

# Carbondale Bike Corridors

JUNE 2022



- ↑ Green Earth Nature Preserve
- Downtown Carbondale →
- SUPERBLOCK Recreational Complex
- CENTRAL Connector →
- ↑ Oakland Connector

## PLANNING TEAM



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# The Importance of Bike Wayfinding and Bike Facilities



The majority of bicyclists (especially new bicyclists) fall within these two categories of “Interested but Concerned” and “Enthused and Confident”. Bike wayfinding is important not only from a functional standpoint (directing bicyclists to destinations) but also creates a welcoming environment. Currently, streets are dominated by auto-oriented signage. Bike wayfinding helps bicyclists feel more confident that streets are welcoming to bicyclists.

# Chapter 1 - Bike and Pedestrian Counts

T2 Traffic & Transportation was tasked with obtaining bike and pedestrian traffic counts at ten locations selected by the project team. The data collection was performed utilizing video collection units (VCU) with data processed by miovision. This system enabled the team to collect continuous volume data over several days with video available for manual review as well as processed into count data with more than 95% accuracy. The VCU were deployed trailside or roadside, with no interruptions or safety impacts to traffic flows.

Five VCU were deployed over two time periods September-October 2021: 9/11 – 9/19 and 9/25-10/3. Each deployment captured at least 12 hours of video per day for nine days including two full weekends. All video data was mailed (on usb drives) to the City of Carbondale and the Greater Egypt Regional Planning & Development Commission in October 2021.

As presented in Table 1, bicycle and pedestrian data was collected at various locations throughout Carbondale including intersections, trail crossings, sidewalks, and unmarked mid-block crossings. At locations near SIU, care was taken to include multiple weekdays and weekends with a scheduled Salukis football home game.

Summary data sheets for each location are attached to this memorandum in the order listed in Table 1. Please note these sheets are formatted to present a wealth of data, several rows are highlighted to help discern the pedestrian- and bicycle-specific information and it may be helpful to refer to the Table to confirm the processed movements at each location. Due to the variety of location type vs. desired information, the counts were processed in one of two ways: “TMC” or “Ped & Bike Pathway”, which is printed after the location name at the top of each summary sheet. For the “Ped & Bike Pathway” locations, the data reported will be pedestrians and bicycles combined for a pathway (a sidewalk or midblock crossing). For the “TMC” locations, bikes in the street are reported separately from those in the crosswalk or trail crossing.

Below: Installing a video collection unit (VCU) on September 9, 2021 at the intersection of Wall Street and Larch Street.



**Table 1: Data Collection Summary, Bicycle and Pedestrian Volumes**

| Location                           | “Pedestrian & Bike Pathway” Movements  | Days                    | Hours         | Total Bikes |
|------------------------------------|--|-------------------------|---------------|-------------|
| <b>Wall at Fisher</b>              | Wall St. both E and W sidewalks + bikes at curb in street  | Wednesday 9/15          | 7 am – 7 pm   | 0           |
|                                    |  | Saturday 9/11           | 7 am – 7 pm   | 12          |
|                                    |  | Sunday 9/12             | 7 am – 7 pm   | 2           |
| <b>Wall at Larch</b>               | Wall St. both E and W sidewalks + bikes at curb in street  | Wednesday 9/15          | 7 am – 7 pm   | 7           |
|                                    |  | Saturday 9/11           | 7 am – 7 pm   | 7           |
|                                    |  | Sunday 9/12             | 7 am – 7 pm   | 2           |
| <b>Murdale at Emerald</b>          | Pedestrian crossings of roadway between parking lots to east and west of Emerald Ln.                                       | Wednesday 9/29          |               | 1           |
|                                    |  | Friday 10/1             | 7 am – 7 pm   | 1           |
|                                    |  | Saturdays 9/25 & 10/2   | 7 am – 7 pm   | 2, 0        |
|                                    |  | Sunday 9/26             | 7 am – 7 pm   | 1           |
| <b>Murdale at Glenview</b>         | Pedestrian crossings of Glenview Dr. including and south of trail crossing   | Wednesday 9/29          | 7 am – 7 pm   | 29          |
|                                    |  | Saturday 9/25           | 7 am – 7 pm   | 21          |
|                                    |  | Sunday 9/26             | 7 am – 7 pm   | 25          |
| <b>Chautauqua at McLafferty</b>    | Chautauqua St. west of roundabout, both E and W sidewalks + bikes at curb in street  | Wednesday 9/29          | 7 am – 7 pm   | 37          |
|                                    |  | Saturday 9/25           | 7 am – 7 pm   | 20          |
|                                    |  | Sunday 9/26             | 7 am – 7 pm   | 28          |
| <b>Location</b>                    | <b>“TMC” Movements</b>   | <b>Days</b>             | <b>Hours</b>  |             |
| <b>Grand at Lewis</b>              | All 4 crosswalks + bikes in street   | Tuesday 9/14            |               | 34          |
|                                    |  | Wednesday 9/15          | 7 am – 7 pm   | 34          |
|                                    |  | Saturdays 9/11 & 9/18*  | 7 am – 7 pm   | 40, 30      |
|                                    |  | Sunday 9/12             | 7 am – 7 pm   | 27          |
| <b>Giant City at Walnut</b>        | All 4 crosswalks + bikes in street   | Wednesday 9/15          | 7 am – 7 pm   | 3           |
|                                    |  | Saturday 9/11           | 7 am – 7 pm   | 10          |
|                                    |  | Sunday 9/12             | 7 am – 7 pm   | 18          |
| <b>Giant City at Frontage Road</b> | All 4 crosswalks + bikes in street   | Wednesday 9/15          | 7 am – 7:30pm | 17          |
|                                    |  | Saturday 9/11           | 7 am – 7:30pm | 33          |
|                                    |  | Sunday 9/12             | 7 am – 7:30pm | 30          |
| <b>Mill at Washington</b>          | Crosswalk on S & W (trail crossing) legs. Bikes in roadway (3-legs).   | Tuesday 9/28            |               | 30          |
|                                    |  | Wednesday 9/29          | 7 am – 7:30pm | 33          |
|                                    |  | Saturday 9/25**         | 7 am – 7:30pm | 15          |
|                                    |  | Sunday 9/26             | 7 am – 7:30pm | 17          |
| <b>Mill at Poplar</b>              | All 3 crosswalks + trail crossing on S side + bikes in street. (NOTE: vehicle counts were also processed for 9/25, 26, 29) | Tuesday 9/28            |               | 77          |
|                                    |  | Wednesday 9/29          | 7 am – 7 pm   | 98          |
|                                    |  | Saturdays 9/25** & 10/2 | 7 am – 7 pm   | 36, 13      |
|                                    |  | Sunday 9/26             | 7 am – 7 pm   | 37          |

\* SIU Football Game Saturday 9/18 6:00 – 9:08 pm

\*\* SIU Football Game Saturday 9/25 2:00 – 5:09 pm

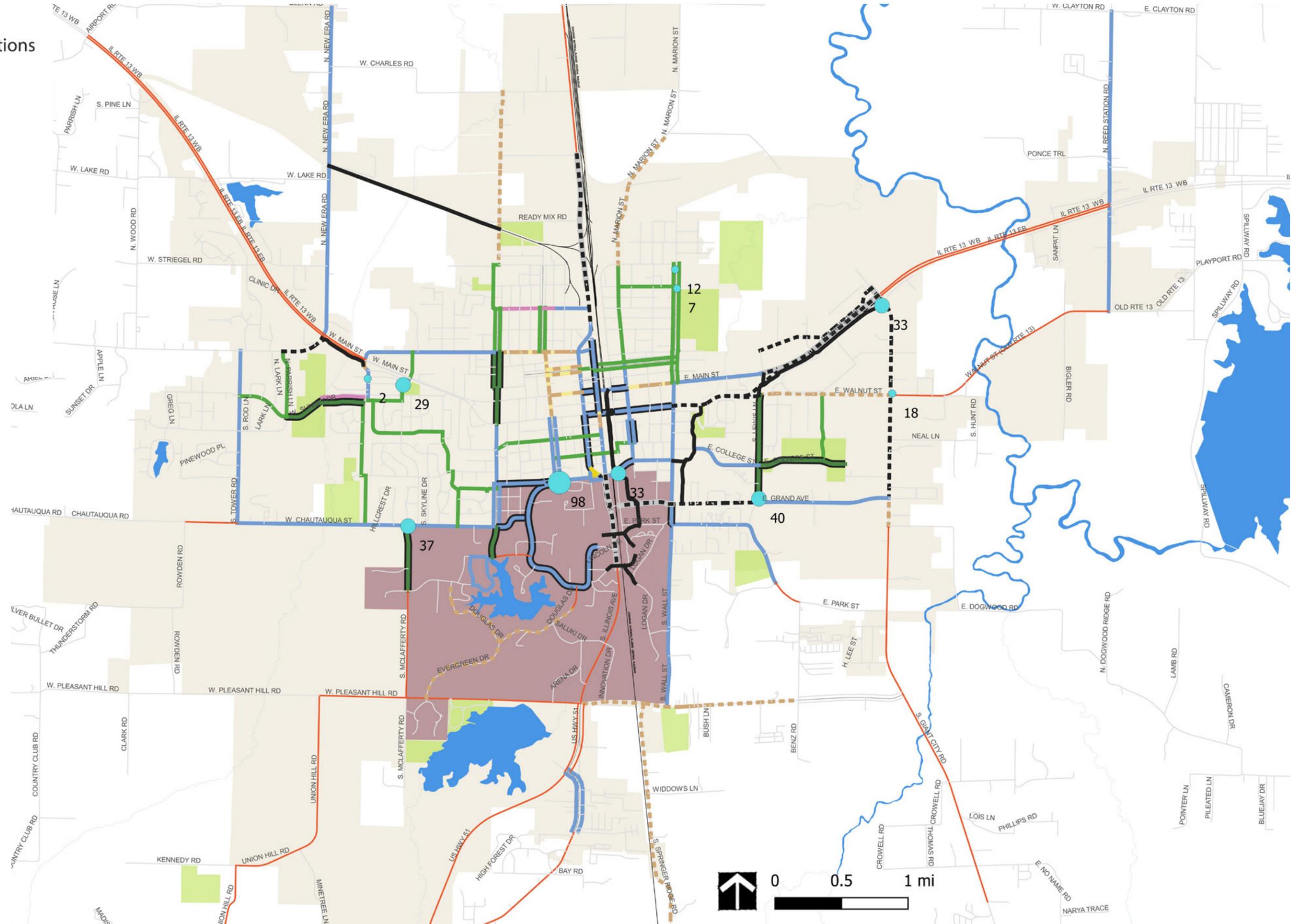
# 2021 Bike Counts

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

## 2021 Bike Counts

-  Less than 25
-  26-50
-  51-100
-  101-150
-  151-200
-  Greater than 200



# 2019 Bike Counts

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

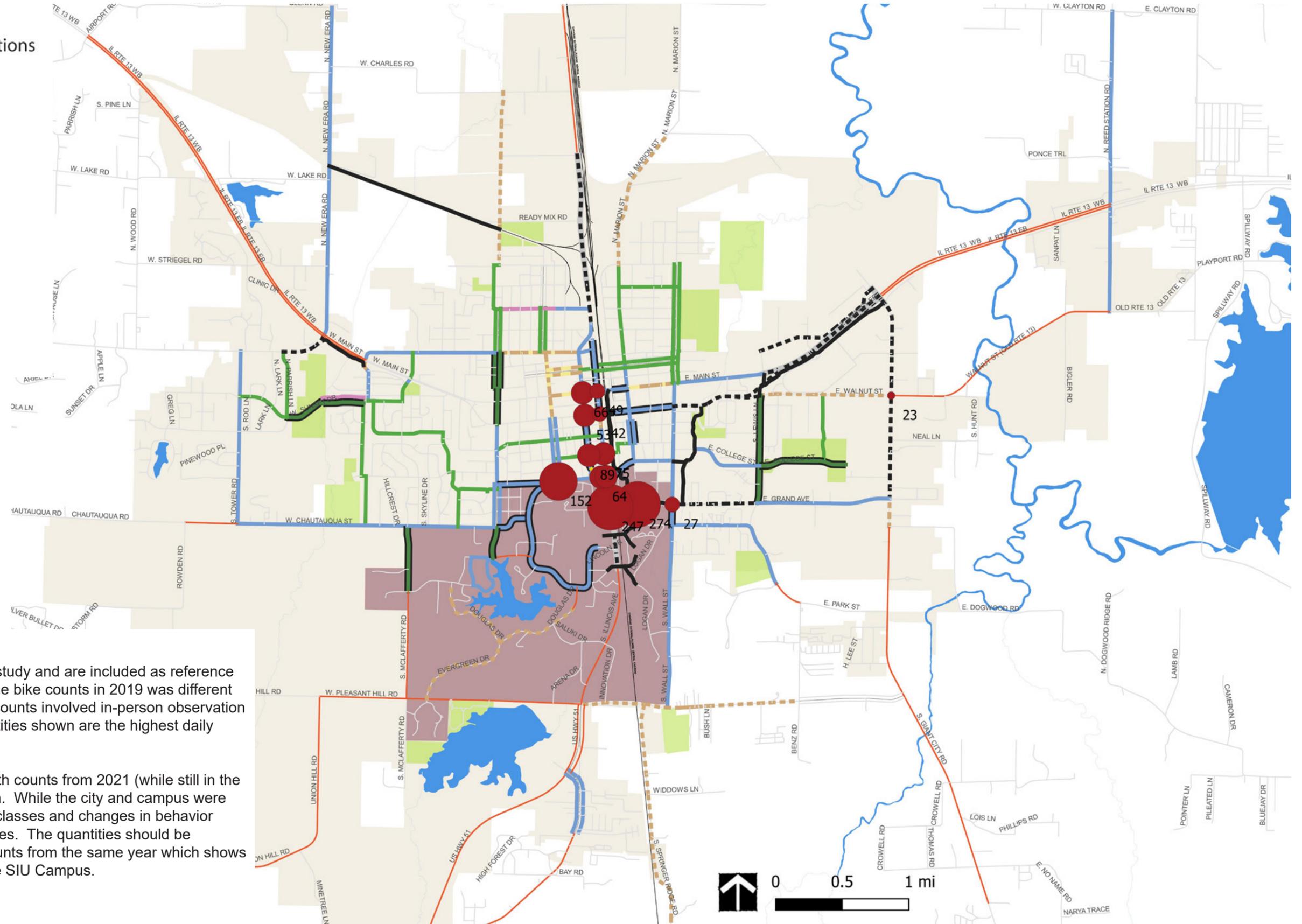
## 2019 Bike Counts

-  Less than 25
-  26-50
-  51-100
-  101-150
-  151-200
-  Greater than 200

## Notes:

2019 bike counts were not part of this study and are included as reference only. The methodology for collecting the bike counts in 2019 was different than the 2021 counts. The 2019 bike counts involved in-person observation over the course of two days. The quantities shown are the highest daily count based on the days observed.

Comparing pre-pandemic quantities with counts from 2021 (while still in the pandemic) should be done with caution. While the city and campus were active during the 2021 counts, on-line classes and changes in behavior likely account for differences in quantities. The quantities should be analyzed in the context of the other counts from the same year which shows that bike counts increased closer to the SIU Campus.

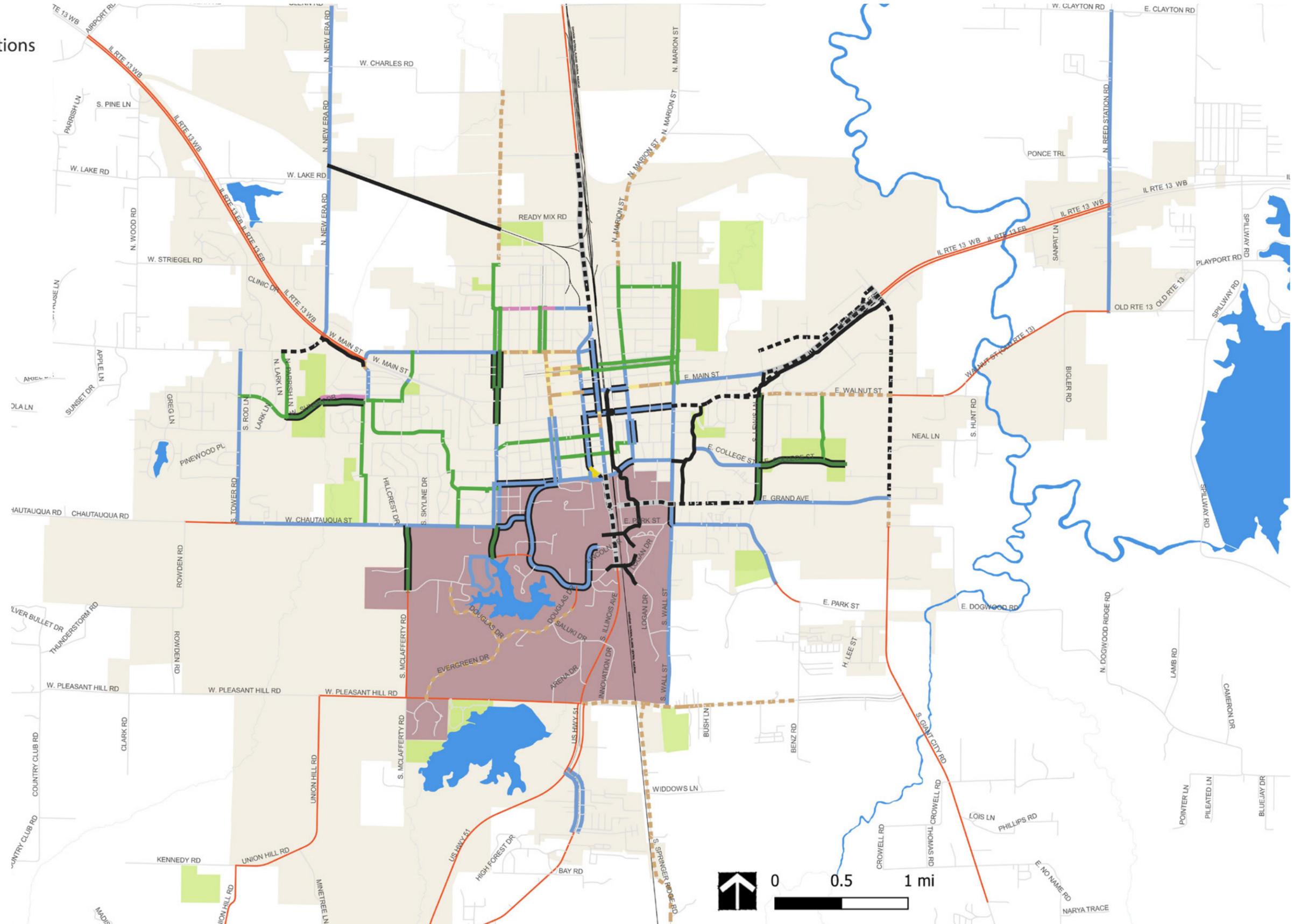


# Chapter 2 - Evaluate and Select Corridors

# 2016 Bike Master Plan Recommendations

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail



# Implementation Evaluation: 2016 Bike Master Plan

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

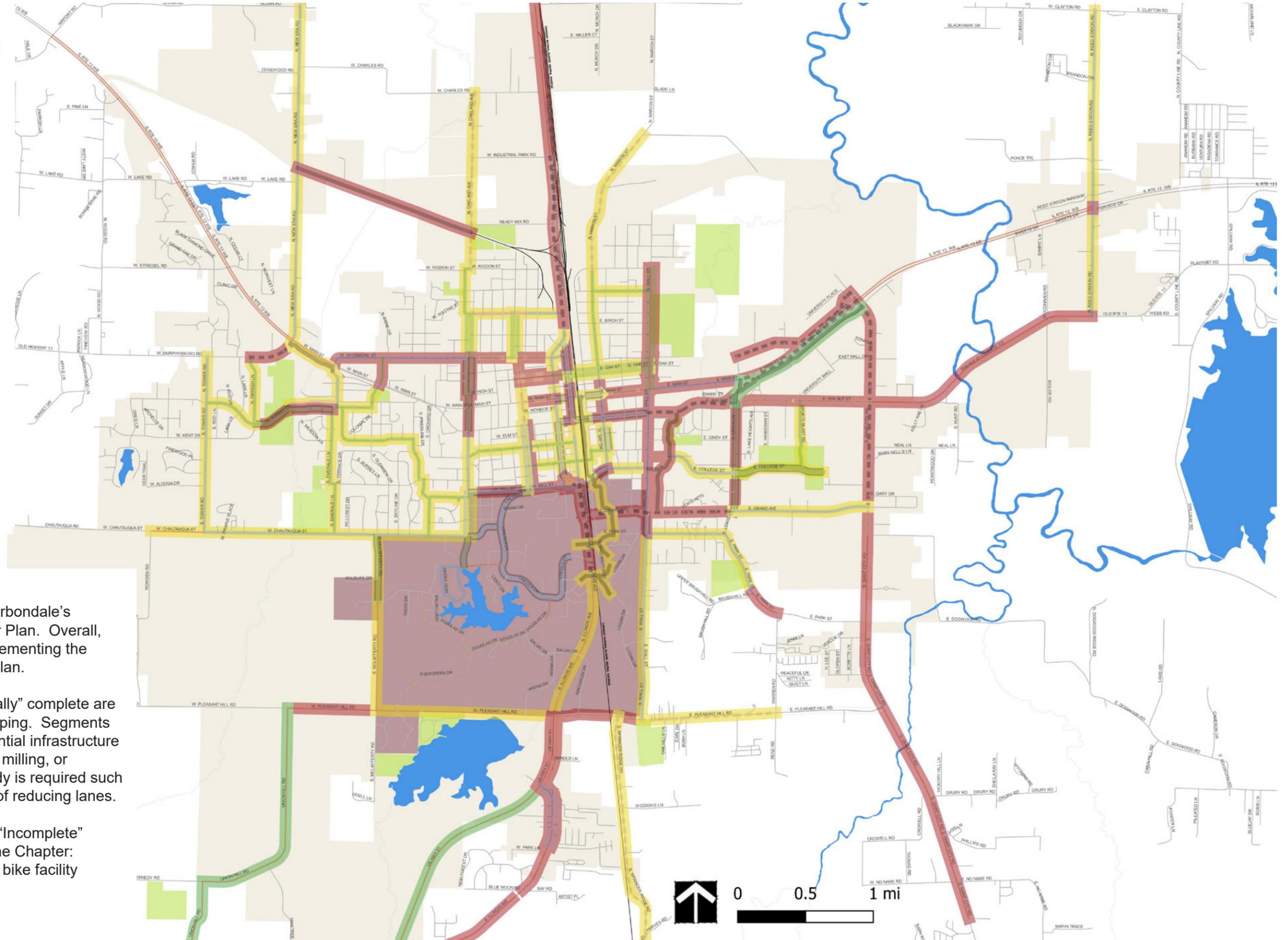
-  Complete
-  Substantial
-  Incomplete

### Notes:

The planning team evaluated progress of Carbondale's bike facilities based on the 2016 Bike Master Plan. Overall, the City has made excellent progress in implementing the recommendations of the 2016 Bike Master Plan.

Typically, segments evaluated as "Substantially" complete are just missing signs and in some instances striping. Segments labeled as "Incomplete" require more substantial infrastructure improvements such as curb widening, gutter milling, or sidepaths. In many locations, additional study is required such as a traffic study to determine the feasibility of reducing lanes.

Detailed descriptions for "Substantially" and "Incomplete" for each of the bike corridors is included in the Chapter: Bike Corridors. Where appropriate, updated bike facility recommendations have been provided.



# Bike Wayfinding Corridors

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

## Bike Wayfinding Corridors

### Crab Orchard Greenway

- Destinations**  
 City of Carbondale  
 City of Marion  
 Crab Orchard Lake  
 John A. Logan College

### Piles Fork Greenway

- Destinations**  
 SIU  
 Mall  
 Marberry Arboretum

### Downtown - Campus Connector

- Destinations**  
 Downtown  
 SIU  
 Old 51 South

### Central Connector

- Destinations**  
 Parrish Park  
 SIU  
 Downtown  
 Super Block

### Sycamore - Oak Connector

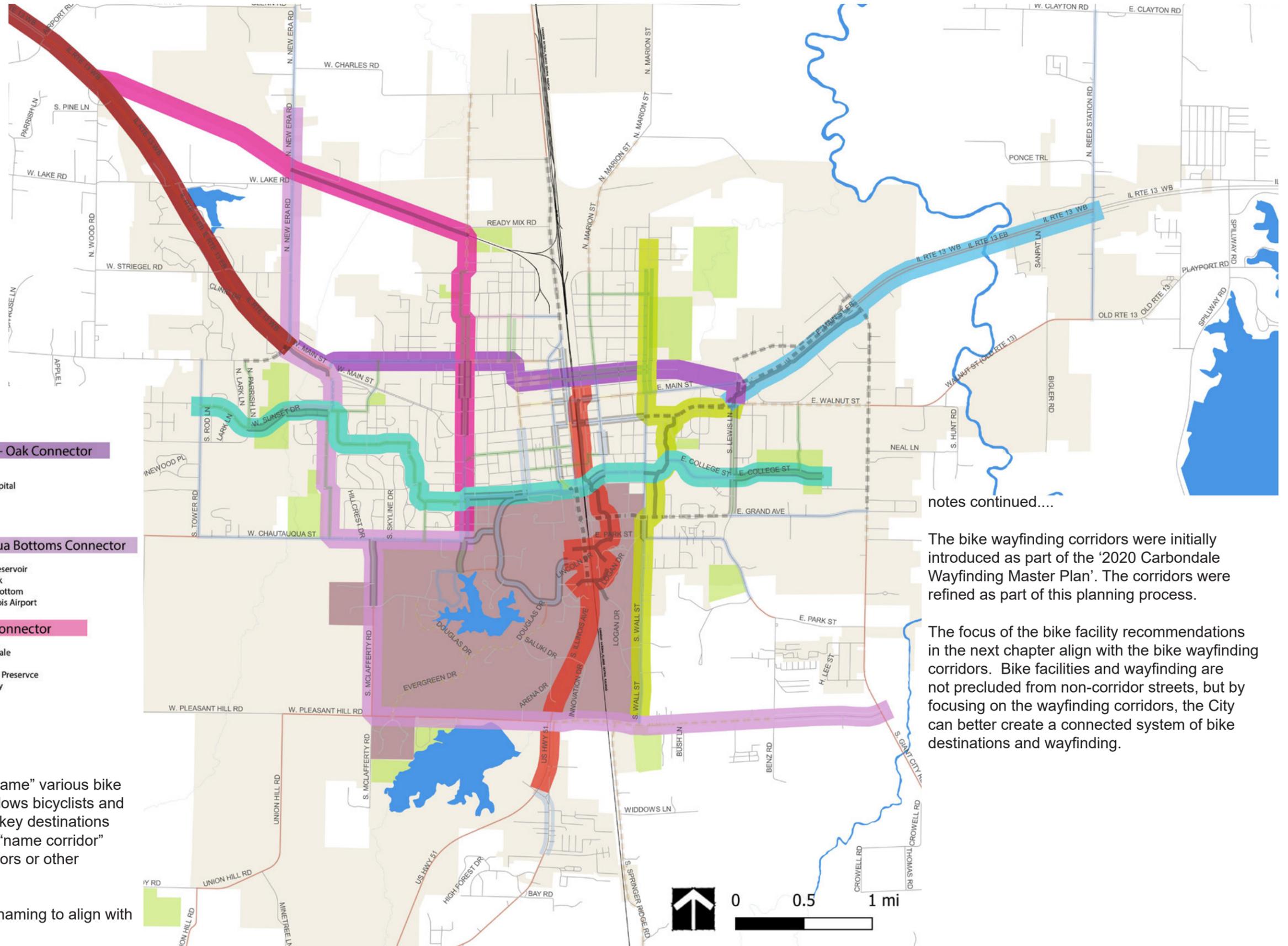
- Destinations**  
 Parrish Park  
 Memorial Hospital  
 Downtown  
 Attucks Park  
 Mall

### Chautauqua Bottoms Connector

- Destinations**  
 Carbondale Reservoir  
 Evergreen Park  
 Chautauqua Bottom  
 Southern Illinois Airport

### Oakland Connector

- Destinations**  
 City of Carbondale  
 Downtown  
 Oakland Nature Preserve  
 Saluki Greenway



notes continued....

The bike wayfinding corridors were initially introduced as part of the '2020 Carbondale Wayfinding Master Plan'. The corridors were refined as part of this planning process.

The focus of the bike facility recommendations in the next chapter align with the bike wayfinding corridors. Bike facilities and wayfinding are not precluded from non-corridor streets, but by focusing on the wayfinding corridors, the City can better create a connected system of bike destinations and wayfinding.

### Notes:

The framework for bicycle wayfinding is to "name" various bike / pedestrian corridors within the City. This allows bicyclists and pedestrians to better understand routes and key destinations along those routes. Streets or trails not in a "name corridor" could have wayfinding to lead to those corridors or other destinations.

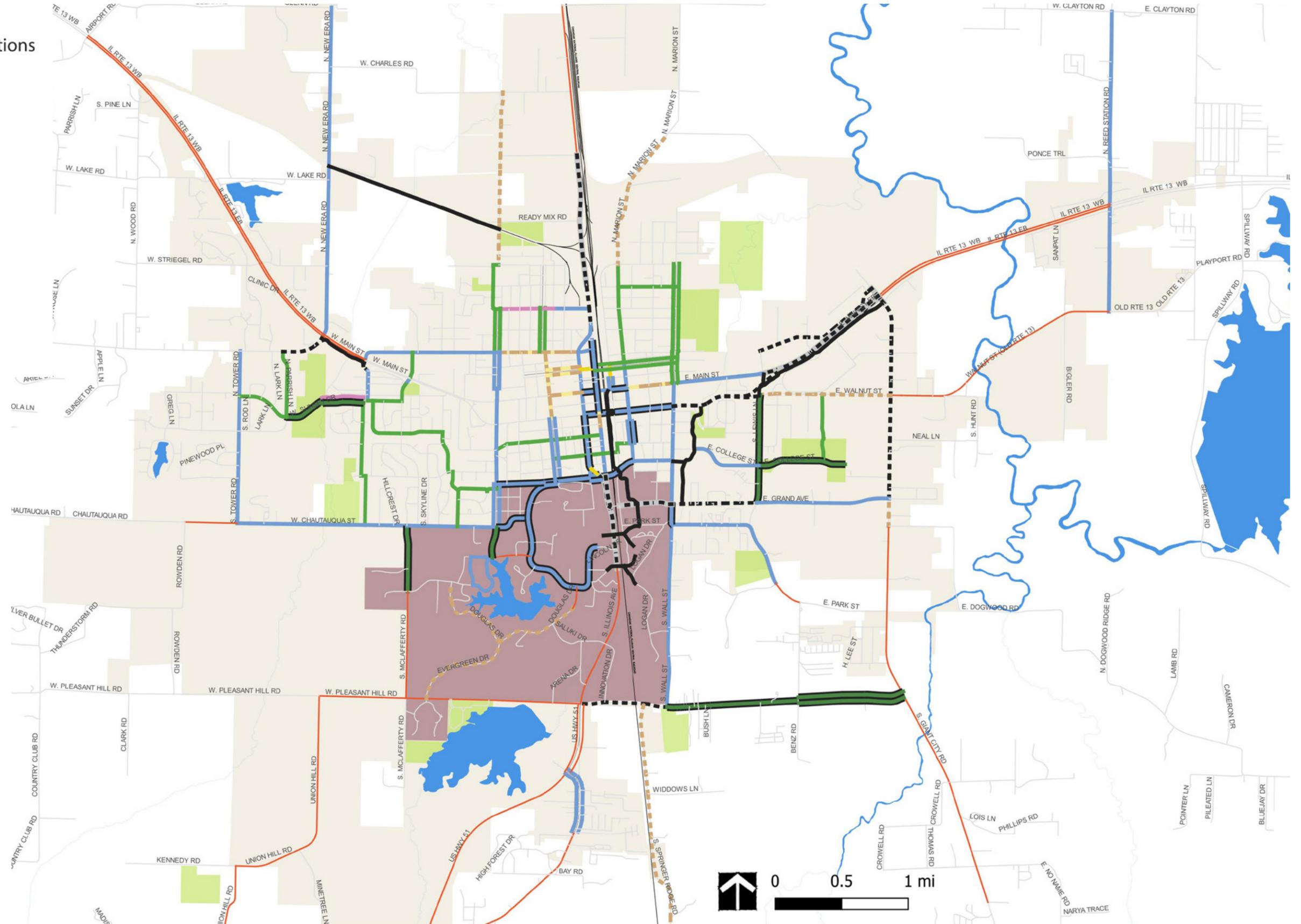
This example strives to use "nature" related naming to align with Carbondale's connection to the outdoors.

