

Ten Penn Center
1801 Market Street
Suite 2600
Philadelphia, PA 19103
P 215.557.0106 | F 717.763.8150

gannettfleming.com

October 30, 2024

To: Philadelphia Art Commission

1515 Arch Street, 13th Floor Philadelphia, PA 19102

Re: City of Philadelphia - Dept. of Streets | Pine Road Over SEPTA Cover Letter

Dear Commissioners:

The Gannett Fleming team has been working with the City of Philadelphia – Department of Streets to design the bridge rehabilitation project at Pine Road over SEPTA between Stanwood Street and Solly Avenue. We are seeking administrative review and approval for this submission.

Constructed in 1964, the bridge has endured decades of use and weathering, which has developed into concrete spalls, corrosion, and the need to impose a weight limitation to the bridge. To resolve existing deterioration and to extend the bridge's service life, this project will replace the bridge's superstructure including the deck, sidewalk, barriers, and beams.

The new design will maintain the bridge's intended purpose for vehicular and pedestrian traffic by incorporating full depth pavement reconstruction and sidewalk replacement. New concrete structural components will be applied to complement the existing structure, along with modernized metal railings to meet current standards.

In addition, the bridge had originally crossed over the Philadelphia Newtown & New York Railroad which required a railroad barrier for protection. That abandoned railroad bed was recently revitalized into the Fox Chase Lorimer Trail, which has eliminated the need for a railroad barrier. A PennDOT 10M style barrier will be installed continuously in place of it for improved visibility for bridge and trail users.

Gannett Fleming believes the new design will provide an improved but minimally altered appearance and requests your administrative review. We have included some design materials below for your reference.

Please reach out to me or Michael Urban, PE (Gannett Fleming Project Manager) if you have any questions.

Very truly yours,

GANNETT FLEMING, INC.

Timothy Yiu, AIA

Architect

cc:

Mike Urban, Gannett Fleming (<u>murban@gfnet.com</u>)

Pine Rd over SEPTA

- Constructed in 1964
- Originally carried Pine Rd over P.N.&NY Railroad
- Newly constructed Fox Chase Lorimer Trail
- Carries vehicular and pedestrian traffic
- ❖ ADT: 8,811 vehicles/day



Purpose and Need





Purpose and Need





Existing Bridge



Proposed Bridge



Proposed Bridge



- Superstructure Replacement
 - Replace deck/sidewalk/barriers
 - Replace concrete beams
 - Minor repairs to abutments
- Improvements
 - Remove weight and parking restriction
 - Open railing barrier across the bridge and along approaches
 - Aesthetic appearance for trail users

Existing Bridge



Proposed Bridge



