

<b>Agency:</b>	Apache Junction		<b>Title of Project:</b>	Apache Junction Systemic Signalized Intersection Improvements	
<b>Date:</b>	November 4, 2019				
<b>Contact Name and Title:</b>		<b>Phone:</b>		<b>E-Mail:</b>	
Shane Kiesow		(480) 474-8516		skiesow@ajcity.net	
<b>Roadway Safety Program (RSP) Project Scope</b>					
<b>1.</b>	<b>Describe your safety improvement project in detail: (50 words or less)</b>				
<b>1a.</b>	Proposed construction improvements include the installation of pedestrian countdown timers, upgrading of pedestrian push button equipment to be ADA and MUTCD compliant and installation of 12" signal heads as opposed to the existing 8" heads. These improvements span 18 intersections throughout Apache Junction, with each intersection receiving only the improvements deemed necessary at that location.				
<b>2.</b>	<b>Describe the project location, include pertinent demographic and land development information:</b>				
<b>2a.</b>	The project proposes improvements to the signal/pedestrian equipment at 18 intersections within Apache Junction. These intersections include: 1) Apache Trail and Walmrt Entry 2) Apache Trail and Delaware Dr. 3) Apache Trail and Ironwood Dr. 4) Apache Trail and Phelps Dr. 5) Old West Highway and Winchester Dr. 6) Old West Highway and Tomahawk Rd. 7) Supersition Blvd. and Delaware Dr. 8) Superstition Blvd. and Ironwood Dr. 9) Superstition Blvd. and Idaho Rd. 10) Broadway Ave. and Delaware Rd. 11) Broadway Ave. and Ironwood Dr. 12) Broadway Ave. and San Marcos Dr. 13) Broadway Ave. and Phelps Dr. 14) Ironwood Dr. and Guadalupe Ave. 15) Ironwood Dr. and Baseline Ave. 16) Ironwood Dr. and 36th Ave. 17) Ironwood Dr. and Southern Ave. 18) Ironwood Dr. and 16th Ave.				
<b>3</b>	<b>For projects on State System:</b>	<b>BMP:</b> (Begin Milepost)		<b>EMP:</b> (End Milepost)	
<b>4.</b>	<b>What network screening method was used to identify this project?</b>			<input type="checkbox"/> MAG <input checked="" type="checkbox"/> ADOT <input type="checkbox"/> Other (Below)	
<b>4a</b>	An in-house screening of ALISS data was performed to determine eligibility based on high crash severity intersections.				
<b>5.</b>	<b>Was this project identified as a recommendation in a study? If so, what kind? (check all that apply)</b>				
<b>5a</b>	<input type="checkbox"/> RSA <input type="checkbox"/> PA <input type="checkbox"/> SRTS Study <input type="checkbox"/> LASS Study <input checked="" type="checkbox"/> Other				
<b>6.</b>	<b>Was the project identified using an agency adopted predictive safety analysis?</b>			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<b>7.</b>	<b>What is the safety justification for the proposed project?</b>				
<b>7a</b>	The safety improvements proposed at these 18 intersections will greatly increase the safety for not only pedestrians but drivers as well. Pedestrian countdown heads are being proposed at all 18 intersections and will make for a safer experience for pedestrians corssing the street. All of the proposed intersections have crossing times greater than 7 seconds, the crossing interval beyond which the MUTCD recommends countdown heads. Pedestrian push button replacement is proposed at 12 of the 18 intersections. Replacing the existing mechanical push buttons with new ADA and MUTCD compliant equipment, while not having an official CMF, will encourage more frequent use of the pedestrian buttons, allowing for safer pedestrian operations at the intersections. Replacing existing 8" signal heads with 12" signal heads is proposed at 7 of the 18 intersections. This increase in size will allow for more visibility, making the intersections safer for not only pedestrians, but drivers as well.				
<b>8.</b>	<b>Is Public outreach required for your project? If "yes" Provide what was done, the date(s) and outcomes. (Attach documentation if applicable)</b>				
<b>8a</b>	No business or residential access is impacted, therefore public outreach is not necessary for this project.				
<b>9.</b>	<b>What safety related public education will your agency be providing before placing the safety improvement in service, if applicable?</b>				
<b>9a</b>	As the improvements proposed are commonly seen at many intesections, it is felt no public education will be necessary.				
<b>10.</b>	<b>Equity: Input the largest percent for each element for the one-mile radius or offset (Click on the hyperlinks in the text to open maps. See directions on side on maps):</b>				
	<a href="#">65 yrs and Older</a>	<a href="#">Minority Groups</a>	<a href="#">No Vehicle Households</a>	<a href="#">Disabled</a>	<a href="#">Living in Poverty</a>
<b>10a</b>	71%	43%	11%	27%	54%
<b>11.</b>	<b>Avg Daily Traffic (ADT) Volume:</b>	19,223	<b>Year Collected:</b>	2016	
<b>12.</b>	<b>Total Crash Frequency:</b>	533	<b>Crash Rate (MVM or MEV):</b>	0.795 (MEV)	
<b>13.</b>	<b>What is the posted speed limit?</b>	45 MPH	<b>Benefit/Cost:</b>	65.3	

