



# Town of Yucca Valley Local Road Safety Plan Advisory Committee Meeting

# Advisory Committee Members:

## Safety Partners

- SB County Fire Department
- Caltrans
- CA Highway Patrol
- Morongo Unified School District
- SB County Sheriff (Town PD)

## City Project Staff

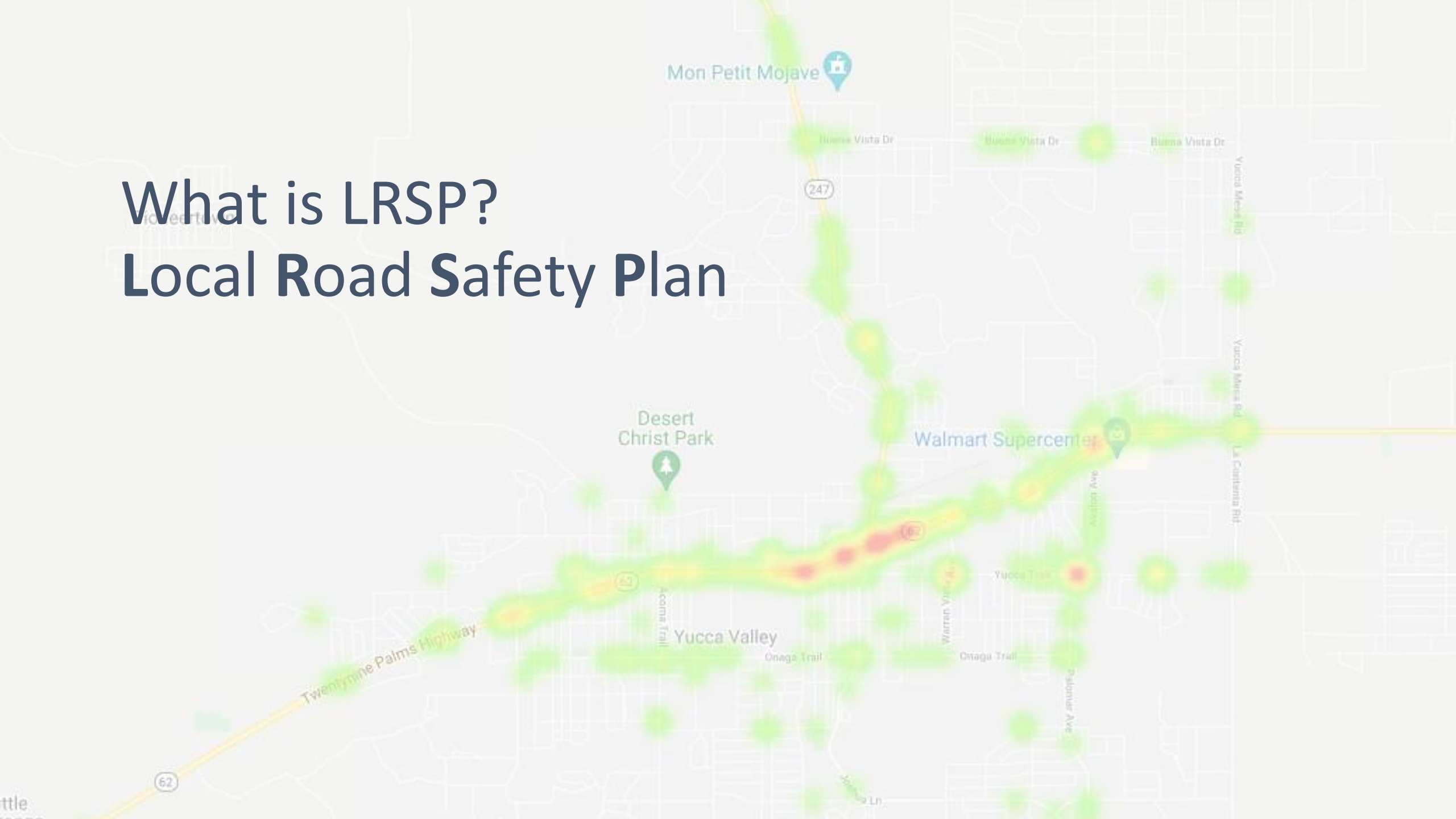
- Armando Baldizzone - Director of Public Works
- Susanna Straw - Project Engineer

## ADVANTEC Project Team

- Jose Guedes - Project Manager
- Lawrence Tai - Project Engineer



# What is LRSP? Local Road Safety Plan



# Expectations For This Meeting

- **Understand what LRSP is and what it is for**
- **The Roles of the Advisory Committee Members**
- **Process of the Preparation of the LRSP**
- **Preliminary Analysis Results**

# Caltrans Established LRSP Grant Program in 2019

- All Cities and Counties are eligible to apply – first come first serve
- First Round – Maximum amount of \$72k grant funds with 10% local match
- Town Application submitted in Dec 2019
- LRSP Grant Award Spring 2020
- Town received \$72,000 of state grant
- As of September 14, 2021, Caltrans has provided LRSP grants to 271 cities and counties. That is just over half of about 540 local agencies (58 counties and 482 cities)

# “What is Local Road Safety Plan?”

According to the Caltrans LRSP website, the LRSP is to:

- Create a framework to systematically identify and analyze safety problems and recommend safety improvements.
- Facilitate the development of local agency partnerships and collaboration.
- Generate a prioritized list of improvements and actions that can demonstrate a defined need and contribute to the statewide plan.
- Provide a proactive approach to addressing safety needs and demonstrates agency responsiveness to safety challenges.
- Reduce traffic fatalities and injuries.
- Support the State Highway Safety Plan.

# “Why Local Road Safety Plan?”

- Increase Awareness
- Identify Stakeholders
- Form Partnerships
- Determine Problem Areas
- Generate Solutions
- Implement Safety Improvements

# Roles of Committee Members

1. Agencies representing the 4 E's
2. Advisory Committee Members to provide input
3. Participation by Committee Members for the duration of the project . Project schedule – starting July, ending January 2022. Final LRSP submittal to Caltrans for approval.
4. Anticipate two presentations to Advisory Committee



# Vision and Goals



# **An Example of a Vision Statement**

“Advance traffic safety for Town residents and visitors alike by reducing traffic fatalities and injuries through proactive implementation of safety improvements.”

**Where does Yucca Valley stand in  
CA with regards to roadway safety?**

# California OTS ranking for Yucca Valley

Agency	Year	County	Group	Population (Avg)	DVMT
Yucca Valley	2017	SAN BERNARDINO COUNTY	E	21905	208355

TYPE OF CRASH	VICTIMS KILLED & INJURED	OTS RANKING
Total Fatal and Injury	52	62/101
Alcohol Involved	8	35/101
Had Been Drinking Driver < 21	0	94/101
Had Been Drinking Driver 21 - 34	3	23/101
Motorcycles	7	14/101
Pedestrians	4	70/101
Pedestrians < 15	0	90/101
Pedestrians 65+	0	95/101
Bicyclists	0	100/101
Bicyclists < 15	0	94/101
Composite	26	62/101

TYPE OF CRASH	FATAL & INJURY CRASHES	OTS RANKING
Speed Related	6	74/101
Nighttime (9:00pm - 2:59am)	6	38/101
Hit and Run	3	56/101

TYPE OF ARRESTS	ARRESTS	OTS RANKING*
DUI Arrests	41	37/94

# LOCAL ROAD SAFETY PLANS:

Your Map to Safer Roadways

No matter what your resources, a Local Road Safety Plan will guide you to data-driven solutions and safer roads.

[https://safety.fhwa.dot.gov/provencountermeasures/local\\_road/](https://safety.fhwa.dot.gov/provencountermeasures/local_road/)

Process of preparing the LRSP:



# Benefits of a LRSP

- Provide a proactive approach to identify problem locations for traffic safety
- Serve as a blueprint to implement safety improvements
- Enable the Town to apply for safety improvement grants (such as HSIP and OTS traffic safety grants)
- Serve as a living document

# Technical Analysis – Preliminary Findings



## Sources of Collision Data

- Town Collision Database
- Statewide Integrated Traffic Records System (SWITRS)
- Transportation Injury Mapping System (TIMS)

## Methodology

## Selected Intersections

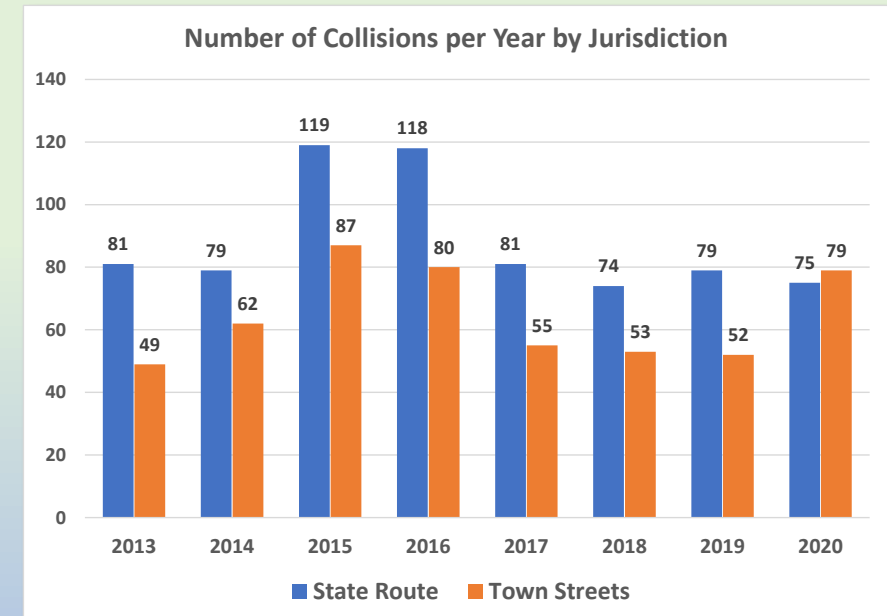
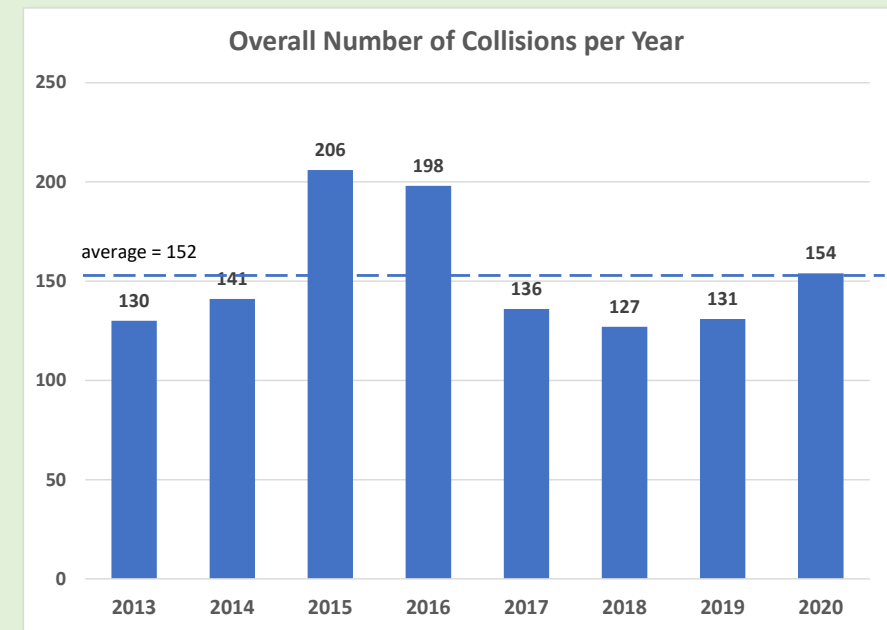
# Town Collision Database

