



SHELBY EASTERN SCHOOLS

School district saves \$40K by using Zonar to uncover data-driven insights to increase efficiencies and make smarter routing decisions

Zonar Solutions Involved:

- Ground Traffic Control™
- V3/V4 Telematics Control Units

“The overall process of revamping our entire routing structure for the 2019-2020 school year took less than one month, thanks to Zonar.”

Katrina Falk, Assistant Director of Transportation

Challenge	Action	Result
<p>Shelby Eastern Schools is a small, rural district in Indiana.</p> <p>Their challenge was two-fold:</p> <ul style="list-style-type: none"> • First, although the district began using Transfinder, it had no efficient way to watch routes unfold in real time, short of physically following the buses. • Second, if a contracted driver strayed from the existing route due to a road closure or detour, there was no way to ensure the extra miles driven for additional compensation. This system lacked checks and balances, and efficiency. The district needed real-time data to save money and streamline operations. <p><i>Katrina says</i> <i>“Routing software alone did not allow us the capability to see, at any given point in time, what our buses were actually doing on their routes. We could have revamped our routing structure with only the routing software, but it would not have occurred in a timely, succinct fashion.”</i></p>	<p>Zonar worked closely with Katrina, the Shelby School District’s Assistant Director of Transportation to:</p> <ul style="list-style-type: none"> • Install Zonar equipment on all buses in the district’s fleet. This involved the Zonar team traveling to operator’s homes in a blizzard to ensure a fast implementation. • Within days of the installation, Katrina was able to pull the data needed to compare existing routes with what was actually happening on the roads each day. <p><i>Katrina says</i> <i>“A Director should be concerned about not only up-front costs, but long-term costs. Zonar provides data that can be utilized in long-range planning efforts that will impact a school district and/or organization for years, potentially decades, to come.”</i></p>	<p>Out of the 19 daily routes the Shelby School District ran, they were able to eliminate one complete route after detecting the location of under-utilized or defunct bus stops and where routes overlapped from using Zonar. This is a cost savings of \$40K per school year.</p> <p>Zonar has positively impacted driver morale as well as the entire transportation department. Drivers are at ease knowing the data from Zonar is available for review should complaints arise, many times proving the drivers are not at fault. Zonar has also streamlined the routing process, itself, and saved the district money.</p> <p><i>Katrina says</i> <i>“Because we were able to pull actual data from our current fleet, we were able to identify that, over the course of a 150,000-mile service life, an alternative fuel-powered vehicle would cost us nearly \$25,000.00 more to operate when compared to the diesel-powered vehicles we currently employ.”</i></p>

To learn more about how Zonar can help keep your student riders safer, contact us at info@zonarsystems.com.