

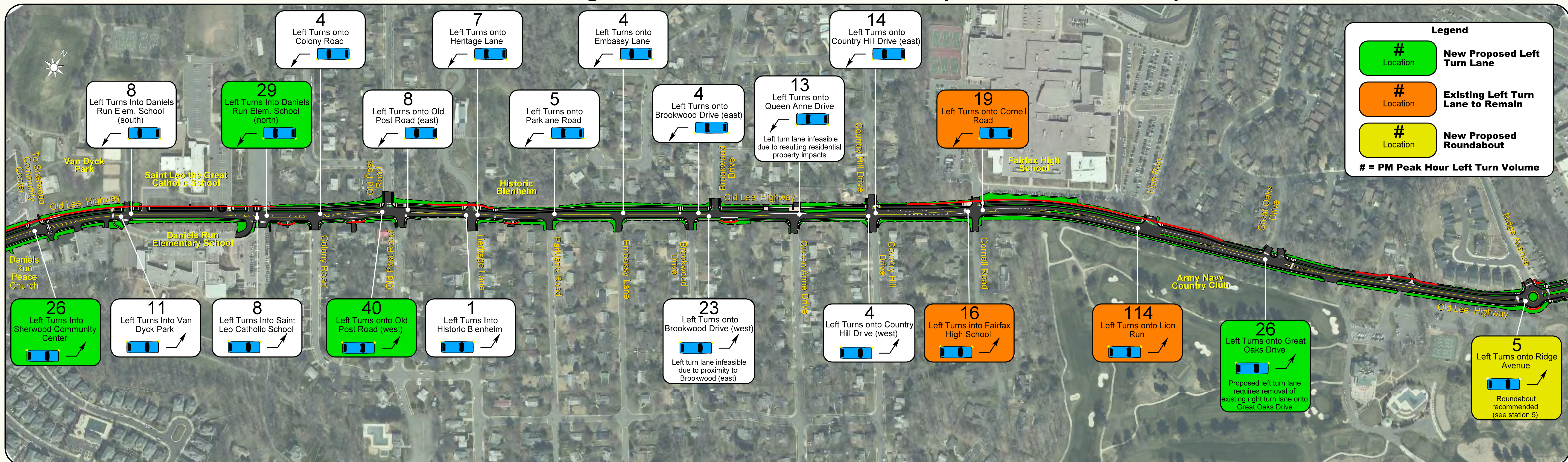
# Left Turn Lane Analysis

## Left Turning Volumes - PM Peak Hours (5:15 PM - 6:15 PM)

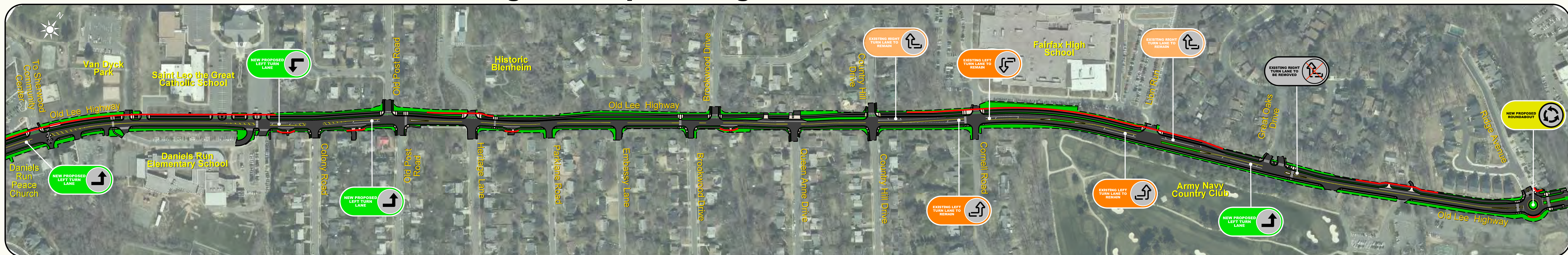
**Legend**

- # Location **New Proposed Left Turn Lane**
- # Location **Existing Left Turn Lane to Remain**
- # Location **New Proposed Roundabout**

