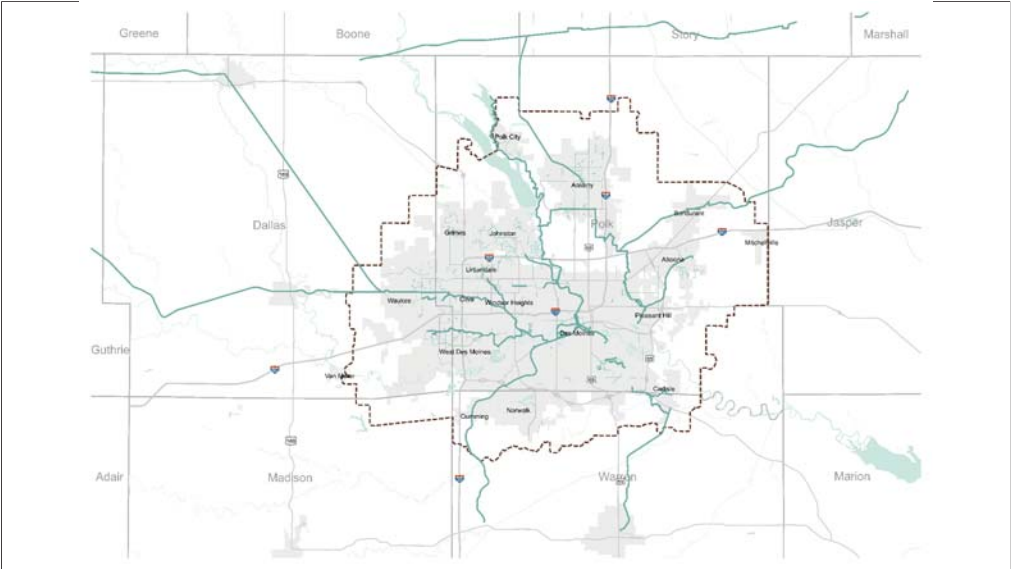




# IOWA DATA BIKE

## Prioritizing Maintenance for Regional Trail Projects

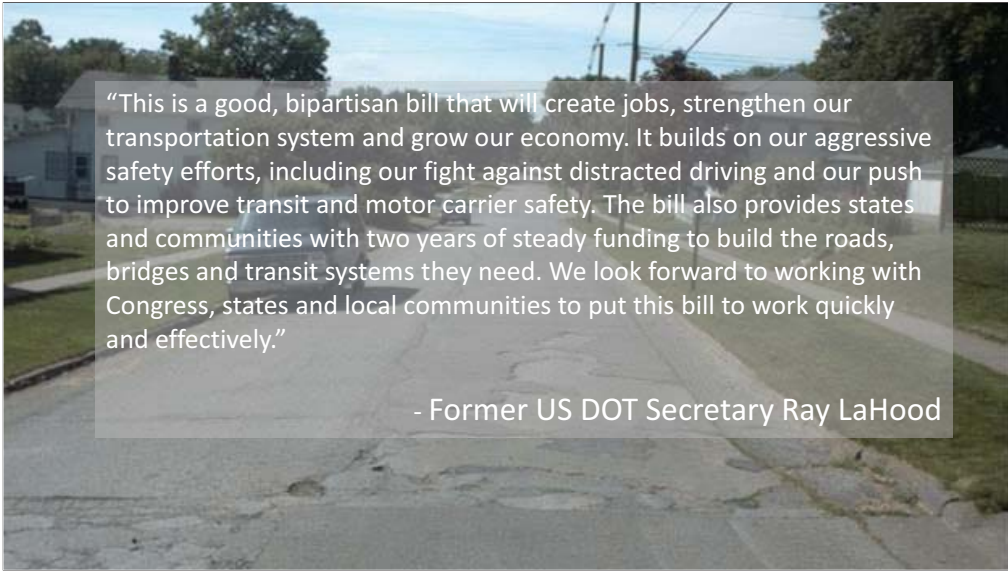
MPO/RPA Quarterly Meeting  
September 19, 2017