Dates: 2013 to 2020

Total Collisions: 1,223

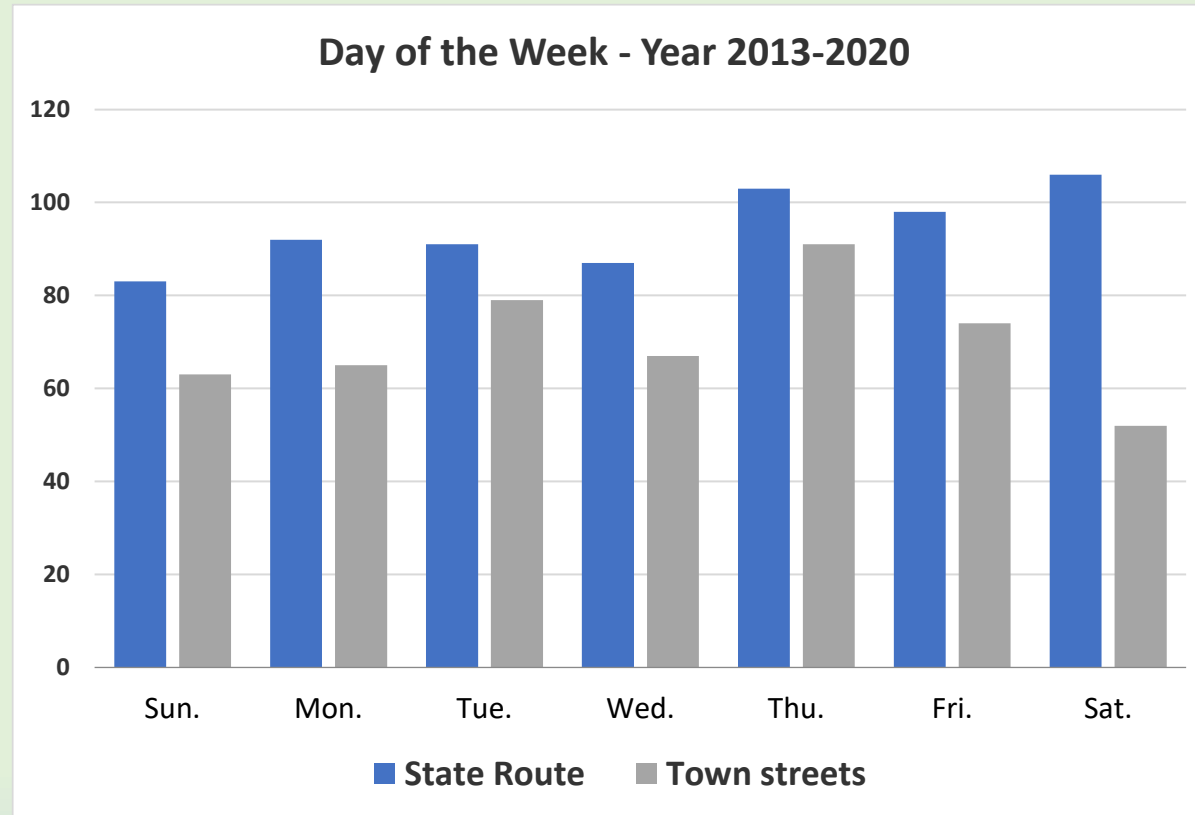
Location	At Major Intersection	Between Major Intersections	Quadrant	Total	%
State Route	638	68	-	706	58%
Town Streets	159	-	358	517	42%
<b>Total</b>	<b>797</b>	<b>68</b>	<b>358</b>	<b>1223</b>	<b>100%</b>

Jurisdiction	Fatal Collisions		Injury Collisions		Non-injury	Total
	Number of collisions	Number Killed	Number of collisions	Number Injured	Number of collisions	Number of Collisions
State Routes	8	8	157	194	541	706
Town streets	6	7	108	140	403	517
<b>Total</b>	<b>14</b>	<b>15</b>	<b>265</b>	<b>334</b>	<b>944</b>	<b>1223</b>
Percentage	1%	-	22%	-	77%	100%





# Town Collision Database



Jurisdiction	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Total
State Route	83	92	91	87	103	98	106	660
Town streets	63	65	79	67	91	74	52	491
<b>Total</b>	<b>146</b>	<b>157</b>	<b>170</b>	<b>154</b>	<b>194</b>	<b>172</b>	<b>158</b>	<b>1151</b>
Percentages	12.7%	13.6%	14.8%	13.4%	16.9%	14.9%	13.7%	100%

# SWITRS Data

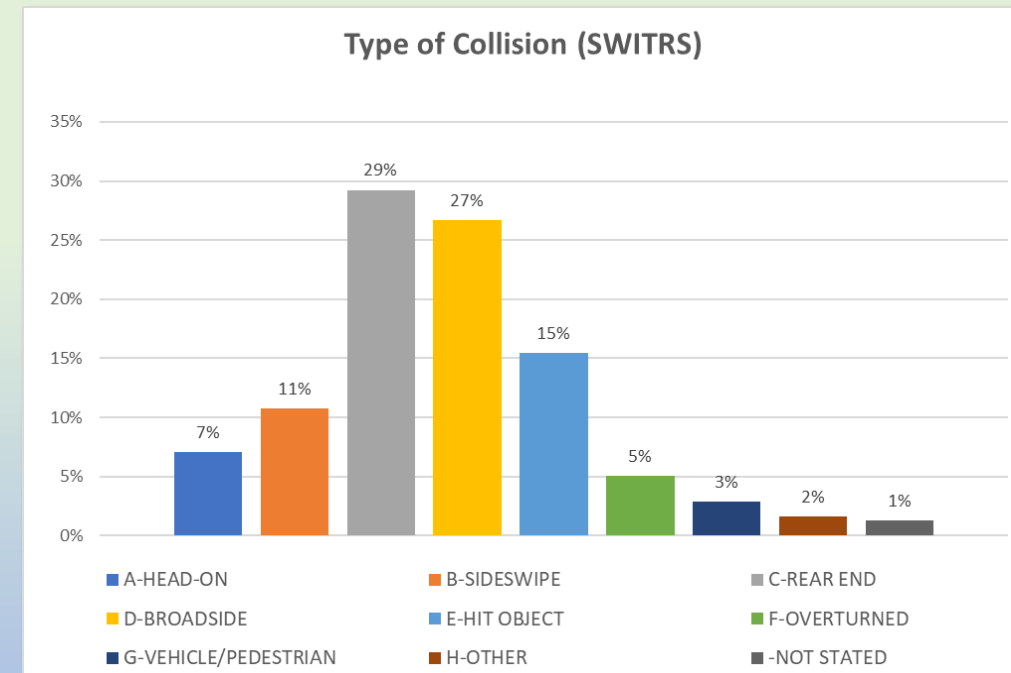
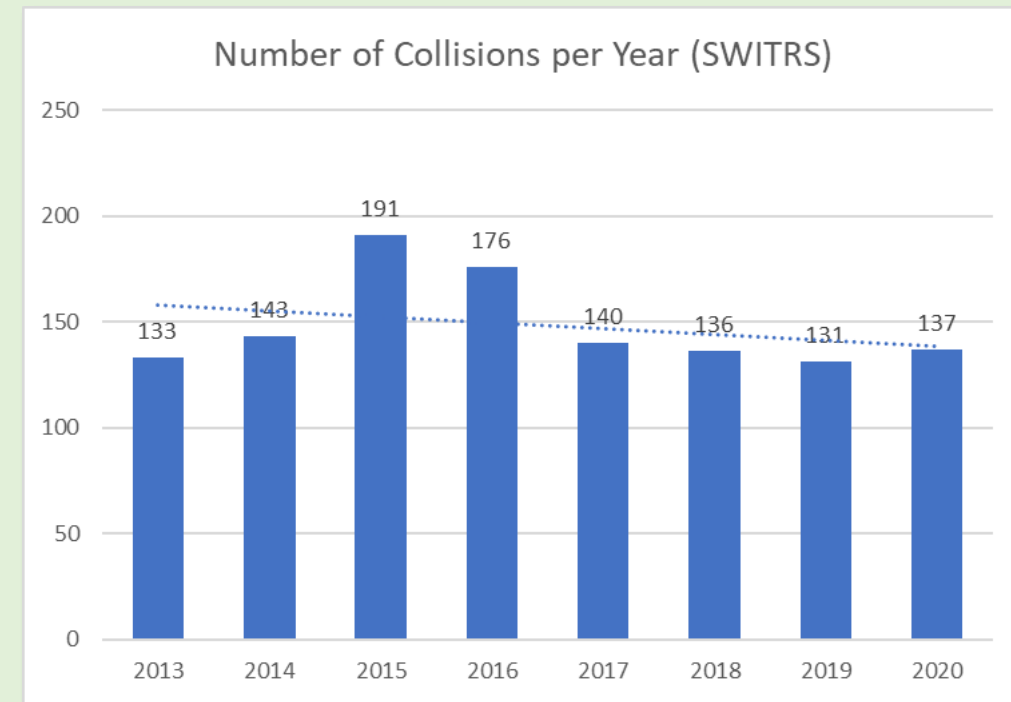
Dates: 2013 to 2020