## PROJECT COST ESTIMATE WORKSHEET

**(Cost Estimates Are Required Regardless of Programming)**

	REQUESTED PROGRAMMING (Complete if Item will be programmed in the MAG TIP)	Location Description	18 Intersections within Apache Junction				
		Work Description	Systematic Pedestrian Improvements				
		Funding Source	Local				
		Preferred Year to Program Work	2019				
COST ESTIMATE FOR DESIGN			UNITS	QUANTITY	UNIT COST	TOTAL	
<b>DESIGN</b>	<b>PRELIMINARY ENGINEERING (15% plans) (Required for Budget)</b>	Topographic Survey	LS			\$ -	
		Design Concept Report (DCR)	LS			\$ -	
		Federal Project Environmental Determination	LS			\$ -	
		HAZMAT Assessment	LS			\$ -	
		<b>SUBTOTAL – PRELIMINARY ENGINEERING COSTS</b>					<b>\$ -</b>
	<b>FINAL DESIGN (30, 60, 95, 100% plans) (Required for Budget)</b>	Plans, Specifications, Cost Estimates, Bidding	LS	1	26,000.00	\$ 26,000.00	
		Geotechnical Report	LS			\$ -	
		Drainage Report	LS			\$ -	
		SWPPP	LS			\$ -	
		<b>SUBTOTAL – FINAL DESIGN COSTS</b>					<b>\$ 26,000.00</b>
	<b>TOTAL PRELIMINARY ENGINEERING AND DESIGN COST AVAILABLE FOR PROGRAMMING</b>						<b>\$ 26,000.00</b>
	<b>CONSTRUCTION</b>	<b>REQUESTED PROGRAMMING (Complete only if Construction will be programmed in the MAG TIP)</b>	Location Description	18 Intersections within Apache Junction			
			Work Description	Systematic Pedestrian Improvements			
			Funding Source	RSP			
			Preferred Year to Program Work	2020			
COST ESTIMATE FOR CONSTRUCTION			UNITS	QUANTITY	UNIT COST	TOTAL	
<b>CONSTRUCTION (Required for Budget)</b>		Removal of Type 'F' Heads	EA	31	200.00	\$ 6,200.00	
		Removal of Type 'H' / Type 'F' Heads	EA	14	300.00	\$ 4,200.00	
		12" Type 'F' Head	EA	31	600.00	\$ 18,600.00	
		12" Type 'Q' Head	EA	14	750.00	\$ 10,500.00	
		Pedestrian Push Button	EA	96	300.00	\$ 28,800.00	
		Pedestrian Countdown Heads	EA	160	650.00	\$ 104,000.00	
		<b>SUBTOTAL - CONSTRUCTION COST</b>					<b>\$ 172,300.00</b>
<b>MOBILIZATION AND ADMINISTRATION COSTS</b>		<b>CONTRACTOR MOBILIZATION (Typically 8% of construction cost)</b>				<b>8%</b>	<b>\$ 13,784.00</b>
		<b>TRAFFIC CONTROL (0-8% of construction cost)</b>				<b>5%</b>	<b>\$ 8,615.00</b>
		<b>CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)</b>				<b>5%</b>	<b>\$ 8,615.00</b>
	<b>CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)</b>				<b>15%</b>	<b>\$ 25,845.00</b>	
<b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>						<b>\$ 56,859.00</b>	
<b>TOTAL UTILITIES, CONSTRUCTION AND MOBILIZATION FOR PROGRAMMING</b>						<b>\$ 229,159.00</b>	
<b>TOTAL COST ESTIMATE</b>						<b>\$ 255,159</b>	

