

Sounder Overhaul Budget Amendment

Rider Experience and Operations Committee

8/7/2025



Why we are here

- Today we are here to request a do-pass recommendation to the Board to approve a budget amendment (*Resolution No. R2025-18*) to the Sounder Overhaul Project.
- The agency performs regular long-range planning and the budget being requested is within the long-term service delivery project forecast developed for maximizing the useful life of the Sounder vehicles, in accordance with FTA guidelines.
- This amendment will give fund authority to proceed with Sounder overhaul project requirements. This amendment will also provide the ability to enter into a contract for Sounder's mid-life car overhaul (Motion No. M2025-38) also being presented today.

Overhaul Project Budget Request - \$62.5M

- This request will add \$62.5 million to the Sounder Vehicle overhaul project, to bring it to a total of \$136.4 million.
- Included in this request is budget for associated consulting as well as engineering and inspection work
- The Overhaul program being funded also includes ongoing loco and car projects:
 - Heating, Ventilation and Air Conditioning (HVAC) overhauls
 - Head End Power (HEP) engine overhauls are ongoing not one-time projects
- Includes PTC Precision Navigation Module (PNM) enhancement
- Vehicle Event Recorder upgrade

Sounder Car Overhaul Procurement

Rider Experience and Operations Committee

8/7/2025

Why we are here

- Today we are here to request a do-pass recommendation to the Board to approve a contract with Systra-Brookville for the Sounder Overhaul for \$92.7m (plus tax).
- The Sounder cars are up to 25 years old and in need of a mid-life overhaul to optimize their useful life.
- This contract would access the aforementioned budget addition needed for the Sounder Overhaul projects, specifically for a contract with Systra-Brookville.
- The cars will be shipped to Brookville, PA for the overhaul, with an average of five cars off site at one time.
- Sounder has recently purchased 11 additional cars, which will offset the cars in overhaul to ensure the required fleet availability to meet service needs.



Sounder Car Overhaul – Key Elements

- Door Motors
- HVAC Controllers
- Toilet Systems
- Couplers/Draft Gear
- Flooring
- Trucks
- Bike Storage
- Lighting
- Exterior Paint



Sounder Car Overhaul – Timeline and Cost Structure

| Sounder Car Overhaul Schedule Planning - Vehicles at Brookville, PA | | | | | | |
|--|-----------------------------------|-------------|-----------------------------|-------------|-------------|-------------|
| Description | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
| Cars 1-4 | | | | | | |
| Cars 5-58 | | | | | | |
| | First 4 Cars - (Time & Materials) | | Cars 5 - 58 - (Fixed Price) | | | |

- The first four cars will be billed at “time and materials”.
- This will better inform the team with a precise remaining per unit cost.
- The final 54 cars will be billed with a “firm fixed price”.

Thank you.



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Sounder Car Overhaul – Finance Notes

Systra-Brookville Overhaul of 58 Cars

The following points are background to the overhaul cost and value:

- Original ICE was developed in 2019; today's figures reflect inflation for labor and materials
- Our new figure is improved with a negotiated proposal submitted
- Project now includes consulting, engineering, contingency and tax
- Adjusted to include options (toilet system, bike area, lighting)
- Contract value per unit is within peer agency project averages