

ANALYSIS

Bicycle lanes and trails were analyzed by pavement, striping, signs, and symbol condition for each of the boroughs.

Corresponding pie charts illustrate the percentage of each of the above categories in good, fair, poor, and missing condition. The reasons why a category was rated “poor” on the field worksheet is also noted in the text below.

Bronx Analysis

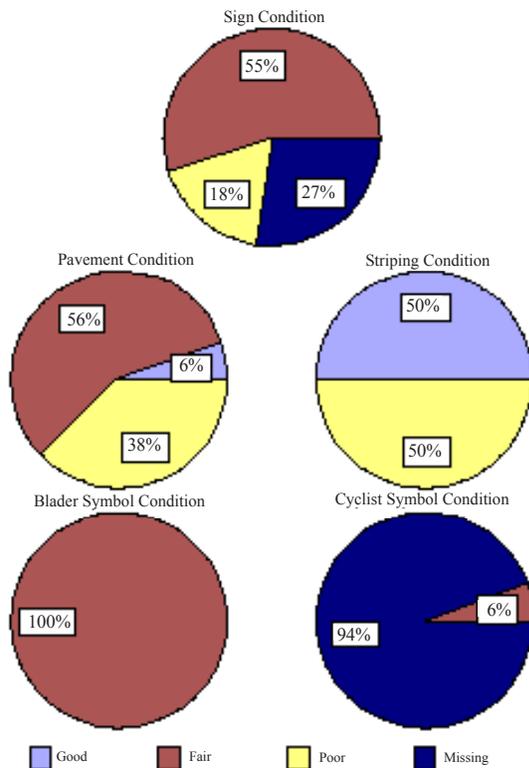
Bicycle Trails

Over half of the signs, pavement and blader symbols are in good condition. Exactly one half of the striping is in good condition. Yet, an overwhelming amount of cyclist symbols are missing.

Of the **signs** in poor condition, many in the Bronx have been vandalized. Also, there are important regulatory and warning signs missing.

Of the **pavement** in poor condition, 43 percent is due to bumps or rough surface, 15 percent to debris, 15 percent to roots protruding through the surface, 9 percent to overgrowth, 9 percent to potholes, and 9 percent to cracks in the pavement.

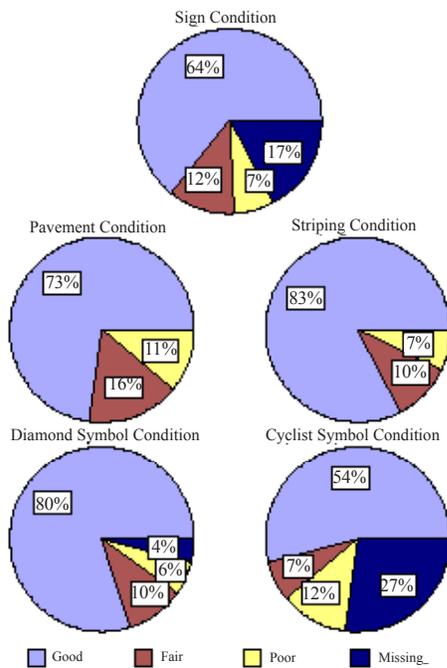
Of the **striping** in poor condition, 100 percent is because it has been worn.



Brooklyn Analysis

Bicycle Lanes

In all categories (sign, pavement, striping, and diamond and cyclist symbols) the majority of the bicycle lane facilities in Brooklyn were in good condition. However, a large percentage of the cyclist symbols are either in poor condition or missing all together.

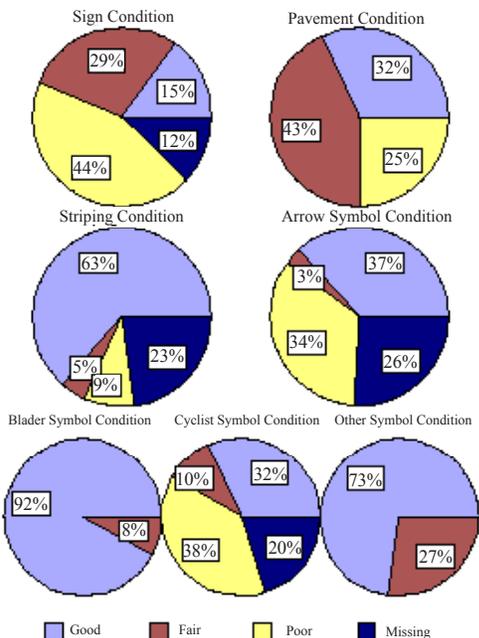


Of the **signs** that are in poor condition, 35 percent are obstructed in some way, 35 percent have been placed mid block and are not clearly visible, 12 percent have been vandalized, 12 percent are too high, and 6 percent are bent.

