



Rain World Environmental Consultants

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August 21, 2025

Keith Brown
Public Works Director
City of Maricopa
39700 W. Civic Center Plaza
Maricopa, AZ 85138

Subject: School Crossings and Roadway Markings

Dear Mr. Brown:

Previously, you were sent correspondence on July 17, 2025, in re to Roadway Markings which is included herein by reference and made a part hereof.¹ As of this date we have not received a response from you or the City of Maricopa, nor has there been any noticeable progress on such markings described therein.

Such corrections of current markings and implementing new ones hold intrinsic value and are necessary and imperative, to wit:

1. For the protection of school children in school zones.
2. For the protection of pedestrians.
3. Provides notice to vehicle drivers of potential hazards.
4. Provide drivers with proper lanes to travel to avoid incidents.
5. Prevent liability upon the city for failure to inform of traffic markings which acts as a failure to protect.
6. Builds confidence in the city and its governance that they care about its residents.

After completing a survey of public, charter and private schools in Maricopa, and important intersections, we have developed findings of significant interest that need to be addressed. To better assist the City of Maricopa, please find a descriptive list of the current school crossings and intersections with photos for placement of proper engineering controls.

¹ Keith Brown Correspondence, Roadway Markings July 17, 2025

As for Schools, it is required that the crosswalks have high visibility yellow horizontal and vertical lines, not white lines.^{2 3 4} At controlled intersections the white stop line is to be four (4) feet from the crosswalk.

1. Maricopa Elementary School
18150 North Alterra Parkway
Maricopa AZ 85139



North Alterra Pkwy facing south as crosswalk markings are white horizontal and vertical lines. The intersection is controlled by stop signs on the north and south sides only.



Bolin Road facing west toward the school on the right.

² ARS §28-797 (2024) School crossings; civil penalty; assessment; definition

³ Manual of Uniform Traffic Control Devices Chapter 3C Crosswalk Markings, Federal Highway Administration Dec 2024

⁴ *Arizona Supplement to the 2009 MUTCD, Section 7C.02 pp-91 Markings



Crosswalk facing south on North Alterra with traffic coming from the right or west. It is here in the top right in photo or SW of the crosswalk that it has been witnessed on several occasions vehicles turning left making U-turns over the crosswalk during school hours. A sign needs placed stating "No U-Turns During School Hours".



S W side of Bolin Rd intersection facing North. This is the portion where vehicles turn left to make a U-turn during school hours.

2. Maricopa Wells Middle School
4572 West Honeycutt Ave.
Maricopa, AZ 85139



First round about school crosswalk entering north on N. Hogenes Blvd. past school driveway at traffic circle facing N W.



First school roundabout crosswalk exiting South Hogenes Blvd. before school driveway at traffic circle facing S E toward school,



Second School roundabout school crosswalk
Exiting traffic circle on West Honeycutt



Viewing E and W lanes of round about
crosswalk facing north with median on West
Honeycutt. The bushes left in median need
trimmed so not to block legs of pedestrians



Viewing W and E lanes of round about
crosswalk facing south with median on West
Honeycutt.

3. Maricopa High School
45012 West Honeycutt Avenue
Maricopa AZ 85139



Old crosswalk at S W corner of Taft Avenue and W. Honeycutt facing north. These yellow markings need to be ground off as it distracts and confuses drivers of true markings of intersection and does not properly inform drivers of traffic control.



N W corner of S Taft Avenue and W. Honeycutt facing south. Depicts the old yellow crosswalk on Honeycutt and the white horizontal and vertical crosswalk at stop sign at Taft.



N E corner of Taft Avenue and W. Honeycutt facing south depicting incorrect and degraded markings.



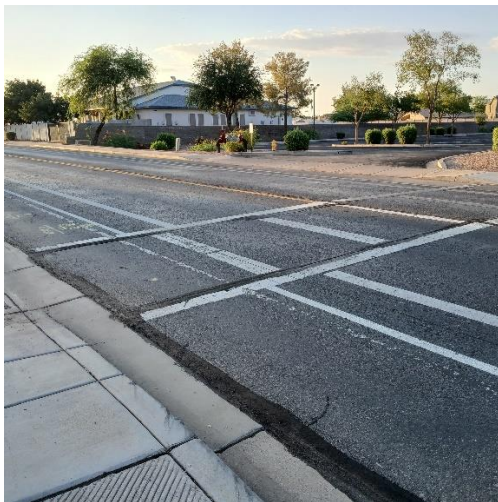
East side of crosswalk at centerline of W. Honeycutt depicting all three crosswalks facing west.