Total Collisions: 1,179

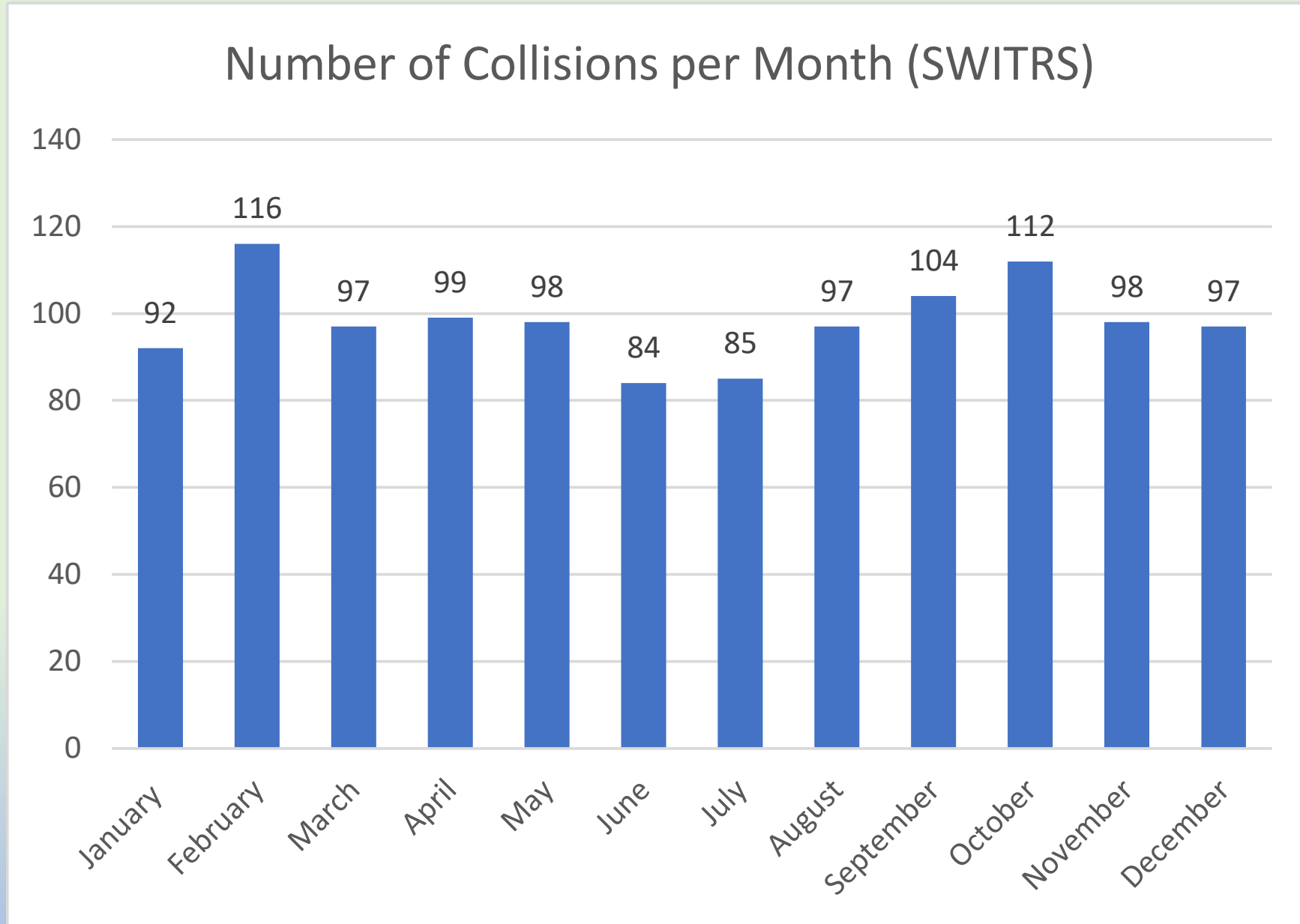
Number Injured: 464

Number Killed: 27

Data Source	Number killed	Number Injured	Non-Injury Collisions	Total Collisions
Town	15	334	944	1223
SWITRS	27	464	816	1179



# SWITRS – Seasonal Variations



# TIMS Data

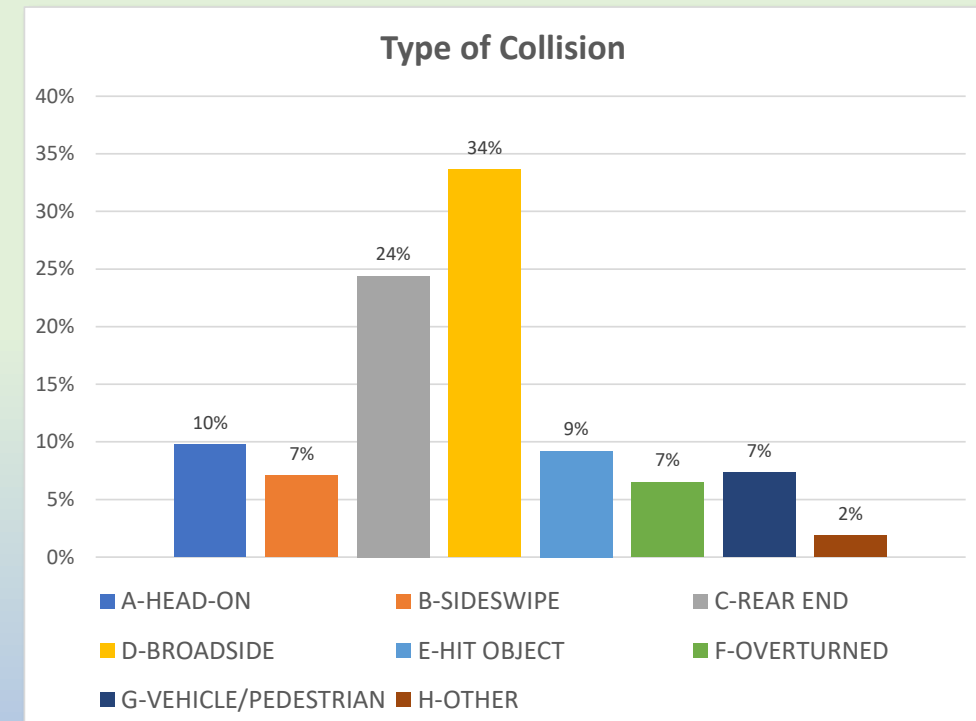
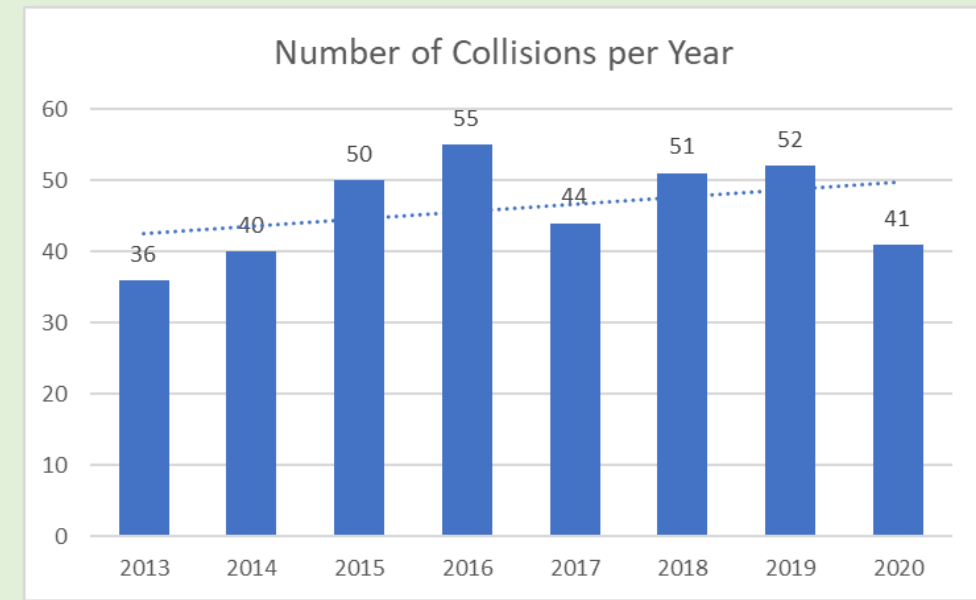
Dates: 2013 to 2020

Total Collisions: 369 (w/injury)

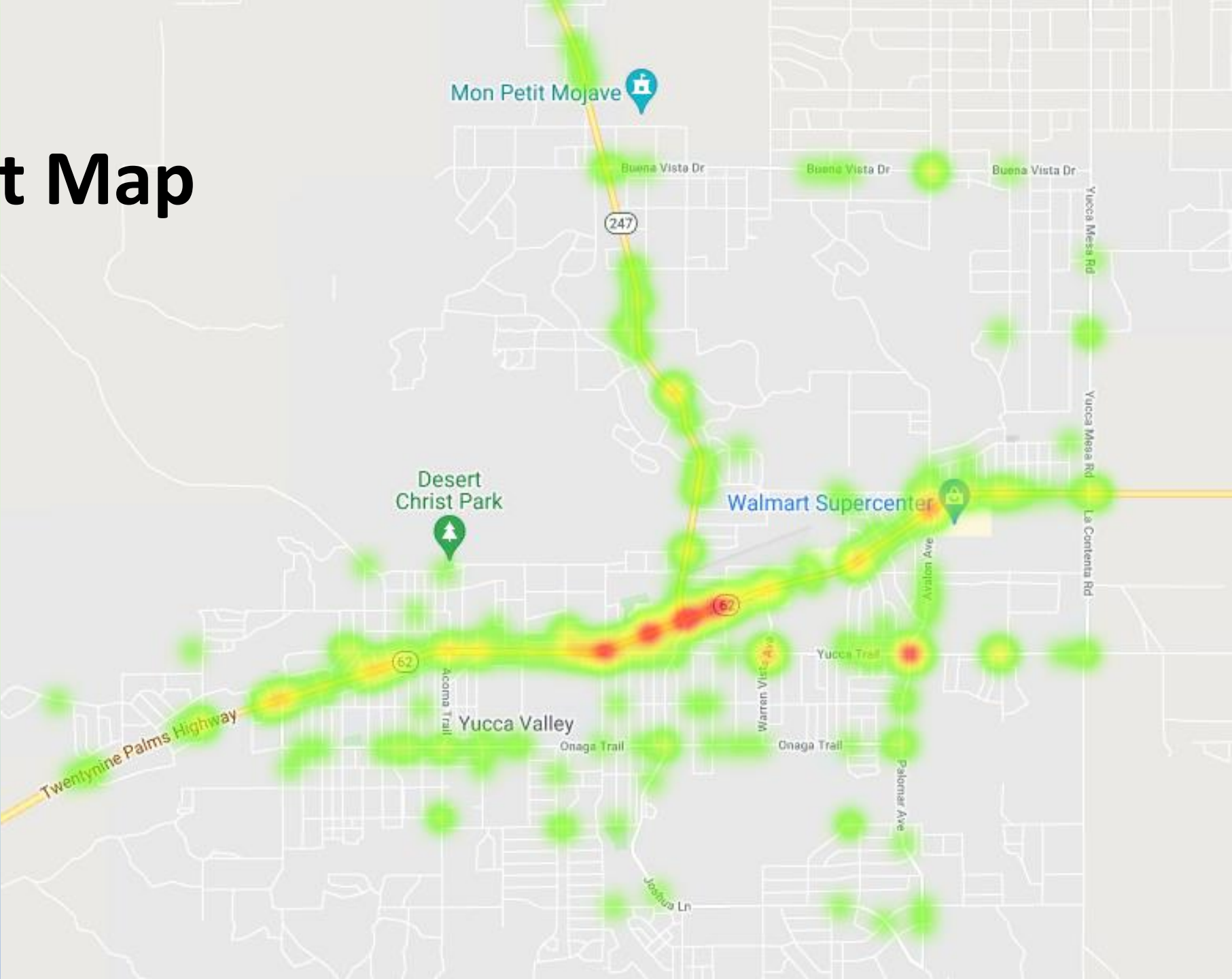
Number Injured: 472

Number Killed: 27

Data Source	Number killed	Number Injured	Non-Injury collisions
Town	15	334	944
SWITRS	27	464	816
TIMS	27	472	-