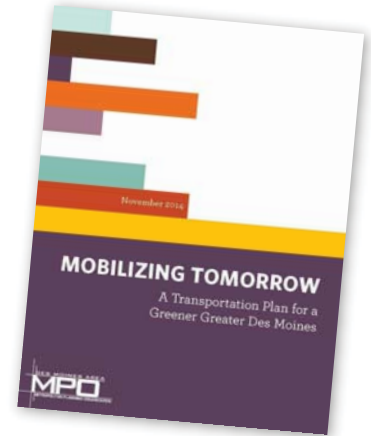
“This is a good, bipartisan bill that will create jobs, strengthen our transportation system and grow our economy. It builds on our aggressive safety efforts, including our fight against distracted driving and our push to improve transit and motor carrier safety. The bill also provides states and communities with two years of steady funding to build the roads, bridges and transit systems they need. We look forward to working with Congress, states and local communities to put this bill to work quickly and effectively.”

- Former US DOT Secretary Ray LaHood

## Mobilizing Tomorrow

### GOAL 2: Manage and Optimize Transportation Infrastructure and Services

MAP-21 focuses on a fix-it first mentality, encouraging regions to prioritize the protection of prior investments and to improve upon their safety and reliability.



## Data Bike

- Bike-based data-collection vehicle
- Collect pavement-condition data for all paved trails within Central Iowa
- Inform a long-term maintenance strategy for Central Iowa’s trail network



## Electric Assist



## Dyno Hub



## Cargo Area

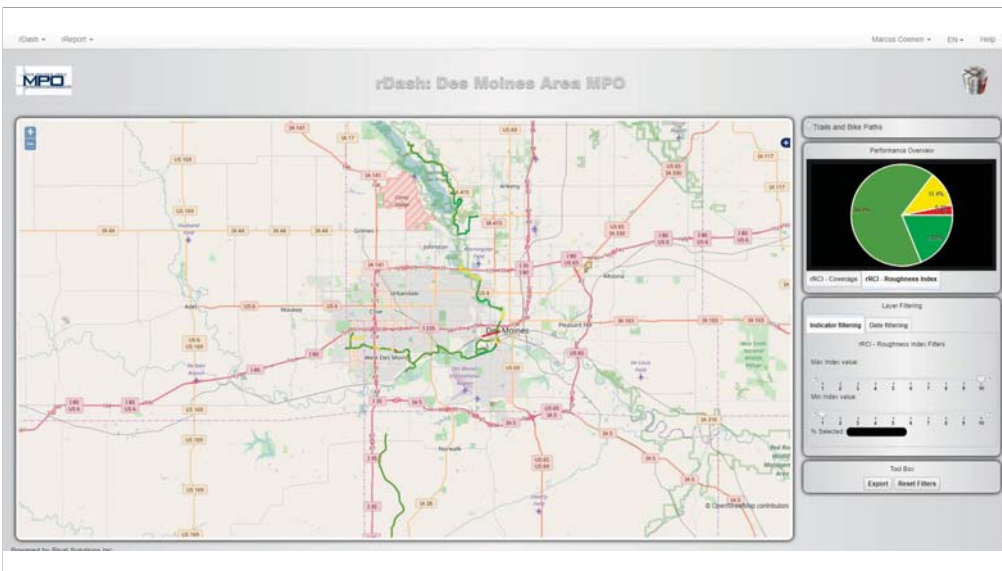
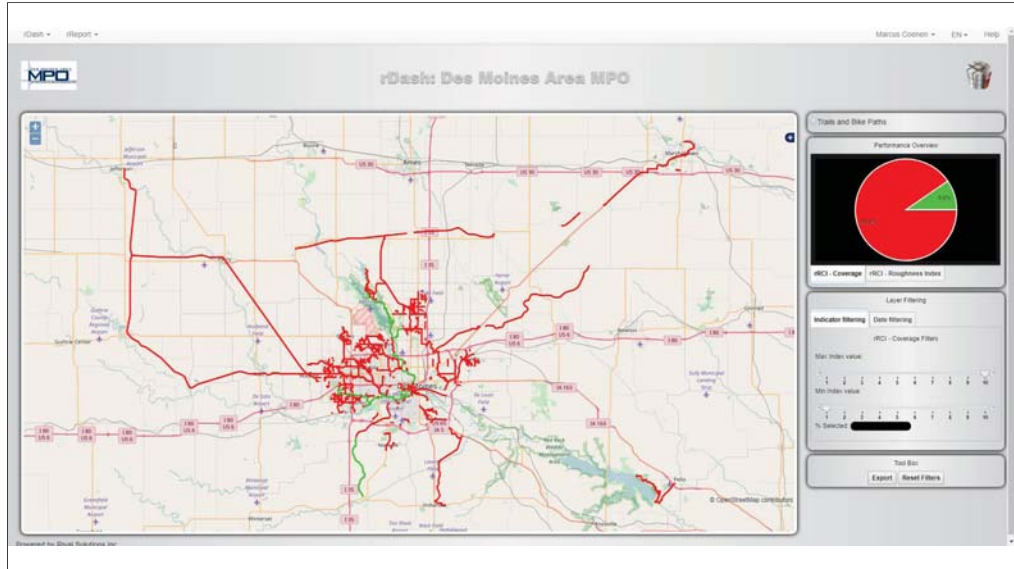
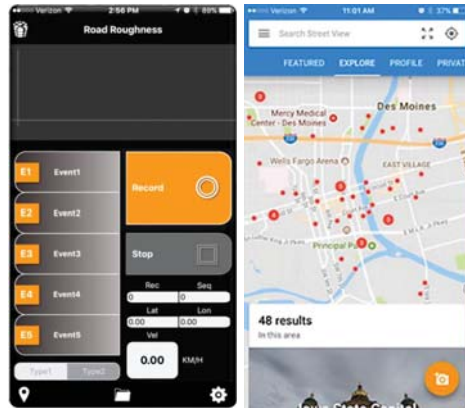


