

# BRIDGES

<b>Vermont's "Highway" Structure Population</b> (as submitted to FHWA in April 2016)					
<b>Structure Type</b>	<b>Interstate</b>	<b>State Highway</b>	<b>Town Highway</b>	<b>Other</b>	<b>Total</b>
<b>Long Structures</b> (span length > 20 feet)	<b>310</b> (48 buried structures)**	<b>779</b> (63 buried structures)	<b>1,640</b> (111 buried structures)	<b>7</b> (1 buried structures)	<b>2,736</b> (223 buried structures)
<b>Short Structures</b> (span > 6 ft & ≤ 20 ft)	<b>210</b> (210 buried structures)	<b>1,055</b> (881 buried structures)	<b>***</b> (see note)	<b>***</b> (see note)	<b>1,265</b> (1,091 buried structures)
<b>Totals</b>	<b>520</b>	<b>1,834</b>	<b>1,640</b>	<b>7</b>	<b>4,001</b>
<b>Structurally Deficient</b> "Longs"	<b>6</b> (1.94%)	<b>44</b> (5.65%)	<b>96</b> (5.85%)	<b>1</b> (14.29%)	<b>147</b> (5.37%)
<b>Functionally Obsolete</b> "Longs"	<b>95</b> (30.65%)	<b>93</b> (11.94%)	<b>370</b> (22.56%)	<b>4</b> (57.14%)	<b>562</b> (20.54%)

\*\*Buried structures include metal culverts, concrete box culverts, frames, masonry arches, and concrete arches.

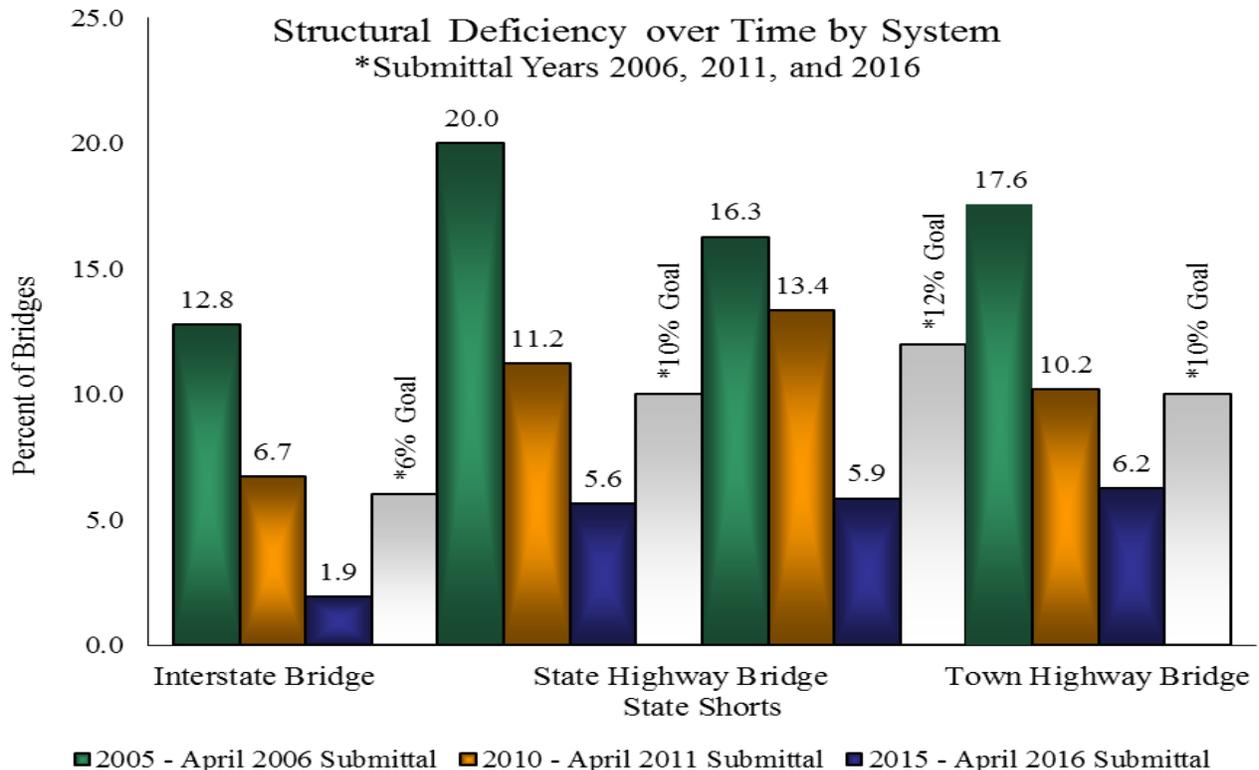
\*\*\*Note: VTrans does not maintain an inventory of town highway or other short structures

