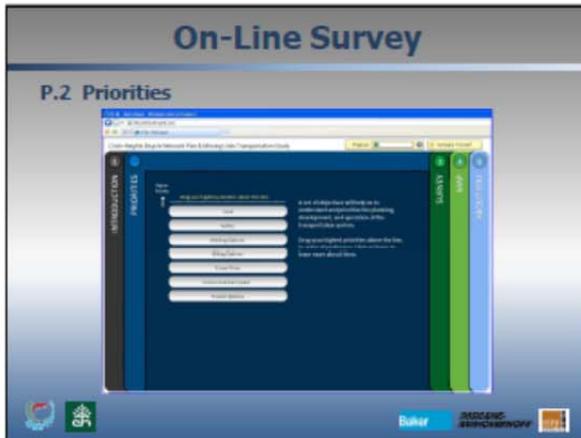
#### Bike Station

- Showers
- Storage
- Repairs
- Rentals

### On-Line Survey

<http://www.clevelandheights.com/>

<http://survey.noraca.com/>



### Project Schedule

| CIRCLE HEIGHTS PROJECT SCHEDULE |  | MISSING LINKS PROJECT SCHEDULE |   |
|---------------------------------|--|--------------------------------|---|
| Duration                        | Task   | Duration                       | Task  |
| Sept 2011                       | Task 1: Working Group Kick-Off               |                                |   |
| Sept 2011 - Feb 2012            | Task 2: Existing Conditions                  | Jan 2012                       | Task 1: Project Kick-Off                          |
| March - May 2012                | Task 3: Conceptual Alternatives              | Jan-Mar 2012                   | Task 2: Existing Conditions                       |
| April 2012                      | Task 4: Public Involvement Public Meeting #1 | April-June 2012                | Task 3: Public Involvement Public Meeting #1      |
| April-July 2012                 | Task 5: Alternatives Evaluation              | June-Sept 2012                 | Task 4: Concept Development                       |
| Aug - Sept 2012                 | Task 6: Draft Bikeway Plan and Mapping       |                                |   |
| Sept 2012                       | Task 7: Public Meeting #2                    | Sept-Nov 2012                  | Task 5: Public Meeting #2                         |
| Oct 2012                        | Task 8: Bikeway Plan and Map                 | Dec 2012                       | Task 6: Recommendations and Project Documentation |





|   |
|---|
| Meeting Date  |
| Thursday, May 24, 2012 at 9:30 AM   |
| Meeting Time  |
| Subject   |
| Transit Focus Group Meeting #1  |
| Attendees   |
| Chris Bongorno, University Circle, Inc.<br>Richard Wong, City of Cleveland Heights – Planning<br>Mary Dunbar, Cleveland Heights Bicycle Coalition<br>Maribeth Feke, GCRTA – Planning<br>Ryan Noles, NOACA<br>Karen Knittel, City of Cleveland Heights<br>Ray Kristosik, Little Italy Development<br>Ayden Ergun, UCI<br>Joe Mazzola, City of East Cleveland – Development<br>John Motl, ODOT District 12<br>David Pauer, EHP Wellness Program at Cleveland Clinic<br>Matthew Pietro, University Hospitals – Sustainability<br>Stephanie Strong-Corbett, CWRU – Sustainability<br>Gene Matthews, CWRU – Facilities Services<br>Samatha Ericson, GCRTA<br>Dave Tomco, Standard Parking<br>Bob Kohler, Standard Parking<br>Joanne Brown, CWRU – Planning<br>Dick Jamieson, CWRU – Campus Services<br>Nancy Lyon Stadler, Baker<br>Marcie Aydelotte, Baker<br>Timothy J. Rosenberger, Parsons Brinkerhoff |

|   |
|---|
| Project Name  |
| Missing Links Plan  |
| Meeting Location  |
| CWRU Inamori Center   |
| Meeting Agenda  |
| Joint project Steering Committee meeting to discuss the study progress, concepts development, public engagement strategy, and next steps. |
| 1. Meeting Welcome & Introductions  |
| 2. Existing Conditions Overview   |
| a. RTA Services (Past And Present)  |
| b. UC/UH/CWRU Services  |
| c. Other Services   |
| 3. Brainstorming  |
| a. Options For Creating A More Rider Friendly System  |
| b. Ideas For Cooperation Or Collaboration   |
| c. Ideas For Transit Waiting Environments/Infrastructure Improvements   |
| d. Other Thoughts   |
| 4. Development of Action List   |

| Item       | Description   |
|------------|---|
| <b>1.0</b> | <b>Meeting Welcome &amp; Introduction</b><br>Tim Rosenberger welcomed the meeting attendees and the project team working on the Missing Links project. Everyone present gave a brief introduction of who they are and what group they represent.  |
| <b>2.0</b> | <b>Existing Conditions Overview</b><br>Tim provided a review of the old and current RTA, UH/CC/CWRU routes in the Project Area. Chris B. brought up the courtesy shuttle that Cleveland Clinic runs every two hours to University Circle destinations. Maribeth brought up that the RTA Route 9 goes through University Circle and needs to be added to the list. Sam mentioned that the RTA Routes 7 and 32 have recently been adjusted and currently end at the Clinic, will no longer travel into downtown. Chris mentioned RTA Route 58 needs to be added to the listing as well.   |
| <b>3.0</b> | <b>Brainstorming</b><br>Tim Rosenberger reviewed the goals for improving transit, listing a more rider-friendly system with cooperation and collaboration among all involved agencies and improved transit waiting environments. Before identifying improvements, the group discussed what is currently working well in Cleveland. <ul style="list-style-type: none"> <li>• Multiple attendees listed the RTA Healthline as an effective system that is working.</li> <li>• Chris B identified moving people from parking areas to work areas as a strong suit of the current system.</li> <li>• Sam noted RTA has received compliments for extending the RTA Routes 7 and 32 to the clinic by people that ride there for work</li> </ul> |



