

# VTrans Project Delivery

## What It Is

At a very high level, transportation capital projects are engineered work packages that are developed following a series of state and federal design and construction requirements. Through this process, a set of project plans and associated project specifications are developed. This package is used to solicit competitive bids from the contracting community that are used for contractor selection. Once a contractor has been awarded, VTrans is responsible for the construction oversight and materials testing to ensure the quality of the final product and compliance with state and federal regulations.

## On Time Performance

Over the last 6 years, VTrans has sharpened the focus on On-Time Delivery of capital projects.

Prior to the start of each calendar year, VTrans reviews the current and upcoming budgets and all project schedules, and makes adjustments to reflect current and predicted situations. A “snapshot” of all schedules is then taken on the 1<sup>st</sup> working day of the calendar year to document the expectations for the next 12 months. The focus of the snapshot is the bid advertisement date, the time when a project is put to the contracting community for construction bids. We then measure our delivery success for that year compared to the snapshot. Success is defined as advertising a minimum of 80% of projects no later than 30 days after the snapshot date.

### History of Performance 2012 - 2017

Year	2012	2013	2014	2015	2016	2017
On-Time	47%	69%	79%	78%	71%	85%

Tracking this data allows us to dig deeper and analyze the reasons for project delivery delays.

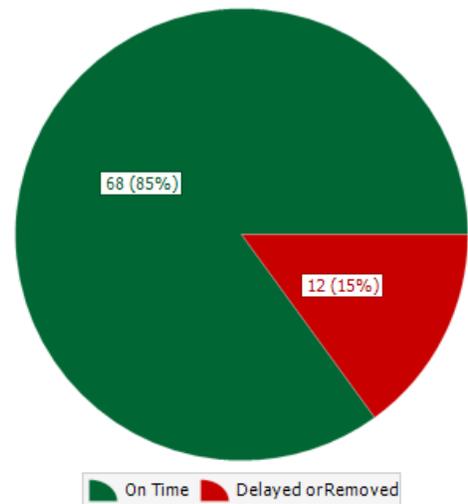
2017, shown to the right, for example, shows we delivered 68 of 80 projects on time (85%). We can then look to the Program or Project level to determine where we fell short and why. The reasons in 2017 were varied with only one phase of project development responsible for multiple delays.

Basic reasons for delay:

- 6 projects delayed due to Right-of-Way complications
- 2 projects delayed due to Design issues
- 2 projects delayed due to Local coordination issues
- 1 project delayed due to Permit complications (Act 250)
- 1 project intentionally delayed for budgetary reasons

Over the years, or even in a single year, trends can be identified and additional efforts made in those areas to correct deficiencies or enhance process, striving for continuous improvement.

2017



Program	On-Time	Delayed	% On - Time
➔ Aviation	0	0	0%
➔ Bike & Pedestrian Facilities	0	0	0%
➔ Interstate Bridges	1	0	100%
➔ Maintenance	0	0	0%
➔ Multi-Modal Facilities	0	0	0%
➔ Municipal Mitigation	0	0	0%
➔ Park & Ride Lots	0	3	0%
➔ Paving	20	2	91%
➔ Rail	12	1	92%
➔ Rail/Highway Crossings	0	0	0%
➔ Roadway Projects	11	1	92%
➔ State Highway Bridges	6	0	100%
➔ Town Highway Bridges	1	3	25%
➔ Traffic & Safety	17	2	89%
➔ Transportation Alternatives	0	0	0%
➔ <b>VTrans Program Totals</b>	<b>68</b>	<b>12</b>	<b>85%</b>