Second school crosswalk on W. Honeycutt facing N W towards school with incorrect markings.



Second school crosswalk on W. Honeycutt
facing S W towards church.



Second school crosswalk on W. Honeycutt
facing S E towards church parking lot.

3. Desert Wind Middle School
35565 W. Honeycutt Rd.
Maricopa, AZ 85138



School crosswalk on SW Honeycutt Rd and E. Costa Del Sol Blvd. facing N E within 600 feet of school driveway. Incorrect markings for school crosswalk.



Crosswalk on SW Honeycutt facing N E just before entering roundabout, incorrect markings and degraded median needing repair.



Degraded crosswalk exiting S W round about. Incorrect markings and not ADA compliant.

NOTE: The crosswalk opposite the S W roundabout on Honeycutt past S. Tarragona Blvd. is also incorrectly marked. The one on Tarragona is correct but in disrepair.



S W corner of Honeycutt and north end of Tarragona Blvd. T intersection. Before school. Incorrect school zone markings



N W side of Honeycutt facing north end of Tarragona at T intersection. Incorrect markings.

4. Santa Cruz Elementary School
19845 N Costa Del Sol Blvd.
Maricopa, Az 85138



Crossing at the roundabout on Honeycutt and North Casa Del Sol Blvd facing S W. Incorrect markings.



Crossing at the roundabout on Honeycutt and North Casa Del Sol Blvd facing S W. Crosswalk is incorrect markings and degraded, not ADA compliant.



Crossing at the roundabout on Honeycutt and North Casa Del Sol Blvd facing S W. Crosswalk is incorrect markings and degraded, not ADA compliant.



Crosswalk on North Casa Del Sol Blvd facing S W and north of the school. The crosswalk is marked correctly but is degrading.



Crosswalk on North Casa Del Sol Blvd facing S E towards the school. The crosswalk is marked correctly but is degrading.



Crosswalk on North Casa Del Sol Blvd facing E. The crosswalk is marked correctly but is degrading.

5. Pima Butte Elementary
42202 W. Rancho El Dorado Pkwy
Maricopa, AZ 85138



Cross section of 3-way intersection that turns into school bus lane on the right in photo being on north side of W. Rancho El Dorado Pkwy. Photo taken facing S W.

NOTE: This crosswalk is located at the incorrect place. It is to the east of the school bus driveway and should be on the other side of the bus driveway. This is due to crosswalks needing to be closest to a school at an intersection. There is no crosswalk from this location crossing the bus driveway which is a safety hazard. It should be located to the west of the bus driveway.



Degraded crosswalk on south side of W. Rancho El Dorado Pkwy and Bishop Dr. facing N E.



View of degraded crosswalks from N. Bishop Dr. facing bus driveway.

NOTE: This depicts the location of crosswalk on east side of W. Rancho El Dorado Pkwy. Crossing here would require students to cross the bus driveway when it is not marked endangering them.



Picture of bus driveway on N side of W. Rancho El Dorado Pkwy facing west.

NOTE: The bus driveway does not have a crosswalk for students to traverse across safely. Even when a new crosswalk is in place on the west side of the driveway, a connecting sidewalk should be in place here over the driveway.

6. Santa Rosa Elementary School
21499 North Santa Rosa Drive
Maricopa, AZ 85138



Picture of T intersection North Santa Rosa Drive at W. Rancho El Dorado Pkwy facing N E towards golf course. Crosswalk is degrading.



Crosswalk at T intersection of North Santa Rosa Drive at W. Rancho El Dorado Pky facing East. Depicts both crosswalks in degraded condition and not ADA compliant.



Crosswalk at North Santa Rosa Drive at W. Rancho El Dorado Pky facing N W towards golf course. This depicts degraded crosswalk and incorrect placement as they are not extended to the curb on both crosswalks and not ADA compliant.

NOTE: There is not a crosswalk sign at the N W corner of this intersection of North Santa Rosa Drive at W. Rancho El Dorado Pky facing North at the T.

7. Butterfield Elementary School
43800 W, Honeycutt Ave.
Maricopa, AZ 85138



Four ways stop intersection where all the school crosswalks are incorrectly marked. This picture is at N W corner of Honeycutt and North Donithan Rd. facing S E.



