

Appendix C—Alternatives Development and Screening Report

Part 3

Appendix C—Representative Alternatives (RA1-RA9) and Recommended Preferred Alternative (Sheets 1-11)

continued

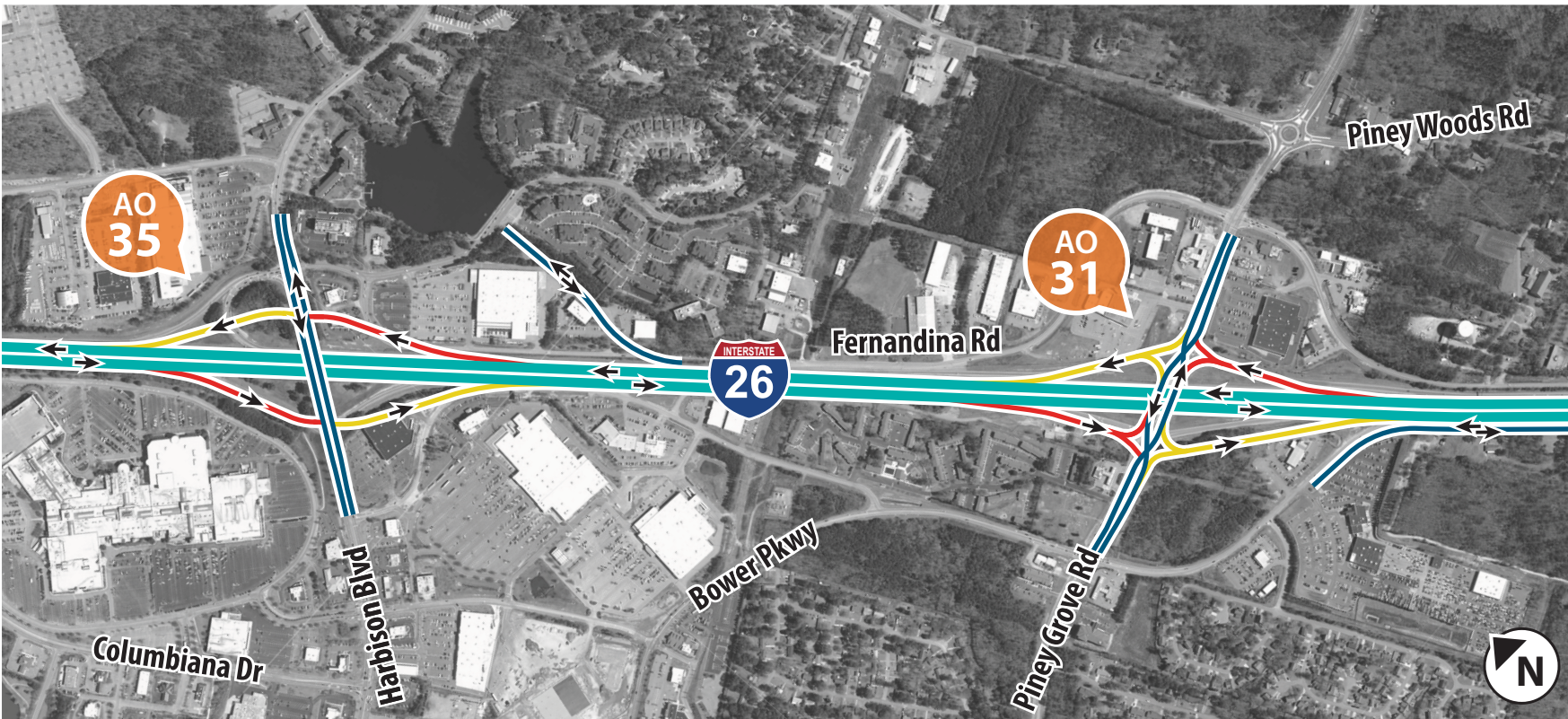
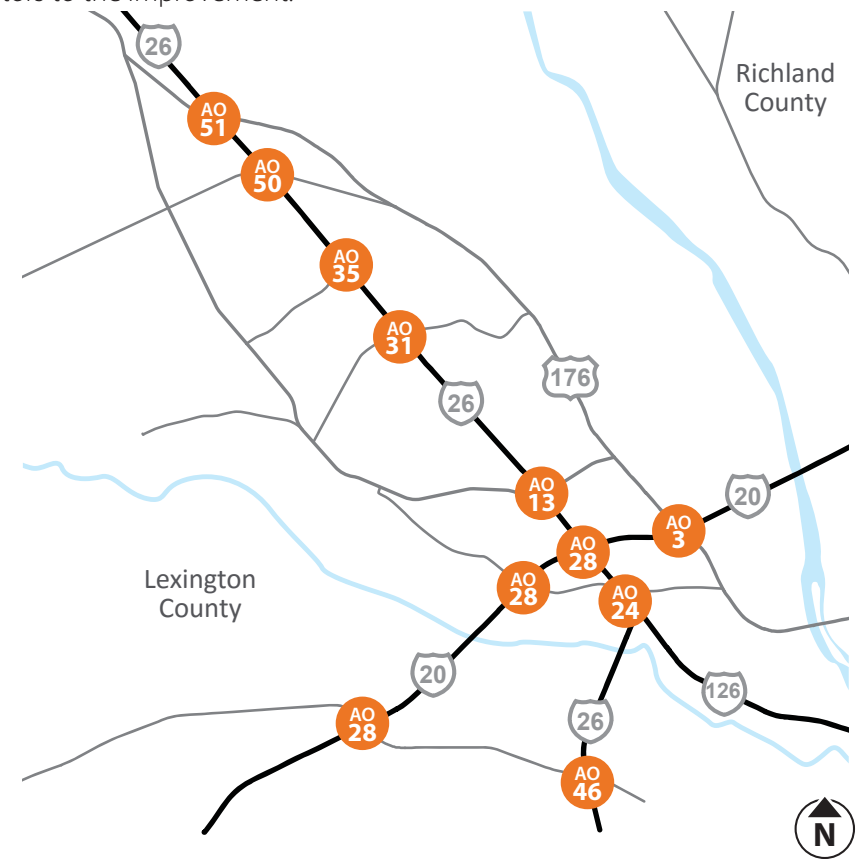
This page intentionally left blank.

REPRESENTATIVE ALTERNATIVE 8

Key Features Include:

- The widening of I-26 with one additional lane in each direction from US 176/Broad River Road to I-126, new collector-distributor lanes, and interchange improvements at each interchange from: Harbison Boulevard to US 378 on I-26; from Bush River Road to Broad River Road on I-20; and from I-26 to Colonial Life Boulevard on I-126.
- A proposed new interchange would be added at I-126 and Colonial Life Boulevard and a new offset interchange via ramp highway would be proposed paralleling the Saluda River.
- Includes a new location four-lane roadway (east-west) extending from I-20 west of Bush River Road to I-26 just south of the I-26/I-126 interchange with a new interchange at Bush River Road. The new location east-west roadway parallel to the Saluda River provides connections between I-20 and I-26 without having to travel through the proposed directional interchange at I-20 and I-26.
- The modification of the existing interchanges of Bush River Road at I-26 and I-20. The existing I-26 westbound to I-126 eastbound ramp would be relocated south of its current location. Access to I-126 from I-20 would be provided by the new location roadway interchange.

