

**From:** [Simmons, Bradley A](#)  
**To:** [Coxworth, Daniel](#); [Amaya, Dora](#)  
**Subject:** 6th Street Theater Drive  
**Date:** Tuesday, January 21, 2025 8:28:32 AM  
**Attachments:** [6th Street Theater Drive Photos.docx](#)  
[SKM\\_C25825012108340.pdf](#)

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Dan & Dora,

Please see attached the Word Document with photos for 6<sup>th</sup> Street and then I scanned the portion of our Design Manual that shows the Sight Distance Triangle. If you need anything else, please let me know.

Thank you.

Brad Simmons, PE  
Engineering Manager  
Cochise County ENR



Photo 1 – Photo taken on Theater Drive of vehicle at stop sign at the intersection of N Sixth Street and Theater Drive.



Photo 2 & 3 – Photo taken on E Theater Drive 50.4' from Intersection of N Sixth Street. Vehicle at stop sign is not visible.



Photo 4 – Photo showing the vehicle was present at the stop sign during Photos 2 & 3.



Photo 5 – Photo taken from the vehicle of the driver’s perspective looking East towards 7<sup>th</sup> Street. Cars are visible from 7<sup>th</sup> street.



Photo 6 – Photo showing the car location where the driver has the ability to see oncoming traffic from the West.



Photos 7 & 8 – Photos showing the car, stationed on N Sixth Street, 15' from the edge of road of Theater Drive.

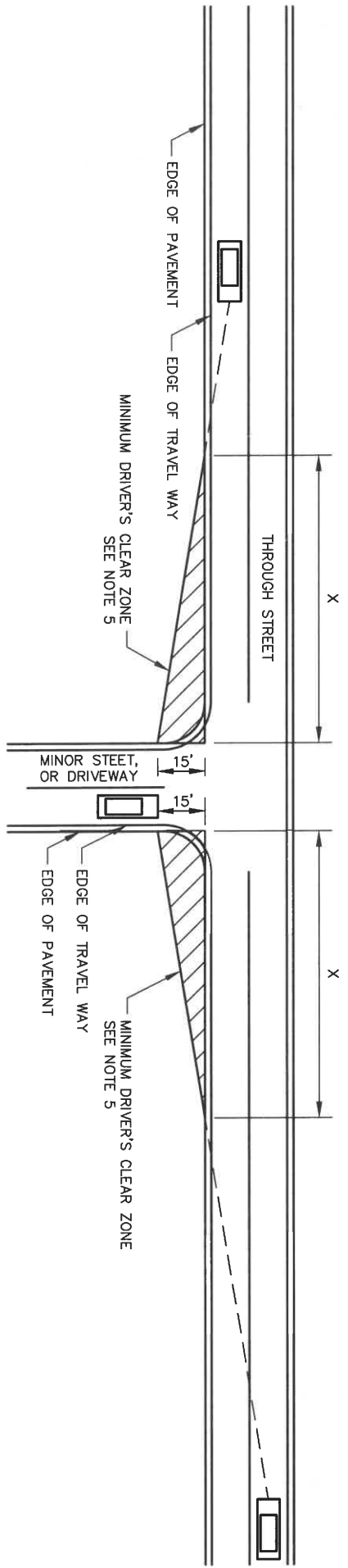


Photo 9 – Vehicle is stationed on Sixth Street, 15' from the edge of road of Theater Drive. Photo was taken approximately 80' West of N Sixth Street on Theater Drive.

Link to the U.S. Department of Transportation: Federal Highway Administration's Website for "Intersection Safety: A Manual For Local Rural Road Owners"

Chapter 3.3.1 covers Sight Distance

Link: [https://safety.fhwa.dot.gov/local\\_rural/training/fhwas1108/ch3.cfm](https://safety.fhwa.dot.gov/local_rural/training/fhwas1108/ch3.cfm)



POSTED THROUGH SPEED	X DISTANCE
25 MPH	280 FEET
35 MPH	390 FEET
45 MPH	500 FEET
55 MPH	550 FEET
65 MPH	650 FEET

**NOTE:**

1. A SIGHT DISTANCE TRIANGLE SHALL BE DETERMINED, AND SHOWN ON THE PLANS, FOR EACH CONTROLLED STREET OR DRIVEWAY THAT INTERSECTS A THROUGH OR UNCONTROLLED STREET.
2. THE SIGHT DISTANCE TRIANGLE IS MEASURED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT OR, IF AN UNPAVED ROADWAY, FROM THE EDGE OF TRAVELWAY.
3. DETERMINATION OF SIGHT DISTANCE TRIANGLES MAY BE CALCULATED BY A TRAFFIC OR CIVIL ENGINEER, CONSISTENT WITH AASHTO GREEN BOOK, TO PROVIDE AN UNOBSTRUCTED VIEW OF THE ROADWAY VISIBLE TO THE DRIVER.
4. IF FREQUENT OR HIGH LEVELS OF LARGE TRUCK TRAFFIC IS ANTICIPATED AT THE APPROACH, INCREASED INTERSECTION SIGHT DISTANCE MAY BE WARRANTED AND SHOULD BE CALCULATED CONSISTENT WITH AASHTO GREEN BOOK.
5. NO SCREENING, LANDSCAPING, VEGETATION, STRUCTURES, PARKING AREAS OR OTHER OBSTRUCTION TO VISIBILITY BETWEEN THE HEIGHTS OF 3 AND 10 FEET ABOVE THE TOP OF CURB OR CENTERLINE GRADE OF THE STREET SHALL BE PERMITTED WITHIN THE CLEAR ZONE, AS DEFINED BY THE SIGHT DISTANCE TRIANGULAR AREA. DEVELOPMENT SHALL BE SET BACK OR RESTRICTED IN ORDER TO PROVIDE A CLEAR SIGHT DISTANCE.

