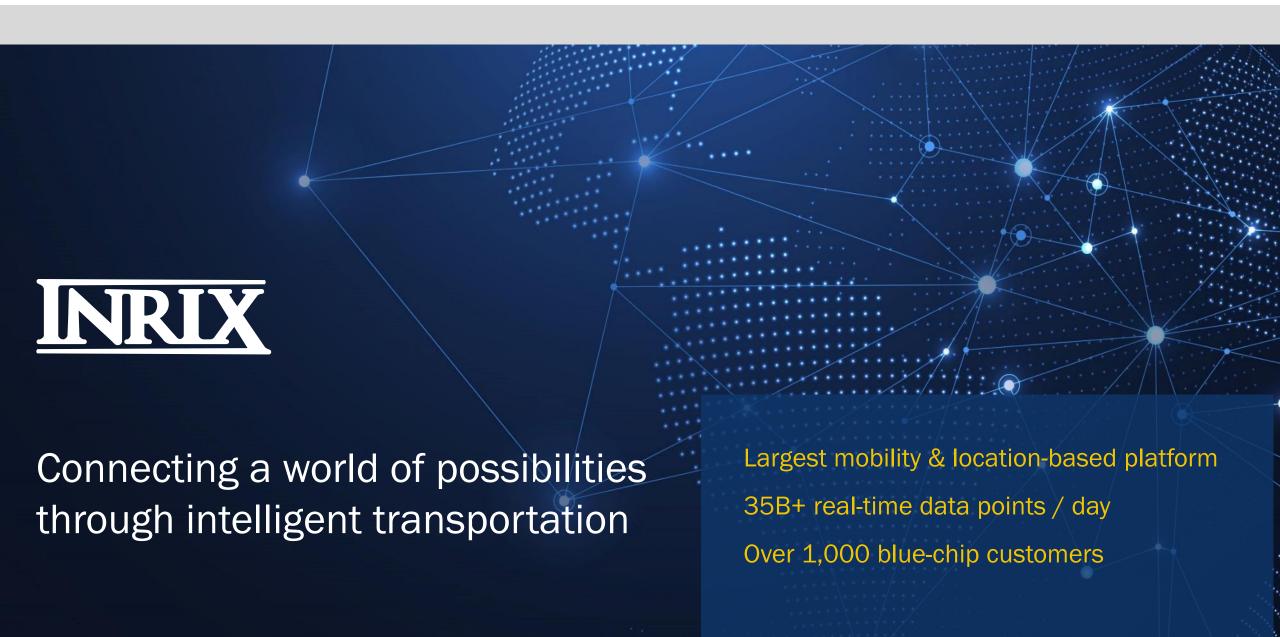
A company with deep expertise in mobility data & insights



Agenda

Foundational Data

Trips Dataset

Signal Analytics

NJ Signal Inventory
Dashboard
Intersection Analytics Powered by CATT Lab
Q&A





INRIX Foundational Data

GPS Devices, Covering 5+ Million Miles of Road Cars Trucks Mobile Devices 100+Million Trips Per Day, Nationwide Device ID, Trip ID, Location, Heading, Speed

The INRIX IQ Suite of mobility intelligence solutions

IQ suite

Anonymized locationbased data

Faster and smarter to improve decision-making

Foundational Data Trip Paths Dataset

Signal Analytics Demo



INRIX Foundational Data

GPS Devices, Covering 5+ Million Miles of Road Cars Trucks Mobile Devices 100+Million Trips Per Day, Nationwide Device ID, Trip ID, Location, Heading, Speed

INRIX GPS National Data Growth

Growth by a factor of 10x

January 2019: 8.3M Trips per day Average



January 2020: 100M Trips per day Average







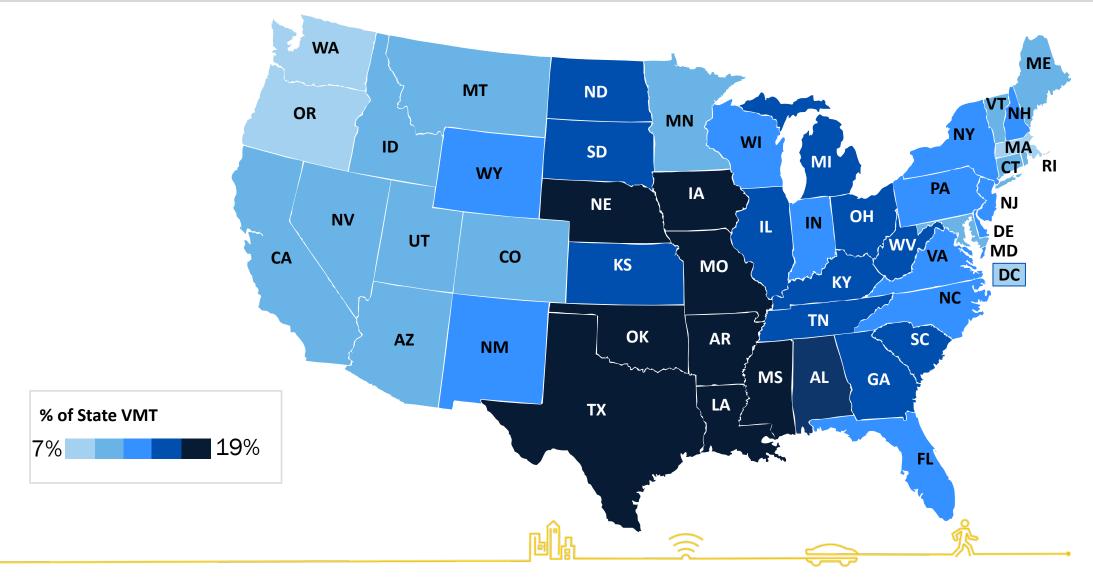






Average 'INRIX Fleet' VMT Penetration (as of Feb 2021)

Daily Nationwide Average: ~100 million trips, ~1 billion+ miles, ~12.7% of National VMT*

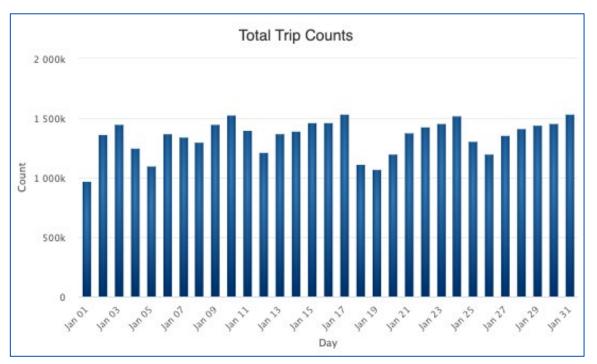


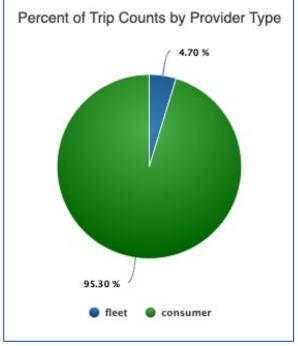


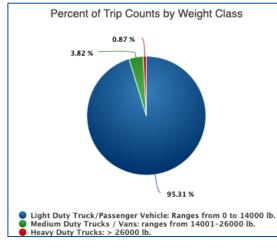
INRIX Trip Path Metrics

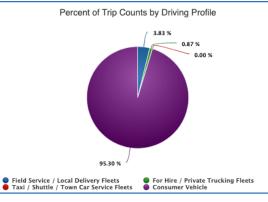
Maryland Trip example February 2020





















INRIX Trip Path Dataset

Origin/Destination + Paths

Trip Paths Files:







- Trip Start/End Time
- Trip Start/End Latitude & Longitude
- Trips Start/End Zone
- Anonymous Device ID
- Provider ID and Max Speed, Distance
- Endpoint Quality Type
- Trip Mean Speed, Max Speed

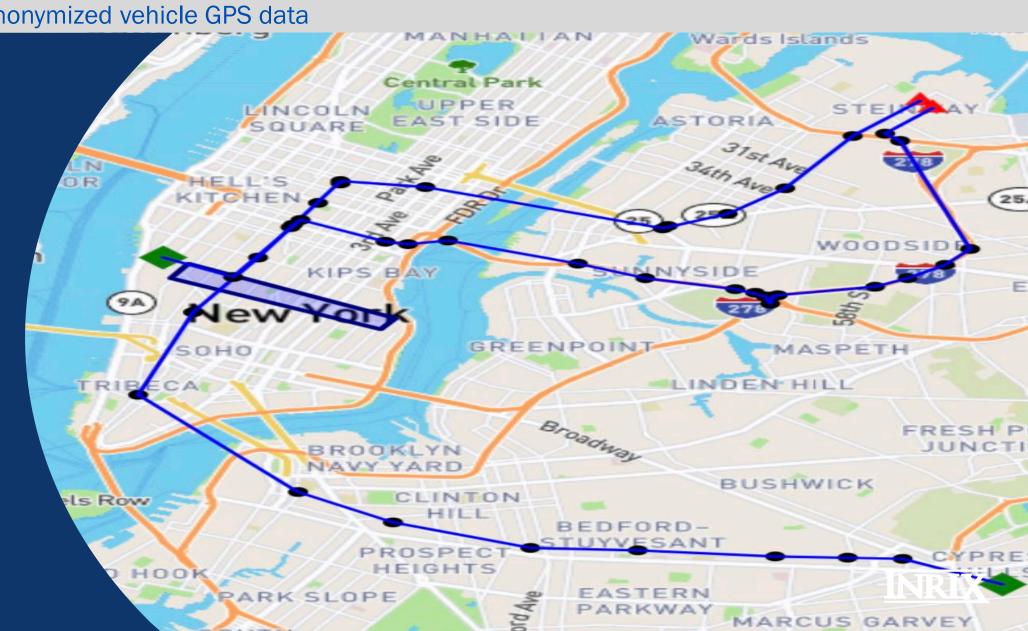


What is a Trip Path

Actual historical, anonymized vehicle GPS data

Vehicle **GPS** Data

- Paths utilize OSM road network information including speed limits and directionality
- Easier to compute corridor travel times and turn ratios
- Matching trips by road segment
- Full corridor view as opposed to points on a map
- Easy Segment Ordering



INRIX Trip Use Case Examples in NYC

Real world use cases



Myriad of Use Cases

Anonymized locationbased data

Faster and smarter to improve decision-making and measure the impact of change.

