

LOS ANGELES UNIFIED SCHOOL DISTRICT

SCHOOL CONSTRUCTION BOND CITIZENS' OVERSIGHT COMMITTEE

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LAUSD Student Parent

Jeanalee Obergfell (Alternate)

L.A. City Mayor's Office

Brendan Sullivan (Alternate)

Tenth District PTSA

Timothy Popejoy

Bond Oversight Administrator

Perla Zitle

Bond Oversight Coordinator

Joseph P. Buchman – Legal Counsel

Burke, Williams & Sorensen, LLP

Lori Raineri and Keith Weaver – Oversight Consultants

Government Financial Services Joint Powers Authority

RESOLUTION 2025-45

BOARD REPORT 197-25/26

RECOMMENDING BOARD APPROVAL FOR AN AMENDMENT OF THE INFORMATION TECHNOLOGY SERVICES STRATEGIC EXECUTION PLAN TO APPROVE THE SCHOOL NETWORK ALTERNATIVE CONNECTIVITY PILOT PROJECT

WHEREAS, District Staff proposes that the Board of Education amend the Information Technology Services (ITS) Strategic Execution Plan (SEP) to approve the definition, allocate funds, and take the associated actions for the School Network Alternative Connectivity Pilot project, as described in Attachments A, B, C, and D; and

WHEREAS, District Staff proposes the following actions:

- Redirect and allocate \$10,639,200 of cost savings from in-progress projects bond funds to complete the School Network Alternative Connectivity Pilot project.
- Approve execution of the School Network Alternative Connectivity Pilot project; and

WHEREAS, On August 24, 2024, the Board of Education approved the update of the School Upgrade Program (SUP) to integrate Measure US funding and priorities (Brd. Rpt. 029-24/25), the next phase of the District's Bond Program, which will modernize, build, and repair school facilities to improve student health, safety and educational quality. The Board's action approved the overarching goals and principles, funding sources, specific categories of need, and spending targets for the SUP. As proposed projects are developed, they are submitted to the Bond Oversight Committee (BOC) for consideration and the Board of Education for approval; and

RESOLUTION 2025-45

RECOMMENDING BOARD APPROVAL FOR AN AMENDMENT OF THE INFORMATION TECHNOLOGY SERVICES STRATEGIC EXECUTION PLAN TO APPROVE THE SCHOOL NETWORK ALTERNATIVE CONNECTIVITY PILOT PROJECT

WHEREAS, The SUP includes spending targets to address “Technology Infrastructure and System Upgrades”. The intended outcome of the proposed project to be executed within this spending target is:

- School Network Alternative Connectivity Pilot project: This project will pilot a dark fiber ring - a network system that interconnects school networks to each other using fiber optic cabling - across 44 school sites to provide redundant, high-availability connectivity and evaluate the feasibility, performance and scalability of this alternative connectivity to demonstrate effectiveness for application across the greater Los Angeles Unified School District. \$10,639,200 Bond Funds (100%). June 2027 anticipated completion.

If approved, ITS will provide quarterly updates on the Project; and

WHEREAS, District Staff anticipate that the Board will amend the ITS SEP to define the new project described herein and allocate \$10,639,200 of Bond Program funding.

WHEREAS, This project will deliver the following outcomes and benefits that impact students:

- Backup Connectivity – Maintains critical operations during primary WAN outages.
- Future-Ready Technology – Introduces scalable, next-generation solutions aligned with long-term goals.
- Reduced Downtime – Minimizes instructional and administrative disruptions from network outages.
- Pilot for Expansion – Provides a model to guide district-wide deployment of resilient, cost-effective connectivity.

Furthermore, this project directly contributes to achievement of several pillars and priorities of the 2022-2026 LAUSD Strategic Plan, including: High-Quality Instruction, College and Career Readiness, and Eliminating Opportunity Gaps (Pillar 1: Academic Excellence); Welcoming Learning Environments (Pillar 2: Joy and Wellness); and Modernize Infrastructure (Pillar 4: Operational Effectiveness).

WHEREAS, the District’s Office of the General Counsel has reviewed the proposed Projects and determined that they may proceed to the School Construction Citizens’ Bond Oversight Committee (BOC) for its consideration for recommendation to the Board of Education.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. The School Construction Citizens’ Bond Oversight Committee recommends that the Board of Education adopt the amendment of the Information Technology Services Strategic Execution Plan to approve the School Network Alternative Connectivity Pilot project listed above as described in Board Report 197-25/26, a copy of which is attached hereto in the form it was presented to the BOC and is incorporated herein by reference.
2. This resolution shall be transmitted to the Los Angeles Unified School District Board of Education and posted on the Bond Oversight Committee’s website.