Of the **pavement** that is in poor condition, 33 percent is due to previous construction, 38 percent to bumps or a rough surface, 17 percent to utility inlets that are not flush with the pavement, and 8 percent to pot holes.

Of the **striping** that is in poor condition, 44 percent is worn, 29 percent is a result of previous construction, and 27 percent is because the striping has been interrupted in some way.

Bicycle Trails



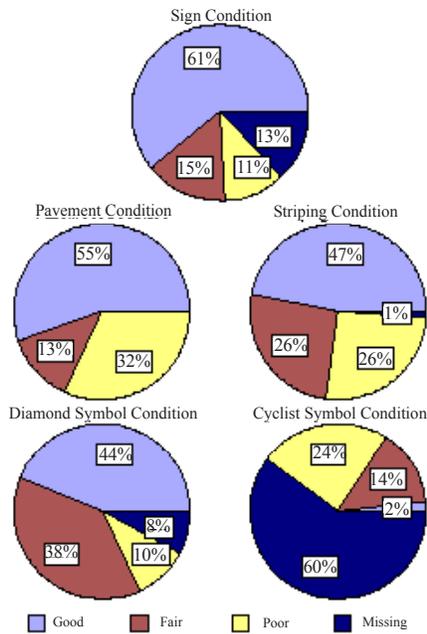
Of the **signs**, the most apparent problem is the absence of those that call attention to the start or finish of a bicycle trail or of access points.

Of **pavement** that is in poor condition, 39 percent has either bumps or a rough surface, 18 percent has cracks, 12 percent is overgrown, 11 percent is caused by roots protruding through the surface, 9 percent is due to debris, 4 percent to standing water, 3 percent to utility inlets not flush with the pavement, 2 percent to sand on the surface, and another 2 percent to previous construction.

Of the **striping** that is in poor condition, 100 percent is because it has been worn.

Manhattan Analysis

Bicycle Lanes



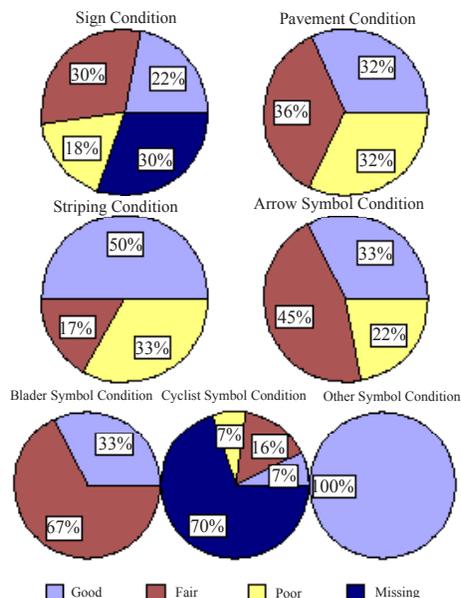
Over half of the sign, pavement, striping, and diamond symbols are in either good or fair condition. However an overwhelming amount of cyclist symbols are missing.

Of the **signs** that are in poor condition, 43 percent are obstructed, 38 percent are too high, 13 percent have been vandalized, and 6 percent are bent.

Of the **pavement** in poor condition, 27 percent is due to previous construction, 48 percent to bumps or rough surface, 17 percent to a utility inlet not flush with the surface, and 8 percent to potholes.

Of the **striping** in poor condition, 49 percent is because the striping is worn, 28 percent is due to previous construction, and 23 percent has been interrupted in some way.

Bicycle Trails



Of the **signs**, the most apparent problem is the absence of those that call attention to the start or finish of a bicycle trail or of access points.