| Item | Description   |
|------|---|
|      | <ul style="list-style-type: none"> <li>• Tim, as a response to a Lake Tran question, mentioned that running the commuter buses is not a cost-effective option since you need an 18-hour runtime per day to effectively service UH/CC.</li> </ul> <p>Tim then moved on and asked the Focus Group to identify areas of improvement that could be made in the Project Area. The Focus Group mentioned the following as room for improvement:</p> <ul style="list-style-type: none"> <li>• Chris B. commented that there are a high number of overlapping routes and a potential reluctance from those agencies to team together and link the routes. He also said that there is room for improvement in informing riders of available transit options, schedules, and arrivals/departures.</li> <li>• Stephanie S. recommended better signage as an area for improvement, as improving wayfinding (between biking, bus, and trains) is a consistent comment heard from student groups.</li> <li>• Mary D. mentioned the lack of information available at RTA stops, and lack of connections from RTA to other available services. Sam mentioned there is currently a push within RTA to get better signage at stops, but it will not happen this year.</li> <li>• Richard W. suggested posting paper maps in transit shelters as an opportunity for improvement, putting all the area services onto one map for the public to access. Chris B. mentioned that those papers and kiosks exist today, but they do not include Cleveland Heights on the service area. Representatives from Standard Parking mentioned that University Circle has shuttle maps that are produced annually, whereas Heights Bicycle Coalition has bike maps that cover the entire Project Area.</li> <li>• Chris B. listed Coventry and Cedar-Fairmount areas as opportunities for linking routes, cutting back the overlapping routes.</li> </ul> <p>Tim asked about areas of opportunity for infrastructure changes, as identified by the Focus Group. The Group listed the following as opportunities:</p> <ul style="list-style-type: none"> <li>• Maribeth F. wants to see transfer hubs to all alternate mode options (bus, train, bike, walking), with signage of how to link to the options. She mentioned that RTA has been working with University Hospitals for sustainable options for getting around the campus for employees and visits. Adelbert Road was listed as a good location for these hubs; there may be other potential locations in Cleveland Heights.</li> <li>• Chris B. asked Richard about the new transit waiting environments in Cleveland Heights; why they are powered but do not provide real-time information for the RTA buses. Sam and Maribeth mentioned that RTA is not quite ready to implement the real-time information, but it will be coming soon.</li> <li>• Chris B. mentioned altering/adding routes to service areas. For example, a new route that would run between Wade Oval and Coventry. He is not sure if it is a headway problem or a location problem that has hindered provision of these routes.</li> <li>• Richard W. suggested that real-time transit arrival information transit waiting environments let users know what their waiting time is, as waiting kills the popularity of the service.</li> <li>• Ray K. identified Little Italy as an area with room for infrastructure improvement. Currently there are no shuttles running through the district, despite numerous residents and businesses located there. Maribeth mentioned that with the RTA station being relocated to Little Italy, there may be opportunities for linking other transit services in the area.</li> <li>• Maribeth listed the project survey results as possible ways to identify new routes, whether commuter or trolleys for fun. She also identified potential funding through CMAQ (Congestion Mitigation Air Quality); the first three years would be covered and they could locate private funding thereafter, as they have done with the downtown trolley.</li> </ul> <p>Tim then raised improving rider-friendliness as an area of potential improvement, as identified by the Focus Group. The group listed the following as opportunities:</p> <ul style="list-style-type: none"> <li>• Tim listed NextBus, a real-time GPS tracking system, as a significant service enhancement for transit riders. He discussed branding transit services that travel through Univ Circle and Cleveland Hts. Examples provided were the shamrock for North Olmstead, Maple Leaf for Maple Hts; Tim suggested a similar image could be used to identify ways to traverse through Univ Circle and Cleveland Hts.</li> </ul> |



