

2005 Bicycle Suitability

This map was developed to assist cyclists in determining the most suitable route for their level of riding. However, it is up to the rider to determine their own skill level, and it is recommended that any individual bicycling have an understanding of bicycling rules and bicycling safety. Regardless of the rating, a cyclist should always exercise caution and awareness when riding.

SUITABILITY FACTOR	VALUE RANGE	SCORE
Traffic Volume ¹	Less than 2500 vehicles per day per lane	4
	Between 2500 and 5000 vehicles per day per lane	2
	More than 5000 vehicles per day per lane	0
Travel Speeds ²	Less than or equal to 30 mph	4
	Between 30 and 40 mph	2
	Greater than 40 mph	0
Functional Class	Local Streets/Collectors	4
	Minor Arterials	2
	Other (major arterials and highways)	0

¹ Model Generated Volumes for Year 2005

² Based ALDOT-approved model link speeds by roadway type [area type linkgroup 2 code for CDB (30

The score of each suitability factor on a route (0, 2 or 4) was added together and divided by three (3). The following table defines how the final score correlates to level of bicycling difficulty.

SUITABILITY FACTOR SCORE	LEVEL OF DIFFICULTY	MAP KEY
3 - 4.0	Best conditions for bicycling	Green
2 - 2.9	Medium conditions for bicycling	Blue
1 - 1.9	Difficult conditions for bicycling	Orange
< 1	Very Difficult conditions for bicycling	Red

Legend

Bicycle Suitability

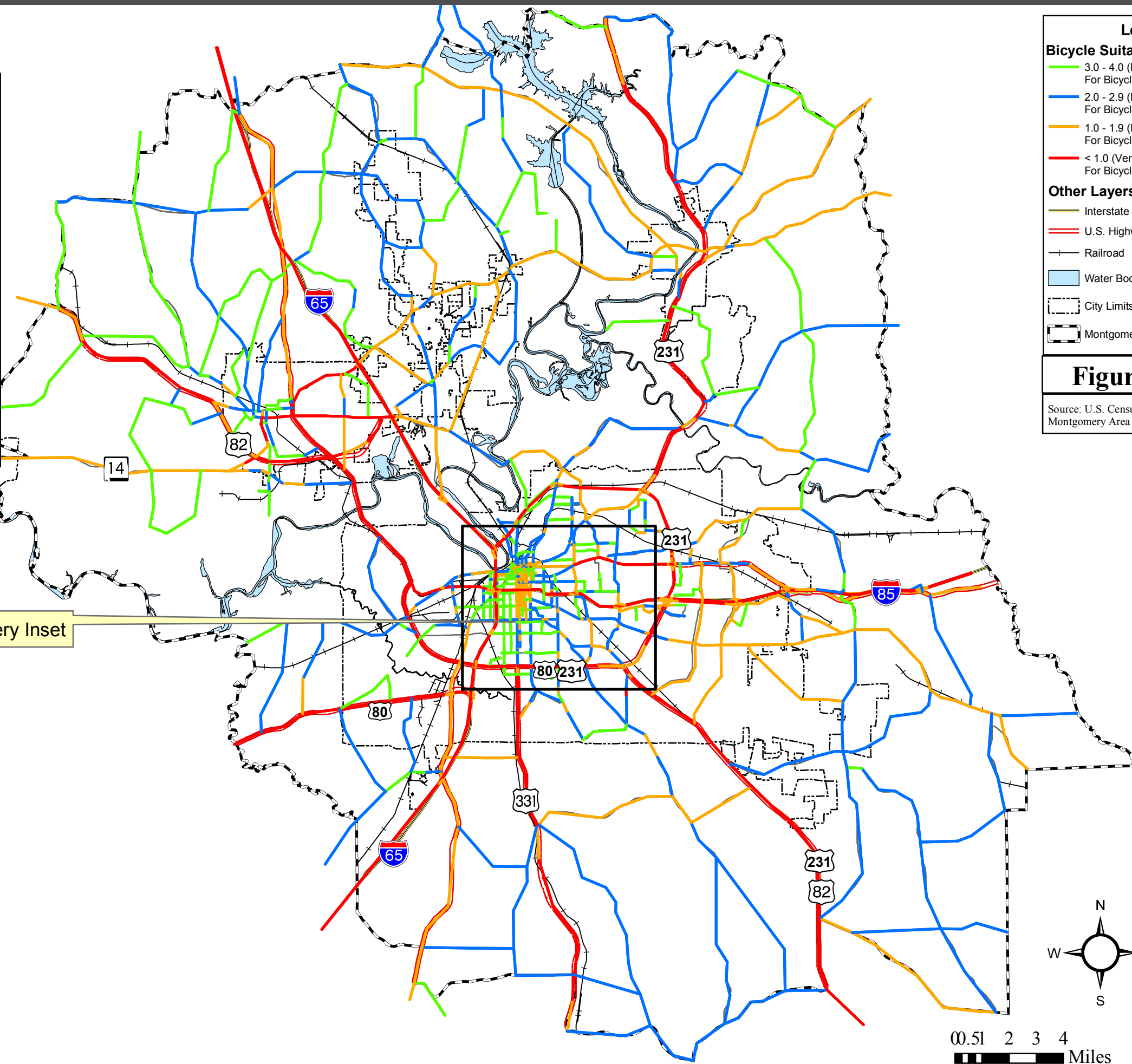
- 3.0 - 4.0 (Best Conditions For Bicycling) - Green
- 2.0 - 2.9 (Medium Conditions For Bicycling) - Blue
- 1.0 - 1.9 (Difficult Conditions For Bicycling) - Orange
- < 1.0 (Very Difficult Conditions For Bicycling) - Red

Other Layers

- Interstate Highways
- U.S. Highways / State Highways
- Railroad
- Water Bodies
- City Limits
- Montgomery Area MPO Boundary

Figure 5.18.1

Source: U.S. Census Bureau (2000), Montgomery Area MPO, and ESRI.



Downtown Montgomery Inset

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