Open Streets

Determine re-routes (diverted trips) resulting from street closures



Freight Hub Connections to NYC Multimodal Freight Network

Hunts Point Coop Market home to 8,500 jobs, distributes 12% of all food to NYC and generates 15k daily truck trips

Construction Mitigation Effectiveness

Before/After trip patterns including alternate parallel routes

Turning Movement Counts

Turning Movements at the intersection level (coming soon)

Travel Demand Modeling

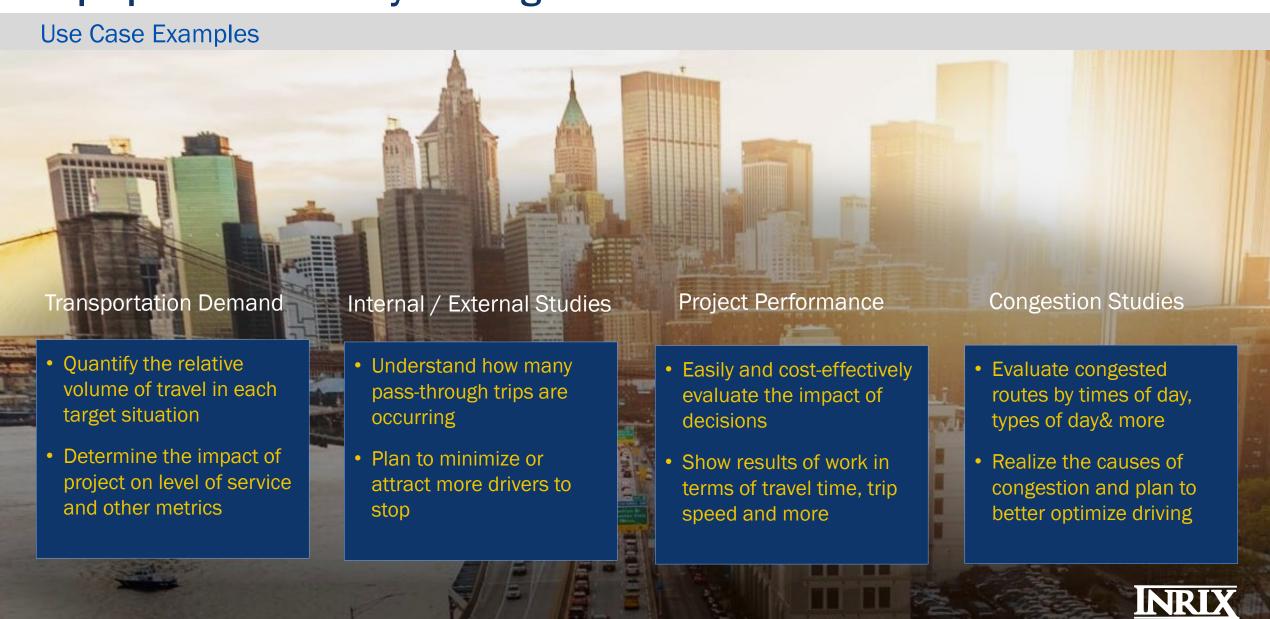
14th Street Busway Project.

EV Infrastructure Planning

Number of cars moving through corridors to plan for efficient curb usage



Trips provide a variety of insights



IQ Signal Analytics

Think beyond equipment and infrastructure



INRIX IQ Signal Analytics

Foundational GPS data used in Signal Analytics

High—Frequency GPS Data (~3 second)

Dramatic Increase Data -

Systemwide

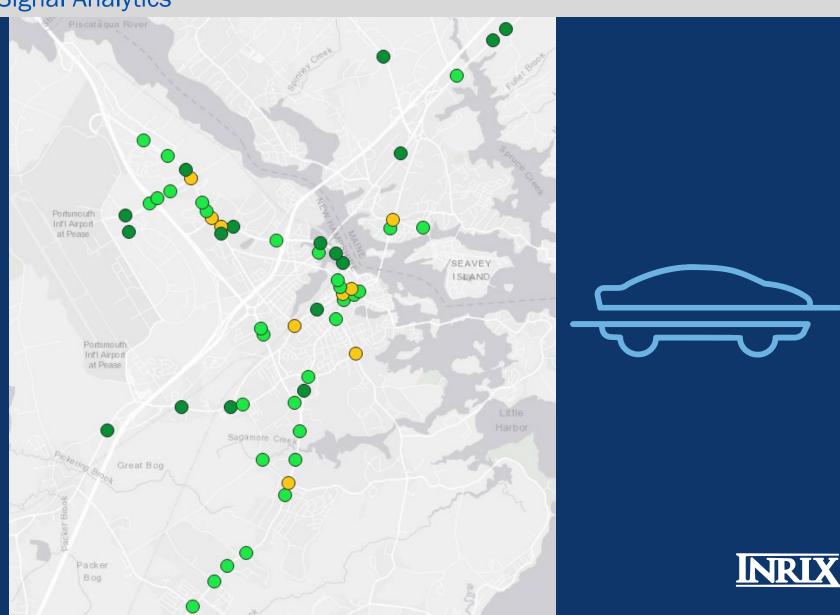
Scalable, Remote Evaluation

of **ALL** Signals and Corridors

NO Field Infrastructure

Continuous Data Collection

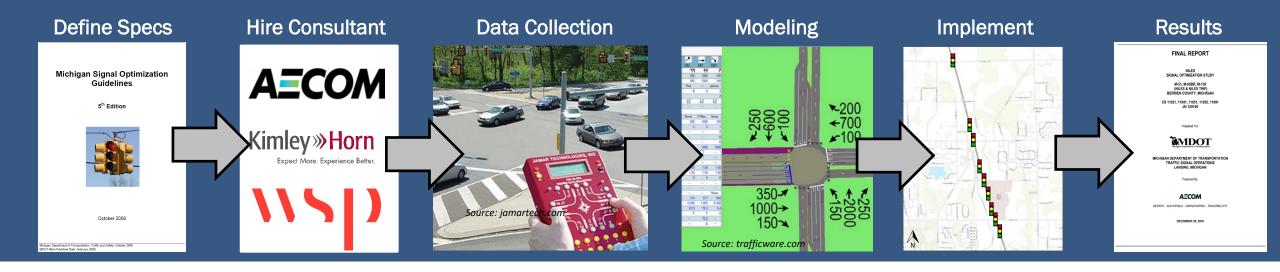
Allows Analysis of any Time



The Traditional Signal Management Process

Shifting from Reactive to Proactive Management of Signals

Traditional Approach







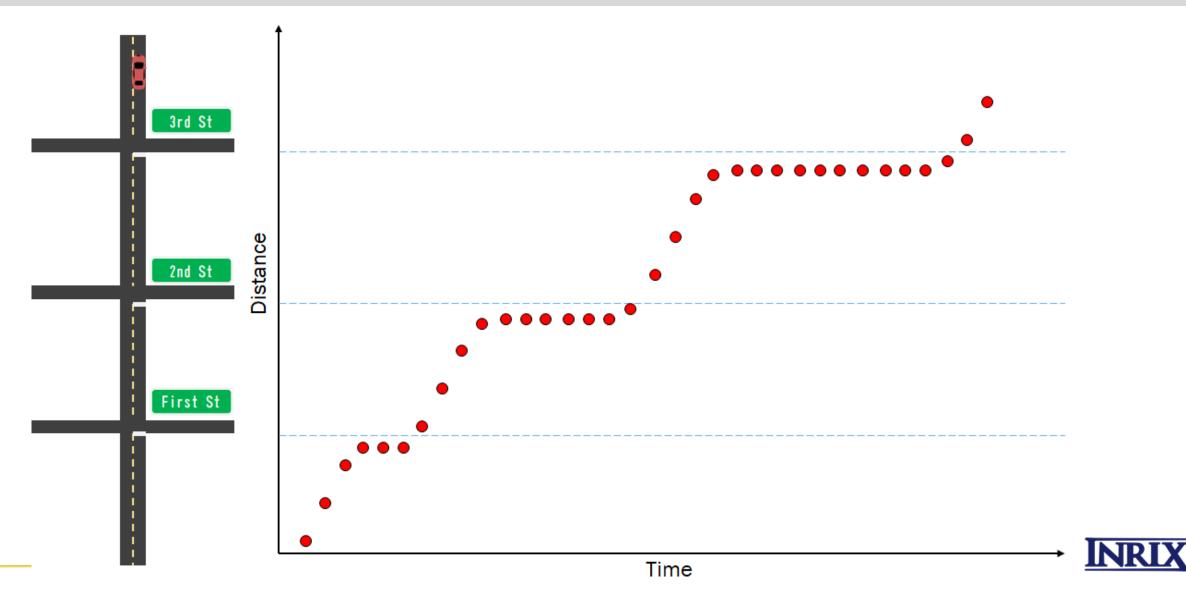






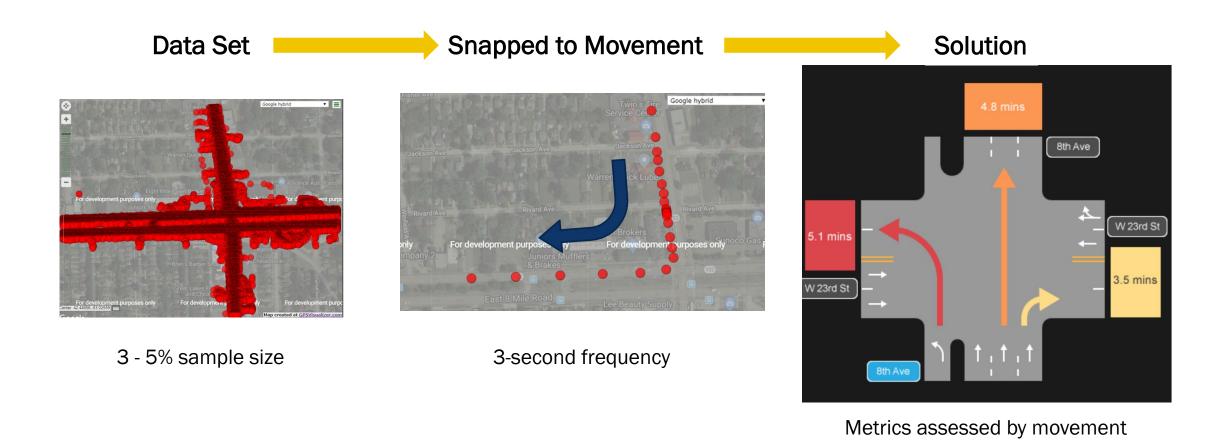
How do we use CV data to understand intersection performance?