| Item | Description  |
|------|--|
|      | <ul style="list-style-type: none"> <li>• Tim suggested providing pedestrian pads and trash receptacles to help users identify bus/shuttle stops. He also suggested installing bike racks at bus stops as well as on the bus themselves, allowing for users to leave the bike at the bus stop.</li> <li>• Richard W. added that he thinks transit-linked lights to allow for faster transit options (as compared to individual vehicles on the same road) as an incentive towards taking transit.                         <ul style="list-style-type: none"> <li>– John M. informed the Group that he would have to check with ODOT about the feasibility of this option, since most of these major roads have a Level of Service that is below the acceptable rating.</li> </ul> </li> </ul> <p>Following the options for rider friendliness brainstorming discussion, Tim introduced the Focus Group to a few options that he had prepared. Three options were discussed, with a shuttle route in mind. The introduction covered varying lengths of service areas and the associated benefits and costs to run such a shuttle. In response, the following were noted responses from the Focus Group:</p> <ul style="list-style-type: none"> <li>• Maribeth asked why these shuttle routes would have a greater success than the former RTA circulators that failed. Tim mentioned that they key is keeping the pickup spots also interest spots, not running through residential neighborhoods.</li> <li>• Sam brought up the point that all the PB-suggested shuttle routes serviced specific destinations, while the routes did not provide any way of getting to the first destination – there will still be a need to get the users to the shuttle service areas.</li> <li>• John M. expressed concerns over operating cost, Tim said it would be dependent upon who was operating the service.</li> <li>• Maribeth mentioned that Joe [Calabrese] is pushing for van-pools over shuttles. Furthermore, if she were the user, she wouldn't want to have to wait for all the shuttle stops in order to get to Coventry.</li> <li>• Chris B. was interested in whether or not it would be possible to use unused RTA vehicles for the shuttle services, cutting down on upfront costs.</li> <li>• Tim offered to meet with and work out shuttle alignments with interested parties. He also mentioned that it is currently cheaper to park than to ride transit and voiced a desire to change that balance.</li> <li>• Chris B. mentioned that if employers wanted to reduce costs, they should incentivize and encourage employees to use transit. CWRU said there was no current initiative to end parking and offer incentives to non-vehicular modes of travel.</li> <li>• Mary D. mentioned that we need to be forward-thinking with build-outs, as there is already no room for future parking structures to be built.</li> <li>• Chris B. informed the group that the number of University Circle employees living in the surrounding areas to the Circle have decreased. People are moving out of the area and they need to do something to keep employees living in the area.</li> </ul> |
| 4.0  | <p><b>Development of Action List</b></p> <p>After the brainstorming discussions, Tim addressed the Focus Group and stated his intentions to do more work on the transit-waiting environments, based on results from the survey, for the next meeting. He will be sending out a Doodle invite to coordinate a second meeting in three to four weeks. In the meantime, Tim instructed each member of the Focus Group to think about his or her organization and whether or not they would support a shuttle and/or any of the other mentioned ideas.</p>   |



### Overview of Projects

Circle-Heights Bicycle Network Plan & Missing Links Transportation Study

**Desired Outcomes:**

- Facilitate alternate mode travel between Cleveland Heights, University Circle, and the adjacent communities
- Encourage mode shift away from auto travel




### Circle-Heights Bicycle Network Plan and Missing Links Transportation Study

Transit Working Group



May 24, 2012



### Introductions




### Project Team



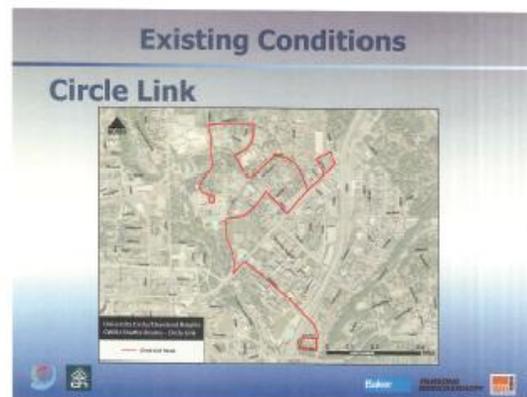
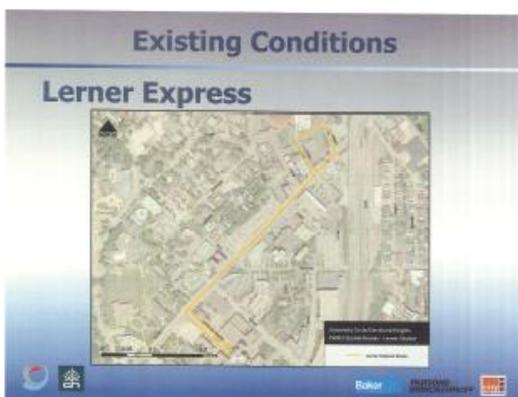
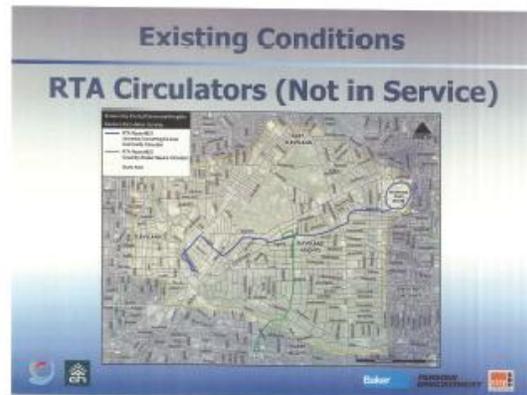
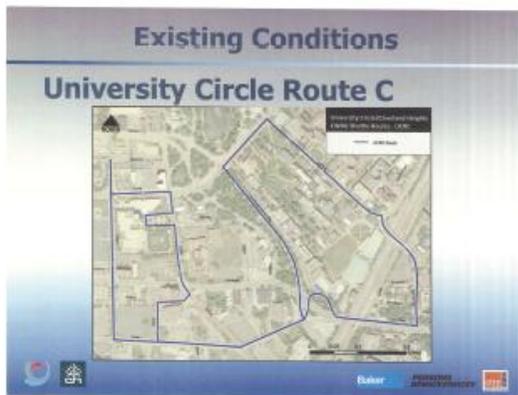
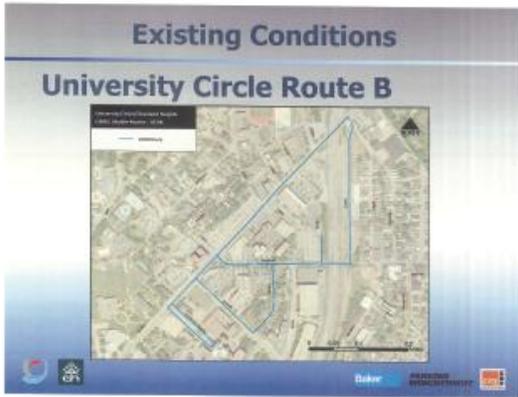