# Chapter 3: Bike Corridor Plans

# 2021 Updated Bike Master Plan Recommendations

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail



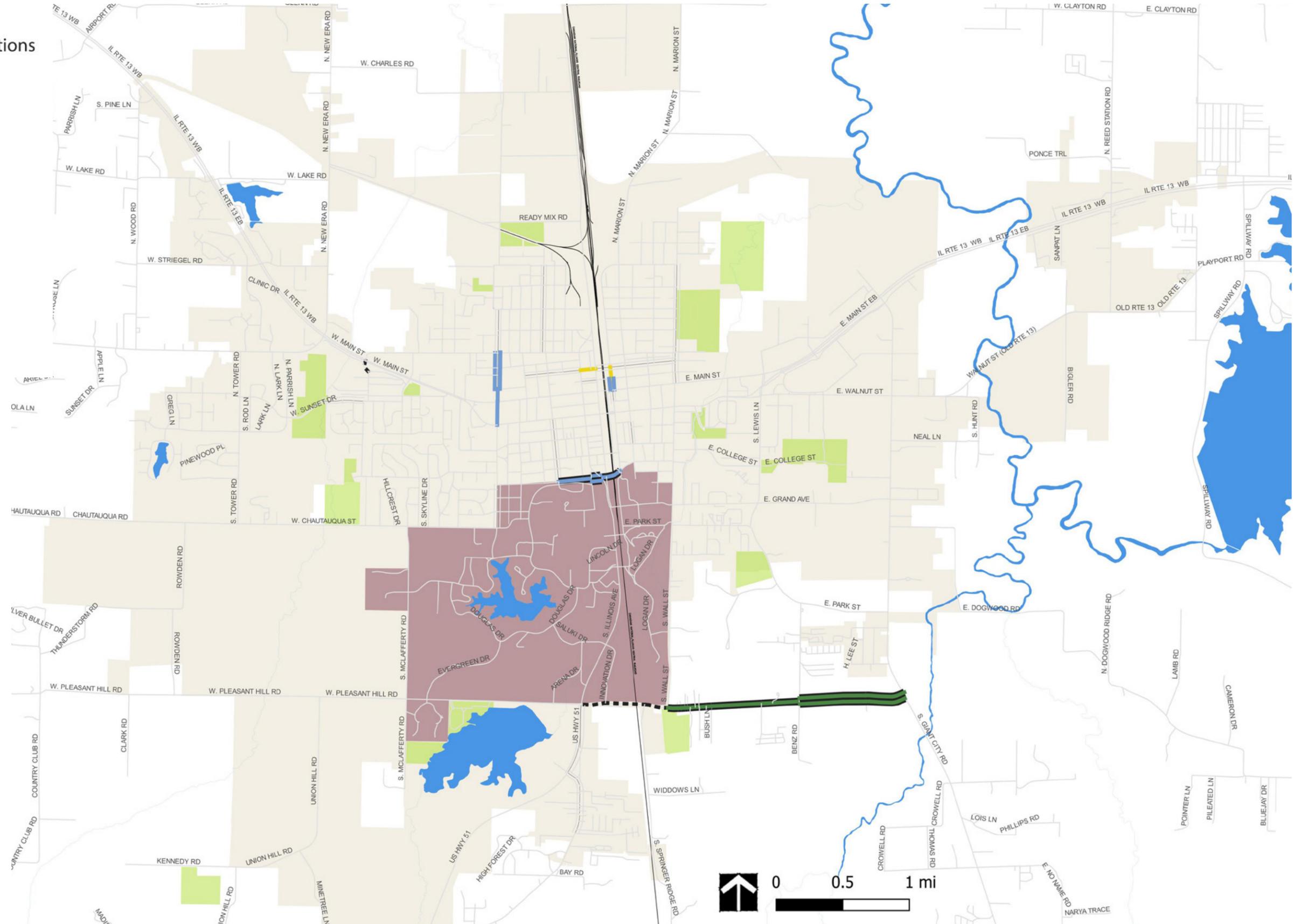
# 2021 Updated Bike Master Plan Recommendations: Changes from 2016 (Corridors)

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

The map on this page shows changes in recommendations from the 2016 Master Plan based on the proposed wayfinding corridors. See following detailed corridor maps for detailed discussion of recommendations.

Many of the locations include multiple options. Factors such as on-street parking or limited curb-to-curb distances requires the evaluation of the strengths and weaknesses of various bike accommodations.



# Piles Fork Greenway: Sheet 1



## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

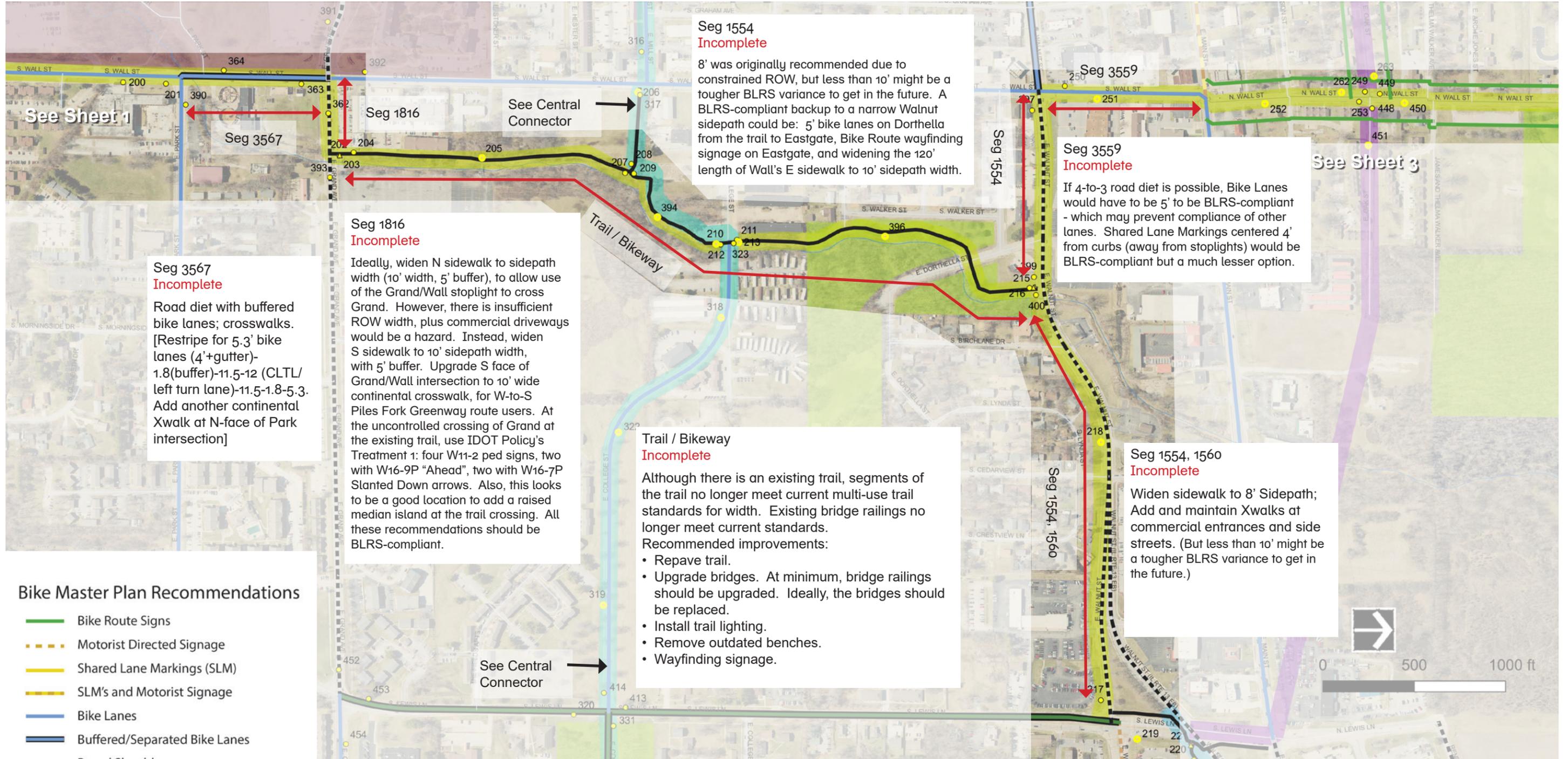
## Evaluation of 2016 Bike Master Plan

- Complete
- Substantial
- Incomplete

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

# Piles Fork Greenway: Sheet 2



See Sheet 1

See Sheet 3

**Seg 3567**  
**Incomplete**

Road diet with buffered bike lanes; crosswalks. [Restripe for 5.3' bike lanes (4'+gutter)-1.8(buffer)-11.5-12 (CLTL/ left turn lane)-11.5-1.8-5.3. Add another continental Xwalk at N-face of Park intersection]

**Seg 1816**  
**Incomplete**

Ideally, widen N sidewalk to sidepath width (10' width, 5' buffer), to allow use of the Grand/Wall stoplight to cross Grand. However, there is insufficient ROW width, plus commercial driveways would be a hazard. Instead, widen S sidewalk to 10' sidepath width, with 5' buffer. Upgrade S face of Grand/Wall intersection to 10' wide continental crosswalk, for W-to-S Piles Fork Greenway route users. At the uncontrolled crossing of Grand at the existing trail, use IDOT Policy's Treatment 1: four W11-2 ped signs, two with W16-9P "Ahead", two with W16-7P Slanted Down arrows. Also, this looks to be a good location to add a raised median island at the trail crossing. All these recommendations should be BLRS-compliant.

**Seg 1554**  
**Incomplete**

8' was originally recommended due to constrained ROW, but less than 10' might be a tougher BLRS variance to get in the future. A BLRS-compliant backup to a narrow Walnut sidepath could be: 5' bike lanes on Dorthella from the trail to Eastgate, Bike Route wayfinding signage on Eastgate, and widening the 120' length of Wall's E sidewalk to 10' sidepath width.

**Seg 3559**  
**Incomplete**

If 4-to-3 road diet is possible, Bike Lanes would have to be 5' to be BLRS-compliant - which may prevent compliance of other lanes. Shared Lane Markings centered 4' from curbs (away from stoplights) would be BLRS-compliant but a much lesser option.

**Trail / Bikeway**  
**Incomplete**

Although there is an existing trail, segments of the trail no longer meet current multi-use trail standards for width. Existing bridge railings no longer meet current standards. Recommended improvements:

- Repave trail.
- Upgrade bridges. At minimum, bridge railings should be upgraded. Ideally, the bridges should be replaced.
- Install trail lighting.
- Remove outdated benches.
- Wayfinding signage.

**Seg 1554, 1560**  
**Incomplete**

Widen sidewalk to 8' Sidepath; Add and maintain Xwalks at commercial entrances and side streets. (But less than 10' might be a tougher BLRS variance to get in the future.)

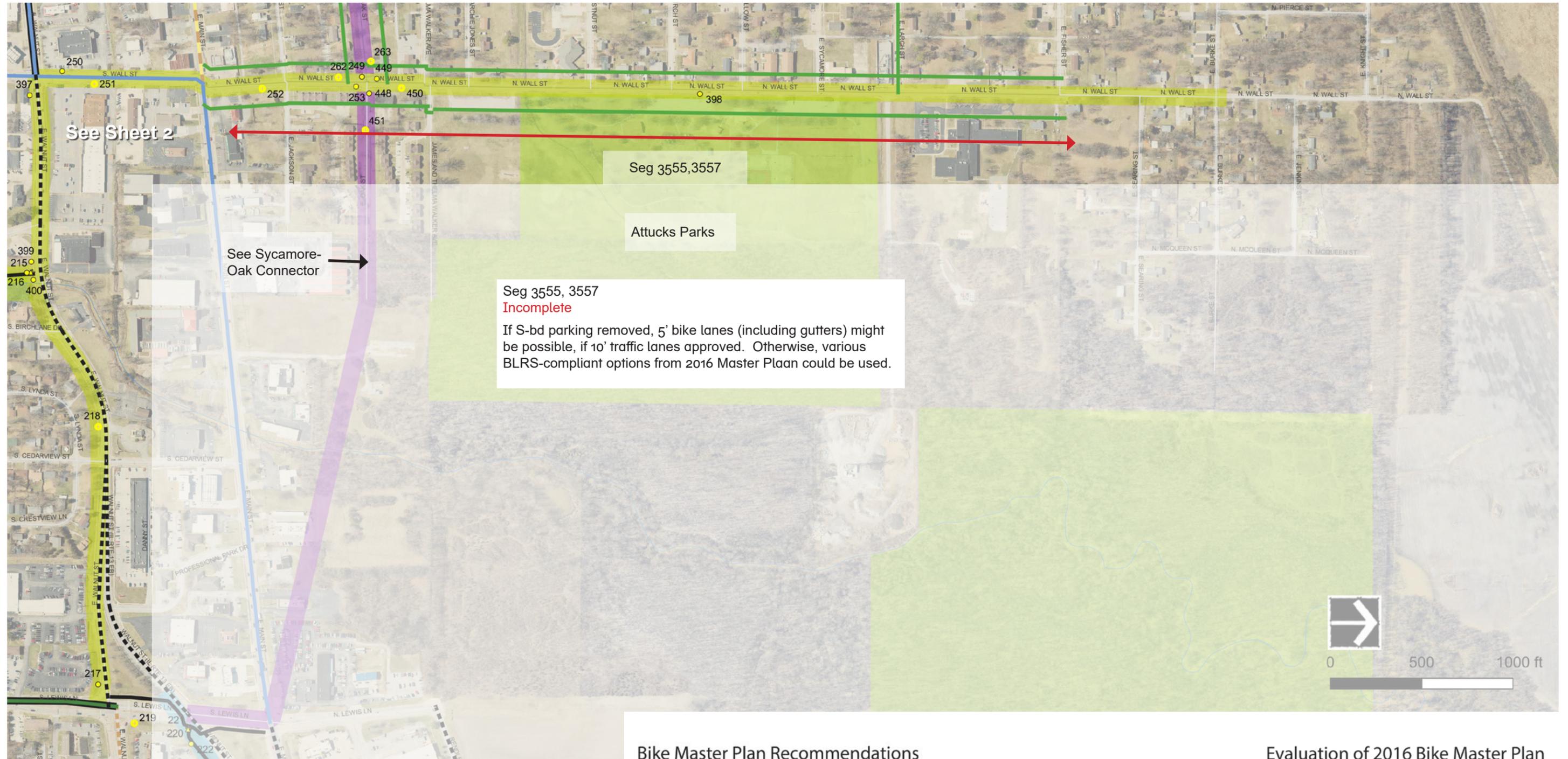
## Bike Master Plan Recommendations

- Bike Route Signs
- - - Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- - - Widen Sidewalk to Sidepath
- - - Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- ↔ Complete
- ↔ Substantial
- ↔ Incomplete

# Piles Fork Greenway: Sheet 3



Seg 3555, 3557

Attucks Parks

See Sycamore-Oak Connector

Seg 3555, 3557  
**Incomplete**  
 If S-bd parking removed, 5' bike lanes (including gutters) might be possible, if 10' traffic lanes approved. Otherwise, various BLRS-compliant options from 2016 Master Plan could be used.

## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes

- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- Complete
- Substantial
- Incomplete

# Central Connector: Sheet 1

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

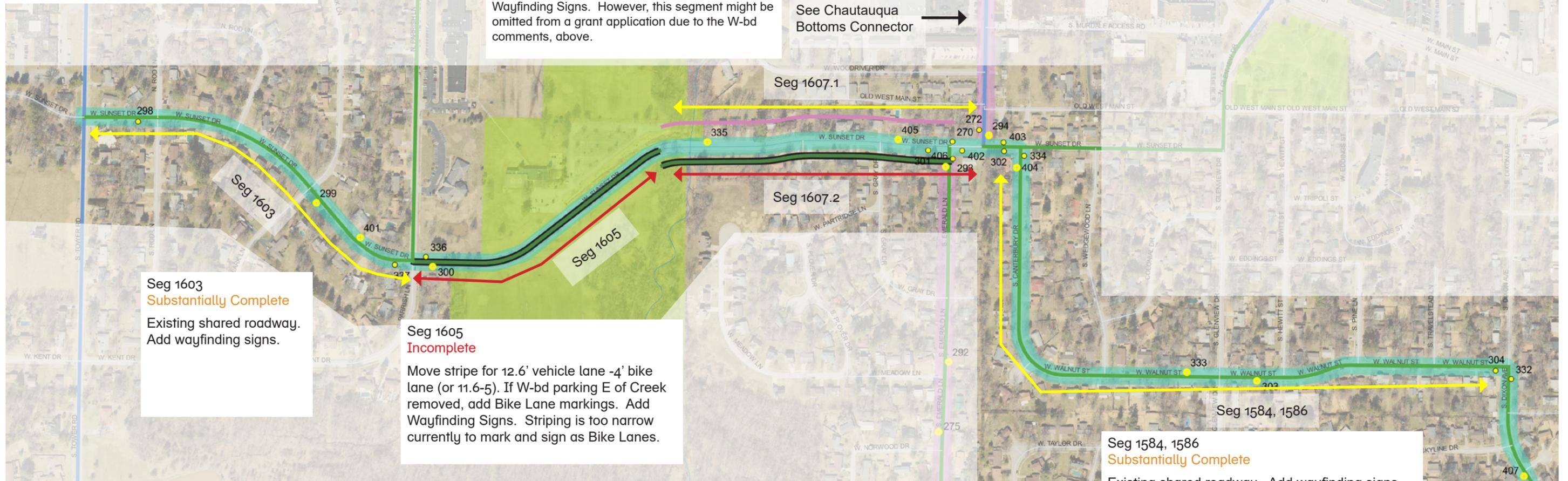
**Seg 1607.1 (Westbound)**  
**Substantially Complete**

Combined bike/parking lane has been implemented. No change to recommendation for upgrading to wayfinding signage. However, BLRS does not recognize the Combined bike/parking lane (aka urban shoulder) treatment - elsewhere, 11' Shared Lane Markings have been required as a supplement. This is not advised.

**1607.2 (Eastbound)**  
**Incomplete**

Move stripe for 11' vehicle lane - 4' bike lane. Wayfinding Signs. However, this segment might be omitted from a grant application due to the W-bd comments, above.

See Chautauqua Bottoms Connector →



**Seg 1603**  
**Substantially Complete**

Existing shared roadway. Add wayfinding signs.

**Seg 1605**  
**Incomplete**

Move stripe for 12.6' vehicle lane -4' bike lane (or 11.6-5). If W-bd parking E of Creek removed, add Bike Lane markings. Add Wayfinding Signs. Striping is too narrow currently to mark and sign as Bike Lanes.

**Seg 1584, 1586**  
**Substantially Complete**

Existing shared roadway. Add wayfinding signs.

## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes

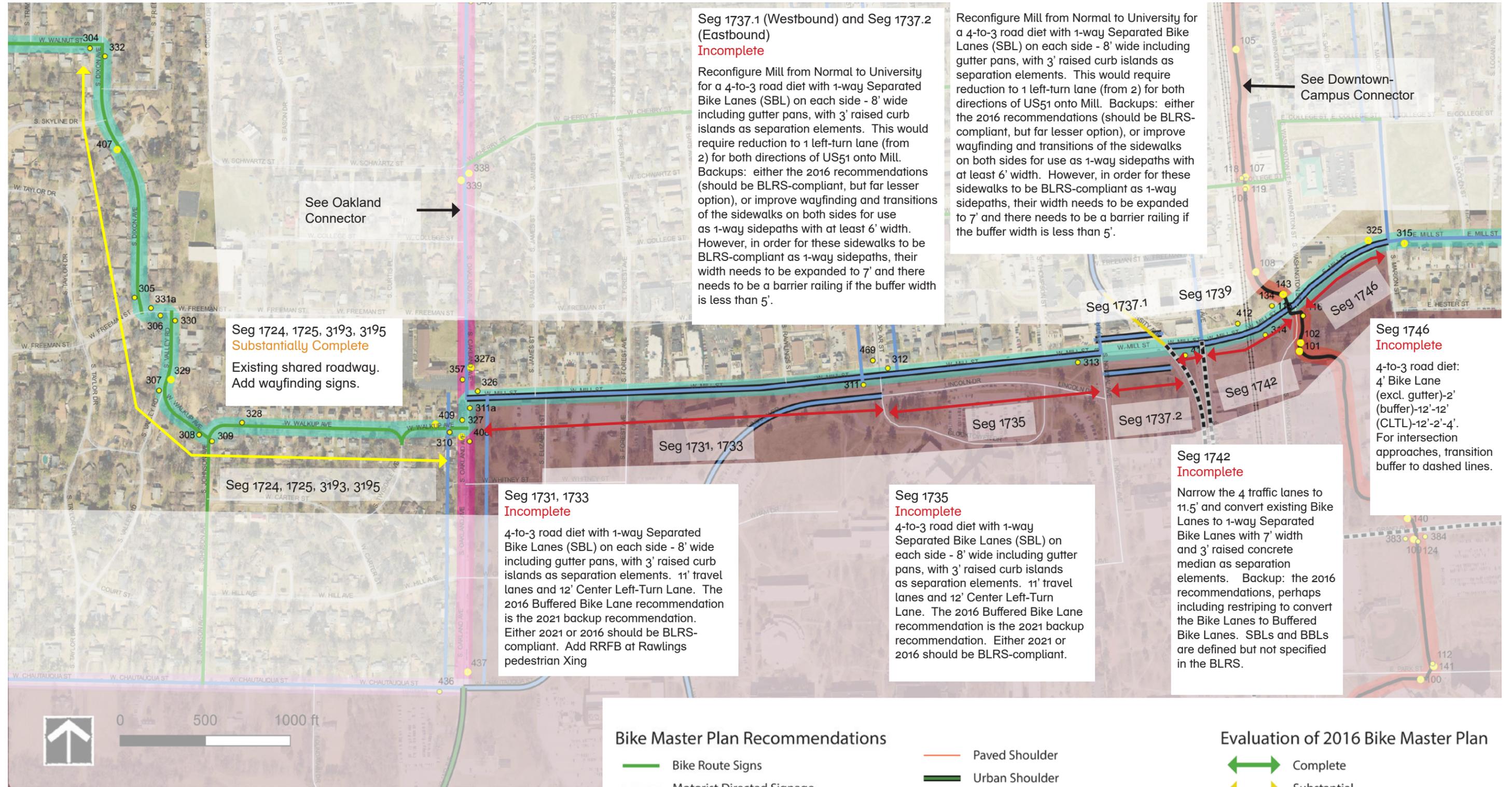
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- Complete
- Substantial
- Incomplete



# Central Connector: Sheet 2



**Seg 1737.1 (Westbound) and Seg 1737.2 (Eastbound)**  
**Incomplete**  
 Reconfigure Mill from Normal to University for a 4-to-3 road diet with 1-way Separated Bike Lanes (SBL) on each side - 8' wide including gutter pans, with 3' raised curb islands as separation elements. This would require reduction to 1 left-turn lane (from 2) for both directions of US51 onto Mill. Backups: either the 2016 recommendations (should be BLRS-compliant, but far lesser option), or improve wayfinding and transitions of the sidewalks on both sides for use as 1-way sidepaths with at least 6' width. However, in order for these sidewalks to be BLRS-compliant as 1-way sidepaths, their width needs to be expanded to 7' and there needs to be a barrier railing if the buffer width is less than 5'.

**Seg 1739**  
**Incomplete**  
 Reconfigure Mill from Normal to University for a 4-to-3 road diet with 1-way Separated Bike Lanes (SBL) on each side - 8' wide including gutter pans, with 3' raised curb islands as separation elements. This would require reduction to 1 left-turn lane (from 2) for both directions of US51 onto Mill. Backups: either the 2016 recommendations (should be BLRS-compliant, but far lesser option), or improve wayfinding and transitions of the sidewalks on both sides for use as 1-way sidepaths with at least 6' width. However, in order for these sidewalks to be BLRS-compliant as 1-way sidepaths, their width needs to be expanded to 7' and there needs to be a barrier railing if the buffer width is less than 5'.

**Seg 1724, 1725, 3193, 3195**  
**Substantially Complete**  
 Existing shared roadway. Add wayfinding signs.

**Seg 1731, 1733**  
**Incomplete**  
 4-to-3 road diet with 1-way Separated Bike Lanes (SBL) on each side - 8' wide including gutter pans, with 3' raised curb islands as separation elements. 11' travel lanes and 12' Center Left-Turn Lane. The 2016 Buffered Bike Lane recommendation is the 2021 backup recommendation. Either 2021 or 2016 should be BLRS-compliant. Add RRFB at Rawlings pedestrian Xing

**Seg 1735**  
**Incomplete**  
 4-to-3 road diet with 1-way Separated Bike Lanes (SBL) on each side - 8' wide including gutter pans, with 3' raised curb islands as separation elements. 11' travel lanes and 12' Center Left-Turn Lane. The 2016 Buffered Bike Lane recommendation is the 2021 backup recommendation. Either 2021 or 2016 should be BLRS-compliant.

**Seg 1742**  
**Incomplete**  
 Narrow the 4 traffic lanes to 11.5' and convert existing Bike Lanes to 1-way Separated Bike Lanes with 7' width and 3' raised concrete median as separation elements. Backup: the 2016 recommendations, perhaps including restriping to convert the Bike Lanes to Buffered Bike Lanes. SBLs and BBLs are defined but not specified in the BLRS.

**Seg 1746**  
**Incomplete**  
 4-to-3 road diet: 4' Bike Lane (excl. gutter)-2' (buffer)-12'-12' (CLTL)-12'-2'-4'. For intersection approaches, transition buffer to dashed lines.

## Bike Master Plan Recommendations

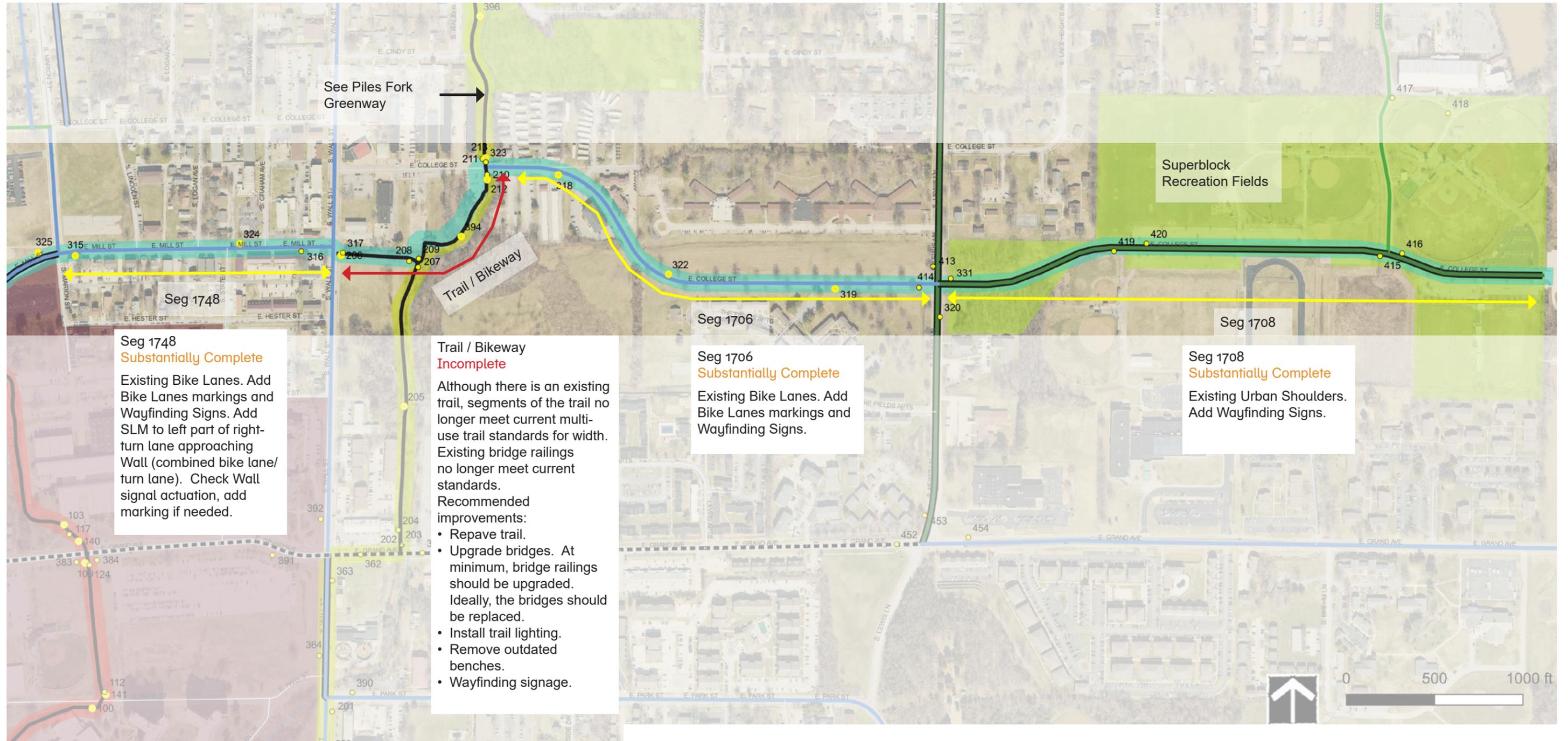
- Bike Route Signs
- - - Motorist Directed Signage
- Shared Lane Markings (SLM)
- - - SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes

- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- - - Widen Sidewalk to Sidepath
- - - Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- ↔ Complete
- ↔ Substantial
- ↔ Incomplete

# Central Connector: Sheet 3



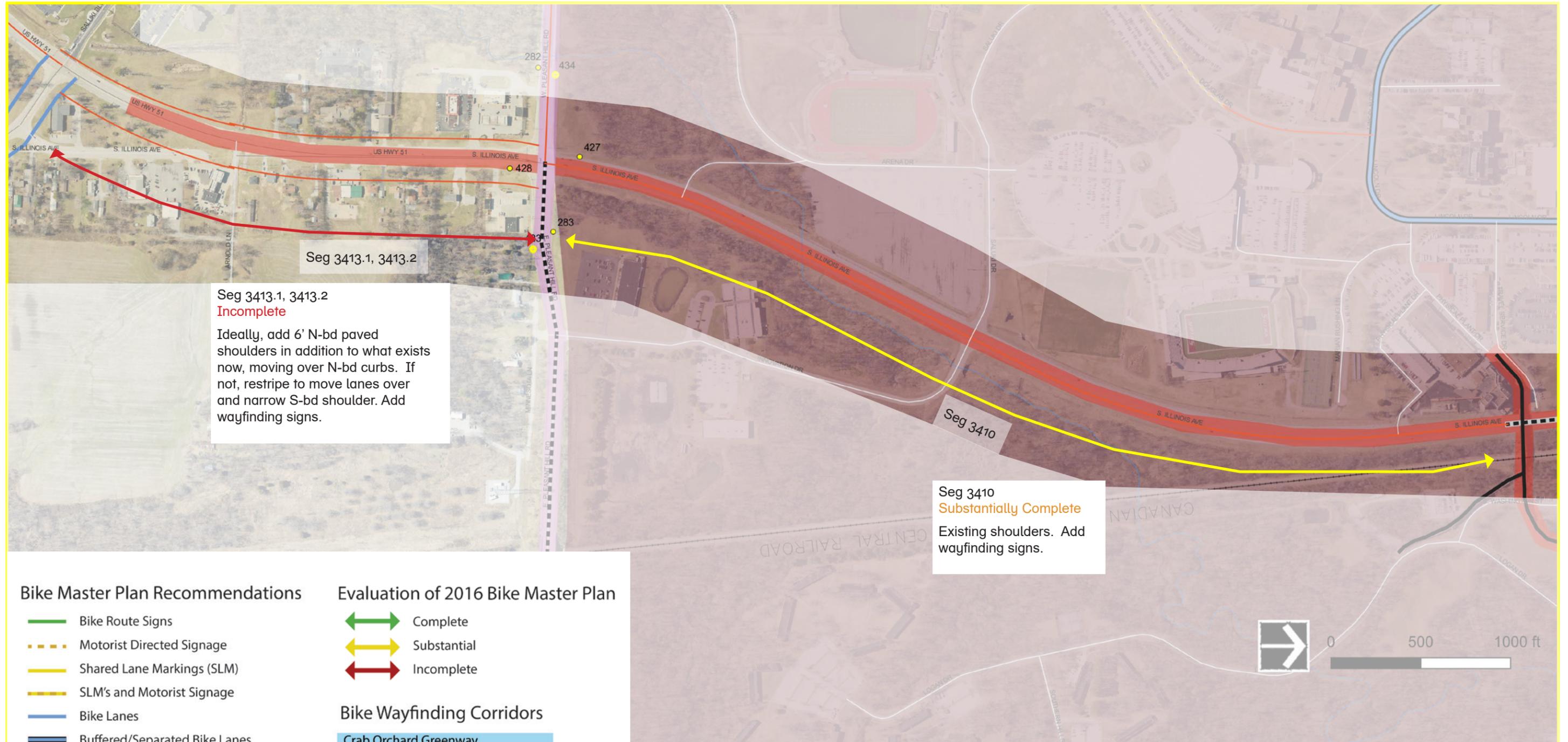
## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
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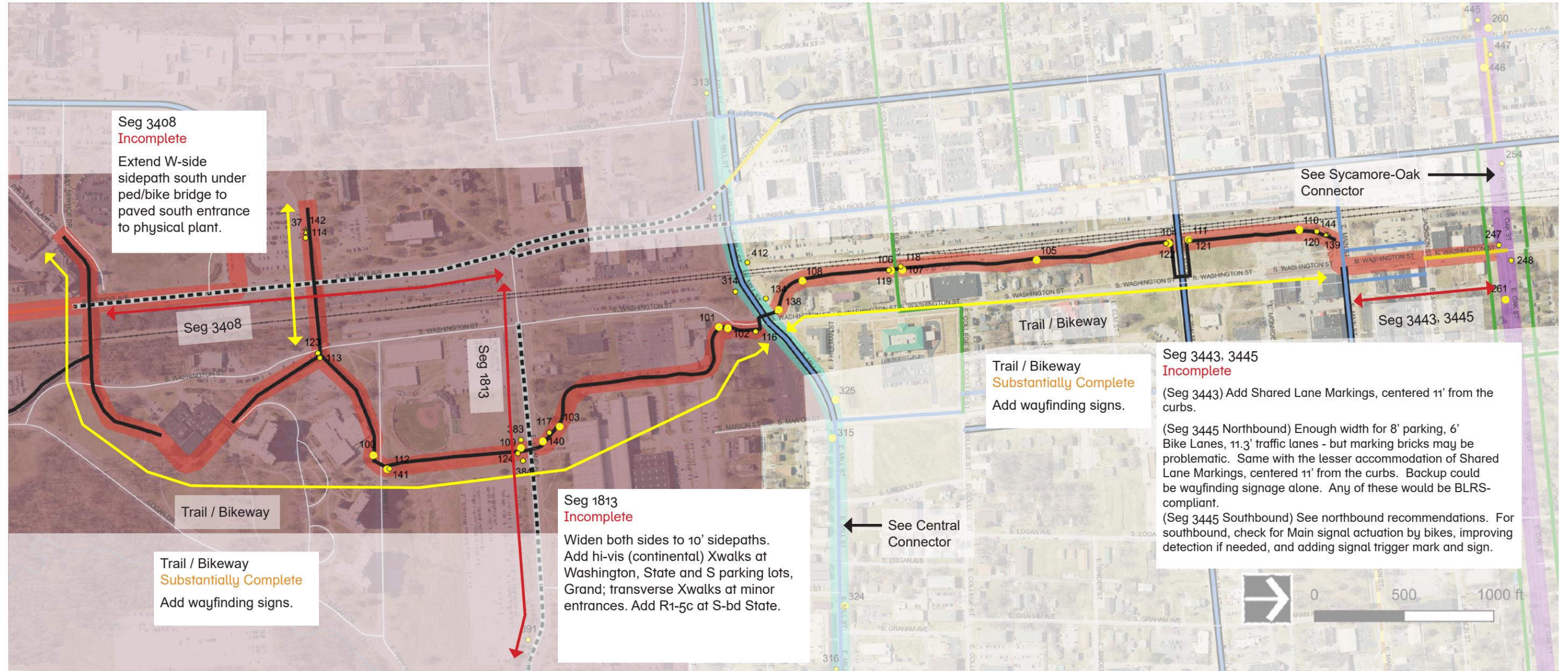
## Evaluation of 2016 Bike Master Plan

