



Ray C. Anderson (1934-2011)

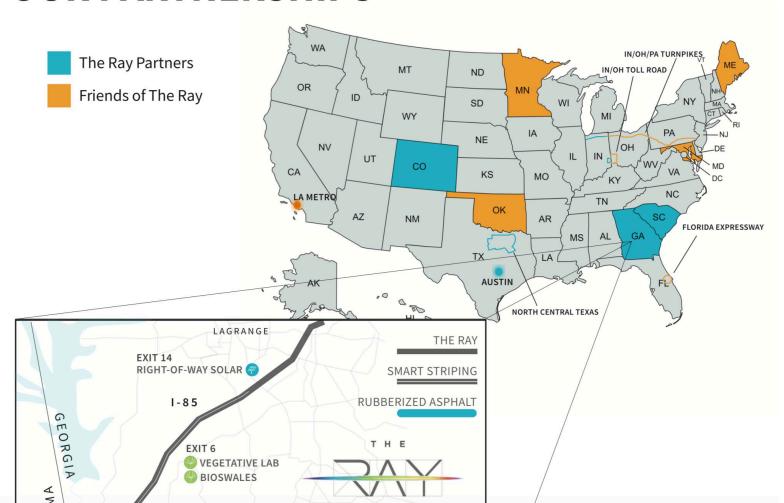
Interface, Inc.

- "America's Green Industrialist"
- Global pioneer of corporate sustainability
- Circular economy now mainstream

Ray C. Anderson Memorial Highway



OUR PARTNERSHIPS





WheelRight tire safety station

- Drive-through system analyzes tread depth, tire pressure & sidewall damage within seconds
- In U.S., under-inflated tires waste 2B gal. fuel/yr. & increase tail pipe emissions
- WheelRight (UK) on The Ray was 1st public tire safety station in the world









Rubberized Asphalt on The Ray

• I-85 : GA-AL state line → Exit 13 (2019)

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4 lane-miles + rest area parking lot
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12.5mm OGFC, 12.5mm SMA

Dry process + additive requirement

42,240 pounds of scrap tires

Extended pavement life

Noise reduction

Increased skid resistance



Rubberized Asphalt on The Ray

- Troup County, GA: Tom Hall Pkwy. (2017)
 - 2.5 lane-miles
 - 9.5mm Superpave & 30% RAP
 - Dry process + additive requirement
 - PG binder spec equiv. to PG76-22
 - 3,280 tons of mix
 - 39,360 pounds of scrap tires



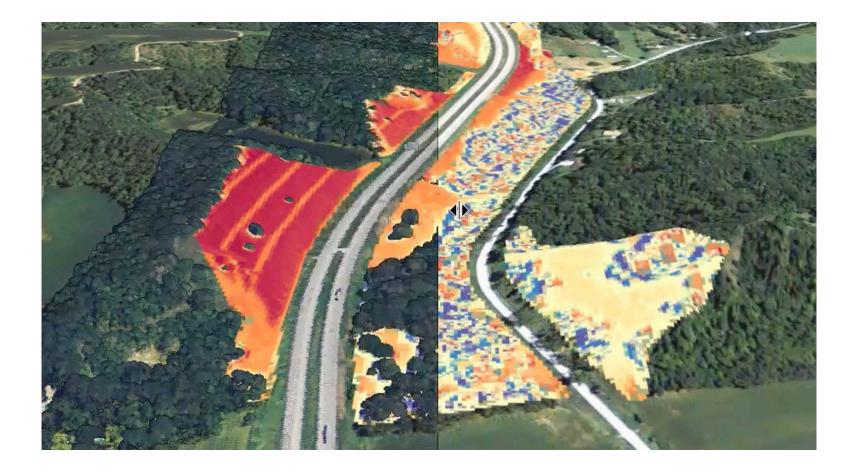


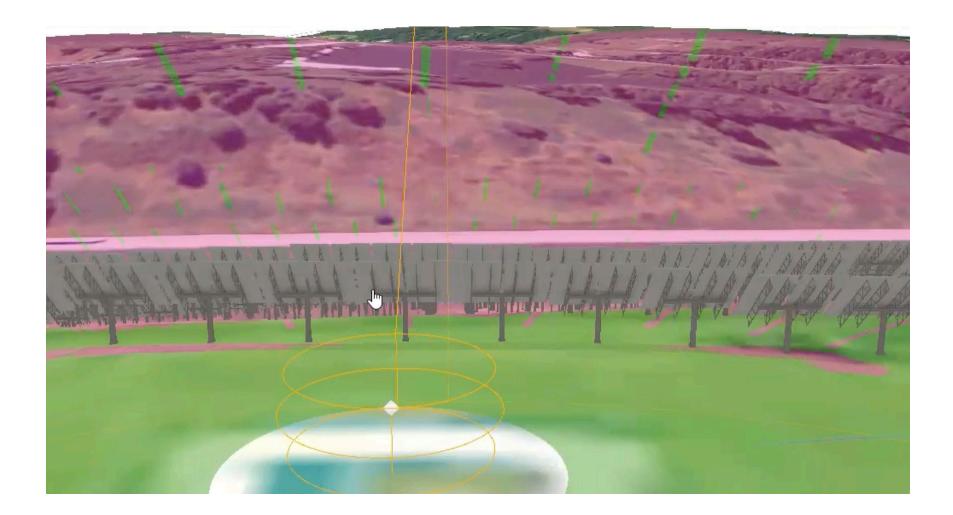
Right-of-Way Solar

- 1 MW DC on 4 acres 2,600 solar panels
- Online 2/2020 → Georgia Power Southern Company project, power to grid
- 1st pollinator-friendly ROW solar in U.S.
- 2021 Right-of-way solar mapping tool:
 - The Ray & ESRI













