

MAASTO TPIMS

Project Overview





Eight State Partnership

- Indiana
 - Iowa
 - Kansas
 - Kentucky
 - Michigan
 - Minnesota
 - Ohio
 - Wisconsin
- + MAASTO



25 Million Dollar Grant Award

- 2015 TIGER Award
- Rural Application
- Lead Agency: KDOT



One Regional Implementation

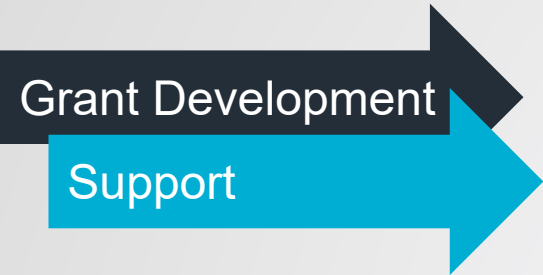
- Real-time truck parking availability
- Public & private sites
- Roadside signs
- Data Feed Specification
- Multi-state collaboration !

Regional Coverage

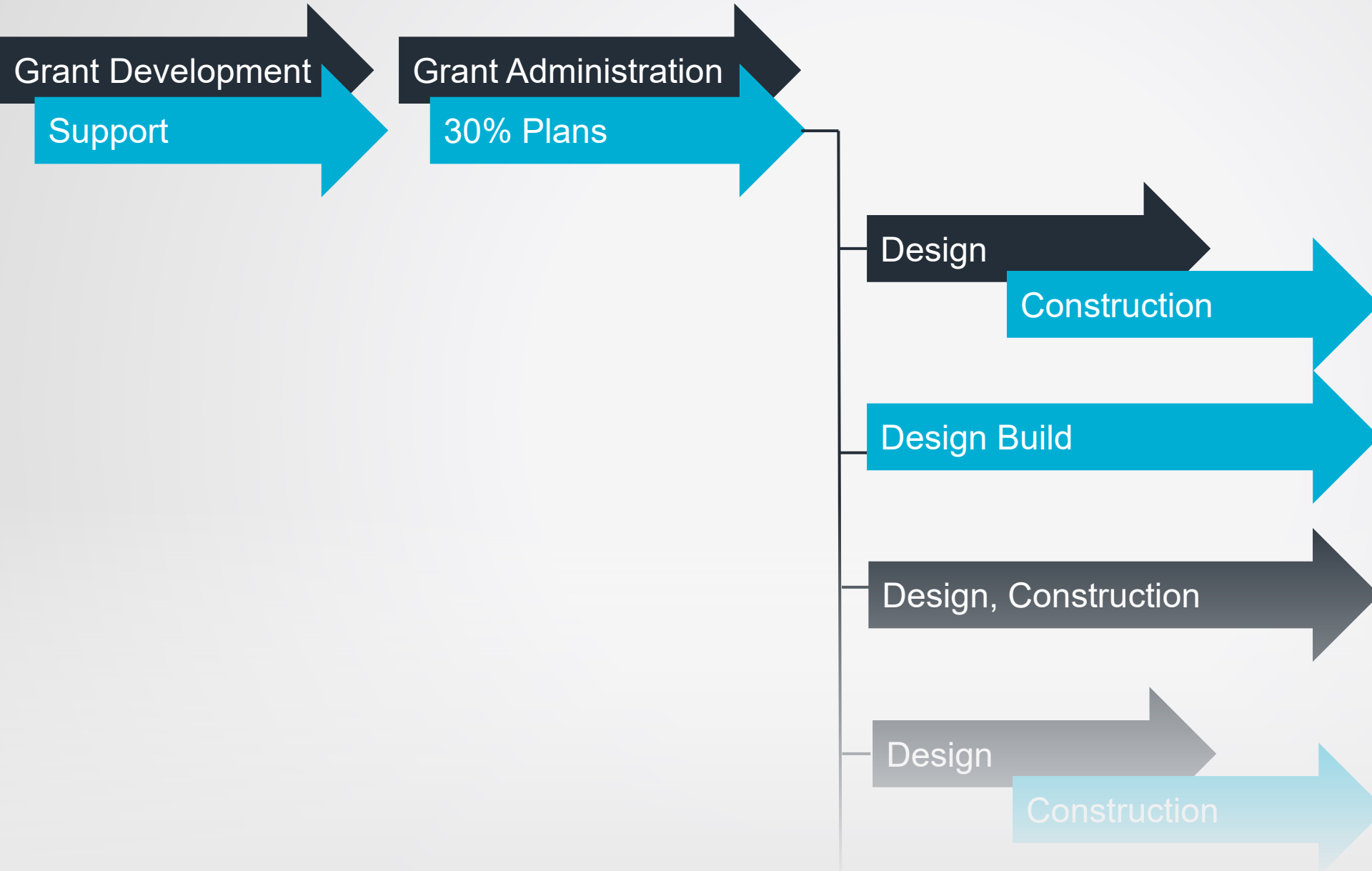


“MAASTO TPIMS Partner States will strengthen America’s freight network by helping commercial truckers make safer, more efficient parking decisions through a user-focused information service that consistently provides timely, reliable parking availability information”

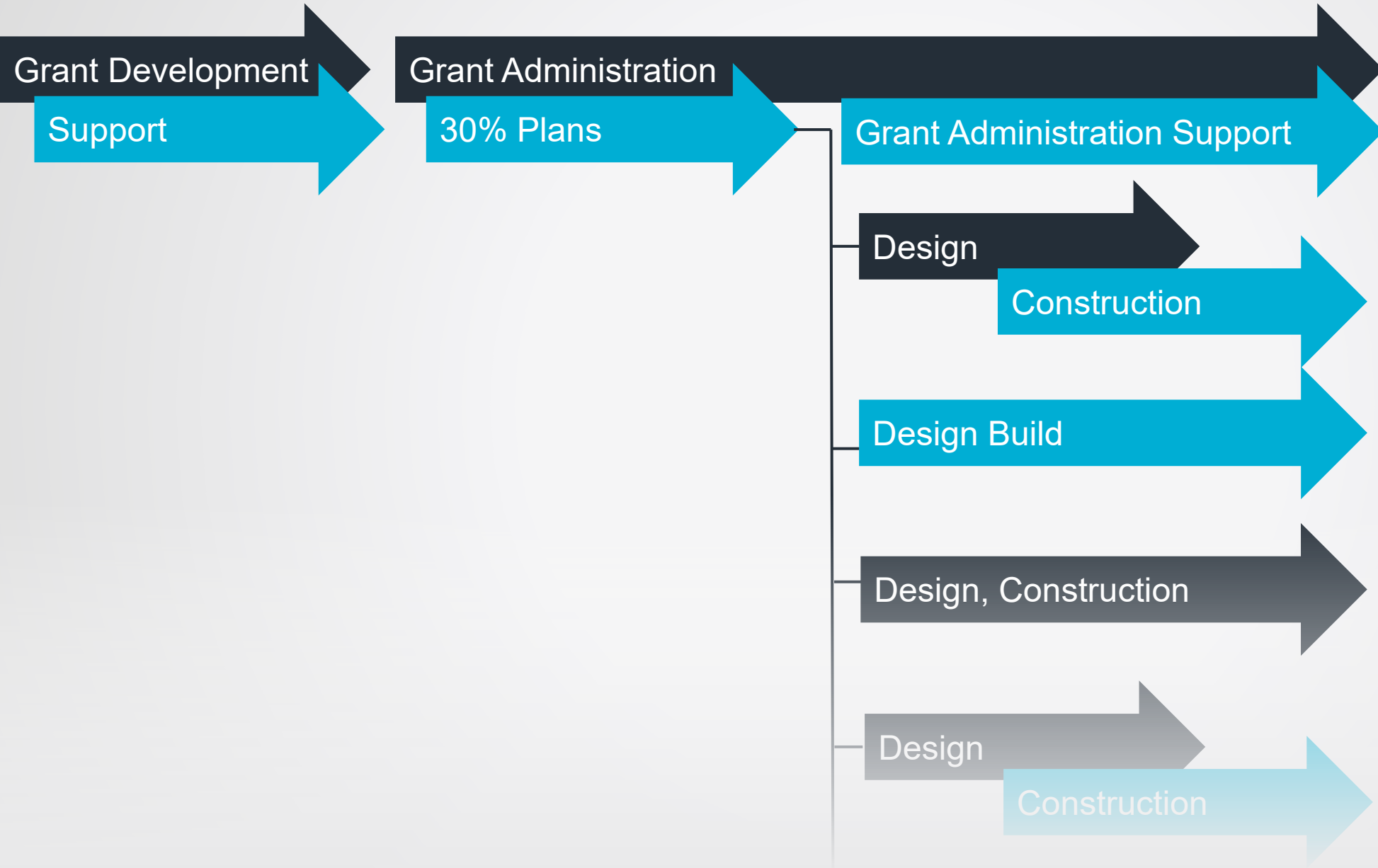
Project and Contract Conceptual Timeline