- Complete
- Substantial
- Incomplete

# Downtown-Campus Connector: Sheet 1



# Downtown-Campus Connector: Sheet 2



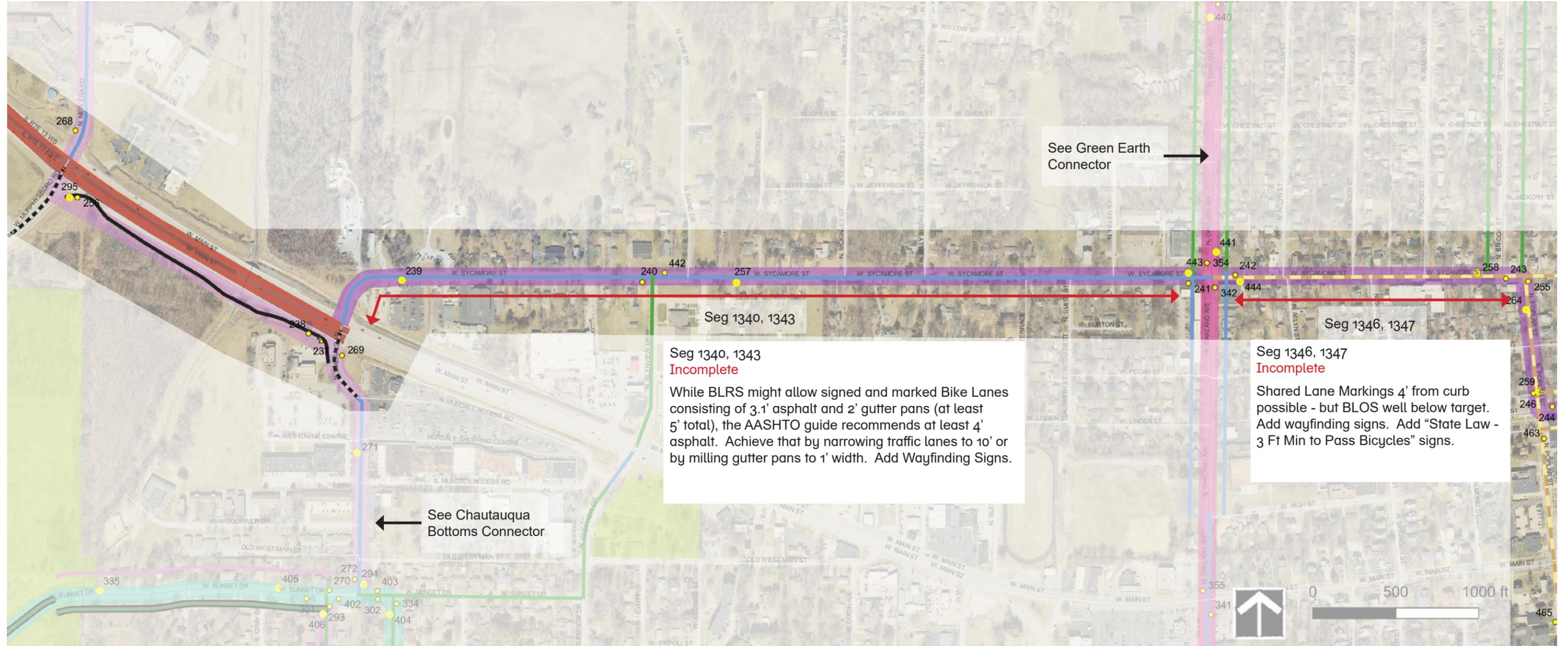
## Bike Master Plan Recommendations

- Bike Route Signs
- - - Motorist Directed Signage
- Shared Lane Markings (SLM)
- - - SLM's and Motorist Signage
- Bike Lanes
- - - Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- - - Widen Sidewalk to Sidepath
- - - Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- ↔ Complete
- ↔ Substantial
- ↔ Incomplete

# Sycamore-Oak Connector: Sheet 1



## Bike Master Plan Recommendations

- Bike Route Signs
- - - Motorist Directed Signage
- Shared Lane Markings (SLM)
- - - SLM's and Motorist Signage
- Bike Lanes
- - - Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- - - Widen Sidewalk to Sidepath
- - - Add Sidepath or Sidewalk
- Bikeway / Trail

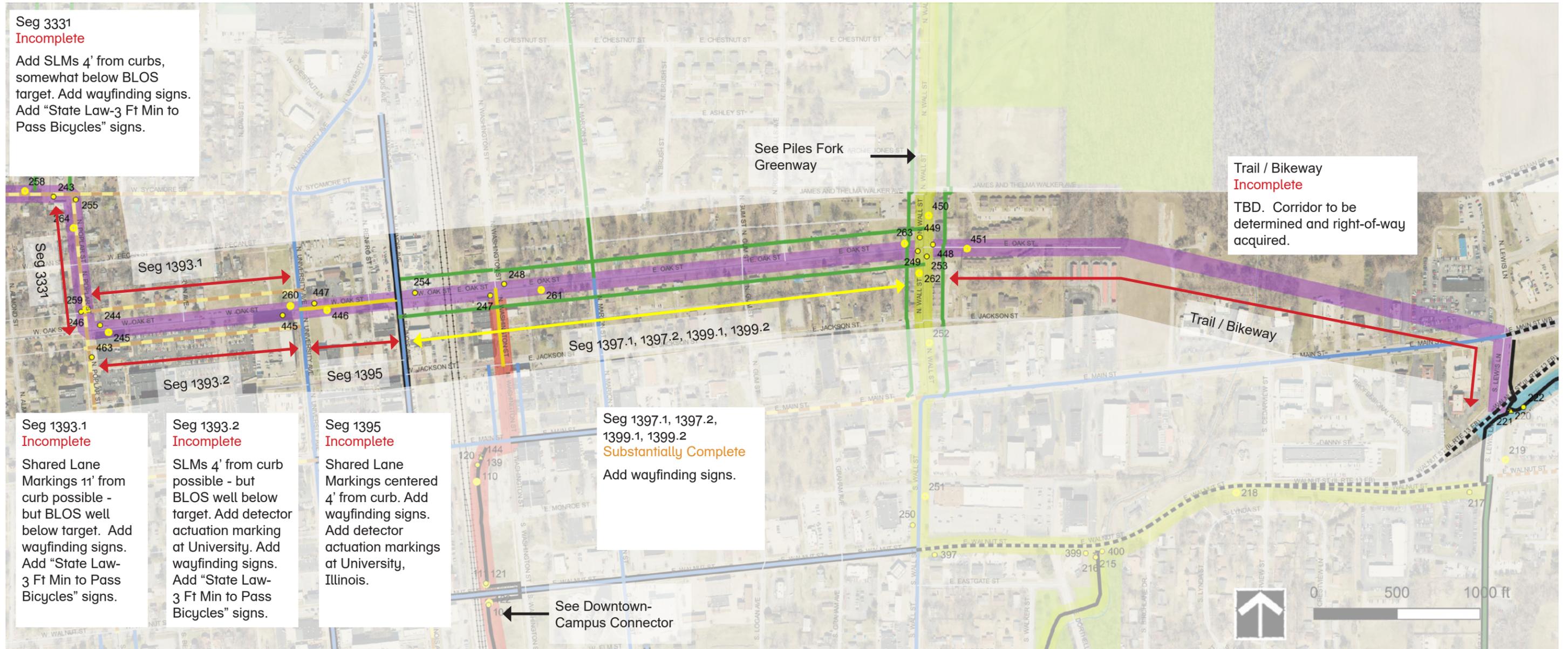
## Evaluation of 2016 Bike Master Plan

- ↔ Complete
- ↔ Substantial
- ↔ Incomplete

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

# Sycamore-Oak Connector: Sheet 2



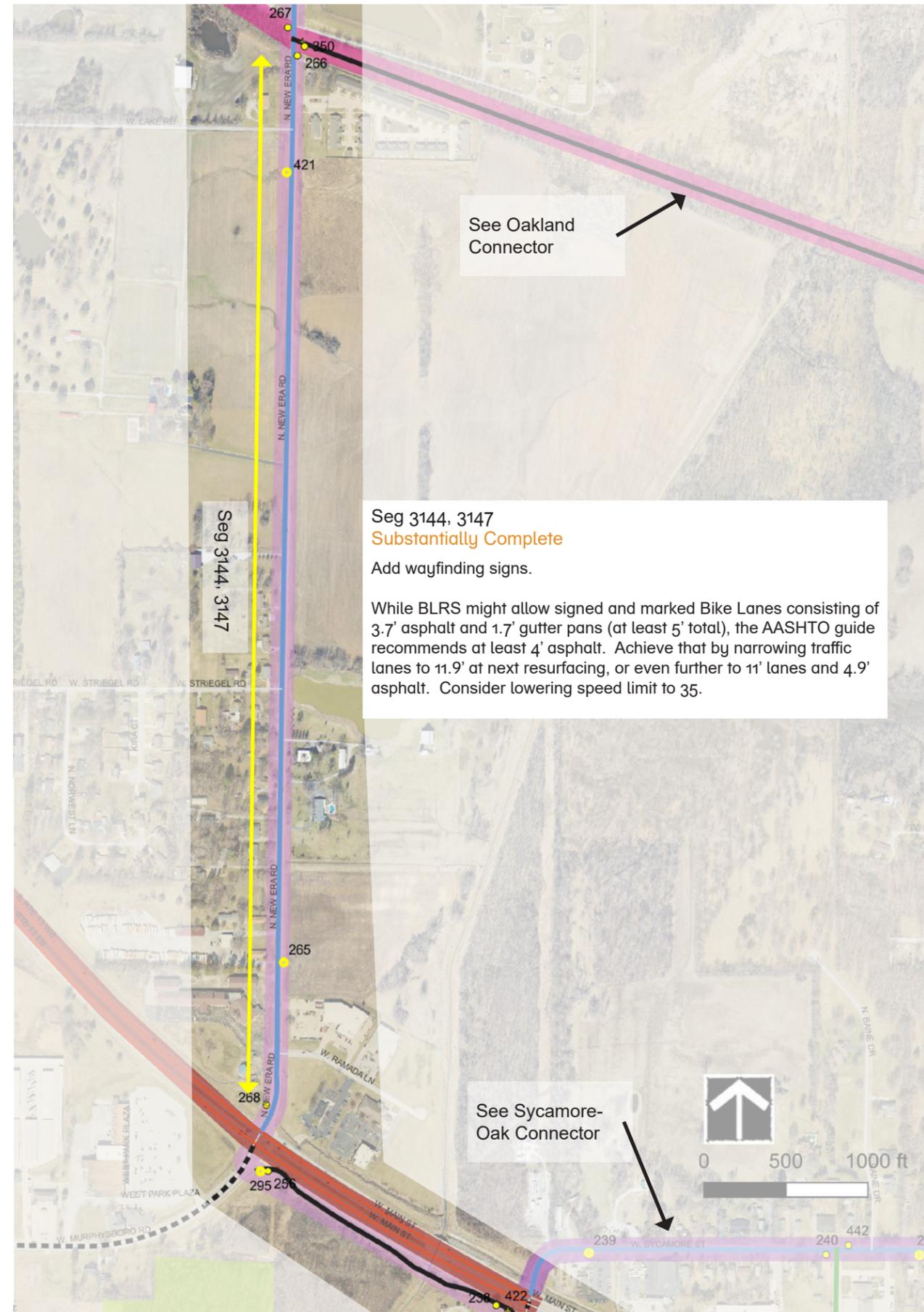
## Bike Master Plan Recommendations

- Bike Route Signs
- - - Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- - - Widen Sidewalk to Sidepath
- - - Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- ↔ Complete
- ↔ Substantial
- ↔ Incomplete

# Chautauqua Bottoms Connector: Sheet 1



**Seg 3144, 3147**  
**Substantially Complete**  
 Add wayfinding signs.

While BLRS might allow signed and marked Bike Lanes consisting of 3.7' asphalt and 1.7' gutter pans (at least 5' total), the AASHTO guide recommends at least 4' asphalt. Achieve that by narrowing traffic lanes to 11.9' at next resurfacing, or even further to 11' lanes and 4.9' asphalt. Consider lowering speed limit to 35.

## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- Complete
- Substantial
- Incomplete

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

# Chautauqua Bottoms Connector: Sheet 2

Trail / Bikeway  
**Substantially Complete**  
 Existing trail / bikeway.  
 Add wayfinding signs.  
 (Shared segment with Saluki Greenway)

See Sycamore-Oak Connector

Seg 3171  
**Incomplete**  
 2016 Master Plan called for supplement sidewalk for on-road cyclists: SLMs 4' from curb, with "Bikes May Use Full Lane" signs. Well below BLOS target. Check Main signal actuation, add marking if needed. The 2016 recommendations are merely minor improvements to somewhat uncomfortable on-road cycling conditions. Explore whether a private agreement and/or right-of-way acquisition could connect Main's sidewalk to the front or back of Westtown Center's interior driveways, or to Woodriver Dr. If not, expand Emerald's west sidewalk to 10' (BLRS-compliant) or 8' from Main to the north end of Emerald's Bike Lanes - requiring converting a corner of the parking lot.

Seg 3172  
**Substantially Complete**  
 Existing bike lanes. Add bike lane marking. Add wayfinding signs.

Seg 1770, 3174, 3177  
**Substantially Complete**  
 Add wayfinding signs.

See Oakland Connector

See Central Connector

## Bike Master Plan Recommendations

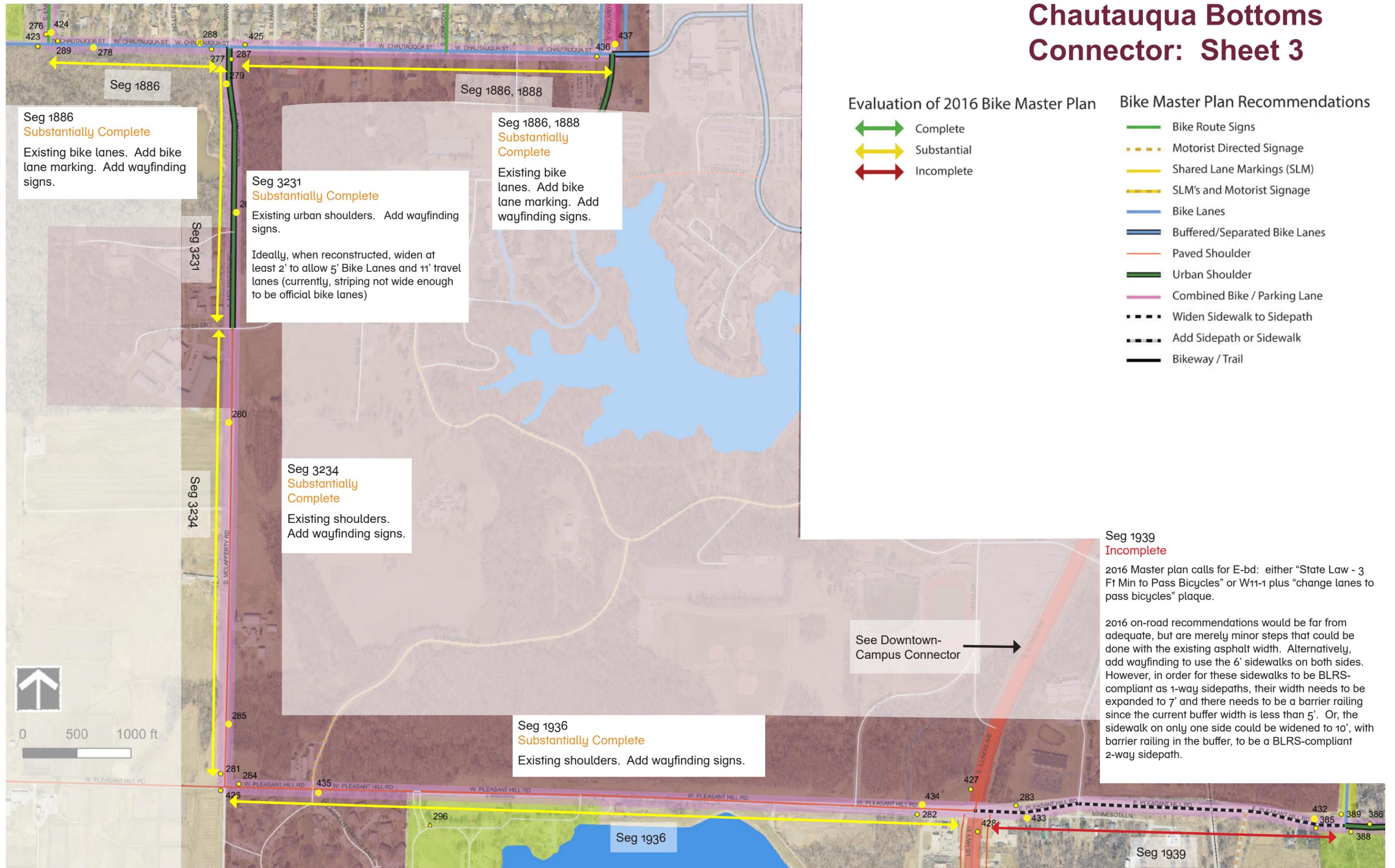
-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

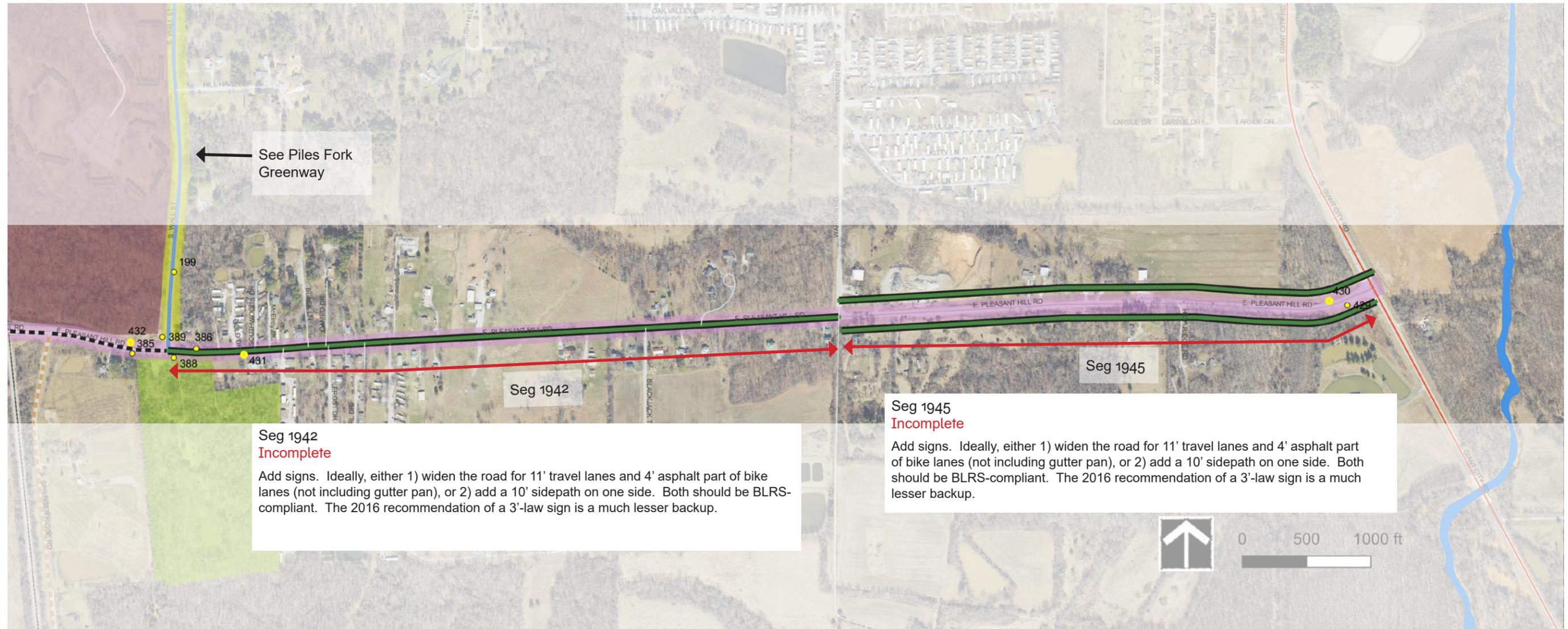
-  Complete
-  Substantial
-  Incomplete



# Chautauqua Bottoms Connector: Sheet 3



# Chautauqua Bottoms Connector: Sheet 4



## Bike Master Plan Recommendations

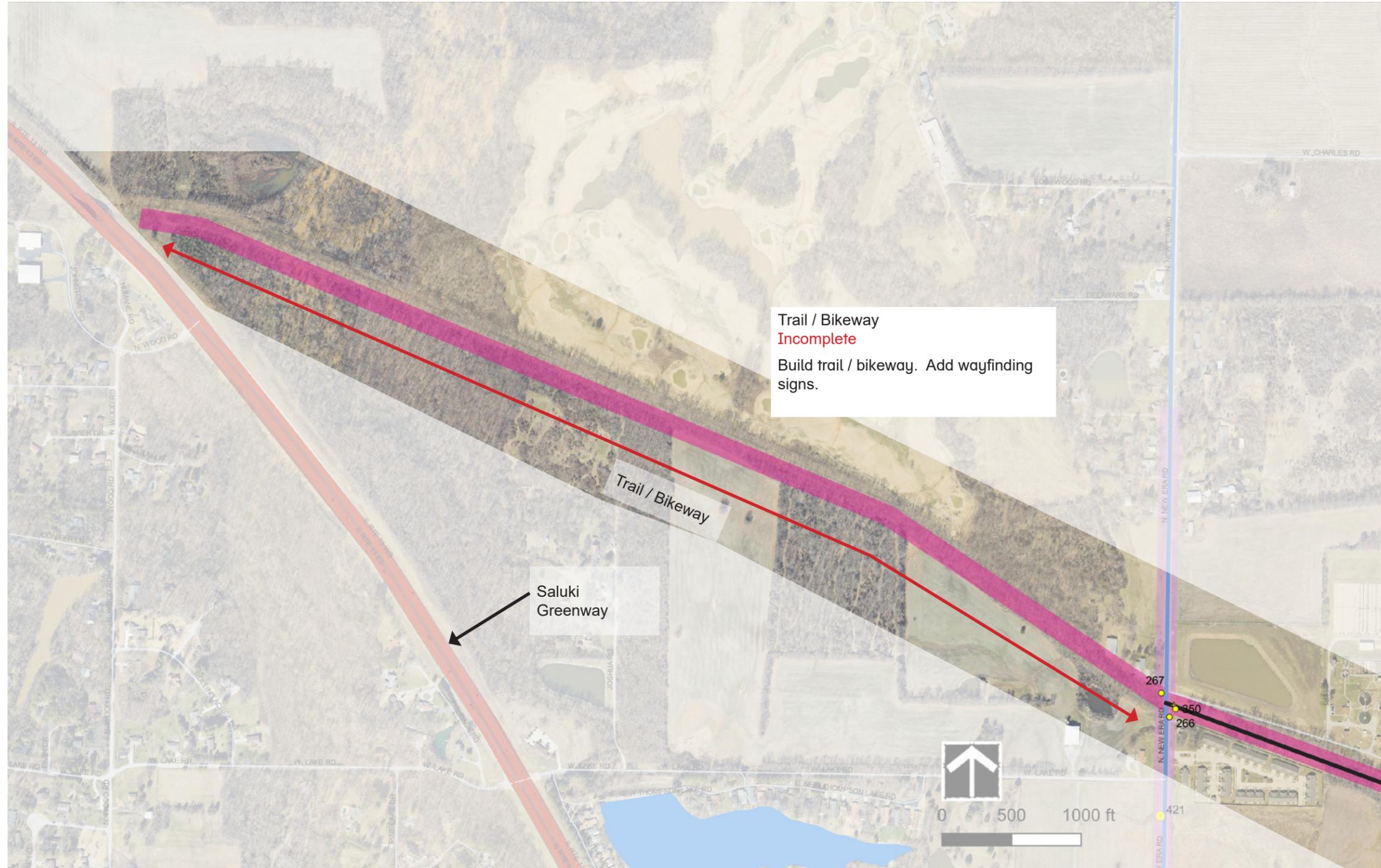
- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes

- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- Complete
- Substantial
- Incomplete

# Oakland Connector: Sheet 1



## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

- Complete
- Substantial
- Incomplete

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

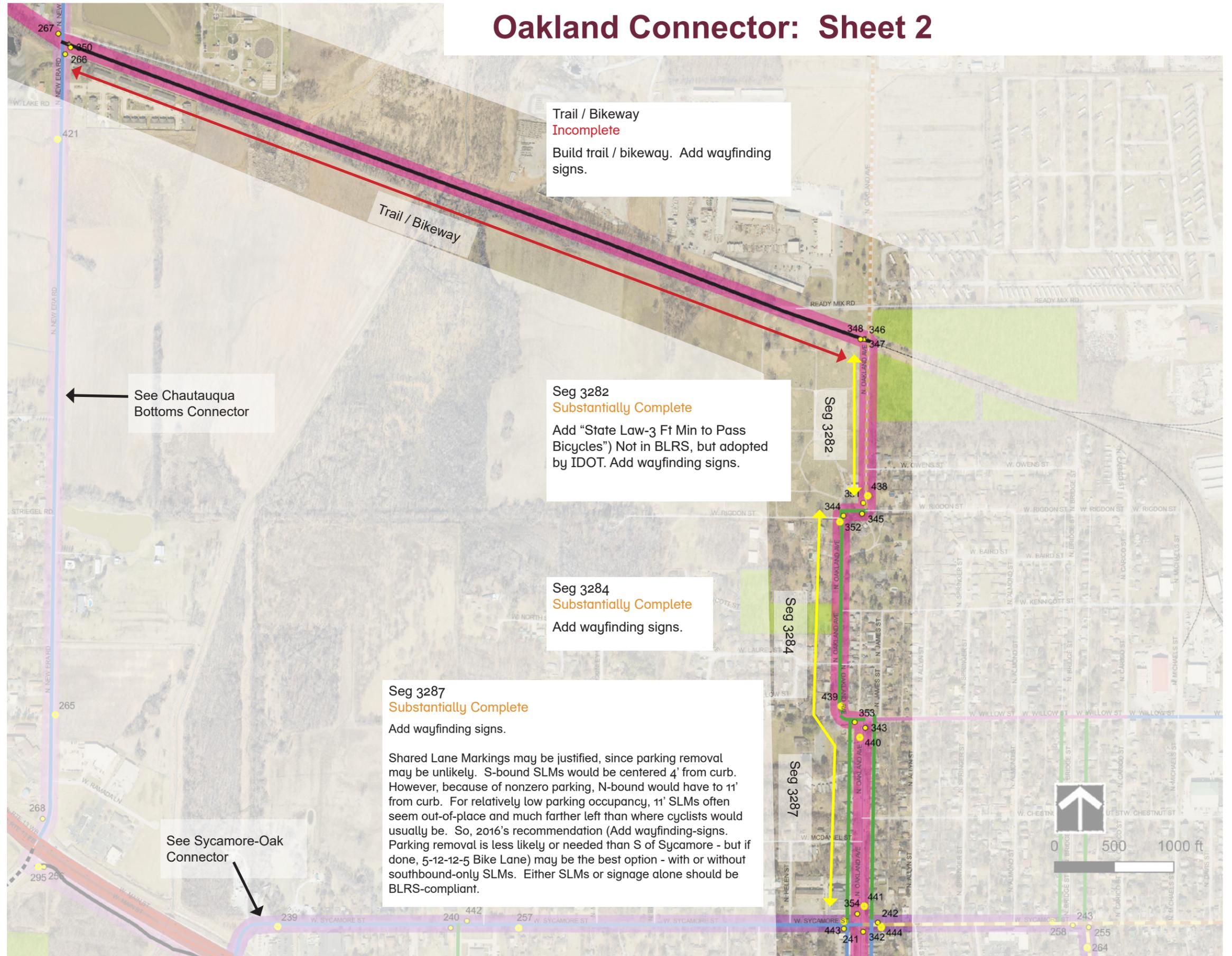
# Oakland Connector: Sheet 2

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

-  Complete
-  Substantial
-  Incomplete



# Oakland Connector: Sheet 3

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

## Evaluation of 2016 Bike Master Plan

-  Complete
-  Substantial
-  Incomplete



Seg 3288.1, 3288.2  
**Incomplete**

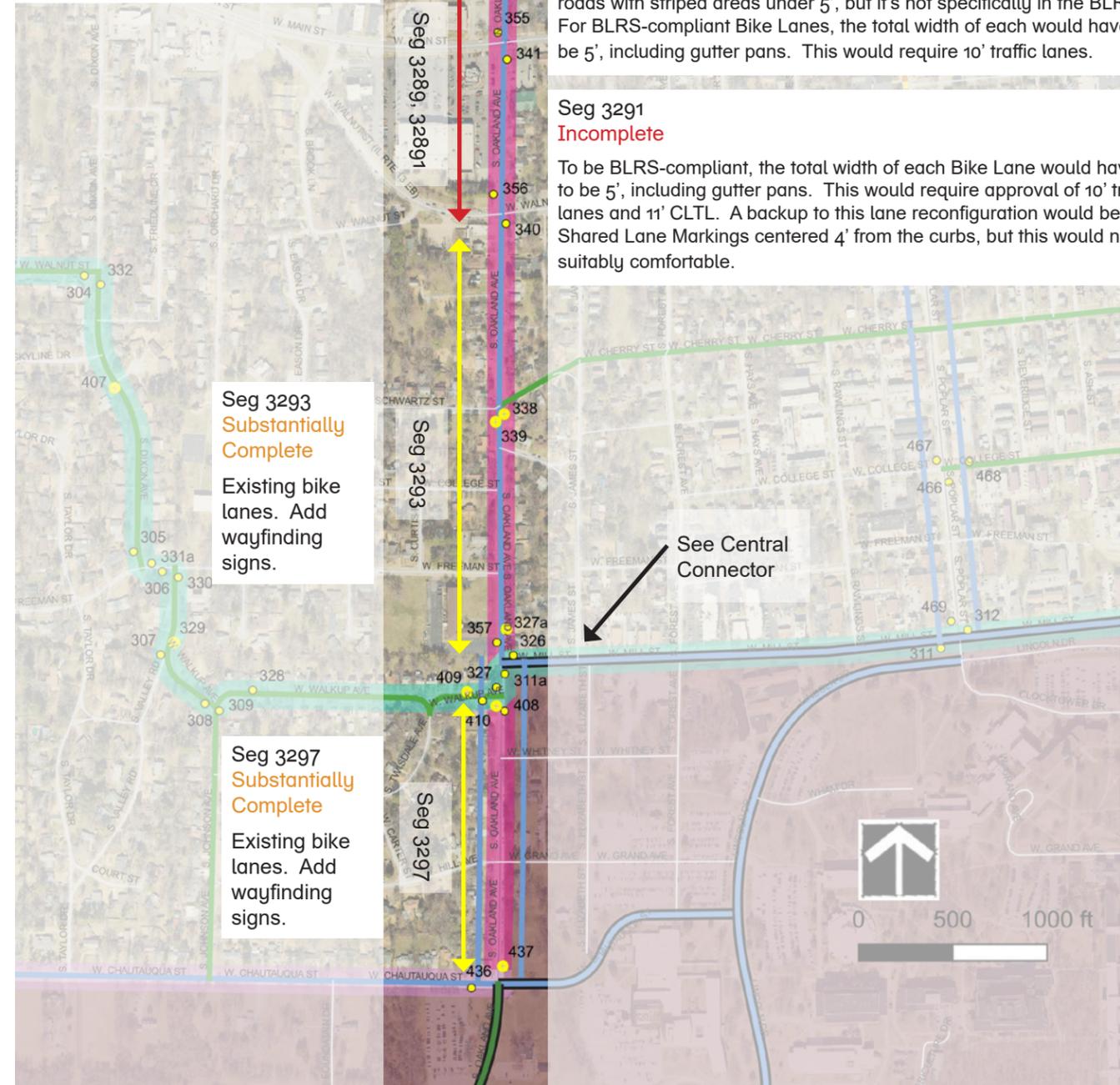
The ideal is parking removal, as recommended in 2016. To be BLRS-compliant, the total width of each Bike Lane would have to be 5', including gutter pans. This would require 10' traffic lanes. If parking is not removed, then keep 2016's backup of wayfinding Bike Route signage only - possibly with southbound-only Shared Lane Markings, centered 4' from curb. Should be BLRS-compliant.