Time Space Diagram



INRIX Signal Analytics

Vastly richer data set means signal analytics is finally possible







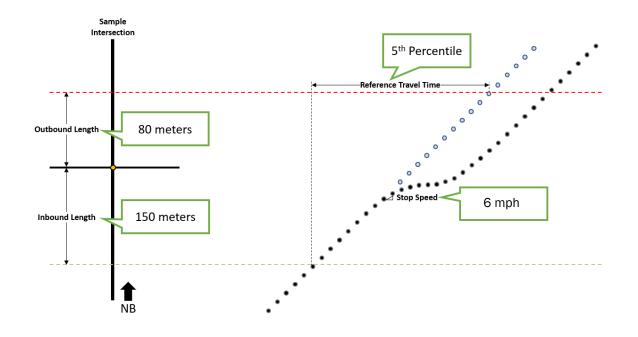






Signal Performance Metrics

Aggregated from individual trajectories



- Percent Arrival on Green (POG): Minimum vehicle speed above 6 mph
- Vehicle Count and Stopped Vehicle Count
 - Observed vehicle crossings
- Travel Times through the intersection, average and maximum
- Travel Speeds through the intersection, average and maximum
- Control Delay, average and maximum (the extra time required at an intersection due to slowing attributed to the signal compared to measured free-flow speeds).
- Split Failure: Vehicles that stop two or more times in queue





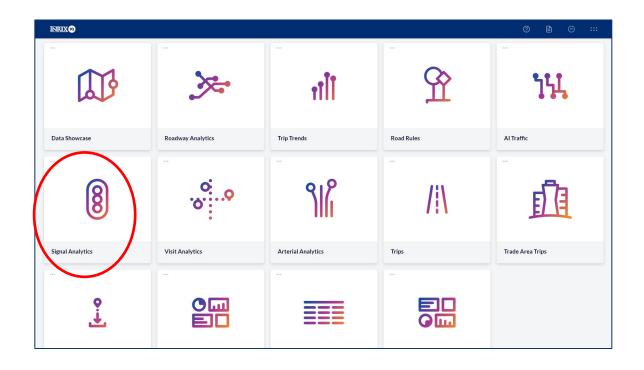


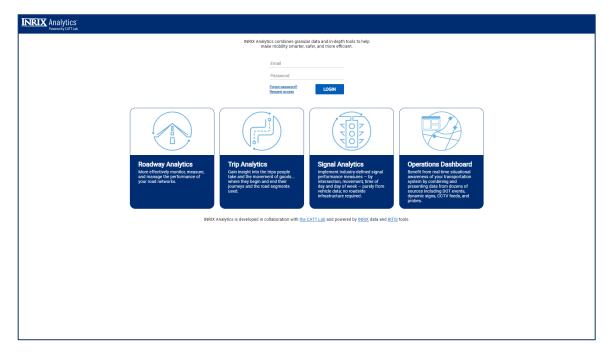




INRIX Signal Analytics – Two Modules

Daily Reports/Dashboards + Intersection Analysis, Powered by CATT















IQ Signal Analytics

Tool Demonstration

System Wide
Daily Reports
Dashboards

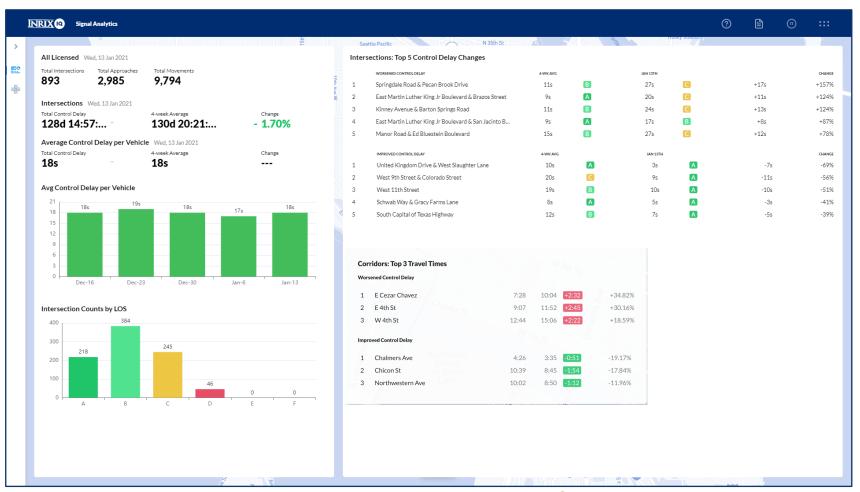
Intersection
Analysis
Powered by the CATT Lab





Daily Report - Dashboard

Updated automatically each morning



- Agency defined:
 - Intersections
 - Peak Period Times
- Complete system report generated daily
- Daily performance assessed against previous 4-week average for specific day
- Significant changes highlighted















All Licensed Wed, 13 Jan 2021

Total Intersections **893**

#

Total Approaches **2,985**

Total Movements

9,794

Intersections Wed, 13 Jan 2021

Total Control Delay **128d 14:57:...**

4-week Average 130d 20:21:...

Change - 1.70%

Average Control Delay per Vehicle Wed, 13 Jan 2021

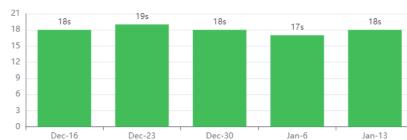
Total Control Delay

18s

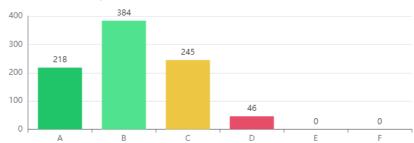
4-week Average **18s**

Change

Avg Control Delay per Vehicle



Intersection Counts by LOS



Intersections: Top 5 Control Delay Changes

	WORSENED CONTROL DELAY	4-WK AVG		JAN 13TH			CHANGE
1	Springdale Road & Pecan Brook Drive	11s	B	27s	C	+17s	+157%
2	East Martin Luther King Jr Boulevard & Brazos Street	9s	A	20s	C	+11s	+124%
3	Kinney Avenue & Barton Springs Road	11s	В	24s	C	+13s	+124%
4	East Martin Luther King Jr Boulevard & San Jacinto B	9s	A	17s	В	+8s	+87%
5	Manor Road & Ed Bluestein Boulevard	15s	В	27s	C	+12s	+78%
	IMPROVED CONTROL DELAY	4-WK AVG		JAN 13TH			CHANGE
1	United Kingdom Drive & West Slaughter Lane	10s	A	3s	A	-7s	-69%
2	West 9th Street & Colorado Street	20s	C	9s	A	-11s	-56%
3	West 11th Street	19s	B	10s	A	-10s	-51%
4	Schwab Way & Gracy Farms Lane	8s	A	5s	A	-3s	-41%
5	South Capital of Texas Highway	12s	В	7s	A	-5s	-39%

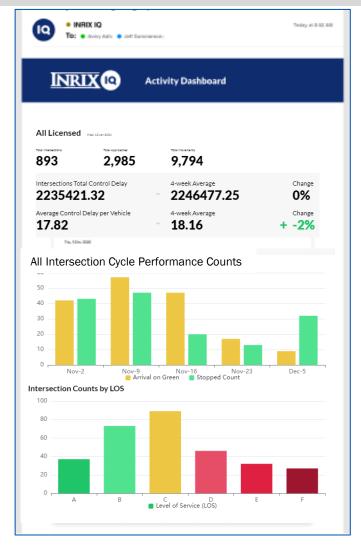
Corridors: Top 3 Travel Times

Worsened Control Delay

	,				
1	E Cezar Chavez	7:28	10:04	+2:32	+34.82%
2	E 4th St	9:07	11:52	+2:45	+30.16%
3	W 4th St	12:44	15:06	+2:22	+18.59%
Impr	oved Control Delay				
1	Chalmers Ave	4:26	3:35	-0:51	-19.17%
2	Chicon St	10:39	8:45	-1:54	-17.84%
3	Northwestern Ave	10:02	8:50	[-1:12]	-11.96%

Daily Email Summary

Updated and delivered automatically each morning





- System Summary
 Statistics
 - Total Control Delay
 - Average per Vehicle
- Intersection Performance Counts by Metric
 - Arrival in Green
 - Level of Service
- Top 5 Intersections
 - o Change in Delay
- Corridor Summary





