Appendix IV: Intersection Improvements and Corridor Bus Priority Plans

MANAGED LANE ALTERNATIVE PROPOSED MILLING AND RESURFACING

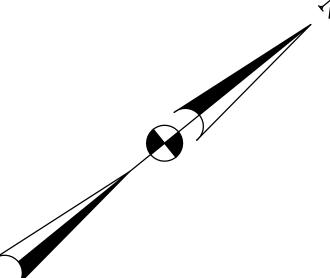
US 29 (COLUMBIA PIKE)

SLIGO CREEK PARKWAY

TO CRESTMOOR DRIVE

SCALE : 1" = 100' D.

DATE : JANUARY 2





EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINE

PROPOSED RIGHT-OF-WAY

PROPOSED CURB / MEDIAN

PROPOSED CONCRETE / SIDEWALK

PROPOSED BRIDGE / BRIDGE REDECKING

PROPOSED BUS STATION

PROPOSED RETAINING WALL

PROPOSED MILLING AND RESURFACING

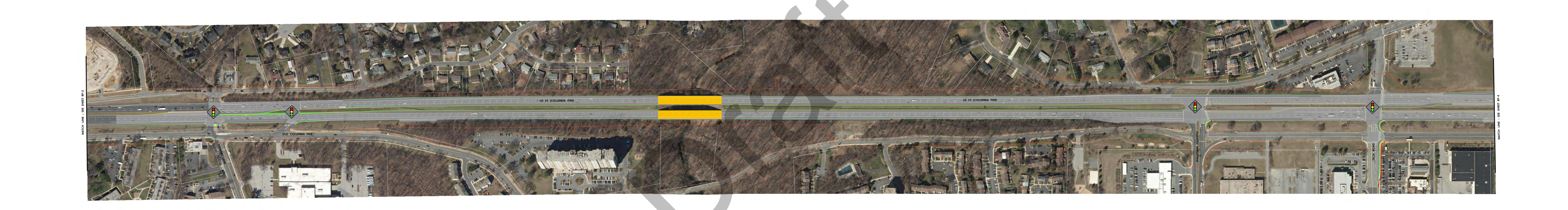
PROPOSED FULL DEPTH PAVEMENT

EXISTING TRAFFIC SIGNAL

PROPOSED TRAFFIC SIGNAL

US 29 (COLUMBIA PIKE)