Seg 3289  
**Incomplete**

Technically, non-Bike Lane wayfinding signage should be acceptable on roads with striped areas under 5', but it's not specifically in the BLRS. For BLRS-compliant Bike Lanes, the total width of each would have to be 5', including gutter pans. This would require 10' traffic lanes.

Seg 3291  
**Incomplete**

To be BLRS-compliant, the total width of each Bike Lane would have to be 5', including gutter pans. This would require approval of 10' traffic lanes and 11' CLTL. A backup to this lane reconfiguration would be Shared Lane Markings centered 4' from the curbs, but this would not be suitably comfortable.



Seg 3293  
**Substantially Complete**

Existing bike lanes. Add wayfinding signs.

Seg 3297  
**Substantially Complete**

Existing bike lanes. Add wayfinding signs.

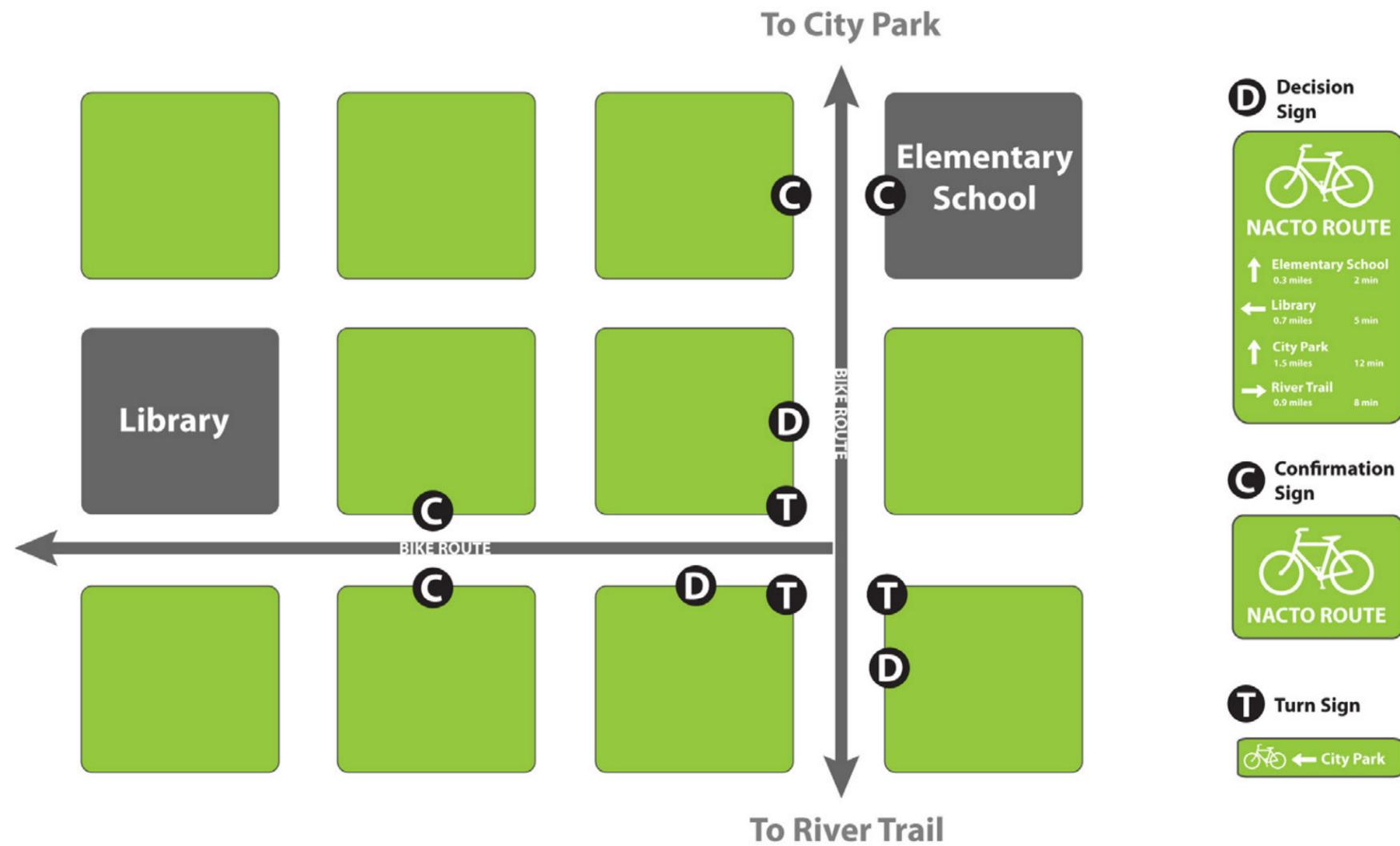
See Central Connector

# Chapter 4: Bike Wayfinding

# Plan Notes

1. It is important to note that this is a **planning** document and not a set of bid drawings or construction documents. The design of wayfinding elements for the plan are conceptual and may change during final implementation and design. The intent of the plan is to provide enough detail to provide consistency for future implementation.
2. Layout of wayfinding elements are approximate, at a level of detail appropriate for a plan. This document recommends general sign locations based on certain decision points. This plan is a general guide. Specific sign locations must be determined in coordination with Illinois Department of Transportation (IDOT) and the City of Carbondale to ensure full adherence to IDOT and MUTCD (Manual on Uniform Traffic Control Devices) standards. Requirements for minimum offsets and clearances must meet current AASHTO, American with Disabilities Act (ADA), and IDOT standards. The location of wayfinding elements shall avoid conflicts with utilities, site distances, and existing signage.
3. Final design drawings / shop drawings of wayfinding elements shall be sealed by an engineer licensed in the state of Illinois. Final design drawings / shop drawings shall include all design and engineering of all structural, attachment, anchoring, and foundation features. Wayfinding elements shall withstand the required wind load per local, state or federal code. Breakaway posts shall be included where required.
4. Segments of bike-pedestrian corridors have existing gaps in existing bicycle and pedestrian facilities. Implementation of wayfinding elements should coincide with the implementation of bicycle and pedestrian improvements. Regulatory and safety signage will be required, as necessary, along bike-pedestrian corridors.
5. Message schedules shall be confirmed prior to implementation. The message schedule included as part of the plan is only a guide. Destination names (or hierarchy/priority) may change prior to implementation. Message schedules shall be confirmed with appropriate stakeholders as phases of wayfinding are implemented.
6. Full-size mockups or representative samples of wayfinding elements for approval should be included as part of implementation phases.

The National Association of City Transportation Officials (NACTO) provides guidance for urban bicycle facilities and wayfinding. Typically, bike wayfinding consists of 1. directional/turn signs and 2. confirmation signs.



  
**Signing & Marking**  
 Bike Route Wayfinding Signage System

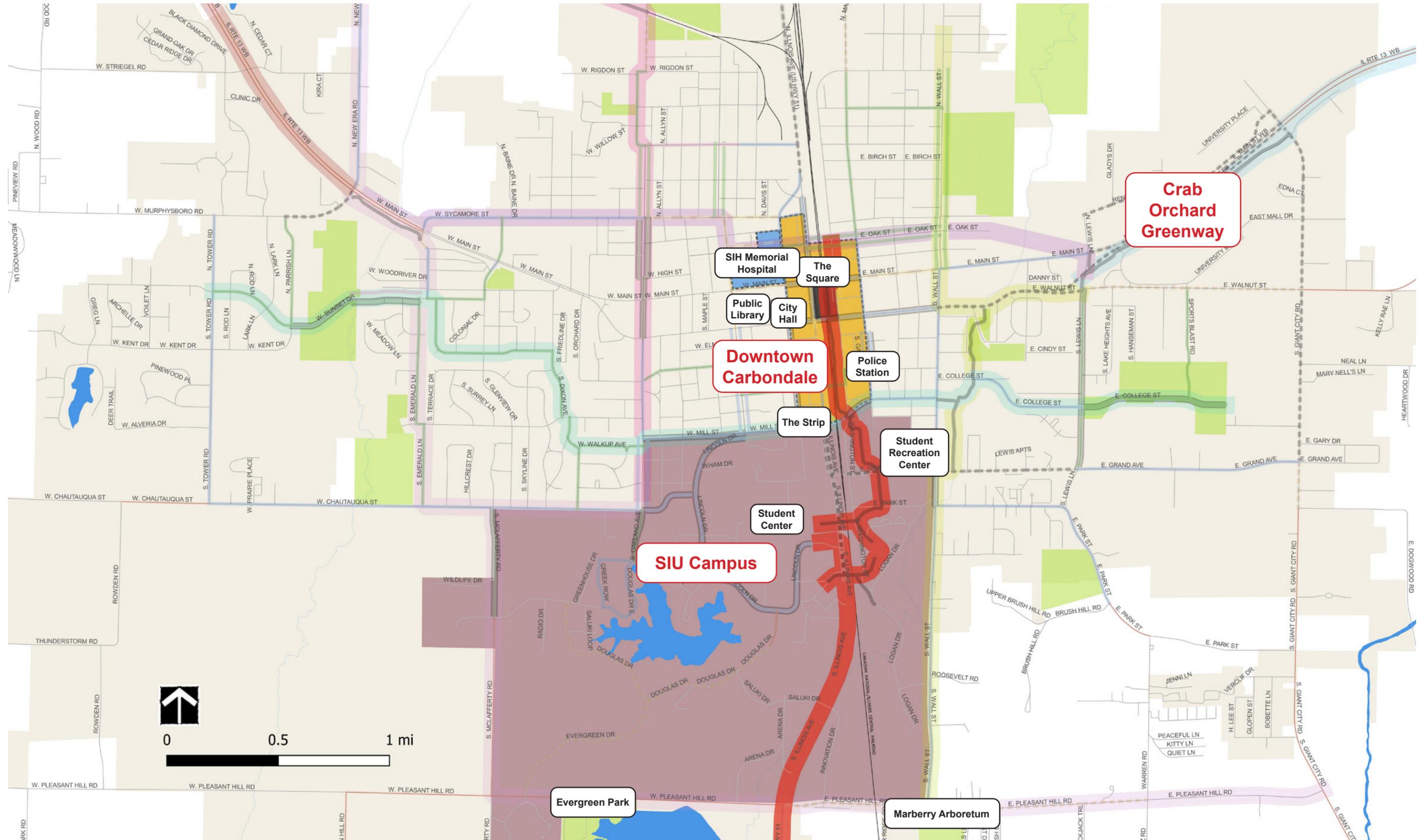
Wayfinding signs have a hierarchy or information. Master destinations are repeated frequently throughout the system, while secondary destinations may only be included on signs near that destination.

Hierarchy is important. Users become confused if too much information is presented on each sign.

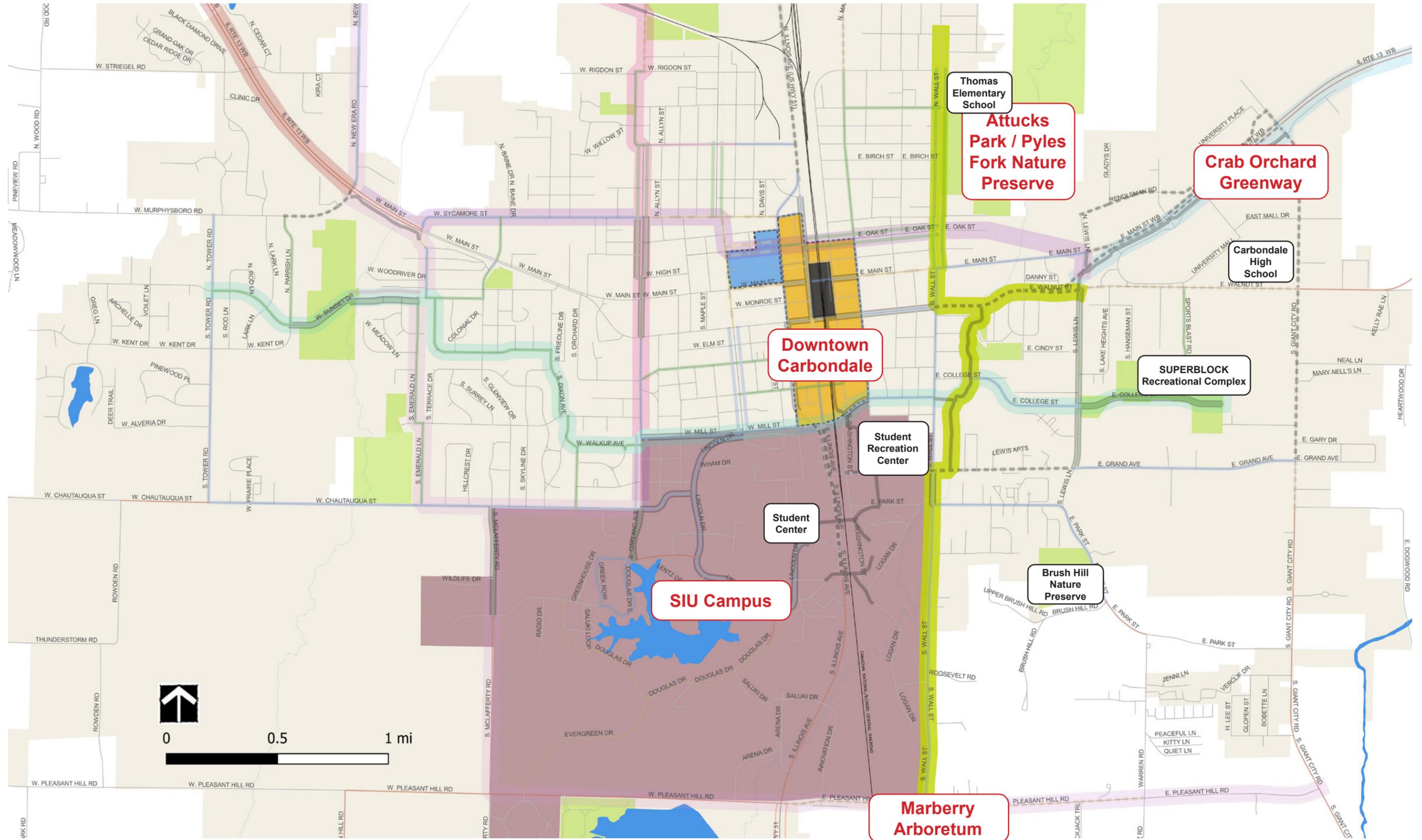


The following pages show the major and secondary destinations for each bike corridor. This list of destinations informs the messaging schedule for the wayfinding elements.

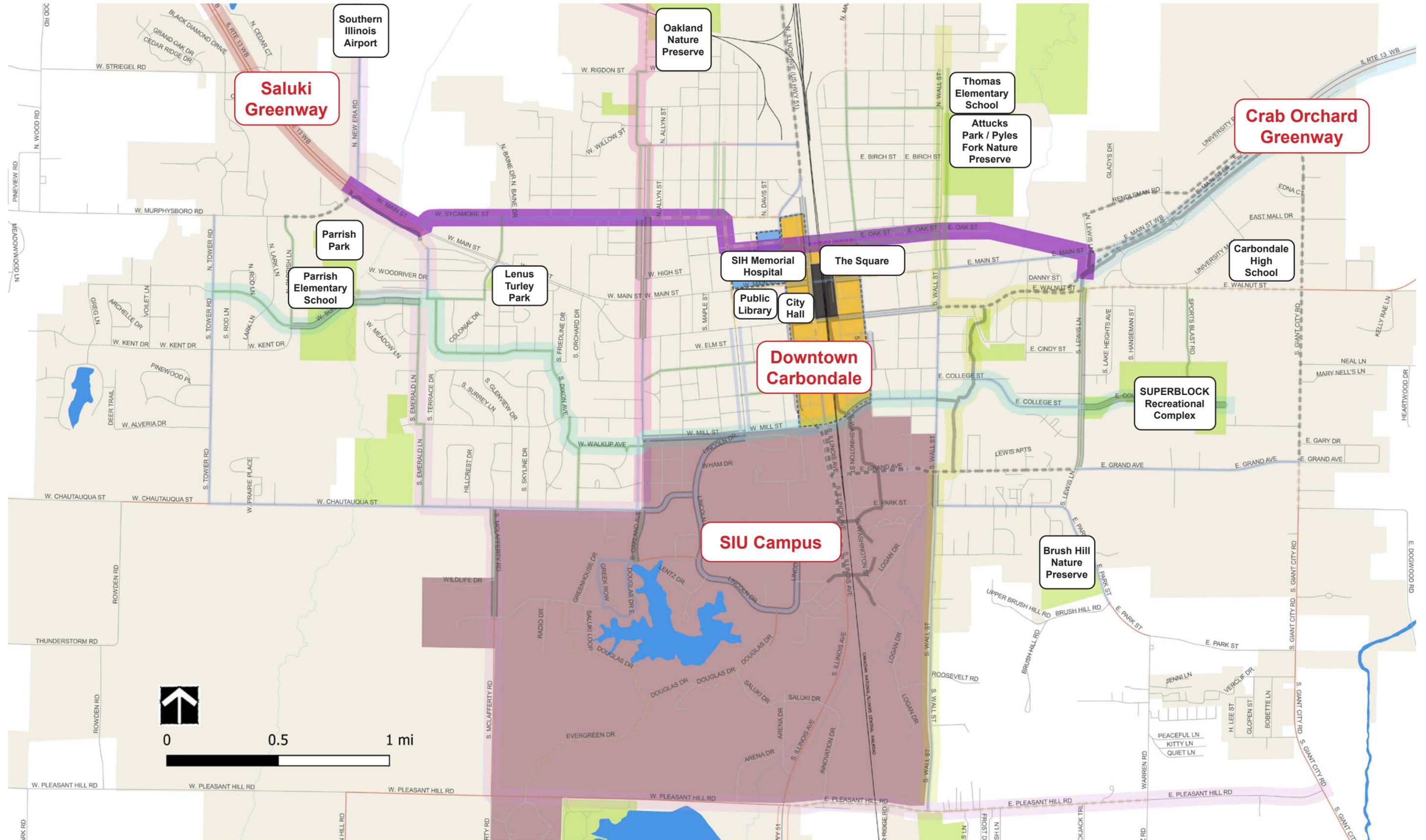
# Destinations: Downtown-Campus Connector



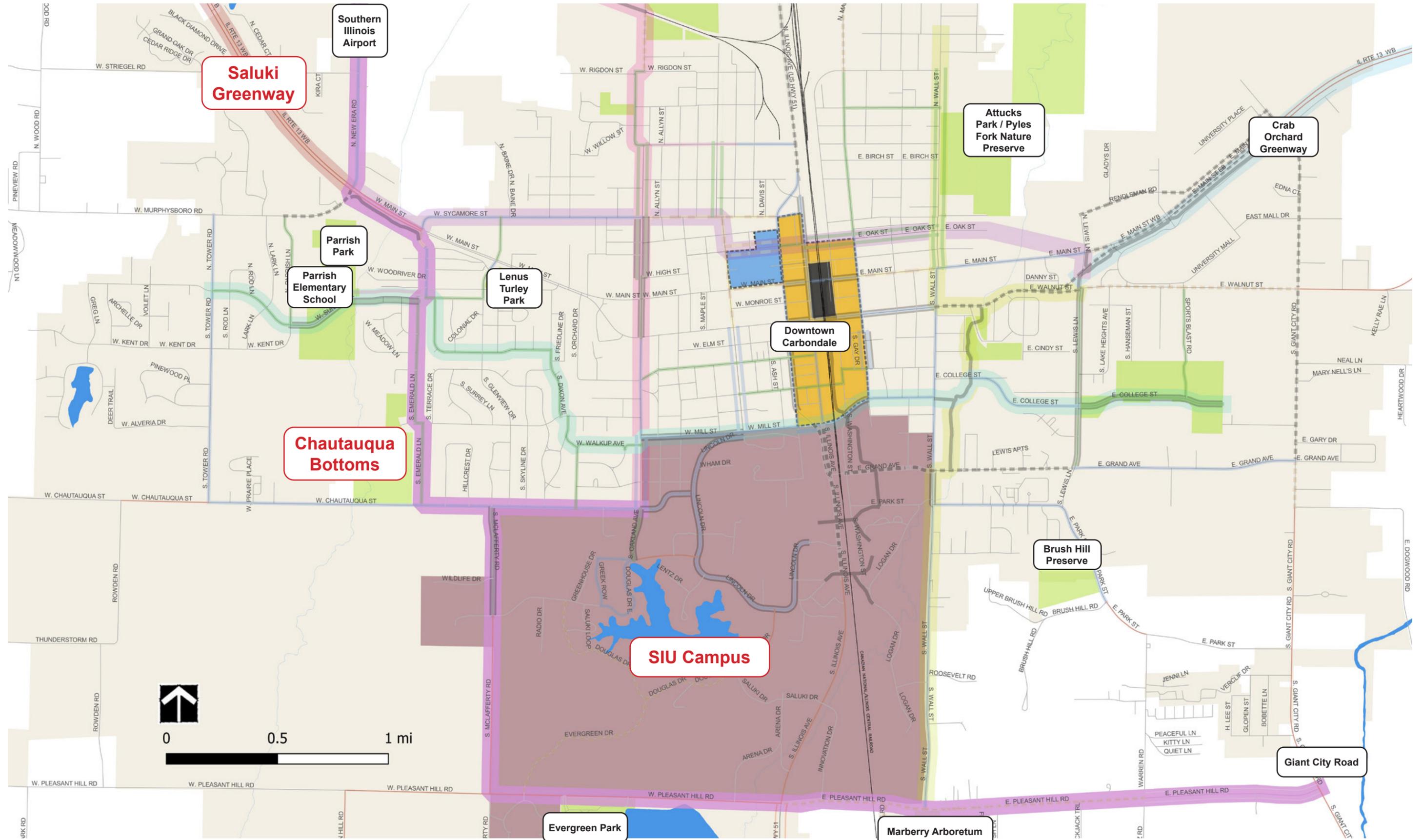
# Destinations: Piles Fork Greenway



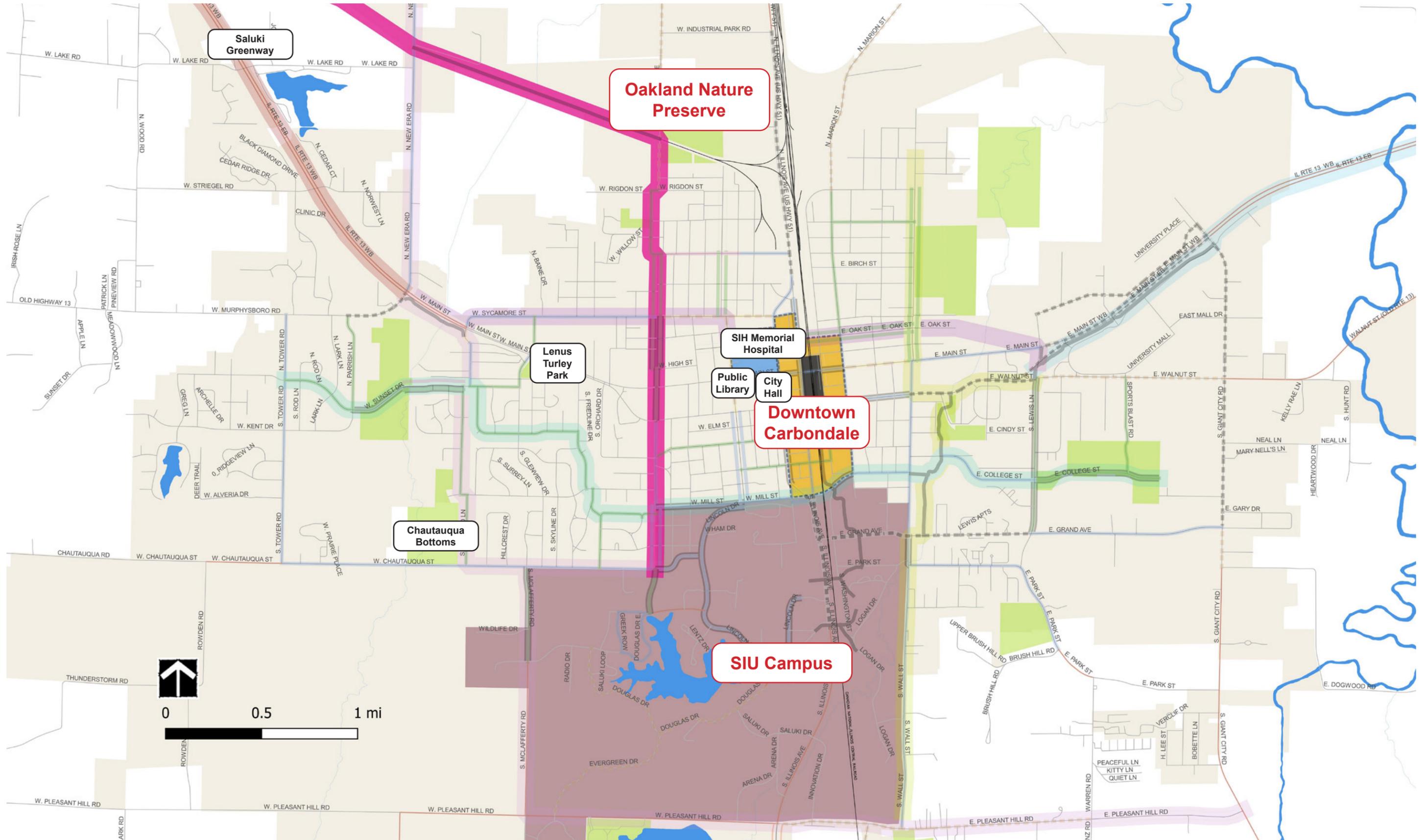
# Destinations: Sycamore-Oak Connector



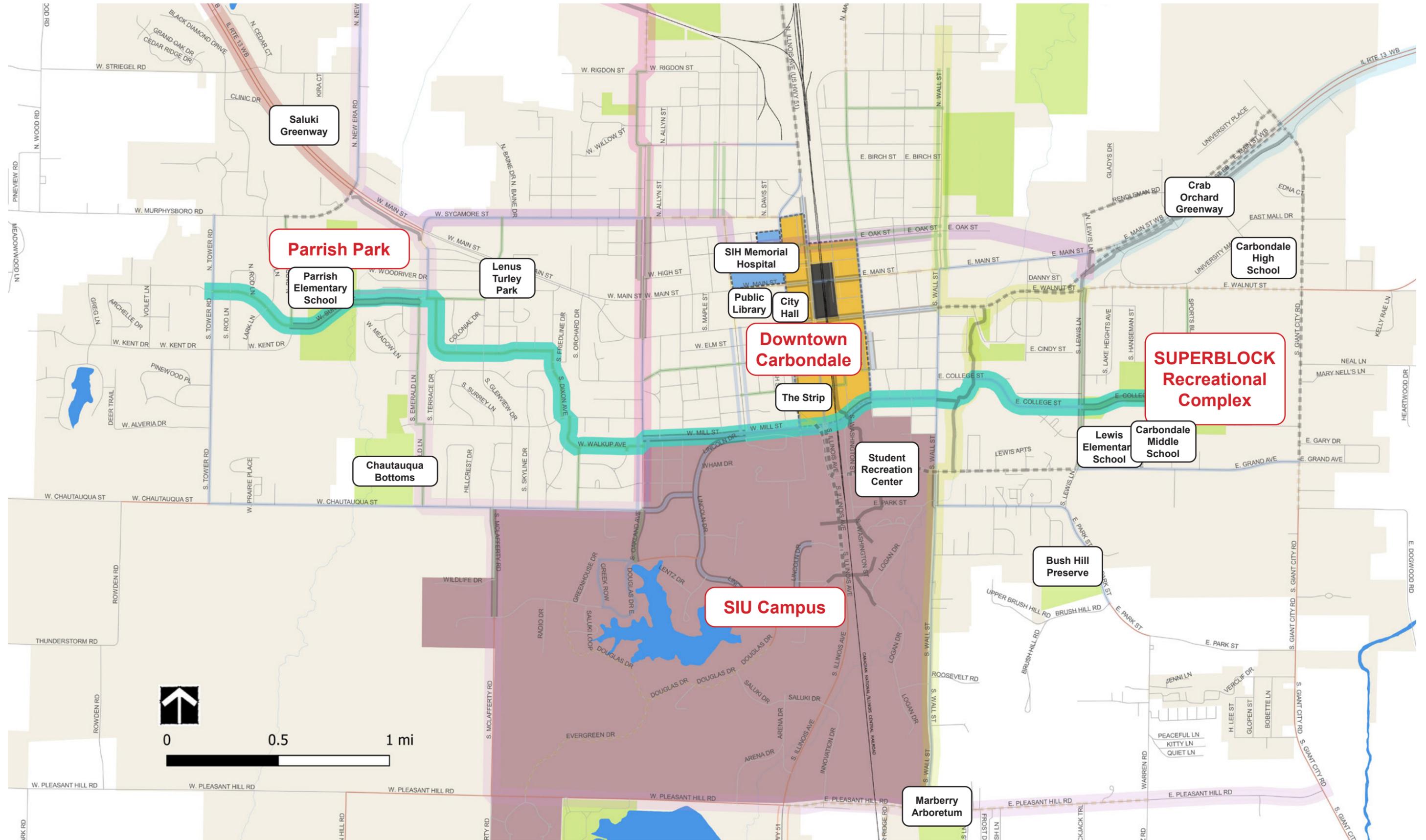
# Destinations: Chautauqua Bottoms Connector