### Agenda

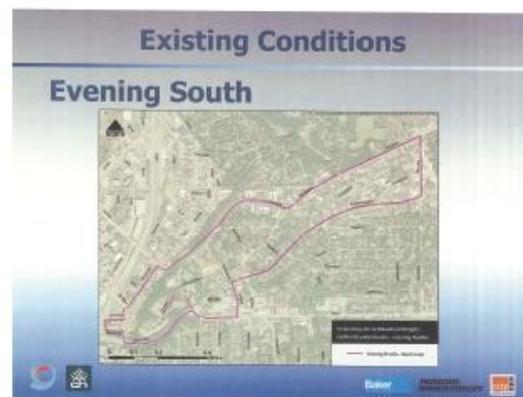
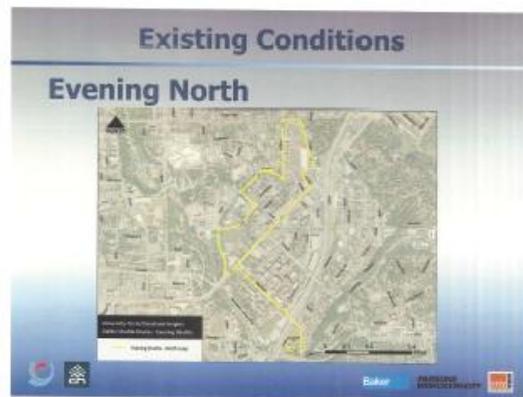
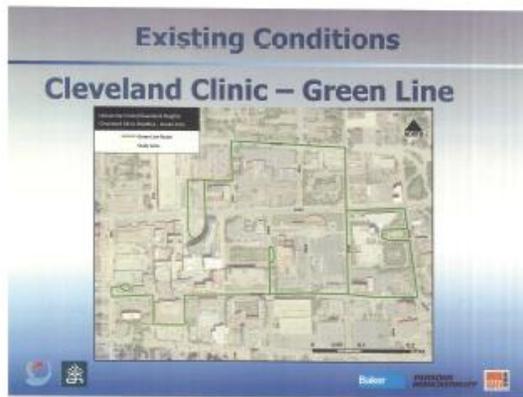
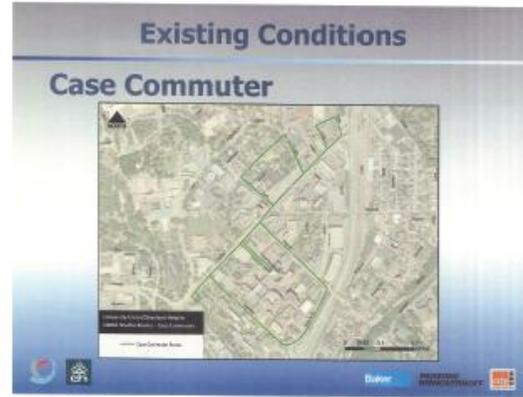
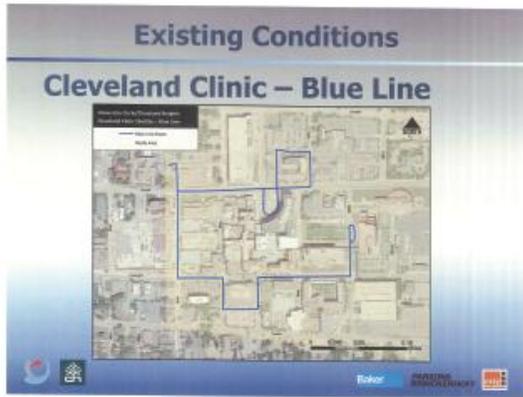
- Introductions
- Review of Existing Conditions
  - RTA Services (past and present)
  - UC/UH/Case Services
  - Other Services
- Brainstorming
  - Options for Creating a More Rider Friendly System
  - Ideas for Cooperation or Collaboration
  - Ideas for Transit Waiting Environments/Infrastructure Improvements
  - Other Thoughts
- Development of Action List
  - Agency-Providers
  - Cleveland Heights-UCI
  - Consultant Team




### Introductions







### Brainstorming

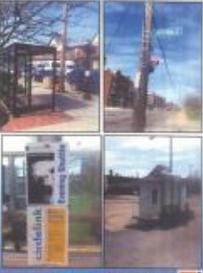
- Options for Creating a More Rider Friendly System
- Ideas for Cooperation or Collaboration
- Ideas for Transit Waiting Environments/Infrastructure Improvements




### Existing Conditions

#### Transit Infrastructure

- Standard, utilitarian
- Provides little information
- Condition varies
- No coordination between agencies




### Brainstorming

- What is working in the current system?
- What could be improved?
- Are there infrastructure changes that could facilitate improvements?
- Are there service changes or new services that could facilitate improvements?




### Existing Conditions

#### Cleveland Clinic – Hospitality




### Brainstorming

- Options for Creating a More Rider Friendly System
  - Expansion of NextBus
  - Cleveland Heights Transit Website/Guide
  - Other Thoughts




### Existing Conditions

- RTA Services connect UC and CH, BUT
  - Only route 9 goes through core of UC (Euclid)
  - Cedar, Euclid Heights buses touch edge
  - Service orientation (routing, scheduling) is to downtown commuter market
  - Infrastructure is ordinary
- UC and other services
  - Highly specialized
  - Mostly don't include CH





### Brainstorming

#### Cleveland Heights Shuttle Option 1

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### Brainstorming

- Ideas for Transit Waiting Environments/Infrastructure Improvements
  - Branded Bus "Stations" outside Euclid Corridor
  - Others?

