

**INDIAN RIVER COUNTY, FLORIDA
MEMORANDUM**

TO: Board of County Commissioners

THROUGH: John A. Titkanich, Jr., County Administrator
Nancy A. Bunt, Assistant County Administrator
Addie Javed, PhD, PE, CFM, Public Works Director

FROM: Erik Ferguson, P.E., County Traffic Engineer

SUBJECT: Agreements for Traffic Signal Synchronization and Cohabitation with the Florida East Coast Railway L.L.C. and Brightline Trains Florida LLC for the 41st Street, 45th Street, and 49th Street Railroad / Highway Grade Crossings

DATE: November 25, 2024

DESCRIPTION AND CONDITIONS

The settlement agreement between Brightline Trains Florida LLC (Brightline) and Indian River County (the County) includes the construction of traffic signals at the intersections of Old Dixie Highway with 41st Street, 45th Street, and 49th Street. Construction of these signals is currently underway and is expected to be completed by January or February 2025.

To ensure safety and comply with Federal and State requirements, the railroad crossing devices at each location must be synchronized with the new traffic signals. This synchronization is essential to prevent vehicles from being trapped on the railroad crossing when trains approach and to improve the traffic signals' operational efficiency during train passages.

Additionally, the traffic signal at Old Dixie Highway and 45th Street will include signal heads for eastbound traffic mounted on the railroad truss.

The attached agreements between Brightline, Florida East Coast Railway L.L.C. (FEC), and the County outline the responsibilities of each party regarding the construction, installation, operation, and maintenance of the synchronization system and the shared use of railroad trusses for traffic signal heads.

FUNDING

Brightline will be responsible for the construction costs.

RECOMMENDATION

Staff recommends the Indian River County Board of County Commissioners approve the attached agreements between the County, Brightline, and FEC for synchronization and cohabitation, and authorize the Chairman to sign, after review and approval by the County Attorney as to form and legal sufficiency.

ATTACHMENTS

- Agreement for Synchronization Grade Crossing and Traffic Control Devices – 41st Steet Crossing
- Agreement For Signal Cohabitation and Synchronization of Grade Crossing and Traffic Control Devices – 45th Street Crossing
- Agreement for Synchronization Grade Crossing and Traffic Control Devices – 49th Steet Crossing

APPROVED AGENDA ITEM FOR December 17, 2024