### Budget and Signature Page

**Please describe the agency programming of this project in the agency's CIP**

This systemic improvement has been in the City's Operations work plan, and can be easily added to the City CIP.

Phase	Location Description	Work Description	Year to be Programmed	Funding Source	Amount
Design	18 Intersections within Apache Junction	Systematic Pedestrian Improvements	2019	Local	\$ 26,000
Construction	18 Intersections within Apache Junction	Systematic Pedestrian Improvements	2020	RSP	\$ 229,159
<b>Total Cost</b>					<b>\$ 255,159</b>

**Signature: To be signed with printed hard copy that is sent to MAG**

**As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this application is accurate and complete and that the local funds for this project will be included in the Lead Agency's local current CIP/TIP or budget document if the project is selected for MAG Roadway Safety Program funding. I also certify the Lead Agency's commitment to maintain or operate the facility.**

Signature: *Emile Schmid*

Name: Emile Schmid

Title: City Engineer

Date: November 4, 2019

## RSP Application Benefit-Cost Tabulation Sheet

<b>Agency:</b>	Apache Junction	<b>Title of Project:</b>	Signalized Intersection Improvements
----------------	-----------------	--------------------------	--------------------------------------

### Annual Benefit Tabulation

Severity	Annual Average	Estimated CRF* Reduction	Total Reduction	Unit Cost	Annual Benefit
Fatal	0.40	45%	0.18	\$9,515,371	\$1,712,767
Incapacitating Injury	1.40	45%	0.63	\$550,499	\$346,814
Non-Incapacitating	2.60	45%	1.17	\$149,132	\$174,484
Possible Injury	5.80	45%	2.61	\$103,145	\$269,208
<b>Total Annual Benefits</b>					<b>\$2,503,274</b>

### Costs

Total Project Cost	\$255,159
Project Life (years)	10
Interest Rate (%)	8%
Capital Recovery Factor	0.1490
Annual Construction Cost	\$38,026
Annual Maintenance Cost	\$300.00
<b>Total Annual Costs</b>	
<b>\$38,326</b>	

