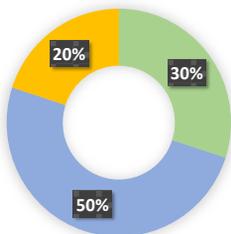


Summary

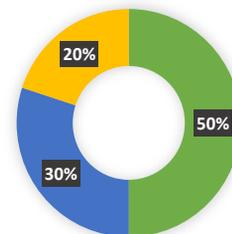
9 Q2 Improvements

- 3 Major New Features
- 5 Functional Enhancements
- 1 Significant Bug Fix



15 YTD Improvements

- 5 Major New Features
- 8 Functional Enhancements
- 2 Significant Bug Fixes



Detail

Improvement	Tool(s) Affected	Description	Deploy Date
"Switch to" from Bottleneck Ranking results		Adds controls allowing UDC reports and Performance Charts reports to be generated from a ranked bottleneck location	06.05.2017
New Bottleneck Ranking measures		Introduces four new metrics to Bottleneck Ranking: Speed-differential-impact, speed-percent-impact, volume estimate, and delay surrogate	06.05.2017
Tutorials play migration to web standards		Replaces the flash video player with a web standards implementation	05.30.2017
Advanced image export controls		Adds an image export preview with controls over image size, fonts, and colors	05.30.2017
Performance Charts migration to web standards		Replaces the Flash implementation of the Performance Charts results page with a web standards implementation	05.30.2017
MAP-21 Final Ruling Support		Updates the MAP-21 Dashboard widgets to support the measures in the final MAP-21 ruling, allowing you to track your progress toward the federally-mandated reporting requirements that went into effect on May 20th. (NOTE: As the draft measures are no longer applicable, we have removed all draft measure widgets from our users' dashboards.)	05.22.2017
Recenter Button Enhancement		Introduces a "re-center" button on the map on each query form.	05.22.2017
Auto-zooming Fix		Disables auto-zooming on the map when you add or remove segments for a better user experience	05.22.2017
Performance Summaries Enhancement		Removes the limit on the number of segments that can be queried using Performance Summaries	05.22.2017

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

Backend Hadoop System [†]		Continuing to configure the hardware for maximum storage and performance capabilities.
Flash Migration [†]		Continuing to remove the dependence on Flash by reworking the front end and back ends 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.