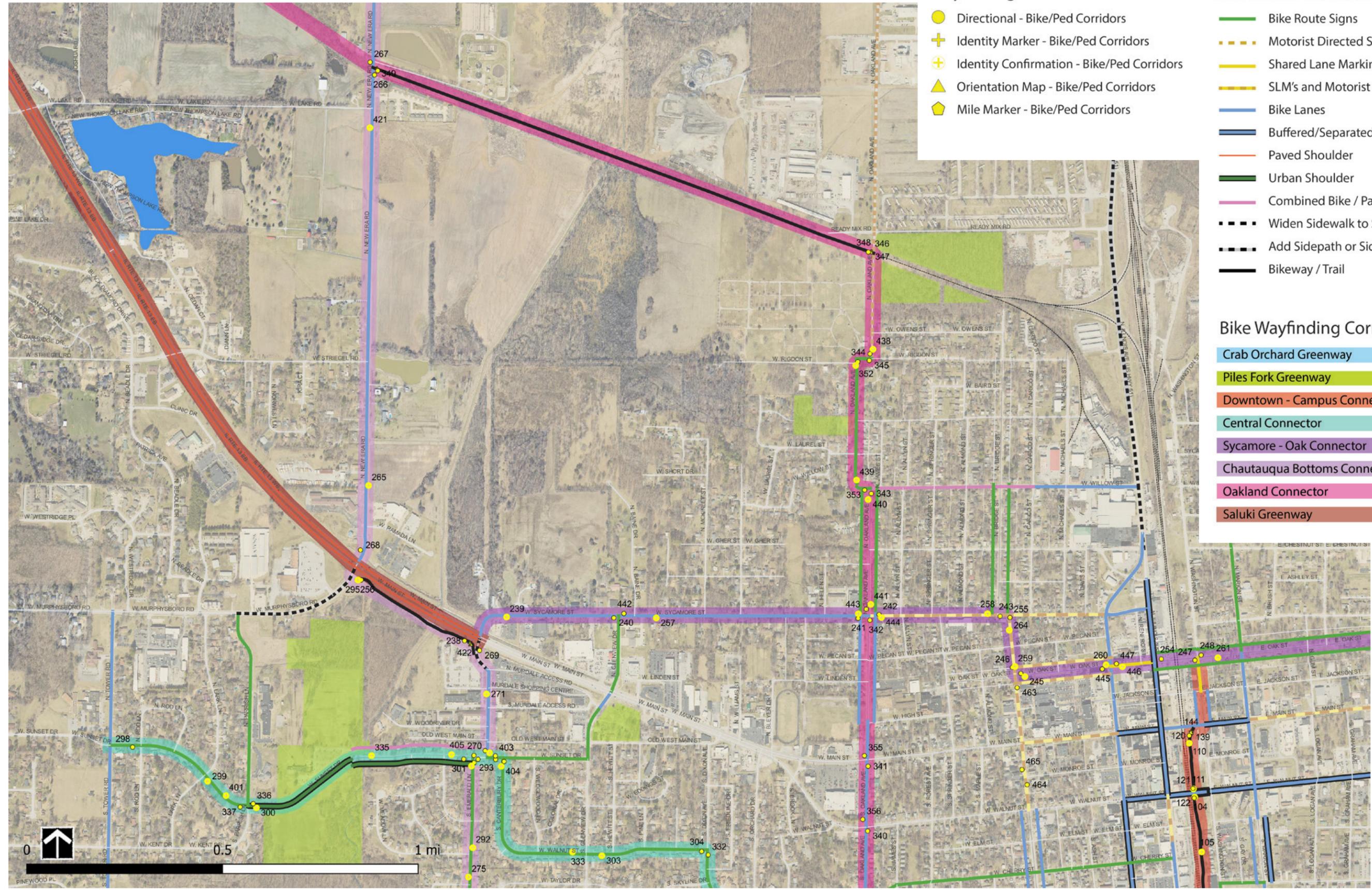
# Destinations: Oakland Connector



# Destinations: Central Connector



# Bike Wayfinding Locations: Northwest Quadrant



## Wayfinding

- Directional - Bike/Ped Corridors
- ✚ Identity Marker - Bike/Ped Corridors
- ⊕ Identity Confirmation - Bike/Ped Corridors
- ▲ Orientation Map - Bike/Ped Corridors
- ◆ Mile Marker - Bike/Ped Corridors

## Bike Master Plan Recommendations

- Bike Route Signs
- - - Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- - - Widen Sidewalk to Sidepath
- - - Add Sidepath or Sidewalk
- Bikeway / Trail

## Bike Wayfinding Corridors

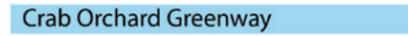
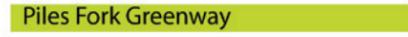
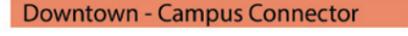
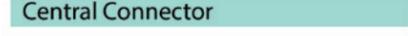
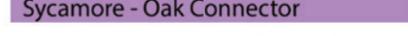
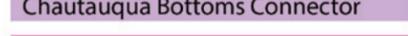
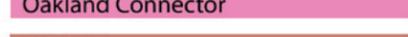
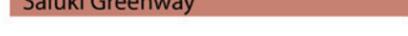
- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

# Bike Wayfinding Locations: Southwest Quadrant

## Bike Master Plan Recommendations

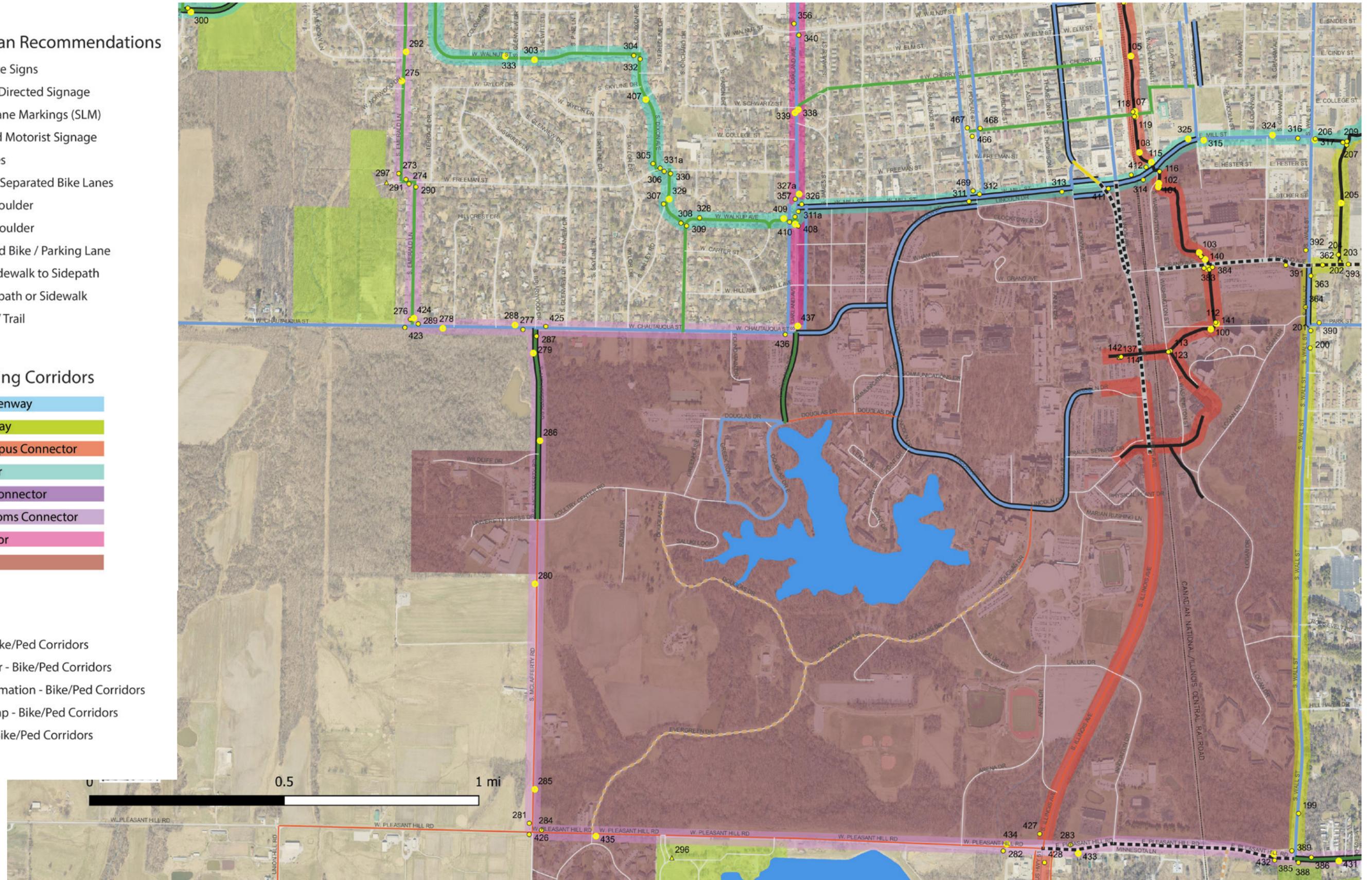
-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail

## Bike Wayfinding Corridors

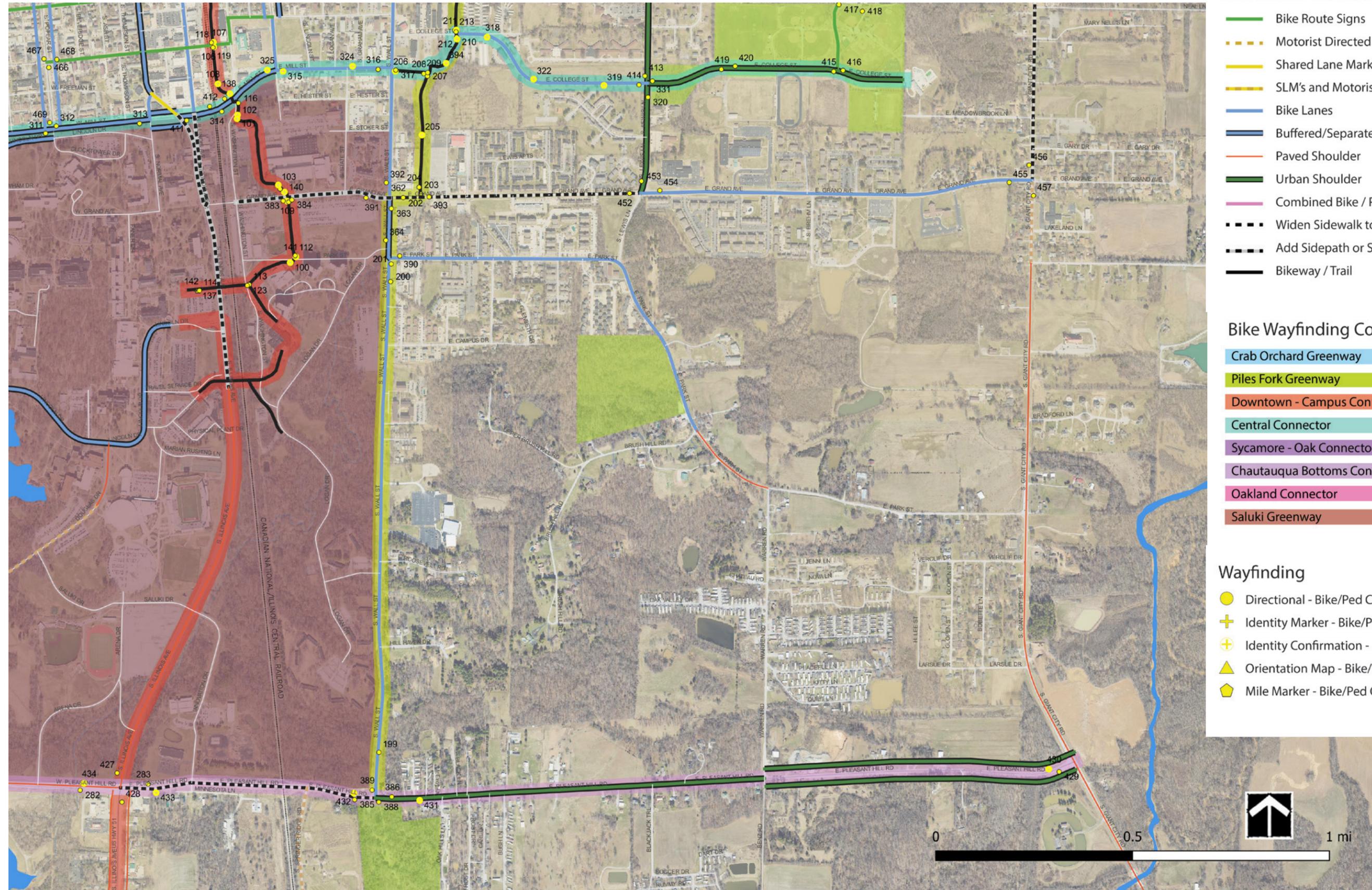
-  Crab Orchard Greenway
-  Piles Fork Greenway
-  Downtown - Campus Connector
-  Central Connector
-  Sycamore - Oak Connector
-  Chautauqua Bottoms Connector
-  Oakland Connector
-  Saluki Greenway

## Wayfinding

-  Directional - Bike/Ped Corridors
-  Identity Marker - Bike/Ped Corridors
-  Identity Confirmation - Bike/Ped Corridors
-  Orientation Map - Bike/Ped Corridors
-  Mile Marker - Bike/Ped Corridors



# Bike Wayfinding Locations: Southwest Quadrant



## Bike Master Plan Recommendations

- Bike Route Signs
- - - Motorist Directed Signage
- Shared Lane Markings (SLM)
- - - SLM's and Motorist Signage
- Bike Lanes
- - - Buffered/Separated Bike Lanes
- Paved Shoulder
- - - Urban Shoulder
- Combined Bike / Parking Lane
- - - Widen Sidewalk to Sidepath
- - - Add Sidepath or Sidewalk
- Bikeway / Trail

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

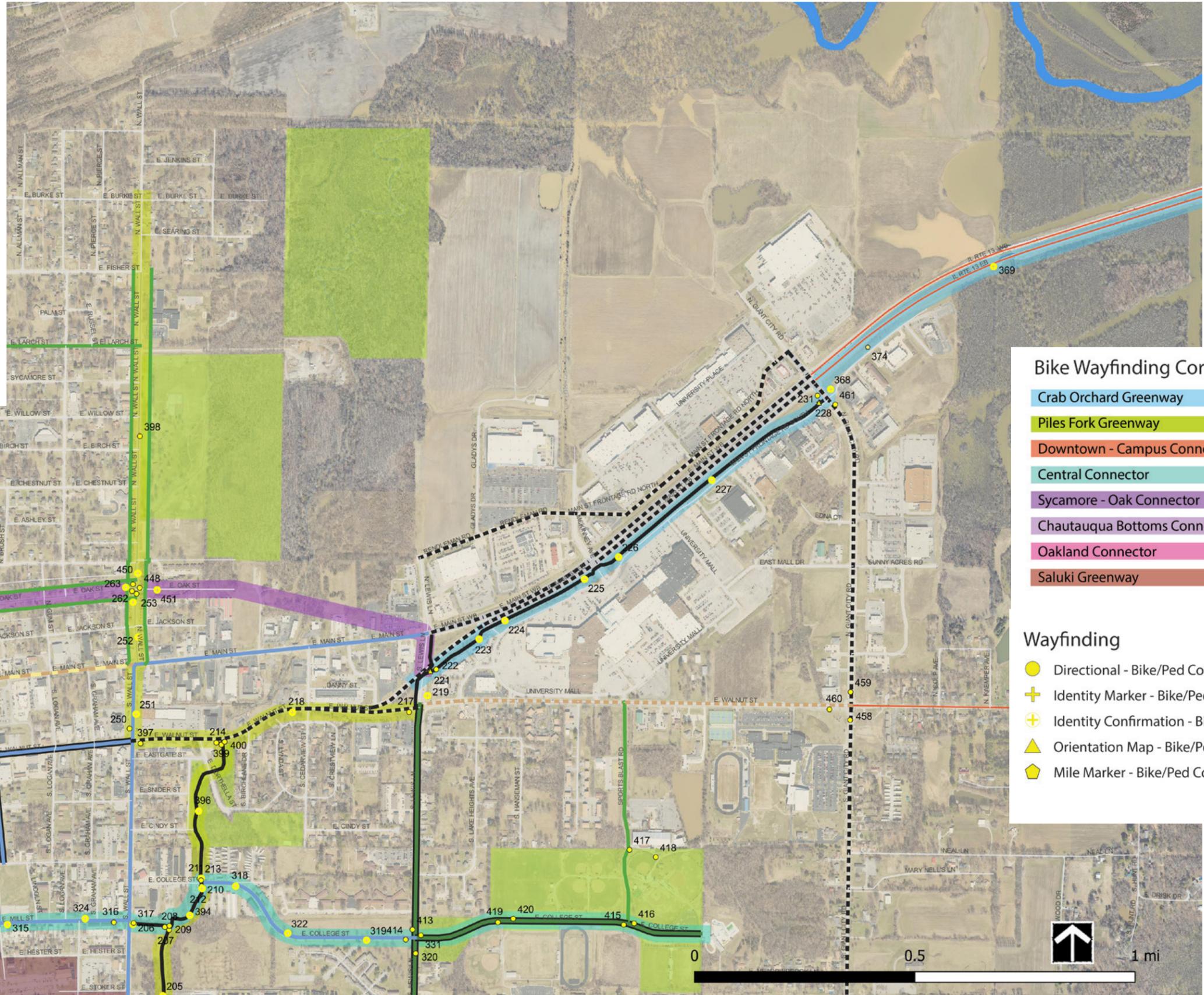
## Wayfinding

- Directional - Bike/Ped Corridors
- + Identity Marker - Bike/Ped Corridors
- ⊕ Identity Confirmation - Bike/Ped Corridors
- ▲ Orientation Map - Bike/Ped Corridors
- ⬠ Mile Marker - Bike/Ped Corridors

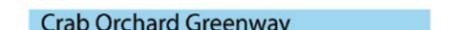
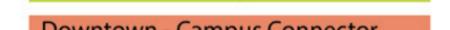
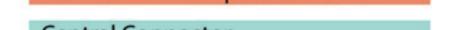
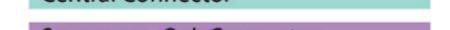
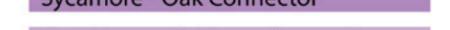
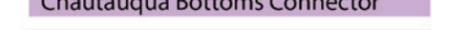
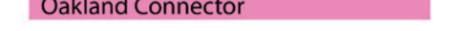
# Bike Wayfinding Locations: Northeast Quadrant

## Bike Master Plan Recommendations

-  Bike Route Signs
-  Motorist Directed Signage
-  Shared Lane Markings (SLM)
-  SLM's and Motorist Signage
-  Bike Lanes
-  Buffered/Separated Bike Lanes
-  Paved Shoulder
-  Urban Shoulder
-  Combined Bike / Parking Lane
-  Widen Sidewalk to Sidepath
-  Add Sidepath or Sidewalk
-  Bikeway / Trail



## Bike Wayfinding Corridors

-  Crab Orchard Greenway
-  Piles Fork Greenway
-  Downtown - Campus Connector
-  Central Connector
-  Sycamore - Oak Connector
-  Chautauqua Bottoms Connector
-  Oakland Connector
-  Saluki Greenway

## Wayfinding

-  Directional - Bike/Ped Corridors
-  Identity Marker - Bike/Ped Corridors
-  Identity Confirmation - Bike/Ped Corridors
-  Orientation Map - Bike/Ped Corridors
-  Mile Marker - Bike/Ped Corridors

# Bike Wayfinding Locations: Northeast Quadrant Extended



## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway

## Wayfinding

- Directional - Bike/Ped Corridors
- Identity Marker - Bike/Ped Corridors
- Identity Confirmation - Bike/Ped Corridors
- Orientation Map - Bike/Ped Corridors
- Mile Marker - Bike/Ped Corridors

# Message Schedule: Definitions

| ID  | Type                 | Corridor        | Message  | Notes | Type2  | Phase | Sides  | Mounting | Bike/Ped     |
|-----|----------------------|-----------------|--|-------|--------|-------|--------|----------|--------------|
| 112 | Directional-Bike/Ped | Downtown-Campus | NB [fa] Student Recreation Center , Downtown Carbondale / SB [ra] Student Center |       | DIR.08 | 2A    | Double | 48"      | Bike and Ped |

NB = Northbound

SB = Southbound

WB = Westbound

EB = Eastbound

|     |                      |                 |  |  |        |    |        |     |              |
|-----|----------------------|-----------------|--|--|--------|----|--------|-----|--------------|
| 112 | Directional-Bike/Ped | Downtown-Campus | NB [fa] Student Recreation Center , Downtown Carbondale / SB [ra] Student Center |  | DIR.08 | 2A | Double | 48" | Bike and Ped |
|-----|----------------------|-----------------|--|--|--------|----|--------|-----|--------------|

[fa] = forward arrow glyph = ↑

[ra] = right arrow glyph = →

[la] = left arrow glyph = ←

[la-ra] = right and right arrow glyph = ↔

|     |                      |         |                                    |  |        |    |        |               |           |
|-----|----------------------|---------|------------------------------------|--|--------|----|--------|---------------|-----------|
| 307 | Directional-Bike/Ped | Central | SB [la] Continue Central Connector |  | DIR.08 | 2B | Single | Existing pole | Bike only |
|-----|----------------------|---------|------------------------------------|--|--------|----|--------|---------------|-----------|

“Corridor” designation



|     |                      |         |   |  |        |    |        |     |              |
|-----|----------------------|---------|---|--|--------|----|--------|-----|--------------|
| 323 | Directional-Bike/Ped | Central | WB [la-ra] RILES PARK Greenway [ra] SIU Campus [ra] CRAB Orchard Greenway<br>[la] CENTRAL Connector |  | DIR.08 | 2A | Single | 48" | Bike and Ped |
|-----|----------------------|---------|---|--|--------|----|--------|-----|--------------|

When a “Corridor” is included in the message schedule with an arrow designation, it designates that an arrow glyph should be included in the “Corridor” designation at the bottom of the sign. (Because the corridor is changing direction).



# Message Schedule

| ID  | Type                  | Corridor        | Message   | Notes   | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|-----------------|---|---|--------|-------|--------|---------------|--------------|
| 100 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 101 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 102 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 103 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 104 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 105 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 106 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 107 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 108 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 109 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 110 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 111 | Confirmation-Bike/Ped | Downtown-Campus | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector  |   | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 112 | Directional-Bike/Ped  | Downtown-Campus | NB [fa] Student Recreation Center , Downtown Carbondale / SB [ra] Student Center                  |   | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 113 | Directional-Bike/Ped  | Downtown-Campus | EB [la] Student Recreation Center , Downtown Carbondale [ra] Neely Hall                           | Mount on pedestrian bridge fencing. May need two separate signs | DIR.08 | 2A    | Single | Fence         | Bike and Ped |
| 114 | Directional-Bike/Ped  | Downtown-Campus | EB [fa] Downtown Carbondale, Student Recreation Center ; WB [fa] Student Center                   |   | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 115 | Directional-Bike/Ped  | Downtown-Campus | NB [fa] The Square , [la] The Strip / SB [la ra] Central Connector [fa] SIU Campus [ra] The Strip |   | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 116 | Directional-Bike/Ped  | Downtown-Campus | NB [la ra] Central Connector [la] Downtown Carbondale / SB [fa] Student Recreation Center         |   | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 117 | Directional-Bike/Ped  | Downtown-Campus | NB [fa] Downtown Carbondale / SB [fa] Student Center [la] Piles Fork Greenway                     |   | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 118 | Directional-Bike/Ped  | Downtown-Campus | SB [fa] SIU Campus [la] Police Station [ra] The Strip   |   | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 119 | Directional-Bike/Ped  | Downtown-Campus | NB [la] The Strip [ra] Police Station   |   | DIR.08 | 2A    | Single | 48"           | Bike and Ped |

| ID  | Type                  | Corridor            | Message  | Notes                               | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|---------------------|--|-------------------------------------|--------|-------|--------|---------------|--------------|
| 120 | Directional-Bike/Ped  | Downtown-Campus     | SB [fa] SIU Campus   |                                     | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 121 | Directional-Bike/Ped  | Downtown-Campus     | SB [la] Please Use Crosswalk [ra] Civic Center, City Hall  |                                     | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 122 | Directional-Bike/Ped  | Downtown-Campus     | NB [la] Civic Center, City Hall [ra] Please Use Crosswalk  |                                     | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 123 | Directional-Bike/Ped  | Downtown-Campus     | WB [ra] Student Center   | Mount on pedestrian bridge fencing. | DIR.08 | 2A    | Single | Fence         | Bike and Ped |
| 124 | Directional-Bike/Ped  | Downtown-Campus     | NB [fa] Student Recreation Center , Downtown Carbondale [ra] Piles Fork Greenway / SB [fa] Student Center                      |                                     | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 134 | Directional-Bike/Ped  | Central             | WB [fa] The Strip, Parish Park / EB [la ra] Downtown-Campus Connector [la] The Square [ra] Student Recreation Center           |                                     | DIR.08 | 2     | Double | 84"           | Bike and Ped |
| 137 | Map-Bike/Ped          | Downtown-Campus     | [bike pedestrian glyphs] Explore Carbondale Map [QR code]  | Alternative: Pedestal Map (ORI.03)  | ID.16  | 2A    | Single | 48"           | Bike and Ped |
| 138 | Map-Bike/Ped          | Downtown-Campus     | [bike pedestrian glyphs] Explore Carbondale Map [QR code]  | Alternative: Pedestal Map (ORI.03)  | ID.16  | 2A    | Single | 48"           | Bike and Ped |
| 139 | Map-Bike/Ped          | Downtown-Campus     | [bike pedestrian glyphs] Explore Carbondale Map [QR code]  | Alternative: Pedestal Map (ORI.03)  | ID.16  | 2A    | Single | 48"           | Bike and Ped |
| 140 | Confirmation-Bike/Ped | Downtown-Campus     | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector   |                                     | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 141 | Confirmation-Bike/Ped | Downtown-Campus     | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector   |                                     | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 142 | Marker-Bike/Ped       | Downtown-Campus     | [bike pedestrian glyphs] Explore Carbondale / DOWNTOWN-CAMPUS Connector  |                                     | ENV.02 | 2A    | Double | 84"           | Bike and Ped |
| 143 | Confirmation-Bike/Ped | Downtown-Campus     | [bike pedestrian glyphs] DOWNTOWN-CAMPUS Connector   |                                     | ENV.01 | 2A    | Double | Existing pile | Bike and Ped |
| 144 | Marker-Bike/Ped       | Downtown-Campus     | [bike pedestrian glyphs] Explore Carbondale / DOWNTOWN-CAMPUS Connector  |                                     | ENV.02 | 2A    | Double | 84"           | Bike and Ped |
| 199 | Directional-Bike/Ped  | Piles Fork Greenway | NB [fa] Brush Hill Preserve, SUPERBLOCK Recreational Complex, Crab Orchard Greenway ,  |                                     | DIR.08 | 2C    | Single | 84"           | Bike Only    |
| 200 | Directional-Bike/Ped  | Piles Fork Greenway | NB [la] Student Center , Student Recreation Center   |                                     | DIR.08 | 2C    | Single | 84"           | Bike Only    |
| 201 | Directional-Bike/Ped  | Piles Fork Greenway | NB [ra] Brush Hill Preserve  |                                     | DIR.08 | 2C    | Single | 84"           | Bike Only    |
| 202 | Marker-Bike/Ped       | Piles Fork Greenway | [bike pedestrian glyphs] Explore Carbondale / PILES FORK Greenway  |                                     | ENV.02 | 2A    | Double | 84"           | Bike and Ped |
| 203 | Map-Bike/Ped          | Piles Fork Greenway | [bike pedestrian glyphs] Explore Carbondale Map [QR code]  | Alternative: Pedestal Map (ORI.03)  | ID.16  | 2A    | Single | 48"           | Bike and Ped |
| 204 | Directional-Bike/Ped  | Piles Fork Greenway | NB [fa] Crab Orchard Greenway , SUPERBLOCK Recreational Complex / SB [ra] SIU Campus, Brush Hill Preserve , Marberry Arboretum |                                     | DIR.08 | 2A    | Double | 48"           | Bike and Ped |

# Message Schedule

| ID  | Type                  | Corridor                                   | Message   | Notes                              | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|--|---|------------------------------------|--------|-------|--------|---------------|--------------|
| 205 | Confirmation-Bike/Ped | Piles Fork Greenway                        | [bike pedestrian glyphs] PILES FORK Greenway  |                                    | ENV.01 | 2A    | Double | Existing pole | Bike and Ped |
| 206 | Confirmation-Bike/Ped | Piles Fork Greenway and Central Connector  | [bike pedestrian glyphs] CENTRAL Connector / PILES FORK Greenway  |                                    | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 207 | Directional-Bike/Ped  | Piles Fork Greenway                        | NB [fa] Crab Orchard Greenway , SUPERBLOCK Recreational Complex [la] Central Connector , Downtown Carbondale  |                                    | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 208 | Directional-Bike/Ped  | Piles Fork Greenway and Central Connector  | EB [la] SUPERBLOCK Recreational Complex [ra] Brush Hill Preserve , Marberry Arboretum   |                                    | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 209 | Directional-Bike/Ped  | Piles Fork Greenway and Central Connector  | SB [fa] Brush Hill Preserve , Marberry Arboretum [ra] SIU Campus, Downtown Carbondale   [ra] CENTRAL Connector  |                                    | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 210 | Directional-Bike/Ped  | Piles Fork Greenway and Central Connector  | NB [fa] Crab Orchard Greenway [ra] SUPERBLOCK Recreational Complex   [ra] CENTRAL Connector / SB [fa] SIU Campus  |                                    | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 211 | Directional-Bike/Ped  | Piles Fork Greenway                        | SB [fa] SIU Campus [la] SUPERBLOCK Recreational Complex / NB [fa] Crab Orchard Greenway   |                                    | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 212 | Confirmation-Bike/Ped | Piles Fork Greenway and Central Connector. | [bike pedestrian glyphs] CENTRAL Connector / PILES FORK Greenway  |                                    | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 213 | Confirmation-Bike/Ped | Piles Fork Greenway                        | [bike pedestrian glyphs] PILES FORK Greenway  |                                    | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 214 | Marker-Bike/Ped       | Piles Fork Greenway                        | [bike pedestrian glyphs] Explore Carbondale / PILES FORK Greenway   |                                    | ENV.02 | 2A    | Double | 84"           | Bike and Ped |
| 215 | Map-Bike/Ped          | Piles Fork Greenway                        | [bike pedestrian glyphs] Explore Carbondale Map [QR code]   | Alternative: Pedestal Map (ORI.03) | ID.16  | 2A    | Single | 48"           | Bike and Ped |
| 216 | Directional-Bike/Ped  | Piles Fork Greenway                        | NB [la] Attucks Park, Pyles Fork Nature Preserve [ra] Crab Orchard Greenway / SB [fa] SUPERBLOCK Recreational Complex , Downtown Carbondale, SIU Campus, Marberry Arboretum |                                    | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 217 | Directional-Bike/Ped  | Piles Fork Greenway                        | EB [fa] Carbondale High School [la] Crab Orchard Greenway / WB [fa] Downtown Carbondale , SIU Campus, Marberry Arboretum  |                                    | DIR.08 | 2A    | Double | Existing pole | Bike and Ped |
| 218 | Confirmation-Bike/Ped | Piles Fork Greenway                        | [bike pedestrian glyphs] PILES FORK Greenway  |                                    | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 219 | Confirmation-Bike/Ped | Crab Orchard Greenway                      | [bike pedestrian glyphs] CRAB ORCHARD Greenway  | NB and SB. Mount on existing pole. | ENV.01 | 2A    | Double | Existing Pole | Bike and Ped |
| 220 | Marker-Bike/Ped       | Crab Orchard Greenway                      | [bike pedestrian glyphs] Explore Carbondale / CRAB ORCHARD Greenway   |                                    | ENV.02 | 2A    | Double | 84"           | Bike and Ped |
| 221 | Map-Bike/Ped          | Crab Orchard Greenway                      | [bike pedestrian glyphs] Explore Carbondale Map [QR code]   | Alternative: Pedestal Map (ORI.03) | ID.16  | 2A    | Single | 48"           | Bike and Ped |
| 222 | Directional-Bike/Ped  | Crab Orchard Greenway                      | EB [fa] Crab Orchard Lake , John A. Logan College / WB [la] Piles Fork Greenway , SUPERBLOCK Recreational Complex   |                                    | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 223 | Confirmation-Bike/Ped | Crab Orchard Greenway                      | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |                                    | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 224 | Confirmation-Bike/Ped | Crab Orchard Greenway                      | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |                                    | ENV.01 | 2A    | Double | 84"           | Bike and Ped |

| ID  | Type                  | Corridor                      | Message   | Notes                              | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|-------------------------------|---|------------------------------------|--------|-------|--------|---------------|--------------|
| 225 | Confirmation-Bike/Ped | Crab Orchard Greenway         | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |                                    | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 226 | Confirmation-Bike/Ped | Crab Orchard Greenway         | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |                                    | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 227 | Confirmation-Bike/Ped | Crab Orchard Greenway         | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |                                    | ENV.01 | 2A    | Double | 84"           | Bike and Ped |
| 228 | Marker-Bike/Ped       | Crab Orchard Greenway         | [bike pedestrian glyphs] Explore Carbondale / CRAB ORCHARD Greenway   |                                    | ENV.02 | 2A    | Double | 84"           | Bike and Ped |
| 231 | Map-Bike/Ped          | Crab Orchard Greenway         | [bike pedestrian glyphs] Explore Carbondale Map [QR code]   | Alternative: Pedestal Map (ORI.03) | ID.16  | 2A    | Single | 48"           | Bike and Ped |
| 237 | Map-Bike/Ped          | Chautauqua Bottoms            | [bike pedestrian glyphs] Explore Carbondale Map [QR code]   | Alternative: Pedestal Map (ORI.03) | ID.16  | 2B    | Single | 48"           | Bike and Ped |
| 238 | Directional-Bike/Ped  | Chautauqua Bottoms and Saluki | EB [la] Continue Sycamore-Oak Connector , SIH Memorial Hospital, Downtown Carbondale, Crab Orchard Greenway [ra] Parrish Park   [ra] CHAUTAUQUA BOTTOMS Connector / WB [fa] Saluki Greenway, Southern |                                    | DIR.08 | 2B    | Double | 48"           | Bike and Ped |
| 239 | Confirmation-Bike/Ped | Sycamore-Oak                  | EB [bike glyph] SYCAMORE-OAK Connector  | EB only.                           | ENV.01 | 2C    | Single | Existing pole | Bike only    |
| 240 | Directional-Bike/Ped  | Sycamore-Oak                  | EB [ra] Lenus Turley Park   |                                    | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 241 | Directional-Bike/Ped  | Sycamore-Oak                  | EB [la ra] Green Earth Connector [fa] Downtown Carbondale [la] Oakdale Park , Oakland Nature Preserve [ra] SIU Campus   |                                    | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 242 | Directional-Bike/Ped  | Sycamore-Oak                  | WB [la ra] Green Earth Connector [fa] Saluki Greenway [ra] Oakdale Park , Oakland Nature Preserve [la] SIU Campus   |                                    | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 243 | Directional-Bike/Ped  | Sycamore-Oak                  | EB [ra] SIH Memorial Hospital , Public Library , SIU Campus   [ra] SYCAMORE-OAK Connector   |                                    | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 244 | Directional-Bike/Ped  | Sycamore-Oak                  | WB [la] Public Library , SIU Campus [ra] Saluki Greenway   [ra] SYCAMORE-OAK Connector  | Mount on existing pole             | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 245 | Confirmation-Bike/Ped | Sycamore-Oak                  | EB [bike glyph] SYCAMORE-OAK Connector  | EB only.                           | ENV.01 | 2C    | Single | Existing pole | Bike only    |
| 246 | Directional-Bike/Ped  | Sycamore-Oak                  | SB [fa] Public Library , SIU Campus [la] SIH Memorial Hospital , Downtown Carbondale   [la] SYCAMORE-OAK Connector  | Mount on existing pole             | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 247 | Directional-Bike/Ped  | Sycamore-Oak                  | EB [fa] Crab Orchard Greenway [ra] Downtown-Campus Connector, The Square, SIU Campus  |                                    | DIR.08 | 2C    | Single | Existing pole | Bike and Ped |
| 248 | Directional-Bike/Ped  | Sycamore-Oak                  | WB [fa] SIH Memorial Hospital, Saluki Greenway [la] Downtown-Campus Connector, The Square, SIU Campus   | Mount on existing pole             | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 249 | Directional-Bike/Ped  | Sycamore-Oak                  | EB [la-ra] Piles Fork Greenway [fa] Crab Orchard Greenway [la] Attucks Parks , Pyles Fork Nature Preserve   |                                    | DIR.08 | 2C    | Single | Existing pole | Bike and Ped |
| 250 | Directional-Bike/Ped  | Piles Fork Greenway           | SB [la] Crab Orchard Greenway   [la] PILES FORK Greenway  |                                    | DIR.08 | 2C    | Single | Existing Post | Bike and Ped |
| 251 | Confirmation-Bike/Ped | Piles Fork Greenway           | NB [bike pedestrian glyphs] PILES FORK Greenway   | NB only.                           | ENV.01 | 2C    | Single | Existing post | Bike and Ped |

