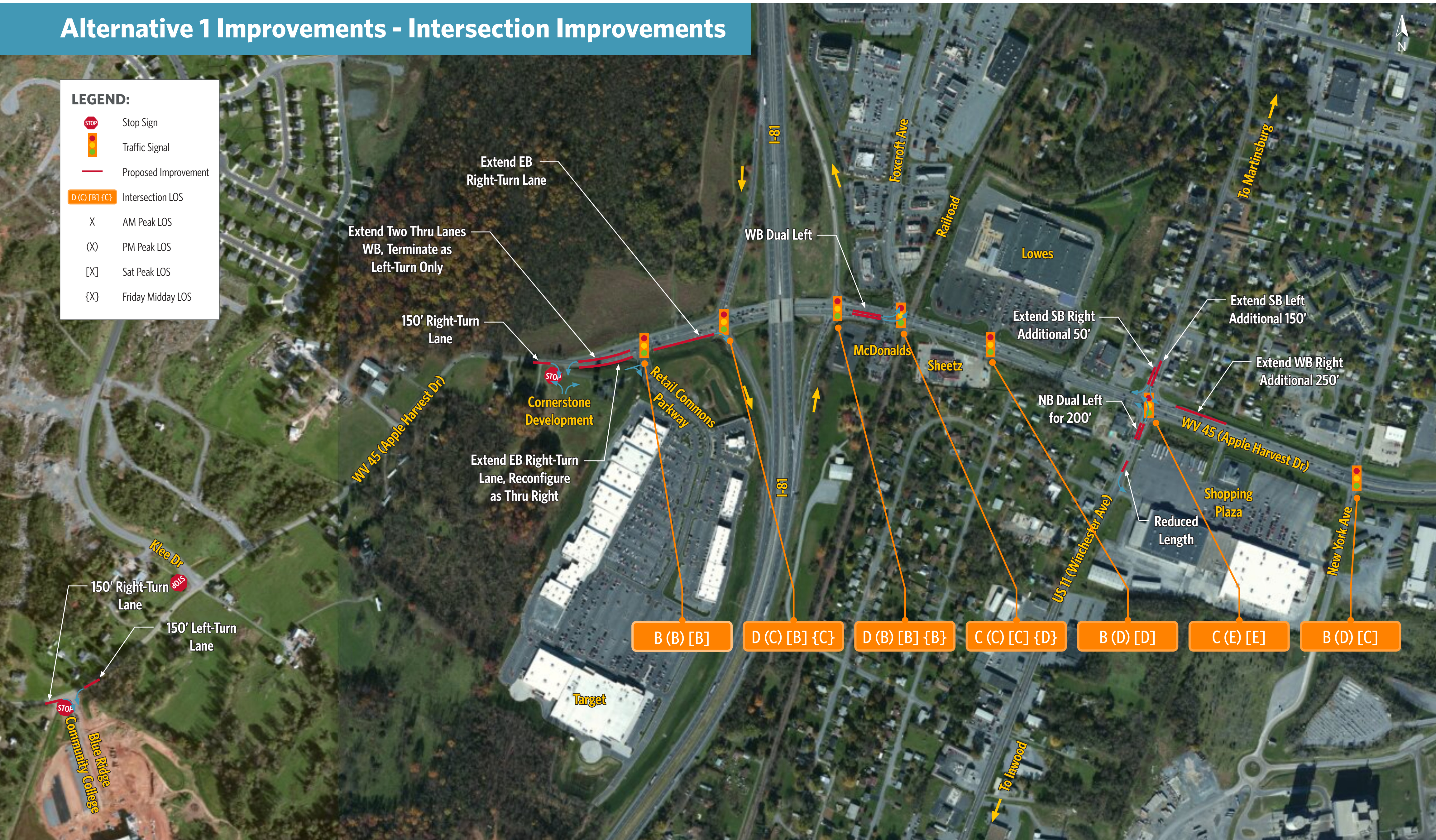## Alternative 1 Improvements - Intersection Improvements

LEGEND:
- **STOP** Stop Sign
- Traffic Signal
- Proposed Improvement
- D (C) [B] {C} Intersection LOS
- X AM Peak LOS
- (X) PM Peak LOS
- [X] Sat Peak LOS
- {X} Friday Midday LOS

Extend EB Right-Turn Lane

Extend Two Thru Lanes WB, Terminate as Left-Turn Only

WB Dual Left

150' Right-Turn Lane

Extend SB Right Additional 50'

