Vicinity Map – Alicia Pkwy & Jeronimo Rd (Collision History Review)

* Alicia Parkway speed limit is 45 MPH
* Jeronimo Road speed limit is 45 MPH
* Horizontal curves and vertical curves on both corridors.
* Closely-spaced signalized intersection (within 550 feet) – Via Fabricante.
Vicinity Map – Alicia Pkwy & Jeronimo Rd (Collision History Review)

Attachment 1
Street View Photos on Alicia Parkway and Jeronimo Road

Attachment 2 – Street View Exhibit

Looking west on Alicia Pkwy at Jeronimo Rd (2 left turn lanes, 3 through lanes, 1 right turn lane).

Looking east on Alicia Pkwy at Jeronimo Rd (2 left turn lanes, 3 through lanes, 1 right turn lane).

*Marked crosswalk removed in late 2017*
Street View Photos on Alicia Parkway and Jeronimo Road

Attachment 2 – Street View Exhibit

Looking north on Jeronimo Rd at Alicia Pkwy (2 left turn lanes, 2 thru lanes, 1 right turn lane).

Looking south on Jeronimo Rd at Alicia Pkwy (2 left turn lanes, 2 thru lanes, 1 right turn lane).
### Intersection Turning Movement Counts

**Prepared by:** AimTD LLC. tel: 714 253 7888 cs@aimtd.com

#### Notes:
- All day EB/WB queue

#### Lanes:
- **NORTHBOUND**
- **SOUTHBOUND**
- **EASTBOUND**
- **WESTBOUND**

#### U-Turns:
- **N**
- **E**
- **W**
- **S**

### Traffic Counts

#### Lane Counts:
- **NORTHBOUND**
- **SOUTHBOUND**
- **EASTBOUND**
- **WESTBOUND**

#### Volumes (Vehicles per Hour):
- 7:00 AM
- 7:30 AM
- 8:00 AM
- 8:30 AM
- 9:00 AM

#### Approach %:
- **NORTHSIDE**
- **SOUTHSIDE**
- **EASTSIDE**
- **WESTSIDE**

#### Peak Hour Factor (PHF):
- **0.840**
- **0.769**
- **0.937**
- **0.942**

#### Total Volumes:
- 1,362
- 1,542
- 1,362
- 1,542

#### Other Movements:
- Pedestrian + Bike Crossing
- Bicycle Crossing
- U-Turns

### Intersections:
- **Jeronimo**
- **Alicia**
- **West Side**
- **East Side**
- **South Side**

### Contact Information:
- **PREPARED BY:** AimTD LLC. tel: 714 253 7888 cs@aimtd.com
**Intersection:**
Street (1) Jeronimo Road (N-S)
Street (2) Alicia Parkway (E-W)

**2019 Totals:** 5 (0 Fatals – 2 Injury – 3 Property)

**Comments:**
This is a signalized intersection with traffic volumes ranging from 58,000 vehicles per day on the west leg and 38,800 vehicles on the east leg. The north leg of Jeronimo traffic averages 18,300 vehicles and the south leg averages 15,600 vehicles. There are two broadside collisions occurring at the intersection due to red light violations. Suggest enforcement in the westbound direction of Alicia Parkway. Monitor. There are two other hit and run collisions with unknown primary collision factors at different directions away from the intersection and one DUI collision occurring on the south leg.
**Intersection:**
Street (1) Jeronimo Road (N-S)
Street (2) Alicia Parkway (E-W)

**2018 Totals:** 7 (0 Fatals – 4 Injury – 3 Property)

**Comments:**
This is a signalized intersection with traffic volumes ranging from 60,100 vehicles per day on the west leg and 39,600 vehicles on the east leg. The north leg of Jeronimo traffic averages 18,100 vehicles and the south leg averages 15,900 vehicles. There are three red light violations occurring in the westbound Alicia Parkway direction that resulted in broadside collisions at the intersection. Recommend enforcement in the westbound approach of Alicia Parkway. Monitor. The other collisions appear to be random incidents (red light violation southbound, DUI northbound, hit & run westbound & wrong way).
Intersection:
Street (1) Jeronimo Road (N-S)
Street (2) Alicia Parkway (E-W)

2017 Totals: 16 (0 Fatals – 11 Injury – 5 Property)

Comments:
This is a signalized intersection with traffic volumes ranging from 58,800 vehicles per day on the west leg and 42,800 vehicles on the east leg. The north leg of Jeronimo traffic averages 17,800 vehicles and the south leg averages 17,300 vehicles. There is a pattern of five (5) broadside collisions occurring from different directions at the intersection due to red light violations. Suggest enforcement. Monitor. There is a pattern of four (4) collisions in the east-west direction based on unsafe speeding. Suggest speed radar trailer and spot police enforcement. Monitor. Various random other collisions without patterns.
### ALICIA PKWY & JERONIMO RD (2017-2019) COLLISION HISTORY REVIEW

*Attachment 7*

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Mitigation Measures
Attachment 8

ROUTINE ITEMS CONDUCTED:

1. Check signal timing - yellow change interval and red clearance interval timing.
2. Maintenance of Safety Light Illumination & Signal Light Indications
3. Maintain Speed Limit Signs, Traffic Signal Ahead Signs & Pavement Markings
4. Continue to monitor and review reported collision history
5. Recommend Spot Police Enforcement for speeding and red-light running violations
6. Deploy speed radar trailers
7. Administer DUI Checkpoints

FUTURE ACTION ITEMS TO CONSIDER:

1. Continue to monitor and review reported collision history narratives
2. Recommend Spot Police Enforcement for speeding and red-light running violations
3. Deploy speed radar trailers
4. Administer DUI Checkpoints
5. Consider speed feedback signs