City of East Lansing Non-motorized Transportation Plan September 23, 2009

### City of East Lansing's Non-motorized Transportation Plan



## Preliminary Plan Public Workshop

Banquet Hall Hannah Community Center



Revised April 1, 2009	April	May	June	July	August	Sept.	Ort.
Plan Development	-	-	Partic.				Edits
Context and Network Maps		Dr	aft.				(ati
3 Trails Map			Draft				fdits
Policies & Guidelines				Draft			Edits
Education & Marketing Plan					Dra	*	Edita
6 Work Sessions with City Staff	0	0	0	0	0	0	
7 Public Workshops				S			
Legend:							
Meeting with City Staff (6)	Wed, Apr 15	Wed, May 20	Wed, Jun 17	Wed, Jul 1	Wed, Aug 19	Wed, Sep 16	
	1:30-3:30 PM						
Public Workshops (3)		Wed, May 27				Wed, Sep 23	Date to be
		7:00-9:00 PM				7:00-9:00 PM	Determined
Task Duration							



### Non-Motorized Transportation Plan Public Workshop Results



- Existing Activities Program Components
- Phased Implementation

### Easy and Safe Bike/Ped. Transportation System That Connects to Key Destinations in the City (8) More/Improved Crosswalks, Especially Along Major Roads (7)

Top Project Expectations / Desired Outcomes

- More Sidewalks, Especially Along Major Roads (6)
- More Accessible Bike Racks / Bike Parking Areas (5)
- Designated Bicycle Routes with Signage (5) Cars and Bike/Ped. Coexist (5)
- Make Connection to Lansing River Trail and Other Existing Trails (5)
- Connect Surrounding Outer Communities to the Downtown

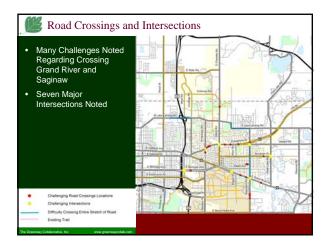




About 40 People Attended the May 27th Public Workshop



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Non-Motorized Transportation Plan
Non-motorized Network

Near-term

Proposed I

- Near-term Bike Lanes
   Proposed Long-term Bike Lanes
  - Proposed Bike Route System
  - Proposed Crossing Improvements



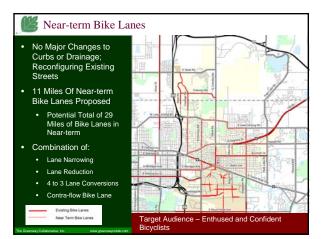
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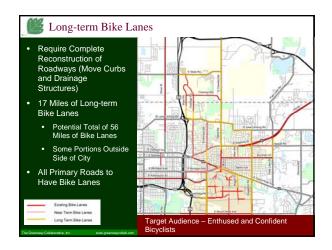
Bike Lanes / Paved Shoulders

- Designated Travel Lane For Bicyclists
   Delineated by Solid
- Delineated by Solid White Stripe, Bike Icon Pavement Markings and Signs.
- Bicyclists Travel The Same Direction as Motorized Vehicles

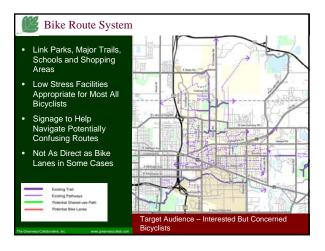






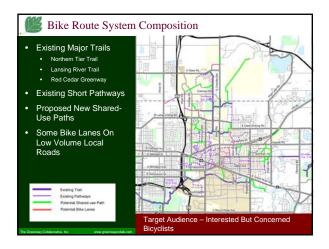


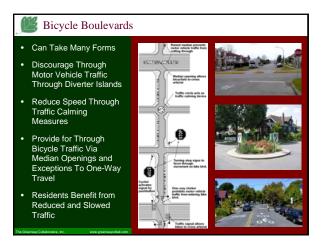






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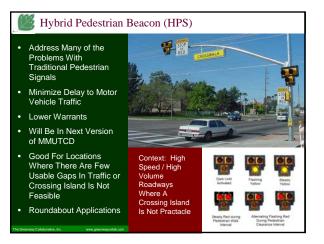














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#### Sidewalk (approx 5' wide)

- Should Be Located on Both Sides of the Road •
- Ideally Set Back From The Roadway and Barriers Between The Roadway And The • Sidewalk
  - Trees
- Light Poles
- Parked Cars



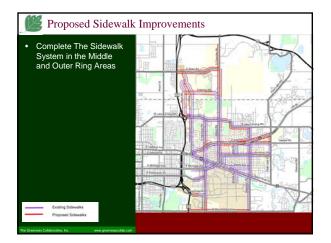
Context: Generally In Urban and Close-In Suburban Areas

#### Wide Sidewalk (6-8' wide)

- Allow Two Pedestrians • to Comfortably Walk Side by Side
- Suitable For Light Bicycle Use By Novice Bicyclists But Not A • Designated Bicycle Facility



Context: Generally In More Suburban and Rural Areas Along Busier Primary Roadways