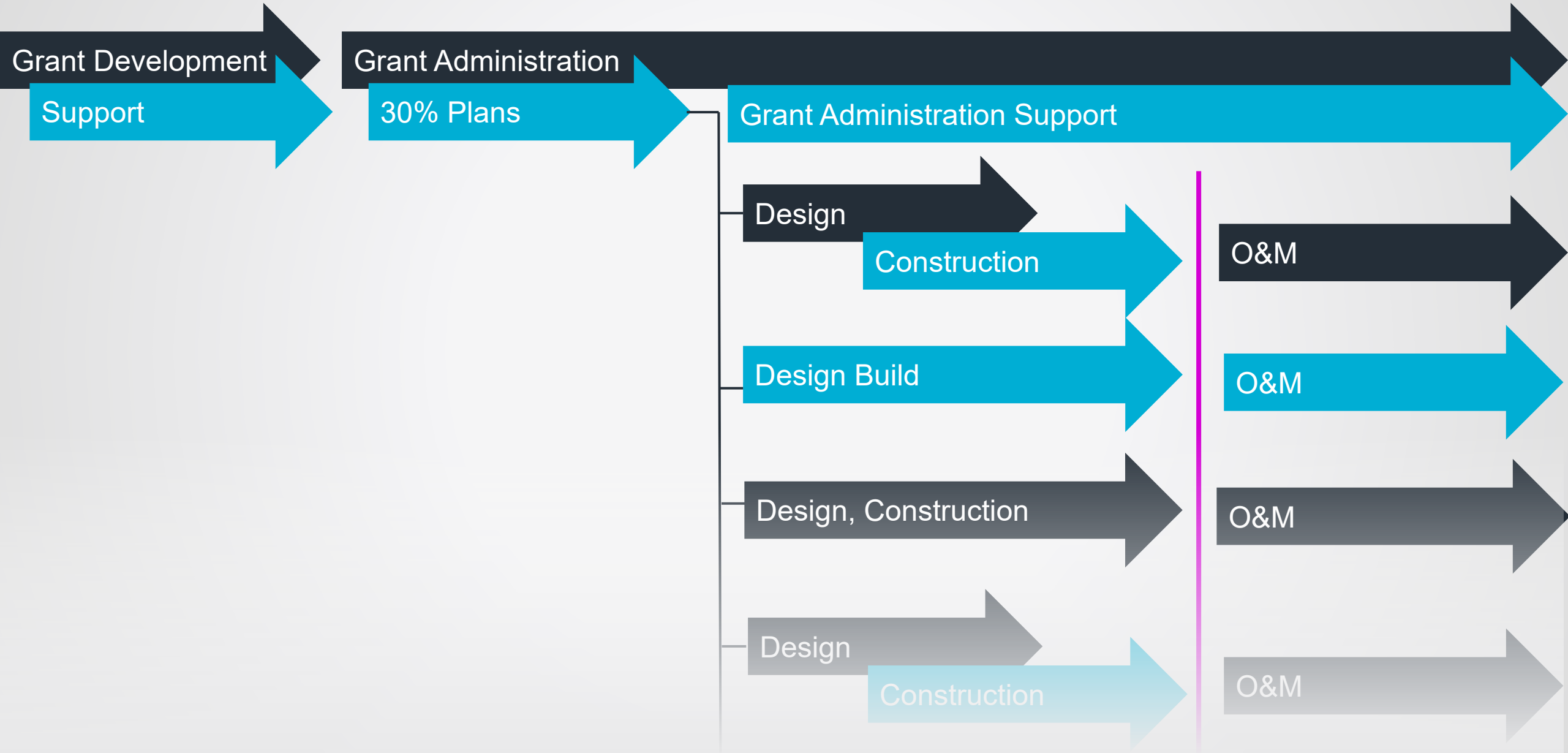
Project and Contract Conceptual Timeline