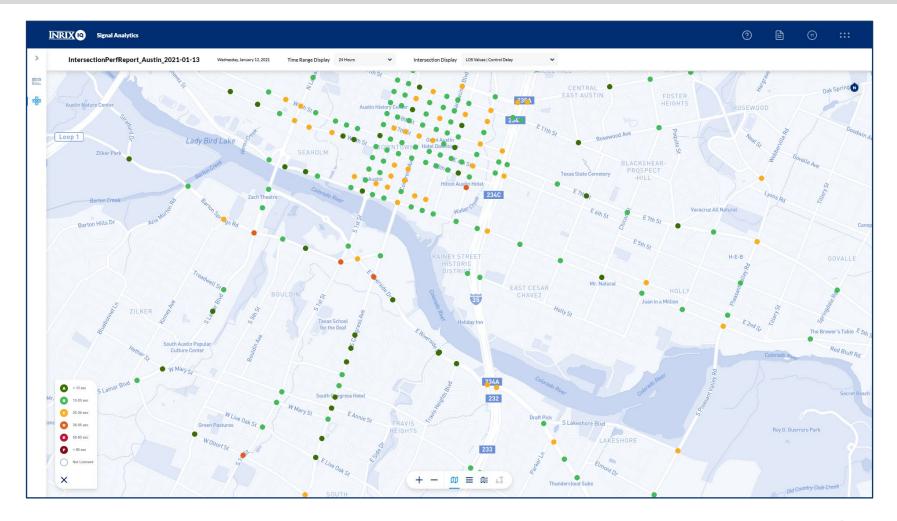






Systemwide Map View

Ability to select a single or group for intersection details



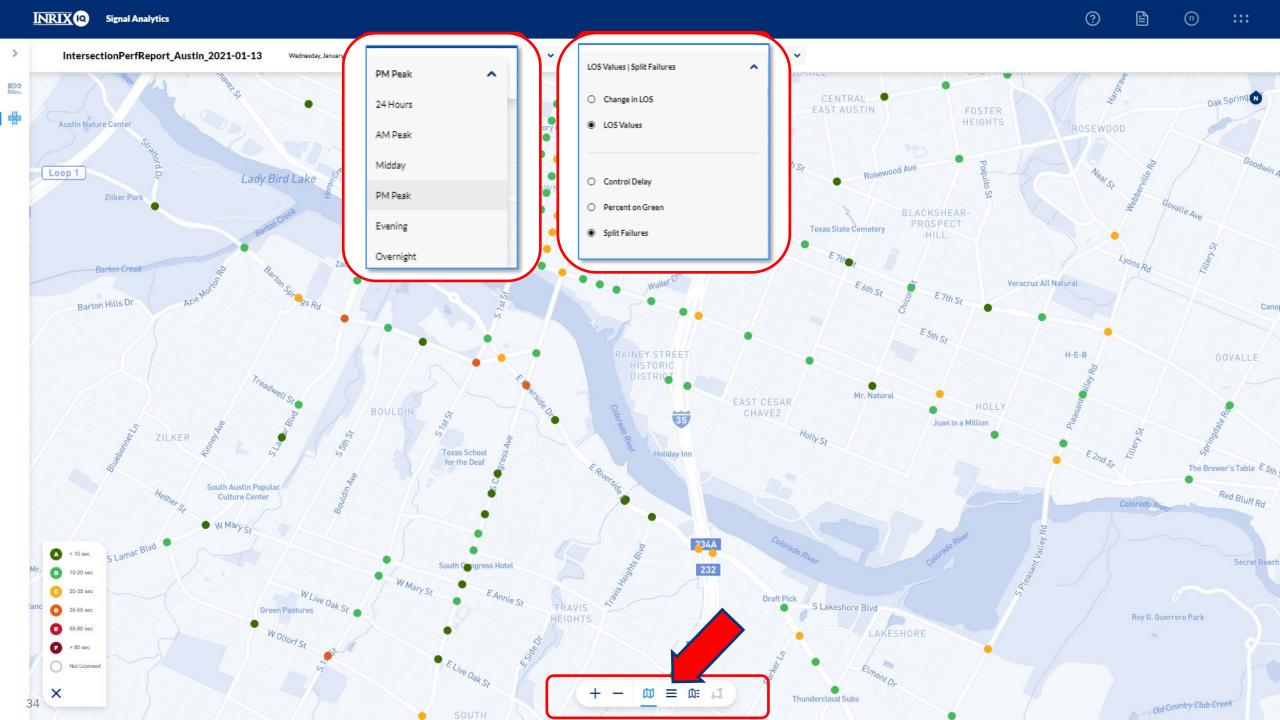










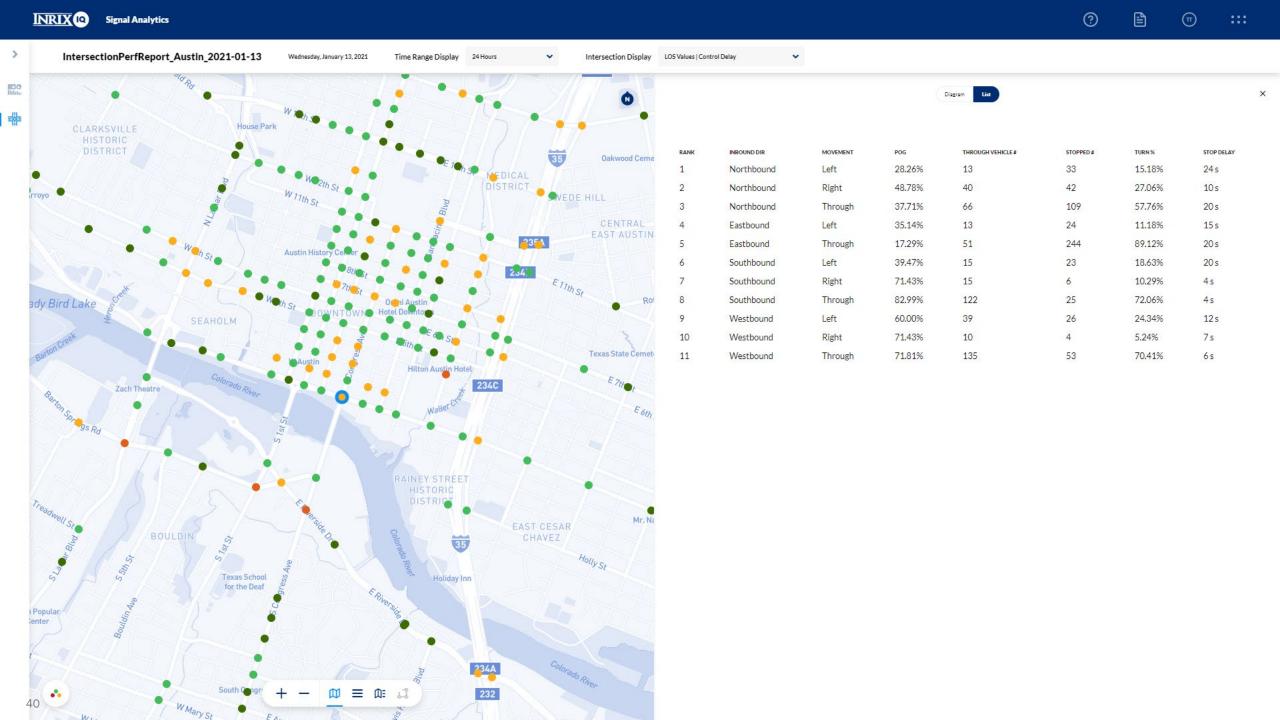






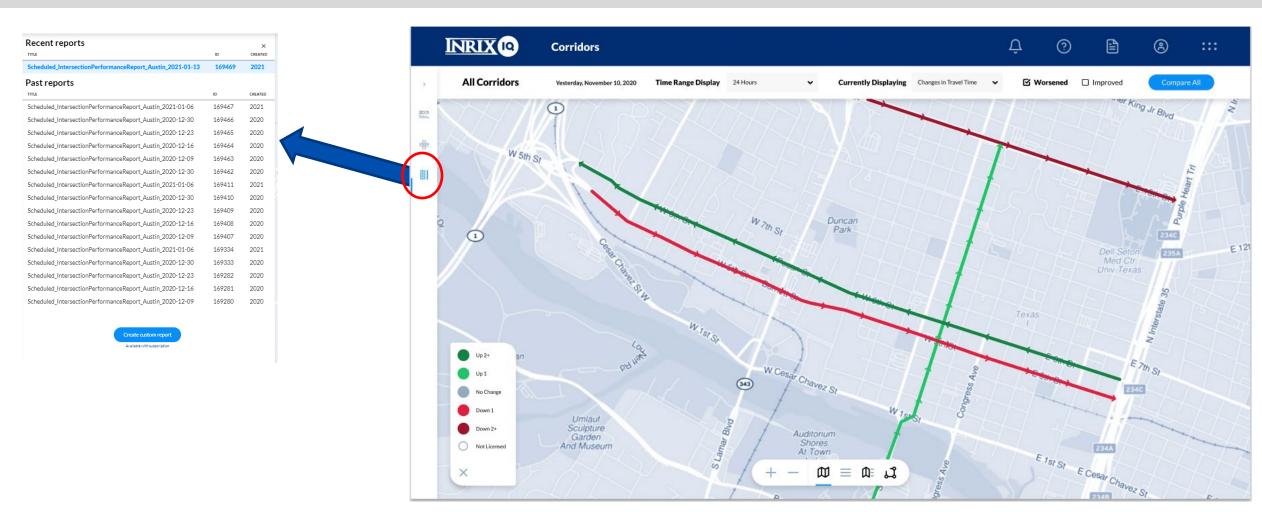


>	Inters	sectionPerfReport_Austin_2021-01-13 Wednesday, January 13, 2021 Time Range Display	24 Hours	Scaled Observed	Download 🛎 Ed	dit Columns 🕶				
	SELECTED	INTERSECTION	PERCENT ON GREEN	TOTAL VEHICLE VOLUME	THROUGH VEHICLE VOLUME	STOPPED VEHICLE VOLUME	SPLIT FAILURE VOLUME	SPLIT FAILURE %	AVG. CONTROL DELAY	AVG. TRAVEL TIME
Hilds.	0	Orchard Ridge Boulevard & East Slaughter Lane	88.26%	9,112	8,042	1,070	17	0.18%	7s	17s
华	0	East Slaughter Lane & Orchard Ridge Boulevard	89.75%	8,159	7,323	836	0		6s	16s
	0	East Slaughter Lane	59.98%	18,482	11,086	7,396	33	0.18%	15s	25s
	0	South 1st Street & Taft Lane	73.44%	12,330	9,055	3,276	0		9s	21s
	0	South Interstate 35 & East Slaughter Lane	59.34%	32,487	19,278	13,209	162	0.50%	28s	41s
	0	South Interstate 35 & West Slaughter Lane	59.09%	29,631	17,509	12,122	114	0.38%	27s	40s
	0	West Slaughter Lane & South Congress Avenue	38.01%	32,016	12,170	19,846	1,460	4.56%	47s	62s
	0	West Slaughter Lane & Cullen Lane	66.03%	24,624	16,258	8,365	618	2.51%	29s	44s
	0	Alice Mae Lane & West Slaughter Lane	66.23%	12,287	8,137	4,150	228	1.85%	24s	38s
	0	West Slaughter Lane & Alice Mae Lane	86.20%	11,441	9,863	1,579	130	1.14%	9s	21s
	0	Southpark Meadows Drive & West Slaughter Lane	83.57%	25,817	21,574	4,243	34	0.13%	7s	19s
	0	West Slaughter Lane & South 1st Street	40.36%	33,191	13,396	19,795	68	0.21%	32s	45s
	0	West Slaughter Lane & Menchaca Road	29.68%	31,862	9,458	22,405	239	0.75%	40s	54s
	0	West Slaughter Lane	97.89%	8,686	8,503	184	0		5s	17s
	0	Sugarberry Lane & West Slaughter Lane	78.49%	26,136	20,514	5,621	18	0.07%	9s	20s