# TIMS Collision Heat Map



# Analysis Methodology

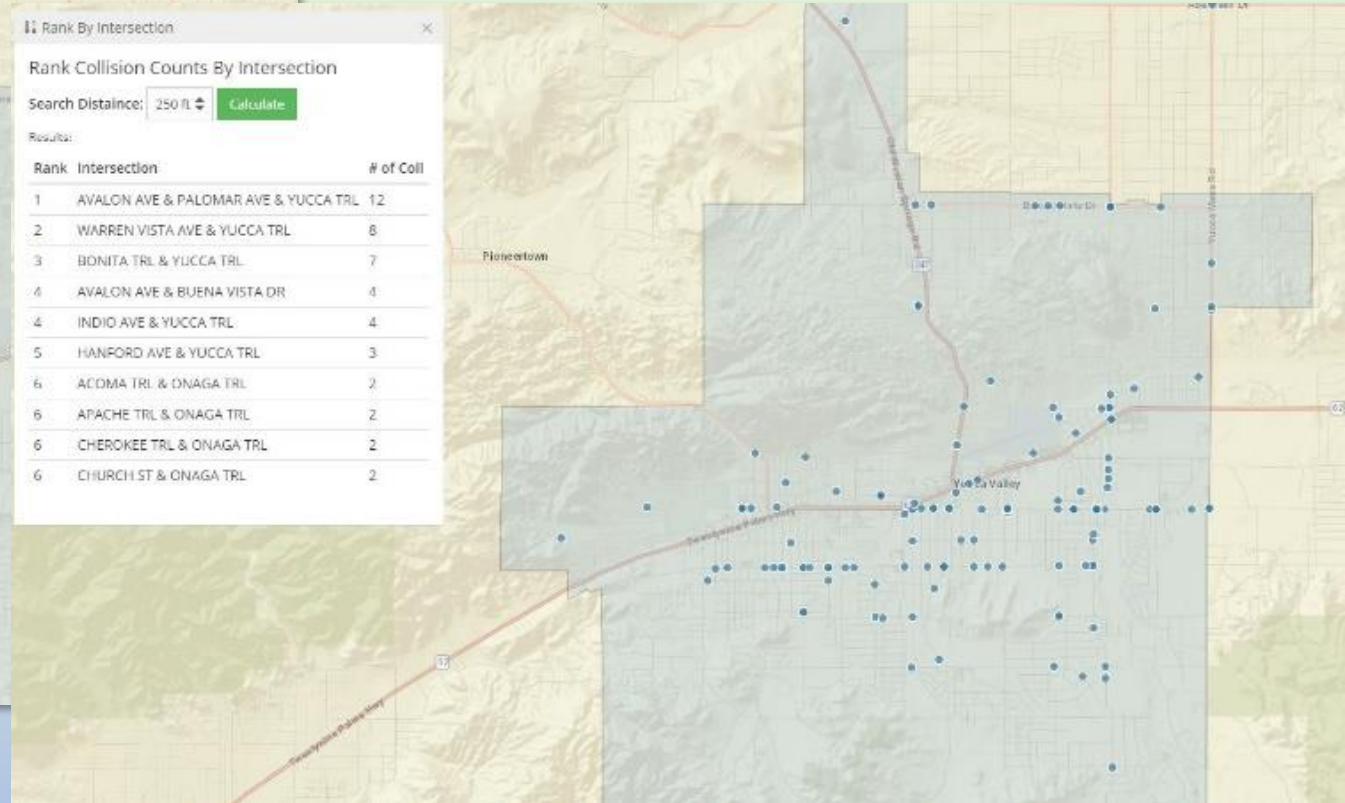
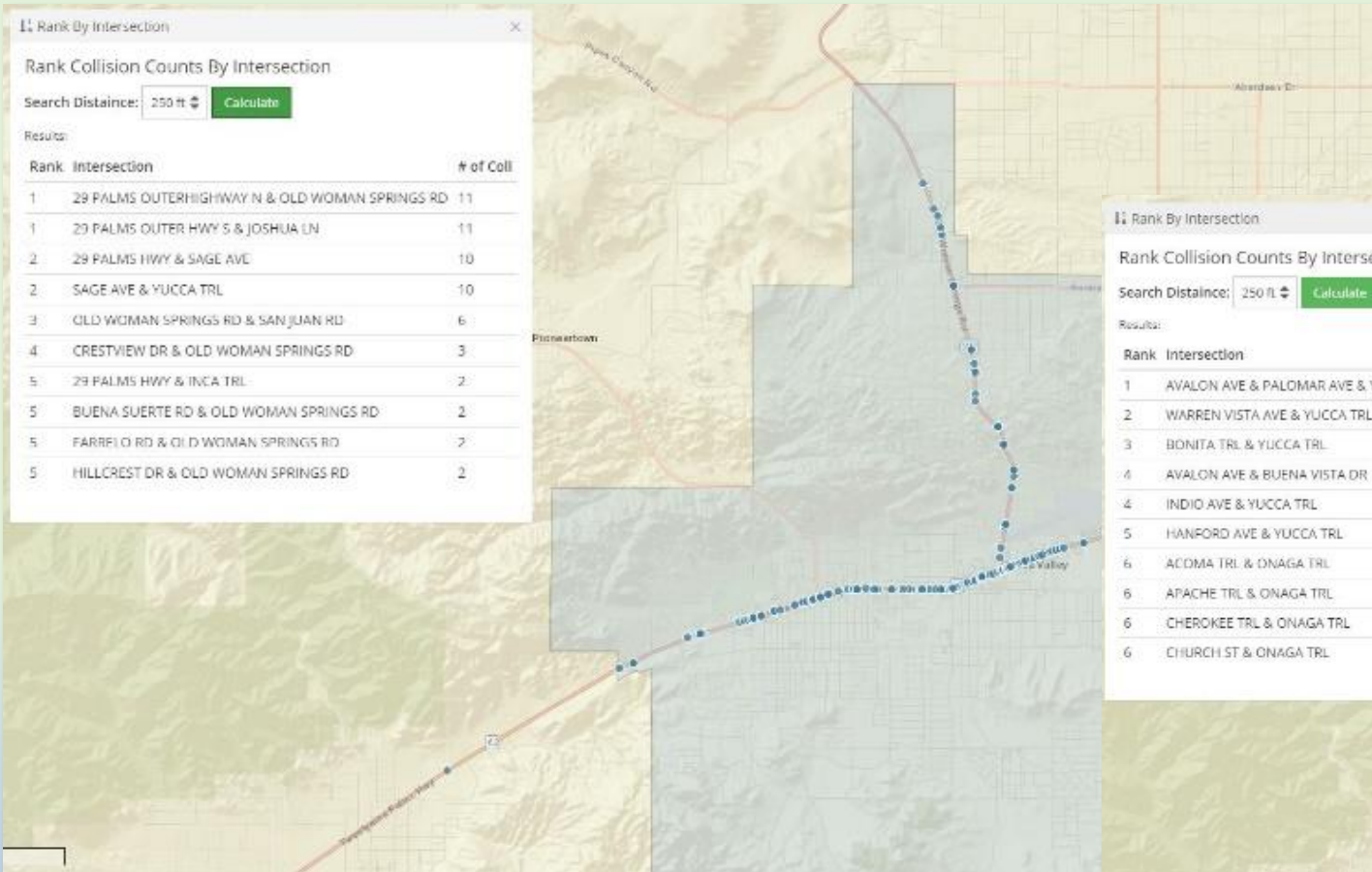
- Equivalent Property Damage Only (EPDO)

Severity	Location Type	Crash Cost *	EPDO Weighting Factor
Fatal + Severe	Signalized Int.	\$1,590,000	120
	Non-Signalized Int.	\$2,530,000	190
Other visible	All	\$142,300	11
Complaint of Pain	All	\$80,900	6
Property Damage Only	All	\$13,300	1

\* Based on Table 7-1, Highway Safety Manual (HSM), First Edition, 2010. Adjusted to 2020 Dollars.

# TIMS Database

1. Rank Intersections by number of collisions (within 250 ft) for State Routes and Town streets



# SWITRS Database

## 2. Identify All Collisions (Injury + PDO) for selected intersections

INTERSECTIONS	PDO	FATAL	SEVERE	INJURY VISIBLE	COMPLAINT OF PAIN	Total	
RT 62-RT 247	34	1	1	2	10	48	
RT 62-SAGE AV	33	1	0	2	10	46	
RT 62-INCA TRL	9	0	0	1	1	11	
RT 247-CREST VIEW	2	0	0	2	0	4	
RT 247-BUENA SUERTE RD	3	0	0	0	2	5	
RT 247-HILLCREST DR	0	0	0	2	0	2	
RT 247-FARELLO RD	1	0	1	0	0	2	
RT 247-SAN JUAN	5	0	0	0	2	7	
YUCCA TRL-SAGE AV	9	0	0	0	0	9	
AVALON AV-BUENA VISTA DR	4	0	0	2	2	8	
AVALON AV-YUCCA TRL-PALOMA AV	16	0	0	2	10	28	
YUCCA TER-WARREN VISTA	11	1	1	5	1	19	
YUCCA TR-BONITA TR	1	0	0	0	0	1	
YUCCA TR-INDIO AV	2	0	0	3	1	6	
YUCCA TR-HANFORD AV	3	0	0	1	2	6	
ONAGA TR-ACOMA TR	1	0	0	1	1	3	
ONAGA TRL-CHEROKEE TRL	2	0	0	1	1	4	
ONAGA TRL-CHURCH AV	3	1	0	1	0	5	
Total	State Hwy	87	2	2	9	25	125
	Town streets	52	2	1	16	18	89