CRESTMOOR DRIVE TO
MD 650 (NEW HAMPSHIRE AVENU



EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINE

PROPOSED RIGHT-OF-WAY

PROPOSED CURB / MEDIAN

PROPOSED CONCRETE / SIDEWALK

PROPOSED BRIDGE / BRIDGE REDECKING

PROPOSED BUS STATION

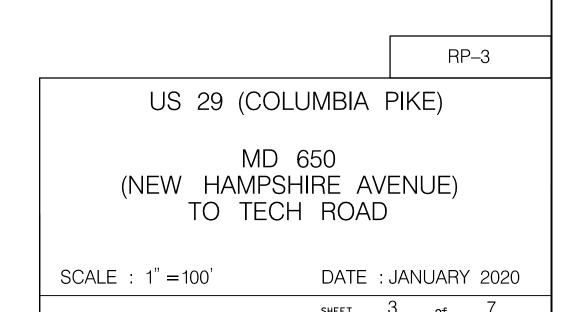
PROPOSED RETAINING WALL

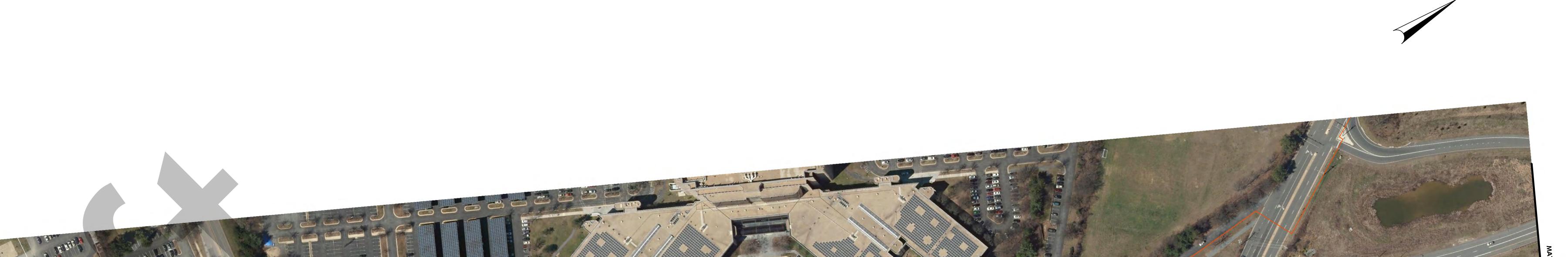
PROPOSED MILLING AND RESURFACING

PROPOSED FULL DEPTH PAVEMENT

EXISTING TRAFFIC SIGNAL

PROPOSED TRAFFIC SIGNAL







EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINE

PROPOSED RIGHT-OF-WAY

PROPOSED CURB / MEDIAN

PROPOSED CONCRETE / SIDEWALK

PROPOSED BRIDGE / BRIDGE REDECKING

PROPOSED BUS STATION

PROPOSED RETAINING WALL

PROPOSED MILLING AND RESURFACING

PROPOSED FULL DEPTH PAVEMENT

EXISTING TRAFFIC SIGNAL

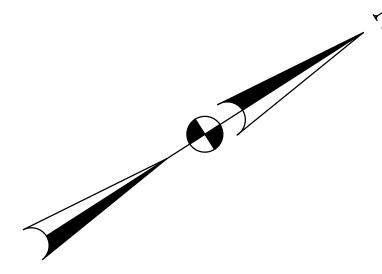
PROPOSED TRAFFIC SIGNAL

US 29 (COLUMBIA PIKE)

TECH ROAD

SCALE : 1" = 100'