# Message Schedule

| ID  | Type                  | Corridor                       | Message  | Notes    | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|--------------------------------|--|----------|--------|-------|--------|---------------|--------------|
| 252 | Confirmation-Bike/Ped | Piles Fork Greenway            | [bike pedestrian glyphs] PILES FORK Greenway   | NB only. | ENV.01 | 2C    | Single | Existing post | Bike and Ped |
| 253 | Directional-Bike/Ped  | Sycamore-Oak                   | NB [la-ra] Sycamore-Oak Connector [fa] Attucks Park , Pyles Fork Nature Preserve, Thomas Elementary School   |          | DIR.08 | 2C    | Single | 84"           | Bike and Ped |
| 254 | Directional-Bike/Ped  | Sycamore-Oak                   | WB [fa] SIH Memorial Hospital, Saluki Greenway   |          | DIR.08 | 2C    | Single | 84"           | Bike and Ped |
| 255 | Directional-Bike/Ped  | Sycamore-Oak                   | NB [la] Continue Sycamore-Oak Connector  |          | DIR.08 | 2C    | Single | Existing pole | Bike only    |
| 256 | Directional-Bike/Ped  | Chautauqua Bottoms and Saluki  | WB [ra] Saluki Greenway , Southern Illinois Airport   [ra] CHAUTAUQUA BOTTOMS Connector / EB [fa] Parrish Park, Downtown Carbondale, SIU Campus, Crab Orchard Greenway |          | DIR.08 | 2B    | Double | 48"           | Bike and Ped |
| 257 | Confirmation-Bike/Ped | Sycamore-Oak                   | EB [bike glyph] SYCAMORE-OAK Connector   | EB only. | ENV.01 | 2C    | Single | Existing pole | Bike only    |
| 258 | Confirmation-Bike/Ped | Sycamore-Oak                   | WB [bike glyph] SYCAMORE-OAK Connector   | WB only. | ENV.01 | 2C    | Single | Existing pole | Bike only    |
| 259 | Confirmation-Bike/Ped | Sycamore-Oak                   | NB [bike glyph] SYCAMORE-OAK Connector   | NB only. | ENV.01 | 2C    | Single | 84"           | Bike only    |
| 260 | Confirmation-Bike/Ped | Sycamore-Oak                   | WB [bike glyph] SYCAMORE-OAK Connector   | WB only  | ENV.01 | 2C    | Single | Existing pole | Bike only    |
| 261 | Confirmation-Bike/Ped | Sycamore-Oak                   | EB [bike pedestrian glyphs] SYCAMORE-OAK Connector   | EB only. | ENV.01 | 2C    | Single | Existing pole | Bike and Ped |
| 262 | Confirmation-Bike/Ped | Piles Fork Greenway            | [bike pedestrian glyphs] PILES FORK Greenway   | SB only. | ENV.01 | 2C    | Single | Existing post | Bike and Ped |
| 263 | Confirmation-Bike/Ped | Sycamore-Oak                   | WB [bike pedestrian glyphs] SYCAMORE-OAK Connector   | WB only. | ENV.01 | 2C    | Single | 84"           | Bike and Ped |
| 264 | Confirmation-Bike/Ped | Sycamore-Oak                   | SB [bike glyph] SYCAMORE-OAK Connector   | SB only. | ENV.01 | 2C    | Single | Existing pole | Bike only    |
| 265 | Confirmation-Bike/Ped | Chautauqua Bottoms             | NB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | NB only. | ENV.01 | 2B    | Single | Existing pole | Bike only    |
| 266 | Directional-Bike/Ped  | Chautauqua Bottoms             | NB [la ra] Green Earth Connector [fa] Southern Illinois Airport [ra] Oakland Nature Preserve   |          | DIR.08 | 2B    | Single | Existing pole | Bike only    |
| 267 | Directional-Bike/Ped  | Chautauqua Bottoms             | SB [la ra] Green Earth Connector [fa] Chautauqua Bottoms Nature Preserve , SIU Campus [la] Oakland Nature Preserve   |          | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 268 | Directional-Bike/Ped  | Chautauqua Bottoms             | SB [la] Parrish Park [ra] Saluki Greenway   [la] CHAUTAUQUA BOTTOMS Connector  |          | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 269 | Directional-Bike/Ped  | Chautauqua Bottoms             | NB [fa] Sycamore-Oak Connector [la] Saluki Greenway, Southern Illinois Airport   [la] CHAUTAUQUA BOTTOMS Connector   |          | DIR.08 | 2B    | Single | 84"           | Bike and Ped |
| 270 | Directional-Bike/Ped  | Central and Chautauqua Bottoms | WB [fa] Parrish Park [la] Chautauqua Bottoms Nature Preserve   [la] CHAUTAUQUA BOTTOMS Connector   |          | DIR.08 | 2B    | Single | Existing pole | Bike Only    |
| 271 | Confirmation-Bike/Ped | Chautauqua Bottoms             | SB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | SB only. | ENV.01 | 2B    | Single | Existing pole | Bike only    |

| ID  | Type                  | Corridor           | Message   | Notes    | Type2  | Phase | Sides  | Mounting | Bike/Ped  |
|-----|-----------------------|--------------------|---|----------|--------|-------|--------|----------|-----------|
| 272 | Directional-Bike/Ped  | Chautauqua Bottoms | SB [la ra] Central Connector [la] SIU Campus , Downtown Carbondale, SUPERBLOCK Recreational Complex [ra] Parrish Park   [ra] CHAUTAUQUA BOTTOMS Connector |          | DIR.08 | 2B    | Single | 84"      | Bike Only |
| 273 | Directional-Bike/Ped  | Chautauqua Bottoms | SB [ra] Chautauqua Bottoms Nature Preserve   [la] CHAUTAUQUA BOTTOMS Connector  |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 274 | Directional-Bike/Ped  | Chautauqua Bottoms | EB [ra] Continue Chautauqua Bottoms Connector   |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 275 | Confirmation-Bike/Ped | Chautauqua Bottoms | SB [bike glyph] CHAUTAUQUA BOTTOMS Connector  | SB only. | ENV.01 | 2B    | Single | 84"      | Bike only |
| 276 | Directional-Bike/Ped  | Chautauqua Bottoms | SB [la] SIU Campus [ra] Chautauqua Bottoms Nature Preserve   [la] CHAUTAUQUA BOTTOMS Connector  |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 277 | Directional-Bike/Ped  | Chautauqua Bottoms | EB [fa] SIU Campus [ra] Evergreen Park   [ra] CHAUTAUQUA BOTTOMS Connector  |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 278 | Confirmation-Bike/Ped | Chautauqua Bottoms | EB [bike glyph] CHAUTAUQUA BOTTOMS Connector  | EB only. | ENV.01 | 2B    | Single | 84"      | Bike only |
| 279 | Confirmation-Bike/Ped | Chautauqua Bottoms | SB [bike glyph] CHAUTAUQUA BOTTOMS Connector  | SB only. | ENV.01 | 2B    | Single | 84"      | Bike only |
| 280 | Confirmation-Bike/Ped | Chautauqua Bottoms | SB [bike glyph] CHAUTAUQUA BOTTOMS Connector  | SB only. | ENV.01 | 2B    | Single | 84"      | Bike only |
| 281 | Directional-Bike/Ped  | Chautauqua Bottoms | SB [la] Evergreen Park   [la] CHAUTAUQUA BOTTOMS Connector  |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 282 | Directional-Bike/Ped  | Chautauqua Bottoms | EB [fa] Marberry Arboretum [la] Downtown-Campus Connector , SIU Campus , Downtown Carbondale  |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 283 | Directional-Bike/Ped  | Chautauqua Bottoms | WB [fa] Evergreen Park, Chautauqua Bottoms Nature Preserve [ra] Downtown-Campus Connector, SIU Campus, Downtown Carbondale                                |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 284 | Directional-Bike/Ped  | Chautauqua Bottoms | WB [ra] Chautauqua Bottoms Nature Preserve, Saluki Greenway   [ra] CHAUTAUQUA BOTTOMS Connector   |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 285 | Confirmation-Bike/Ped | Chautauqua Bottoms | NB [bike glyph] CHAUTAUQUA BOTTOMS Connector  | NB only. | ENV.01 | 2B    | Single | 84"      | Bike only |
| 286 | Confirmation-Bike/Ped | Chautauqua Bottoms | NB [bike glyph] CHAUTAUQUA BOTTOMS Connector  | NB only. | ENV.01 | 2B    | Single | 84"      | Bike only |
| 287 | Directional-Bike/Ped  | Chautauqua Bottoms | NB [la] Chautauqua Bottoms Nature Preserve [ra] SIU Campus   [la] CHAUTAUQUA BOTTOMS Connector  |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 288 | Confirmation-Bike/Ped | Chautauqua Bottoms | WB [bike glyph] CHAUTAUQUA BOTTOMS Connector  | WB only. | ENV.01 | 2B    | Single | 84"      | Bike only |
| 289 | Directional-Bike/Ped  | Chautauqua Bottoms | WB [fa] Chautauqua Bottoms Nature Preserve [ra] Saluki Greenway   [ra] CHAUTAUQUA BOTTOMS Connector   |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 290 | Directional-Bike/Ped  | Chautauqua Bottoms | NB [la] Continue Chautauqua Bottoms Connector   |          | DIR.08 | 2B    | Single | 84"      | Bike only |
| 291 | Directional-Bike/Ped  | Chautauqua Bottoms | WB [fa] Chautauqua Bottoms Nature Preserve   [ra] CHAUTAUQUA BOTTOMS Connector  |          | DIR.08 | 2B    | Single | 84"      | Bike only |

# Message Schedule

| ID  | Type                  | Corridor                      | Message  | Notes                              | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|-------------------------------|--|------------------------------------|--------|-------|--------|---------------|--------------|
| 292 | Confirmation-Bike/Ped | Chautauqua Bottoms            | NB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | NB only.                           | ENV.01 | 2B    | Single | 84"           | Bike only    |
| 293 | Directional-Bike/Ped  | Chautauqua Bottoms            | NB [la ra] Central Connector [la] Parrish Park   [ra] CHAUTAUQUA BOTTOMS Connector                                   |                                    | DIR.08 | 2B    | Single | 84"           | Bike Only    |
| 294 | Confirmation-Bike/Ped | Chautauqua Bottoms            | NB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | NB Only                            | ENV.01 | 2B    | Single | 84"           | Bike only    |
| 295 | Confirmation-Bike/Ped | Chautauqua Bottoms and Saluki | [bike pedestrian glyphs] CHAUTAUQUA BOTTOMS Connector and SALUKI Greenway  |                                    | ENV.01 | 2B    | Double | 84"           | Bike and Ped |
| 296 | Map-Bike/Ped          | Chautauqua Bottoms            | [bike pedestrian glyphs] Explore Carbondale Map [QR code]  | Alternative: Pedestal Map (ORI.03) | ID.16  | 2B    | Single | 48"           | Bike and Ped |
| 297 | Map-Bike/Ped          | Chautauqua Bottoms            | [bike pedestrian glyphs] Explore Carbondale Map [QR code]  | Alternative: Pedestal Map (ORI.03) | ID.16  | 2B    | Single | 48"           | Bike and Ped |
| 298 | Directional-Bike/Ped  | Central                       | EB [fa] Parrish Park , SIU Campus, Downtown Carbondale, SUPERBLOCK Recreational Complex                              |                                    | DIR.08 | 2B    | Single | 84"           | Bike Only    |
| 299 | Confirmation-Bike/Ped | Central                       | EB [bike glyph] CENTRAL Connector  | EB only.                           | ENV.01 | 2B    | Single | 84"           | Bike only    |
| 300 | Confirmation-Bike/Ped | Central                       | EB [bike glyph] CENTRAL Connector  | EB only                            | ENV.01 | 2B    | Single | 84"           | Bike only    |
| 301 | Directional-Bike/Ped  | Central                       | EB [fa-ra] Chautauqua Bottoms Connector [ra] Chautauqua Bottoms Nature Preserve                                      |                                    | DIR.08 | 2B    | Single | 84"           | Bike Only    |
| 302 | Directional-Bike/Ped  | Central                       | EB [ra] SIU Campus , Downtown Carbondale, SUPERBLOCK Recreational Complex   [ra] CENTRAL Connector                   |                                    | DIR.08 | 2B    | Single | 84"           | Bike Only    |
| 303 | Confirmation-Bike/Ped | Central                       | EB [bike glyph] CENTRAL Connector  | EB only.                           | ENV.01 | 2B    | Single | 84"           | Bike only    |
| 304 | Directional-Bike/Ped  | Central                       | EB [ra] Continue Central Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 305 | Directional-Bike/Ped  | Central                       | SB [la] Continue Central Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 306 | Directional-Bike/Ped  | Central                       | EB [ra] Continue Central Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 307 | Directional-Bike/Ped  | Central                       | SB [la] Continue Central Connector   |                                    | DIR.08 | 2B    | Single | Existing pole | Bike only    |
| 308 | Directional-Bike/Ped  | Central                       | EB [la] SIU Campus, Downtown Carbondale, SUPERBLOCK Recreational Complex   [la] CENTRAL Connector                    |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 309 | Directional-Bike/Ped  | Central                       | NB [la-ra] Central Connector [la] Parrish Park [ra] SIU Campus, Downtown Carbondale, SUPERBLOCK Recreational Complex |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 310 | Directional-Bike/Ped  | Central                       | EB [la-ra] Green Earth Connector [ra] SIU Campus   [la] CENTRAL Connector  |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 311 | Directional-Bike/Ped  | Central                       | EB [la] Public Library , SIH Memorial Hospital [fa] Downtown Carbondale , SUPERBLOCK Recreational Complex            |                                    | DIR.08 | 2B    | Single | 84"           | Bike and Ped |

| ID  | Type                  | Corridor                         | Message  | Notes                               | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|----------------------------------|--|-------------------------------------|--------|-------|--------|---------------|--------------|
| 312 | Directional-Bike/Ped  | Central                          | WB [ra] Public Library , SIH Memorial Hospital [fa] Parrish Park   |                                     | DIR.08 | 2B    | Single | Existing pole | Bike and Ped |
| 313 | Directional-Bike/Ped  | Central                          | EB [fa] The Strip, Student Recreation Center, SUPERBLOCK Recreational Complex  |                                     | DIR.08 | 2B    | Single | 84"           | Bike and Ped |
| 314 | Directional-Bike/Ped  | Central                          | EB [la ra] Downtown-Campus Connector [fa] Piles Fork Greenway, SUPERBLOCK Recreational Complex [ra] Student Recreation Center                                      |                                     | DIR.08 | 2A    | Single | Existing pole | Bike and Ped |
| 315 | Confirmation-Bike/Ped | Central                          | EB [bike glyph] CENTRAL Connector  | EB only.                            | ENV.01 | 2A    | Single | Existing pole | Bike only    |
| 316 | Directional-Bike/Ped  | Central                          | EB [fa] Piles Fork Greenway , SUPERBLOCK Recreational Complex [la] Attucks Park , Piles Fork Nature Preserve   [fa] CENTRAL Connector                              | Evaluate to mount on existing pole. | DIR.08 | 2A    | Single | Existing Pole | Bike and Ped |
| 317 | Directional-Bike/Ped  | Central and Piles Forks Greenway | WB [fa] Downtown Carbondale, SIU Campus, Parrish Park [ra] Attucks Park , Pyles Fork Nature Preserve   [fa] CENTRAL Connector / EB SUPERBLOCK Recreational Complex |                                     | DIR.08 | 2A    | Double | 48"           | Bike and Ped |
| 318 | Confirmation-Bike/Ped | Central                          | EB [bike pedestrian glyphs] CENTRAL Connector  | EB Only                             | ENV.01 | 2A    | Single | 84"           | Bike and Ped |
| 319 | Confirmation-Bike/Ped | Central                          | EB [bike pedestrian glyphs] CENTRAL Connector  | EB only.                            | ENV.01 | 2A    | Single | Existing pole | Bike and Ped |
| 320 | Directional-Bike/Ped  | Citywide                         | NB [la-ra] Central Connector [fa] Crab Orchard Greenway [la] Downtown Carbondale, SIU Campus, Parrish Park [ra] SUPERBLOCK Recreational Complex                    |                                     | DIR.08 | 2A    | Single | Existing pole | Bike only    |
| 322 | Confirmation-Bike/Ped | Central                          | WB [bike pedestrian glyphs] CENTRAL Connector  | WB only.                            | ENV.01 | 2A    | Single | 84"           | Bike and Ped |
| 323 | Directional-Bike/Ped  | Central                          | WB [la ra] Piles Fork Greenway [la] SIU Campus [ra] Crab Orchard Greenway   [la] CENTRAL Connector   |                                     | DIR.08 | 2A    | Single | 48"           | Bike and Ped |
| 324 | Confirmation-Bike/Ped | Central                          | WB [bike pedestrian glyphs] CENTRAL Connector  | WB only.                            | ENV.01 | 2A    | Single | 84"           | Bike and Ped |
| 325 | Confirmation-Bike/Ped | Central                          | WB [bike pedestrian glyphs] CENTRAL Connector  | WB only.                            | ENV.01 | 2A    | Single | 84"           | Bike and Ped |
| 326 | Directional-Bike/Ped  | Central                          | WB [la-ra] Green Earth Connector [la] Parrish Park [ra] Oakland Nature Preserve   [la] CENTRAL Connector   |                                     | DIR.08 | 2B    | Single | 84"           | Bike and Ped |
| 327 | Directional-Bike/Ped  | Central and Oakland              | SB [ra] Parrish Park   [ra] CENTRAL Connector  |                                     | DIR.08 | 2B    | Single | 84"           | Bike and Ped |
| 328 | Directional-Bike/Ped  | Central                          | WB [ra] Parrish Park   [ra] CENTRAL Connector  |                                     | DIR.08 | 2B    | Single | Existing pole | Bike only    |
| 329 | Confirmation-Bike/Ped | Central                          | NB [bike glyph] CENTRAL Connector  | NB only.                            | ENV.01 | 2B    | Single | 84"           | Bike only    |
| 330 | Directional-Bike/Ped  | Central                          | NB [la] Continue Central Connector   |                                     | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 331 | Directional-Bike/Ped  | Central                          | WB [fa] Downtown Carbondale, SIU Campus , Parrish Park [la] Lewis Elementary School, Bush Hill Preserve [ra] Crab Orchard Greenway                                 |                                     | DIR.08 | 2A    | Single | 84"           | Bike and Ped |
| 332 | Directional-Bike/Ped  | Central                          | NB [la] Continue Central Connector   |                                     | DIR.08 | 2B    | Single | Existing pole | Bike only    |

# Message Schedule

| ID  | Type                  | Corridor | Message  | Notes                              | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|----------|--|------------------------------------|--------|-------|--------|---------------|--------------|
| 333 | Confirmation-Bike/Ped | Central  | WB [bike glyph] CENTRAL Connector  | WB only.                           | ENV.01 | 2B    | Single | 84"           | Bike only    |
| 334 | Directional-Bike/Ped  | Central  | NB [la] Parrish Park [ra] Lenus Turley Park   [la] CENTRAL Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 335 | Confirmation-Bike/Ped | Central  | WB [bike glyph] CENTRAL Connector  | SB only                            | ENV.01 | 2B    | Single | Existing pole | Bike only    |
| 336 | Directional-Bike/Ped  | Central  | WB [ra] Parrish Elementary School  |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 337 | Directional-Bike/Ped  | Central  | EB [la] Parrish Elementary School  |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 338 | Confirmation-Bike/Ped | Oakland  | NB [bike pedestrian glyphs] OAKLAND Connector  | NB only.                           | ENV.01 | 2B    | Single | 84"           | Bike and Ped |
| 339 | Confirmation-Bike/Ped | Oakland  | SB [bike pedestrian glyphs] OAKLAND Connector  | SB only.                           | ENV.01 | 2B    | Single | 84"           | Bike and Ped |
| 340 | Directional-Bike/Ped  | Oakland  | NB [fa] Oakland Nature Preserve  |                                    | DIR.08 | 2B    | Single | Existing pole | Bike and Ped |
| 341 | Directional-Bike/Ped  | Oakland  | NB [fa] Oakland Nature Preserve  |                                    | DIR.08 | 2B    | Single | 84"           | Bike and Ped |
| 342 | Directional-Bike/Ped  | Oakland  | NB [la ra] Sycamore-Oak Connector [fa] Oakdale Park , Oakland Nature Preserve [la] Saluki Greenway [ra] SIH Memorial Hospital, Downtown Carbondale |                                    | DIR.08 | 2B    | Single | 84"           | Bike and PEd |
| 343 | Directional-Bike/Ped  | Oakland  | NB [la] Continue Oakland Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike and Ped |
| 344 | Directional-Bike/Ped  | Oakland  | NB [ra] Continue Oakland Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 345 | Directional-Bike/Ped  | Oakland  | EB [la] Continue Oakland Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 346 | Marker-Bike/Ped       | Oakland  | [bike pedestrian glyphs] Explore Carbondale / OAKLAND Connector  |                                    | ENV.02 | 2B    | Double | 84"           | Bike and Ped |
| 347 | Map-Bike/Ped          | Oakland  | [bike pedestrian glyphs] Explore Carbondale Map [QR code]  | Alternative: Pedestal Map (ORI.03) | ID.16  | 2B    | Single | 48"           | Bike and Ped |
| 348 | Directional-Bike/Ped  | Oakland  | WB [fa] Southern Illinois Airport / EB [ra] Oakdale Park , SIU Campus   [ra] OAKLAND Connector   |                                    | DIR.08 | 2B    | Double | 48"           | Bike and Ped |
| 349 | Marker-Bike/Ped       | Oakland  | [bike pedestrian glyphs] OAKLAND Connector   |                                    | ENV.01 | 2B    | Double | 84"           | Bike and Ped |
| 350 | Directional-Bike/Ped  | Oakland  | WB [la ra] Chautauqua Bottoms Connector [la] Parrish Park [ra] Southern Illinois Airport / EB [fa] Oakland Nature Preserve                         |                                    | DIR.08 | 2B    | Double | 48"           | Bike and Ped |
| 351 | Directional-Bike/Ped  | Oakland  | SB [ra] Continue Oakland Connector   |                                    | DIR.08 | 2B    | Single | 84"           | Bike only    |
| 352 | Confirmation-Bike/Ped | Oakland  | SB [bike pedestrian glyphs] OAKLAND Connector  | SB only.                           | ENV.01 | 2B    | Single | 84"           | Bike and Ped |

| ID  | Type                  | Corridor              | Message   | Notes  | Type2   | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|-----------------------|---|--|---------|-------|--------|---------------|--------------|
| 353 | Directional-Bike/Ped  | Oakland               | EB [ra] Continue Oakland Connector  |  | DIR.08  | 2B    | Single | 84"           | Bike and Ped |
| 354 | Directional-Bike/Ped  | Oakland               | SB [la ra] Sycamore-Oak Connector , [fa] SIU Campus [la] SIH Memorial Hospital , Downtown Carbondale [ra] Saluki Greenway             |  | DIR.08  | 2B    | Single | 84"           | Bike and Ped |
| 355 | Directional-Bike/Ped  | Oakland               | SB [fa] SIU Campus , Downtown Carbondale via Central Connector  |  | DIR.08  | 2B    | Single | Existing pole | Bike and Ped |
| 356 | Directional-Bike/Ped  | Oakland               | SB [fa] SIU Campus , Downtown Carbondale via Central Connector  |  | DIR.08  | 2B    | Single | 84"           | Bike and Ped |
| 357 | Directional-Bike/Ped  | Oakland               | SB [fa-la] Central Connector [fa] SIU Campus [la] Downtown Carbondale , SUPERBLOCK Recreational Complex                               |  | DIR.08  | 2B    | Single | 84"           | Bike and Ped |
| 362 | Directional-Bike/Ped  | Piles Fork Greenway   | WB [fa] Student Recreation Center [la] Brush Hill Preserve , Marberry Arboretum / EB [la] Continue Piles Fork Greenway                | TBD based on final Grand bike treatment.                   | DIR.08  | 2A    | Double | TBD           | Bike and Ped |
| 363 | Directional-Bike/Ped  | Piles Fork Greenway   | NB [fa] Attucks Park [la] Student Recreation Center   [ra] PILES FORK Greenway  |  | DIR.08  | 2C    | Single | 84"           | Bike only    |
| 364 | Directional-Bike/Ped  | Piles Fork Greenway   | SB [fa] Marberry Arboretum [la] Brush Hill Preserve [ra] Student Center   |  | DIR.08  | 2C    | Single | Existing pole | Bike only    |
| 368 | Confirmation-Bike/Ped | Crab Orchard Greenway | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |  | ENV.01  | 2A    | Double | 84"           | Bike and Ped |
| 369 | Confirmation-Bike/Ped | Crab Orchard Greenway | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |  | ENV.01  | 2A    | Double | 84"           | Bike and Ped |
| 370 | Confirmation-Bike/Ped | Crab Orchard Greenway | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |  | ENV.01  | 2A    | Double | 84"           | Bike and Ped |
| 371 | Confirmation-Bike/Ped | Crab Orchard Greenway | [bike pedestrian glyphs] CRAB ORCHARD Greenway  |  | ENV.01  | 2A    | Double | 84"           | Bike and Ped |
| 372 | Map-Bike/Ped          | Crab Orchard Greenway | [bike pedestrian glyphs] Explore Carbondale Map [QR code]   | Alternative: Pedestal Map (ORI.03)                         | ID.16   | 2A    | Single | 48"           | Bike and Ped |
| 373 | Directional-Bike/Ped  | Crab Orchard Greenway | EB [fa] John A Logan College , Marion [ra] Crab Orchard Lake / WB [fa] Carbondale   |  | DIR.08  | 2A    | Double | 48"           | Bike and Ped |
| 374 | MileMarker-Bike/Ped   | Crab Orchard Greenway |   |  | ID.15.a | 2A    |        |               |              |
| 375 | MileMarker-Bike/Ped   | Crab Orchard Greenway |   |  | ID.15.a | 2A    |        |               |              |
| 383 | Directional-Bike/Ped  | Downtown-Campus       | EB [la-ra] Downtown-Campus Connector [fa] Piles Fork Greenway [la] Student Recreation Center, Downtown Carbondale [ra] Student Center |  | DIR.08  |       | Single | 48"           | Bike and Ped |
| 384 | Directional-Bike/Ped  | Downtown-Campus       | WB [la-ra] Downtown-Campus Connector [fa] SIU Main Campus [la] Student Center [ra] Student Recreation Center                          |  | DIR.08  |       | Single | 48"           | Bike and Ped |
| 385 | Directional-Bike/Ped  | Chautauqua Bottoms    | EB [fa] Giant City Road [la] Piles Fork Greenway [ra] Marberry Arboretum  |  | DIR.08  |       | Single | 84"           | Bike Only    |
| 386 | Directional-Bike/Ped  | Chautauqua Bottoms    | WB [fa] SIU Campus, Evergreen Park [la] Marberry Arboretum, [ra] Piles Fork Greenway  | Evaluate opportunity to mount on existing school zone sign | DIR.08  |       | Single | 84"           | Bike Only    |

