

AGENDA ITEM 2 B
Action Item

MEMORANDUM

DATE: August 7, 2025

TO: El Dorado County Transit Authority

FROM: Kate Hewett, Finance Manager

SUBJECT: Mobile Router Replacement Capital Improvement Plan Project

REQUESTED ACTION:

BY MOTION,

**Adopt Capital Improvement Plan Project 26-03 for Cradlepoint
Mobile Router replacements**

BACKGROUND

The El Dorado County Transit Authority (El Dorado Transit) utilizes mobile routers known as Cradlepoints that are installed in some of our revenue vehicles (MCI's and Gillig's - 26 total). The mobile router provides internet for tablet connections, on-board camera connections, and free Wi-Fi for passengers.

DISCUSSION

It has been determined that the current mobile routers in the buses are at the end of life and will no longer be supported by the manufacturer. They need to be replaced proactively before failure occurs.

El Dorado Transit will need to procure new Cradlepoint mobile routers and have them configured and installed. The Cradlepoints will also need to be documented in the NetCloud portal so that they can be managed centrally and deployed automatically.

The program will consist of:

- Purchase of Replacement Cradlepoint Mobile Routers
- Configuration and Documentation
- Installation

If approved, Project 26-03 (Attachment A) would allow El Dorado Transit to replace all current end of life mobile routers before issues arise.

Staff recommends that the Board adopt the attached CIP Project 26-03 for Cradlepoint Mobile Router Replacements using Transportation Development Act (TDA) funding.

El Dorado County Transit Authority
August 7, 2025

FISCAL IMPACT

COST SUMMARY (ESTIMATE)

	Proposed <u>Budget</u>
Cradlepoint Mobile Routers	\$19,607
Configuration/Documentation	\$ 5,850
Contingency (15%)	<u>\$ 3,819</u>
<i>Total Project Cost</i>	\$29,276

FUNDING SOURCE

Transportation Development Act (TDA)	<u>\$29,276</u>
<i>Total Revenue</i>	\$29,276

Verizon Wireless was offering a rebate that specified that if the Cradlepoints were purchased and activated by 7/31/2025, the cost of each Cradlepoint (\$703.00) would be credited back to the Verizon Wireless bill. The Executive Director pre-authorized the purchase of the Cradlepoints to take advantage of the rebate since the threshold is under his purchasing power. If this CIP is not approved, we are able to return the Cradlepoints for a full refund.

Cradlepoint Mobile Router Replacements

Project No. 26-03

The El Dorado County Transit Authority (El Dorado Transit) has mobile routers (known as Cradlepoints) installed in some of our revenue vehicles (MCI's and Gillig's - 26 total). The mobile router provides internet for tablet connections, on-board camera connections, and free Wi-Fi for passengers.

It has been determined that the current mobile routers in the buses are at the end of life/support and need to be replaced proactively before failure occurs.

El Dorado Transit will need to procure new Cradlepoint mobile routers and have them configured and installed. The Cradlepoint mobile routers will also need to be documented in the NetCloud portal so that they can be managed centrally and reset/deployed automatically.

The program will consist of:

- Replacement of Cradlepoint Mobile Routers
- Configuration/Documentation
- Installation

COST SUMMARY (ESTIMATE)

Proposed Budget

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