This alternative was retained for additional analysis because it provides a moderate improvement to operational performance, significant improvement to the overall travel through the corridor. The addition of a connection to Bush River Rd as a feature of the new alignment connecting I-126 and I-20, and removal of connections to the mainlines, are contributors to the improvement.



REPRESENTATIVE ALTERNATIVE 8

LEGEND

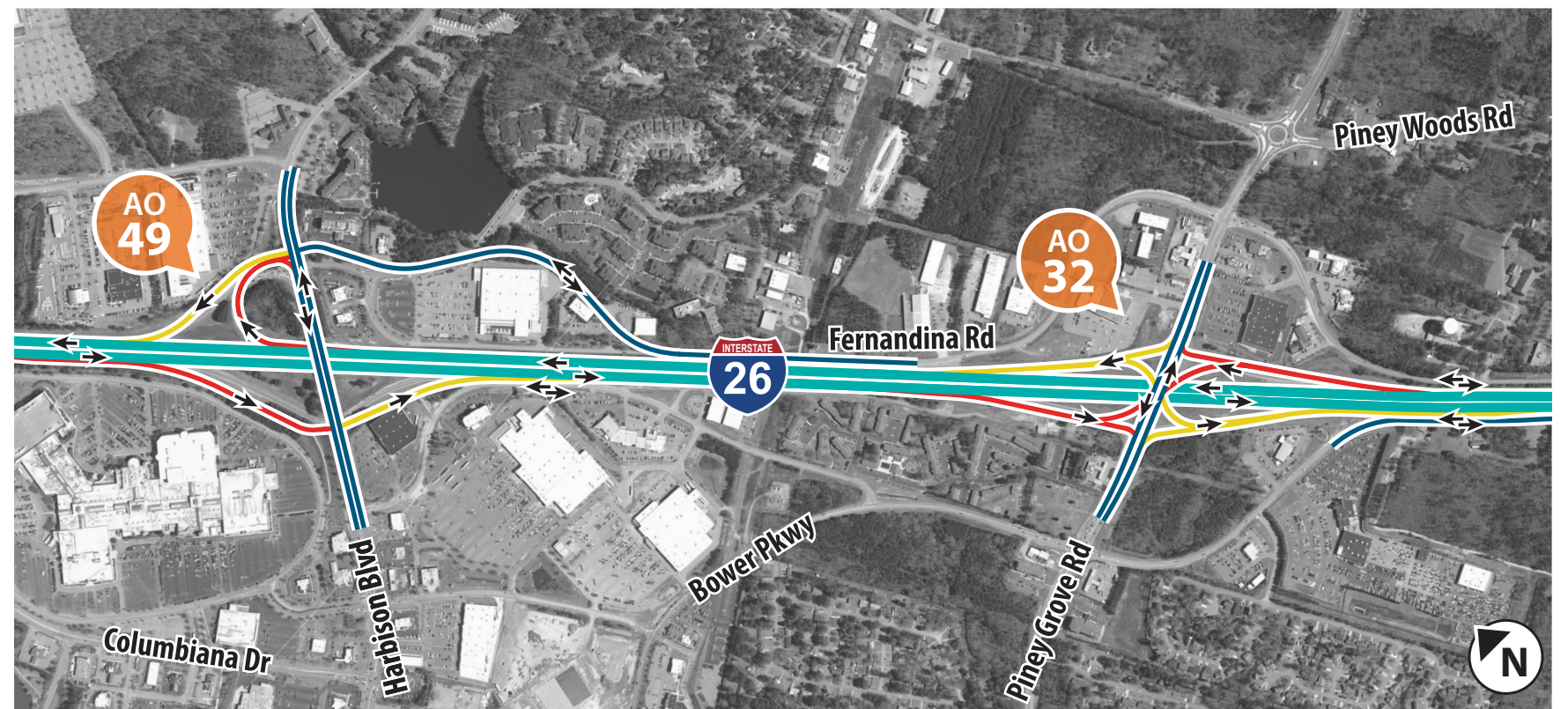
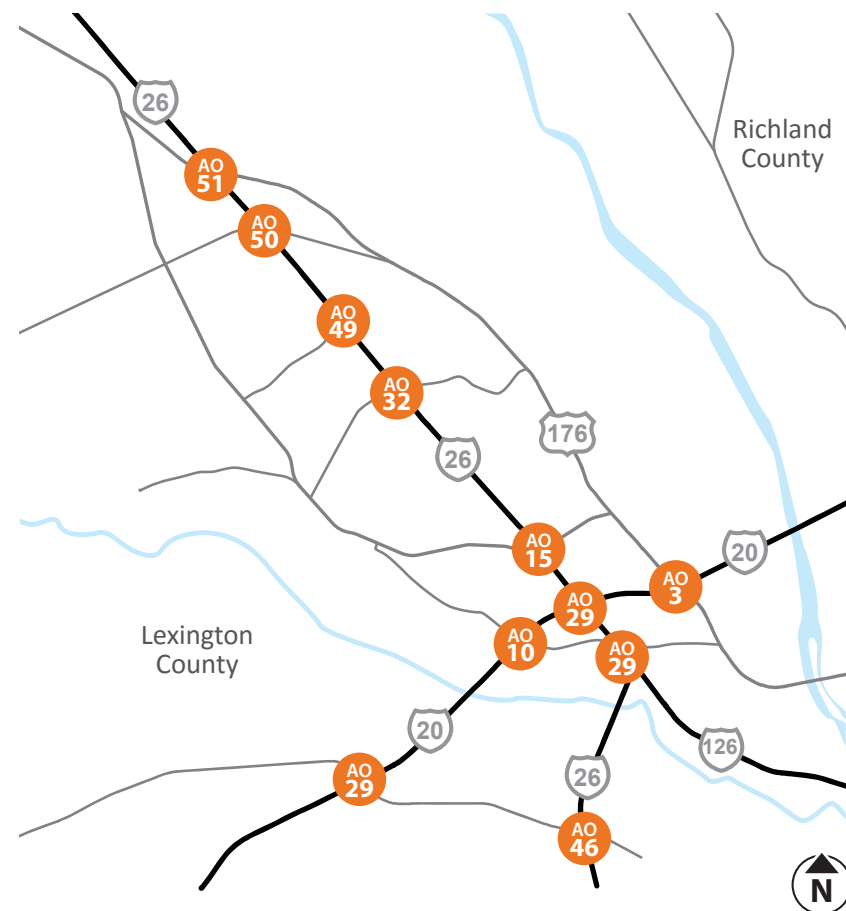
- Main Interstate
 - Connector
 - On-ramp
 - Off-ramp
 - New Roadway
- AO 1 Interchange Alternative
- ➔ Travel Direction