# Message Schedule

| ID  | Type                  | Corridor                        | Message  | Notes   | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|---------------------------------|--|---|--------|-------|--------|---------------|--------------|
| 388 | Directional-Bike/Ped  | Piles Fork Greenway             | NB [la-ra] Chautauqua Bottoms Connector [la] Evergreen Park [ra] Giant City Road   [fa] PILES FORK Greenway  |   | DIR.08 |       | Single | 84"           | Bike Only    |
| 389 | Directional-Bike/Ped  | Piles Fork Greenway             | SB [la-ra] Chautauqua Bottoms Connector [fa] Marberry Arboretum [la] Giant City Road [ra] Evergreen Park   | Evaluate opportunity to mount on existing bus stop sign | DIR.08 |       | Single | 84"           | Bike Only    |
| 390 | Directional-Bike/Ped  | Citywide                        | WB [la] Marberry Arboretum [ra] Attucks Park   |   | DIR.08 |       | Single | 84"           | Bike Only    |
| 391 | Directional-Bike/Ped  | Citywide                        | EB [fa-ra] Piles Fork Greenway [la] Attucks Park [ra] Marberry Arboretum / WB [fa] Student Recreation Center, Downtown Carbondale                            |   | DIR.08 |       | Double | Existing Pole | Bike and Ped |
| 392 | Directional-Bike/Ped  | Citywide                        | SB [fa-la] Piles Fork Greenway [fa] Brush Hill Preserve, Marberry Arboretum [ra] Student Recreation Center   |   | DIR.08 |       | Single | Existing Pole | Bike Only    |
| 393 | Directional-Bike/Ped  | Citywide                        | WB [fa-ra] Piles Fork Greenway [fa] SIU Campus, Student Center / EB [fa] Giant City Road   |   | DIR.08 |       | Double | 84"           | Bike only    |
| 394 | Confirmation-Bike/Ped | Piles Fork Greenway and Central | [bike pedestrian glyphs] CENTRAL Connector / PILES FORK Greenway   |   | ENV.01 |       | Double | Existing Pole | Bike and Ped |
| 396 | Confirmation-Bike/Ped | Piles Fork Greenway             | [bike pedestrian glyphs] PILES FORK Greenway   |   | ENV.01 |       | Double | Existing Pole | Bike and Ped |
| 397 | Directional-Bike/Ped  | Piles Fork Greenway             | WB [ra] Attucks Park, Pyles Fork Nature Preserve   |   | DIR.08 |       | Single | Existing Post | Bike and Ped |
| 398 | Directional-Bike/Ped  | Piles Fork Greenway             | NB [fa] Thomas Elementary School [ra] Attucks Park, Pyles Fork Nature Preserve   |   | DIR.08 |       | Single | Existing pole | Bike and Ped |
| 399 | Directional-Bike/Ped  | Piles Fork Greenway             | EB [fa] Crab Orchard Greenway [ra] SUPERBLOCK Recreational Complex, Downtown Carbondale, SIU Campus, Marberry Arboretum                                      |   | DIR.08 |       | Single | 48"           | Bike and Ped |
| 400 | Directional-Bike/Ped  | Piles Fork Greenway             | WB [fa] Attucks Park, Pyles Fork Nature Preserve [la] SUPERBLOCK Recreational Complex, Downtown Carbondale, SIU Campus, Marberry Arboretum                   |   | DIR.08 |       | Single | 48"           | Bike and Ped |
| 401 | Confirmation-Bike/Ped | Central                         | WB [bike glyph] CENTRAL Connector  | WB only.  | ENV.01 |       | Single | Existing pole | Bike only    |
| 402 | Directional-Bike/Ped  | Central and Chautauqua Bottoms  | EB [fa] SIU Campus, Downtown Carbondale, SUPERBLOCK Recreational Complex [la] Saluki Greenway, Southern Illinois Airport   [la] CHAUTAUQUA BOTTOMS Connector |   | DIR.08 |       | Single | 84"           | Bike only    |
| 403 | Directional-Bike/Ped  | Central                         | WB [fa-ra] Chautauqua Bottoms Connector [fa] Parrish Park [ra] Saluki Greenway   |   | DIR.08 |       | Single | 84"           | Bike only    |
| 404 | Confirmation-Bike/Ped | Central                         | SB [bike glyph] CENTRAL Connector  | SB only   | ENV.01 |       | Single | 84"           | Bike only    |
| 405 | Confirmation-Bike/Ped | Central                         | WB [bike glyph] CENTRAL Connector  | WB only   | ENV.01 |       | Single | 84"           | Bike only    |
| 406 | Confirmation-Bike/Ped | Chautauqua Bottoms              | SB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | SB only   | ENV.01 |       | Single | 84"           | Bike only    |
| 407 | Confirmation-Bike/Ped | Central                         | SB [bike glyph] CENTRAL Connector  |   | ENV.01 |       | Single | Existing pole | Bike only    |
| 408 | Directional-Bike/Ped  | Oakland                         | NB [la-fa] Central Connector [fa] Oakland Nature Preserve [la] Parrish Park  |   | DIR.08 |       | Single | 84"           | Bike and Ped |

| ID  | Type                  | Corridor                      | Message  | Notes   | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|-------------------------------|--|---------|--------|-------|--------|---------------|--------------|
| 409 | Confirmation-Bike/Ped | Central                       | WB [bike glyph] CENTRAL Connector  | WB only | ENV.01 |       | Single | Existing pole | Bike only    |
| 410 | Confirmation-Bike/Ped | Oakland                       | SB [bike pedestrian glyphs] OAKLAND Connector  | SB only | ENV.01 |       | Single | Existing pole | Bike and Ped |
| 411 | Directional-Bike/Ped  | Central                       | EB [fa] Student Recreation Center, SUPERBLOCK Recreational Complex [la] The Strip, City Hall   |         | DIR.08 |       | Single | Existing pole | Bike and Ped |
| 412 | Directional-Bike/Ped  | Central                       | WB [fa] Parrish Park [ra] The Strip, City Hall   |         | DIR.08 |       | Single | Existing pole | Bike and Ped |
| 413 | Directional-Bike/Ped  | Citywide                      | SB [la-ra] Central Connector [ra] Bush Hill Preserve [la] SUPERBLOCK Recreational Complex [ra] Downtown Carbondale, SIU Campus, Parrish Park |         | DIR.08 |       | Single | 84"           | Bike only    |
| 414 | Directional-Bike/Ped  | Central                       | EB [fa] SUPERBLOCK Recreational Complex [la] Crab Orchard Greenway [ra] Lewis Elementary School, Bush Hill Preserve                          |         | DIR.08 |       | Single | 84"           | Bike only    |
| 415 | Directional-Bike/Ped  | Central                       | EB [fa] Super Splash Park [la] Carbondale High School  |         | DIR.08 |       | Single | Existing pole | Bike only    |
| 416 | Directional-Bike/Ped  | Central                       | WB [ra] Carbondale High School   |         | DIR.08 |       | Single | 84"           | Bike only    |
| 417 | Directional-Bike/Ped  | Citywide                      | EB [fa] Carbondale High School   |         | DIR.08 |       | Single | Existing pole | Bike and Ped |
| 418 | Directional-Bike/Ped  | Citywide                      | EB [la] Carbondale High School   |         | DIR.08 |       | Single | Existing pole | Bike and Ped |
| 419 | Directional-Bike/Ped  | Central                       | EB [ra] Carbondale Middle School   |         | DIR.08 |       | Single | Existing Pole | Bike Only    |
| 420 | Directional-Bike/Ped  | Central                       | WB [la] Carbondale Middle School   |         | DIR.08 |       | Single | 84"           | Bike only    |
| 421 | Confirmation-Bike/Ped | Chautauqua Bottoms            | SB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | SB only | ENV.01 |       | Single | Existing pole | Bike only    |
| 422 | Marker-Bike/Ped       | Chautauqua Bottoms and Saluki | [bike pedestrian glyphs] Explore Carbondale / CHAUTAUQUA BOTTOMS Connector and SALUKI Greenway   |         | ENV.02 |       | Double | 84"           | Bike and Ped |
| 423 | Directional-Bike/Ped  | Citywide                      | EB [la-fa] Chautauqua Bottoms Connector [fa] SIU Campus [la] Saluki Greenway   |         | DIR.08 |       | Single | 84"           | Bike only    |
| 424 | Confirmation-Bike/Ped | Chautauqua Bottoms            | NB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | NB only | ENV.01 |       | Single | 84"           | Bike only    |
| 425 | Directional-Bike/Ped  | Chautauqua Bottoms            | WB [fa] Chautauqua Bottoms Nature Preserve, Saluki Greenway [la] Evergreen Park  |         | DIR.08 |       | Single | 84"           | Bike only    |
| 426 | Directional-Bike/Ped  | Citywide                      | EB [la-fa] Chautauqua Bottoms Connector [fa] Evergreen Park, Marberry Arboretum [la] Chautauqua Bottoms Nature Preserve                      |         | DIR.08 |       | Single | Existing pole | Bike only    |
| 427 | Directional-Bike/Ped  | Downtown-Campus               | SB [la-ra] Chautauqua Bottoms Connector [la] Marberry Arboretum [ra] Evergreen Park  |         | DIR.08 |       | Single | 84"           | Bike only    |
| 428 | Directional-Bike/Ped  | Downtown-Campus               | NB [la-ra] Chautauqua Bottoms Connector [fa] SIU Campus, Downtown Carbondale [la] Evergreen Park [ra] Marberry Arboretum                     |         | DIR.08 |       | Single | 84"           | Bike only    |

# Message Schedule

| ID  | Type                  | Corridor           | Message  | Notes   | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|--------------------|--|---------|--------|-------|--------|---------------|--------------|
| 429 | Directional-Bike/Ped  | Chautauqua Bottoms | EB [la] Crab Orchard Greenway [ra] Giant City Park   |         | DIR.08 |       | Single | 84"           | Bike only    |
| 430 | Confirmation-Bike/Ped | Chautauqua Bottoms | WB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | WB only | ENV.01 |       | Single | 84"           | Bike only    |
| 431 | Confirmation-Bike/Ped | Chautauqua Bottoms | EB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | EB only | ENV.01 |       | Single | Existing pole | Bike only    |
| 432 | Confirmation-Bike/Ped | Chautauqua Bottoms | WB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | WB only | ENV.01 |       | Single | 84"           | Bike only    |
| 433 | Confirmation-Bike/Ped | Chautauqua Bottoms | EB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | EB only | ENV.01 |       | Single | Existing pole | Bike only    |
| 434 | Confirmation-Bike/Ped | Chautauqua Bottoms | WB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | WB only | ENV.01 |       | Single | 84"           | Bike only    |
| 435 | Confirmation-Bike/Ped | Chautauqua Bottoms | EB [bike glyph] CHAUTAUQUA BOTTOMS Connector   | EB only | ENV.01 |       | Single | Existing pole | Bike only    |
| 436 | Directional-Bike/Ped  | Chautauqua Bottoms | EB [fa] SIU Campus [la] Green Earth Connector, Downtown Carbondale   |         | DIR.08 |       | Single | 84"           | Bike only    |
| 437 | Confirmation-Bike/Ped | Oakland            | NB [bike pedestrian glyphs] OAKLAND Connector  |         | ENV.01 |       | Single | 84"           | Bike and Ped |
| 438 | Confirmation-Bike/Ped | Oakland            | NB [bike glyph] OAKLAND Connector  |         | ENV.01 |       | Single | 84"           | Bike only    |
| 439 | Confirmation-Bike/Ped | Oakland            | NB [bike glyph] OAKLAND Connector  |         | ENV.01 |       | Single | Existing pole | Bike only    |
| 440 | Confirmation-Bike/Ped | Oakland            | SB [bike pedestrian glyphs] OAKLAND Connector  |         | ENV.01 |       | Single | Existing pole | Bike and Ped |
| 441 | Confirmation-Bike/Ped | Oakland            | NB [bike pedestrian glyphs] OAKLAND Connector  |         | ENV.01 |       | Single | Existing pole | Bike and Ped |
| 442 | Directional-Bike/Ped  | Sycamore-Oak       | WB [la] Lenus Turley Park  |         | DIR.08 |       | Single | 84"           | Bike only    |
| 443 | Confirmation-Bike/Ped | Sycamore-Oak       | EB [bike glyph] SYCAMORE-OAK Connector   | EB only | ENV.01 |       | Single | Existing pole | Bike only    |
| 444 | Confirmation-Bike/Ped | Sycamore-Oak       | EB [bike glyph] SYCAMORE-OAK Connector   | EB only | ENV.01 |       | Single | Existing pole | Bike only    |
| 445 | Directional-Bike/Ped  | Sycamore-Oak       | EB [fa] Crab Orchard Greenway [ra] City Hall, SIU Campus   |         | DIR.08 |       | Single | Existing pole | Bike and Ped |
| 446 | Confirmation-Bike/Ped | Sycamore-Oak       | EB [bike pedestrian glyphs] SYCAMORE-OAK Connector   | EB only | ENV.01 |       | Single | 84"           | Bike and Ped |
| 447 | Directional-Bike/Ped  | Sycamore-Oak       | WB [fa] SIH Memorial Hospital, Saluki Greenway [la] City Hall, SIU Campus  |         | DIR.08 |       | Single | 84"           | Bike and Ped |
| 448 | Directional-Bike/Ped  | Sycamore-Oak       | WB [la-ra] Piles Fork Greenway [fa] Downtown Carbondale, Saluki Greenway [ra] Attucks Park, Pyles Fork Nature Preserve, Thomas Elementary School |         | DIR.08 |       | Single | 84"           | Bike only    |

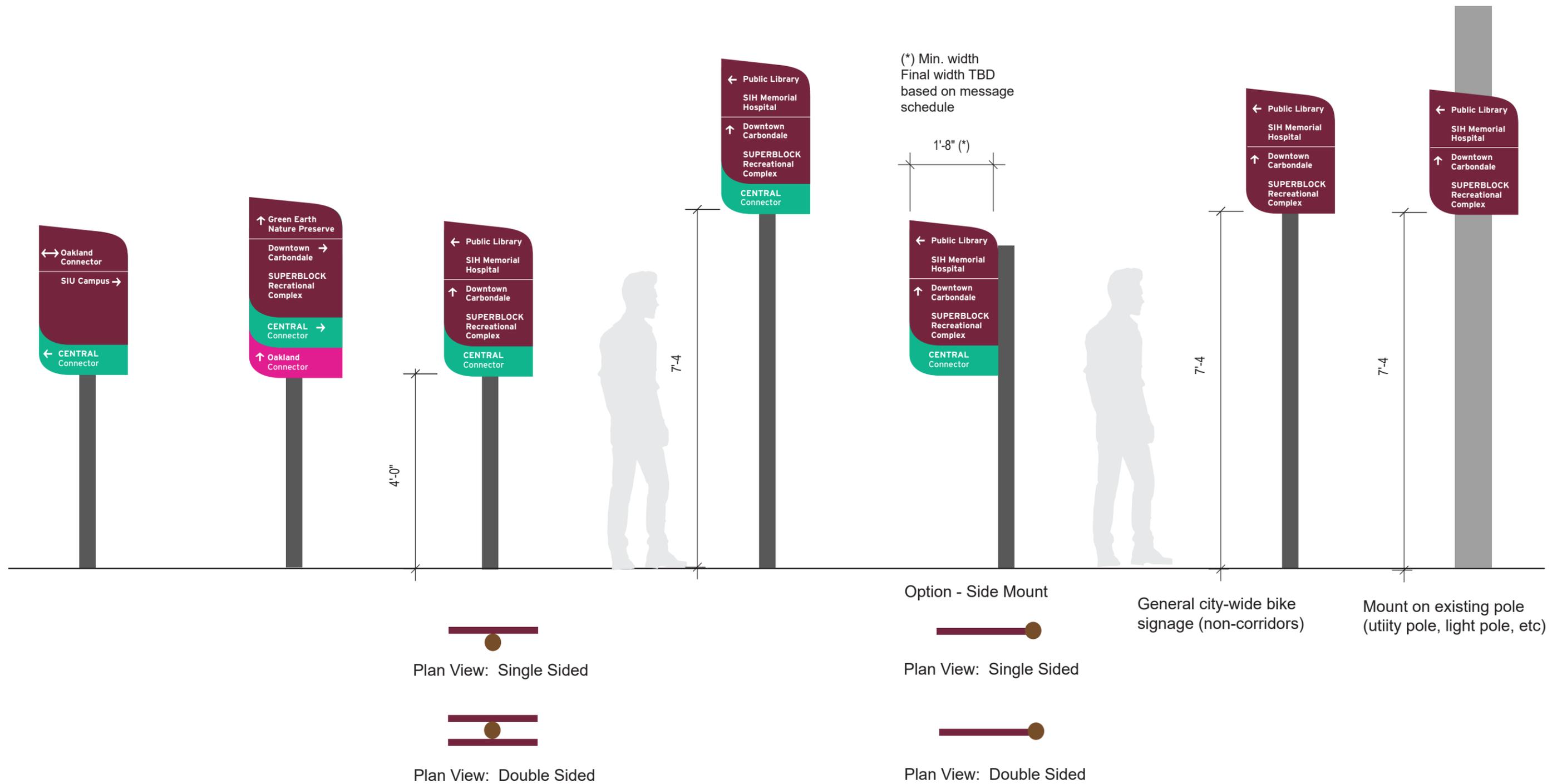
| ID  | Type                  | Corridor            | Message   | Notes  | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|-----|-----------------------|---------------------|---|--|--------|-------|--------|---------------|--------------|
| 449 | Directional-Bike/Ped  | Piles Fork Greenway | SB [la-ra] Sycamore-Oak Connector [fa] SIU Campus, Marberry Arboretum [la] Crab Orchard Greenway [ra] Downtown Carbondale                     |  | DIR.08 |       | Single | 84"           | Bike and Ped |
| 450 | Confirmation-Bike/Ped | Piles Fork Greenway | NB [bike pedestrian glyphs] PILES FORK Greenway   |  | ENV.01 |       | Single | Existing Pole | Bike and Ped |
| 451 | Confirmation-Bike/Ped | Sycamore-Oak        | EB [bike pedestrian glyphs] SYCAMORE-OAK Connector  | EB only  | ENV.01 |       | Single | 84"           | Bike and Ped |
| 452 | Directional-Bike/Ped  | Citywide            | EB [fa] Carbondale Middle School [la] Lewis Elementary School, SUPERBLOCK Recreational Complex  | Location TBD (Depending on which side is sidepath)     | DIR.08 |       | Single | 48"           | Bike and Ped |
| 453 | Directional-Bike/Ped  | Citywide            | SB [fa] Bush Hill Preserve [la] Carbondale Middle School [ra] SIU Campus, Downtown Carbondale   |  | DIR.08 |       | Single | 84"           | Bike only    |
| 454 | Directional-Bike/Ped  | Citywide            | WB [fa] SIU Campus, Downtown Carbondale [la] Bush Hill Preserve [ra] SUPERBLOCK Recreational Complex  |  | DIR.08 |       | Single | 84"           | Bike only    |
| 455 | Directional-Bike/Ped  | Citywide            | EB [la] Carbondale High School, Crab Orchard Greenway [ra] Giant City State Park  |  | DIR.08 |       | Single | 84"           | Bike only    |
| 456 | Directional-Bike/Ped  | Citywide            | SB [fa] Giant City State Park [ra] Carbondale Middle School, Lewis Elementary School, SIU Campus, Downtown Carbondale                         |  | DIR.08 |       | Single | Existing Pole | Bike only    |
| 457 | Directional-Bike/Ped  | Citywide            | NB [fa] Carbondale High School, Crab Orchard Greenway [la] Carbondale Middle School, Lewis Elementary School, SIU Campus, Downtown Carbondale |  | DIR.08 |       | Single | 84"           | Bike only    |
| 458 | Directional-Bike/Ped  | Citywide            | NB [fa] Crab Orchard Greenway [la] Downtown Carbondale  | Location TBD. Depending on location of future sidepath | DIR.08 |       | Single | TBD           | Bike and Ped |
| 459 | Directional-Bike/Ped  | Citywide            | SB [fa] Carbondale High School, Giant City State Park [ra] Downtown Carbondale  | Location TBD. Depending on location of future sidepath | DIR.08 |       | Single | TBD           | Bike and Ped |
| 460 | Directional-Bike/Ped  | Citywide            | EB [la] Crab Orchard Greenway [ra] Giant City State Park  |  | DIR.08 |       | Single | Existing pole | Bike and Ped |
| 461 | Directional-Bike/Ped  | Citywide            | NB [la-ra] Crab Orchard Greenway [la] Downtown Carbondale [ra] Crab Orchard Lake, Marion  |  | DIR.08 |       | Single | 84"           | Bike and Ped |
| 462 | Directional-Bike/Ped  | Citywide            | SB [la-ra] Crab Orchard Greenway [fa] Carbondale High School, Giant City State Park [la] Crab Orchard Lake, Marion [ra] Downtown Carbondale   |  | DIR.08 |       | Single | 84"           | Bike only    |
| 463 | Directional-Bike/Ped  | Citywide            | NB [fa-ra] Sycamore-Oak Connector [fa] Oakland Nature Preserve [ra] SIH Memorial Hospital, Downtown Carbondale                                |  | DIR.08 |       | Single | Existing Pole | Bike only    |
| 464 | Directional-Bike/Ped  | Citywide            | NB [ra] Public Library, Downtown Carbondale   |  | DIR.08 |       | Single | Existing Pole | Bike only    |
| 465 | Directional-Bike/Ped  | Citywide            | SB [la] Public Library, Downtown Carbondale   |  | DIR.08 |       | Single | Existing pole | Bike only    |
| 466 | Directional-Bike/Ped  | Citywide            | NB [fa] Public Library, SIH Memorial Hospital [ra] Downtown Carbondale, Police Station  |  | DIR.08 |       | Single | 84"           | Bike only    |
| 467 | Directional-Bike/Ped  | Citywide            | SB [fa] SIU Campus [la] Downtown Carbondale, Police Station   |  | DIR.08 |       | Single | Existing pole | Bike only    |
| 468 | Directional-Bike/Ped  | Citywide            | WB [la] SIU Campus [ra] Public Library, SIH Memorial Hospital   |  | DIR.08 |       | Single | Existing pole | Bike only    |

| ID   | Type                  | Corridor              | Message  | Notes   | Type2  | Phase | Sides  | Mounting      | Bike/Ped     |
|------|-----------------------|-----------------------|--|---------|--------|-------|--------|---------------|--------------|
| 469  | Directional-Bike/Ped  | Citywide              | SB [la-ra] Central Corridor [fa] SIU Campus [la] Downtown Carbondale   |         | DIR.08 |       | Single | Existing pole | Bike only    |
| 311a | Directional-Bike/Ped  | Central and Oakland   | NB [fa] Oakland Nature Preserve [ra] Downtown Carbondale, SUPERBLOCK Recreational Complex   [ra] CENTRAL Connector |         | DIR.08 | 2B    | Single | 84"           | Bike and Ped |
| 327a | Confirmation-Bike/Ped | Oakland               | NB [bike pedestrian glyphs] OAKLAND Connector  | NB only | ENV.01 | 2B    | Single | 84"           | Bike and Ped |
| 331a | Directional-Bike/Ped  | Central               | WB [ra] Continue Central Connector   |         | DIR.08 | 2B    | Single | Existing pole | Bike only    |
| 372a | Marker-Bike/Ped       | Crab Orchard Greenway | [bike pedestrian glyphs] Explore Carbondale / CRAB ORCHARD Greenway  |         | ENV.02 | 2A    | Double | 84"           | Bike and Ped |

# Bike Wayfinding Quantities

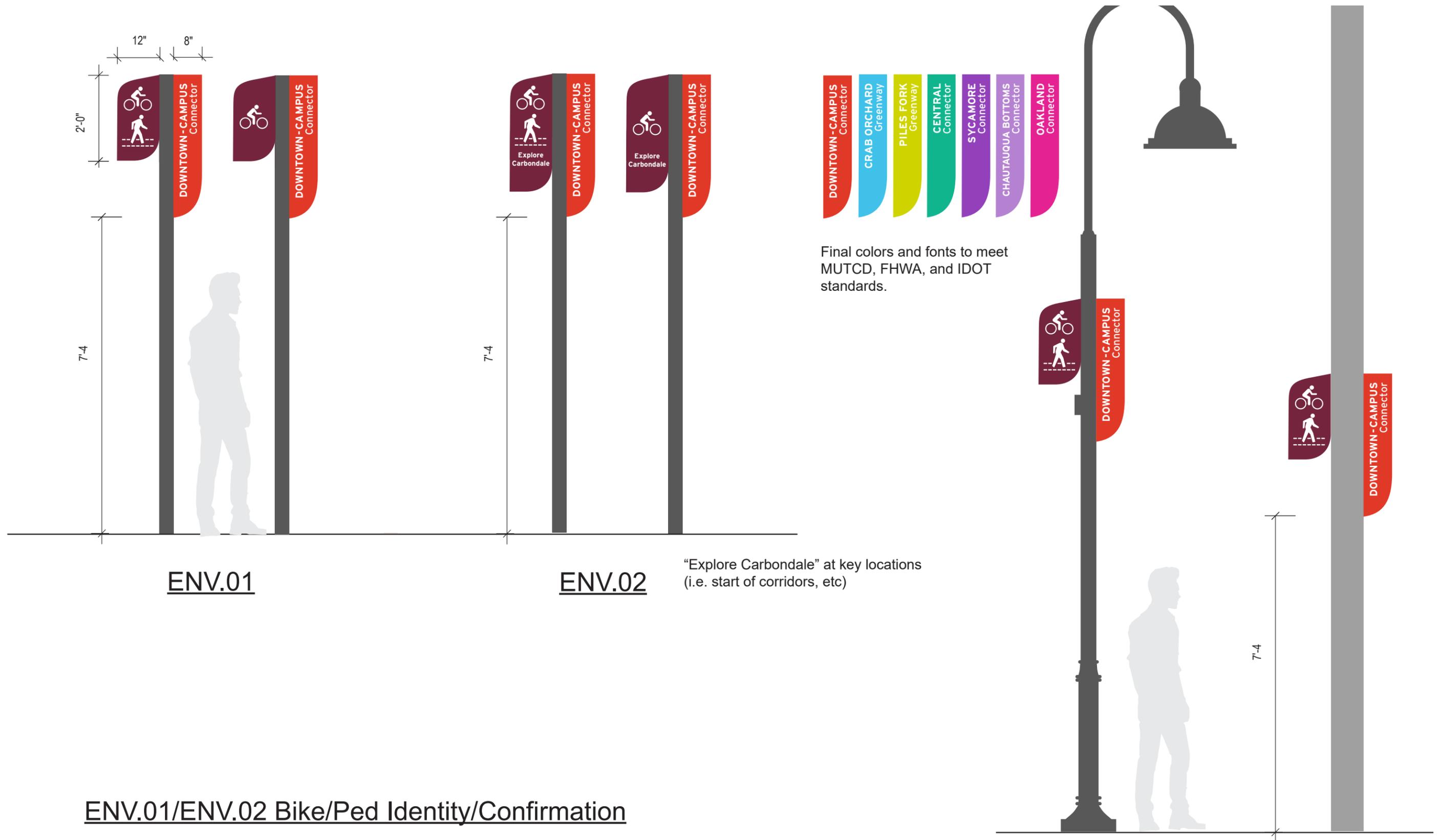
| Type                  | Type2  | Sides  | Mounting             | Quantities |
|-----------------------|--------|--------|----------------------|------------|
| Directional-Bike/Ped  | DIR.08 | Double | 48"                  | 17         |
| Directional-Bike/Ped  | DIR.08 | Single | 48"                  | 14         |
| Directional-Bike/Ped  | DIR.08 | Double | 84"                  | 3          |
| Directional-Bike/Ped  | DIR.08 | Single | 84"                  | 83         |
| Directional-Bike/Ped  | DIR.08 | Double | Existing Pole        | 2          |
| Directional-Bike/Ped  | DIR.08 | Single | Existing Pole        | 43         |
| Directional-Bike/Ped  | DIR.08 | Single | Existing Fence       | 2          |
| Confirmation-Bike/Ped | ENV.01 | Double | 84"                  | 15         |
| Confirmation-Bike/Ped | ENV.01 | Single | 84"                  | 35         |
| Confirmation-Bike/Ped | ENV.01 | Double | Existing Pole        | 19         |
| Confirmation-Bike/Ped | ENV.01 | Single | Existing Pole        | 29         |
| Marker-Bike/Ped       | ENV.02 | Double | 84"                  | 9          |
| Map-Bike/Ped          | ID.16  | Single | 48"                  | 12         |
| Bike Carbondale       | ID.17  | Single | Existing Pole or 84" | 118        |

# Bike Wayfinding: Conceptual

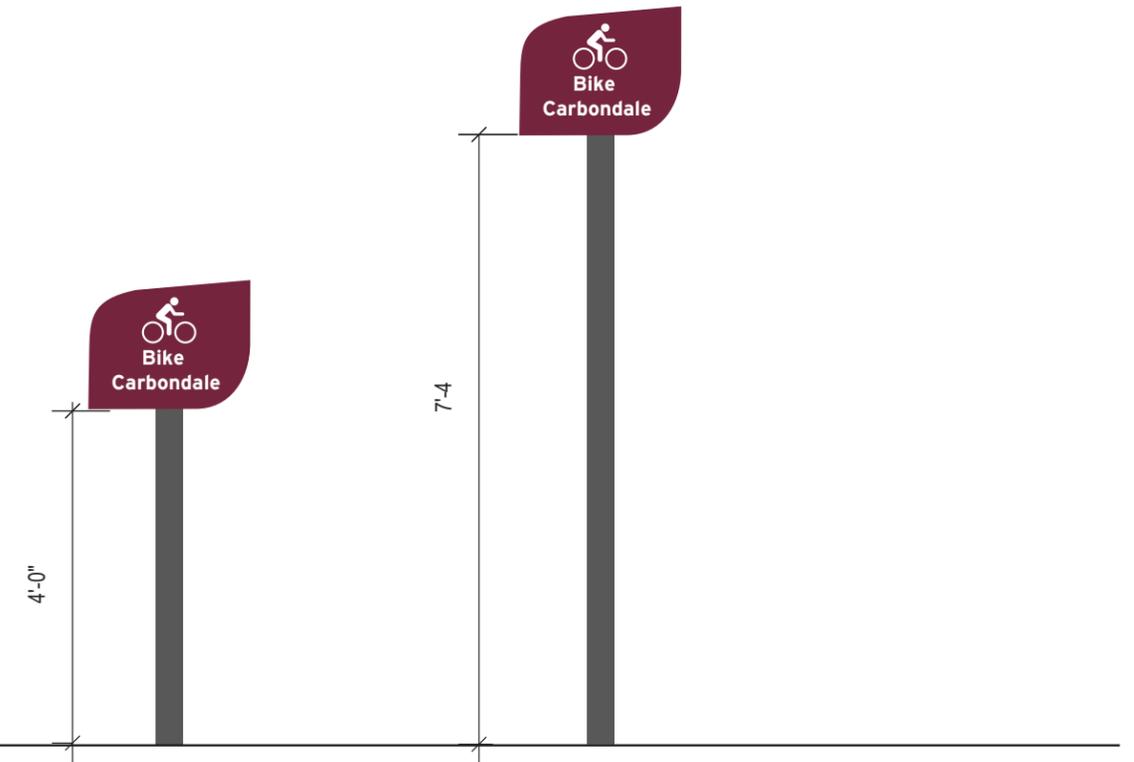


## DIR.08 Bike/Ped Directional

# Bike Wayfinding: Conceptual



# Bike Wayfinding: Conceptual



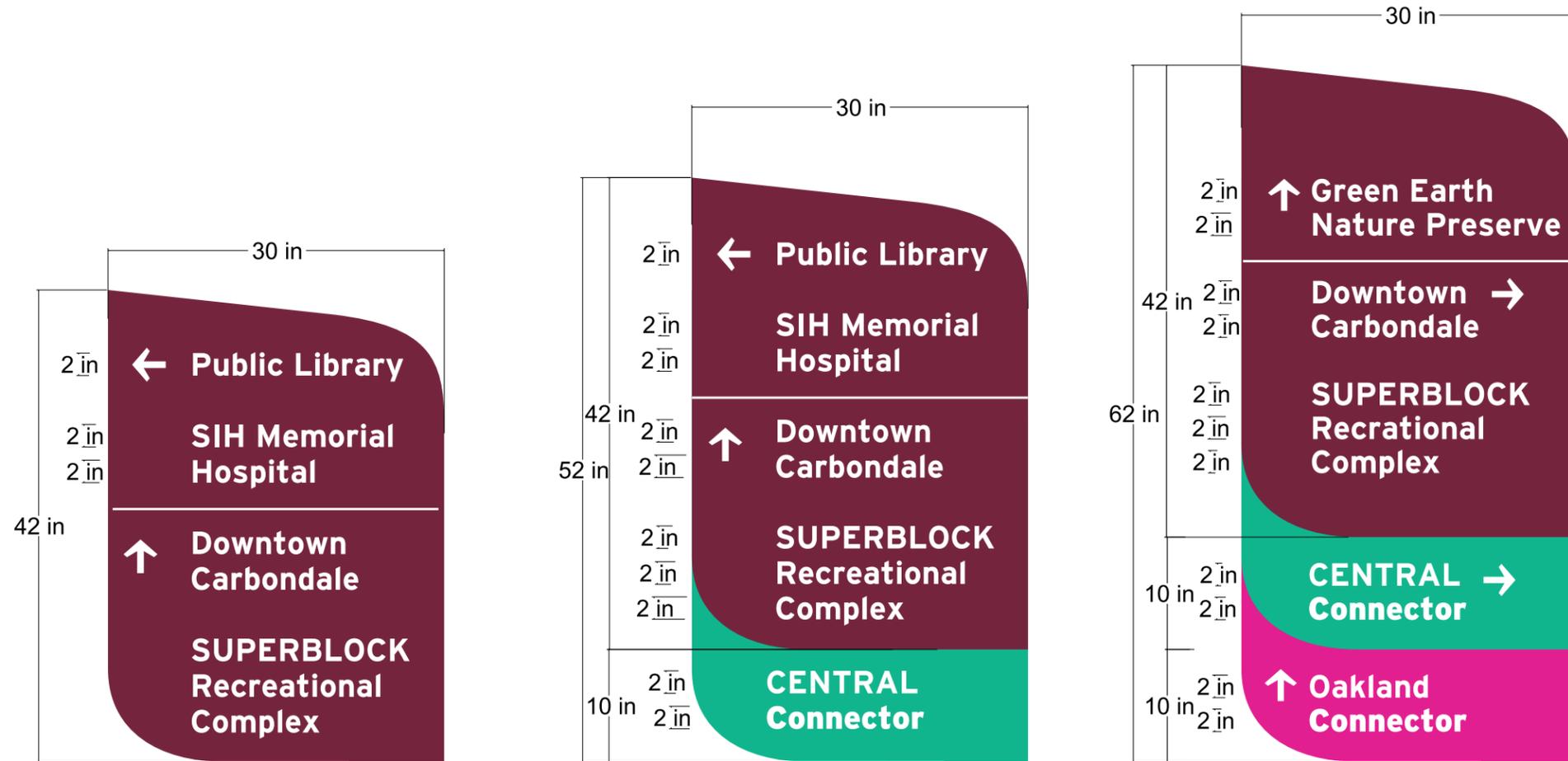
"Bike Carbondale" signs to replace "Bike Route" signs.

