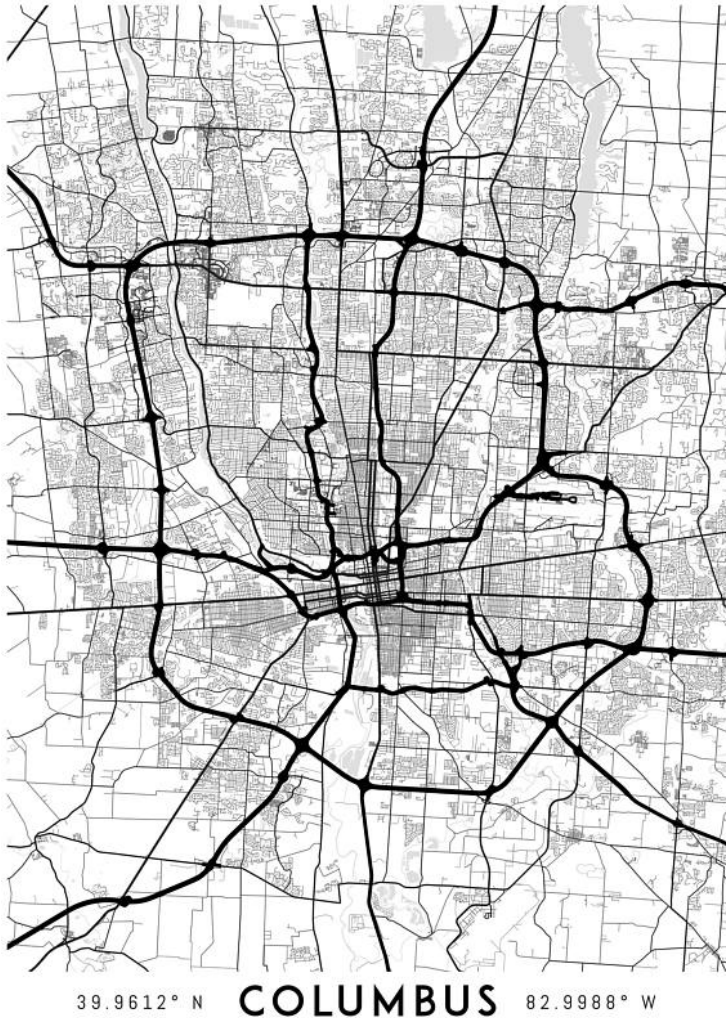


ViDaL

Virtual Data Lab



ViDaL

Investigating the **Vitals** of the city

Traffic Flow

Congestion, Occupancy Rates, Routes for Public Transformation

Employment Rate and Job Opportunities

Gender and Employment Age - Childcare needs

Food Access - Health

EV Rate - Carbon Emmissions

Electricity Usage - Identify misuse, excess vs energy source

Owned/Leased Cars - Ride-sharing Economy

Bike Routes - Mobility

Infant Mortality Rate

Pedestrian Congestion

Income Rate/Distribution + Unemployment

PUBLIC ANNOUNCEMENT/DISASTER CONTROL
(Flood, Electricity Outage and Water/Air Contamination)

DATASETS

<https://www.smartcolumbusos.com/data>

[Geotab Hourly Traffic Complete Dataset](https://www.smartcolumbusos.com/data)

<https://www.smartcolumbusos.com/data>

Defines traffic flow by reporting

X amount of vehicles

Direction

Speed

Latitude & Longitude

Where deos this live

DEMO

FEATURES

MULTI-PLATFORM

DATA-FEED AUTOMATION

PERMISSIONS

FILTERING

INTERACTIVITY

STAKEHOLDERS

THE CITY OF COLUMBUS

THE CITY OF DUBLIN

SMRT – SMART COLUMBUS

CML – COLUMBUS METROPOLITAN LIBRARY

THE OHIO STATE UNIVERSITY

CCAD

INNOVATION HUBS:

