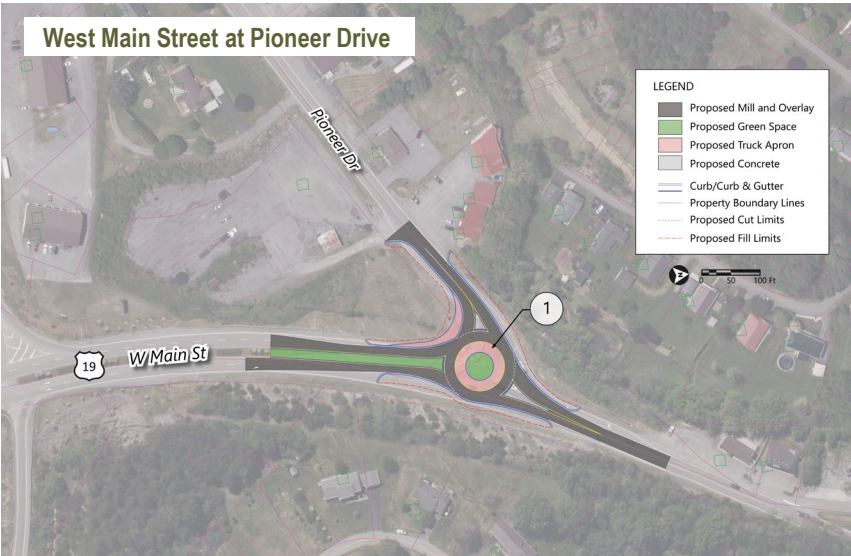




PROJECT PIPELINE PHASE 2 ALTERNATIVES

West Main Street at Pioneer Drive and US 19 Bypass at Regional Park Road
VDOT District: Bristol / Locality: Town of Lebanon

BR-25-04



VTrans Needs

- Safety Improvement
- Pedestrian Safety Improvement

Restriping Improvement

- 1 Restripe northbound West Main Street to shift the lane drop
- 2 Lane drop from two lanes to single lane outside of the functional area of Pioneer Drive and US 19 (West Main Street) intersection

Project Benefits

- Safely transition two-lane same direction traffic to single lane

Implementation Timeline

Next Paving Cycle

Single Lane Roundabout

- 1 Install single lane roundabout as intersection control type at the intersection of West Main Street and Pioneer Drive

Project Benefits

- Maintains all movements at the intersection
- Reduction of conflict points and crash severity risk
- Reduction of left turn lane delay at Pioneer Drive

Implementation Timeline

Long-term vision

VTrans Needs

- Safety Improvement

Signal Improvement

- 1 Install supplemental signal head for westbound traffic on US 19 at the intersection of Regional Park Road
- 2 Install Dynamic All-Red Extension (DARE) video detection cameras

Project Benefits

- Provides backup signal head located outside the horizon/sun line
- Provides additional red time as needed to mitigate red-light running at intersection

Implementation Timeline

Future funding application