**RESOLUTION 2025-45
RECOMMENDING BOARD APPROVAL FOR AN AMENDMENT OF THE INFORMATION
TECHNOLOGY SERVICES STRATEGIC EXECUTION PLAN TO APPROVE THE SCHOOL
NETWORK ALTERNATIVE CONNECTIVITY PILOT PROJECT**

3. The District is directed to track the above recommendation and to report on the adoption, rejection, or pending status of the recommendations as provided in section 6.2 of the Charter and Memorandum of Understanding between the Bond Oversight Committee and the District.

ADOPTED on December 11, 2025, by the following vote:

AYES: 13

ABSTENTIONS: 0

NAYS: 0

ABSENCES: 2

/Michael Hamner/

D. Michael Hamner
Chair

/Samantha Rowles/

Dr. Samantha Rowles
Secretary



Board of Education Report

File #: Rep-197-25/26, **Version:** 1

Agenda Date: 12/16/2025

In Control: Information Technology

Amendment to the Information Technology Services Strategic Execution Plan to Approve the School Network Alternative Connectivity Pilot Project

Information Technology Services

Brief Description:

(Amendment to the Information Technology Services Strategic Execution Plan to Approve the School Network Alternative Connectivity Pilot Project). Recommends approval of an amendment to the Information Technology Services (ITS) Strategic Execution Plan (SEP) to authorize the definition, funding allocation, and related actions necessary to implement the School Network Alternative Connectivity Pilot project, as detailed in Attachments A-D. The project budget is \$10,639,200 and is funded by bond funds (100%). It is anticipated to be completed by June 2027.

Action Proposed:

Approve an amendment to the ITS SEP to authorize the definition, funding allocation, and related actions necessary to implement the School Network Alternative Connectivity Pilot project, as detailed in Attachments A, B, C, and D.

The proposed actions are as follows:

- Redirect and allocate \$10,639,200 in bond-funded cost savings from in-progress projects to fully fund the School Network Alternative Connectivity Pilot project.
- Authorize execution of the School Network Alternative Connectivity Pilot project, including all required planning, procurement, implementation, and administrative actions.

The project budget is \$10,639,200 and is funded by bond funds (100%). It is anticipated to be completed by June 2027.

This project will pilot a dark fiber ring - a network system that interconnects school networks to each other using fiber optic cabling across 44 school sites to provide redundant, high-availability connectivity and evaluate the feasibility, performance, and scalability of this alternative connectivity model to determine its potential for District-wide implementation.

Background:

On August 24, 2024, the Board of Education approved the update of the School Upgrade Program (SUP) to integrate Measure US funding and priorities (Board Rpt. 029-24/25), the next phase of the District's Bond Program, which will modernize, build, and repair school facilities to improve student health, safety and educational quality. The Board's action approved the overarching goals and principles, funding sources, specific categories of need, and spending targets for the SUP. As proposed projects are developed, they are submitted to the Bond Oversight Committee (BOC) for consideration and the Board of Education for approval.

The SUP includes spending targets to address “Technology Infrastructure & System Upgrades.” The proposed project aligns with this SUP category.

Bond Oversight Committee Recommendations:

The School Construction Bond Citizens’ Oversight Committee (BOC), at its December 11, 2025, meeting, considered this item. Staff have concluded that this proposed SEP Amendment will facilitate the implementation of the ITS SEP, and therefore it will not adversely affect the District’s ability to successfully complete the ITS SEP.

Expected Outcomes:

Staff anticipate that the Board will amend the ITS SEP to define the new project described herein and allocate \$10,639,200 of Bond Program funding. This project will enable the District to provide redundant, high-availability connectivity across 44 selected school sites and determine how this resilient, cost-effective technology can enhance network redundancy and maintain continuous service in support of teaching, learning, and campus safety.

Furthermore, this project directly contributes to achievement of several pillars and priorities of the 2022-2026 LAUSD Strategic Plan, including: High-Quality Instruction, College and Career Readiness, and Eliminating Opportunity Gaps (Pillar 1: Academic Excellence); Welcoming Learning Environments (Pillar 2: Joy and Wellness); and Modernize Infrastructure (Pillar 4: Operational Effectiveness).

Board Options and Consequences:

Failure or delay of approval will postpone the execution and/or implementation of the proposed project and the associated benefits to the schools and students.

Policy Implications:

This action is consistent with the District’s long-term goal to address unmet school needs as described in Proposition BB and Measures K, R, Y, Q, RR, and US.

Budget Impact:

The proposed project has a total budget of \$10,639,200, all of which will come from Bond Program funding. The bond funds will be allocated from the “Technology Infrastructure & System Upgrades” SUP category of need.

Upon completion of the project, \$220,974 in new funds will be needed annually to maintain the new systems deployed. These costs are anticipated to be paid from the Division’s existing budget.