ID.16 Bike/Ped QR Code Map

ID.17 Bike/Ped Bike Carbondale

# Bike Wayfinding: Design Intent

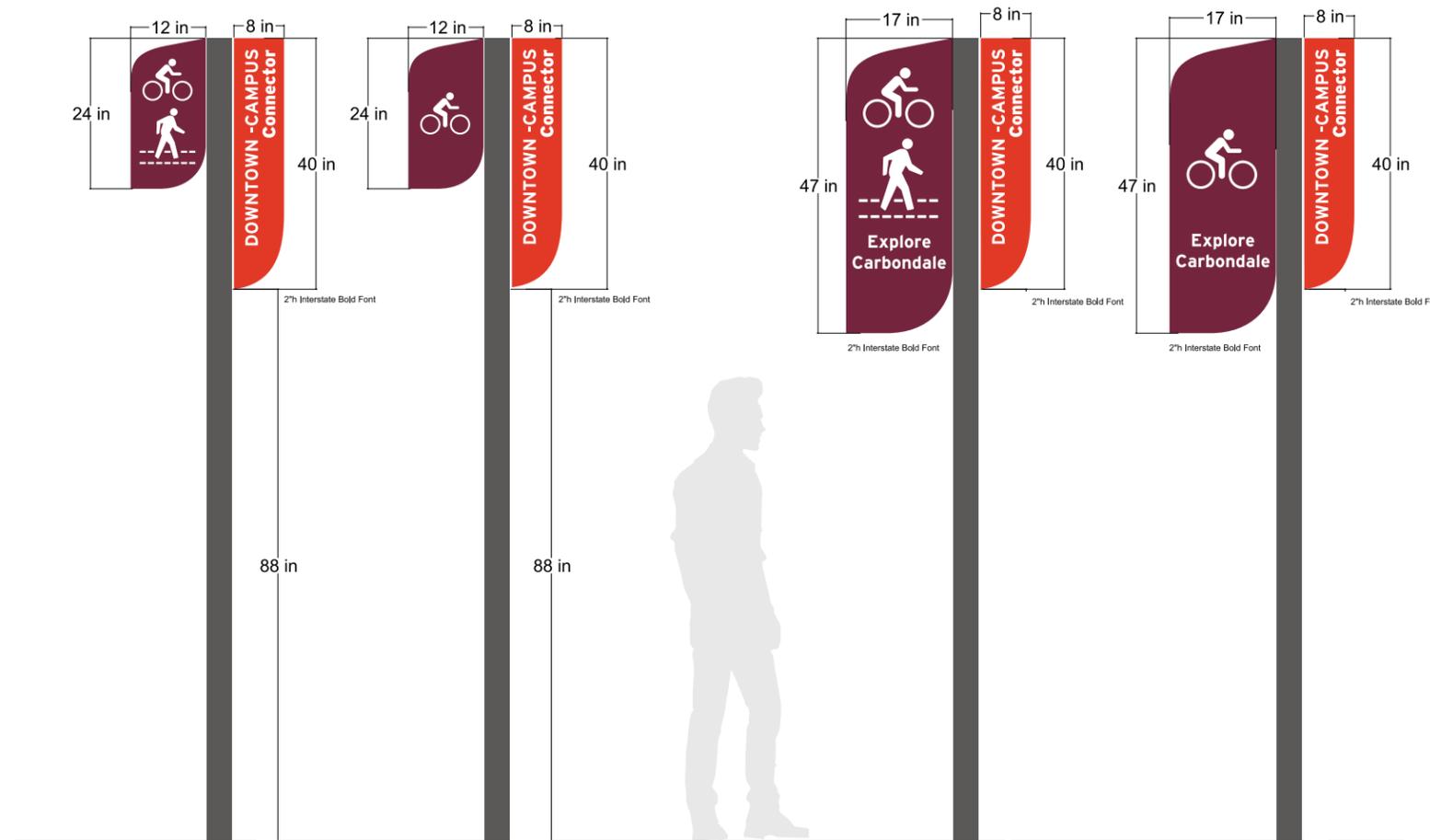
|   |  |  |        |      |
|---|--|--|--------|------|
|  <p>Western Remac Inc.<br/>Your Complete Sign Solution Provider™</p> <p>1740 Internationale Pkwy. (630) 972-7770<br/>Woodridge, IL 60517 fax(630) 972 9680</p> | PROJECT:   | DATE: 5/13/2022  |        |      |
|   | CUSTOMER: I 5 Design Group                                       | CONTACT: Stephen Ibendahl  |        |      |
|   | SALESPERSON: Mike Conoscenti                                     | DESIGNER: Sassano  | PHONE: | FAX: |
|   | PROD. FILE NAME: I5design Carbondale wayfinding large 2022513.fs | PRODUCTION USE ONLY <input checked="" type="checkbox"/> Printed/Cut <input checked="" type="checkbox"/> Overlam <input checked="" type="checkbox"/> Finished |        |      |
|   | CUSTOMER APPROVAL SIGNATURE:                                     | SCALE: 0.037   |        |      |



DIR.08 Bike/Ped Directional  
Interstate Bold

# Bike Wayfinding: Design Intent

|  |   |                   |  |      |
|--|---|-------------------|--|------|
|  <p>Western Remac Inc.<br/>Your Complete Sign Solution Provider™<br/>1740 Internationale Pkwy. (630) 972-7770<br/>Woodridge, IL 60517 fax(630) 972 9680</p> | PROJECT:  |                   | DATE: 6/1/2022   |      |
|  | CUSTOMER: I 5 Design Group                                      |                   | CONTACT: Stephen Ibendahl  |      |
|  | SALESPERSON: Mike Conoscenti                                    | DESIGNER: Sassano | PHONE:   | FAX: |
|  | PROD. FILE NAME: I5design Carbondale wayfinding ENV 20220601.fs |                   | PRODUCTION USE ONLY <input checked="" type="checkbox"/> Printed/Cut <input checked="" type="checkbox"/> Overlam <input checked="" type="checkbox"/> Finished |      |
|  | CUSTOMER APPROVAL SIGNATURE:                                    |                   | SCALE: 0.022   |      |



ENV.01 Bike/Ped Identity/Confirmation  
Interstate Bold

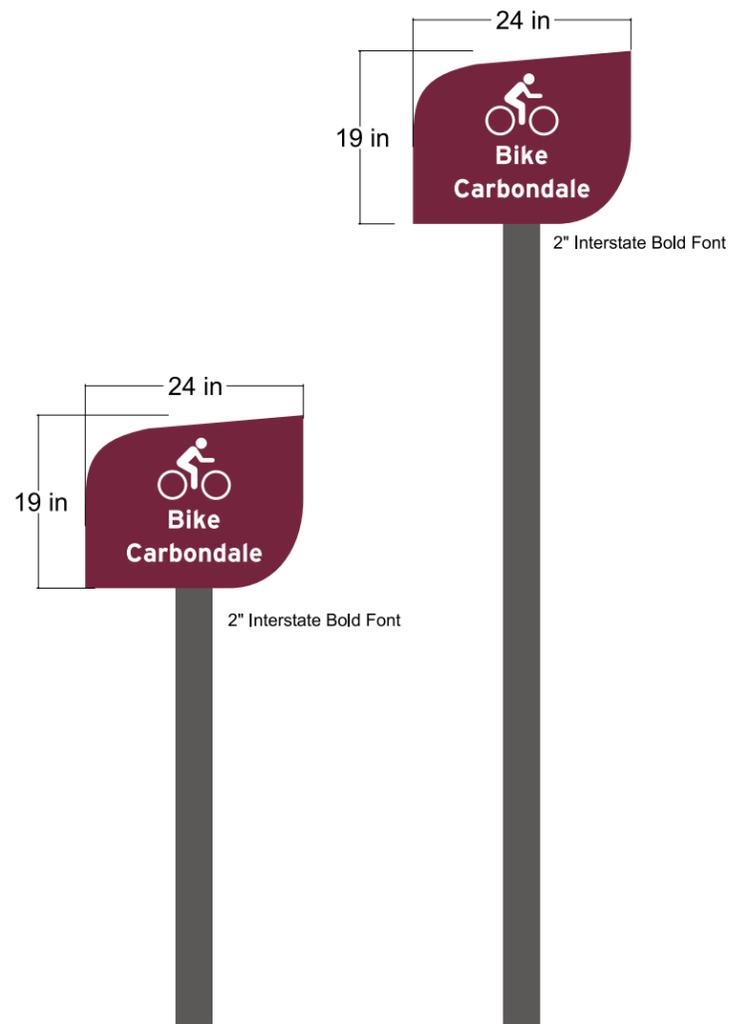
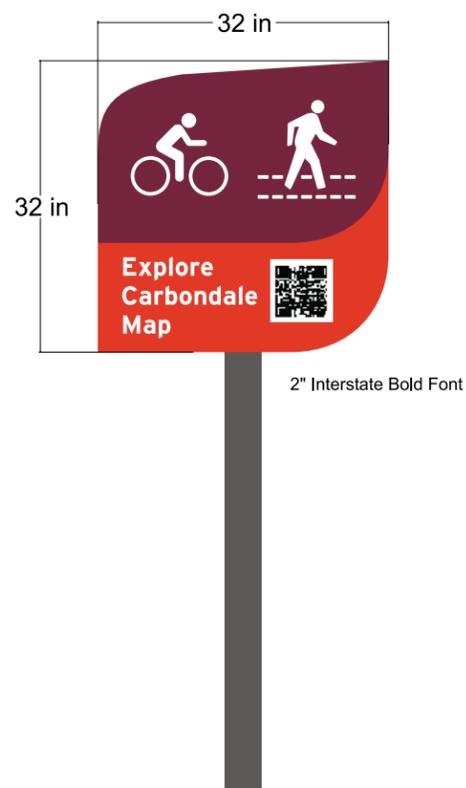
ENV.02 Bike/Ped Identity/Confirmation  
Interstate Bold

# Bike Wayfinding: Design Intent

|   |   |                   |                           |
|---|---|-------------------|---------------------------|
|  <p>Western Remac Inc.<br/>Your Complete Sign Solution Provider™</p> <p>1740 Internationale Pkwy. (630) 972-7770<br/>Woodridge, IL 60517 fax(630) 972 9680</p> | PROJECT:  |                   | DATE: 6/1/2022            |
|   | CUSTOMER: I 5 Design Group  |                   | CONTACT: Stephen Ibendahl |
|   | SALESPERSON: Mike Conoscenti  | DESIGNER: Sassano | PHONE: FAX:               |
|   | PROD. FILE NAME: I5design Carbondale wayfinding ID Bike Ped 20220601.fs |                   | PRODUCTION USE ONLY       |
| CUSTOMER APPROVAL SIGNATURE:  |   |                   | SCALE: 0.043              |

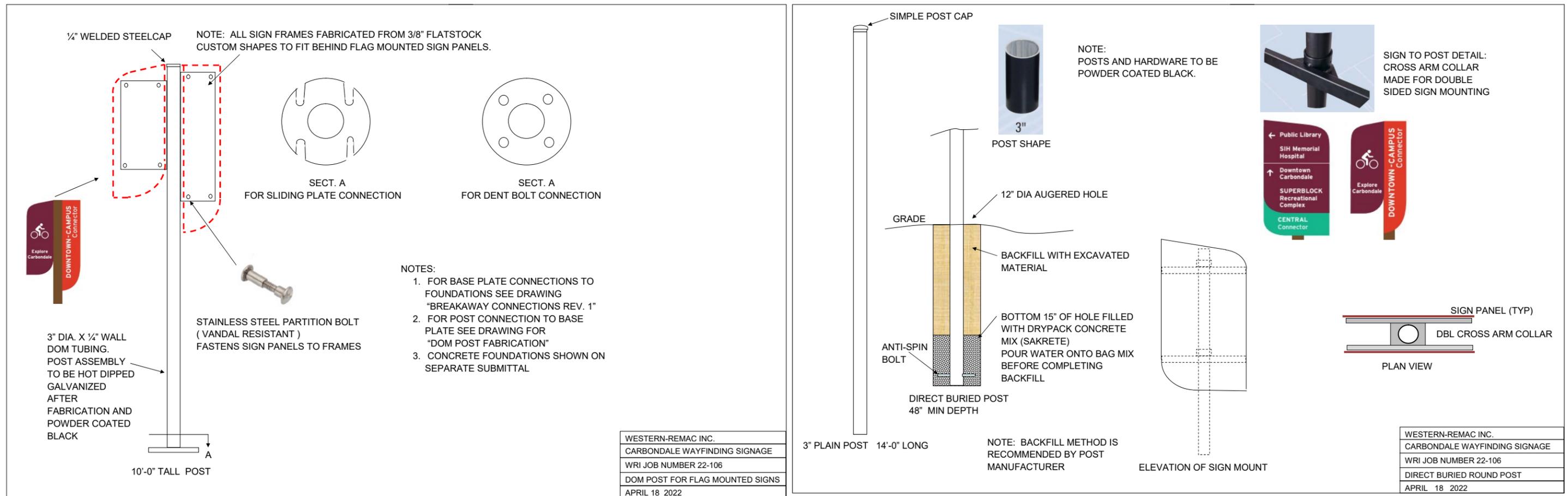


ID.16 Bike/Ped QR Code Map



ID.17 Bike/Ped Bike Carbondale

# Bike Wayfinding: Design Intent



# Bike Wayfinding: Design Intent

ELEVATION VIEW  
SIGN TYPES 2 AND 3 DOUBLE FACE DISPLAY

PLAN VIEW

NOTES:

1. BACK SIDE OF SIGN PANELS AND MOUNTING HARDWARE MAY BE PAINTED OF POWDER COATED TO MATCH POLE.
2. DOUBLE SIGN MOUNT BRACKET IS LIMITED TO 2 3/8" DIAMETER POLES

DOUBLE BRACKET

ALUMINUM CHANNEL

|                                |
|--------------------------------|
| WESTERN-REMAC INC.             |
| CARBONDALE WAYFINDING SIGNAGE  |
| WRI JOB NUMBER 22-106          |
| DOUBLE FACE SIGN MOUNT CONCEPT |
| MARCH 21, 2022                 |

ELEVATION VIEW  
SINGLE OR DOUBLE FACE DISPLAY

PLAN VIEW

NOTES:

1. RECOMMENDED POST D.O.M. TUBING ( DIA T.B.D.)
2. POST AND SIGN SUPPORT PANEL SHOP WELDED, GALVANIZED, AND PAINTED OR POWDER COATED.
3. OPTIONAL SINGLE OR DOUBLE SIDED DISPLAY.

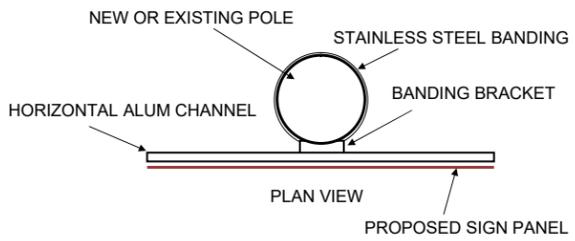
SAMPLE SIGN

|                               |
|-------------------------------|
| WESTERN-REMAC INC.            |
| CARBONDALE WAYFINDING SIGNAGE |
| WRI JOB NUMBER 22-106         |
| FLAG MOUNTED SIGN CONCEPT     |
| MARCH 21, 2022                |

# Bike Wayfinding: Design Intent



ELEVATION VIEW  
SIGN TYPES 2 AND 3 SINGLE FACE DISPLAY



NEW OR EXISTING POLE  
STAINLESS STEEL BANDING  
BANDING BRACKET  
HORIZONTAL ALUM CHANNEL  
PLAN VIEW  
PROPOSED SIGN PANEL



BANDING BRACKET

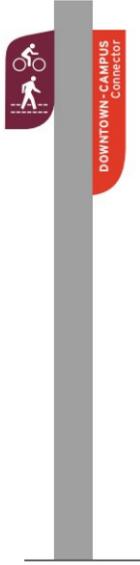


ALUMINUM CHANNEL

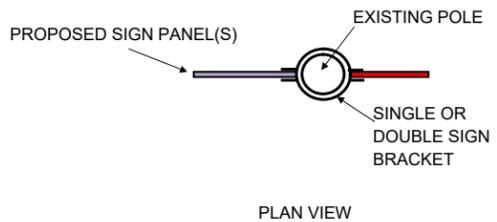
NOTES:

1. BACK SIDE OF SIGN PANELS AND MOUNTING HARDWARE MAY BE PAINTED OR POWDER COATED TO MATCH POLE.
2. BANDING ADAPTS TO VARIOUS POLE DIAMETERS SO SIGN PANELS MAY BE MOUNTED TO NEW OR EXISTING POLES.
3. SYSTEM MAY BE INSTALLED VERTICALLY FOR SIGNS MOUNTED TO HORIZONTAL TRAFFIC SIGNAL ARMS.
4. THIS SYSTEM MAY BE USED TO MOUNT SIGNS ON BOTH SIDES OF POLE WHEN POLE DIAMETER IS 8 INCHES OR GREATER.

|                                |
|--------------------------------|
| WESTERN-REMAC INC.             |
| CARBONDALE WAYFINDING SIGNAGE  |
| WRI JOB NUMBER 22-106          |
| SINGLE FACE SIGN MOUNT CONCEPT |
| MARCH 21, 2022                 |



ELEVATION VIEW  
TWIN FLAG MOUNTED SIGNS  
SINGLE OR DOUBLE FACE DISPLAYS



PROPOSED SIGN PANEL(S)  
EXISTING POLE  
SINGLE OR DOUBLE SIGN BRACKET  
PLAN VIEW

NOTES:

1. SIGN BRACKETS SHOWN ARE AVAILABLE FOR SMALL DIAMETER POLES. CUSTOM MADE BRACKETS MAY BE NEEDED TO FIT EXISTING LARGER DIAMETER POLES.
2. WIDE SIGN PANELS MAY REQUIRE CUSTOM SUPPORT PANELS BEHIND SIGN



SINGLE SIGN BRACKET



DOUBLE SIGN BRACKET

|                                |
|--------------------------------|
| WESTERN-REMAC INC.             |
| CARBONDALE WAYFINDING SIGNAGE  |
| WRI JOB NUMBER 22-106          |
| TWIN FLAG MOUNTED SIGN CONCEPT |
| MARCH 21, 2022                 |

# Bike Wayfinding: Design Intent

**1/4" WELDED STEELCAP: FLAT OR CUSTOM**

**HOLES FOR SIGN PANEL MOUNT. LOCATE TO AVOID MESSAGE**

**ALL SIGN FRAMES: 3/8" FLAT BAR ( OR CUT FROM ONE PIECE OF 3/8")**  
**NOTE: ALL SIGN FRAMES FABRICATED TO CUSTOM SHAPES TO FIT BEHIND FLAG MOUNTED SIGN PANELS.**

**9" DIA X 3/4" BASE PLATE WITH 3" HOLE IN CENTER AND 4 BOLT HOLES AT 7/8" DIA**

**HOLE IN BASE PLATE TO ALLOW POST TO BE WELDED AT CENTER DEPTH OF BASE PLATE**

**1/4" (TYP)**

**3" DIA. X 1/4" WALL DOM TUBING. POST ASSEMBLY TO BE HOT DIPPED GALVANIZED AFTER FABRICATION AND POWDER COATED IN CUSTOM COLOR**

**10'-0" TALL POST**

**SECT. A**

**SECT. B**

**SAMPLE FLAG MOUNT**

**SIGN PANEL (TYP)**

**STAINLESS STEEL PARTITION BOLTS FOR SIGN FASTENING ( TYP )**

**NOTES:**  
 THIS DESIGN IS A MIGHTY POST AND IS HIGHLY RECOMMENDED FOR FLAG MOUNTING OF SIGN PANELS. FLAGS MAY BE MOUNTED IN ANY AND MULTIPLE DIRECTIONS, AND MAY CONSIST OF VARIOUS SIGN PANEL SHAPES.  
 THIS POST DESIGN REQUIRES A CAST IN PLACE CONCRETE FOUNDATION WHERE A DIRECT BOLT OR A BREAK-A-WAY CONNECTION MAY BE USED

**WESTERN-REMAC INC.**  
**CARBONDALE WAYFINDING SIGNAGE**  
**WRI JOB NUMBER 22-106**  
**CUSTOM DOM POST**  
**APRIL 4 2022**

**DECO CAPS AVAILABLE**

**GRADE**

**DIRECT BURIED POST 48" MIN DEPTH**

**BREAK-A-WAY CONNECTION WITH EMBEDDED STUB CAST IN PLACE CONCRETE FOUNDATION... DESIGN T.B.D.**

**NOTE:**  
 THIS POST MAY BE MOUNTED ON GALVANIZED HOOK ( ANCHOR ) BOLTS IN LIEU OF BREAK-A-WAY SYSTEM

**3" PLAIN POST SHOWN**

**SIDEWALK MOUNT**

**POST SHAPE OPTIONS**

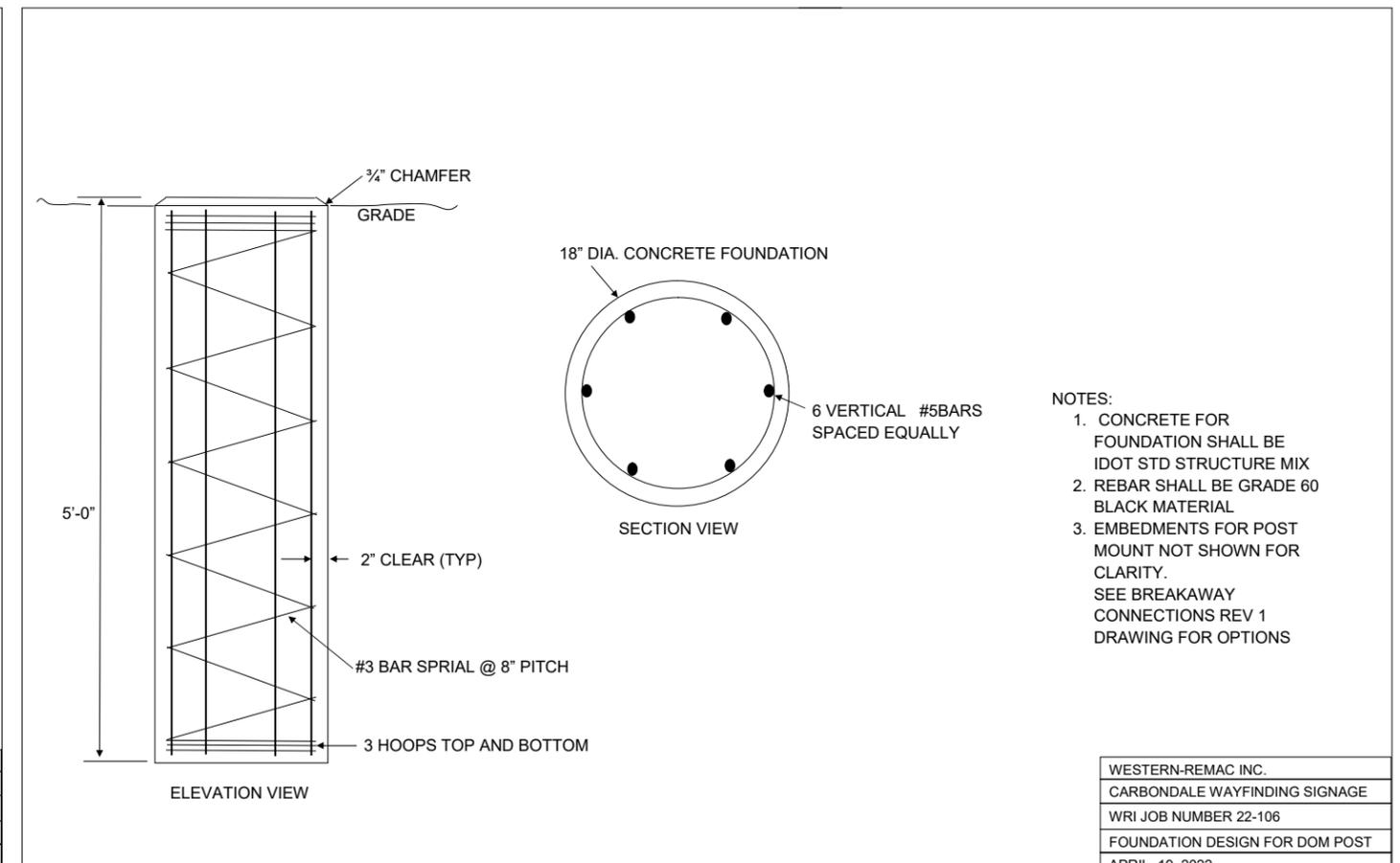
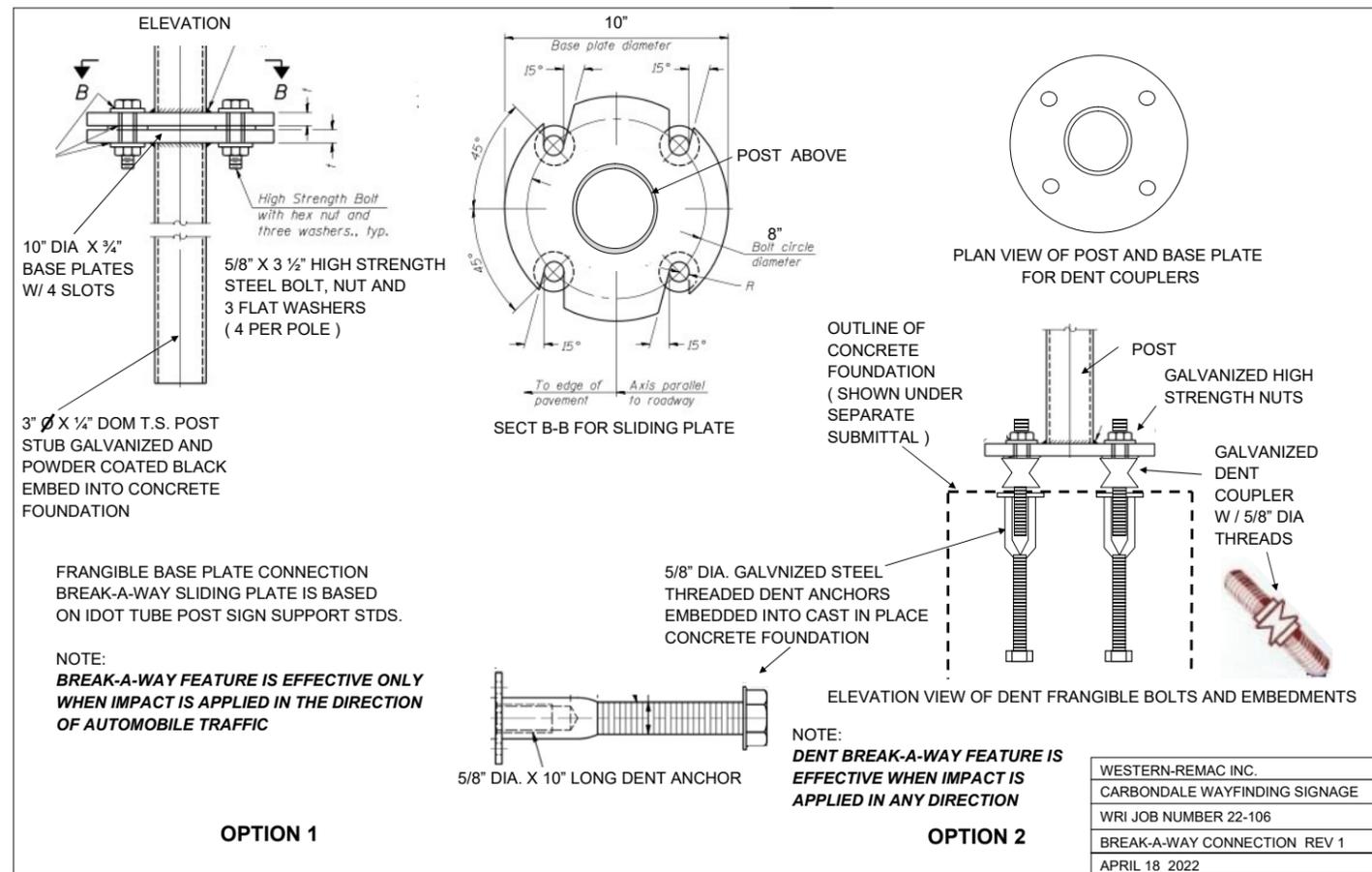
**5" 4" 3"**

**5" 4" 3"**

**SIGN TO POST DETAIL: CROSS ARM COLLARS UP TO 60 INCHES WIDE. FOR SINGLE SIDE OR DOUBLE SIDED SIGN DISPLAY**

**WESTERN-REMAC INC.**  
**CARBONDALE WAYFINDING SIGNAGE**  
**WRI JOB NUMBER 22-106**  
**FACTORY ROUND POSTS & HRDWR**  
**APRIL 4 2022**

# Bike Wayfinding: Design Intent



# Chapter 5: ITEP Project Area

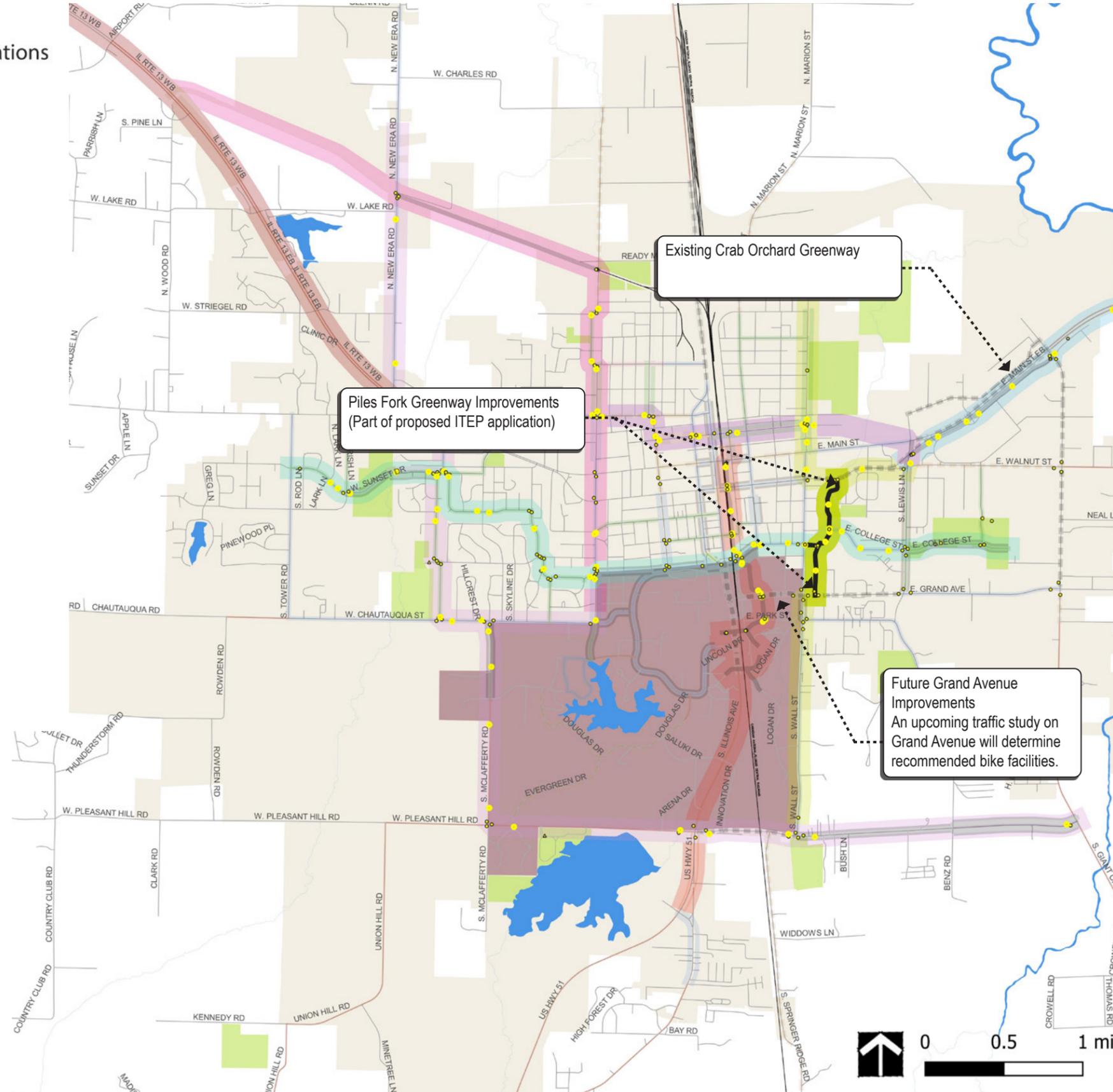
# ITEP APPLICATION

## Bike Master Plan Recommendations

- Bike Route Signs
- Motorist Directed Signage
- Shared Lane Markings (SLM)
- SLM's and Motorist Signage
- Bike Lanes
- Buffered/Separated Bike Lanes
- Paved Shoulder
- Urban Shoulder
- Combined Bike / Parking Lane
- Widen Sidewalk to Sidepath
- Add Sidepath or Sidewalk
- Bikeway / Trail

## Bike Wayfinding Corridors

- Crab Orchard Greenway
- Piles Fork Greenway
- Downtown - Campus Connector
- Central Connector
- Sycamore - Oak Connector
- Chautauqua Bottoms Connector
- Oakland Connector
- Saluki Greenway



## ITEP Application Highlights

Made possible by federal and state funds administered by the Illinois Department of Transportation (IDOT), Illinois Transportation Enhancement Program (ITEP) grant funds are focused on improving bike and pedestrian travel, as well as making other surface transportation improvements that promote alternative options for getting around a community

The proposed ITEP Application study area will:

- Will be an important step in creating a separated bike facility (sidepath/trail) for the majority of the distance from campus to the new Crab Orchard Greenway.
- Include city-wide bike wayfinding elements.

Other corridors (and master plan implementation segments) require mostly re-stripping (or milling of gutter). This work would best be performed as part of future street re-paving or re-construction and not part of an ITEP application.

Bike facility improvements on Grand, Mill, and Pleasant Hill will require further traffic study. Grand will be studied in the near future and would then become the next logical segment for improvement.

## ITEP Project Area

### Piles Fork Greenway

- Reconstruction and widening of the multi-use trail.
- Reconstruction of creek crossings.

### City-wide Bike Wayfinding

- Implementation of city-wide bike wayfinding as outlined in this plan.

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