REPRESENTATIVE ALTERNATIVE 9

Key Features Include:

- The widening of I-26 with one additional lane in each direction from US 176/Broad River Road to I-126 and interchange improvements at each interchange from: Harbison Boulevard to US 378 on I-26; from US 378 to Broad River Road on I-20; and from I-26 to Colonial Life Boulevard on I-126.
- A proposed new interchange would be added at I-126 and I-26 and a new location I-126 would be proposed paralleling south of the Saluda River along with the elimination of the existing cloverleaf interchange at the I-20 and I-26 junction.
- The elimination of the existing cloverleaf interchange at the I-20 and I-26 junction and proposed new interchange at I-126 and I-26 along with a proposed new location four-lane freeway between I-20 and I-126.
- The modification of the existing interchange at I-26 and Bush River Road. Additionally, I-20 traffic can access I-126 via the new location east-west roadway.



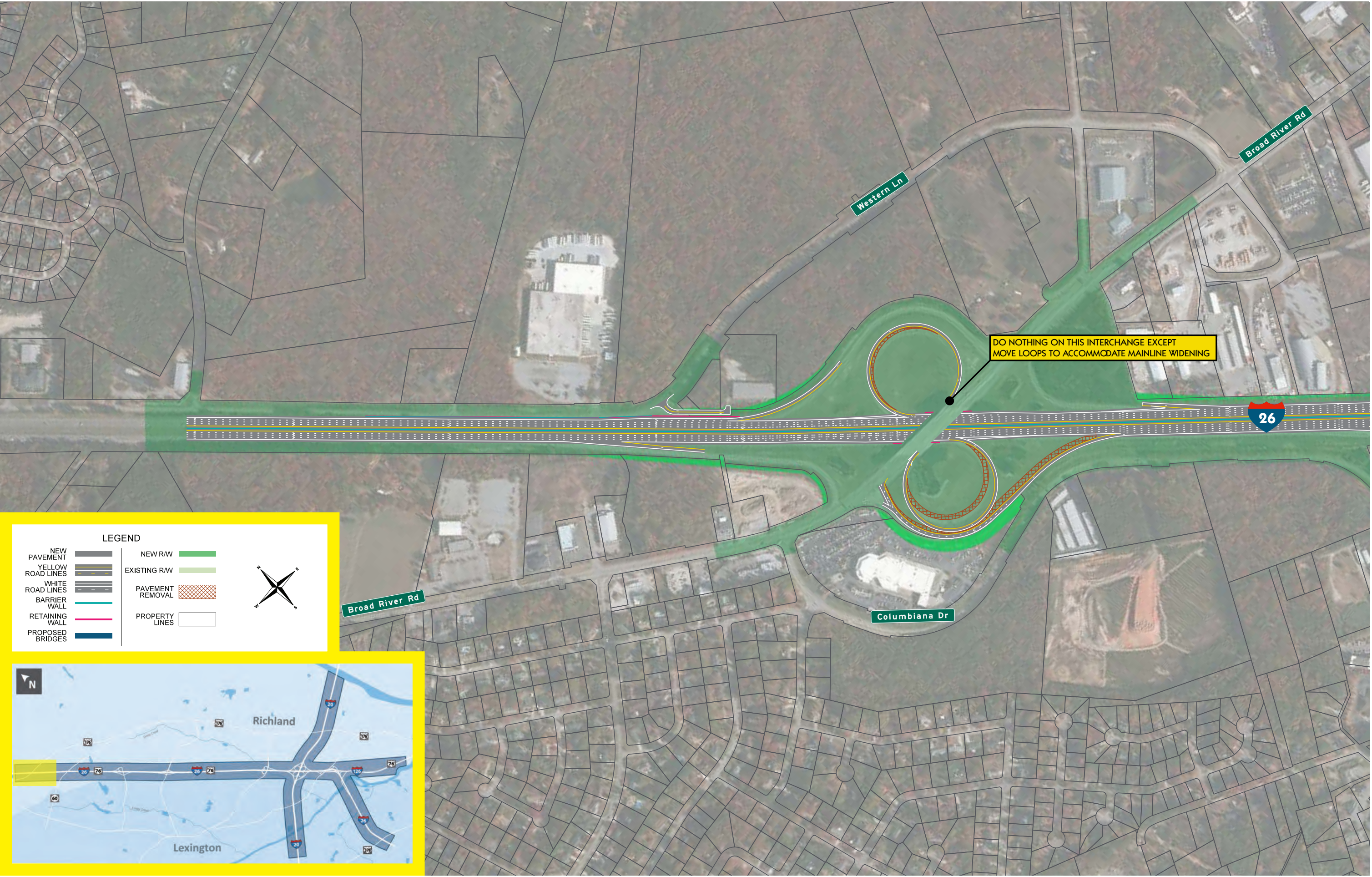
REPRESENTATIVE ALTERNATIVE 9

LEGEND

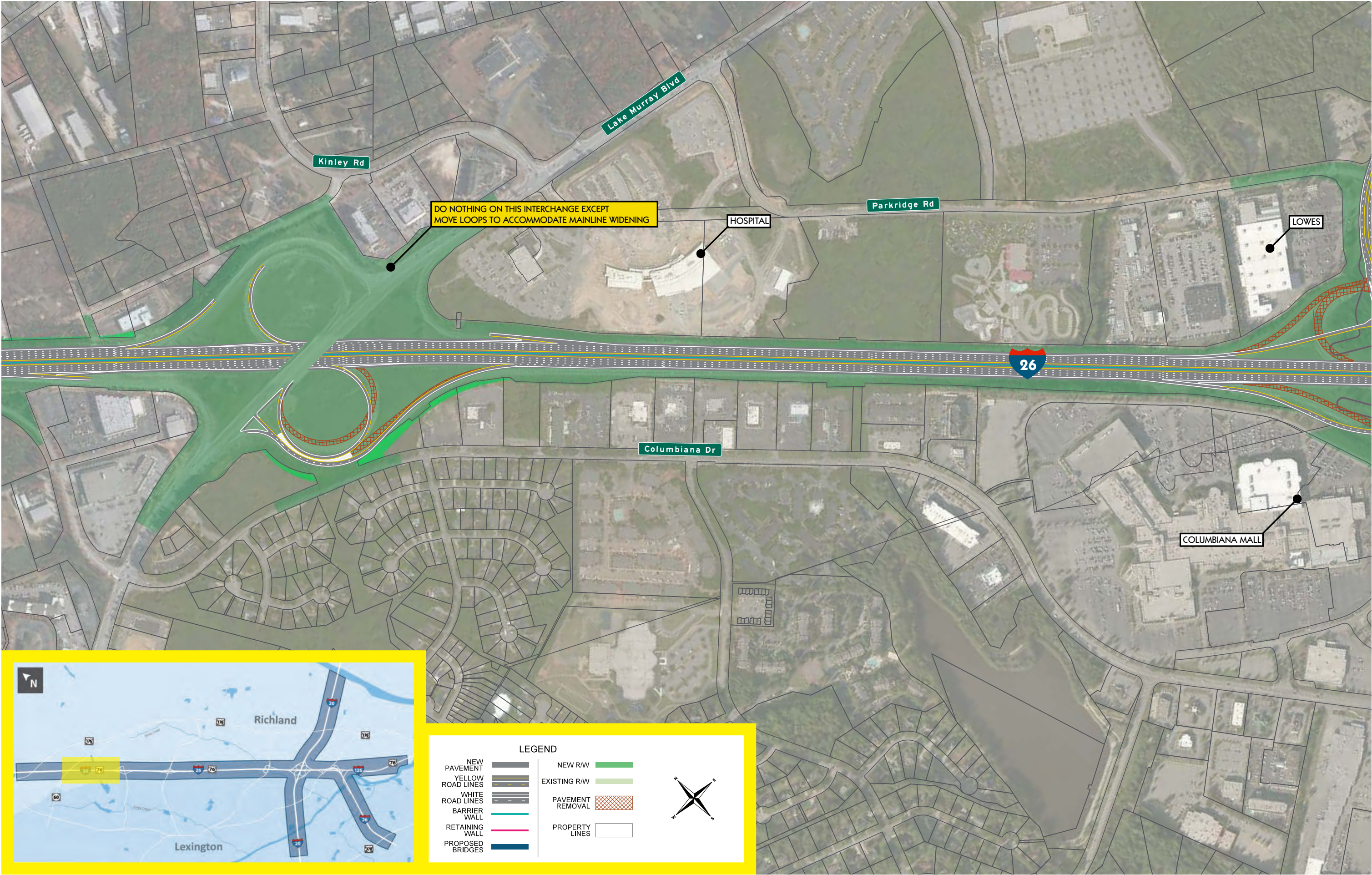
- Main Interstate
- Connector
- On-ramp
- Off-ramp
- New Roadway
- Interchange Alternative
- Travel Direction



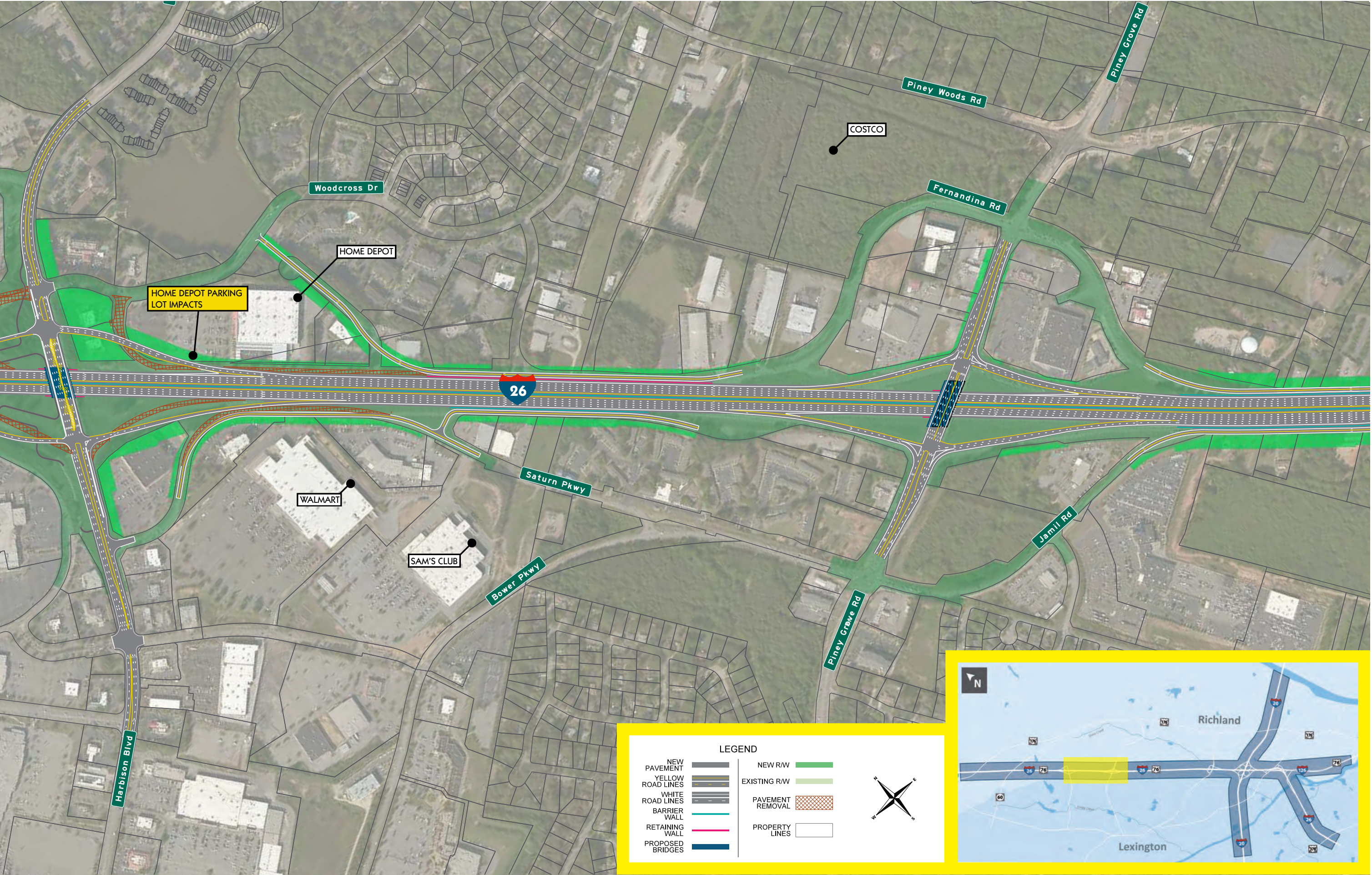
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