Student Impact:

The proposed project has the following outcomes and benefits that impact students:

- Backup Connectivity - Maintains critical operations during primary WAN outages.
- Future-Ready Technology - Introduces scalable, next-generation solutions aligned with long-term goals.
- Reduced Downtime - Minimizes instructional and administrative disruptions from network outages.
- Pilot for Expansion - Provides a model to guide District-wide deployment of resilient, cost-effective connectivity.

Equity Impact:

Component	Score	Score Rationale
Recognition	4	The pilot of alternative network connectivity provides improved and equal access to a safe learning environment for students at 44 school sites. The 44 school sites of the pilot were identified and prioritized to participate in the pilot based on an analysis of historical outages caused by cable theft and fiber cuts and the potential of this area receiving the most benefit from introduction of a dark fiber ring.
Resource Prioritization	4	The pilot of alternative network connectivity provides improved and equal access to resources for students at 44 school sites by addressing vulnerabilities caused by the lack of backup network connectivity.
Results	4	This project directly contributes to achievement of several pillars and priorities of the 2022-2026 LAUSD Strategic Plan, including: High-Quality Instruction, College and Career Readiness, and Eliminating Opportunity gaps (Pillar 1: Academic Excellence); Welcoming Learning Environments (Pillar 2: Joy and Wellness); and Modernize Infrastructure (Pillar 4: Operational Effectiveness).
TOTAL	12	

Issues and Analysis:

The School Network Alternative Connectivity Pilot project introduces a dark fiber ring network system, at 44 school sites, interconnects school networks to each other using fiber optic cabling to provide seamless, uninterrupted network connectivity across campuses, and evaluates the feasibility of expanding the technology District-wide. In the absence of this pilot, District schools will continue using traditional networks that rely on a single WAN connection, which can create a single point of failure that disrupts instruction, daily operations, and safety.

Attachments:

- Attachment A - Project Definition
- Attachment B - Bond Oversight Committee Resolution
- Attachment C - Presentation Slide Deck
- Attachment D - List of Sites

Submitted:

12/02/25

RESPECTFULLY SUBMITTED,

APPROVED & PRESENTED BY:

ALBERTO M. CARVALHO
Superintendent

PEDRO SALCIDO
Deputy Superintendent
Office of the Deputy Superintendent

REVIEWED BY:

APPROVED & PRESENTED BY:

DEVORA NAVERA REED
General Counsel

SOHEIL KATAL
Chief Information Officer
Information Technology Services

___ Approved as to form.

REVIEWED BY:

KURT E. JOHN
Deputy Chief Financial Officer

___ Approved as to budget impact statement.



Information Technology Strategic Execution Plan Amendments Project Definitions and Associated Actions Attachment A – BOE #197-25/26

Program: Safety, Communications, and Security
Project: School Network Alternative Connectivity Pilot
Budget: \$10,639,200 (100% Bond Funds)

Introduction

The School Network Alternative Connectivity Pilot project encompasses Los Angeles Unified School District's ongoing efforts to strengthen connectivity and ensure reliable communication across K–12 school sites. Traditional networks rely on a single Wide Area Network (WAN) connection, which can create a single point of failure that disrupts instruction, daily operations, and safety. This pilot introduces a dark fiber ring – a network system that interconnects school networks to each other using fiber optic cabling. By evaluating its feasibility, performance, and scalability, the District aims to determine how this resilient, cost-effective technology can enhance network redundancy and maintain continuous service in support of teaching, learning, and campus safety.

Scope

The School Network Alternative Connectivity Pilot will install new fiber optic cabling to interconnect 44 K–12 school sites.

The project scope includes the following:

- Install fiber optic cabling between sites.
- Construct pathways to each school's Main Distribution Frame (MDF).
- Configure fiber links to enable backup network connectivity between sites in the event of WAN service disruptions.



Information Technology Strategic Execution Plan Amendments Project Definitions and Associated Actions Attachment A – BOE #197-25/26

The 44 school sites of the pilot were identified and prioritized to participate in the pilot based on an analysis of historical outages caused by cable theft and fiber cuts and the potential of this area receiving the most benefit from introduction of a dark fiber ring.

Expected Outcomes

This project will deliver significant improvements to campus connectivity, communication systems, and overall network resilience through the following outcomes:

- Backup Connectivity – Maintains critical operations during primary WAN outages.
- Future-Ready Technology – Introduces scalable, next-generation solutions aligned with long-term goals.
- Reduced Downtime – Minimizes instructional and administrative disruptions from network outages.
- Pilot for Expansion – Provides a model to guide district-wide deployment of resilient, cost-effective connectivity.

This project directly contributes to achievement of several pillars and priorities of the 2022-2026 LAUSD Strategic Plan, including: High-Quality Instruction and College and Career Readiness and Eliminating Opportunity gaps (Pillar 1: Academic Excellence), Welcoming Learning Environments (Pillar 2: Joy and Wellness), and Modernize Infrastructure (Pillar 4: Operational Effectiveness).

Schedule

The project will be completed by June 2027.