Of the **pavement** in poor condition, 45 percent can be attributed to bumps or rough surface, 14 percent to debris, 14 percent to cracks, 10 percent to previous construction, 4 percent to utility inlets not flush with the pavement, and 3 percent to roots protruding through the surface.

Of the **striping** in poor condition, 67 percent is worn and 33 percent is interrupted in some way.

Queens Analysis

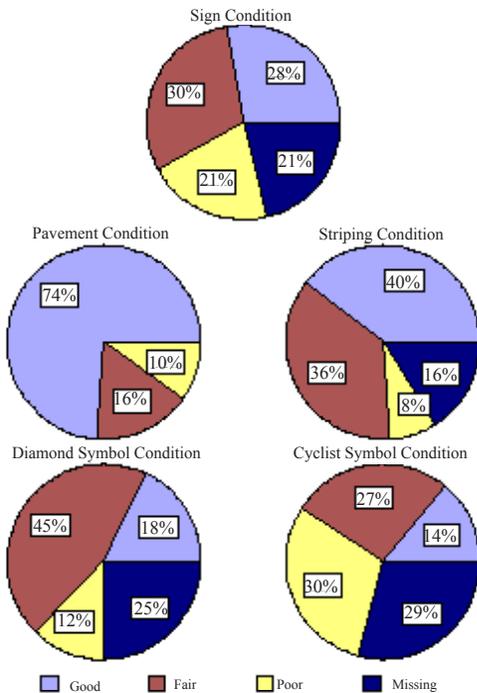
Bicycle Lanes

In all categories, (sign, pavement, striping, and diamond and cyclist symbols) the majority of bicycle facilities are in either good or fair condition.

Of the **signs** that are in poor condition, 48 percent are mid block and are not visible, 26 percent have been obstructed, 10 percent have been vandalized, 10 percent are too high, and 6 percent have been bent.

Of the **pavement** in poor condition, 45 percent has bumps or a rough surface, 37 percent is due to previous construction, 12 percent to utility inlets that are not flush with the pavement surface, and 6 percent to potholes.

Of the **striping** in poor condition, 39 percent has been interrupted in some way, 33 percent is due to previous construction, and 28 percent is worn.

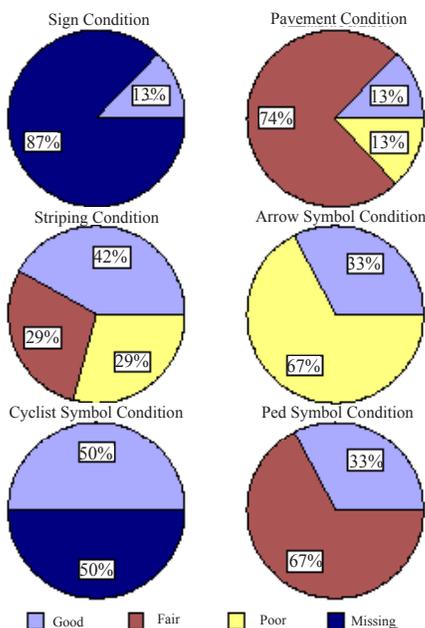


Bicycle Trails

There are very few signs on any of the Queens bicycle trails. All of them, with the exception of Joe Michael's Mile, need signs at the beginning. All of them also need signs at the end of the bicycle trails and at each access point.

Of the **pavement** in poor condition, 34 percent is because of bumps or a rough surface, 33 percent can be attributed to potholes, 11 percent to standing water, 11 percent to utility covers not flush with the pavement, and 11 percent to roots protruding from the surface.

Of the **striping** in poor condition, 67 percent is interrupted and 33 percent is worn.



Staten Island Analysis

Bicycle Lanes

Over half of the striping and pavement are in good condition. Most diamond and cyclist symbols are missing. Over half of the signs are in either good or fair condition, but there is a large percentage of signs missing.

Of the **signs** that are in poor condition, 100 percent of them have been obstructed in some way.

Of the **pavement** in poor condition, 48 percent has bumps or a rough surface, 24 percent has utility inlets that are not flush with the surface, 20 percent can be attributed to previous construction, and 8 percent to potholes.

Of the **striping** in poor condition, 25 percent has been interrupted and 75 percent is worn.

