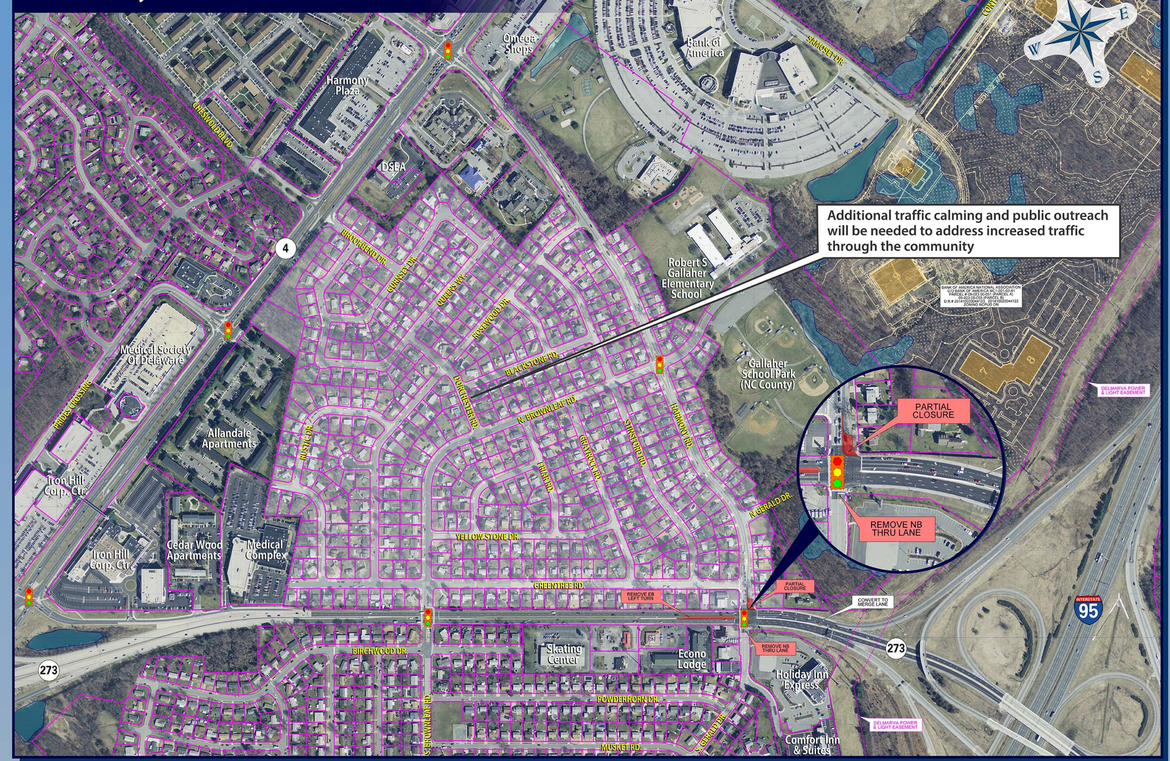
# Alternatives 2A and 2B Partial Closure at Harmony Road

## Alternative 2A
NB Harmony Road closed at SR 273




## Alternative 2B
Alt 2A plus converts portion of Harmony Road SB only

## 2A Advantages

- Removes signal phases at Harmony Road, which increases green time on SR 273
- Reduces through traffic on Harmony Road northbound
- Maintains two existing egress points from community to SR 273

## 2A Disadvantages

- Reduces access points to the community from SR 273
- Increases traffic on Brownleaf and other residential streets (greater impact than Alternative 1)

## 2B Advantages

- Removes signal phases at Harmony Road, which increases green time on SR 273
- Maintains two existing egress points from community to SR 273
- Reduces NB cut-through traffic on Harmony Road via Brownleaf Road

## 2B Disadvantages

- Reduces access points to the community from SR 273
- Increases traffic on Brownleaf and other residential streets (greater impact than Alternative 1)
- Removes egress point from community to SR 4

## Regional Impacts from NB closure of Harmony Road at SR 273:

- Traffic Volumes on Red Mill Road between SR 273 and Ruthar Drive increase by about 10%
- Traffic Volumes on Red Mill Road between SR 2 and Ruthar Drive increase by about 5%
- Traffic Volumes on SR 273 between Harmony Road and SR 4 increase by about 5%
- Traffic Volumes on SR 4 between SR 273 and Harmony Road increase by about 5%
- The AM Peak Hour operations at the following intersections, causing them to fail (>80 sec of delay/vehicle):
  - SR 273 and Harmony Road
  - SR 273 and Brownleaf Road
- The PM Peak Hour operations at the following intersections, causing them to fail (>80 sec of delay/vehicle):
  - SR 273 and Harmony Road
  - SR 273 and Brownleaf Road
  - SR 4 and Salem Church Road
  - SR 4 and Harmony Road