	0	Texas Oaks Drive & West Slaughter Lane	87.86%	24,333	21,380	2,953	0		6s	17s
	0	West Slaughter Lane & Palace Parkway	89.29%	23,145	20,666	2,479	0		5s	16s
	0	United Kingdom Drive & West Slaughter Lane	94.08%	22,833	21,481	1,352	0		3s	13s
	0	West Slaughter Lane	69.22%	18,438	12,763	5,675	55	0.30%	13s	25s
	0	Monarch Drive & Menchaca Road	87.68%	14,306	12,543	1,763	0		6s	17s
	0	West Slaughter Lane & Curlew Drive	86.56%	17,523	15,168	2,355	0		6s	18s
	0	West Slaughter Lane	90.13%	19,164	17,272	1,892	0		5s	16s
	0	West Slaughter Lane & West Gate Boulevard	82.90%	20,064	16,633	3,431	0		8s	19s
	0	East William Cannon Drive & South Pleasant Valley Road	43.67%	15,775	6,888	8,886	119	0.76%	26s	38s
	0	West Slaughter Lane & Brodie Lane	35.17%	34,051	11,977	22,074	60	0.18%	35s	49s
	0	South Pleasant Valley Road & Nuckols Crossing Road	59.91%	6,536	3,916	2,620	0		11s	24s
	0	Dittmar Road & Menchaca Road	59.75%	16,346	9,767	6,579	0		18s	30s
	0	East William Cannon Drive	73.96%	15,742	11,643	4,099	30	0.19%	9s	20s
	0	West Slaughter Lane & Wolftrap Drive	89.26%	24,393	21,774	2,619	20	0.08%	4s	16s
	0	Village Square Drive & South Pleasant Valley Road	94.85%	4,312	4,090	222	0		5s	18s
	0	West Slaughter Lane	85.22%	25,327	21,	3,742	0		5s	16s
	\sim	E WARRE OF BUILDING CO. D. I.	07.4007	(+ − ₩ ≡	ı ıl	45 700	007	4.0007	05	50



Corridor Report (coming soon)

View corridors the agency has chosen to monitor



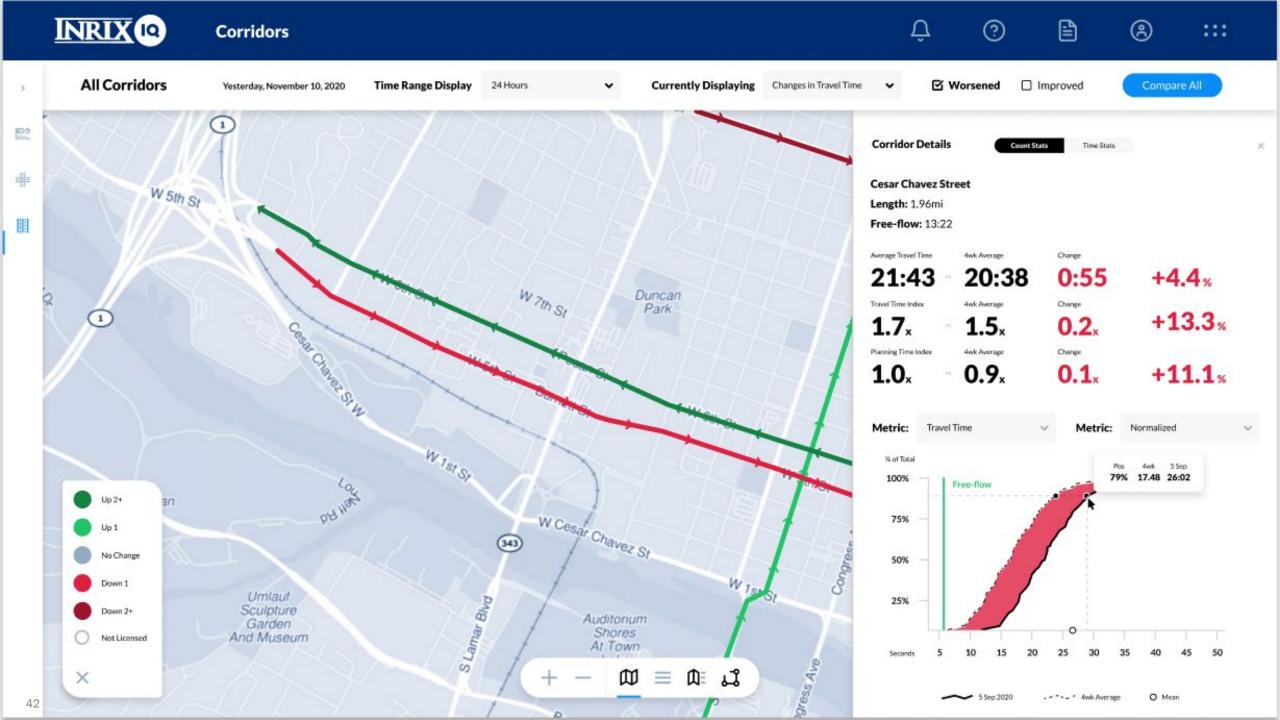












INRIX (0) ② Corridors **All Corridors Time Range Display Currently Displaying** Changes in Travel Time ☑ Worsened Yesterday, November 10, 2020 24 Hours Recent reports CREATED Corridor Details Scheduled_IntersectionPerformanceReport_Austin_2021-01-13 2021 Past reports CREATED Cesar Chavez Street Scheduled_IntersectionPerformanceReport_Austin_2021-01-06 169467 2021 Scheduled_IntersectionPerformanceReport_Austin_2020-12-30 169466 2020

W Ist Sy

(343)

