

Akil-Abree Consulting LLC

Strategic Rollout Plan for the Acquisition and Expansion of IntelliStreet

Executive Overview

Akil-Abree Consulting LLC is preparing for the acquisition and strategic expansion of IntelliStreet through a comprehensive public-private deployment initiative focused on smart infrastructure, EV integration, public safety, connectivity, and manufacturing partnerships.

This rollout plan is designed to position IntelliStreet as a leading smart infrastructure platform throughout Illinois and beyond by leveraging public sector partnerships, transportation infrastructure, educational institutions, and private-sector development opportunities.

Our strategy is built upon four foundational pillars that will guide deployment, scalability, workforce development, and long-term sustainability.

The Four Pillars of the Rollout Plan

1. Public-Private Partnerships

Establish strategic collaborations between government entities, labor organizations, educational institutions, and private industry to accelerate deployment and long-term adoption of IntelliStreet technologies.

Key Focus Areas:

- Municipal and state partnerships
- Infrastructure modernization initiatives
- Union workforce integration
- Federal and state grant alignment
- Public safety and smart-city initiatives

2. Supply Chain Development

Create a reliable and scalable domestic supply chain to support manufacturing, assembly, deployment, maintenance, and expansion efforts.

Objectives:

- Build regional supplier relationships

- Strengthen logistics and distribution capabilities
 - Reduce deployment timelines
 - Increase domestic sourcing opportunities
 - Support long-term operational sustainability
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3. Project Development & Deployment

Implement phased deployment strategies across public and private sectors while aligning projects with economic development initiatives and infrastructure funding opportunities.

Strategic Goals:

- Statewide smart infrastructure integration
 - Transportation modernization
 - EV charging expansion
 - Public safety enhancement
 - Digital connectivity initiatives
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4. Manufacturing Partnership & Workforce Development

Develop a manufacturing and assembly facility dedicated to IntelliStreet deployment while creating workforce pipelines through labor unions, colleges, and training institutions.

Core Components:

- Assembly and manufacturing operations
 - Apprenticeship and pre-apprenticeship programs
 - Veteran workforce inclusion
 - Technical certification pathways
 - Smart-city technology training
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Public Sector Rollout Strategy

State-Level Initiatives

1. Oasis EV Charging & Smart Pole Infrastructure

- EV charging station deployment
- Smart pole integration
- Protected and connected charging garages
- Public safety and monitoring systems
- Energy-efficient infrastructure

2. Landmark & Tourism Integration

- Wayfinding systems
- Public Wi-Fi connectivity
- Smart poles with integrated technology
- Information and visitor assistance stations
- Security and surveillance enhancements

3. Manufacturing & Assembly Facility

- Regional assembly plant development
- Increased deployment efficiency
- Job creation and workforce expansion
- Domestic manufacturing partnerships

4. Metra & Transit-Oriented Deployment

- EV charging stations at Metra stops
- Smart pole transportation integration
- Passenger connectivity solutions
- Security enhancements

5. State Road Infrastructure

- Smart roadway integration
- Intelligent transportation systems
- Connected infrastructure deployment

- Traffic and safety monitoring systems
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County-Level Initiatives

1. Forest Preserve & Recreation Areas

Deployment opportunities include:

- Walking, jogging, and biking pathways
- Smart wayfinding systems
- Information stations
- Security infrastructure
- Parking lot management systems
- License Plate Readers (LPR)
- Vehicle counters
- Pedestrian traffic counters

2. County Roads & Public Facilities

- Smart infrastructure upgrades
 - EV charging integration
 - Public safety enhancements
 - Connectivity solutions
 - Infrastructure modernization
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Educational Institution Initiatives

1. Elementary & K-12 Schools

- EV charging station deployment
- Smart pole infrastructure
- STEM and technology awareness programs
- Career Day participation

- Community engagement initiatives

2. Community Colleges

Smart Campus Initiative

- Smart infrastructure deployment
- Manufacturing partnership programs
- Technical certification curriculum
- Pre-apprenticeship workforce programs
- Union partnership integration

3. Universities & Higher Education

Illinois Public Higher Education Cooperative (IPHEC)

- Pursuit of sole-source procurement opportunities
 - Research and development partnerships
 - Smart-campus integration
 - Technology innovation collaboration
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Private Sector Rollout Strategy

1. Hospitals & Healthcare Facilities

- Security infrastructure
- Smart wayfinding systems
- Emergency connectivity support
- Parking management solutions

2. Commercial Centers & Strip Malls

- Public Wi-Fi connectivity
- Smart security systems
- Outdoor media and advertising capabilities
- Consumer engagement infrastructure

- Small business integration

3. Railroads & Transportation Logistics

- Railroad crossing safety systems
- Cargo theft prevention technology
- Federal transportation funding opportunities
- Smart freight monitoring

4. Industrial Parks

- Smart industrial infrastructure
- Security and logistics support
- EV fleet charging capabilities
- Connectivity solutions

5. Sports Stadiums & Entertainment Venues

- Crowd management systems
- Security enhancements
- Smart connectivity infrastructure
- Visitor engagement systems

Manufacturing Facility Development

Akil-Abree Consulting LLC plans to establish a dedicated IntelliStreet assembly and manufacturing facility to support regional and national deployment efforts.

Manufacturing Objectives:

- Increase production capacity
- Improve deployment efficiency
- Reduce operational costs
- Create workforce opportunities
- Strengthen domestic infrastructure manufacturing

Workforce Integration:

- Union partnerships
- Veteran hiring initiatives
- Apprenticeship pathways
- Technical certification programs
- Community workforce development

Closing Statement

The acquisition and expansion of IntelliStreet represents a transformative opportunity to modernize infrastructure, strengthen public-private collaboration, create workforce opportunities, and position Illinois as a national leader in smart-city and connected infrastructure technologies.

Akil-Abree Consulting LLC is committed to building a scalable, sustainable, and innovation-driven deployment model that benefits municipalities, educational institutions, transportation systems, businesses, and communities throughout the region.