Probe Data Analytics │ Calendar Year 2016 Deployments

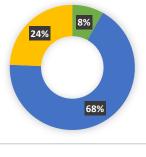## Summary

9 Q4 Improvements

- 0 **Major New Features**
- 4 **Functional Enhancements**
- 5 **Significant Bug Fixes**

0%
44%
56%

37 YTD Improvements

- 3 **Major New Features**
- 25 **Functional Enhancements**
- 9 **Significant Bug Fixes**

8%
24%
68%

Detail

Improvement	Tool(s) Affected	Description	Deploy Date
UDC Volume Prioritization Bug Fix		Fixes a problem that occurred when a user did not open the volume selector popup in UDC, no AADT Priority is provided to Raptor.	**12.13.2016**
Performance Chart Bug Fix		Fixes a bad direction value determination process so a Performance Charts query won't get stuck in an infinite loop and not finish.	**12.12.2016**
Add NCDOT as a Volume Option	PROBE DATA ANALYTICS SUITE	Add NCDOT as an option for volume data, similar to VDOT in VPP.	**11.14.2016**
Update Bottleneck Ranking Wording		Update the header in the Bottleneck Info Table - change 'Bottleneck Head location' header to 'Head Location (approximate)' and update the Element Graph Popup Wording - change 'location' to 'approaching location.'	**10.25.2016**
Ranked Bottleneck Table View for Congestion Scan Error Message		Addresses an issue for a Ranked Bottleneck Table in Dashboard - clicking on the Congestion Scan icon to open that app for a selected bottleneck, you may get an error message that the road information does not contain sufficient details to process a congestion scan.	**10.25.2016**
Michigan User Delay Analysis		Allows Hadoop to calculate the percentage of TMC (using mile marker data) in Road Selection.	**10.25.2016**
Dashboard Bug Fix		Fixes an issue in **Dashboard**, where widgets wouldn't rearrange after closing some of them.	**10.02.2016**
Region Explorer Bug Fixes		Fixes an issue with the **Bottleneck Table** not showing the corresponding State that affected using the State filter.	**10.02.2016**
Florida Analytics Merge	PROBE DATA ANALYTICS SUITE	Roll the Florida Analytics into **Probe Data Analytics**, in line with the rest of the I-95 Corridor Coalition	**10.02.2016**

Large-scale, system-wide efforts (that extend beyond one quarter & aren't included above)

Backend Hadoop System †	hadoop	Working with Hadoop experts to configure the hardware for maximum storage and performance capabilities.	
Flash Migration †		Removing the dependence on Flash by reworking the front end to newer web standards.	

Key

Major New Features
Provides you with significant new abilities to interact with the tools in ways you couldn't do before.

Functional Enhancements
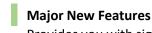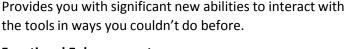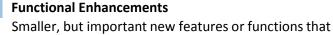Smaller, but important new features or functions that help existing tools work better, faster or more efficiently.

Significant Bug Fix
Corrects errors, flaws or faults in the system that may have been confusing, annoying or inhibiting.

† Substantial, high-value deploys.