S Lamar Blvd

Duncan

Park

W

gress A

0

W Cesar Chavez St

Auditorium

Shores

At Town

Scheduled_IntersectionPerformanceReport_Austin_2020-12-23

Scheduled_IntersectionPerformanceReport_Austin_2020-12-16

Scheduled_IntersectionPerformanceReport_Austin_2020-12-09

 $Scheduled_IntersectionPerformanceReport_Austin_2020-12-30$

Scheduled_IntersectionPerformanceReport_Austin_2021-01-06

 $Scheduled_IntersectionPerformanceReport_Austin_2020-12-30$

Scheduled_IntersectionPerformanceReport_Austin_2020-12-23

Scheduled_IntersectionPerformanceReport_Austin_2020-12-16

Scheduled_IntersectionPerformanceReport_Austin_2020-12-09

Scheduled_IntersectionPerformanceReport_Austin_2021-01-06

 $Scheduled_IntersectionPerformanceReport_Austin_2020\text{-}12\text{-}30$

Scheduled_IntersectionPerformanceReport_Austin_2020-12-23

Scheduled_IntersectionPerformanceReport_Austin_2020-12-16

 $Scheduled_IntersectionPerformanceReport_Austin_2020-12-09$

Up 2+

Up 1

No Change

Down 1

Not Licensed

×

43

169465

169464

169463

169462

169411

169410

169409

169408

169407

169334

169333

169282

169281

169280

2020

2020

2020

2020

2021

2020

2020

2020

2020

2021

2020

2020

2020

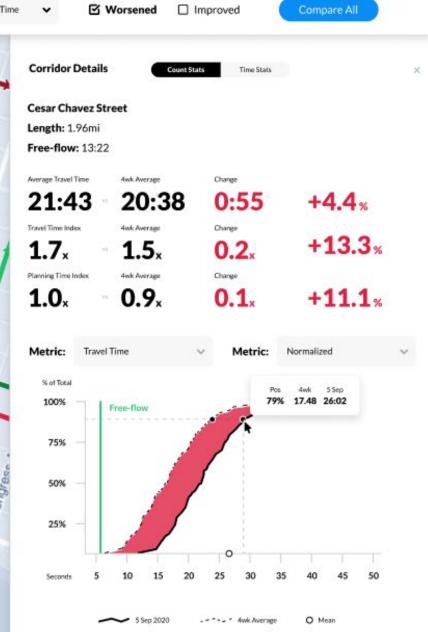
2020

Umlauf

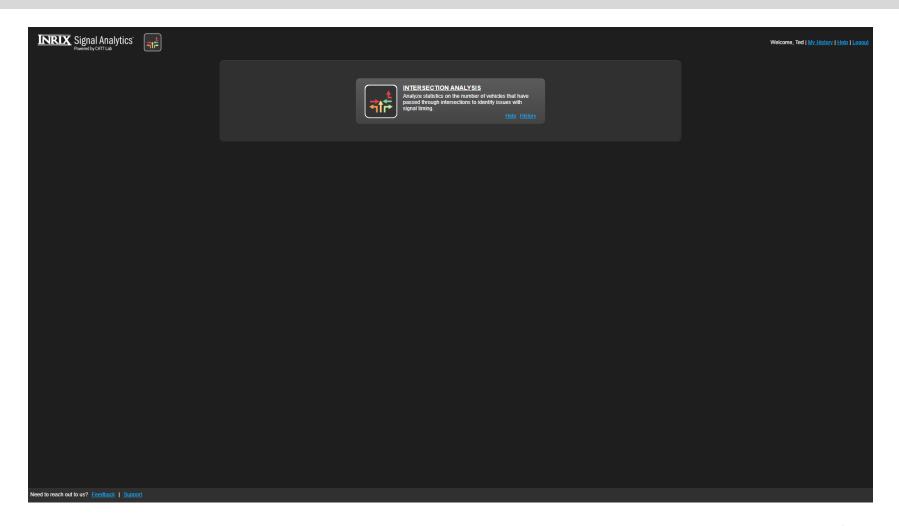
Sculpture

Garden

And Museum



Intersection Analysis













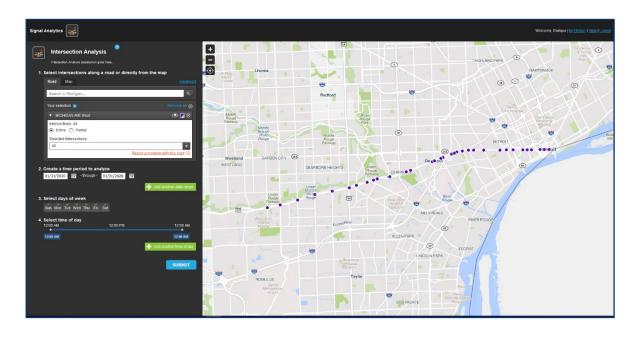
Selection Options

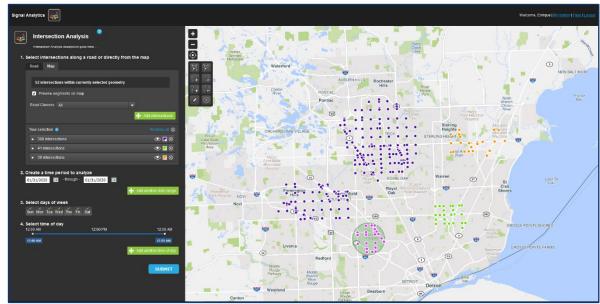
Road or Zone selection

Road Name

- or -

Zone







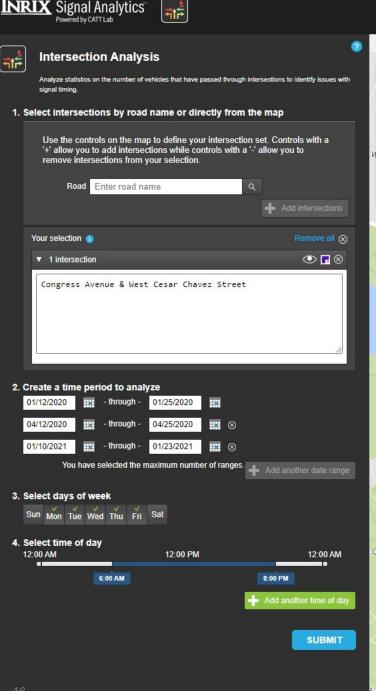


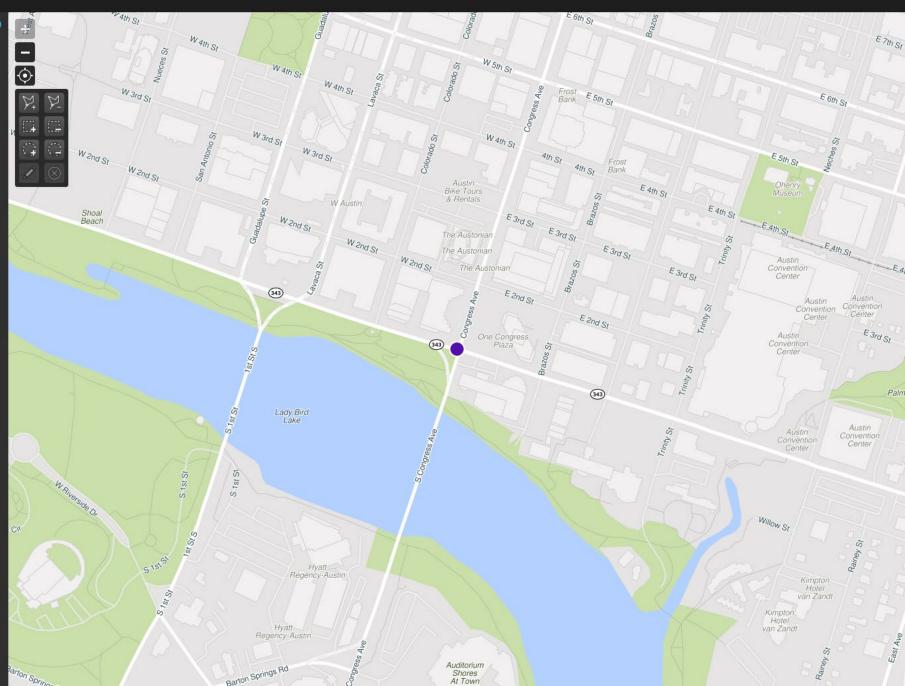






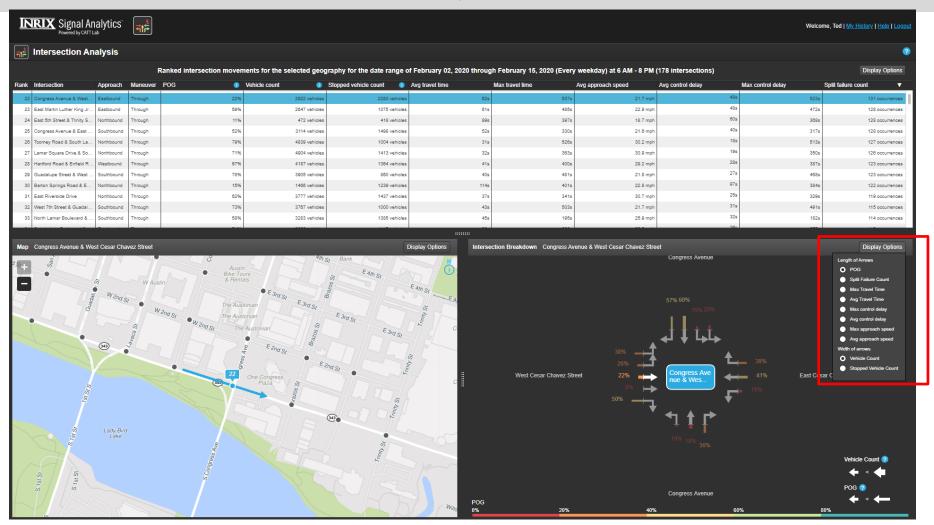






INRIX Signal Analytics

Performance Measures for intersection by movement



Display Options by Metric: by movement

- Arrival of Green (POG)
- Split Failure
- Max Travel Time
- Ave Travel Time
- Max Control Delay
- Ave Control Delay
- Max approach speed
- Ave approach speed
- Vehicle Count
- Stopped Vehicle Count