# = PM Peak Hour Left Turn Volume



## Existing and Proposed Right and Left Turn Lane Locations



### Traffic Analysis

#### Traffic Evaluation Summary

- **Old Lee Highway operates at an acceptable Level of Service during AM and PM peak traffic hours**
  - Adequate gaps in oncoming traffic to make left turns from Old Lee Highway to neighborhood roads
  - Left turning vehicles do not always impact through traffic
- **There is substantial congestion along Old Lee Highway during Daniels Run Elementary School's arrival/dismissal**
  - Crossing guard stoppages
  - Heavy pedestrian crossing volumes
- **Congestion at Daniels Run Elementary / Saint Leo the Great Catholic School cannot be resolved within the scope of this project**
- **Intersection improvements are recommended at some locations to improve traffic operation and neighborhood ingress/egress**

AM Peak Hour Traffic



PM Peak Hour Traffic



Daniels Run Elementary Existing Crosswalk



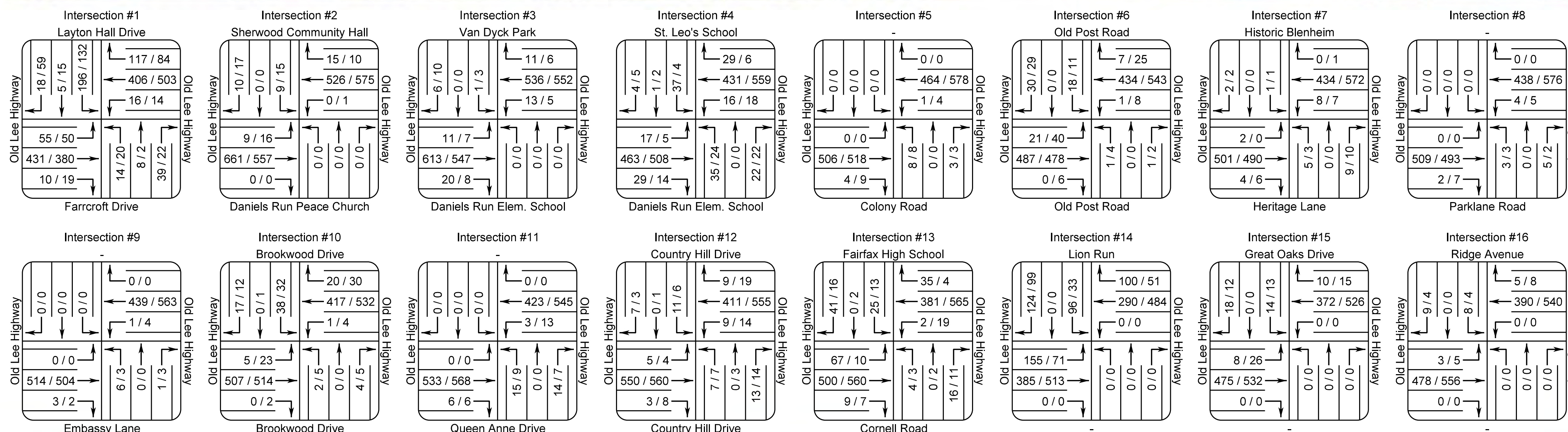
Photo Taken: September 2021

Traffic Data



Existing Year 2021 Traffic Volumes

Notes:  
AM PEAK HOUR / PM PEAK HOUR  
AM Peak Hours: 7:30 - 8:30 AM  
PM Peak Hours: 5:15 - 6:15 PM



Future Year 2045 Projected Traffic Volumes

Notes:  
AM PEAK HOUR / PM PEAK HOUR  
AM Peak Hours: 7:30 - 8:30 AM  
PM Peak Hours: 5:15 - 6:15 PM