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### Brainstorming

#### Cleveland Heights Shuttle Option 1

- Distance: 5.6 miles
- Estimated run time: 22 minutes
- Major Destinations:
  - Lulis Stakes VA Medical Center
  - Western Reserve Historical Society
  - Cleveland Museum of Natural History
  - Cleveland Institute of Art
  - CWRU Kevin Smith Library
  - Severance Hall
  - University Hospitals
  - CWRU Case Quad
  - CWRU Health Sciences Campus
  - Coder Fairmount
  - Coventry
  - Little Italy
  - Cleveland MOCA/Uptown
  - CWRU North Campus
  - Cleveland Botanical Gardens
  - Cleveland Institute of Music

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### Brainstorming

Baker | METROPOLITAN PARK AND RECREATION DEPARTMENT | CITY OF CLEVELAND

### Brainstorming

#### Cleveland Heights Shuttle Option 2

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### Brainstorming

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**Brainstorming**

**Cleveland Heights Shuttle Option 4**

**Baker** **Metropolitan Park and Recreation Department** **City of Cleveland**

**Brainstorming**

**Cleveland Heights Shuttle Option 2**

- Distance: 7.0 miles
- Estimated run time: 36 minutes
- Major Destinations:
  - Luis Stokes VA Medical Center
  - Western Reserve Historical Society
  - Cleveland Museum of Natural History
  - Cleveland Museum of Art
  - Cleveland Institute of Art
  - CWRU Kevin Smith Library
  - Severance Hall
  - Cleveland Clinic
  - Cleveland Children's Museum
  - University Hospitals
  - CWRU Case Quad
  - CWRU Health Sciences Campus
  - Cedar Fairmount
  - Coventry
  - Little Italy
  - Cleveland MOCA/Uptown
  - CWRU North Campus
  - Cleveland Botanical Gardens
  - Cleveland Institute of Music

**Baker** **Metropolitan Park and Recreation Department** **City of Cleveland**

**Brainstorming**

**Cleveland Heights Shuttle Option 4**

- Distance: 10.4 miles
- Estimated run time: 38 minutes
- Major Destinations:
  - Luis Stokes VA Medical Center
  - Western Reserve Historical Society
  - Cleveland Museum of Natural History
  - Cleveland Museum of Art
  - Cleveland Institute of Art
  - CWRU Kevin Smith Library
  - Severance Hall
  - University Hospitals
  - CWRU Case Quad
  - CWRU Health Sciences Campus
  - Cedar Fairmount
  - Cedar Lee
  - Severance Town Center
  - Cleveland Heights Community Center/Senior Center
  - Coventry
  - Little Italy
  - Cleveland MOCA/Uptown
  - CWRU North Campus
  - Cleveland Botanical Gardens
  - Cleveland Institute of Music

**Baker** **Metropolitan Park and Recreation Department** **City of Cleveland**

**Brainstorming**

**Cleveland Heights Shuttle Option 3**

**Baker** **Metropolitan Park and Recreation Department** **City of Cleveland**

**Brainstorming**

**Cleveland Heights Shuttle Option 5**

**Baker** **Metropolitan Park and Recreation Department** **City of Cleveland**

**Brainstorming**

**Cleveland Heights Shuttle Option 3**

- Distance: 7.5 miles
- Estimated run time: 28 minutes
- Major Destinations:
  - Luis Stokes VA Medical Center
  - Western Reserve Historical Society
  - Cleveland Museum of Natural History
  - Cleveland Museum of Art
  - Cleveland Institute of Art
  - CWRU Kevin Smith Library
  - Severance Hall
  - University Hospitals
  - CWRU Case Quad
  - CWRU Health Sciences Campus
  - Cedar Fairmount
  - Cedar Lee
  - Cleveland Heights Community Center/Senior Center
  - Coventry
  - Little Italy
  - Cleveland MOCA/Uptown
  - CWRU North Campus
  - Cleveland Botanical Gardens
  - Cleveland Institute of Music

**Baker** **Metropolitan Park and Recreation Department** **City of Cleveland**



### Brainstorming

#### Cleveland Heights Shuttle Option 5

- Distance: 14.5 miles
- Estimated run time: 50 minutes
- Major Destinations:
 

|   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Lela Stokes VA Medical Center</li> <li>• Western Reserve Historical Society</li> <li>• Cleveland Museum of Natural History</li> <li>• Cleveland Museum of Art</li> <li>• Cleveland Institute of Art</li> <li>• CWRU Kevin Smith Library</li> <li>• Severance Hall</li> <li>• University Hospitals</li> <li>• CWRU Case Quad</li> <li>• CWRU Health Sciences Campus</li> <li>• Cedar Framesure</li> <li>• Cedar Lee</li> <li>• Cleveland University Heights Public Library</li> </ul> | <ul style="list-style-type: none"> <li>• John Carroll University</li> <li>• Cedar Center</li> <li>• Oakwood Commons</li> <li>• Severance Town Center</li> <li>• Cleveland Heights Community Center/Senior Center</li> <li>• Coventry</li> <li>• Little Italy</li> <li>• Cleveland PIDCA/Updown</li> <li>• CWRU North Campus</li> <li>• Cleveland Botanical Gardens</li> <li>• Cleveland Institute of Music</li> </ul> |
|---|---|

### Brainstorming

- Shuttles
  - Worth Pursuing?
  - Who Operates?
  - Who Pays? How is cost divided?