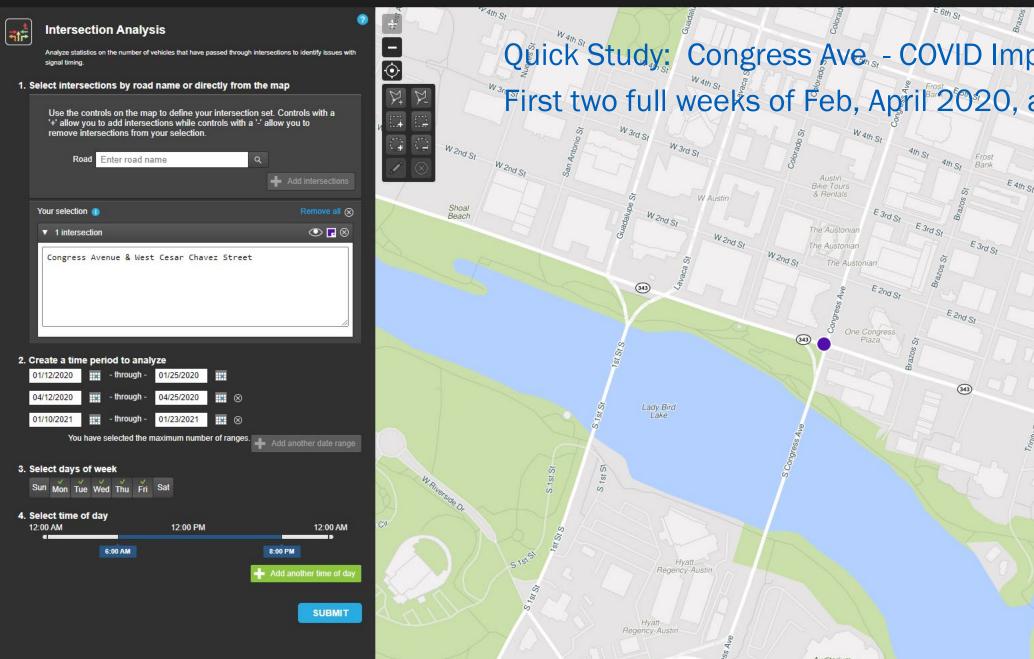


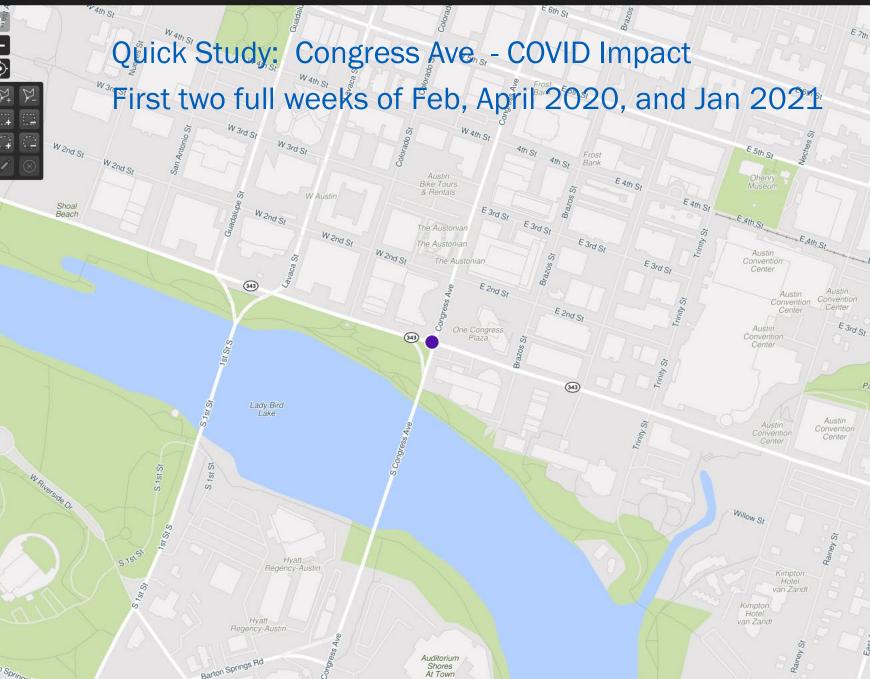












At Town

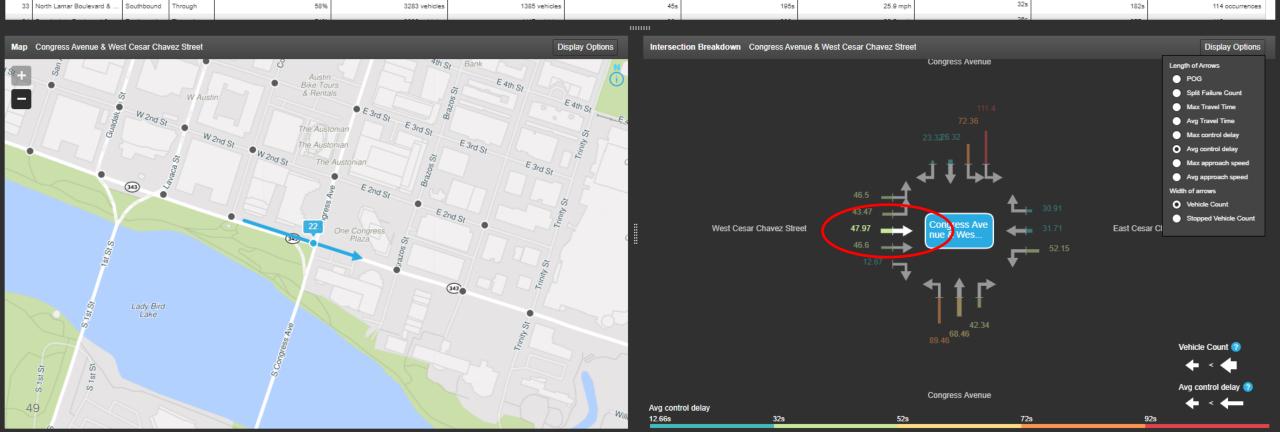


라.<u>*</u>

Intersection Analysis

Display Options

Ranked intersection movements for the selected geography for the date range of February 02, 2020 through February 15, 2020 (Every weekday) at 6 AM - 8 PM (178 intersections)												
Rank	Intersection	Approach	Maneuver	POG 0	Vehicle count (1)	Stopped vehicle count (1)	Avg travel time	Max travel time	Avg approach speed	Avg control delay	Max control delay	Split failure count ▼
22	Congress Avenue & West	Eastbound	Through	22%	2922 vehicles	2280 vehicles	62s	537s	21.7 mph	48s	523s	131 occurrences
23	East Martin Luther King Jr	Eastbound	Through	59%	2647 vehicles	1075 vehicles	61s	485s	22.9 mph	48s	472s	128 occurrences
24	East 5th Street & Trinity S	Northbound	Through	1196	472 vehicles	418 vehicles	895	397s	18.7 mph	005	368s	128 occurrences
25	Congress Avenue & East	Southbound	Through	52%	3114 vehicles	1498 vehicles	52s	330s	21.6 mph	40s	317s	128 occurrences
26	Toomey Road & South La	Northbound	Through	79%	4839 vehicles	1004 vehicles	31s	526s	30.2 mph	18s	513s	127 occurrences
27	Lamar Square Drive & So	Northbound	Through	7196	4904 vehicles	1413 vehicles	32s	363s	30.9 mph	19s	350s	128 occurrences
28	Hartford Road & Enfield R	Westbound	Through	67%	4187 vehicles	1384 vehicles	41s	400s	29.2 mph	28s	387s	123 occurrences
29	Guadalupe Street & West	Southbound	Through	78%	3905 vehicles	880 vehicles	40s	481s	21.8 mph	27s	468s	123 occurrences
30	Barton Springs Road & E	Northbound	Through	15%	1466 vehicles	1239 vehicles	114s	401s	22.8 mph	97s	384s	122 occurrences
31	East Riverside Drive	Northbound	Through	62%	3777 vehicles	1437 vehicles	37s	341s	30.7 mph	25s	329s	119 occurrences
32	West 7th Street & Guadal	Southbound	Through	73%	3767 vehicles	1000 vehicles	43s	503s	21.7 mph	31s	491s	115 occurrences
	I	I	1	1						22-		







Intersection Analysis

•

Ranked intersection movements for the selected geography for the date range of February 02, 2020 through February 15, 2020 (Every weekday) at 6 AM - 8 PM (178 intersections)

Display Options

Rank	Intersection	Approach	Maneuver	POG 0	Vehicle count (1)	Stopped vehicle count	Avg travel time	Max travel time	Avg approach speed	Avg control delay	Max control delay	Split failure count ▼
22	Congress Avenue & West	Eastbound	Through	22%	2922 vehicles	2280 vehicles	62s	537s	21.7 mph	48s	55	23s 131 occurrences
23	East Martin Luther King Jr	Eastbound	Through	59%	2647 vehicles	1075 vehicles	61s	485s	22.9 mph	48s	4	72s 128 occurrences
24	Fast 5th Street & Trinity S	Northbound	Through	11%	472 vehinles	418 vehicles	90c	307s	18.7 mph	60s	3/	38s 128 occurrences
				Ranked intersection m	ovements for the selected	geography for the date ran	ge of April 05, 2020 through	h April 18, 2020 (Every we	ekday) at 6 AM - 8 PM (178	intersections)		Display Options

Ranked intersection movements for the selected geography for the date range of April 05, 2020 through April 18, 2020 (Every weekday) at 6 AM - 8 PM (178 intersections)

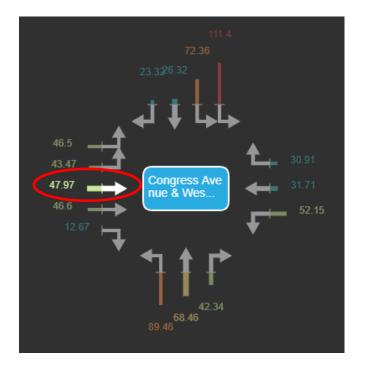
Display Optior

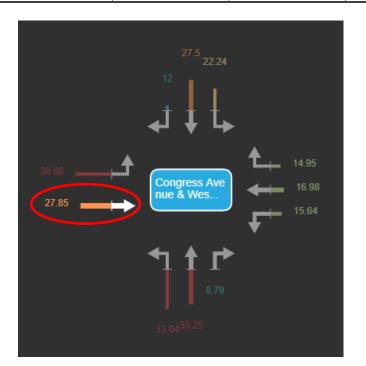
Rank	Intersection	Approach	Maneuver	POG	Vehicle count (i)	Stopped vehicle count (1)	Avg travel time	Max travel time	Avg approach speed	Avg control delay	Max control delay	Split failure count ▼
16/	East Martin Luther King Jr	Southbound	Lett	23%	ซีซี vehicles	51 vehicles	/ds	326s	22.1 mph	,	301	s 1 occurrence
168	Congress Avenue & West	Eastbound	Through	21%	1128 vehicles	892 vehicles	40s	98s	24.6 mph	28		s 1 occurrence
169	West 3rd Street & Colora	Eastbound	Left	20%	5 vehicles	4 vehicles	64s	124s	17.2 mph	33	93	s 1 occurrence

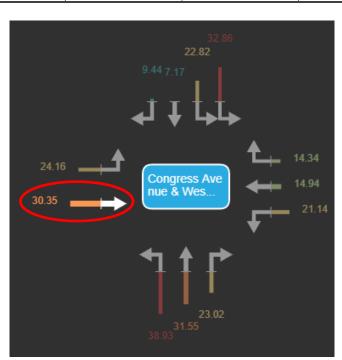
Ranked intersection movements for the selected geography for the date range of January 03, 2021 through January 16, 2021 (Every weekday) at 6 AM - 8 PM (178 intersections)

Display Options

Rank	Intersection	Approach	Maneuver	POG 0	Vehicle count ①	Stopped vehicle count	Avg travel time	Max travel time	Avg approach speed	Avg control delay	Max cuntrol delay	Split failure count ▼
- 1	Congress Avenue & West	Eastbound	Through	17%	2393 vehicles	1975 vehicles	43s	198s	22.8 mph	30s	185s	62 occurrences
2	East 2nd Street & San Ja	Southbound	Through	24%	255 vehicles	194 vehicles	65s	428s	21.7 mph	41s	404s	27 occurrences
3	East Riverside Drive & So	Southbound	Left	28%	563 vehicles	404 vehicles	52s	287s	30.2 mph	36s	271s	26 occurrences
4	West Cesar Chavez Stree	Eastbound	Left	21%	865 vehicles	683 vehicles	34s	260s	29.8 mph	19s	245s	23 occurrences







Display Options

Display Options



Intersection Analysis

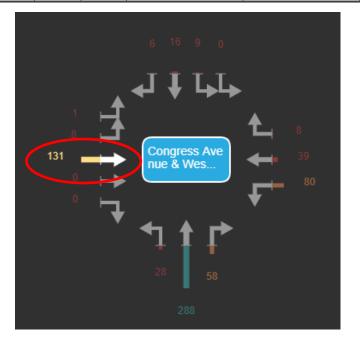
	Ranked intersec	tion move	ments for t	he select	ed geography for the dat	e range of February 02,	2020 through February 1	15, 2020 (Every weekday	at 6 AM - 8 PM (178 int	ersections)		Filter	Display Opti	ons 🔚
Rank	Intersection	Approach	Maneuver	POG 🕕	Vehicle Count (1)	Stopped Vehicle Count 1	Avg Travel Time (sec)	Max Travel Time (sec)	Avg Approach Speed (mph)	Avg Control Delay (sec)	Max Control Delay (sec)	Split Fai	ure Count	▼
22	Congress Avenue	Eastbound	Through	22%	2922	2280	62	537	22	48	523			131
23	East Martin Luther King Jr Boulevard & Brazos Street	Eastbound	Through	59%	2847	1075	61	485	23	48	472			128
24	Trinity Street & East 5th Street	Northbound	Through	11%	472	418	89	397	19	60	368			128
0.5	0 A A. EI AI AlI	0-4-1	Th	500/	0444	4400	50	222		40	0.47			400