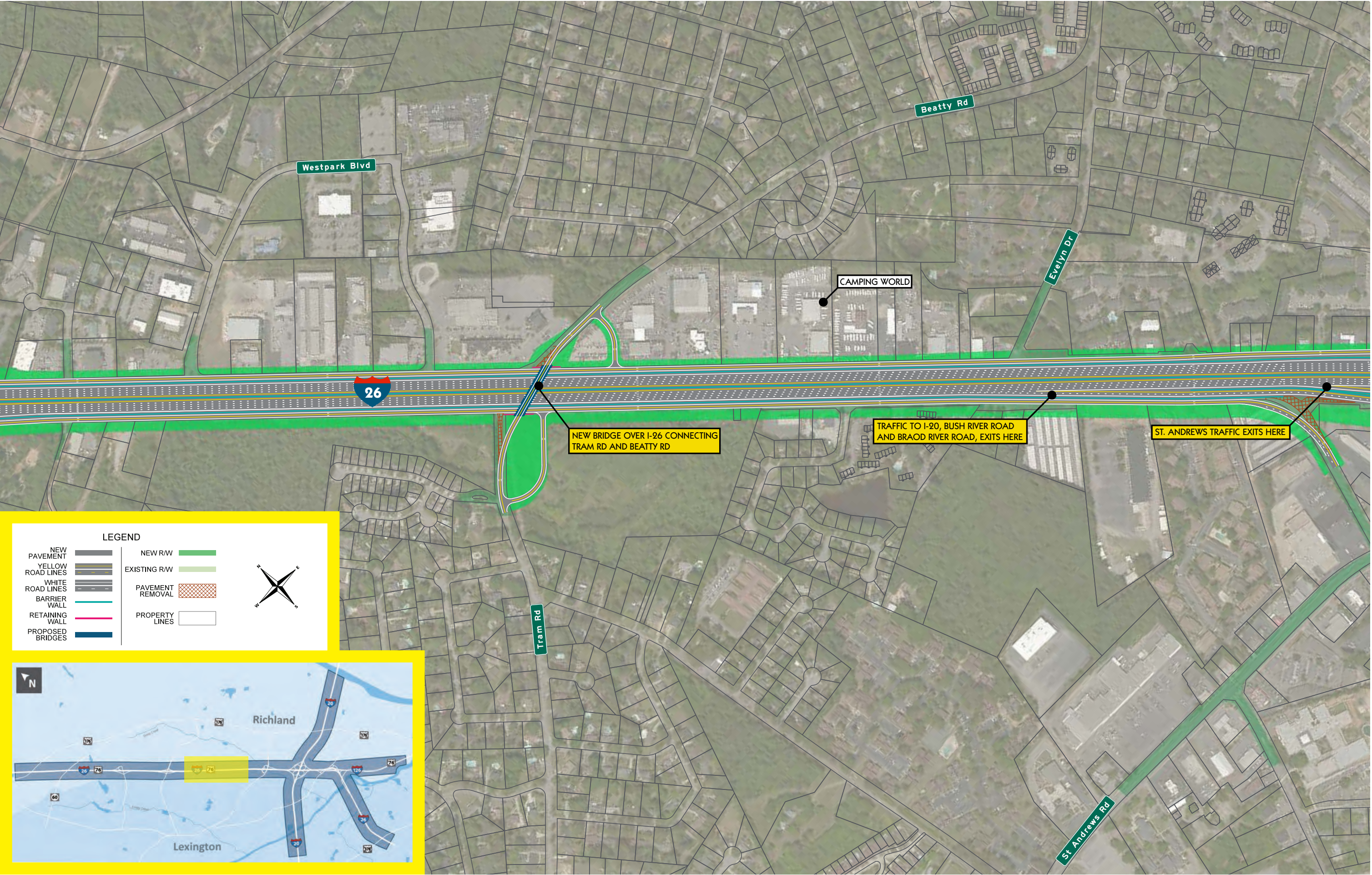
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



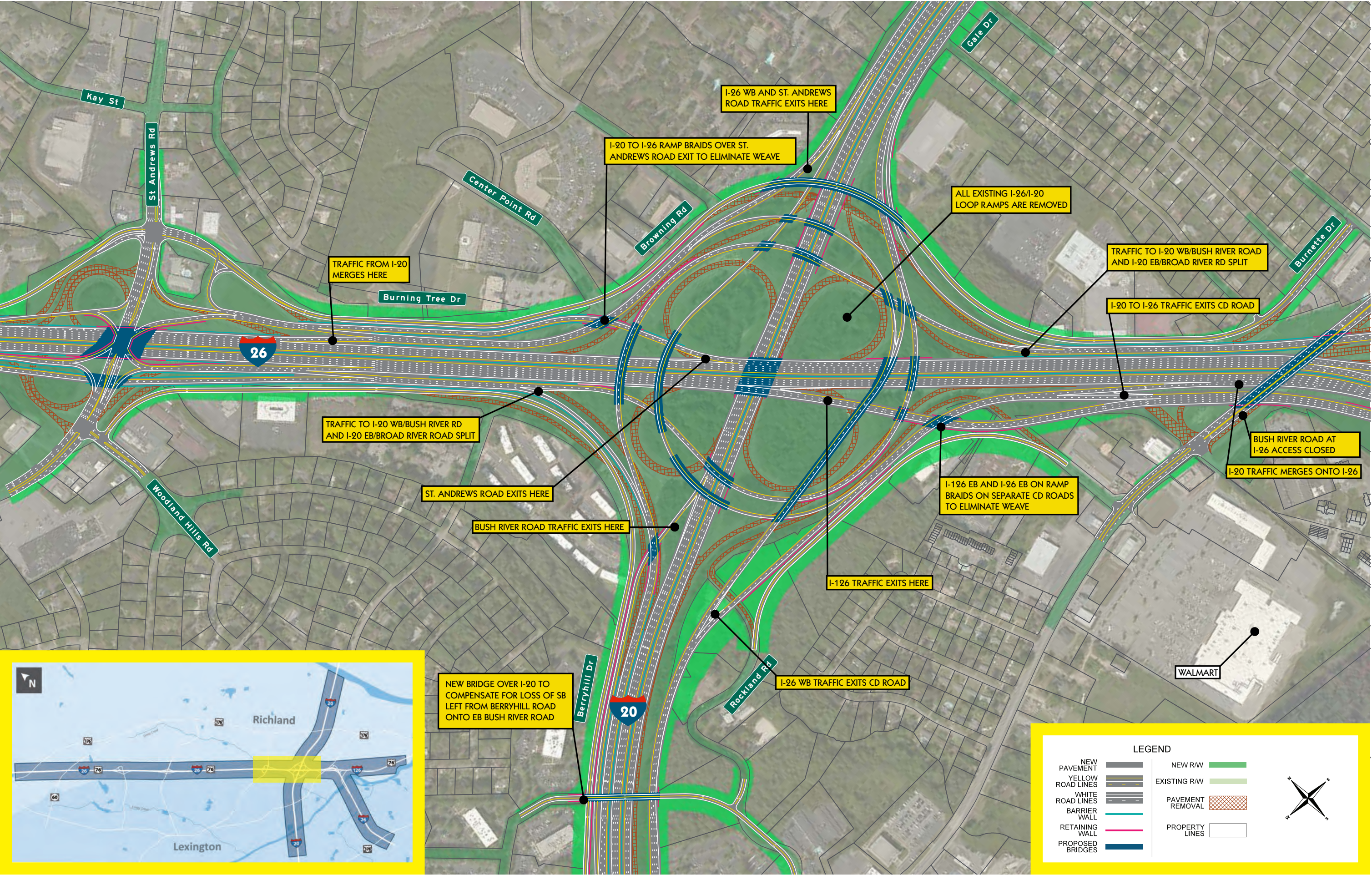
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