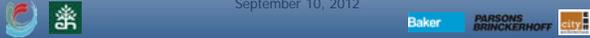
### Action List and Next Steps

- Further discussion, research on improvement options
  - Infrastructure/TWE
  - Technologies
  - Services
- Funding allocation and mechanisms

## Circle-Heights Bicycle Network Plan and Missing Links Transportation Study



Joint Project Steering Committee Meeting #3  
September 10, 2012



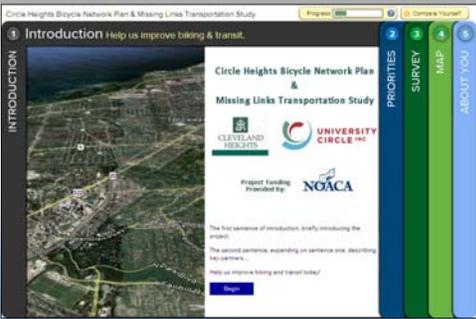
## Meeting Agenda

- Survey Results
- Bikeway Corridor Recommendations
- Complete Streets Recommendations
- Transit Update
- Next Steps




## On-Line Survey

More than 700 responded!




## On-Line Survey



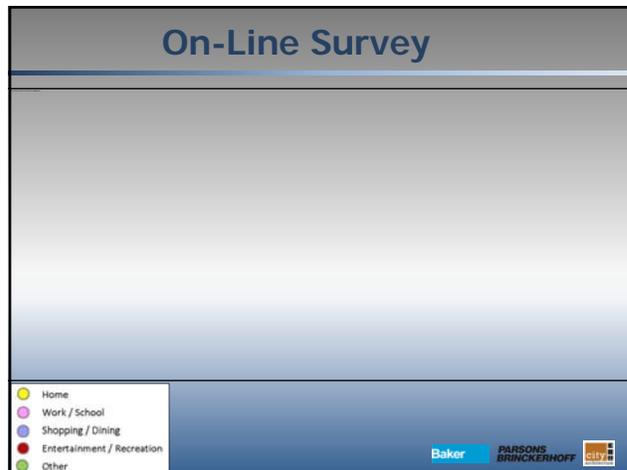
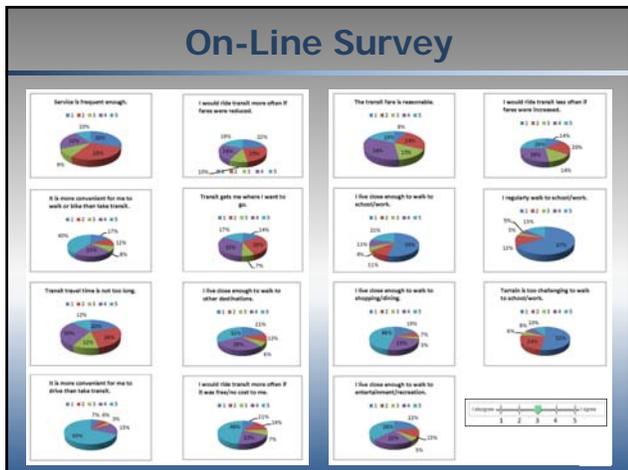
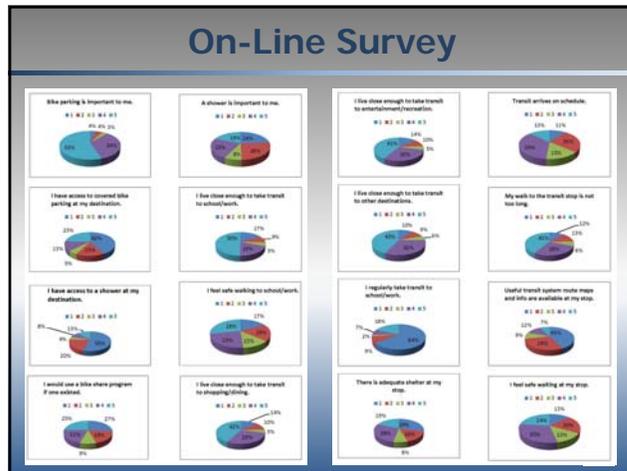
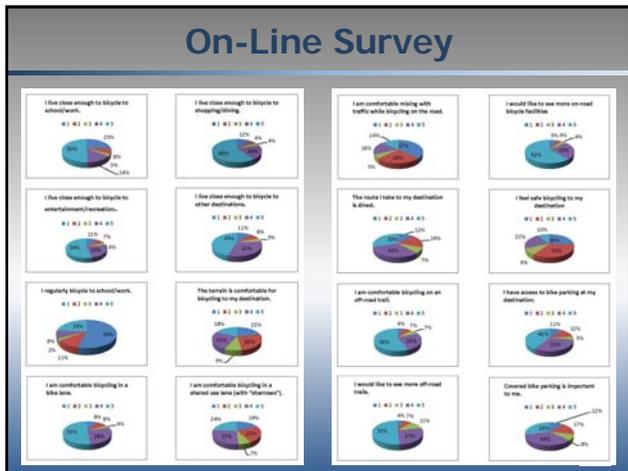
| Mode Choice          | Ranking (0-600) |
|----------------------|-----------------|
| Safety               | 580             |
| Travel Time          | 520             |
| Biking Options       | 480             |
| Environmental Impact | 420             |
| Cost                 | 380             |
| Transit Options      | 320             |
| Walking Options      | 280             |
| Entertainment        | 220             |

| Transit Mode                  | Ridership (0-350) |
|-------------------------------|-------------------|
| Metrolink                     | 320               |
| Metrolink Bus                 | 280               |
| Circle Line Shuttle           | 240               |
| Evening Shuttle South         | 200               |
| Other                         | 160               |
| Evening Shuttle North         | 120               |
| Chardon Circle Shuttle        | 80                |
| GOAC                          | 40                |
| Transit Route 6               | 20                |
| John Carroll Shuttle          | 10                |
| TRMMST (Tide Transit service) | 5                 |

