Albemarle County
City of Charlottesville
University of Virginia
Bicycle and Pedestrian Improvements:
- Programs
- Implementation
- Education

Presenters:

Amanda Poncy, Charlottesville Bike and Ped Coordination
David Benish, Chief of Planning, Albemarle County
Julia Monteith, Senior Land Use Planner, University of Virginia
Metropolitan Planning Organization (MPO) Goals

- Regional transportation coordination: Long Range Transportation Plan, Joint Studies
- Equal access for bicyclists and pedestrians
- Data gathering and analysis
- Infrastructure investment priorities
- Supporting our partners
MPO Bike and Pedestrian Counts

- Conducted bi-annually since 2011
- Planned for Fall of 2015 - Sept. 29-Oct 5

Bike/Ped Count SNAPSHOT

In late April of 2015 the Charlottesville-Albemarle Metropolitan Planning Organization (CA-MPO) conducted a Bike and Pedestrian Count around the City of Charlottesville. Volunteers helped collect critical bike and pedestrian data at 10 locations across 4 days.

Volunteers counted for a total of 04.5 hours over a 4 day period.

Total bike and pedestrians counted:

\[ \text{1} = 9,524 \quad \text{2} = 1,195 \]

Highest Count Volume by Intersection

<table>
<thead>
<tr>
<th>BICYCLES</th>
<th>PEDESTRIANS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.35</td>
<td>79.88</td>
</tr>
</tbody>
</table>

Average Bikes Per Count (15 Minute Average)

<table>
<thead>
<tr>
<th>Intersection</th>
<th>Average Bikes Per Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ridge Street &amp; West Main</td>
<td></td>
</tr>
<tr>
<td>W 3rd Street &amp; Emmet St</td>
<td></td>
</tr>
<tr>
<td>West Main Street</td>
<td></td>
</tr>
<tr>
<td>Ivy Rd &amp; Emmet St</td>
<td></td>
</tr>
<tr>
<td>Water Street &amp; 2nd St</td>
<td></td>
</tr>
<tr>
<td>Market Street &amp; Monument</td>
<td></td>
</tr>
<tr>
<td>JPA &amp; Emmet St</td>
<td></td>
</tr>
<tr>
<td>John Warner Parkway</td>
<td></td>
</tr>
<tr>
<td>Azalea Street &amp; Garrett St</td>
<td></td>
</tr>
<tr>
<td>Belmont Bridge</td>
<td></td>
</tr>
<tr>
<td>Free Bridge (US 250)</td>
<td></td>
</tr>
</tbody>
</table>

Charlottesville-Albemarle MPO: Data Gathering
JPA/Emmet Intersection

- Transportation Enhancement Grant
- Continuous bike facilities through intersection
- Sidewalk and crosswalk improvements
- Upgraded landscaping

Charlottesville-Albemarle MPO: Grants
“Roadways that enable safe and convenient access for all users including bicyclists, children, persons with disabilities, motorists, movers of commercial goods, pedestrians, users of public transportation, and seniors.”
City/County Connections
Vision network and regional Long Range Transportation Plan

Bicycle and Pedestrian Master Plan (2015)
Vision

Walking and biking will be practical, convenient, safe, and pleasant ways to travel to destinations within and adjacent to the City.
City/County
Prioritization Criteria

- Commercial/Residential Connections
- Connected Streets
- Functional Roadway Classification
- Low Income Areas
- Overlap of School Areas
- Park Access
- School Proximity
- Transit Stop Access

City Sidewalk Priorities (2016-2021)
250 Bypass Commuter Trail

John Warner Parkway

Charlottesville Trails Implementation

City Trail Network - Next 3 years

Trail Projects in Design / Construction
- Monticello Ave Improvements
- West Main Street
- Ridge/5th
- Belmont Bridge
- 250 Bypass Trail
- Rivanna River
- Moore’s Creek
- Meadow Creek
- Schenk’s Greenway

Near-Term On-Street/Trail Bicycle Priorities
- New sidewalk/trail/bike lane construction
- Paving coordination
- Updating traffic signals
- Traffic calming
- Intersection improvements
- Signal timing
- Upgrading crosswalks
- Improving handicap ramps/pedestrian pushbutton accessibility

On-going Bicycle and Pedestrian Implementation
• New sidewalk/trail/bike lane construction
• Sidewalks required new development
• Updating traffic signals
• Traffic calming
• Shoulder paving/narrowing lanes
• Intersection improvements
• Signal timing
• Install crossings and pedestrian phasing
## Recently Completed Projects

<table>
<thead>
<tr>
<th>Location</th>
<th>Sidewalk</th>
<th>Bike Lane</th>
<th>Trail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jarman's Gap Road</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Georgetown Road</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John Warner Parkway</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Belvedere Boulevard</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Rio Road East</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hillsdale Drive</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commonwealth Drive</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>US 250 Pantops</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Old Mill Trail</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Lickinghole Creek Trail</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Hollymead Town Center</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**County Bicycle and Sidewalk Implementation**
### Future Projects (next 5 years)

<table>
<thead>
<tr>
<th>Location</th>
<th>Sidewalk</th>
<th>Bike Lane</th>
<th>Trail</th>
<th>Crosswalks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ivy Road</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Fontaine Ave</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Barracks Road</strong></td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Hydraulic Road</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>US 29 Widening</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Berkmar Dr. Ext.</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Hillsdale Dr.</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rio Road East</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>State Farm &amp; S. Pantops Dr.</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bent Creek Drive</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Moore's Creek Trail</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Old Lynchburg Road</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crozet Avenue US 250 Crozet</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>US 250 Pantops</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**County Bicycle and Sidewalk Implementation**
IVY Road Project, City Limits to Old Kluge Center

- Project: Install bike lanes and sidewalk, or equivalent facilities
- In design now
- City and UVA staff part of stakeholder group reviewing design options

County Ivy Road Design Improvements
IVY Road Project, City Limits to Old Kluge Center

- Project: Install bike lanes and sidewalk, or equivalent facilities
- In design now
- City and UVA staff part of stakeholder group reviewing design options
Recently Completed Projects...

Jarman’s Gap Road  John Warner Parkway Trail  Georgetown Road

...and Future Project Location

Barracks Road (toward City)  Barracks Road (away from City)

County Project Implementation
- Bike/Ped Safety committee
- "Safe Streets for All" efforts
- Bike Rodeos/Helmet Giveaways
- Public service announcements, paid radio advertisements
- "You Know Me, I ride a bike"
- UVa Grounds BikeSmart Map
- UVa bike/ped orientation for first-year-students
- Bicycle training courses/sale on Grounds

City/County/UVa Education