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Project and Contract Conceptual Timeline



- Enhance highway safety and efficiency by providing timely and reliable truck parking information
- Provide a sustainable and scalable truck parking solution
- Provide a secure solution that protects user privacy and data
- Maximize user acceptance of the system for truck parking decisions

Existing Technologies

- In-pavement magnetometer
- Video cameras
- Radar
- Dynamic Message Panels
- 511 Websites
- API

Consistent Application

- 5 Minute Updates
- Sign Placement
- “LOW” message
- Private site availability



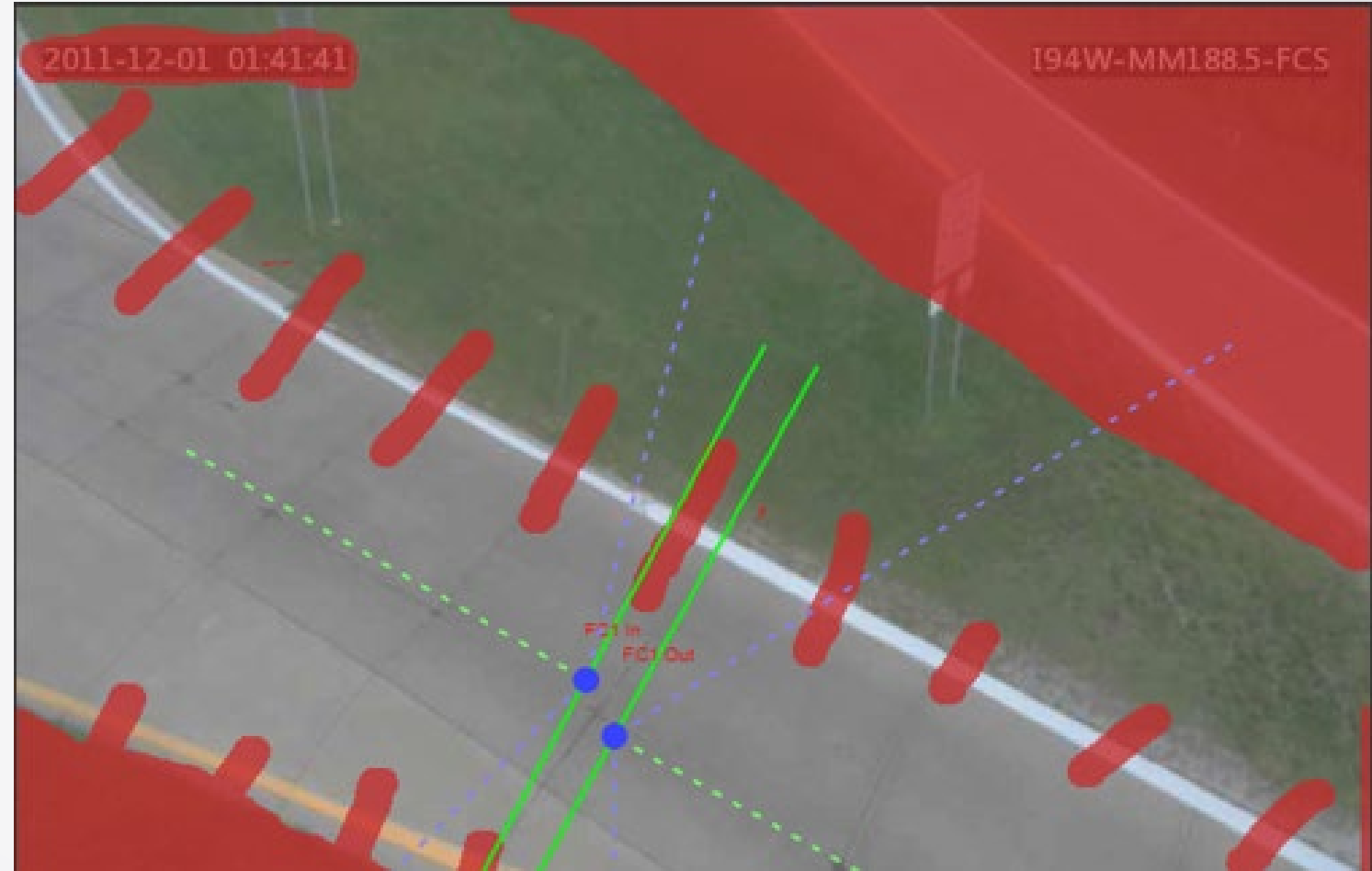
State-by-state flexibility with compatibility in key areas for a consistent user experience