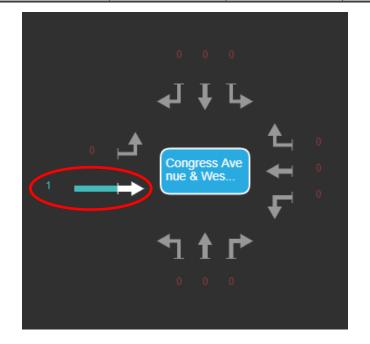
Danked interception movements for the colocted a	acaranhy for the day	to range of April OF 2020 throu	iah April 10, 2020 (Every weeks	lay) at 6 AM = 0 DM (470 interceptions)
Ranked intersection movements for the selected g	eography for the da	ile range of April 05, 2020 linfol	IYII APIII IO, ZUZU (EVEIY WEEKL	iay) at 6 AM - 6 FM (1/6 ilitersections)

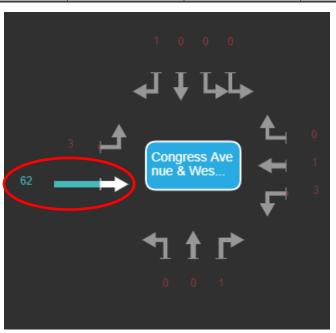
Rank	Intersection	Approach	Maneuver	POG ()	Vehicle count (1)	Stopped vehicle count	Avg travel time	Max travel time	Avg approach speed	Avg control delay	Max control delay	Split failure count ▼
167	East Martin Luther King Jr	Southbound	Lett	23%	db vehicles	51 vehicles	/ds	328s 1	22.1 mph	J15	301s	1 0000m2 20
168	Congress Avenue & West	Eastbound	Through	21%	1128 vehicles	892 vehicles	40s	98s	24.6 mph	28s	86s	1 occurrence
169	West 3rd Street & Colora	Eastbound	Left	20%	5 vehicles	4 vehicles	64s	124s	17.2 mph	33s	93s	r occurrence

Ranked intersection movements for the selected geography for the date range of January 03, 2021 through January 16, 2021 (Every weekday) at 6 AM - 8 PM (178 intersections)

Rank	Intersection	Approach	Maneuver	POG 0	Vehicle count 0	Stopped vehicle count	Avg travel time	Max travel time	Avg approach speed	Avg control delay	Max control delay	Split failtire count
1	Congress Avenue & West	Eastbound	Through	17%	2393 vehicles	1975 vehicles	43s	198s	22.8 mph	30s	185s	62 occurrences
2	East 2nd Street & San Ja	Southbound	Through	24%	255 vehicles	194 vehicles	65s	428s	21.7 mph	41s	404s	27 populativides
3	East Riverside Drive & So	Southbound	Left	28%	563 vehicles	404 vehicles	52s	287s	30.2 mph	36s	271s	26 occurrences
4	West Cesar Chavez Stree	Eastbound	Left	21%	865 vehicles	683 vehicles	34s	260s	29.8 mph	19s	245s	23 occurrences

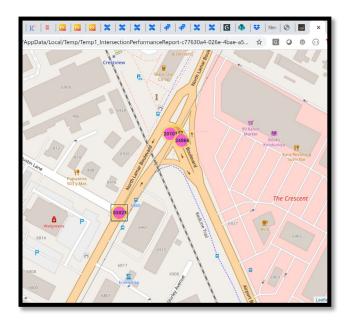


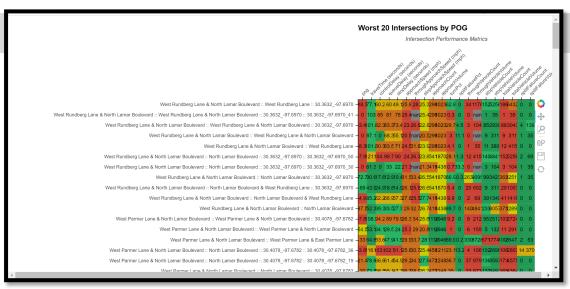


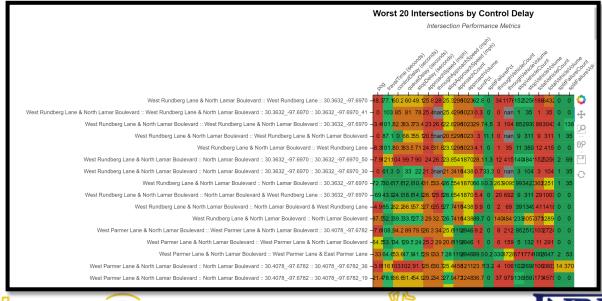


Additional Plots Embedded in Downloadable Link

 Intersection and approach level plots for the worst 20 intersections





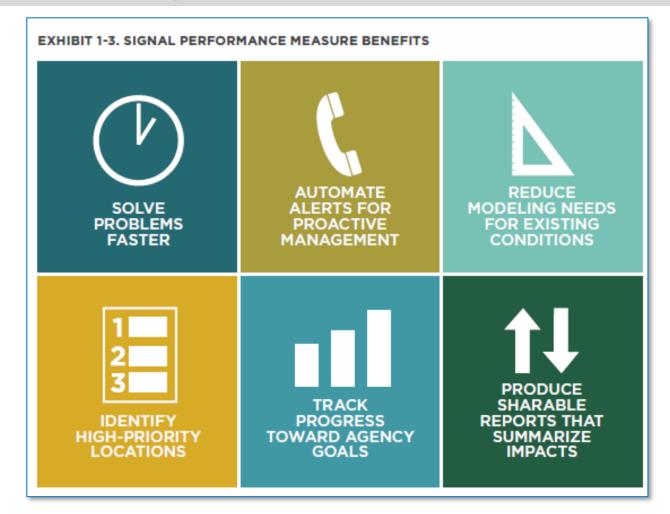




Benefits of Signal Performance Measures

Systemwide assessment – Faster Solutions – Reporting Results







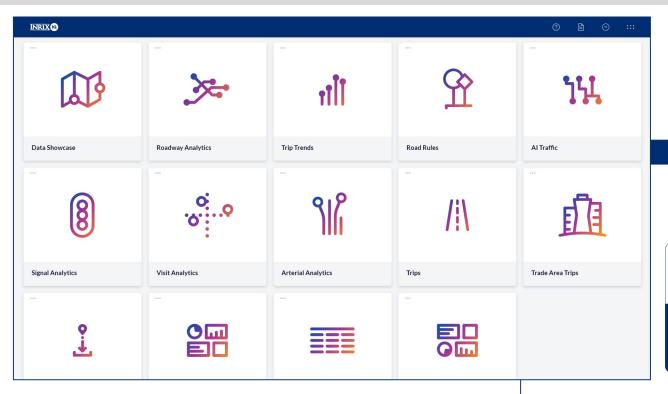


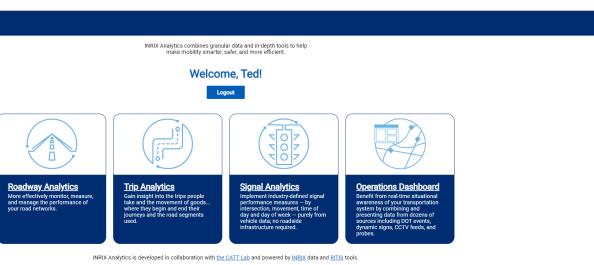






INRIX IQ - Suite of Tools















References

US Signals Scorecard:

Home Page: https://inrix.com/signals-scorecard/

Interactive Map: https://inrix.com/signals-scorecard/map

Blog post: https://inrix.com/blog/2021/02/suprising-findings-from-the-inrix-signals-scorecard

INRIX IQ Signal Analytics

Product Page: https://inrix.com/products/signal-analytics/

IQ Trial: https://iq.inrix.com/

February 2, 2021 Webinar: https://inrix.com/campaigns/inrix-signal-analytics-webinar/

Webinar: https://inrix.com/campaigns/us-signals-scorecard-webinar/

Video, How it works: https://www.youtube.com/watch?v=jXiiiKasS9A&feature=youtu.be

Video, Intersection Analytics Module (w/CATT Lab): https://ritis.org/tutorials/videos/404397193

References:

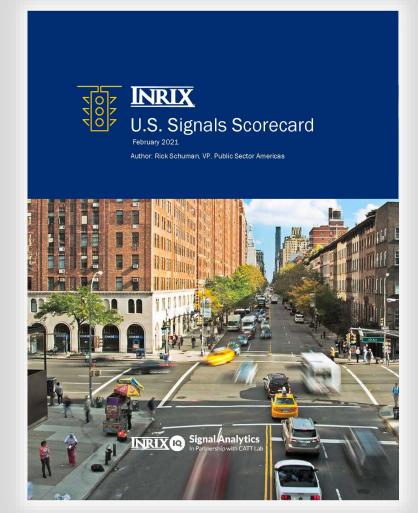
FHWA's ATSPM Home Page: https://ops.fhwa.dot.gov/arterial_mgmt/performance_measures.htm

Old Causes of Congestion Study:

https://ops.fhwa.dot.gov/congestion_report/executive_summary.htm#what_is_congestion

USDOT BTS/TETC Coalition/UMD CATT Lab TDADS Study:

https://tetcoalition.org/projects/transportation-disruption-and-disaster-statistics/





What's Next?

Contact information

Amy Lopez
Director Public Sector Services
Amy.Lopez@INRIX.com

Mike Massaro Sr. Sales Engineer Mike.Massaro@INRIX.com

Steve Remias
Head of Product Strategy, Signals
Steve.Remias@INRIX.com