## Restricted, Posted, Closed, or Temporary Bridge

In April 2006, Vermont had 144 restricted, closed, posted, or temporary bridges. In April 2016, the number was 188. The breakdown is as follows:

<u>Restricted Bridges:</u>	<u>Posted Bridges:</u>	<u>Closed Bridges:</u>	<u>Temp Bridges:</u>
2006: 35	2006: 76 (76)	2006: 13	2006: 20
2016: 3	2016: 158 (57)	2016: 15	2016: 12
Net decrease of 32	Net increase of 82	Net increase of 2	Net decrease of 8

Posted means weight limits. Restricted relates to everything else but weight, like speed, number of vehicles, vertical clearance, etc. (Posted bridge increase generated by a unique combination of state statute and federal NBIS reporting requirements. The value shown in parentheses is more relevant. Closed bridges influenced by tropical storm Irene.)



# PAVEMENT

Provided by VTrans January 2017

## Vermont's Public Highway Network Inventory and Statistics

(based on 2016 data)

Surface Type	State						Total
	Interstate	Highway	Class 1	Class 2	Class 3	Class 4	
Paved	378	2327	139	2168	2109	8	7129
"Dirt"	0	4	0	617	6430	1622	8673
Totals	378	2331	139	2785	8539	1630	15802

Note 1: Mileages include divided highways and ramps as one mile per mile of roadway.

Note 2: Shaded area represents that portion of the Public Highway Network which VTrans is responsible for maintaining.

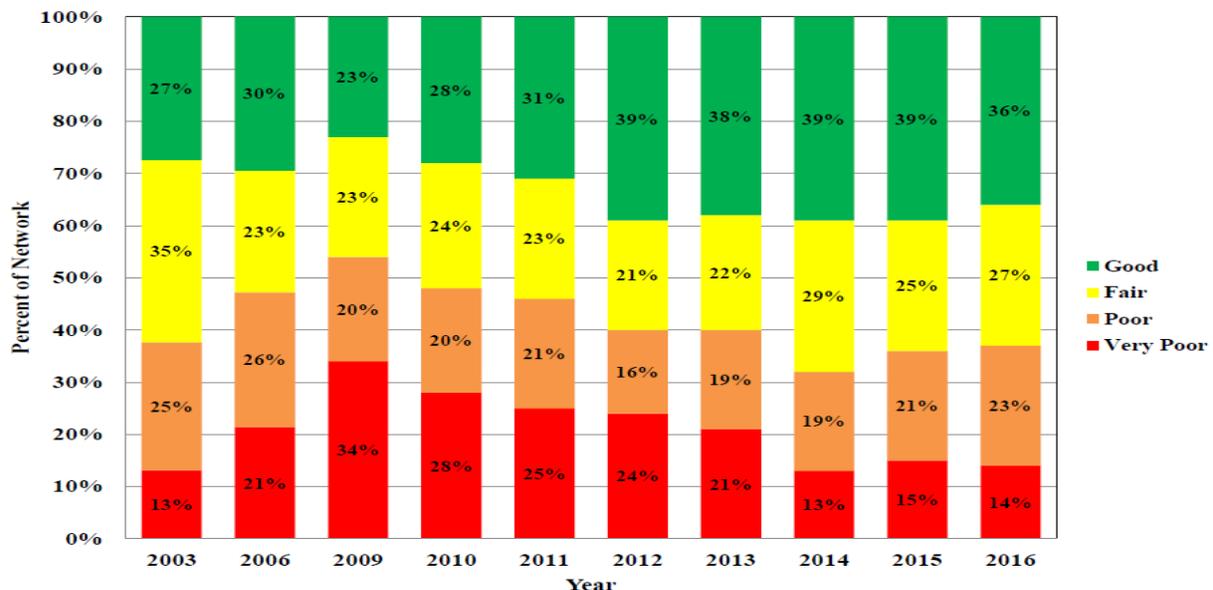
This portion of the network receives automated condition surveys. (beginning 2009 interstate and NHS state routes to be surveyed annually; remainder of the state and Class 1 systems on even years)

### PAVEMENT CONDITION DESCRIPTIONS

Like new pavement with few defects perceived by drivers.	Slight rutting and/or cracking and/or roughness become noticeable to drivers.	Multiple cracks are apparent and/or rutting may pull at the wheel and/or roughness causes drivers to make minor corrections.	Significant cracks may cause potholes and/or rutting pulls at the vehicle and/or roughness is uncomfortable to occupants. Drivers may need to correct to avoid road defects.
Composite Pavement Condition Index 80-100	Composite Pavement Condition Index 65-79	Composite Pavement Condition Index 40-64	Composite Pavement Condition Index 0-39



### Historic Pavement Condition Distribution - Unweighted



The Agency's goal is to maintain the portion of the network it is responsible for at less than 25% Very Poor.