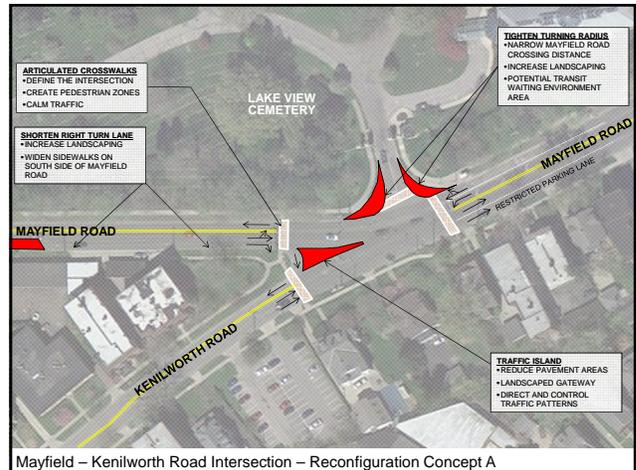
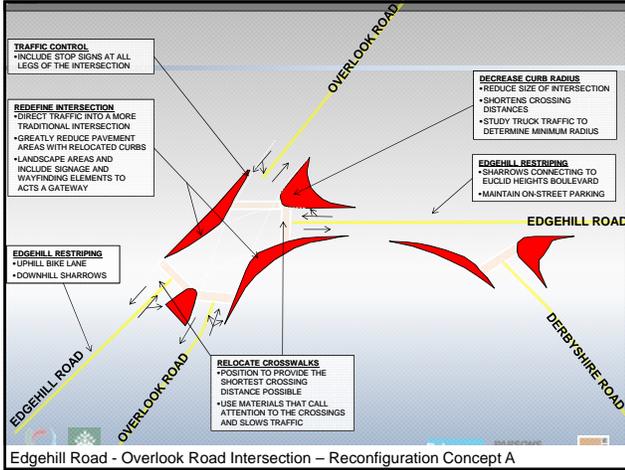
| Bike Route                         | Ranking (0-300) |
|------------------------------------|-----------------|
| Walker Rd.                         | 280             |
| Wain Rd.                           | 240             |
| Anderson Rd./Circle Dr./Carnel Rd. | 200             |
| Edgemoor Rd./Cherlock Rd.          | 160             |
| Euclid Heights Blvd.               | 120             |
| North Park Blvd.                   | 80              |
| Highland Rd.                       | 40              |
| 584 Dr./Oakes Blvd./Parish Rd.     | 20              |
| Euclid Ave.                        | 10              |
| East Blvd./Edin Dr.                | 5               |
| Bartholomew Rd.                    | 2               |
| Superior Rd.                       | 1               |

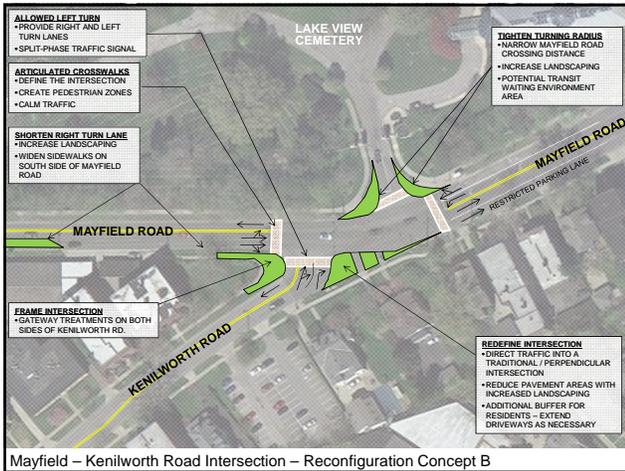
| Amenity               | Importance (0-300) |
|-----------------------|--------------------|
| Real Time Info        | 280                |
| Shelter at Bus Stop   | 240                |
| Lighting              | 200                |
| Route Information     | 160                |
| Bike Rack on Bus      | 120                |
| Bike Rack at Bus Stop | 80                 |





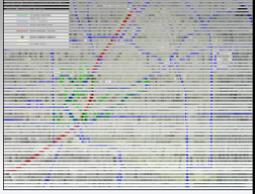






## Transit Update

- Transit Focus Group Meeting 5/24/12
- RTA meeting 8/31/12
  - Potential circulator routes
  - TWE improvements
- Reviewing survey results for insights in transit needs
- Standard Parking Meeting 9/17/12
- Scheduling meetings with other key stakeholders in late September (UH, Clinic, VA, Case, others)
- Next Transit Focus Group meeting to be scheduled when stakeholder meetings complete (October)








