



Jefferson Park Road Roundabout Options Smart Scale Application 2020

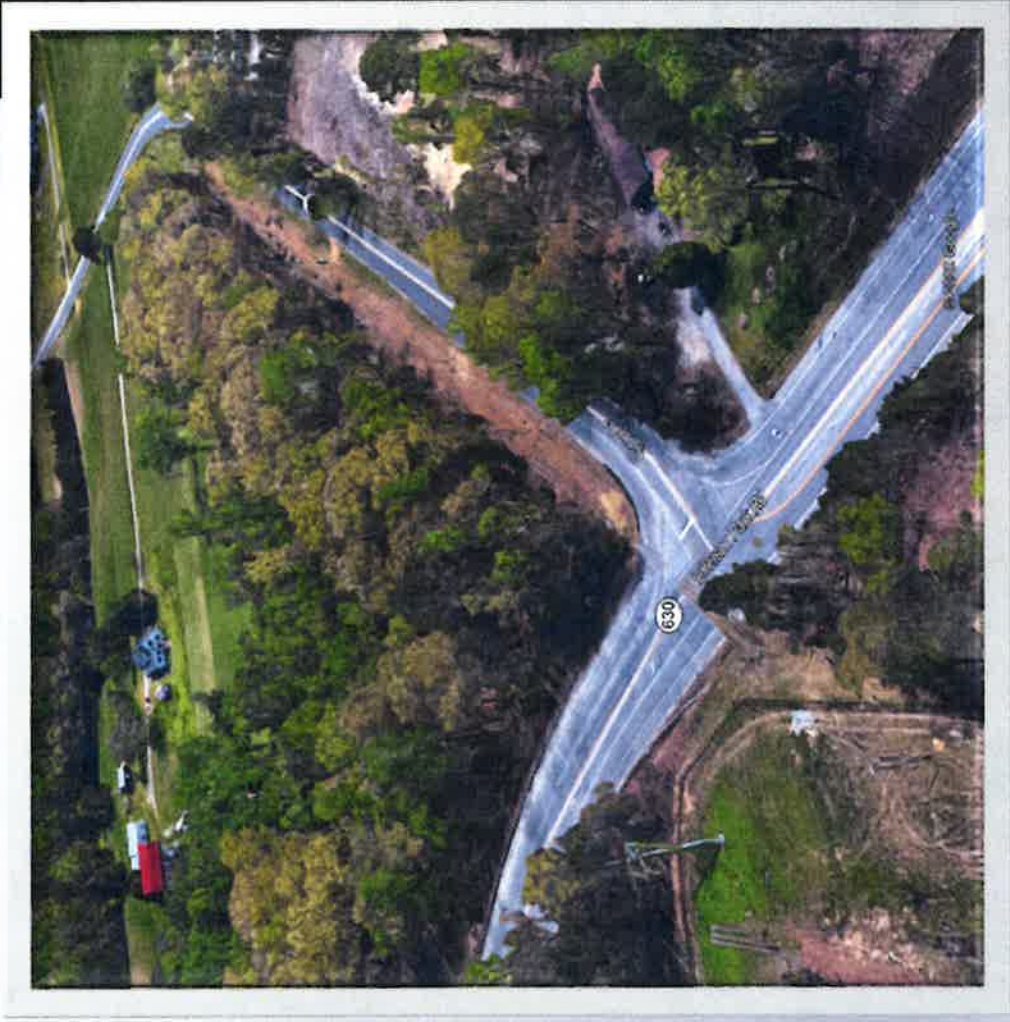
June 9, 2020

