

November 7, 2012

# New Haven Sidewalk Condition Update Report

As an update to a citywide assessment conducted in 1999, VHB has reassessed the condition of all City maintained sidewalks in the City of New Haven the sidewalks were generally evaluated on a block to block basis and were assessed as being in Excellent, Good, Fair or Poor condition. Typical examples of sidewalks in each of these condition categories appear in the photos below.

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## Excellent Condition



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Good Condition



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Fair Condition



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Poor Condition



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Material Type Summary

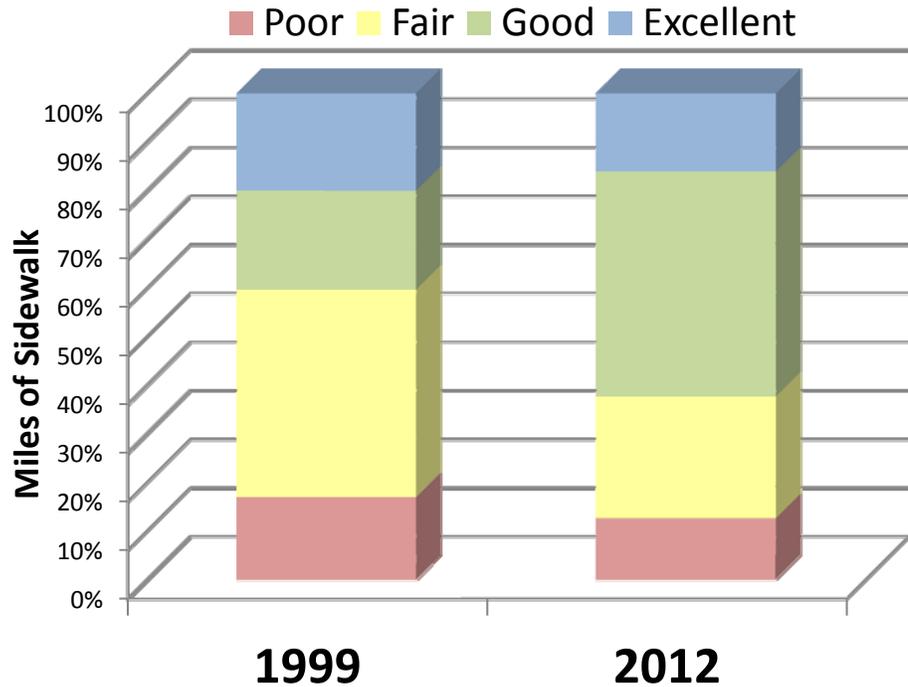
<i>Sidewalk material</i>	<i>Miles</i>
<i>Hot-mix asphalt</i>	13.9
<i>Portland Cement Concrete</i>	354.5
<i>Brick/Paver</i>	0.9
<i>Slate</i>	0.7
<i>Other</i>	0.3
	370.3

## Condition Improvement

<b>Condition</b>	<b>1999 Miles</b>	<b>2012 Miles</b>
<b>Excellent</b>	70	60
<b>Good</b>	71	172
<b>Fair</b>	149	95
<b>Poor</b>	59	43
<b>TOTAL</b>	<b>349</b>	<b>370</b>

Below is a comparison of the sidewalk conditions in 1999 versus the conditions in 2012. Since 1999, the overall condition of the City's sidewalk network has improved. While in 1999 40% of the sidewalks were in good or excellent condition (ie: in need of little or no work), today **63% of the City's sidewalk network is in good or excellent condition.**

**Comparison of Sidewalk Condition 1999 vs. 2012**



The number of miles of sidewalk in need of partial replacement (fair condition) has **declined over 54 miles** and the miles of sidewalk in need of full replacement (poor condition) has **declined 16 miles in the past 13 years**. The results also show that the City has built or replaced approximately 41 miles of new sidewalks since 1999. It should be noted that approximately 20 miles of sidewalk in the downtown area were excluded from the 1999 assessment, but were included in the 2012 assessment.

## Total Sidewalk Backlog Estimate

The total cost of repairing or replacing all sidewalks in fair and poor condition throughout the City of New Haven is estimated to be approximately \$58 million, as shown below. This cost estimate is based on an estimate that in addition to sidewalk repair, 50% of the sidewalk miles in fair condition and 80% of the sidewalk miles in poor condition also need curb repair.

<i>Condition</i>	<i>Estimated Dollar Backlog</i>
<i>Excellent</i>	\$ 0
<i>Good</i>	0
<i>Fair</i>	37,620,000
<i>Poor</i>	20,434,000
<b>TOTAL</b>	<b>\$58,054,000</b>