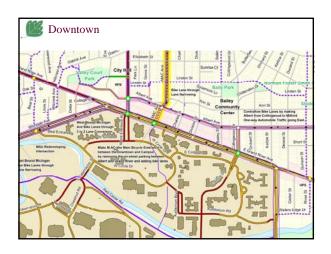


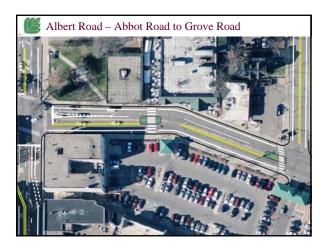


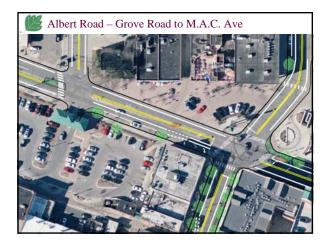


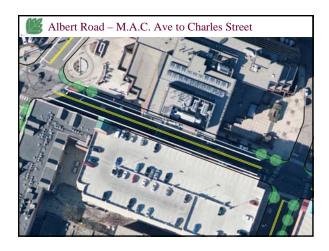
- Town / Gown Links

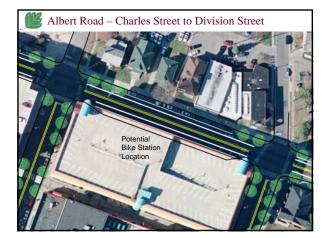
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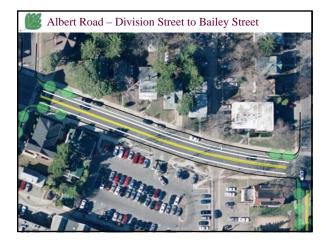




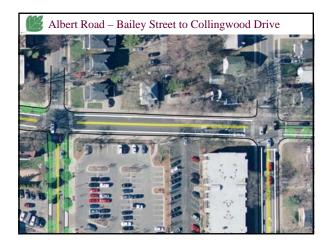


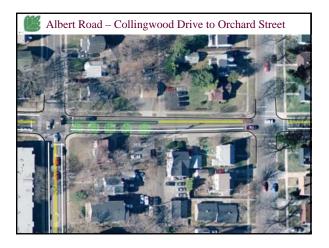






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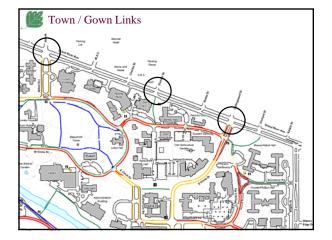
#### Contraflow Bike Lane

- A Two-Way Road for Bicyclists But Restricted To One-Way for Motorists
- Used To Reduce Out-of-Direction Travel Caused By One-Way Roads
- Used to Reduce Motorized Travel on A Roadway
- Generally Done In Short Segments
- Some Issues With
   Visibility At Intersections

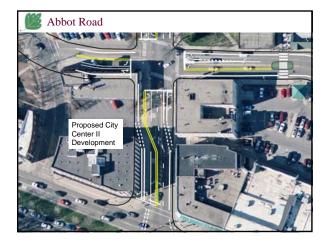


Bicyclists Context: Generally Used on Low Volume and Low Speed Collectors and Arterials In Urban Areas



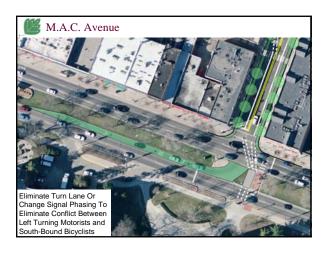


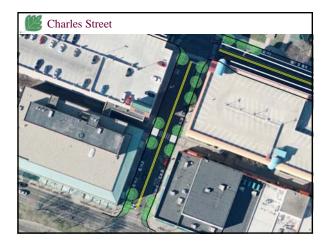




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Non-Motorized Transportation Plan Specific Areas



- Lake Lansing Road / US -127 Interchange
  - Harrison Road
  - Hagadorn Road / Grand River Intersection







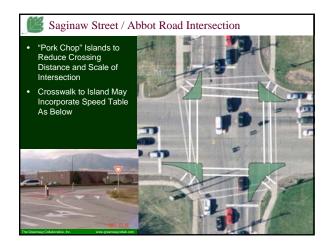






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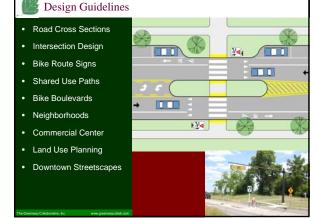
**Proposed Policies** 













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#### **Bike Parking**

- Spectrum of Solutions:
- Uncovered Racks
- Covered Bicycle Parking
- Bike Lockers
- Enclosed and Secured Parking
- Bike Station
- Seasonal On-Street Parking





#### Public Outreach and Education Program

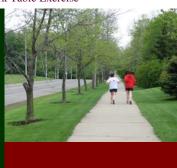
- . Need to Overcome The Inertia of The Familiar
- Targeted Marketing Towards Specific Groups
- Take Advantage of Existing Events
- Utilize Existing City and Regional Resources
- Person to Person ٠ Contact





#### Pedestrian Network Table Exercise

- Use RED Marker
- Mark Any Suggestions
   on Large Map
- Review Proposed Sidewalk
- Review Proposed Crossing Improvements
- You Have 15 Minutes





- Review Proposed Bike
- Lanes Review Proposed Bike
- Routes
- You Have 15 Minutes





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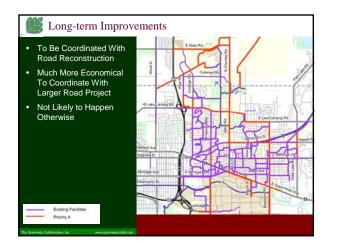
Non-Motorized Transportation Plan Phasing











Use GREEN Marker
Highlight Top Three Crossing Improvements
Highlight Top Three Proposed Sidewalks
Highlight Top Three Bike Lane Segments
Highlight Top Three Bike Routes
You Have 15 Minutes

Phasing Table Exercise



### Questions or Comments



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