Incorrectly marked school crosswalk on North Donithan Rd. and W Honeycutt facing south.



Incorrectly marked school crosswalk on W. Honeycutt and North Donithan Rd. facing west.



Incorrectly marked school crosswalk on W. Honeycutt and North Donithan Rd. at S E corner facing N W.

8. Desert Sunrise High School
6200 N. Murphy Road
Maricopa, AZ 85138



This school does not currently have any crosswalks to the north or south entry/driveways on N. Murphy Road or crossing from N. Angelo Dr. as this cross intersection to the main driveway is still under construction.

9. Saddleback Elementary School
18600 N. Porter Rd.
Maricopa, AZ 85138

10. Leading Edge Academy
18700 N. Porter Rd.
Maricopa, AZ 85139

NOTE: These two schools share the same intersection and crosswalks, as Saddlebacks driveway is set behind Porter Road to the S W on Adams.



Four-way stop intersection at the S E corner of Porter Rd and Adams facing N W towards Leading Edge Academy. Incorrect crosswalk markings.



N E corner of Porter Rd at Adams facing west towards Leading Edge Academy. School crosswalk is incorrectly marked at a four-way controlled intersection.

NOTE: School crosswalk is incorrectly marked at a four-way controlled intersection. This should be horizontal lines with diagonal center lines in yellow, as it is the closest crosswalk to the school and to protect pedestrians.



N W corner of Porter Road and Adams facing S E depicting incorrect School crosswalk markings.



S W corner of Porter Rd and Adams facing N E depicting incorrect school crosswalk markings across center of intersection.

11. A+ Charter School
41735 W. Allan Stephens Pkwy
Maricopa, AZ 85138



Two way stop intersection at school driveway S E corner at W. Allen Stephens Pkwy facing north on N. Falcon Ln. There is not a School Crossing sing and no stop line before



Crosswalk at S W corner of school driveway and W. Allen Stephens Pkwy facing east. Crosswalk is incorrect color, no school crossing sign, and no stop line.



N E corner of W Allen Stephens Pkwy and N. Falcon Ln. Crosswalk is incorrect color.



N E corner of W Allen Stephens Pkwy and N. Falcon Ln. Concrete around the south edge of ADA transition pad is degraded, not ADA compliant.

12. Legacy Tradition School
17760 N. Regent Dr.
Maricopa, AZ 85138



Fourways stop intersection with four crosswalks withing 600 feet of the school. S E intersection of W. Bollin Rd and Smith Farms Circle.

NOTE: All for of the crosswalks are within 600 feet of the school and do not have school crossing signs and are not high visible yellow crosswalks.



S E intersection of W. Bollin Rd and Smith Farms Circle facing west towards the school. This is an exit for both the school and the community college.



S W corner of W. Bollin Rd and Smith Farms Circle facing north. Descriptive of incorrect crosswalk markings, high visible yellow would cover curb to curb.

13. Sequoia Pathway Academy
19265 N. Porter Road.
Maricopa, AZ 85138



This location shares a main driveway with a day school. Picture is at S E corner of N. Porter Rd. and the active driveway facing north. There are not crosswalk signs and the crosswalk needs redone to be visible.

14. Heritage Academy Maricopa
4100 N. Heroes Way
Maricopa, AZ 85138



This is a one way stop at a T intersection at Heros Way/ Conner Dr and W. Adams Way. At the S E corner facing N W. Incorrect crosswalk markings.



N W portion of T intersection facing S E towards Hover Way. Incorrect crosswalk and color if to work in connection with the other crosswalk and a crosswalk sign.



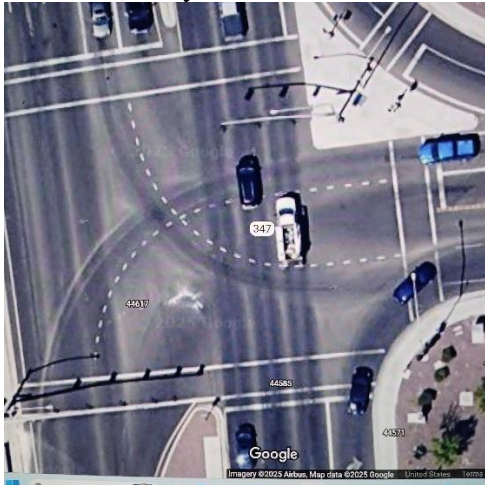
The only control device at this T intersection on S W corner facing east. The crosswalk running N and South is connect to the school crosswalk to the east but is not marked as a school crosswalk or have signage. Not safe for student crossing to this school and St. Michaels.