Prince George County Board of Supervisors

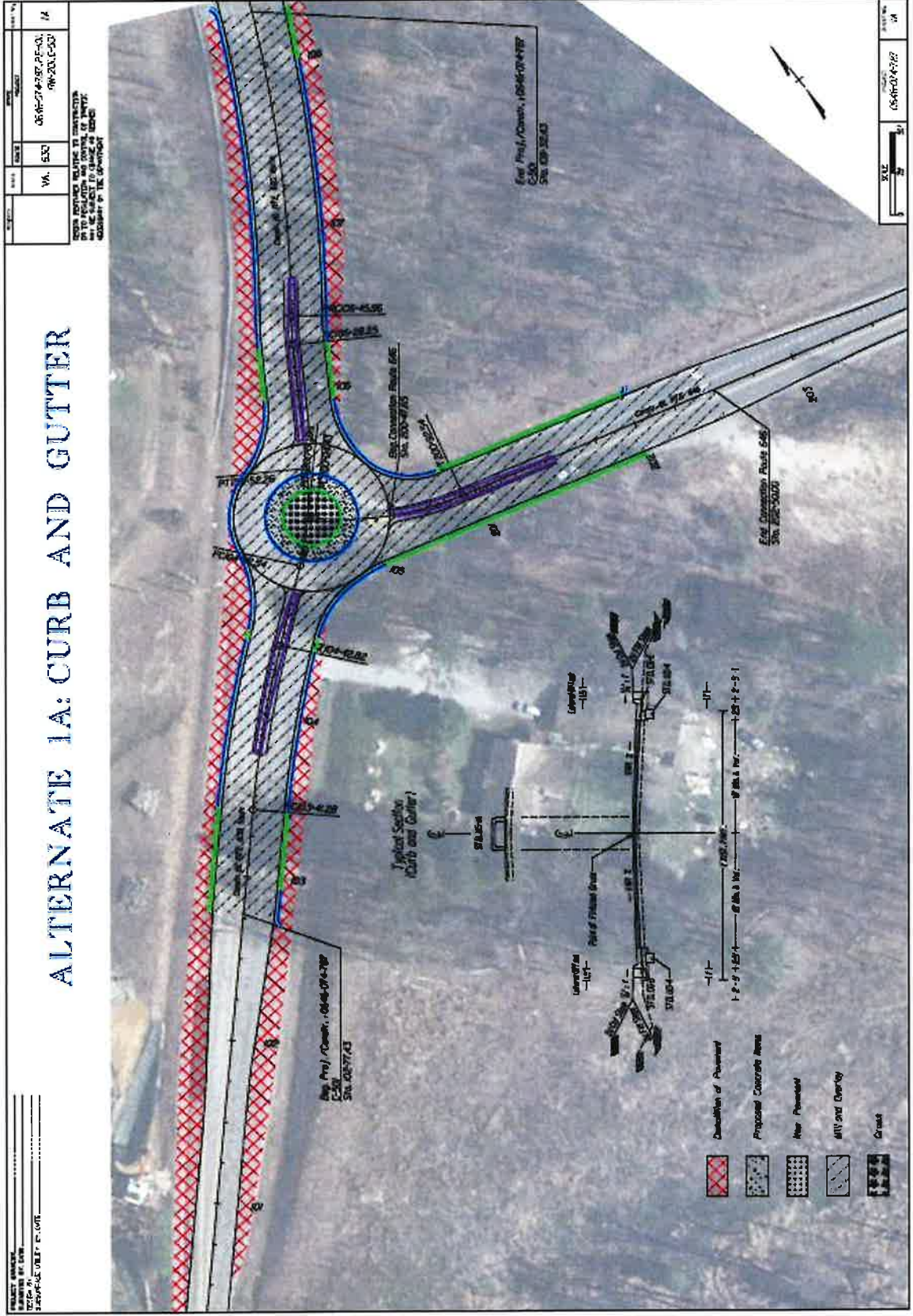
Jefferson Park Rd. and Middle Rd.

Three Options to consider for Roundabout:

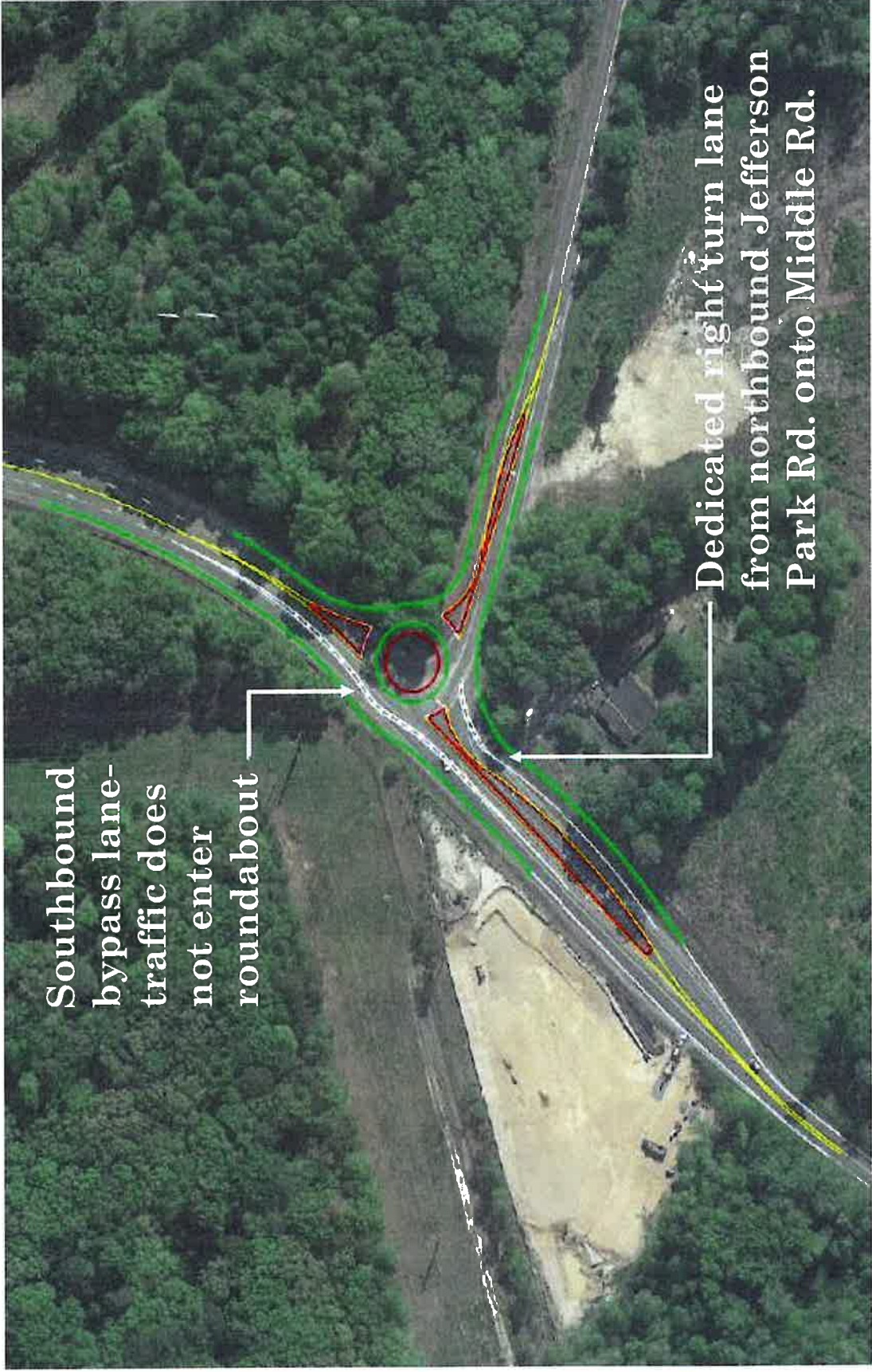
- Single lane (Previous Round 3 submission)
- Southbound bypass lane and northbound right turn lane
- Northbound right turn lane only



Option 1- Single Lane Roundabout



Option 2- Southbound Bypass & Northbound Right Turn Lane



Option 3- Northbound Right Turn Lane Only



Options for Consensus

- **Option 1**
 - Single lane roundabout
 - Most cost effective (cost benefit ratio)
- **Option 2**
 - Southbound Bypass Lane & Northbound Right Turn Only Lane
 - Preferred by staff
 - Least cost benefit ratio; could be considered most effective in traffic movement
- **Option 3**
 - Northbound Right Turn Only Lane
 - Preferred by VDOT based on cost benefit ratio
 - Similar to current traffic movement/pavement markings

Smart Scale Applications 2020

- Staff will continue to work with VDOT on refining applications and providing supporting documentation
- Consensus needed on preferred option for JPR/MR roundabout design (June 9th BOS meeting)
- Board resolutions of support (July)
- Final applications due August 3rd

Questions or Comments?

Thank you!