

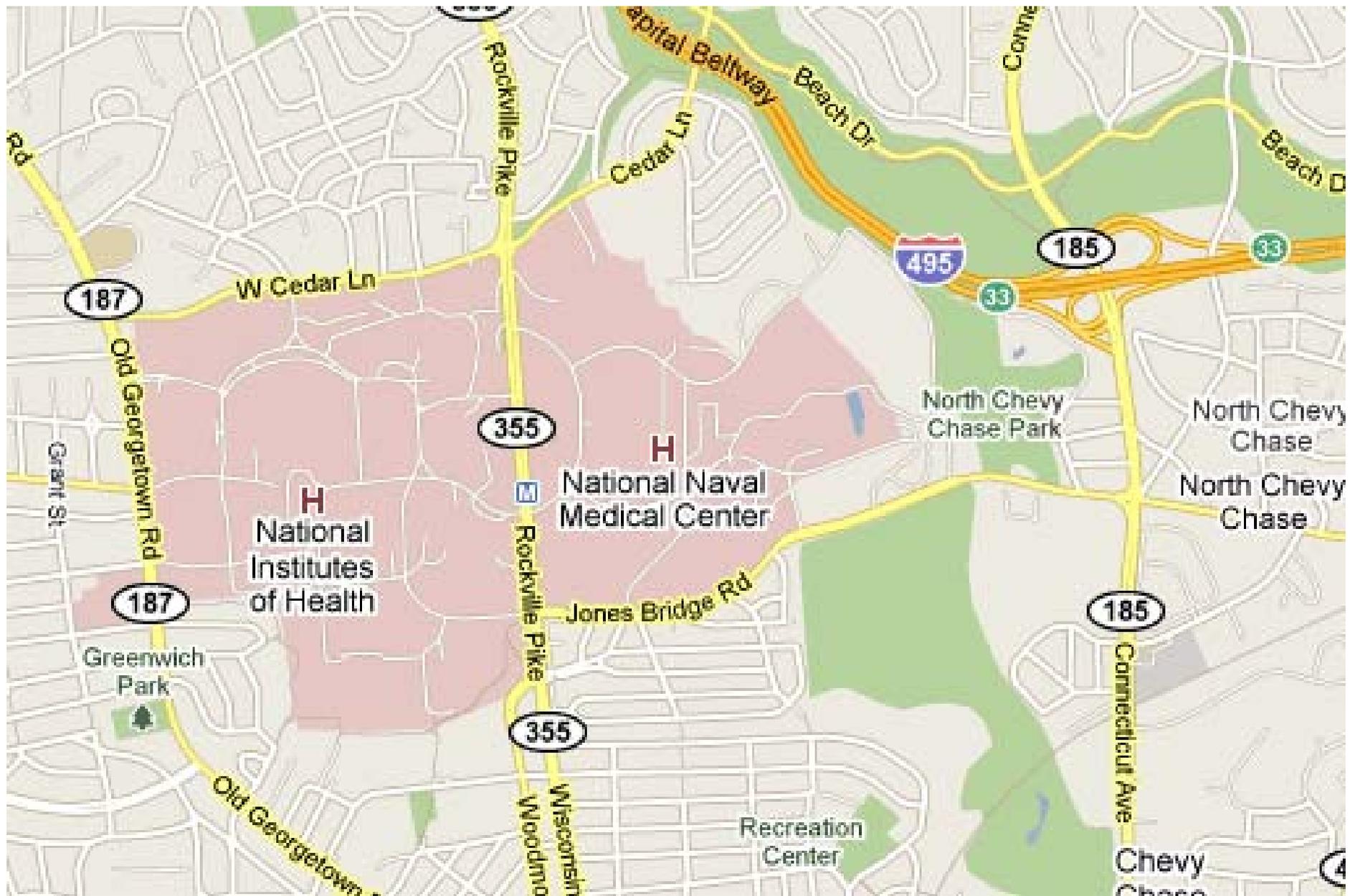


Montgomery County Department of Transportation

Spring Valley Traffic Study

The Study Framework

- **BRAC Timeline**
 - September, 2001
- **Changes at NNMC**
 - Employment + 2,500 new jobs
 - Visitors and Patients will double to 981,000/yr
 - Transit use to increase from 11% to 30%
- **Changes at entrances**
 - Two on Md 355
 - Three on Jones Bridge Road