As you can see there are a lot of discrepancies with school crosswalks as to the correct and standardized markings and use of high visibility yellow, as in the *Arizona Supplement to the 2009 MUTCD, Section 7C.02 pp-91 Markings*. Such markings should be able to be more fully visible and withstand weather conditions with a good substrate.

To increase the safety of students as pedestrians, and to improve visibility for drivers in light/dark /hours and in climate weather, the use of raised yellow reflectors should be implemented. Two for each lane of traffic placed facing the driver at the leading edge of the yellow crosswalk.

INTERSECTIONS:

347 and Honeycutt



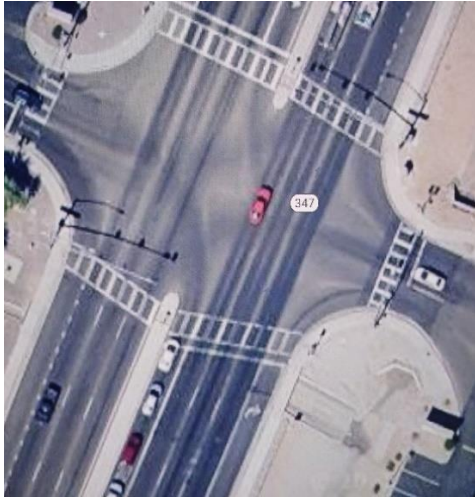
West bound Honeycutt in on the right. The two turn lanes from Honeycutt to the 347 South has only one dashed line as does the two lanes south on 347 to E Honeycutt. A yellow horizontal center turn lane maker can be added to each for driver clarity in all lighting and weather conditions.

347 and Edison Road



The crown of intersection slopes to the right and left or E and W. Both turn lanes from Edison to 347 have poor visibility. White dashed turn lanes to the left need marked with solid yellow horizontal center lanes.

347 & Marketplace



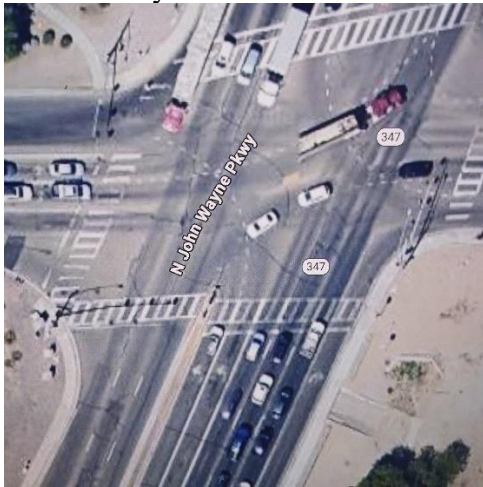
Marketplace runs E and W or left to right. Intersection is crowned with diminished visibility in light and night hours, and in climate weather. The right run lane onto the 347 and left lane onto the 347 should have both white dashed lines and a solid yellow center line to better define intersection.

347 and W. Smith Enke Rd.



This intersection was reconstructed this past year. The right turn lane from W bound Smith on the right, was corrected. The remaining left turn lanes have two lanes for turns. Those lanes should have the horizontal dashed white line with solid yellow center line.

N. John Wayne and Cobblestone Farms Road



This intersection was recently reconstructed. The top left indicates the south bound lanes on N. John Wayne. These as well as the others turning left and right should have white horizontal dashed turn lanes and solid yellow horizontal center line turn lane.

The outgoing traffic from Maricopa on the 347 now has a left merge lane. Though traffic in the left lane are at speed, those in the left lane pass in the merge lane. A pavement marker needs to be placed stating to the effect “Do Not Pass” in that lane.

In addition to the lane markings as with the school zones, white and yellow raised reflective markers can be placed in respective lines to aid visibility in all lighting and weather conditions to enhance safety.

Correct crosswalk and road markings allow for proper investigations of any incidents that may occur. It is not a matter of if, but when.

These issues are plain and simple and are not political, but need resolved by the body politic, the City of Maricopa. My paid fees for this work incurred \$4,900 for fourteen hours of professional time and labor and should not be wasted.

Thank you in advance for your more sincere approach to correcting these matters in the interest of Public Safety.

Respectfully,

Brad Follett

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