IDOT Statewide Truck Parking Study

ISFAC Meeting
July 30, 2020
Agenda

1. Study Purpose
2. Outreach Efforts
3. IDOT Parcel ROW Analysis – Preliminary Results
4. Questions
Study Purpose

- Development a vision of IDOT’s role on truck parking
- Identify options to increase supply of truck parking
- Explore options for private sector engagement
- Identify Best Practices
Outreach Efforts to Date
Outreach Efforts To Date

- January ISFAC Meeting Presentation
- Conducted Survey – June 2020
- Industry Call Conducted July 20, 2020
- Agency Call Conducted July 28, 2020
Survey Results

Non-COVID 19 Key Takeaways

- Parking is not often available at most Illinois truck stop
- Difficulty locating parking in the Chicago Region
- More need for short term parking solutions
- Safety and/or Security at the Facility as most important factor

COVID 19 Key Takeaways

- Has impacted ability to deliver cargo
- No change in truck parking space availability

Non-COVID 19 Key Takeaways:

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ISFAC Survey-Amenity Question Results

If amenities are provided at a truck parking facility, how would you rank the importance of the following on a scale of 1 to 4, with 1 as the Least Important and 4 as the Most Important?

- Restroom
- Shower
- Food service
- WiFi/Internet Access

Weighted Average
IDOT Parcel ROW Analysis – Preliminary Results
Overview of IDOT Parcel ROW Analysis

- Data driven methodology to screen IDOT owned parcels for suitability for:
  - 1) Expansion of Current Facilities
  - 2) New Facility Location
<table>
<thead>
<tr>
<th>Criteria</th>
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<tr>
<td>Is the parcel greater than 2 acres in area?</td>
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<td>Is the parcel less than 0.25 miles from an Interstate exist?</td>
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<td>Is the parcel adjacent to an existing rest area?</td>
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<td>Is the parcel adjacent to a weigh station?</td>
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<td>Is the parcel adjacent to a private truck parking facility?</td>
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<td>Is the parcel located along an Interstate segment that has a private truck parking facility that is consistently full?</td>
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<tr>
<td>Is the parcel located along an Interstate segment that has a rest area that is utilized over capacity?</td>
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<td>Is the parcel located along a segment with the number of fatigue related crashes involving an HCV in the top quintile of the IDOT District</td>
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<tr>
<td>Is the parcel located along a segment with fatigue related crashes involving an HCV?</td>
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<td>Is the parcel located along a segment with excessive rest area spacing?</td>
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Category 1: Potential Expanded Facilities

Parcel includes existing safety rest areas

Parcel is adjacent to existing safety rest areas
Example: Group A) Parcel includes existing safety rest area
Category 2: Potential New Facilities

- Proximity to Interstate
- Accessible to Local Road Network

Feasibility and Accessibility is Key
Example-Potential New Location Facilities: Parcel is accessible to Interstate and local road network.
Secondary Evaluation Next Steps

Adjust Criteria Weights

Aerial Review
- Access of parcel to local road network
- Adjacent landParcel geometry and position suitability

Identify Environmental Sensitive Locations

Analyze Historical and Cultural Resources
Additional Questions
Connecting Truck Parking to Planning

- MPOs Freight Plans: To what extent is truck parking discussed?

- Local Gov’t Comp Plans: Is there a freight plan/component and to what extent does it address truck parking?
Thank You!

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