## Project Schedule

| CIRCLE HEIGHTS PROJECT SCHEDULE |  | MISSING LINKS PROJECT SCHEDULE |   |
|---------------------------------|--|--------------------------------|---|
| Duration                        | Task   | Duration                       | Task  |
| Sept 2011                       | Task 1: Working Group Kick-Off               |                                |   |
| Sept 2011 - Feb 2012            | Task 2: Existing Conditions                  | Jan 2012                       | Task 1: Project Kick-Off                          |
| March - May 2012                | Task 3: Conceptual Alternatives              | Jan-Mar 2012                   | Task 2: Existing Conditions                       |
| April 2012                      | Task 4: Public Involvement Public Meeting #1 | April-June 2012                | Task 3: Public Involvement Public Meeting #1      |
| April-July 2012                 | Task 5: Alternatives Evaluation              | June-Sept 2012                 | Task 4: Concept Development                       |
| Aug. - Sept. 2012               | Task 6: Draft Bikeway Plan and Mapping       |                                |   |
| Sept. 2012                      | Task 7: Public Meeting #2                    | Sept-Nov 2012                  | Task 5: Public Meeting #2                         |
| Oct. 2012                       | Task 8: Bikeway Plan and Map                 |                                |   |
|                                 |  | Dec 2012                       | Task 6: Recommendations and Project Documentation |



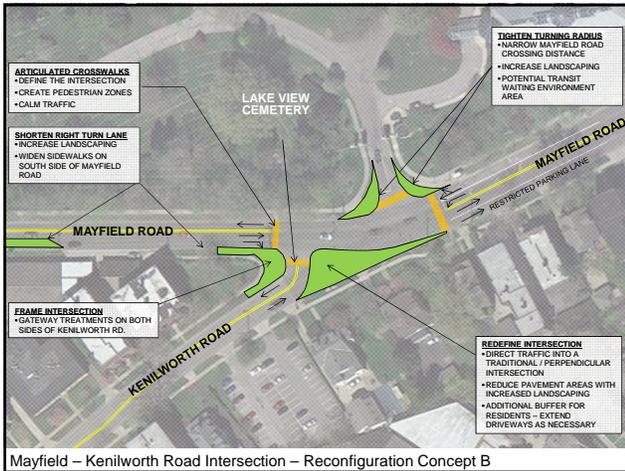


## Thank You!









**Transit Focus Group Meeting #2**

November 7, 2012



| Initials                   | Name  | Organization   | Address  | Phone                            | Email  |
|----------------------------|---|--|--|----------------------------------|--|
| <b>Working Group</b>       |   |  |  |                                  |  |
| CB                         | Chris Bongorno<br>Planning & Sustainability Mgr         | University Circle Inc.                                     | 10831 Magnolia Drive<br>Cleveland, Ohio 44106                                | (216) 707-5082                   | cbongorno@universitycircle.org                             |
| RW                         | Richard Wong<br>Director of Planning                    | City of Cleveland Heights                                  | 40 Severance Circle<br>Cleveland Heights, OH 44118                           | (216) 291-4878                   | rwong@clvhts.com   |
| MC                         | Marty Cader<br>Bike/Ped Manager                         | Cleveland City Planning<br>Commission                      | 601 Lakeside Avenue<br>Cleveland City Hall - Room 501<br>Cleveland, OH 44114 | (216) 664-3467                   | mcader@city.cleveland.oh.us                                |
| MD                         | Mary Dunbar   | Heights Bicycle Coalition                                  | 2880 Fairfax Road<br>Cleveland Heights, OH 44118                             | (216) 526-6216                   | maryadunbar@gmail.com                                      |
| MBF                        | Maribeth Feke<br>Dir. of Programming & Planning         | GCRTA  | 1240 West 6th Street<br>Cleveland, OH 44113                                  | (216) 566-5160                   | mfeke@gcrta.org  |
|                            | Rob Mavec, Commissioner<br>Andy Cross, Traffic Engineer | City of Cleveland,<br>Department of Traffic<br>Engineering | 601 Lakeside Avenue<br>Cleveland City Hall - Room 518<br>Cleveland, OH 44114 | (216) 664-3194<br>(216) 664-3197 | rmavec@city.cleveland.oh.us<br>across@city.cleveland.oh.us |
| RN                         | Ryan Noles<br>TLCI Planner                              | NOACA  | 1299 Superior Avenue<br>Cleveland, Ohio 44114-3204                           | (216) 241-2414<br>ext 273        | rnoles@mpo.noaca.org                                       |
| <b>Transit Focus Group</b> |   |  |  |                                  |  |
|                            | Mahmoud Al-Lozi<br>Principal Planning Engineer          | NOACA  | 1299 Superior Ave<br>Cleveland, Ohio 44114                                   | (216) 367-4007                   | MAI-lozi@mpo.noaca.org                                     |
|                            | Chris Alvarado<br>Associate Senior Planner              | Cuyahoga County<br>Planning Commission                     | 323 West Lakeside Avenue,<br>Suite 400<br>Cleveland, OH 44113                |                                  | calvarado@cuyahogacounty.us                                |
|                            | David Bachman   | VAMC   |  |                                  |  |
|                            | David Beach<br>Director                                 | The Cleveland Museum of<br>Natural History                 | 1 Wade Oval Drive<br>Cleveland, OH 4106-1767                                 | (216) 231-4600<br>x3366          | dbeach@cmnh.org  |
|                            | Debbie Berry<br>VP of Community Development             | University Circle Inc.                                     | 10831 Magnolia Drive<br>Cleveland, Ohio 44106                                | (216) 707-5006                   | dberry@universitycircle.org                                |
|                            | Joyce Braverman<br>Director of Planning                 | City of Shaker Heights                                     | 3400 Lee Road<br>Shaker Heights, OH 44120                                    | (216) 491-1432                   | joyce.braverman@shakeronline.com                           |