

NICOLLS ROAD BUS RAPID TRANSIT



GPI

2019

WHAT IS BUS RAPID TRANSIT (BRT)?

BRT is an innovative public transportation solution that provides fast, reliable, comfortable and convenient service. The benefits of BRT in Suffolk County:

- » Enhances our county's mobility & overall quality of life by easing road congestion
- » Improves north-south mobility
- » Increases transit access to and from major points of interest & transportation hubs
- » Promotes increased transit use and productivity
- » Supports transit-integrated development in the study area
- » Connects major assets to Long Island MacArthur Airport

BRT ELEMENTS PROPOSED FOR NICOLLS

FASTER SERVICE

DEDICATED LANES



STATE-OF-THE-ART FARE COLLECTION METHODS



TRAFFIC SIGNAL PRIORITY & QUEUE JUMPS



MORE FREQUENT SERVICE WITH FEWER STOPS



USER-FRIENDLY

ENHANCED VEHICLES



MODERN STATIONS



UNIQUELY BRANDED BUSES



REAL-TIME INFORMATION



OPTIONS FOR ENHANCED BUS INTERIORS FOR CUSTOMER COMFORT AND CONVENIENCE



NICOLLS BY THE NUMBERS

53%

INCREASED WEEKDAY TRANSIT RIDERSHIP ANTICIPATED BY 2040

16

STATIONS PROPOSED TO SERVE EXISTING AND FUTURE POINTS OF INTEREST

17

MILES OF PLANNED BRT/ HOV LANES

7.8

MILES OF OFF-ROAD HIKING AND BIKING TRAIL PROPOSED

3

TRAIN LINES CONNECTED BY BRT

3

UNIVERSITIES & COLLEGES CONNECTED BY BRT

2

PROPOSED ROUTES:

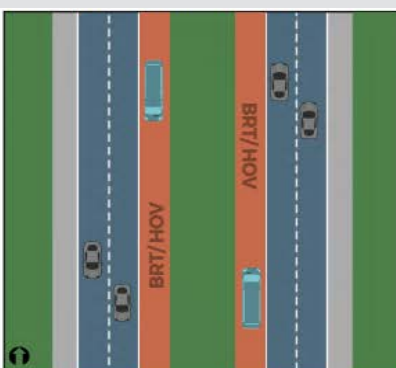
- 1) PATCHOGUE - RONKONKOMA - STONY BROOK
- 2) PATCHOGUE - STONY BROOK

LANE ALIGNMENTS

Existing Conditions



New BRT/HOV Dedicated Lane



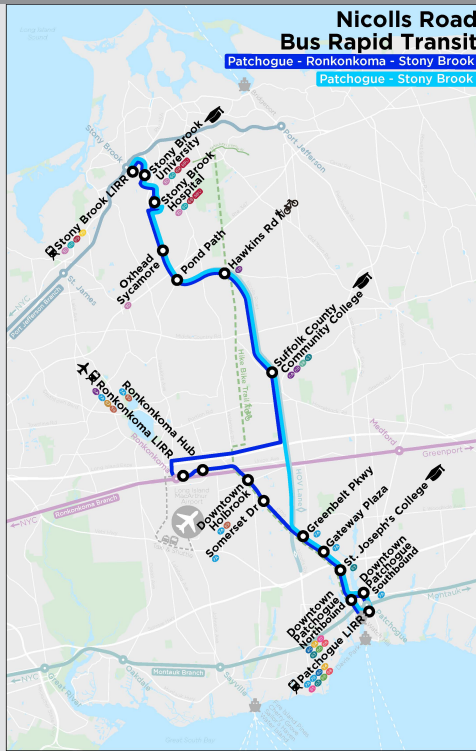
PROPOSED BETWEEN CR-19 AND MARK TREE RD

Converted BRT Shoulder Running

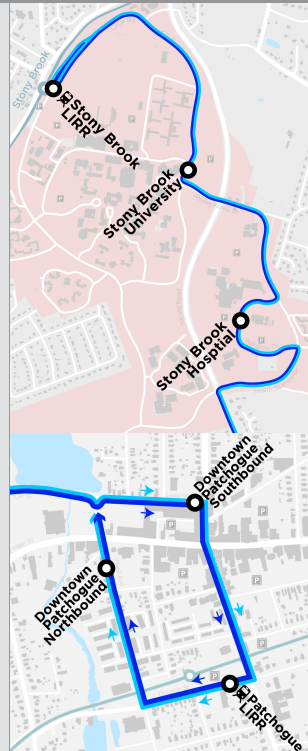


PROPOSED BETWEEN RT. 347 AND STONY BROOK HOSPITAL

MAP OF RECOMMEND DBRT SYSTEM

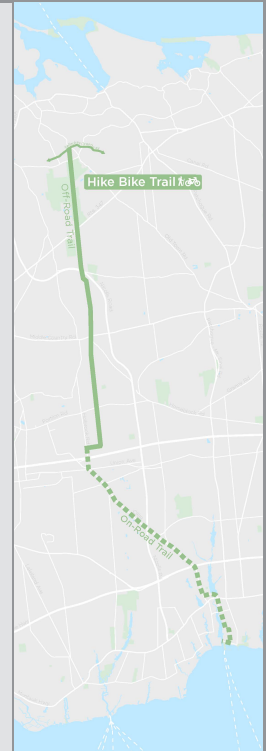


STONY BROOK



PATCHOGUE

HIKE BIKE TRAIL



PROPOSED BRT OPERATIONS

SERVICE FREQUENCY ON EACH ROUTE

Weekday Peak	Every 10 minutes
Weekday Off-Peak	Every 15 minutes
Weekends	Every 20 minutes



A multimodal Nicolls Road Corridor will provide connectivity between points of interest in the Innovation Zone, alleviate traffic congestion, and offer healthy travel alternatives to automobile usage.



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For more information visit ConnectLI.org

**NICOLLS ROAD
BUS RAPID TRANSIT**