# EPDO Calculation

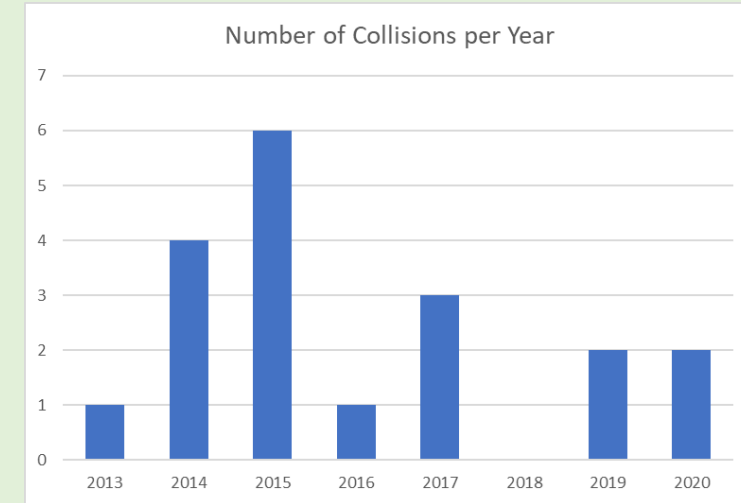
## 3. Calculate EPDO index and Rank intersections

Highest Collision Intersections		SIGNALIZED	PDO	FATAL	SEVERE	INJURY VISIBLE	COMPLAINT OF PAIN	EPDO Total
1	YUCCA TRL-WARREN VISTA	NO	11	190	190	55	6	453
2	RT 62 - RT 247	YES	23	120	120	11	49	322
3	RT 62 - SAGE AV	YES	33	120	0	22	61	235
4	ONAGA TRL-CHURCH AV	NO	3	190	0	11	0	204
5	RT 247-FARELLO RD	NO	1	0	190	0	0	191
6	AVALON AV-YUCCA TRL-PALOMAR AV	YES	16	0	0	22	61	99
7	YUCCA TR-INDIO AV	NO	2	0	0	33	6	41
8	AVALON AV-BUENA VISTA DR	NO	4	0	0	22	12	38
9	RT 62-INCA TRL	YES	9	0	0	11	6	26
9	YUCCA TR-HANFORD AV	NO	3	0	0	11	12	26
10	RT 247-CREST VIEW	NO	2	0	0	22	0	24
11	RT 247-HILLCREST DR	NO	0	0	0	22	0	22
12	ONAGA TRL-CHEROKEE TRL	NO	2	0	0	11	6	19
13	ONAGA TR-ACOMA TR	NO	1	0	0	11	6	18
14	RT 247-SAN JUAN	NO	5	0	0	0	12	17
15	RT 247-BUENA SUERTE RD	NO	3	0	0	0	12	15
16	YUCCA TRL-SAGE AV	NO	9	0	0	0	0	9
17	YUCCA TR-BONITA TR	NO	1	0	0	0	0	1

# Yucca Trail & Warren Vista Avenue

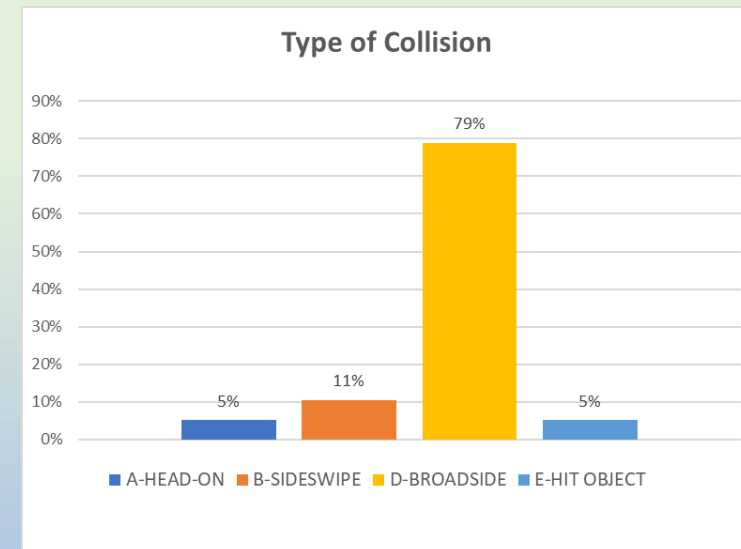


Collision Severity	
PDO	11
FATAL	1
SEVERE	1
INJURY VISIBLE	5
COMPLAINT OF PAIN	1
<b>TOTAL</b>	<b>19</b>



Motorcycle Accident =1  
Truck Accident=3

Number Killed=2  
Number Injured=11



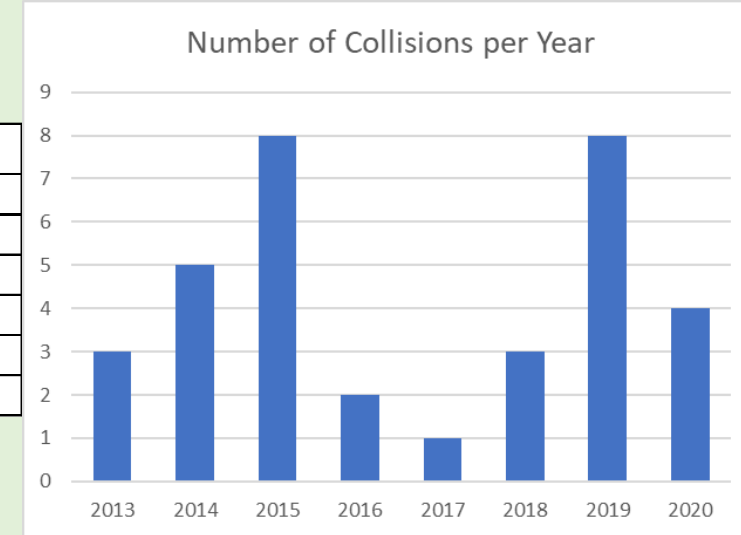
# Yucca Trail & Warren Vista Avenue

Case_ID	Primary Road	Distance	Direction	Secondary Road	Date	Time	Primary Collision Factor	Collision Type	Severity	Lighting
6126694	YUCCA TRL	0		WARREN VISTA AV	20130413	2104	AUTOMOBILE ROW	BROADSIDE	PDO	DARKw/STREET LIGHTS
6291040	YUCCA TRL	0		WARREN VISTA AV	20140206	1308	AUTOMOBILE ROW	BROADSIDE	FATAL	DAYLIGHT
6420815	YUCCA TRL	0		WARREN VISTA AV	20140114	1617	WRONG SIDE OF ROAD	BROADSIDE	INJURY VISIBLE	DAYLIGHT
6494334	YUCCA TRL	16 (ft)	N	WARREN VISTA AV	20140501	1817	AUTOMOBILE ROW	BROADSIDE	INJURY VISIBLE	DUSK/DAWN
6805868	YUCCA TRL	0		WARREN VISTA AV	20141125	1244	AUTOMOBILE ROW	BROADSIDE	PDO	DAYLIGHT
6950031	YUCCA TRL	0		WARREN VISTA AV	20150421	900	AUTOMOBILE ROW	BROADSIDE	PDO	DAYLIGHT
6957117	YUCCA TRL	0		WARREN VISTA AV	20150415	925	AUTOMOBILE ROW	BROADSIDE	SEVERE	DAYLIGHT
6984338	YUCCA TRL	0		WARREN VISTA AV	20150531	1907	AUTOMOBILE ROW	BROADSIDE	INJURY VISIBLE	DAYLIGHT
7027167	YUCCA TRL	0		WARREN VISTA AV	20150721	1216	AUTOMOBILE ROW	BROADSIDE	PDO	DAYLIGHT
7027384	YUCCA TRL	0		WARREN VISTA AV	20150721	1556	TRAFFIC SIGNAL & SIGNS	BROADSIDE	COMPLAINT OF PAIN	DAYLIGHT
7108324	YUCCA TRL	0		WARREN VISTA AV	20150914	1316	IMPROPER TURNING	HIT OBJECT	PDO	DAYLIGHT
8123968	YUCCA TRL	0		WARREN VISTA AV	20160724	1236	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DAYLIGHT
8397764	YUCCA TRL	0		WARREN VISTA AV	20170412	1140	TRAFFIC SIGNAL & SIGNS	HEAD-On	PDO	DAYLIGHT
8397792	YUCCA TRL	0		WARREN VISTA AV	20170222	1842	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DARKw/STREET LIGHTS
8437219	YUCCA TRL	0		WARREN VISTA AV	20170806	1059	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DAYLIGHT
8829438	YUCCA TRL	180 (ft)	S	WARREN VISTA AV	20190226	853	IMPROPER PASSING	SIDESWIPE	INJURY VISIBLE	DAYLIGHT
8831107	YUCCA TRL	0		WARREN VISTA AV	20190223	1622	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DAYLIGHT
9161343	YUCCA TRL	0		WARREN VISTA AV	20200902	1650	AUTOMOBILE ROW	BROADSIDE	PDO	DAYLIGHT
9189405	YUCCA TRL	0		WARREN VISTA AV	20200913	1247	TRAFFIC SIGNAL & SIGNS	SIDESWIPE	INJURY VISIBLE	DAYLIGHT

# CA-62 & CA-247

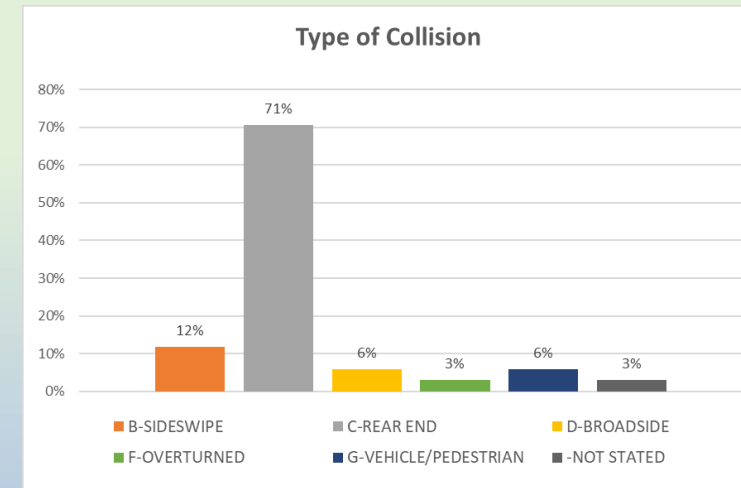


Collision Severity	
PDO	23
FATAL	1
SEVERE	1
INJURY VISIBLE	1
COMPLAINT OF PAIN	8
<b>TOTAL</b>	<b>34</b>



Pedestrian Accident=1  
 Bicycle Accident=1  
 Motorcycle Accident =2  
 Truck Accident=2