DATE : JANUARY 202





EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINE

PROPOSED RIGHT-OF-WAY

PROPOSED CURB / MEDIAN

PROPOSED CONCRETE / SIDEWALK

PROPOSED BRIDGE / BRIDGE REDECKING

PROPOSED BUS STATION

PROPOSED RETAINING WALL

PROPOSED MILLING AND RESURFACING

PROPOSED FULL DEPTH PAVEMENT

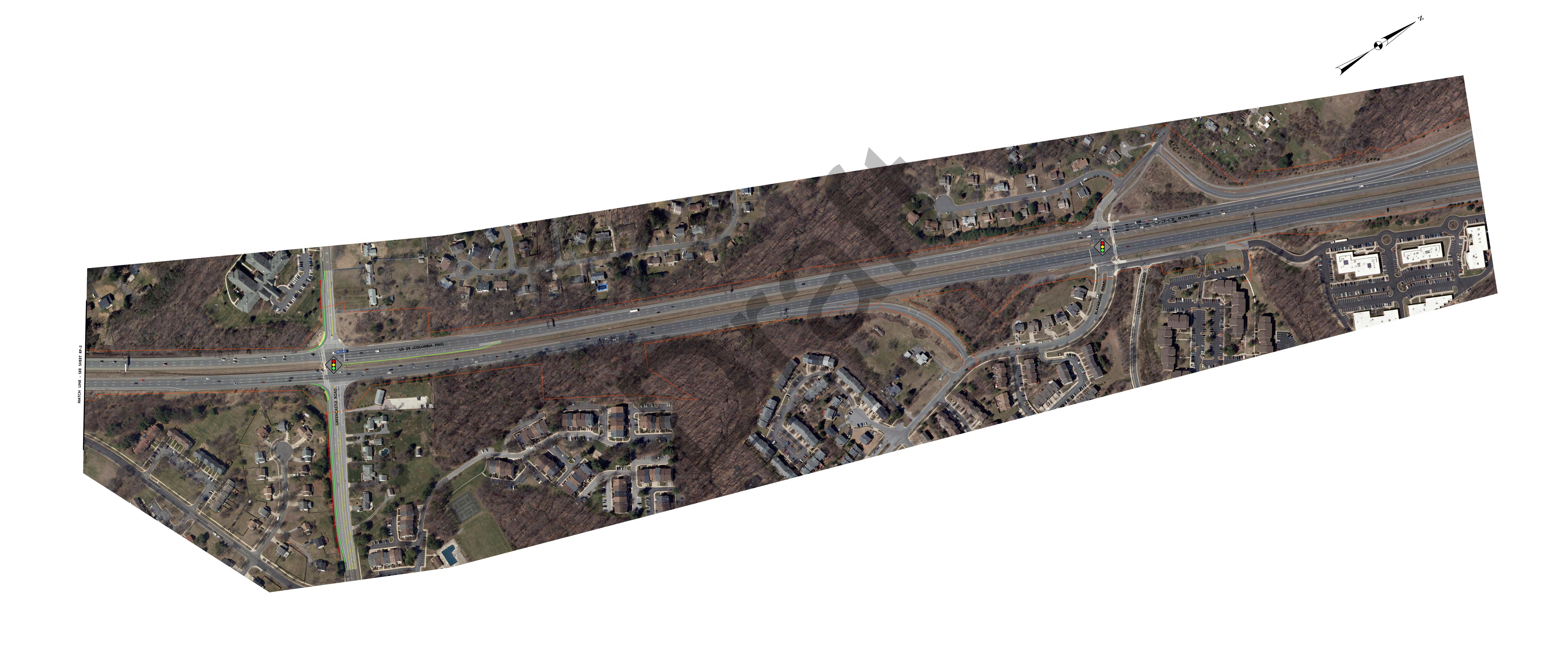
EXISTING TRAFFIC SIGNAL

PROPOSED TRAFFIC SIGNAL

US 29 (COLUMBIA PIKE)

SCALE : 1" =100'

: 1" = 100' DATE :



EXISTING RIGHT-OF-WAY

EXISTING PROPERTY LINE

PROPOSED RIGHT-OF-WAY

PROPOSED CURB / MEDIAN

PROPOSED CONCRETE / SIDEWALK

PROPOSED BRIDGE / BRIDGE REDECKING

PROPOSED BUS STATION

PROPOSED RETAINING WALL

PROPOSED MILLING AND RESURFACING

PROPOSED FULL DEPTH PAVEMENT

US 29 (COLUMBIA PIKE

GREENCASTLE ROAD TO BLACKBURN ROAD

SCALE : 1" = 100'

DATE : JANUARY 202

MEDIAN BUS LANE ALTERNATIVE

US 29 (COLUMBIA PIKE)

SLIGO CREEK PARKWAY

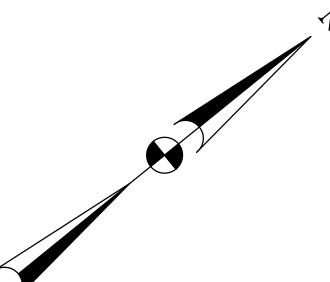
TO CRESTMOOR DRIVE

SCALE : 1" =100'