EV Charging



- First public PV4EV in the Southeast U.S.
 - 175kW —> 350kW
- Interstate EV charging gap – connects Atlanta & Montgomery

The Smart Ray - CV & AV Ready

Autonomous Vehicle project partners:

3M + Georgia DOT + The Ray

Connected Vehicle project partners:

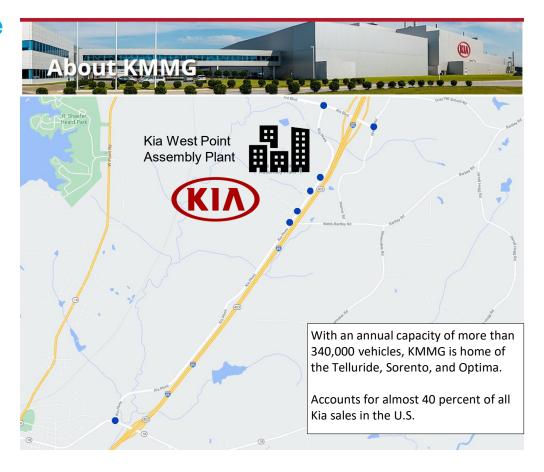
Panasonic + Georgia DOT + freight + The Ray

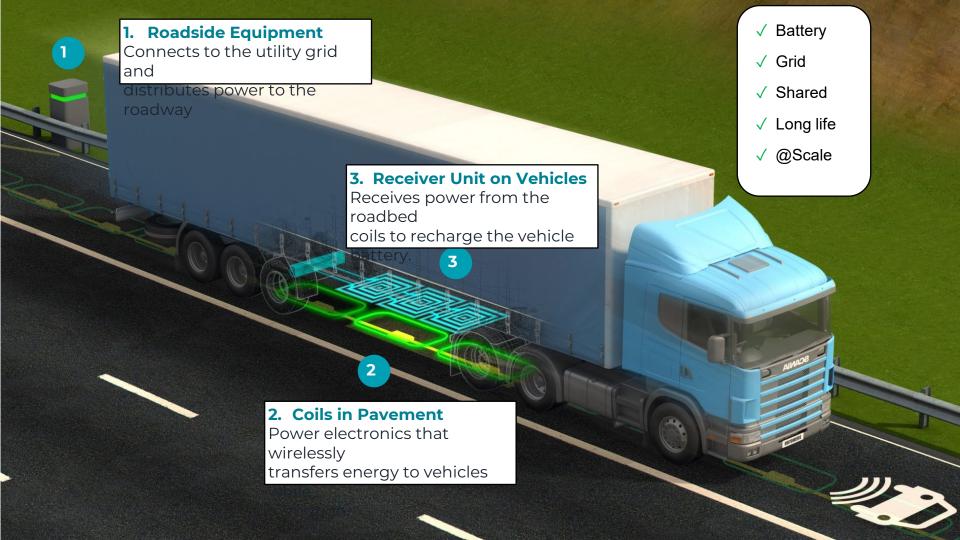
Goal: Hardware & software to enable the future of freight



New Project Overview & Use Cases

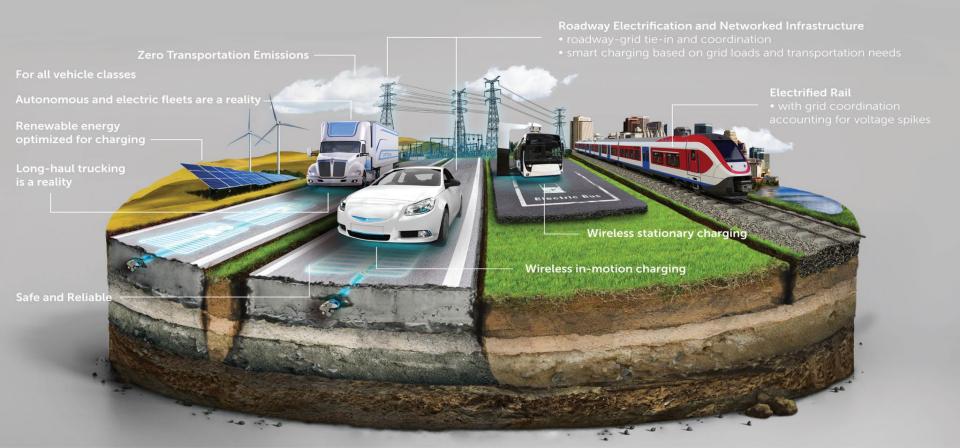
- + Expand deployment with <u>Connected</u>
 <u>Intersection</u> capabilities at Exits 2 and 6:
 - Freight Signal Priority
- + Collaborate with HATCI / Kia on equipping vehicles for V2X use cases
 - + Kia executive fleet
 - + Kia freight partners
 - + Other vehicle types







Charging So Seamless You Won't Know You're Using It



Projects Leading to Pilots

Smart Charging Management in Salt Lake City





Megawatt Wireless Charging in Seattle & Portland

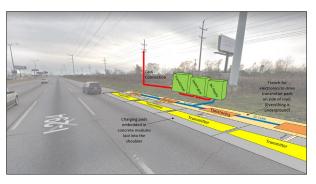




Developing Pilot Projects

- Salt Lake City, UT Inland Port
- Austin, TX CapMetro, Hwy 130
- Dallas, TX DFW, Mobility Innovation Zone
- Indianapolis, IN IndyGo, I-70
- Orlando, FL Central Florida Expressway
- Lenexa, KS Integrated Roadways/Kiewit
- Additional in Los Angeles, Detroit, Atlanta, San Diego, Denver, Chicago, Ohio











Project Partners





























TOTO®

Research Partners







Webber Energy Group

College of Environment + Design UNIVERSITY OF GEORGIA







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