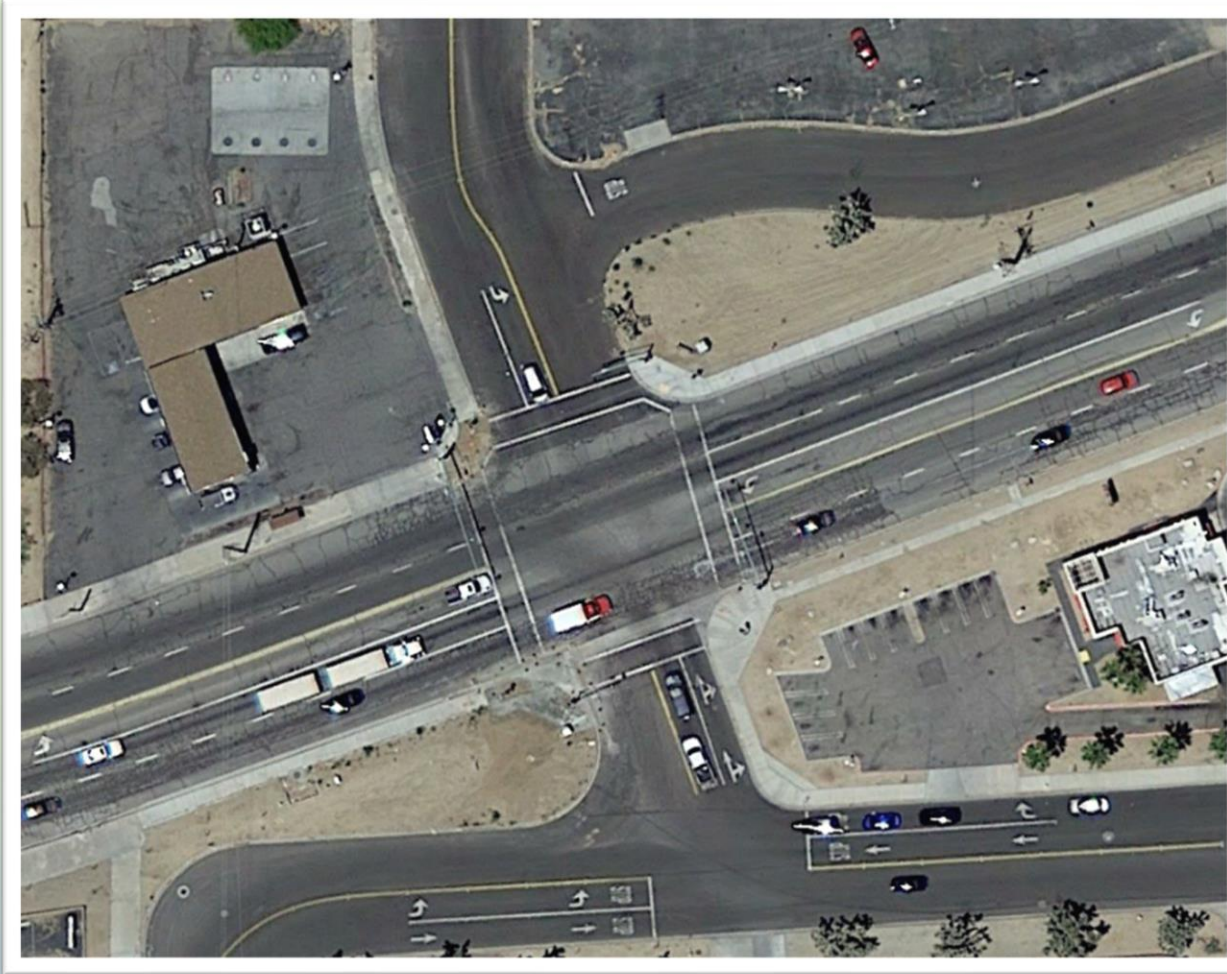
Number Killed=1  
 Number Injured=13



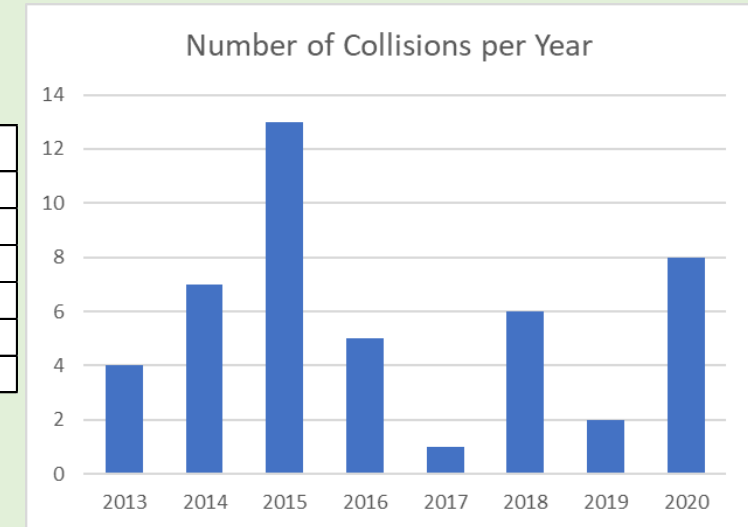
# CA-62 & CA-247

Case_ID	Primary Road	Distance	Direction	Secondary Road	Date	Time	Primary Collision Factor	Collision Type	Severity	Lighting
6127251	RT 62	0		RT 247	20130426	733	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DAYLIGHT
6179617	RT 62	100 (ft)	E	RT 247	20130715	1005	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
6257564	RT 62	0		RT 247	20130928	1947	FOLLOWING TOO CLOSELY	REAR END	PDO	DARKw/STREET LIGHTS
6424433	RT 62	0		RT 247	20140223	1143	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
6546782	RT 62	0		RT 247	20140510	915	UNSAFE LANE CHANGE	SIDESWIPE	PDO	DAYLIGHT
6698862	RT 62	0		RT 247	20141022	1504	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
6705049	RT 62	83 (ft)	N	RT 247	20141014	1142	UNSAFE SPEED	OVERTURNED	COMPLAINT OF PAIN	DAYLIGHT
6751341	RT 62	0		RT 247	20141029	1752	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
6830858	RT 62	70 (ft)	E	RT 247	20150209	1223	IMPROPER PASSING	SIDESWIPE	PDO	DAYLIGHT
6870326	RT 62	0		RT 247	20150328	1656	FOLLOWING TOO CLOSELY	REAR END	INJURY VISIBLE	DAYLIGHT
6958610	RT 62	0		RT 247	20150522	1032	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
7025056	RT 62	0		RT 247	20150629	1603	FOLLOWING TOO CLOSELY	REAR END	PDO	DAYLIGHT
7125437	RT 62	0		RT 247	20151017	1040	FOLLOWING TOO CLOSELY	REAR END	PDO	DAYLIGHT
7139069	RT 62	134 (ft)	E	RT 247	20151115	1816	UNSAFE SPEED	REAR END	PDO	DARKw/STREET LIGHTS
7139472	RT 62	0		RT 247	20151128	1840	IMPROPER TURNING	BROADSIDE	COMPLAINT OF PAIN	DARKw/STREET LIGHTS
7184870	RT 62	0		RT 247	20151213	1743	FOLLOWING TOO CLOSELY	REAR END	PDO	DARKw/STREET LIGHTS
8137807	RT 62	0		RT 247	20160902	1349	FOLLOWING TOO CLOSELY	REAR END	PDO	DAYLIGHT
8194768	RT 62	0		RT 247	20161219	1707	DRIVING UNDER THE INFLUENCE	NOT STATED	PDO	DARKw/STREET LIGHTS
8554052	RT 62	0		RT 247	20171119	1711	UNSAFE SPEED	REAR END	COMPLAINT OF PAIN	DUSK/DAWN
8557776	RT 62	210 (ft)	E	RT 247	20180202	1619	UNSAFE SPEED	REAR END	COMPLAINT OF PAIN	DAYLIGHT
8700592	RT 62	0		RT 247	20180525	1816	UNSAFE SPEED	REAR END	COMPLAINT OF PAIN	DAYLIGHT
8700784	RT 62	157 (ft)	E	RT 247	20180503	703	FOLLOWING TOO CLOSELY	REAR END	COMPLAINT OF PAIN	DAYLIGHT
8837925	RT 62	0		RT 247	20190325	753	IMPROPER TURNING	SIDESWIPE	PDO	DAYLIGHT
8843170	RT 62	0		RT 247	20190210	16	DRIVING UNDER THE INFLUENCE	REAR END	PDO	DARKw/STREET LIGHTS
8843211	RT 62	0		RT 247	20190309	1055	AUTOMOBILE ROW	SIDESWIPE	COMPLAINT OF PAIN	DAYLIGHT
8938902	RT 62	0		RT 247	20190725	1547	FOLLOWING TOO CLOSELY	REAR END	PDO	DAYLIGHT
8939168	RT 62	51 (ft)	E	RT 247	20190611	2159	PED VIOLATION	VEHICLE/PEDESTRIAN	FATAL	DARKw/STREET LIGHTS
8984436	RT 62	0		RT 247	20190610	1306	OTHER HAZARDOUS VIOLATION	VEHICLE/PEDESTRIAN	COMPLAINT OF PAIN	DAYLIGHT
9005836	RT 62	0		RT 247	20191018	1603	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
9005840	RT 62	0		RT 247	20190908	1119	DRIVING UNDER THE INFLUENCE	REAR END	SEVERE	DAYLIGHT
9190874	RT 62	0		RT 247	20201113	1305	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
9192221	RT 62	54 (ft)	E	RT 247	20201107	1144	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
9198926	RT 62	0		RT 247	20201203	1237	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
9198937	RT 62	132 (ft)	W	RT 247	20201110	828	UNSAFE SPEED	REAR END	PDO	DAYLIGHT

# RT 62 & Sage Avenue

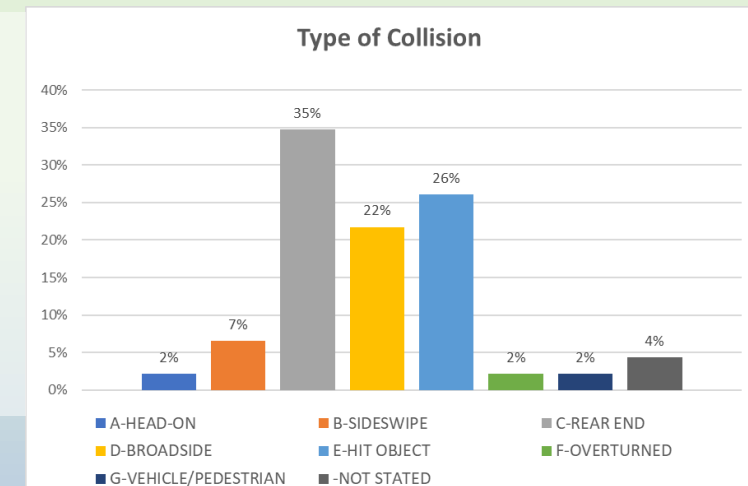


Collision Severity	
PDO	33
FATAL	1
SEVERE	0
INJURY VISIBLE	2
COMPLAINT OF PAIN	10
<b>TOTAL</b>	<b>46</b>