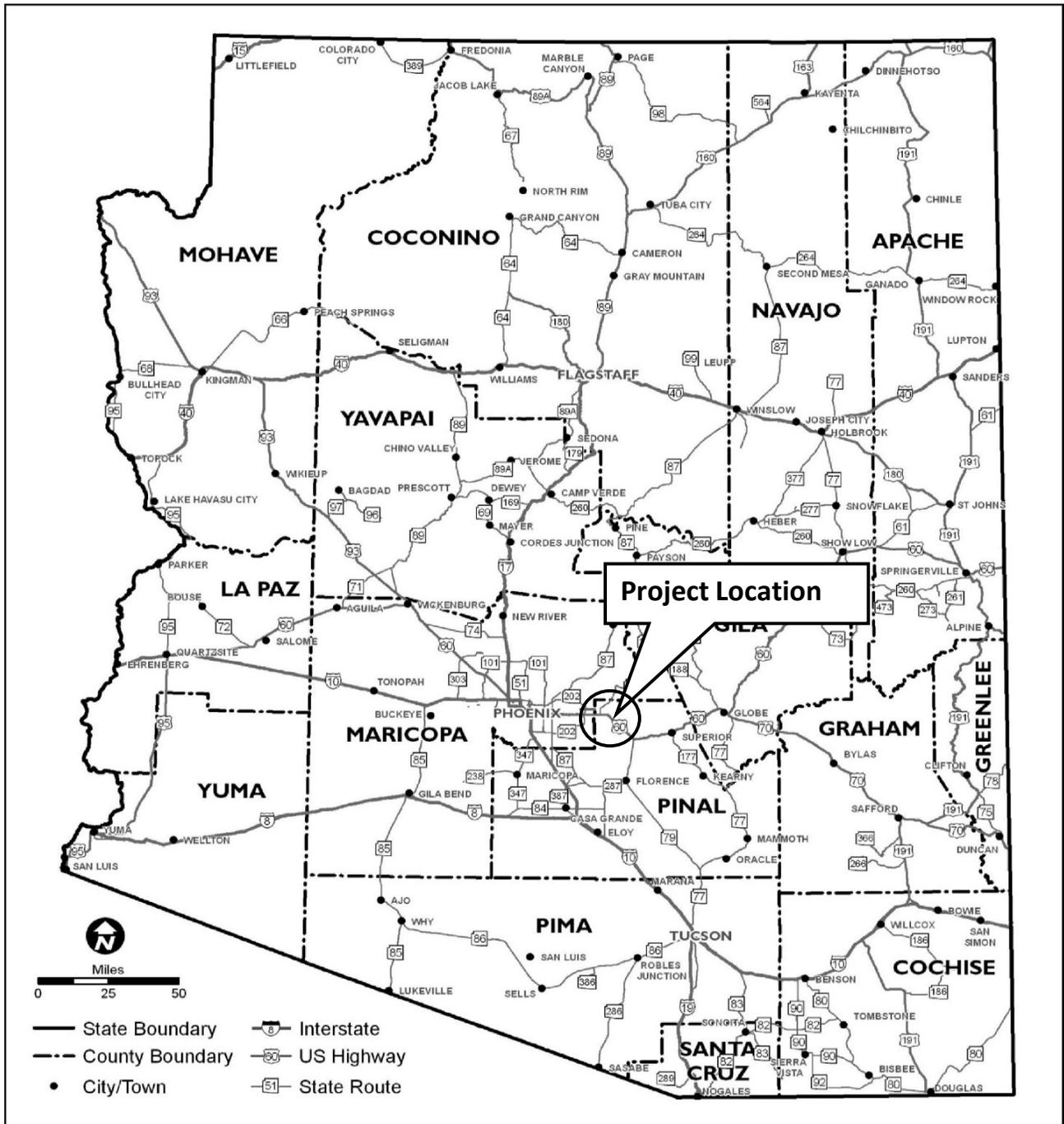
### Benefit / Cost

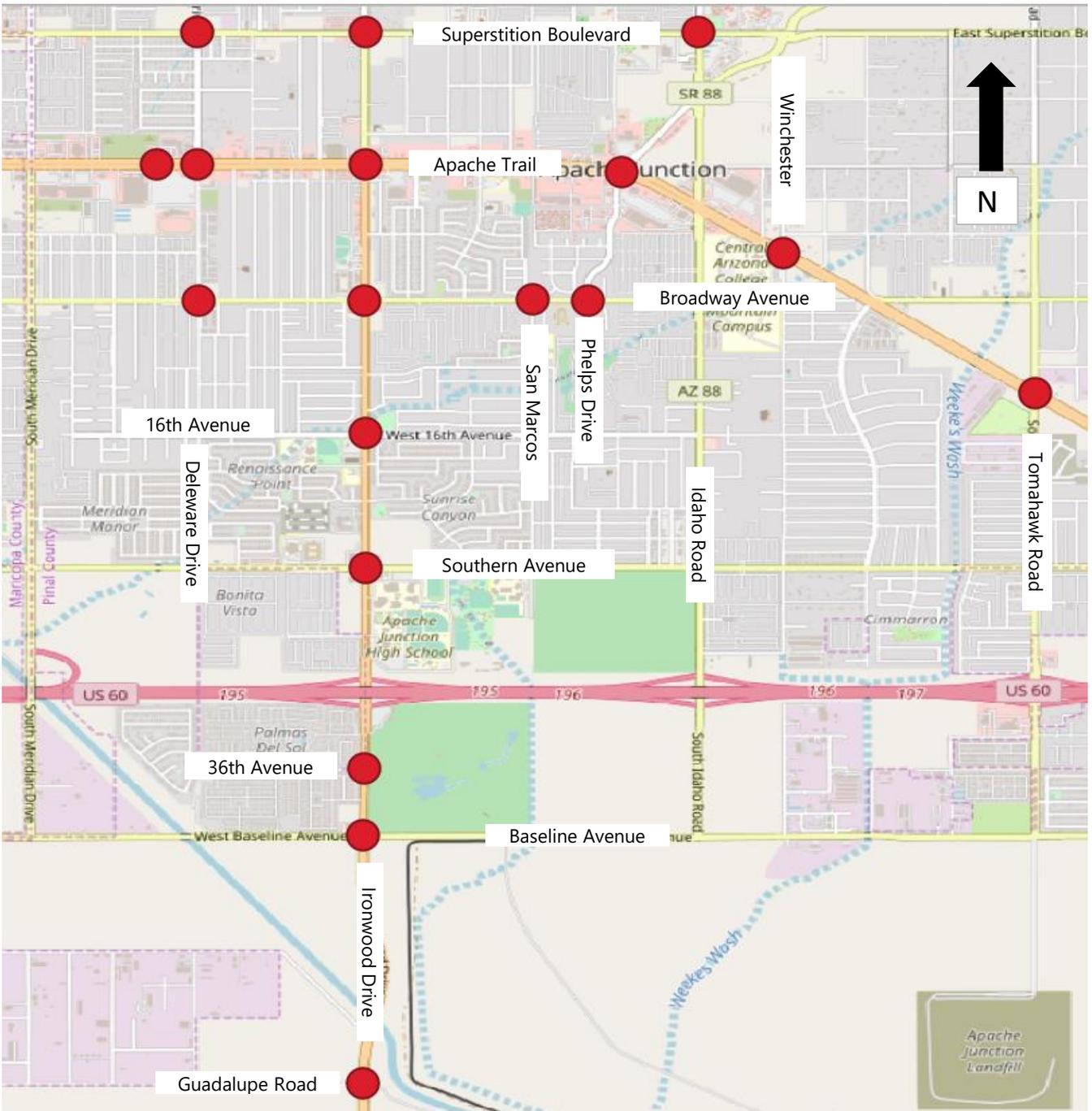
Annual Benefit	Annual cost	Benefit / Cost Ratio
\$2,503,274	\$38,326	65.3

### List CMF(s) Used in the field below and its associated countermeasure(s)

CMF Used: Replace 8" red signal heads with 12" (ID: 2333) = 0.58 for angle crashes  
 CMF Used: Install pedestrian countdown timer (ID: 8794) = 0.95 for angle crashes  
 CCRF = 0.45

