



A Cross-District Transportation Model



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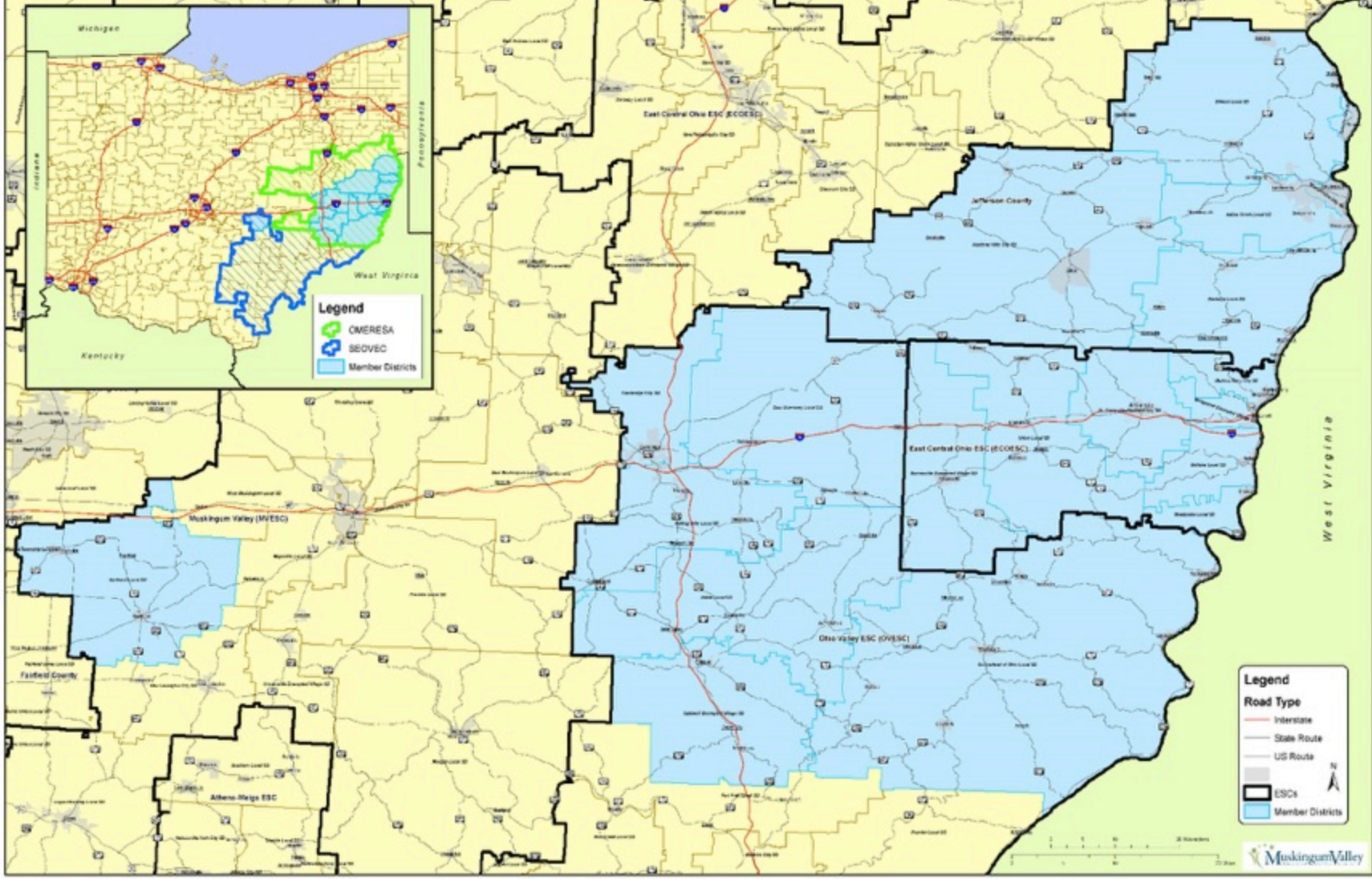
\$1.76 Million ODE Straight A Grant Ohio Shared Services Collaborative



- Currently in Year 2 of a 5 Year Grant
- 20 Local School Districts
- 1 Board of Developmental Disabilities
- 4 Educational Service Centers
- 2 Information Technology Centers
- 1 Public University

Consortium School Districts

Optimizing Transportation Efficiencies in a Cross District Consortium
Ohio Shared Services Collaborative



Legend
Road Type
— Interstate
— State Route
— US Route
■ ESCs
■ Member Districts

Save \$4 Million in Transportation Costs



1. Reduce bus idle time
2. Minimize fleet inventory
3. Reconfigure bus routes, bus stops, and parking and maintenance facilities
4. Utilize a Radio Frequency ID (RFID) system for student bus rider counts and safety
5. Develop and deploy an online, multi-district bus scheduling database
6. Maintain each district's local decision-making control, while working in a shared services model

January to June, 2015

2,646,982

Miles Driven

448 buses equipped with GPS and RFID card readers.

On an average school day no more than 75% of buses were used.

Average 7.26 miles per gallon.

16,618 bus runs from March 23rd to June 16th.

Max idle times totaled 4617 hours.

47% of max idle times exceeded 15 minutes.

364,455

Gallons Fuel Burned

Example GPS Outputs



Speed Today

2.21%

of time over 55 mph today

\$41.90

for time over 55 mph today

Assets with Speed

Incidents Today (153)

Idles Today

12.83%

idle time today

\$515.40

idle cost today

Assets with Excessive Idles

Today (4)

GPS Speed Report with Graph

Date Created	Timezone Used	Minimum Speed
Tue 20 Oct 2015 12:56	EST5EDT	55 mph

Asset No.	Max Speed	Max Speed Time	Zone
008 - INDIAN CREEK	71.5 mph	Tue 20 Oct 2015 07:55	

Speed Report For Asset 008 - INDIAN CREEK From: Tue 20 Oct 2015 07:25 To: Tue 20 Oct 2015 08:25



Z Pass+ for Parents' Peace-of-Mind.



Know when and where your child gets on and off the school bus.

- Know the date, time and location your child boarded and exited the bus.
- Receive instant notifications directly to your e-mail or phone.

How does it work? Students carry a small card that automatically logs their entry or exit when they pass the scanner on the school bus. The information is then instantly and securely available to you. Notifications can also be sent directly to your computer or to your cell phone via text message.

Z Pass+ brings you a whole new level of assurance. Knowing when and where your child gets on and off the bus gives you added peace-of-mind and makes it easier for you to plan your day.

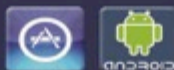
Stay updated and feel confident about your child's safety with Z Pass+!

Learn more and sign up today at:

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Second Year Activities



- Offer districts alternate bus routes, within and between districts
- Fully deploy RFID system
- Pilot cross-district student bus scheduler
- Examine feasibility of cross-district bus sharing
- Continue to collect and refine financial impact data
- Continue to refine shared services transportation model
- Develop proposal to expand consortium to include 60 districts, 15 Boards of Developmental Disabilities, 5 ESCs, and 2 ITCs.

Thank You!



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