Pedestrian Accident=1  
 Motorcycle Accident =3  
 Truck Accident=1

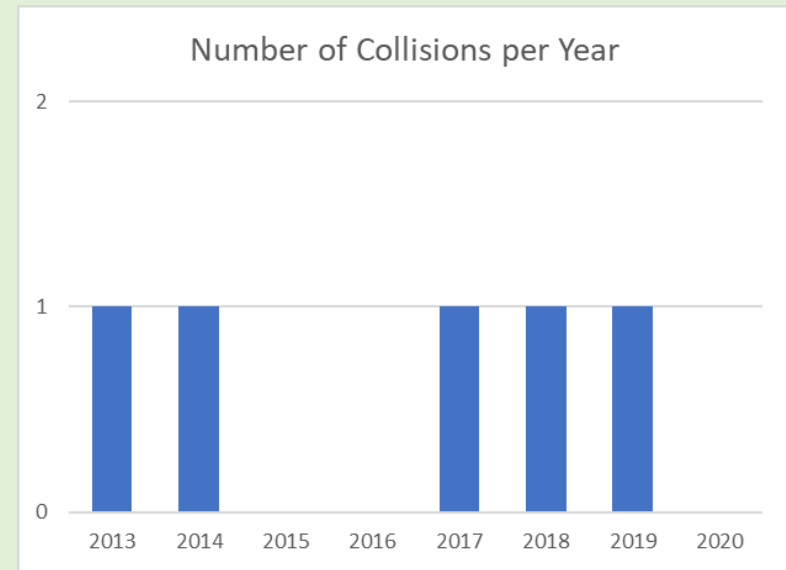
Number Killed=1  
 Number Injured=15



# RT 62 & Sage Ave

Case_ID	Primary Road	Distance	Direction	Secondary Road	Date	Time	Primary Collision Factor	Collision Type	Severity	Lighting
5972193	RT 62	0		SAGE AV	20131004	1132	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DAYLIGHT
5972201	RT 62	0		SAGE AV	20130112	1648	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DAYLIGHT
6054098	RT 62	42 (ft)	W	SAGE AV	20130321	1754	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
6257823	RT 62	18 (ft)	W	SAGE AV	20131006	537	NOT STATED	HIT OBJECT	PDO	DARKw/STREET LIGHTS
6510878	RT 62	0		SAGE AV	20140425	1648	UNSAFE SPEED	REAR END	PDO	DUSK/DAWN
6591026	RT 62	52 (ft)	W	SAGE AV	20140629	1826	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
6593363	RT 62	18 (ft)	N	SAGE AV	20140709	1539	UNSAFE SPEED	REAR END	COMPLAINT OF PAIN	DAYLIGHT
6703883	RT 62	0		SAGE AV	20140927	534	IMPROPER TURNING	HIT OBJECT	PDO	DUSK/DAWN
6720270	RT 62	0		SAGE AV	20140822	1147	TRAFFIC SIGNAL & SIGNS	BROADSIDE	INJURY VISIBLE	DAYLIGHT
6764336	RT 62	0		SAGE AV	20141113	1511	NOT STATED	REAR END	PDO	DAYLIGHT
6768472	RT 62	0		SAGE AV	20141126	2500	OTHER THAN DRIVER OR PED	NOT STATED	PDO	DARKw/STREET LIGHTS
6830505	RT 62	0		SAGE AV	20150115	837	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
6830822	RT 62	0	N	SAGE AV	20150201	622	UNSAFE SPEED	HIT OBJECT	PDO	DARK no ST LIGHTS
6871556	RT 62	200 (ft)	W	SAGE AV	20150324	308	UNSAFE SPEED	HIT OBJECT	COMPLAINT OF PAIN	DARKw/STREET LIGHTS
6949923	RT 62	12 (ft)	E	SAGE AV	20150425	1747	UNSAFE SPEED	REAR END	PDO	DUSK/DAWN
6949951	RT 62	0		SAGE AV	20150430	2118	TRAFFIC SIGNAL & SIGNS	NOT STATED	PDO	DARKw/STREET LIGHTS
6982245	RT 62	201 (ft)	W	SAGE AV	20150618	248	UNSAFE SPEED	HIT OBJECT	PDO	DARKw/STREET LIGHTS
7034378	RT 62	0		SAGE AV	20150709	347	IMPROPER TURNING	HIT OBJECT	PDO	DARKw/STREET LIGHTS
7042446	RT 62	0		SAGE AV	20150803	2041	WRONG SIDE OF ROAD	HIT OBJECT	PDO	DARKw/STREET LIGHTS
7080267	RT 62	216 (ft)	W	SAGE AV	20150903	120	UNSAFE SPEED	HIT OBJECT	COMPLAINT OF PAIN	DARKw/STREET LIGHTS
7080787	RT 62	0		SAGE AV	20150806	205	IMPROPER TURNING	HIT OBJECT	PDO	DARKw/STREET LIGHTS
7108364	RT 62	0		SAGE AV	20150928	555	UNSAFE LANE CHANGE	BROADSIDE	PDO	DUSK/DAWN
7184621	RT 62	0		SAGE AV	20151231	1700	TRAFFIC SIGNAL & SIGNS	BROADSIDE	PDO	DARKw/STREET LIGHTS
7190446	RT 62	0		SAGE AV	20150918	333	DRIVING UNDER THE INFLUENCE	HIT OBJECT	FATAL	DARKw/STREET LIGHTS
8009012	RT 62	127 (ft)	W	SAGE AV	20160202	644	FOLLOWING TOO CLOSELY	REAR END	PDO	DAYLIGHT
8045046	RT 62	0		SAGE AV	20160423	649	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
8110475	RT 62	0		SAGE AV	20160705	708	TRAFFIC SIGNAL & SIGNS	BROADSIDE	COMPLAINT OF PAIN	DAYLIGHT
8137811	RT 62	0		SAGE AV	20160823	1451	UNKNOWN	BROADSIDE	PDO	DAYLIGHT
8138914	RT 62	135 (ft)	W	SAGE AV	20161003	959	IMPROPER TURNING	SIDESWIPE	PDO	DAYLIGHT
8450160	RT 62	0		SAGE AV	20170804	1133	PED ROW	VEHICLE/PEDESTRIAN	COMPLAINT OF PAIN	DAYLIGHT
8557906	RT 62	0		SAGE AV	20180313	1259	FOLLOWING TOO CLOSELY	REAR END	PDO	DAYLIGHT
8700604	RT 62	0		SAGE AV	20180502	714	UNSAFE SPEED	HIT OBJECT	PDO	DAYLIGHT
8727581	RT 62	20 (ft)	W	SAGE AV	20181121	2311	UNKNOWN	SIDESWIPE	PDO	DARKw/STREET LIGHTS
8727592	RT 62	0		SAGE AV	20181219	1339	UNSAFE SPEED	REAR END	COMPLAINT OF PAIN	DAYLIGHT
8756738	RT 62	25 (ft)	W	SAGE AV	20181031	718	UNSAFE SPEED	REAR END	COMPLAINT OF PAIN	DUSK/DAWN
8760119	RT 62	0		SAGE AV	20180908	1513	AUTOMOBILE ROW	BROADSIDE	COMPLAINT OF PAIN	DAYLIGHT
8794728	RT 62	0		SAGE AV	20190109	1640	TRAFFIC SIGNAL & SIGNS	BROADSIDE	INJURY VISIBLE	DAYLIGHT
8985372	RT 62	235 (ft)	W	SAGE AV	20191018	1603	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
9128405	RT 62	10 (ft)	E	SAGE AV	20200513	1216	IMPROPER TURNING	SIDESWIPE	PDO	DAYLIGHT
9188266	RT 62	0		SAGE AV	20200926	1730	AUTOMOBILE ROW	BROADSIDE	PDO	DAYLIGHT
9192575	RT 62	0		SAGE AV	20201203	1737	UNKNOWN	HIT OBJECT	PDO	DARKw/STREET LIGHTS
9192684	RT 62	90 (ft)	E	SAGE AV	20201022	1600	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
9198882	RT 62	0		SAGE AV	20201211	2133	AUTOMOBILE ROW	HEAD ON	COMPLAINT OF PAIN	DARKw/STREET LIGHTS
9198942	RT 62	0		SAGE AV	20201114	1106	FOLLOWING TOO CLOSELY	REAR END	COMPLAINT OF PAIN	DAYLIGHT
9198945	RT 62	0		SAGE AV	20201017	854	UNSAFE SPEED	REAR END	PDO	DAYLIGHT
9199615	RT 62	0		SAGE AV	20201031	317	IMPROPER TURNING	OVERTURNED	PDO	DARKw/STREET LIGHTS

# Onaga Trail & Church Street



Collision Severity	
PDO	3
FATAL	1
SEVERE	0
INJURY VISIBLE	1
COMPLAINT OF PAIN	0
<b>TOTAL</b>	<b>5</b>

Type of Collision	
BROADSIDE	60%
REAR END	40%

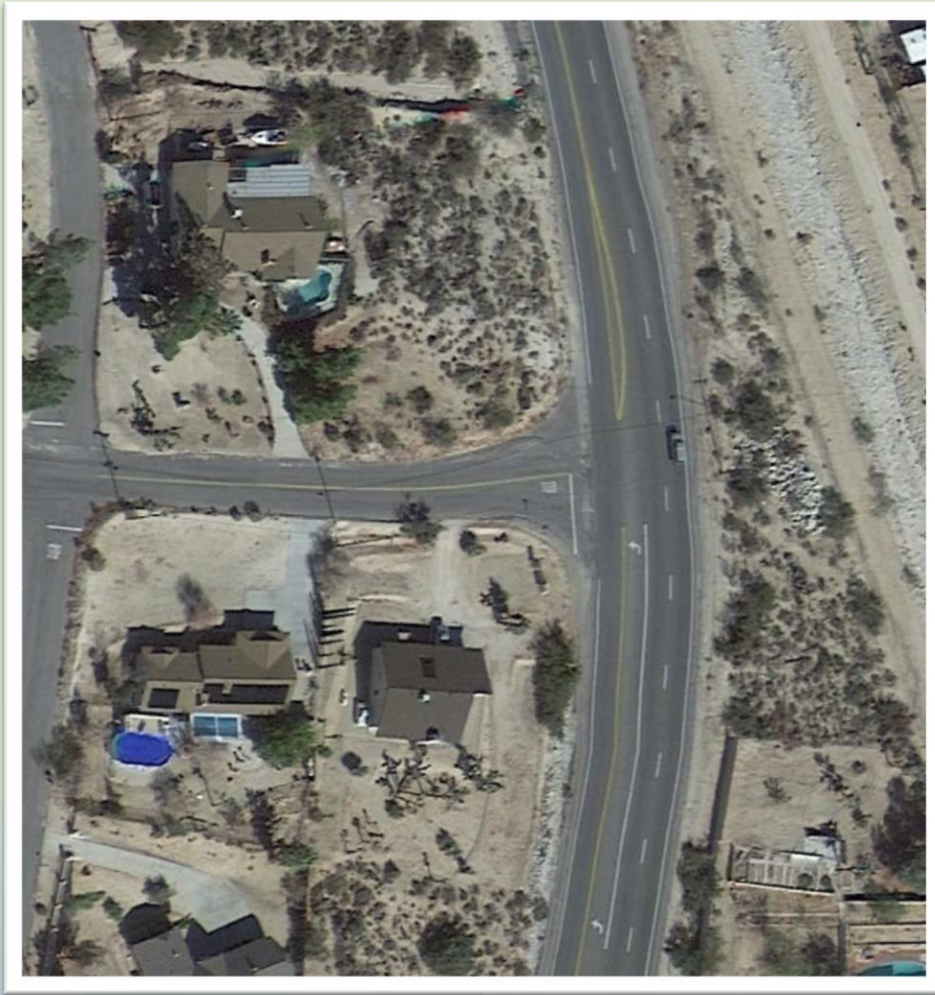
Bicycle Accident=1  
Motorcycle Accident =1