Apache Junction				Apache Junction Systemic Intersection Improvements											RSP App V1_2019																					
Incident ID	Incident Date & Time	Incident On Road	Incident Crossing Feature	Incident Offset	Incident Injury Severity Description	Incident First Harmful Description	Incident Collision Manner Desc	Incident Light Condition Desc	Incident Weather Desc	Incident Intersection Type Desc	Incident Junction Relation Desc	Incident Traffic Way Type Desc	Unit Travel Direction Desc	Unit Action Desc	Unit Road Condition Desc1	Unit Surface Condition Desc1	Unit Env Condition Desc1	Unit Defect Desc1	Unit Number	Unit Event Sequence Desc1	Unit Event Sequence Desc2	Unit Event Sequence Desc3	Person Type Desc	Person Safety Device Desc	Person Violation Desc1	Person Physical Desc0	Person Physical Desc4	Person Physical Desc5	Person Physical Desc99	Intersection Name						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	32	33	36	38					
3189969	1/17/2017 18:29	11 DELAWARE	DR Apache (D) Trl	0	Fatal	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dark Lighted	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Positive Median Barrier	3 - East	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport	Curb		Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence				Apache Trail and Delaware						
3349382	12/20/2017 21:15	11 DELAWARE	DR Superstition Blvd	0	Fatal	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dark Lighted	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided	1 - North	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Ran Off Road Right	Motor Vehicle In Transport	Curb	Driver	None Used	Disregarded Traffic Signal	0 - No Apparent Influence	5 - Drugs		Superstition and Delaware							
2818803	2/4/2014 14:35	11 IDAHO	RD Superstition Blvd	0	Possible Injury	Not Reported	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Unknown	4 - West	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1				Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Superstition and Idaho							
2856179	5/20/2014 21:18	11 IRONWOOD	DR Broadway Ave	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dark Lighted	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	1 - North	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Broadway and Ironwood							
2844284	6/9/2014 16:03	11 SUPERSTITION	BLVD Delaware Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	4 - West	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Superstition and Delaware							
2929705	2/6/2015 18:04	11 SUPERSTITION	BLVD Idaho Rd	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Unknown	1 - North	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder/Shoulder-Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Superstition and Idaho							
2929682	2/13/2015 11:35	11 APACHE	TRL Delaware Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Interchange	Two Way Divided Positive Median Barrier	1 - North	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Apache Trail and Delaware							
2940814	3/18/2015 12:51	11 SUPERSTITION	BLVD Idaho Rd	-70	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Related Interchange	Two Way Not Divided With Continuous Left Turn Lane	1 - North	Making Left Turn	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Failed To Yield Right Of Way	0 - No Apparent Influence			Superstition and Idaho							
2989492	8/23/2015 6:29	11 IRONWOOD	DR Apache Trl	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Unknown	4 - West	Making Left Turn	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Unknown	Unknown				99 - Unknown	Apache Trail and Ironwood						
3024897	11/11/2015 13:11	11 IRONWOOD	DR Broadway Ave	0	Possible Injury	Not Reported	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	1 - North	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1				Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Broadway and Ironwood							
3092640	5/23/2016 18:18	11 IRONWOOD	DR Baseline Ave	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Not Reported	Intersection Related Non Interchange	Two Way Not Divided	2 - South	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Unknown	Speed To Fast For Conditions	0 - No Apparent Influence	5 - Drugs		Ironwood and Baseline							
3121617	8/1/2016 12:03	11 APACHE	TRL Phelps Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Cloudy	Four Way Intersection	Intersection Non Interchange	Unknown	3 - East	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Curb	Tree Bush Stump Standing	Motor Vehicle In Transport	Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Apache Trail and Phelps							