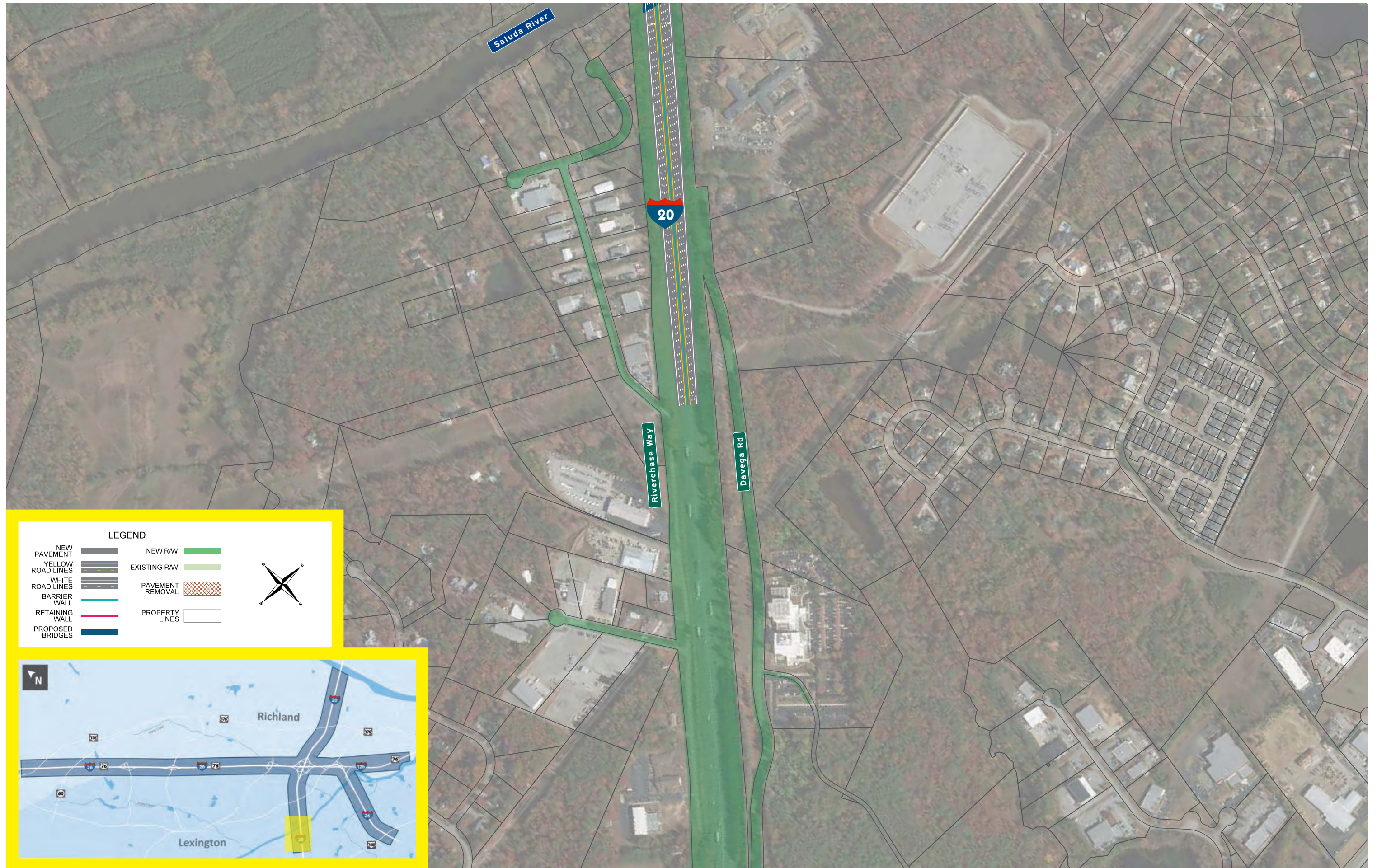
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



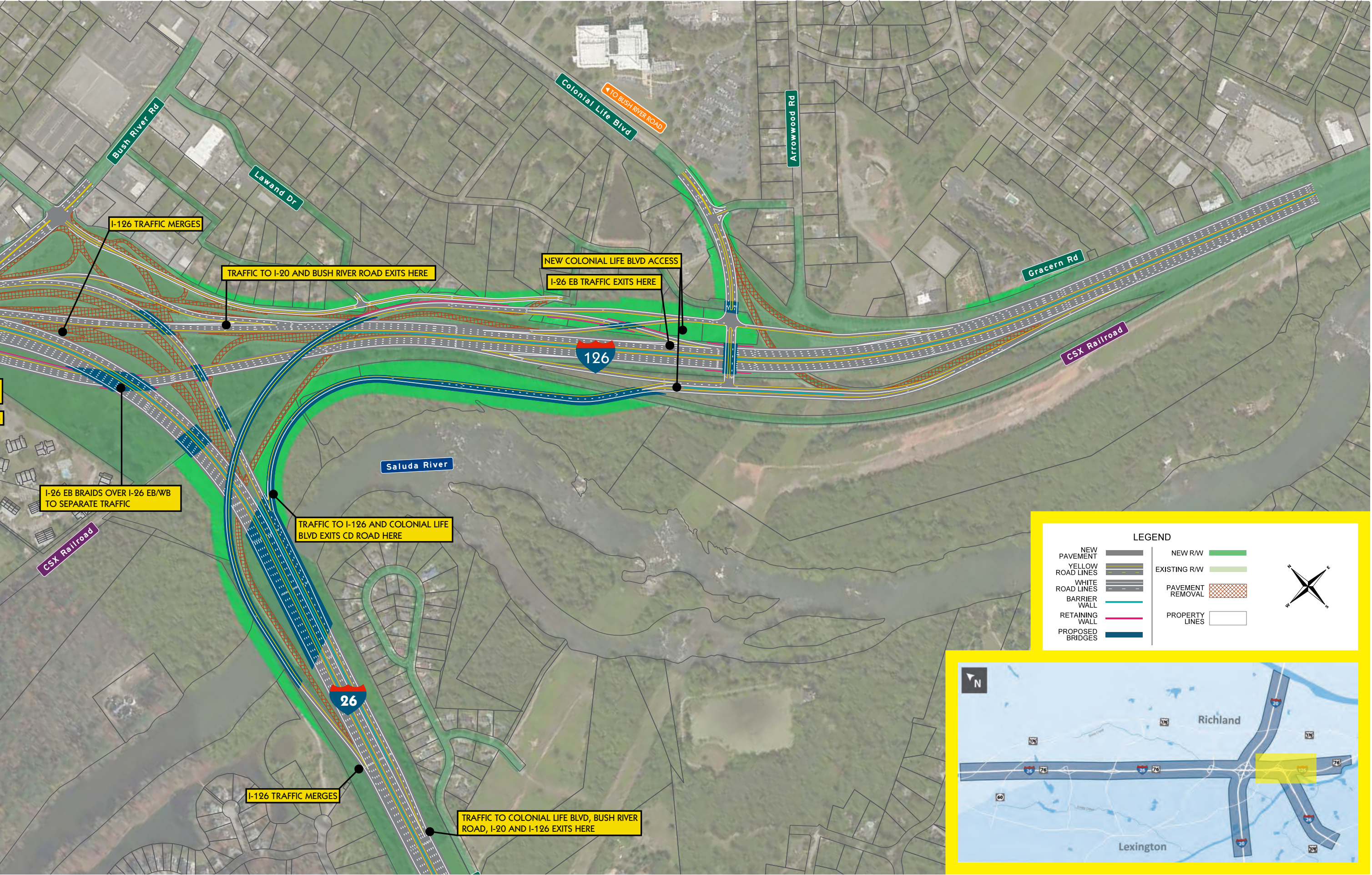
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