PROPOSED TRAFFIC SIGNAL

PROPOSED MILLING AND RESURFACING

MEDIAN BUS LANE ALTERNATIVE





PROPOSED RIGHT-OF-WAY

PROPOSED CURB / MEDIAN

PROPOSED CONCRETE / SIDEWALK

PROPOSED BRIDGE / BRIDGE REDECKING

PROPOSED BUS STATION

PROPOSED RETAINING WALL

PROPOSED MILLING AND RESURFACING

PROPOSED FULL DEPTH PAVEMENT

EXISTING TRAFFIC SIGNAL

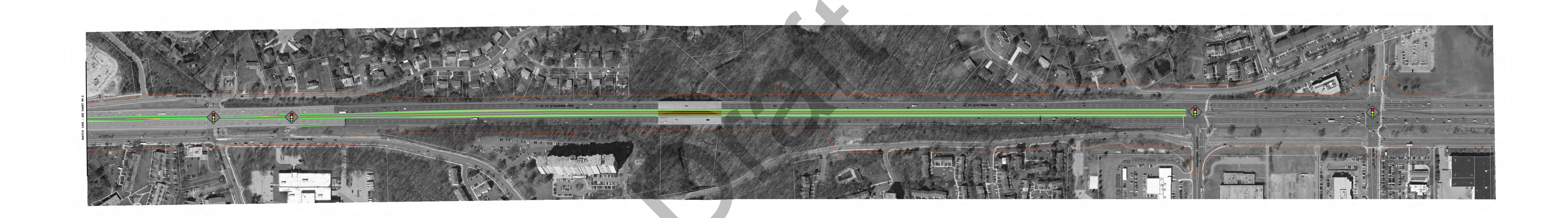
PROPOSED TRAFFIC SIGNAL

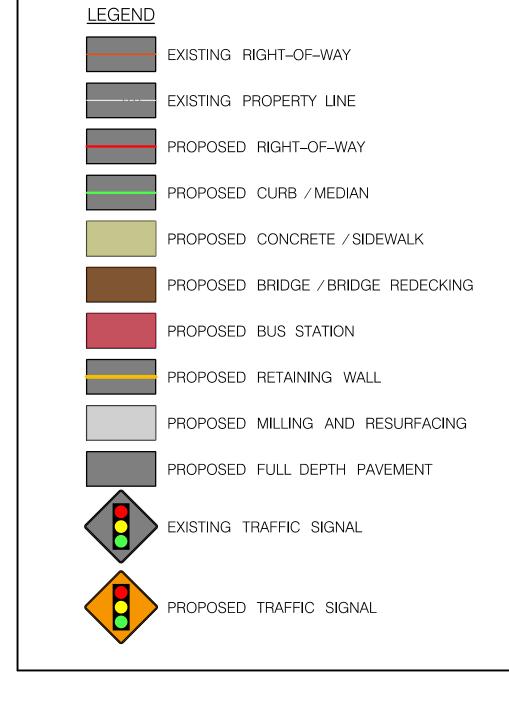
US 29 (COLUMBIA PIKE)

CRESTMOOR DRIVE TO
MD 650 (NEW HAMPSHIRE AVEN

DATE : MARCH

MEDIAN BUS LANE ALTERNATIVE



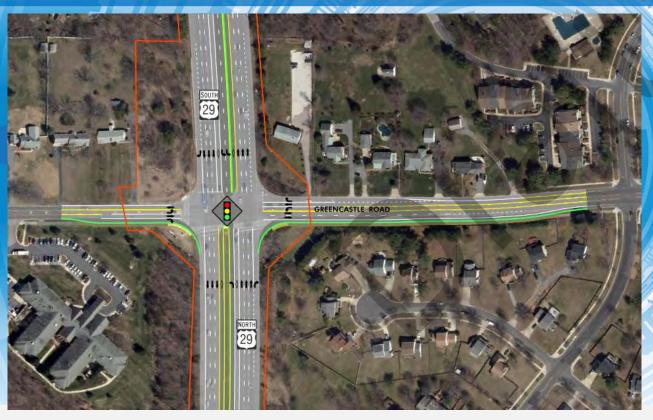


US 29 (COLUMBIA PIKE)

MD 650
(NEW HAMPSHIRE AVENUE)
TO TECH ROAD

SCALE: 1" = 100' DATE: MARCH 2019

Greencastle Road Intersection Improvements

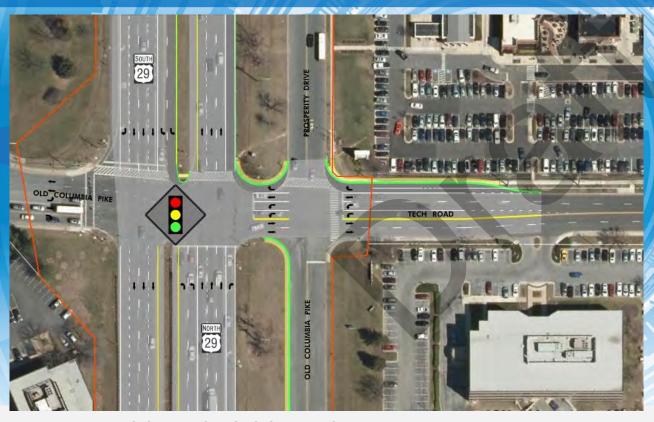


- Add Eastbound Rightturn Lane
- Add Second Southbound
 Left-turn Lane and
 Eastbound Receiving
 Lane
- \$3.6M Construction





Tech Road Intersection Improvements



- Additional US 29 turn lanes (2nd SBL) and side street widening for additional westbound right-turn lane at Tech Road
- \$2.0M construction





Stewart Lane Intersection Improvements



US 29 Mobility and Reliability Study

- Add a 2nd SB left turn lane on US 29 at Stewart Lane
- •: \$2.7M Construction



MD 650 Interchange Improvements



- 3rd Southbound US 29 lane addition through MD 650
- \$6.5M Construction





I-495 Westbound Exit Ramp Improvements



US 29 Mobility and Reliability Study

- 2nd exit lane from SB US 29 to WB I-495
- \$1.7M Construction



Sligo Creek Intersection Improvements



Sligo Creek Parkway
 widening at US 29 for
 2nd westbound
 through lane
 \$3.1M Construction

US 29 Mobility and Reliability Study