3136267	9/13/2016 18:20	11 APACHE (1)	TRL Ironwood Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Positive Median Barrier	4 - West	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Ran Off Road Left	Motor Vehicle In Transport		Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Apache Trail and Ironwood							
3140478	9/21/2016 12:58	11 APACHE (1)	TRL Ironwood Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Unprotected Painted 4 Feet Median	4 - West	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence	4 - Alcohol		Apache Trail and Ironwood							
3187274	1/29/2017 19:51	11 IRONWOOD	DR Apache (1) Trl	100	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dark Lighted	Clear	Unknown	Not Junction Related	Unknown	4 - West	Making Right Turn	No Contributing Circumstances	Unknown	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Failed To Yield Right Of Way	0 - No Apparent Influence			Apache Trail and Ironwood							
3201847	3/5/2017 10:49	11 SOUTHERN	AVE Ironwood Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Cloudy	Four Way Intersection	Intersection Non Interchange	Unknown	2 - South	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Ran Off Road Right	Tree Bush Stump Standing	Motor Vehicle In Transport	Driver	Deployed/Shoulder-Lap Belt	Unknown	0 - No Apparent Influence			Ironwood and Southern							
3237318	5/23/2017 15:36	11 IRONWOOD	DR Broadway Ave	50	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided	4 - West	Going Straight Ahead	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Speed To Fast For Conditions	0 - No Apparent Influence			99 - Unknown	Broadway and Ironwood						
3245687	6/21/2017 16:14	11 BROADWAY	AVE Delaware Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	3 - East	Making Left Turn	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Failed To Yield Right Of Way	0 - No Apparent Influence			Broadway and Delaware							
3255933	8/1/2017 16:00	11 IRONWOOD	DR Apache (1) Trl	0	Possible Injury	Pedalcycle	Angle (Front To Side)Other Than Left Turn	Daylight	Cloudy	Four Way Intersection	Intersection Related Interchange	Two Way Not Divided	4 - West	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Pedalcycle			Pedalcyclist	Not Applicable	Disregarded Traffic Signal	0 - No Apparent Influence			Apache Trail and Ironwood							
3261542	8/4/2017 13:57	11 APACHE (1)	TRL Ironwood Dr	-50	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Related Non Interchange	Two Way Divided Positive Median Barrier	1 - North	Making Right Turn	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Unsafe Lane Change	0 - No Apparent Influence			99 - Unknown	Apache Trail and Ironwood						
3261534	8/4/2017 18:26	11 APACHE (1)	TRL Delaware Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Unprotected Painted 4 Feet Median	4 - West	Going Straight Ahead	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Unknown	Disregarded Traffic Signal	4 - Alcohol			Apache Trail and Delaware							
3263237	8/15/2017 11:41	11 APACHE (1)	TRL Ironwood Dr	-5	Possible Injury	Pedalcycle	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Unprotected Painted 4 Feet Median	5 - Northwest	Making Right Turn	Unknown	Dry	Unknown	Unknown	1	Pedalcycle			Driver	Shoulder And Lap Belt	Failed To Yield Right Of Way	0 - No Apparent Influence			99 - Unknown	Apache Trail and Ironwood						
3275754	9/5/2017 19:00	11 BROADWAY	AVE Delaware Dr	-250	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Not At An Intersection	Not Junction Related	Two Way Not Divided With Continuous Left Turn Lane	3 - East	Other	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Speed To Fast For Conditions	0 - No Apparent Influence			99 - Unknown	Broadway and Delaware						
3306988	12/6/2017 6:51	11 BROADWAY	AVE Delaware Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dawn	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Unprotected Painted 4 Feet Median	3 - East	Going Straight Ahead	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Broadway and Delaware							
3318873	12/27/2017 15:35	11 IRONWOOD	DR Apache (1) Trl	-150	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Not At An Intersection	Not Junction Related	Two Way Not Divided	2 - South	Going Straight Ahead	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Failed To Yield Right Of Way	0 - No Apparent Influence			99 - Unknown	Apache Trail and Ironwood						
3322146	1/2/2018 13:12	11 IRONWOOD	DR 16th Ave	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Unknown	3 - East	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Ironwood and 16th							
