



Weigh Station Bypass Technology Guide

Choose the Best Bypass
Platform for Your Operation



PrePass is the most comprehensive weigh station bypass system in North America. More than 625,000 trucks use PrePass to legally bypass sites across every trucking corridor north to south, east to west and hundreds of places in between.

Do you need a bypass system?

Maximizing on-duty driving time is more important than ever. Couple that with increased driver retention, reduced fuel costs, and vehicle wear, it is easy to justify PrePass. The FMCSA estimates savings of \$8.68 per bypass*. But, you can determine your own cost savings with a quick return-on-investment calculation:

A.	Enter total number of trucks	5	20
B.	Enter average number of pull-ins per truck per month	12	12
C.	Enter average minutes lost per truck per pull-in*	5	5
D.	Calculate hours lost per truck per year: $(B \times C) / 60 \times 12$	12	12
E.	Enter average driver pay and benefits per hour**	\$30.60	\$30.60
F.	Wages lost per year: $(A \times D) \times E$	\$1,836	\$7,344
G.	Enter average fuel lost per pull-in (gallons)*	.55	.55
H.	Calculate fuel lost per year (gallons): $(A \times B) \times G \times 12$	396	1,584
I.	Enter average fuel cost per gallon	\$3.00	\$3.00
J.	Fuel cost per year: $H \times I$	\$1,188	\$4,752
K.	Other operational expenses**	\$18.67	\$18.67
L.	Operational costs per year: $K \times D \times A$	\$1,120	\$4,480
M.	Estimated savings per year: $F + J + L$	\$4,144	\$16,576

* U.S. Department of Transportation. "Economic Analysis and Business Case for Motor Carrier Industry Support CVISN". 2007

** American Transportation Research Institute. "An Analysis of the Operational Costs of Trucking". 2019

Calculations meant for estimation purposes only and may not reflect actual savings and benefits of the PrePass program.

What are the different bypass options?

TRANSPONDERS

Transponders offer the greatest chance of bypassing with a 99.9% data communication accuracy rate with the site.

Transponders offer electronic toll payment integration for discounts and consolidated invoicing, saving you even more time and money.

Transponders integrate with other third party bypass providers including Norpass, Oregon Green Light and Weigh2GoBC for expanded bypassing.

MOBILE APP

Works on Apple iOS, Android and select telematics devices, decreasing the footprint in the truck cab.

Easy to deploy with a simple app download and no transponder hardware to manage.

Is available at smaller sites and mobile sites where transponder infrastructure is not present, expanding bypass location opportunities.

Includes driver safety alerts including work zones, gusty wind areas, steep grades, runaway truck ramps and more.

The PrePass MOTION™ app may be used alone or paired with a transponder. The combination provides the reliability benefits of transponders plus the coverage benefits of cellular technology. Best of all, there is no additional charge for PrePass weigh station bypass subscribers.



Which PrePass Technology Is Best For You?

Maximizing on-duty driving time is more important than ever. Couple that with increased driver retention, reduced fuel costs, and vehicle wear, it may be easy to justify PrePass. To determine cost savings, start with a quick return-on-investment calculation:



Identify your primary lanes of travel and weigh stations that are typically open along these routes. Then compare this to the PrePass location map to determine which bypass technology is available at each site you frequently bypass.