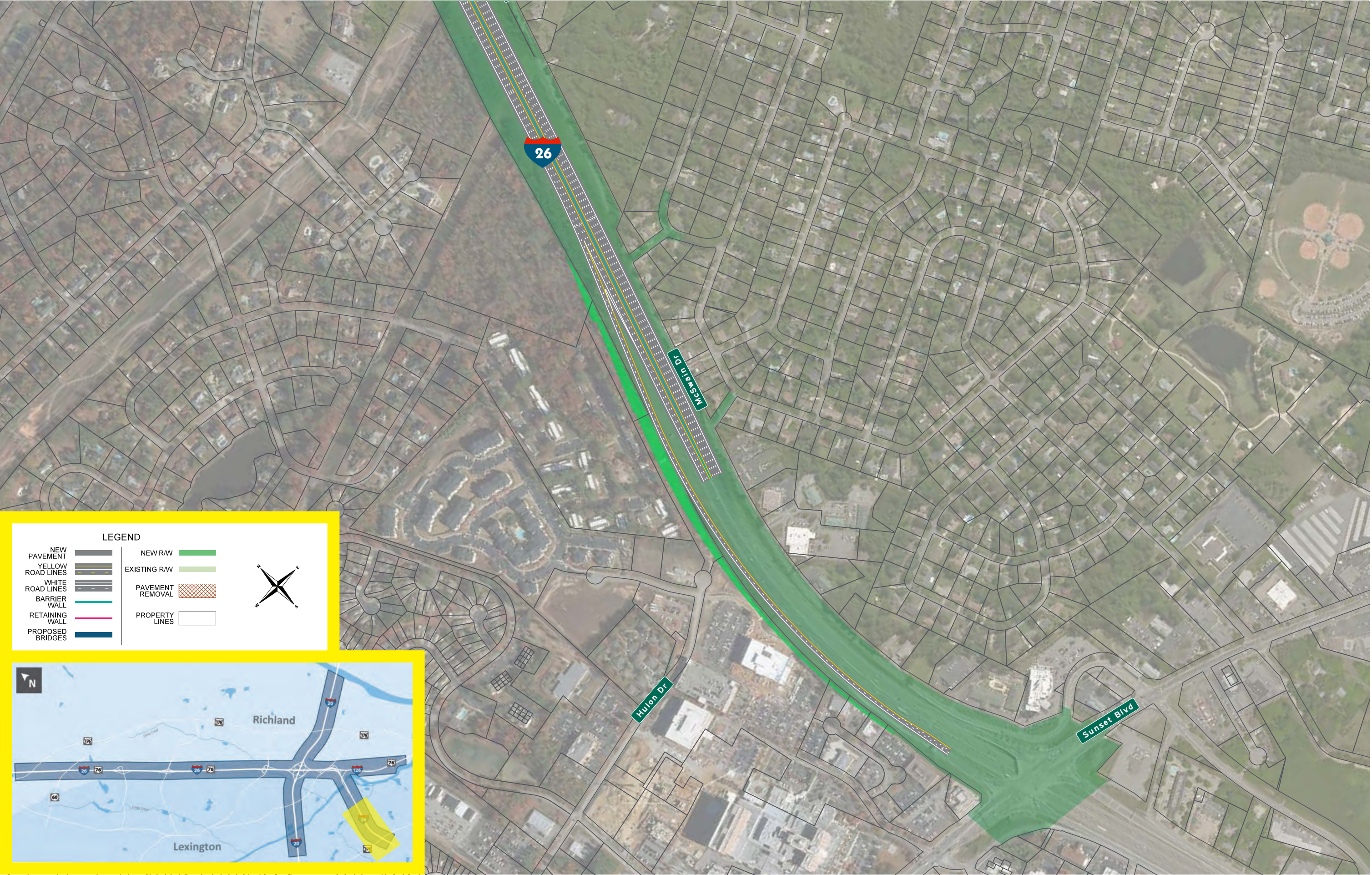
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



