

THE RECONSTRUCTION OF MONMOUTH COUNTY BRIDGE HL-18

*2022 Grand Honor Award Winner
Small Project*

BEFORE



AFTER



KS Engineers, P.C. (KSE) provided preliminary and final design services for the replacement of the structurally deficient Monmouth County Bridge HL-18 carrying Kent Road over the North Branch of the Metedeconk River. KSE developed design alternatives, and then submitted plans for the County-approved preferred alternative, a jointless, 44', single-span, prestressed concrete box beam superstructure on semi-integral abutments. Key issues included environmental permitting, maintaining pedestrian access over the bridge during construction, and adding a sidewalk to provide long-term safety for pedestrians between the schools on each side of the bridge. The bridge was opened to traffic on schedule in August 2021.



Project:

**The Reconstruction of
Monmouth County Bridge HL-18**
Howell and Lakewood Townships, NJ

Client/Owner:



Freehold, NJ

Entrant:

KSE
KS Engineers, P.C.
Newark, NJ

ACEC New Jersey
AMERICAN COUNCIL OF ENGINEERING COMPANIES

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