H
National
Institutes
of Health

H
National Naval
Medical Center

North Chevy
Chase Park

North Chevy
Chase

North Chevy
Chase

Greenwich
Park

Recreation
Center

Chevy
Chase

The Study Framework

- **State Related Improvements**
- **27 Intersections analyzed**
 - **Md 355 at Cedar Lane**
 - **Md 185 addition of southbound lane**
 - **Md 355 at Jones Bridge Road**
 - **Md 185 at Jones Bridge Road**
 - **Md 187 at Cedar Lane**

The Study Framework

- County Related Improvements
 - Bikeway north side of Jones Bridge Road
 - Md 355 to Platt Ridge Road
 - Sidewalk widening east side of MD 355
 - Jones Bridge Road to Cedar Lane
 - Bikeway south side of Cedar Lane
 - Md 187 to Md 355
 - Bikeway north side of Cedar Lane
 - Md 355 to Rock Creek Bikeway
 - Md 355 Crossing Study
 - From Metro Rail Station to NNMC Entrance

Spring Valley Community Concerns

- Traffic Safety
- Control of cut-thru traffic
- Result:
 - Traffic Study by outside consultant

Alternatives Studied

1. Eliminate southbound Kensington at J.B.R. and add Traffic Signal at MD 185 & Montrose Driveway
2. Traffic Signal at Jones Bridge Road & Spring Valley Road
3. Extend Platt Ridge from J.B.R. to Montrose Driveway
4. Extend Woodlawn Road or Montrose Driveway to Park Access Road



Alt. 1: Construct Traffic Signal at MD-185 and Montrose Driveway



Alt. 2: Construct Traffic Signal at Jones Bridge Rd and Spring Valley Rd



Alt. 2A: Construct Traffic Signal at Jones Bridge Rd and Spring Valley Rd



Alt. A
EXTEND WOODLAWN RD
TO PLATT RIDGE DR

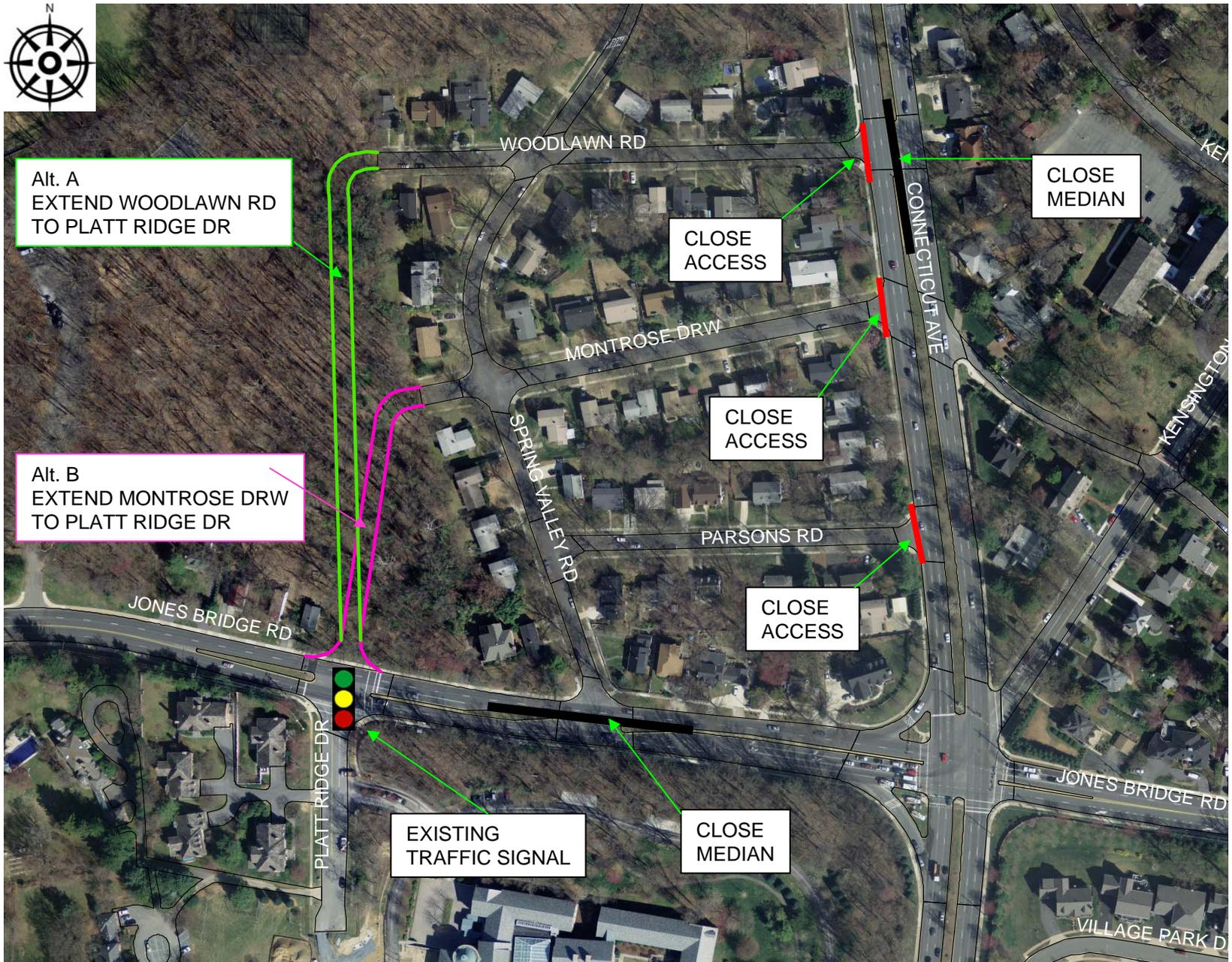
Alt. B
EXTEND MONTROSE DRW
TO PLATT RIDGE DR

