

THE EMERGENCY REPLACEMENT OF NEW YORK AVENUE BRIDGE

BEFORE



AFTER



KS Engineers, P.C. (KSE) was retained to provide engineering services to design, permit, and prepare construction plans and bid documents for the replacement of Atlantic County Bridge HML-66, carrying New York Avenue over Gravelly Run. The existing structure, rated "structurally deficient", was 19-foot-span, rolled steel multi-beam bridge constructed in 1949. Since the bridge was replaced under an emergency environmental permit, it was necessary for all final plans, specifications, and other bid documents to be prepared on an accelerated basis. Impressively, this project was designed in a mere three months and constructed in the following short three months, demonstrating the process known as Accelerated Bridge Construction (ABC). A precast concrete arch bridge was selected for the replacement structure.



Project:
**The Emergency Replacement
of New York Avenue Bridge**
Township of Hamilton, NJ

Client/Owner:

Northfield, NJ

Entrant:
KSE
KS Engineers, P.C.
Newark, NJ

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