LUMOS, COLUMBUS IDEA FOUNDRY

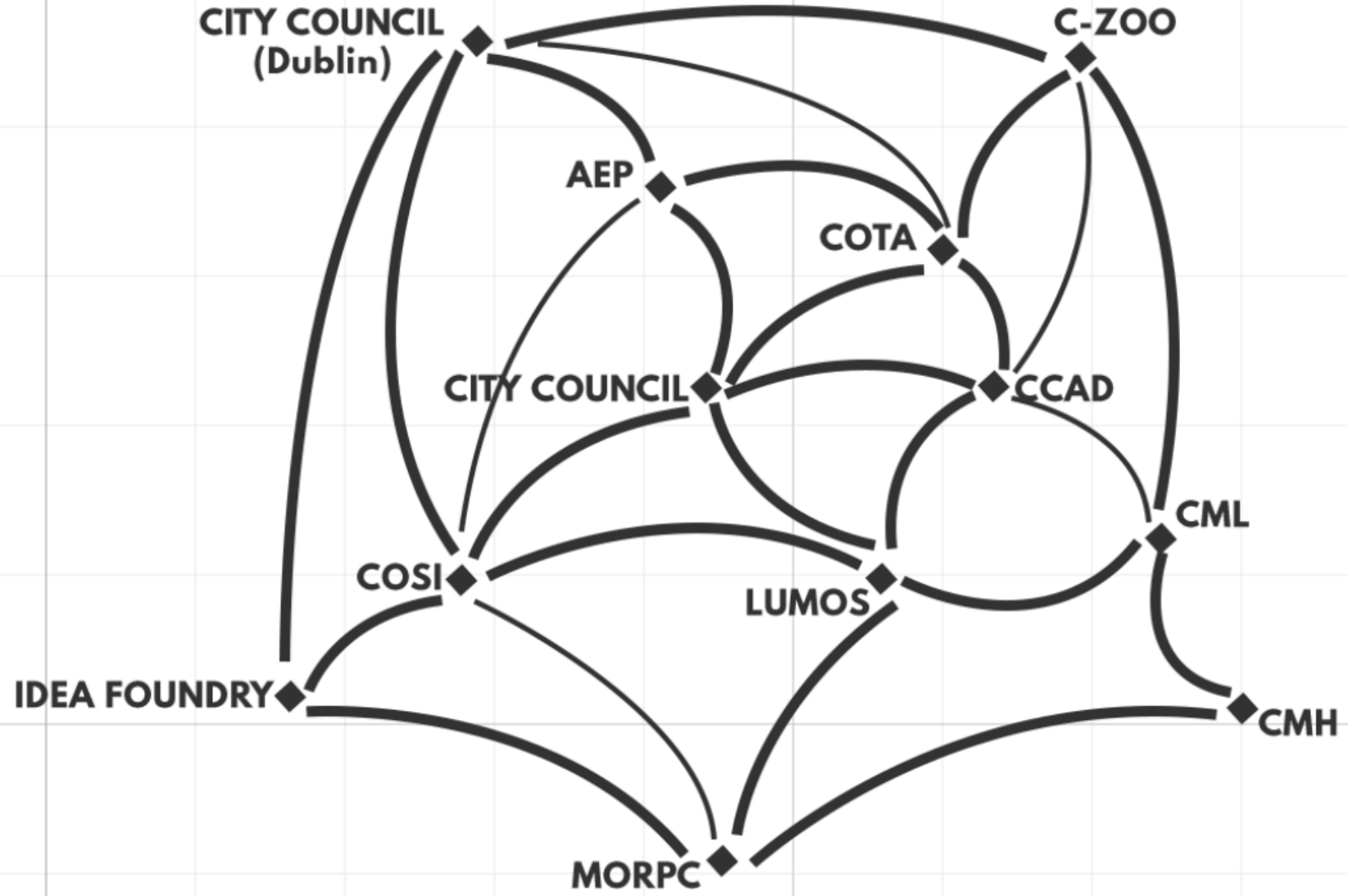
COSI

COLUMBUS ZOO

COTA

MORPC

CMH - John Glenn Int'l Airport



MONEY & TIME



PILOT PROJECT: I-670 East Afternoon Commute I-670/270 Interchange Improvements



<https://www.dot.state.oh.us>

Smart Lane Project - \$58 million

Interchange improvements at I-270/670 on the East Side of Columbus and construction of Ohio's first 'e' on I-670 eastbound.

A 'e' is an extra travel lane that is only open during certain times when drivers need congestion relief the most.

At the I-270/670 interchange, ODOT will build two new ramp bridges to carry I-670 eastbound traffic to I-270 and I-270 traffic through the Easton area.

ODOT will contact affected property owners along I-270 to get comments on whether noise walls should be constructed.



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Philadelphia

District 12 - Cleveland

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Contact: Nancy.Burton@dot.ohio.gov

The 'SmartLane' Coming Soon to the North East Side

'SmartLane' part of bigger interchange improvement project

COLUMBUS - Relief is on the way if you're one of those drivers who has ever been stuck on Interstate 670 (I-670) afraid you're going to be late getting home or miss your flight. The answer, according to the Ohio Department of Transportation (ODOT), is something called the 'SmartLane.' It's an extra travel lane that is only open during certain times when drivers need congestion relief most.

Construction starts next summer on the 'SmartLane' that will begin at the Fourth Street exit in downtown Columbus and extend all the way to Interstate 270 (I-270). To get the 'SmartLane' ready for traffic, ODOT will rebuild the shoulder lane on the left side of eastbound I-670 to ensure the pavement is safe and passable for all traffic just like any other travel lane.

The 'SmartLane' is an ODOT pilot project and will be available for eastbound-only I-670 drivers from 3:30 to 6:30 p.m. Monday through Friday.

"The appeal of the SmartLane is the low cost and low impact that's associated with widening a highway," said Jerry Wray ODOT Director. "This is re-purposing the shoulder which already exists and making it available to drivers when it is needed most-- in this case for the afternoon drive home."

Overhead message boards every three quarters of a mile will alert drivers when the 'SmartLane' is available; free of debris and stopped vehicles. A green arrow means the 'SmartLane' is open; while a red X indicates the extra lane is closed. These overhead message boards will also alert drivers of incidents up ahead such as accidents or disabled vehicles.

The message boards will also indicate the reduced speed when the 'SmartLane' is open. Travelling at a slower speed actually keeps traffic moving during congestion as opposed to a 'stop and go' condition which can extend your commute and cause accidents.

Wray added, "A lot more traffic cameras will also be installed along eastbound I-670 to monitor the entire seven mile route from downtown to I-270. These cameras will allow us to monitor the SmartLane 24/7 from the ODOT Traffic Management Center."

ODOT is coordinating construction of the 'SmartLane' with an interchange improvement project at I-670/I-270 and US Route 62. ODOT will build two new ramp bridges to carry eastbound I-670 traffic to I-270 and I-270 traffic through the Easton area. The website (link below) illustrates all the improvements.

Construction begins next year and is expected to be complete in 2019. That's when the new 'SmartLane' and interchange improvements will be open to traffic.

Traffic will be maintained during construction on I-670 eastbound and through the interchange at I-270. ODOT will try to schedule as many closures and restrictions at night and on weekends when traffic volumes in the area are lightest.

For more information, graphics and renderings on the 'SmartLane' and interchange improvements at I-670/I-270 and US Route 62, visit the [project website](#).

To make comments about this ODOT Project FRA-670-3.92; PID 104674, contact project manager no later than 12/5/17:

Anthony Turowski, P.E.
400 E. William Street
Delaware, OH 43015