Extend SB Left Additional 150'

Extend WB Right Additional 250'

NB Dual Left for 200'

Reduced Length

Extend EB Right-Turn Lane, Reconfigure as Thru Right

Cornerstone Development

Retail Commons Parkway

WV 45 (Apple Harvest Dr)

McDonalds

Sheetz

US 11 (Winchester Ave)

WV 45 (Apple Harvest Dr)

Shopping Plaza

New York Ave

Foxcroft Ave

Railroad

Lowes

To Martinsburg

Kline Dr

150' Right-Turn Lane

150' Left-Turn Lane

Blue Ridge Community College

Target

To Inwood

I-81

LOS values: B (B) [B]   D (C) [B] {C}   D (B) [B] {B}   C (C) [C] {D}   B (D) [D]   C (E) [E]   B (D) [C]

Alternative 2 Improvements - Additional Thru Capacity

Extend EB Right-Turn Lane

Extend Two Thru Lanes WB, Terminate as Left-Turn Only

150' Right-Turn Lane

Terminates at Existing Right-Turn Lane

Cornerstone Development

Retail Commons Parkway

WV 45 (Apple Harvest Dr)

Extend EB Right-Turn Lane, Reconfigure as Thru Right

McDonalds

Sheetz

NB Dual Left for 200'

Reduced Length

US 11 (Winchester Ave)

Shopping Plaza

WV 45 (Apple Harvest Dr)

Terminates at Queen Street Interchange

New York Ave

Foxcroft Ave

Railroad

Lowes

To Martinsburg

Kline Dr

150' Right-Turn Lane

150' Left-Turn Lane

Blue Ridge Community College

Target

To Inwood

I-81

LOS values: B (B) [B]   C (C) [B] {C}   A (B) [A] {C}   B (C) [D] {D}   B (E) [E]   C (E) [E]   A (B) [B]

LOS/ALTERNATIVES

Alternative 3 Improvements - Trip Diversion

LEGEND:
- Stop Sign
- Traffic Signal
- Proposed Improvement
- D (C) [B] {C} Intersection LOS
- X AM Peak LOS
- (X) PM Peak LOS
- [X] Sat Peak LOS
- {X} Friday Midday LOS

A (A) [A]

1000' Turn Lane

New Roadway and RR Crossing

New Roadway

To Martinsburg

Foxcroft Ave

Railroad

Lowes

Additional Access to Lowes

A (B) [B]

Extend EB Right-Turn Lane

Extend Two Thru Lanes WB, Terminate as Left-Turn Only

Existing Ramp Becomes Left Only

McDonalds

Sheetz

NB Dual Left for 200'

WV 45 (Apple Harvest Dr)

150' Right-Turn Lane

Retail Commons Parkway

WV 45 (Apple Harvest Dr)

Cornerstone Development

Extend EB Right-Turn Lane, Reconfigure as Thru Right

New Ramp for Thru and Right-Turn Movements

US 11 (Winchester Ave)

Reduced Length

Shopping Plaza

New York Ave

Klee Dr

150' Right-Turn Lane

150' Left-Turn Lane

Blue Ridge Community College

Target

To Inwood

B (B) [B] C (C) [C] {C} B (B) [B] {B} C (D) [D] {D} B (D) [B] C (E) [D] B (B) [B]

2024 Build Alternative 4 Improvements - Ultimate Build

A (A) [A]

1000' Turn Lane

New Roadway and RR Crossing

New Roadway

To Martinsburg

Foxcroft Ave

Railroad

Lowes

Additional Access to Lowes

Terminates at Existing Right-Turn Lane

A (B) [B]

Extend EB Right-Turn Lane

Extend Two Thru Lanes WB, Terminate as Left-Turn Only

Existing Ramp Becomes Left Only

McDonalds

Sheetz

Terminates at Queen Street Interchange

WV 45 (Apple Harvest Dr)

150' Right-Turn Lane

Retail Commons Parkway

Cornerstone Development

Extend EB Right-Turn Lane, Reconfigure as Thru Right

New Ramp for Thru and Right-Turn Movements

NB Dual Left for 200'

US 11 (Winchester Ave)

Reduced Length

Shopping Plaza

New York Ave

Klee Dr

150' Right-Turn Lane

150' Left-Turn Lane

Blue Ridge Community College

Target

To Inwood

B (B) [B] C (C) [C] {C} A (A) [A] {A} B (C) [C] {D} B (B) [B] C (D) [D] A (B) [B]