

The background of the slide features a large, semi-circular seal of the City of Grand Rapids, Michigan. The seal is rendered in a light orange color against a darker orange background. It depicts an eagle with its wings spread, perched on a shield with vertical stripes and stars. Above the eagle is a sunburst and a pair of scales of justice. The words "CITY OF GRAND RAPIDS MICHIGAN" are written in a circular border around the central imagery, and the year "1850" is at the bottom.

# **Public Safety Committee**

## **Update Regarding Speed Trailers**

**November 15, 2022, 3 pm**

Three white, wavy, horizontal lines that sweep across the bottom of the slide, starting from the left and ending on the right, adding a dynamic element to the design.

# Speed Trailer Overview

- February 2018 City Commission adopted Vision Zero resolution - Strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all.
- Devices placed on streets to collect speed data and display speeds to drivers encouraging them to slow down. Deployment scheduled based on complaints, locations needing evaluation and GRPD input.
- July 2021 Mobile GR assumed responsibility for maintenance and deployment of four speed trailers from GRPD.
- Speeding complaints have continued to grow since the pandemic.
- December 2021 purchased two more speed trailers.
- By October 2022 caught up with all complaint-based placements and requests.



# Speed Trailers and Transportation Safety

- Effectiveness – Speed trailers demonstrate a visible response to speeding complaints. Research demonstrates they are a short-term solution without improving safety. Drivers quickly learn that without regular speeding enforcement deterrence wanes. Speed trailers do serve well at collecting data.
- Storage – The manufacturer of the speed trailers we have used recommends not storing them in extreme cold environments making garage storage ideal. Mobile GR has squeezed the trailers into limited garage space at 509 Wealthy.
- Costs - \$13,000 per trailer with a \$500 annual cost in maintenance.
- By October 2022 caught up with all complaint-based placements and requests.
- Completed 40 placements to date in 2022.

# Transportation Safety Implementation

- Implementation Considerations:
  - Exploring purchase of more speed trailers, which requires an additional staff person. This position would also help with the expanded traffic calming program and traffic data collection work orders.
  - City staff may also test fixed speed signage on one corridor in all three Wards to test effectiveness. The signs would be evaluated for at least 18 months before expanding to ensure that they are cost-effective and improve safety.
  - Increase work to advance state legislative changes to allow for automated enforcement or a pilot project.

