

## Bicycle Suitability Assessment Form (V.040802)

(Adapted by James Emery, MPH from N. Eddy, 1996)

Date:	Comments/Suggested Improvements:
Data Collector Name:	
Segment ID Number/Name:	
Boundary streets:	

A) General Road Factors	Measures
1) Annual Avg. Daily Traffic (AADT)	
2) Total number of through lanes	
3) Speed (mph)	
4) Outside lane width (e.g., 11.5')	
5) Bike lane or paved shoulder width (e.g., 4.5') (Note - a <b>marked</b> bike lane.)	

*Record these measures in the formula below*

B) Pavement Factors	Score
1) (circle one pavement description)	(record score)
Very Good = 0.25	
Good = 0.75	_____
Fair = 1.50	
Poor = 2.25	
Very Poor = 3.75	
2) Presence of a Curb    Y    N	Yes = 0.25
3) Rough RR Crossing    Y    N	Yes = 0.50
4) Storm Drain Grate    Y    N	Yes = 0.75
<b>TOTAL Scores</b>	
<i>Record score in formula below</i>	

C) Location Factors	Yes/No (circle)	Score for "Yes"
1) Angle Parking	Y N	0.75
2) Parallel Parking	Y N	0.50
3) Right-Only Turn Lanes	Y N	0.25
4) Center (Both) Turn Lane	Y N	-0.25
5) Physical Median	Y N	-0.50
6) Paved Shoulder	Y N	-0.75
7) Marked Bike Lane	Y N	-1.00
8) Severe Grades	Y N	0.50
9) Moderate Grades	Y N	0.25
10) Frequent Curves	Y N	0.25
11) Restricted Sight Distance	Y N	0.50
12) Numerous Driveways	Y N	0.50
13) Numerous Intersections	Y N	0.75
14) Difficult Intersections	Y N	1.00
15) Industrial Land Use	Y N	0.50
16) Commercial Land Use	Y N	0.25
17) Sidewalk Only One Side	Y N	0.25
18) Sidewalks do not exist	Y N	0.50
<b>TOTAL all "YES" points</b>		
<i>Record score in formula below</i>		

AADT	Speed (mph)	Outside Lane Width	Bike Lane or Paved Shoulder Width	Pavement Factors	Location Factors	Bicycle Suitability Score
<div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 60px; height: 30px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 100px; height: 60px; margin: 0 auto;"></div>
_____	_____	14 - _____	_____	_____	_____	= _____
_____ * 2500	_____ 35	_____ 2				
# of thru Lanes						

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**N. Eddy Bicycle Suitability Assessment Scores:**

**Very Good** (less than 3.00) – color **blue**.

A road that is bicycle friendly and usable by all levels of bicyclists. There are few improvements needed.

**Good** (3.00 - 3.99) – color **green**.

A road that can be used safely by most bicyclists. Minimal improvements may be needed.

**Fair** (4.00 - 4.99) – color **yellow**.

A road that has some hazards, but can be still be used by adults for bicycling. Not recommended for children. Specific improvements are needed.

**Poor** (5.00 - 6.99) – color **orange**.

This road has many hazards and would require adult bicyclists to be very careful. Not safe for children. Many improvements are needed.

**Very Poor** (higher than 6.99) – color **red**.

This road has many hazards, heavy traffic and bad road conditions. Not safe for any bicyclists. Improvements are greatly needed.

Adapted from: Eddy, N. (1996)