Number Killed=1  
Number Injured=2

Case_ID	Primary Road	Distance	Direction	Secondary Road	Date	Time	Primary Collision Factor	Collision Type	Severity	Lighting
5976766	ONAGA TR	0		CHURCH ST	20130124	1524	UNSAFE SPEED	REAR END	SEVERE	DAYLIGHT
6424436	ONAGA TR	125 (ft)	W	CHURCH ST	20140228	1546	NOT STATED	REAR END	SEVERE	DAYLIGHT
8501874	ONAGA TR	0		CHURCH ST	20171027	1340	AUTOMOBILE ROW	BROADSIDE	PDO	DAYLIGHT
8651566	ONAGA TR	0		CHURCH ST	20180702	2310	TRAFFIC SIGNAL & SIGNS	BROADSIDE	SEVERE	DARKw/STREET LIGHTS
8910869	ONAGA TR	0		CHURCH ST	20190816	800	AUTOMOBILE ROW	BROADSIDE	FATAL	DUSK/DAWN

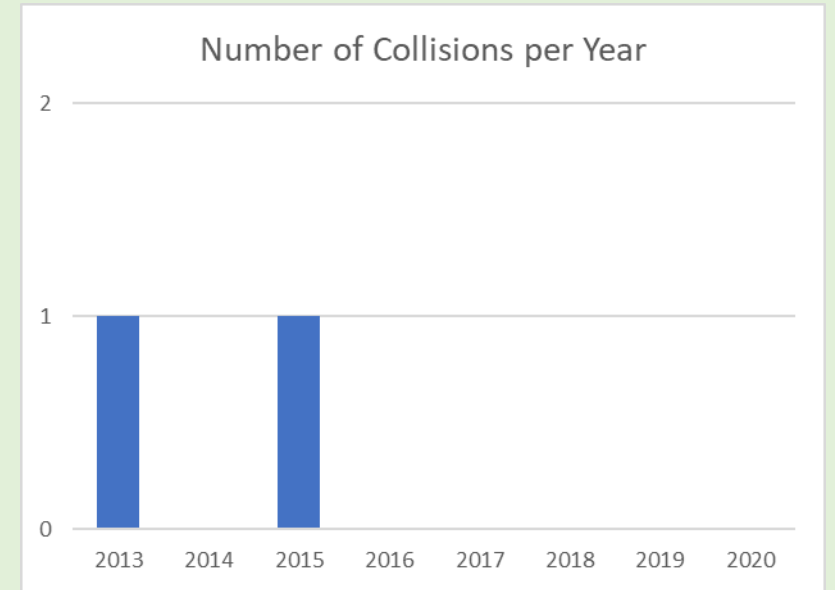


# RT 247& Farrelo Road



Collision Severity	
PDO	1
FATAL	0
SEVERE	1
INJURY VISIBLE	0
COMPLAINT OF PAIN	0
<b>TOTAL</b>	<b>2</b>

Type of Collision	
SIDESWIPE	50%
OTHER	50%



Motorcycle Accident =1

Number Injured=2

Case_ID	Primary Road	Distance	Direction	Secondary Road	Date	Time	Primary Collision Factor	Collision Type	Severity	Lighting
6288088	RT 247	150 (ft)	S	FARRELO RD	20131025	1838	NOT STATED	PDO	SIDESWIPE	DARKw/STREET LIGHTS
7027383	RT 247	0		FARRELO RD	20150706	905	UNSAFE SPEED	SEVER	OTHER	DAYLIGHT

Highest Collision Intersections		SIGNALIZED	PDO	FATAL	SEVERE	INJURY VISIBLE	COMPLAINT OF PAIN	EPDO Total
1	YUCCA TR-L- WARREN VISTA	NO	11	190	190	55	6	453
2	RT 62 - RT 247	YES	23	120	120	11	49	322
3	RT 62 - SAGE AV	YES	33	120	0	22	61	235
4	ONAGA TR-L-CHURCH AV	NO	3	190	0	11	0	204
5	RT 247-FARELLO RD	NO	1	0	190	0	0	191
6	AVALON AV-YUCCA TR-L-PALOMAR AV	YES	16	0	0	22	61	99
7	YUCCA TR-L-INDIO AV	NO	2	0	0	33	6	41
8	AVALON AV-BUENA VISTA DR	NO	4	0	0	22	12	38
9	RT 62-INCA TR-L	YES	9	0	0	11	6	26
9	YUCCA TR-L-HANFORD AV	NO	3	0	0	11	12	26
10	RT 247-CREST VIEW	NO	2	0	0	22	0	24
11	RT 247-HILLCREST DR	NO	0	0	0	22	0	22
12	ONAGA TR-L-CHEROKEE TR-L	NO	2	0	0	11	6	19
13	ONAGA TR-L-ACOMA TR	NO	1	0	0	11	6	18
14	RT 247-SAN JUAN	NO	5	0	0	0	12	17
15	RT 247-BUENA SUERTE RD	NO	3	0	0	0	12	15
16	YUCCA TR-L-SAGE AV	NO	9	0	0	0	0	9
17	YUCCA TR-L-BONITA TR	NO	1	0	0	0	0	1

# LRSP Preparation



- Plan Outline
- LRSP Review by Advisory Committee
- Submittal for Caltrans Review
- Review and File by Town Council

Questions?

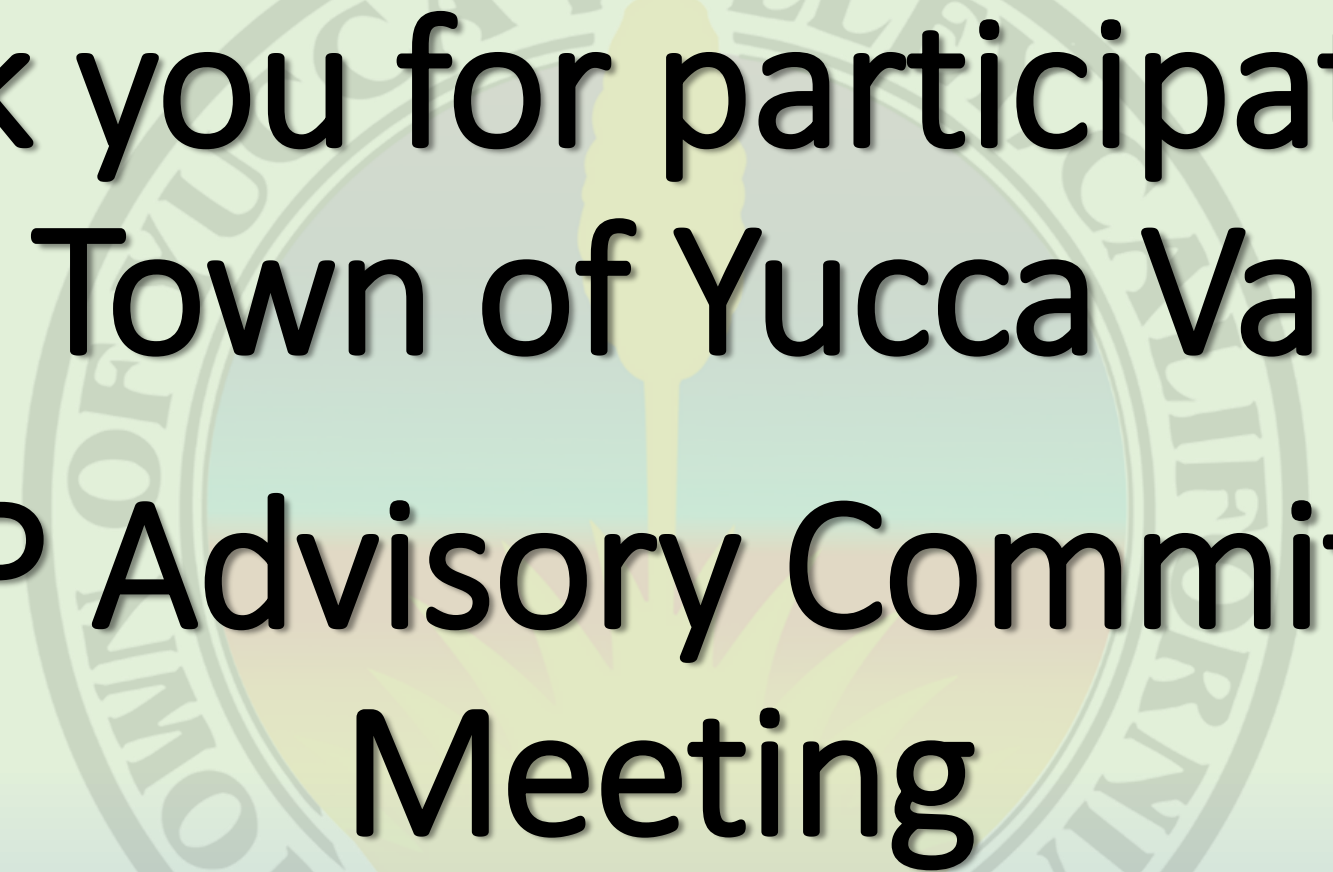
Open Discussion



# Next Steps



1. Continue with Analysis
2. Identify high-risk locations and recommend solutions
3. Second Advisory Committee Meeting in mid-December



**Thank you for participating in  
the Town of Yucca Valley  
LRSP Advisory Committee  
Meeting**