Killing Two Birds

MoDOT addresses truck parking and high-cost facilities in one solution

Talking Freight, January 18, 2017

Cheryl Ball, JD
MoDOT Freight and Waterways Administrator

Two Problems That Seem Unrelated

Truck Parking Issues

- Drivers parking on shoulders and ramps
- Explosive growth in CMV VMT
- HOS
- Decreasing budgets; expensive right of way

Roadside Assets

- Aging infrastructure
- Septic systems need upgraded

2 for 1 Solution

Truck Parking

- Fewer trucks on ramps and shoulders
- Many more comfort facilities for small vehicle travelers today offset transfer to trucks

Roadside Assets

- Decommission obsolete facilities & convert
- Eliminate
 environmental issue
- Fiscally responsible
 - Already own ROW
 - Conversion costs recouped quickly

Costs

Initial Conversion

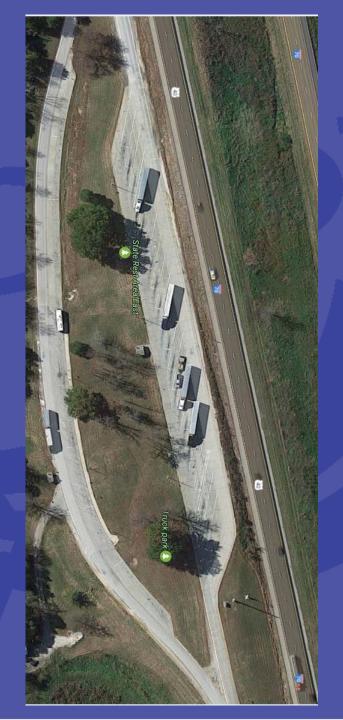
- Demolition
- Remediate Septic System
- Site Preparation

Continuing Costs

- Safety Lighting
- Mowing
- Snow Removal
- Trash Removal/pickup
- Vault cleanout

Savings

- Water
- General Electricity
- Maintenance
- Cleaning Costs



Lessons Learned

- Trash cans create more debris
- Parking unused at weigh stations
- Road maintenance savings data
- Engage trucking industry





Rock Port ATCHISON SCHUYLER SCOTLAND ANDREW Coffey Mound City GRUNDY SHELBY 38 Dearborn Weigh Station A1 Platte Cit MONROE RANDOLPH HOWARD LAFAYETTE AUDRAIN MONTGOMERY LINCOLN Boonville Chain of Rocks CHARLES) Weigh Station A4 Harrisonvil - 60) BASCONADE FRANKLIN PETTIS MONITEAU) COLE MORGAN SULLIVAN HENRY loomsdale JEFFERSON BATES BENTON Rect Stop Bloomsdale NB/SB mm 180 CLAIR CAMDEN STE. GENEVIEVE HICKORY WASHINGTON PULASKI VERNON FRANCOIS IRON EBANON PHELP8 CEDAR REYNOLDS Fruitland RT LACLEDE DENT onway BARTON GREENE MADISON Weigh Station BOLLINGER **60** Charleston TEXAS CHARLESTON CHRISTIAN SHANNON NEWTON STODDARD MCDONALD OREGON MADRID / CARUTHERSVILLE 160 20 40 80 120 Steele

Facility Locations



Facility Type

Rest Area

Truck Parking Only

Welcome Center

Weigh Station

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Not a Complete Solution

- Supplements, not replaces, private truck parking
 - o Demand for truck parking still outstrips supply
 - Number of trucks expected to double
 - We're nearly out of conversion opportunities
- Parking for Staging is Still Needed
 - o Urban Areas
 - Near freight generators
- Needs Management Buy-in
 - Must demonstrate shut down versus conversion benefits for each site.