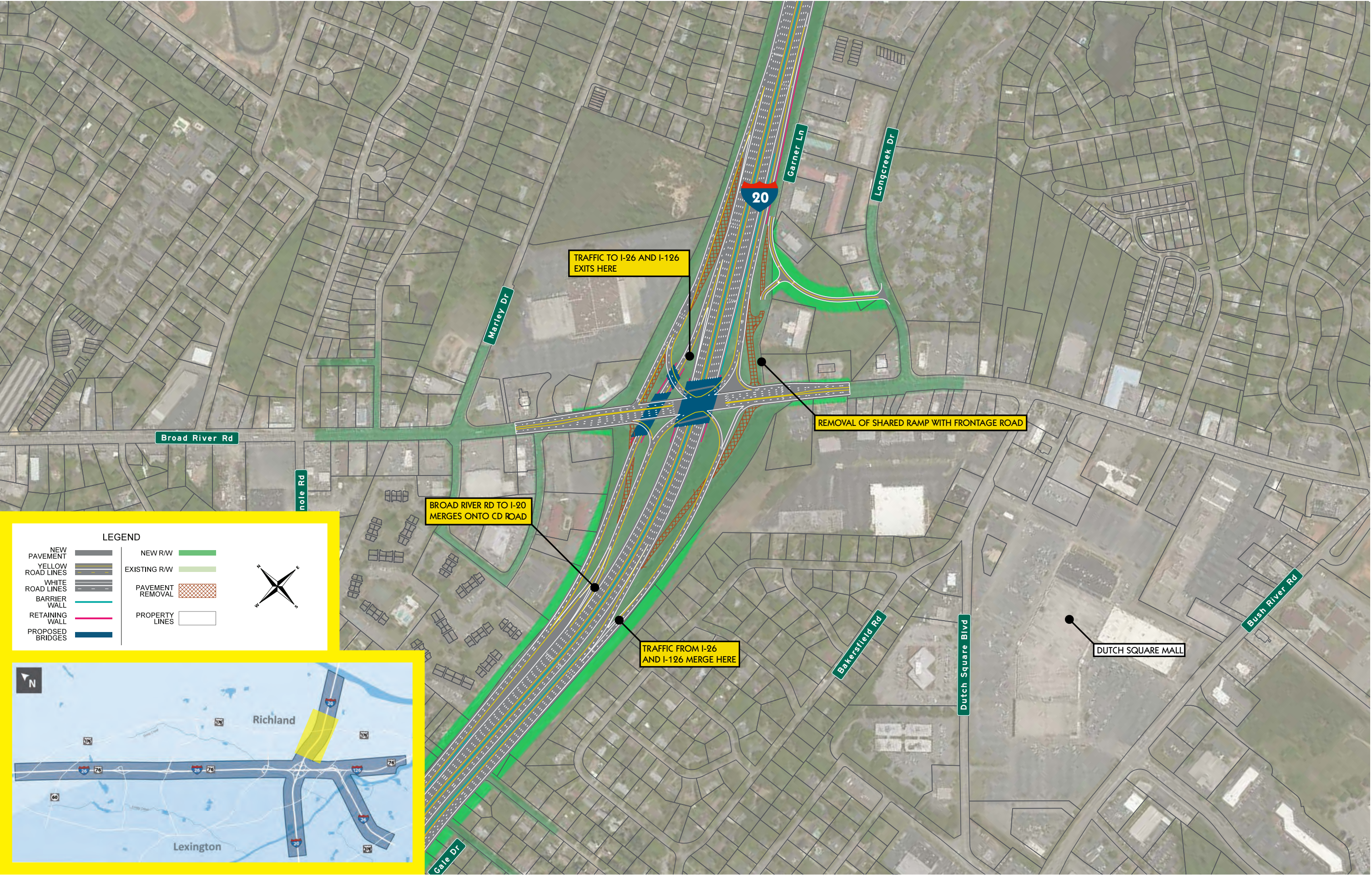
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



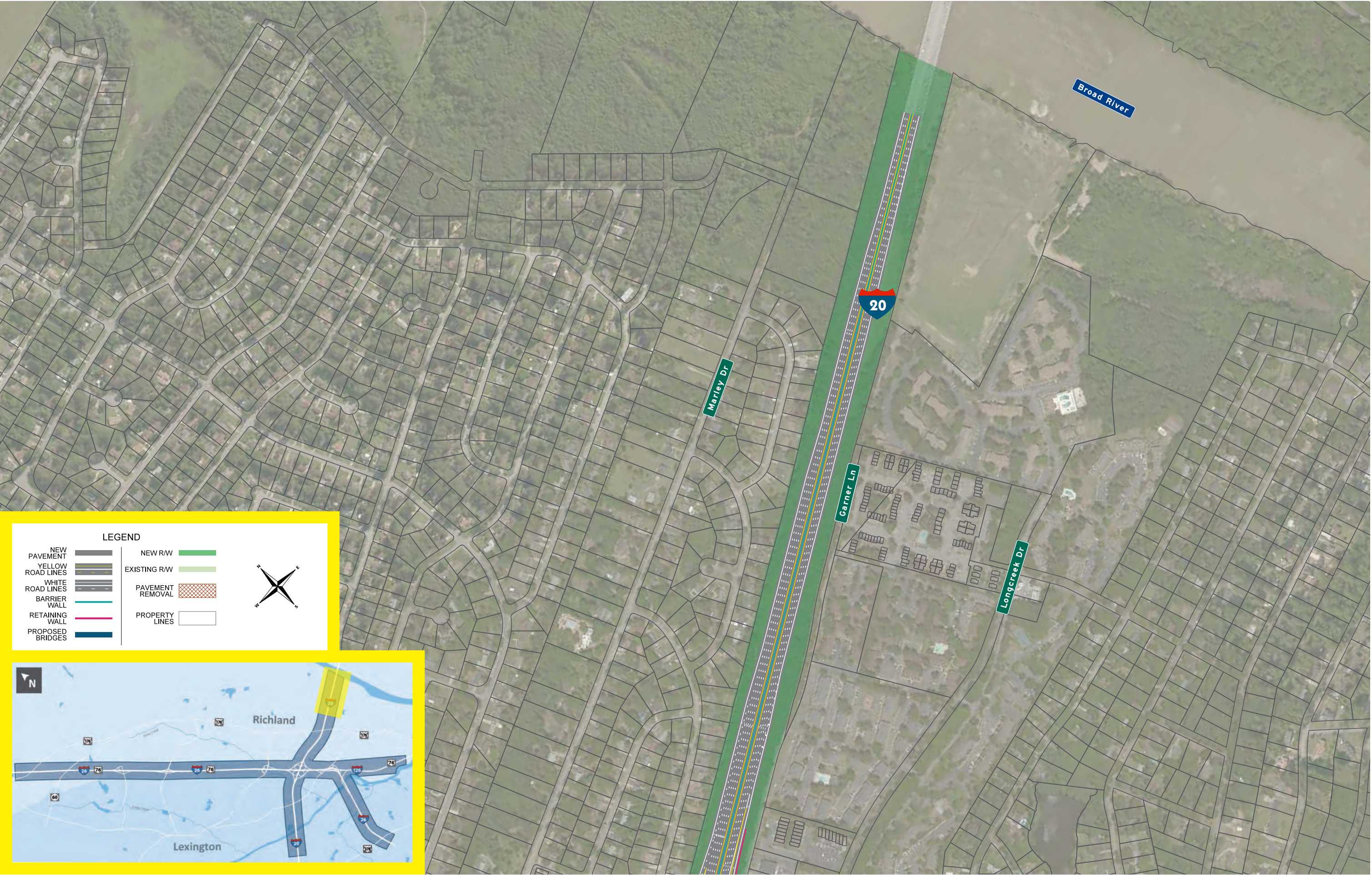
RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



RECOMMENDED PREFERRED ALTERNATIVE - SHEETS 1-11



This page intentionally left blank.