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Main Detection Methodologies

- Screen Line
- Space-by-space
- Not dependent on unique ID of user

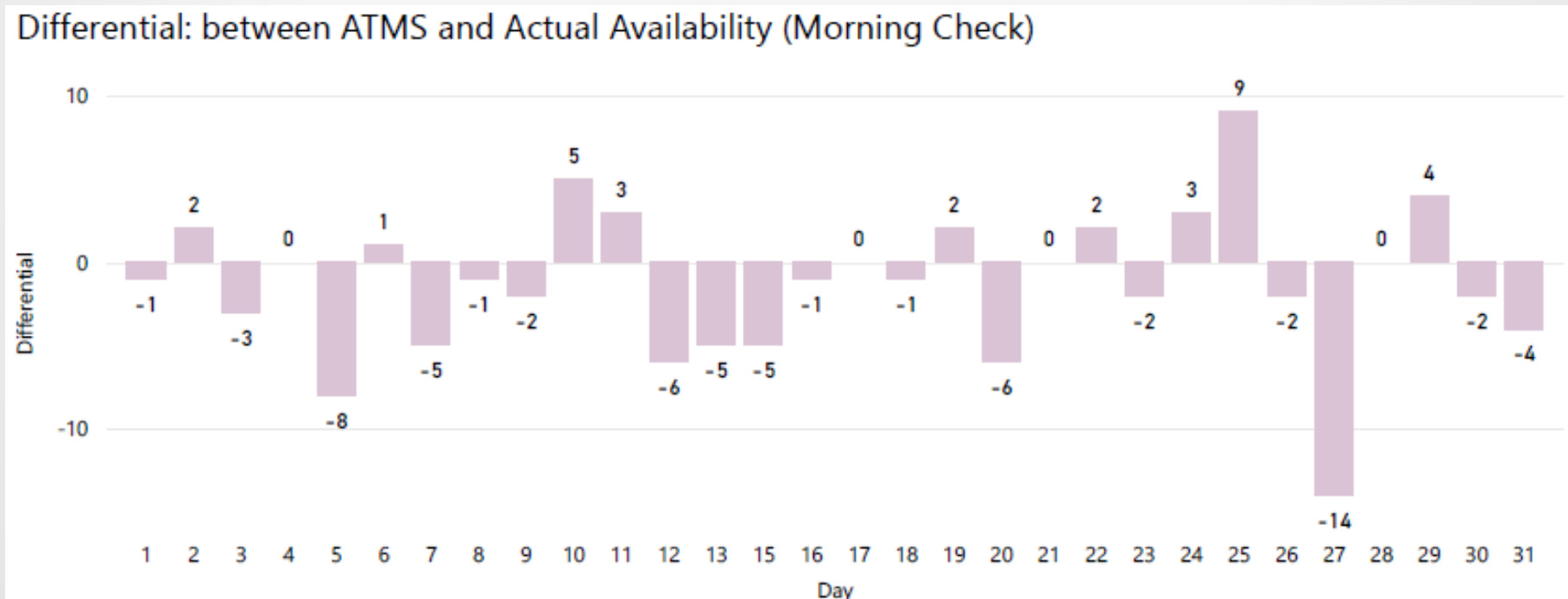


Engagement

- MAFC
- ATRI
- OOIDA
- Private Facility Owners

Availability Accuracy

- Performance measures
- Periodic out-of-band verification of count
- Record, reset as necessary



TIGER PROPOSAL 2015

Regional Truck Parking Information and Management System (TPIMS)

CONTACT INFORMATION

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Grant Request: \$36.6 million
Grant Type: Rural Application



trucksparkhere.com/project-history

Thank you.



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