

Bergen County / Essex County
Kingsland Avenue (Avondale and De Jesse Memorial) Bridge over the Passaic River
Township of Lyndhurst and Township of Nutley, New Jersey

Preliminary Preferred Alternative (PPA) - *Conceptual Alternative 3C*

Concept 3C, PPA - Existing Alignment, Fixed Bridge with 12 feet Vertical Clearance over MHW, 5-Lane Bridge Section (Additional Westbound Lane), Park Ave Eastbound Left Turn Lane and 2 Westbound Lanes at River Road

The Preliminary Preferred Alternative (PPA, Conceptual Alternative 3) includes a complete replacement of the bridge on the existing alignment with a fixed bridge with 12 feet vertical clearance over MHW (mean high water), 5-lane bridge roadway section (additional westbound lane), Park Avenue eastbound left turn and 2 westbound lanes at River Road, as depicted on the plan sheet entitled, "Bergen County/Essex County Kingsland Avenue (De Jesse Memorial) Bridge over Passaic River Local Concept Development Study, Concept 3C – Preliminary Preferred Alternative Fixed Bridge on Existing Alignment, October 2019", as prepared by Hardesty & Hanover, LLC.

The PPA replaces the bridge with a fixed bridge structure to address structural, geometric and operational deficiencies of the bridge, by replacing the existing bridge structure with a wider, fixed bridge which can accommodate 5 lanes of traffic on the same alignment with a width of approximately 78 feet, that will carry three westbound lanes of travel which include two 11 foot wide lanes and one 15 foot wide outside lane and two eastbound lanes of travel which include one 11 foot wide and one 15 foot wide outside lane, such that the outside lanes are designed to accommodate shared use by motor vehicles and bicyclists, in addition to a 6-foot wide sidewalk on both sides of the bridge.

The PPA, at the westerly approach of the bridge, Park Avenue would become 5-lane roadway section under the Route 21 Bridge. A second eastbound thru lane will be introduced at the Route 21 ramps intersection with Park Avenue. The existing eastbound dedicated left-turn lane will still be maintained. The westbound lane configuration at the River Road intersection will be a shared thru/ left turn lane and a shared thru/right turn lane. The eastbound lane configuration at the River Road intersection will still maintain two thru lanes but introduce a dedicated left turn lane. The lane configurations for all other approaches at the Park Avenue and River Road intersection will remain unchanged.