

## 8 Recommendations

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### A. Roadway improvements

The proposed Los Mezquites subdivision will be constructed through 4 phases that will be a combination of residential lots and commercial properties. The opening year will be 2023 and the entire section is slated for completion in 2026. To accommodate for the yearly increase in traffic flow the following improvements are recommended based on how each successive phase affects the adjacent areas:

- To reduce traffic at the major intersections, interconnectivity from the residential to the commercial areas should be provided.
- During Phase I, improve the intersection of Avenue E and County 24th Street with a traffic signal and build according to City of San Luis standards. The eastbound and westbound approaches should contain at least one dedicated turn lane in each direction and at least one through lane.
- During Phase II, improve the intersection of Avenue E and County 23 1/2 Street with a traffic signal and build according to City of San Luis standards. The eastbound and westbound approaches should contain at least one dedicated turn lane in each direction and at least one through lane.
- At Phase III, improve the intersection of Avenue E and Cesar Chavez Boulevard to include dual left turn lanes in the westbound direction.
- At Phase III, dual left turn lanes in the southbound and northbound directions should be provided at the intersection of Avenue E and County 24<sup>th</sup> Street.
- At Phase III, the intersection of Avenue F and Cesar Chavez Boulevard reaches Level of Service E. The addition of an additional through lane in each direction is recommended.
- At Phase III, at the intersection of County 24<sup>th</sup> Street and the Avenue D ¾ alignment, a traffic signal is required to provide adequate ingress and egress to the commercial areas.
- At Phase IV, the capacity at the intersection of County 24<sup>th</sup> Street and Avenue D ½ should be reevaluated to determine if a two-way stop-controlled intersection is still adequate at this location. The performance of this intersections is dependent on additional development to the east.