CLOSE
MEDIAN

EXISTING
TRAFFIC SIGNAL

CLOSE
MEDIAN

Alt. 3: Construct Fourth Leg at Platt Ridge Drive Intersection and MD - 185



Alt. A
EXTEND WOODLAWN RD
TO PLATT RIDGE DR

Alt. B
EXTEND MONTROSE DRW
TO PLATT RIDGE DR

CLOSE
ACCESS

CLOSE
MEDIAN

CLOSE
ACCESS

CLOSE
ACCESS

EXISTING
TRAFFIC SIGNAL

CLOSE
MEDIAN

Alt. 3A: Construct Forth Leg at Platt Ridge Drive Intersection and MD - 185



Alt. A
EXTEND WOODLAWN RD
TO PARK ACCESS ROAD

Alt. B
EXTEND MONTROSE DRW
TO PARK ACCES ROAD

CLOSE
MEDIAN

CLOSE
MEDIAN

NEW TRAFFIC
SIGNAL

Alt. 4: Extend Woodlawn Rd or Montrose Drwy To Park Access Rd



Alt. A
EXTEND WOODLAWN RD
TO PARK ACCESS ROAD

Alt. B
EXTEND MONTROSE DRW
TO PARK ACCESS ROAD

NEW TRAFFIC
SIGNAL

CLOSE
ACCESS

CLOSE
ACCESS

CLOSE
ACCESS

CLOSE
MEDIAN

CLOSE
MEDIAN

Alt. 4A: Extend Woodlawn Rd or Montrose Drwy To Park Access Rd

Recommended Solutions

- Short Term

- Alternative 2 – Install traffic signal at Jones Bridge Road and Spring Valley Road
 - » Impact of queuing along Jones Bridge Road
 - » Complete in advance of BRAC action; funding exists
 - » Exclusively within County DOT's jurisdiction

Recommended Solutions

- Long Term
 - Alternative 3 – Extend Platt Ridge Dr. to Montrose Driveway and modify existing traffic signal.
 - Access is least affected by queues along MD 185 and along Jones Bridge
 - Time to plan, design, construct; compete for funding
 - Requires involvement/cooperation of MNCPPC
 - Can not be implemented prior to BRAC action

Alternatives along Connecticut Avenue

- Alt. A - Maintain existing access – possible changes to hours on existing signing
- Alt. B - Physically restrict right turns from Connecticut Avenue
- Alt. C - Physically restrict access to emergency vehicles only



