



SARATOGA WAY

Special Community Traffic Meeting
September 22, 2021
El Dorado Hills Area Planning Advisory
Committee

Safety Concerns

- Example of Car Using Bike Lane to Pass Vehicle Turning Left onto Finders.
- California Vehicle Code 21209 VC prohibits motorists in California from driving a vehicle on a bicycle lane except under limited circumstances. Motorists can only drive on a bike lane to: (1) park; (2) enter or leave a roadway (approx. 200 yards from turn/exit); or (3) prepare for a turn from an intersection.
- A motorist that unlawfully drives on a bike lane must pay a fine of \$238.00.
- A driver that violates Vehicle Code 21209 VC will also receive one point on his DMV driving record.



Narrow Lanes and No Sidewalks/School Bus Ingress/Egress

- It is not possible for large vehicles to enter/exit Saratoga Way without entering the bike lanes.
- The school bus route and pick up/drop off site is less than 200 yards from intersection, with children traveling frequently on road.
- There are no cross-walks or sidewalks to protect children from large vehicles, and the run-off area is lacking in areas. Leaving cyclist and walkers with either a fence or steep fall if forced out of the bike lane by a passing vehicle.



No Cross-walk or Sidewalk at Intersection

- Finders is the primary ingress/egress for residents of the Crescent Ridge village.
- This village has an elementary school and park, along with little league field.
- Many children use this intersection to travel to Saratoga Retail center, Raley's and La Borgata Retail Center.
- State law requires that when a marked crosswalk is adjacent to a school, **or at certain locations on the suggested route to school**, it shall be painted yellow.



Significant Traffic Backup When Left Turn Onto Finders

- This video is from off peak with a single car turning left.
- The speed limit is 45 miles per hour at this location.
- Distance Required to Stop, according to the American Assoc. of State Highway and Transportation Officials (AASHTO) is
 - 305 feet if you're traveling at 40 mph
 - 425 feet if you're traveling at 50 mph
 - * 570 feet if you're traveling at 60 mph
 - The optimum width for a bike lane on an arterial/collector with no on-street parking with posted speeds of 45 mph or more is eight feet.
 - The optimal minimum width to the longitudinal joint with the gutter pan is seven feet. If there is on-street parallel parking, an additional eight feet should be provided



Saratoga Way at Finders Way Traffic Data, Recorded on April 13, 2021

Concerns Regarding Data From 4.13.21

- COVID affected traffic on roadways and pedestrian traffic on that day.
 - Saratoga Estates was not occupied at the time, with heavy equipment often causing delays on the roadways at this time.
 - What is the Measurement mechanism used to evaluate the adequacy of the corner sight distance at 45 MPH?
- The intersection of Saratoga Way and Finders Way currently is operating at LOS B, with side street delays (HCM Control Delay) ranging between 11.5 to 13.2 seconds at the 3 peak hours (AM, Midday, PM) of the day.
 - Operates more at level F during peak hours now.
 - Saratoga turn off of El Dorado Hills Blvd. operates at LOS F at peak hours. When this occurs the wait times at all uncontrolled intersections increases dramatically.

Finders Way

- No weed control
- No bike lane
- No sidewalk
- No buffer at intersection between traffic lane and dirt hillside, i.e., no room for bikes or pedestrians.



Pathway to the New Community Park in Saratoga Estates

- This is the route for children to travel when walking to the new Saratoga Estate Community Park set to open early Spring 2022.
- The speed limit at this location is 45 miles per hour.
- If a car is traveling at 40+ miles per hour over the crest it will not have enough room to stop and avoid hitting a car turning onto finders, or worse a child crossing the street to follow the vehicle code for traveling by bicycle in the E. direction.



Remainder Parcel

- A sidewalk will not extend from the new office buildings to the intersection of Finders and Saratoga.
- The area in this photo is considered part of the remainder parcel owned by Parker Development.
- No bike lane on finders or sidewalk.