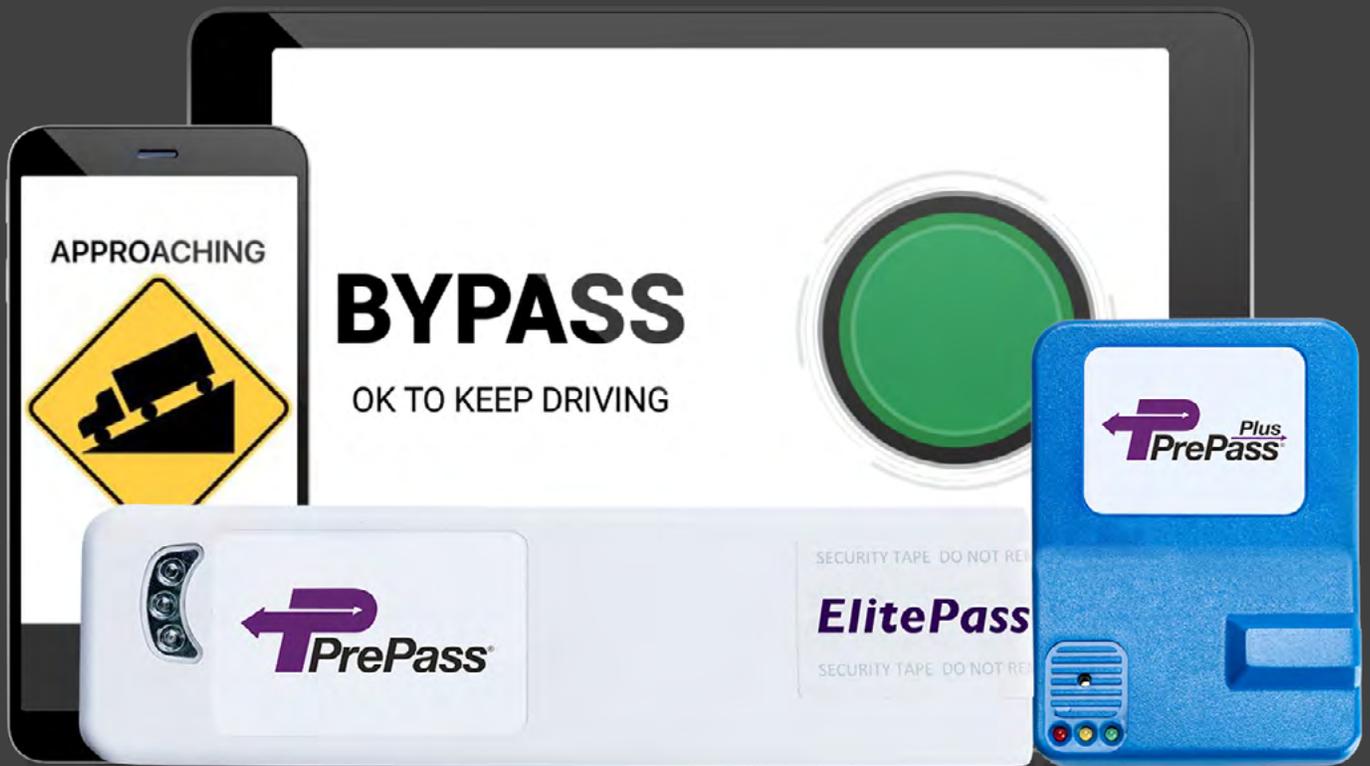
Determine your tolerance for bypass accuracy. There are scenarios where an app cellular signal is dropped or lost during the bypass process. Transponders are near 100% accurate.



Calculate time savings from the process of transponder management, including lost or stolen transponders. Apps are easy to deploy and manage from a central location.



Determine the benefit of toll management services to your operation. Toll discounts, dispute resolution, consolidated billing and PrePass INFORM Tolling data visualization software for controlling toll costs, are only available if you're using PrePass transponders.



Strategic Consultants at Work for You

PrePass Safety Alliance is dedicated to “making highways safer and more efficient through innovative data-driven solutions.” We achieve success through strategic partnerships with our customers. A truly comprehensive strategic approach requires industry-savvy individuals who take the time to understand before prescribing the solution.

PrePass consultants provide industry and technical expertise to find areas of improvement within your organization. But first, we start with an understanding of your business operation, goals, objectives, and business challenges. Our solutions include a suite of powerful interoperable systems— weigh station bypass, toll payment management and data insight tools. These systems, in addition to our consultative approach, help you improve safety, reduce compliance risk, and control operating costs within a single, comprehensive program.

Contact us today at prepass.com/contact or (800) 773-7277 option #2