## iPhone



# iPhone

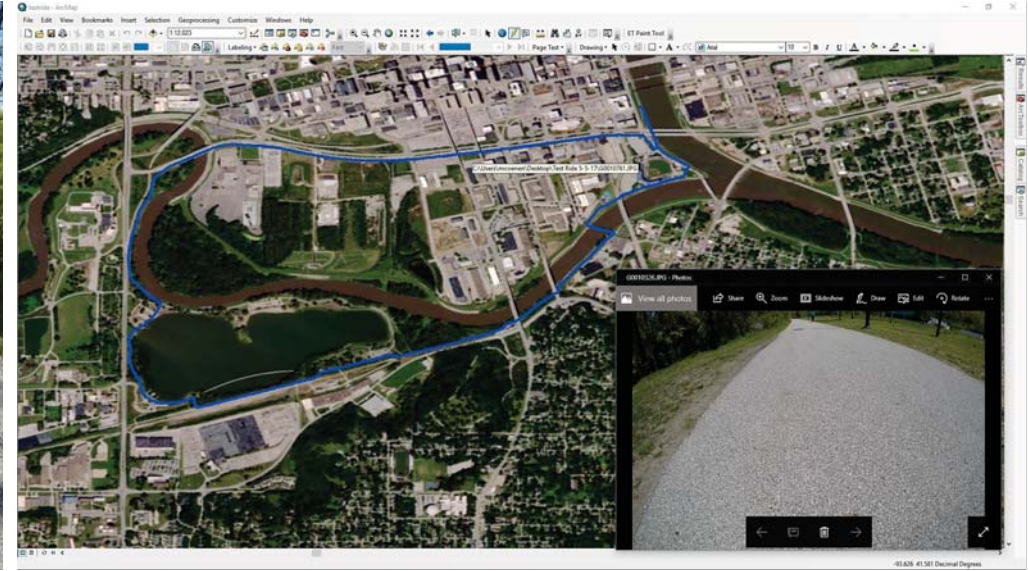
- rRuf (Rival Solutions)
- Street View (Google)



# GoPro







## Samsung Gear 360



## Getting Noticed

The MPO's Data Bike project is getting noticed in the region, across the country, and around the globe. Since announcing the project in late May, the MPO has given numerous media interviews and responded to several inquiries about the project. Those interested include:



## Data Collection

- Data Collection began June 21
- Data Collection completed by intern from partnering organization INHF
- 52% of trails collected
- 2,700+ photos uploaded to Google Street View
  - Over 30,000 views to date
- 75,000+ photos taken via GoPro



## Project Partners



## MORE INFORMATION

<https://dmampo.org/data-bike/>



## THANK YOU