Alt. A – No Build

Note: Hours For Existing Turn Restrictions Can Be Changed



Alt. B: Physically Restrict Right Turns Into Side Roads



Insert: Non Traversable Barrier



Alt. C: Physically Restrict All Access Except For
Emergency Vehicles

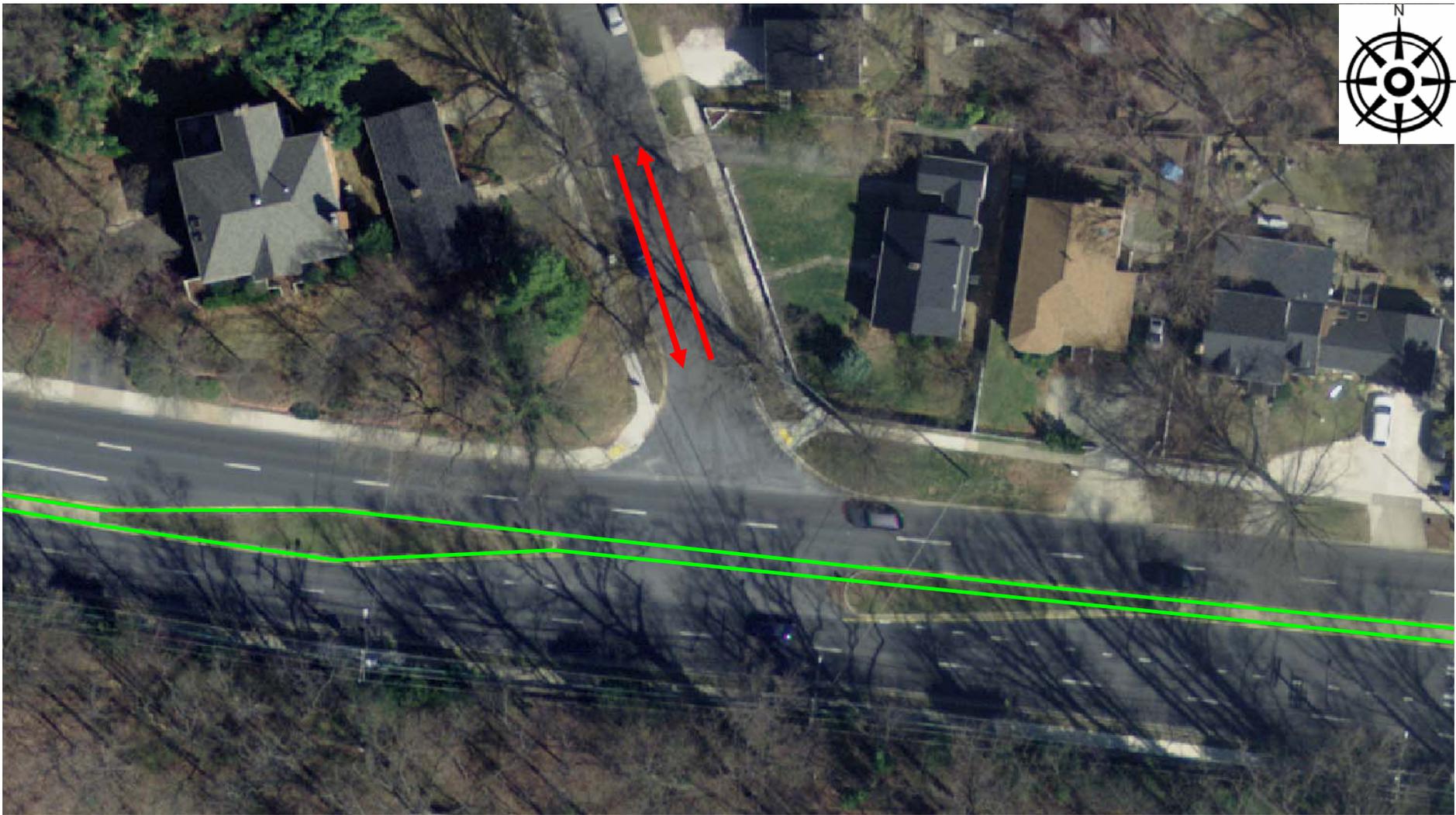
Options for Spring Valley Road

After construction

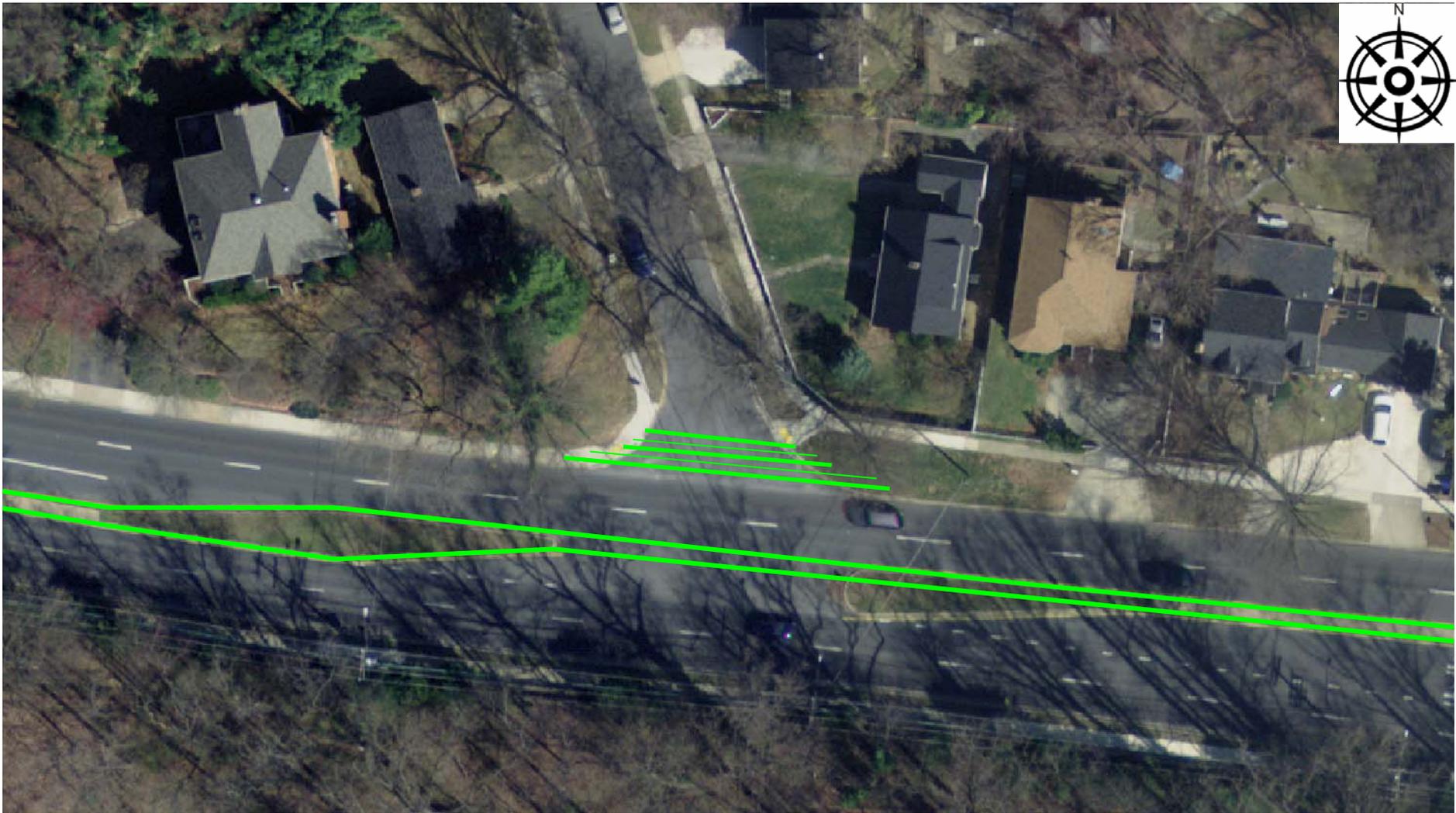
- New Access is built with new signal.
- Signal at Spring Valley is removed.

–Then

- Option 1 – Right In / Right Out
- Option 2 – Restrict access except to emergency vehicles.



Post-Signal Opt. 1: Close Median - Right Turns In and Out



Post-Signal Opt. 2: Close Median & Close Spring Valley Road
Except For Emergency Vehicles

- **QUESTIONS?**