



Virtual Public Information Center

Date: May 13th – May 27, 2024

Landing Lane (CR 609) over Delaware & Raritan (D&R) Canal – Bridge Replacement

City of New Brunswick, Middlesex County, NJ

The New Jersey Department of Transportation (NJDOT), committed to developing transportation improvements that best balance transportation needs, the environment, community concerns, and costs is holding a Virtual Public Information Center (PIC) to provide local residents, officials, and businesses with information on the **Landing Lane Bridge Replacement over Delaware & Raritan (D&R) Canal** project. You are encouraged to actively participate by providing comments by mail or email.

The Presentation

The Public Information Center will be held virtually. Please visit the following website any time between May 13th through May 27, 2024 to learn more about the project and leave comments:

<https://www.landing-lane-and-main-street-pic.com>

You will have an opportunity to review a presentation, submit questions, and leave feedback. Property owners with rental units are advised that tenants are also invited and encouraged to participate. If you are unable to view the presentation but are interested in learning about this project, please contact us at the telephone number or email address listed below.

Background

The area of the City of New Brunswick within the project limits is residential and commercial with predominately apartment buildings mixed with single-family homes and local businesses to the South, D&R Canal Tow Path to the North and Rutgers University to the Southeast. The bridge carries an undivided two-lane roadway over the D&R Canal. Built in 1920 as a swing moveable bridge allowing passage of marine traffic (locked since 1969), this 2-span steel through-girder bridge is approximately 74-feet long and 27.83-feet wide, including a 5-foot-wide timber panel sidewalk on the west side. The purpose of the project is to replace the Landing Lane Bridge with a new structure with life span of 75 years while reducing long-term bridge maintenance costs, preserving historical elements of the swing span and providing safe facilities for pedestrians during construction. The existing bridge is in poor condition due to the deck geometry, deck/substructure condition and substructure condition. Substandard items including safety features that do not meet current NJDOT standards, include the absence of shoulders and substandard sidewalk width.

The Project

The proposed project will replace the existing bridge with a single-span, 65.67-foot long, 33.33-foot-wide bridge with metalized steel girders, galvanized steel diaphragms, precast concrete deck panel superstructure, concrete abutments with spread footings, steel 3-bar railings and re-use of existing through girders as decorative facades. The proposed project roadway improvements include new bridge roadway cross section with an 11-foot lane and 1-foot shoulder in each direction of Landing Lane, 6-foot sidewalk on the west side, maintaining the existing roadway alignment and revising the vertical profile. Construction will be accomplished in one stage with a full roadway closure and vehicle detour. Construction will take place during the spring and summer months to minimize traffic impacts while nearby Rutgers University is in session. A temporary pedestrian bridge will be installed west of the proposed vehicular bridge to maintain pedestrian traffic during construction and the work zone will not obstruct traffic along George Street/CR 527 adjacent to the construction site.

Estimated Schedule

- Current – Preliminary Engineering
- January 2025 – Preliminary Engineering Complete
- January 2027 – Final Design Complete
- May 2027 – Start Construction
- July 2028 – Construction Complete

For further information, please contact:

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Main Street (CR 527) over Delaware & Raritan (D&R) Canal – Bridge Replacement Borough of South Bound Brook, Somerset County, NJ

The New Jersey Department of Transportation (NJDOT), committed to developing transportation improvements that best balance transportation needs, the environment, community concerns, and costs, is holding a Virtual Public Information Center (PIC) to provide local residents, officials, and businesses with information on the **Main Street Bridge Replacement over Delaware & Raritan (D&R) Canal** project. You are encouraged to actively participate by providing comments by mail or email.

The Presentation

The Public Information Center will be held virtually. Please visit the following website any time between May 13th through May 27, 2024 to learn more about the project and leave comments:

<https://www.landing-lane-and-main-street-pic.com>

You will have an opportunity to review a presentation, submit questions, and leave feedback. Property owners with rental units are advised that tenants are also invited and encouraged to participate. If you are unable to view the presentation but are interested in learning about this project, please contact us at the telephone number or email address listed below.

Background

The area of the Borough of South Bound Brook within the project limits is residential and commercial with single-family homes, apartment buildings and local businesses and the D&R Canal Tow Path to the North. The bridge carries an undivided two-lane roadway over the D&R Canal. Built in 1920 as a swing moveable bridge allowing passage of marine traffic (locked since late 1960s), this 2-span steel through-girder bridge is approximately 86-feet long and 33.33-feet wide, including a 3.33-foot-wide sidewalk on the northbound side and 4-foot-wide sidewalk on the southbound side. The purpose of the project is to replace the Main Street bridge with a new structure with a life span of 75 years while reducing long-term bridge maintenance costs, preserving historical elements of the swing span, and providing safe facilities for pedestrians during construction. The existing bridge is in poor condition and does not meet current design standards due to inadequate deck geometry and superstructure condition. Substandard items including safety features that do not meet current NJDOT standards, absence of shoulders and substandard sidewalk width.

The Project

The proposed project will replace the existing structure with a single-span, 81.75-foot long, 34.33 - foot wide bridge with metalized steel girders, galvanized steel diaphragms, precast concrete deck panel superstructure, concrete abutments with spread footings and steel 3-bar railings. The proposed roadway improvements include: new bridge roadway cross section with a 12-foot lane and 1-foot shoulder in each direction of Main Street, 5-foot sidewalk on the east side, , retaining the existing roadway alignment and revising the vertical profile to place the structure at a high point to allow drainage toward ends of bridge. Construction will be accomplished in one stage with a full roadway closure and vehicle detour. The Queens Bridge over Raritan River (north of bridge) will be closed to vehicular traffic but open to pedestrians. Additionally, pedestrian traffic will be maintained during construction with the existing pedestrian bridge west of the existing vehicular bridge. The work zone will not obstruct traffic along Canal Road and Main Street adjacent to the construction site.

Estimated Schedule

- Current – Preliminary Engineering
- January 2025 – Preliminary Engineering Complete
- January 2027 – Final Design Complete
- May 2027 – Start Construction
- July 2028 – Construction Complete

For further information, please contact:

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