3335063	1/30/2018 17:03	11 SUPERSTITION	BLVD Delaware Dr	0	Possible Injury	Pedalcycle	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	2 - South	Going Straight Ahead	Unknown	Dry	Unknown	Unknown	1	Pedalcycle			Driver	Unknown	Speed To Fast For Conditions	0 - No Apparent Influence			99 - Unknown	Superstition and Delaware						
3349583	3/6/2018 14:55	11 IRONWOOD	DR Southern Ave	100	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Related Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	4 - West	Making Left Turn	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Inattention Distraction	0 - No Apparent Influence			Ironwood and Southern							
3357579	4/10/2018 10:08	11 SOUTHERN	AVE Ironwood Dr	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	1 - North	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	Brakes	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Speed To Fast For Conditions	0 - No Apparent Influence			99 - Unknown	Ironwood and Southern						
3359980	4/13/2018 14:50	11 BROADWAY	AVE Delaware Dr	50	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Not At An Intersection	Not Junction Related	Two Way Not Divided With Continuous Left Turn Lane	2 - South	Making Left Turn	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Failed To Yield Right Of Way	0 - No Apparent Influence			Broadway and Delaware							
3398146	7/25/2018 17:45	11 DELAWARE	DR Superstition Blvd	0	Possible Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Not Reported	Intersection 4 Way	Two Way Not Divided	4 - West	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Unknown	Disregarded Traffic Signal	0 - No Apparent Influence			Superstition and Delaware							
2823668	1/23/2014 18:38	11 BROADWAY	AVE Delaware Dr	-60	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dark Lighted	Clear	Four Way Intersection	Intersection Related Interchange	Two Way Divided Unprotected Painted 4 Feet Median	4 - West	Going Straight Ahead	Other	Dry	Other	Other	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Other	4 - Alcohol			Broadway and Delaware							
2818562	3/17/2014 11:56	11 APACHE	TRL Thunderbird Dr	0.25	Suspected Minor Injury	Not Reported	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Positive Median Barrier	2 - South	Going Straight Ahead	Unknown	Dry	Unknown	Unknown	1				Driver	Unknown	Inattention Distraction	0 - No Apparent Influence			Apache Trail and Phelps							
2842019	5/20/2014 18:21	11 BASELINE	AVE Ironwood Dr	-120	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Unknown	Driveway	Unknown	8 - Southeast	Making Left Turn	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Not Applicable	Failed To Yield Right Of Way	0 - No Apparent Influence			Ironwood and Baseline							
2910184	12/23/2014 16:18	11 OLD WEST	HWY Winchester Rd	0	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Interchange	Two Way Divided Positive Median Barrier	8 - Southeast	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Old West Highway and Winchester							
2983691	7/31/2015 9:35	11 IRONWOOD	DR Southern Ave	0	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	3 - East	Going Straight Ahead	Unknown	Dry	Unknown	Unknown	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Ironwood and Southern							
3066008	3/18/2016 10:53	11 BROADWAY	AVE Ironwood Dr	0	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided	3 - East	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Ran Stop Sign	0 - No Apparent Influence			Broadway and Ironwood							
3081305	4/16/2016 10:25	11 DELAWARE	DR Apache Trl	0	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Daylight	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Divided Positive Median Barrier	3 - East	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Disregarded Traffic Signal	0 - No Apparent Influence			Apache Trail and Delaware							
3125881	8/21/2016 17:20	11 SUPERSTITION	BLVD Delaware Dr	0	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dusk	Cloudy	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided With Continuous Left Turn Lane	4 - West	Going Straight Ahead	No Contributing Circumstances	Dry	No Contributing Circumstances	No Contributing Circumstances	1	Motor Vehicle In Transport			Driver	Shoulder And Lap Belt	Speed To Fast For Conditions	0 - No Apparent Influence			Superstition and Delaware							
3181658	12/23/2016 16:59	11 IRONWOOD	DR Broadway Ave	0	Suspected Minor Injury	Motor Vehicle In Transport	Angle (Front To Side)Other Than Left Turn	Dusk	Clear	Four Way Intersection	Intersection Non Interchange	Two Way Not Divided	2 - South	Going Straight Ahead	Unknown	Dry	Unknown	Unknown																		





 - Proposed Intersections