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Date 11/22/2021

Richard E. Crompton, Director  
Department of Public Works  
County of San Diego  
Traffic Engineering  
5510 Overland Ave., Suite 410  
San Diego, CA 92123

Subject: Sight Distance Certification for the intersection of Sandia Creek Drive and Rock Mountain Road as part of Sandia Creek Drive Bridge Replacement Project # PDS2020-LDPIIP-60093.

Dear Mr. Crompton:

I, Todd Graham (KPFF Consulting Engineers) certify that there is a minimum of 350 feet of unobstructed intersectional sight distance in the northbound (NB) direction of Rock Mountain Drive at the proposed intersection with Sandia Creek Drive after crossing the Santa Margarita River of unobstructed intersectional sight distance in the northbound or southbound (NB or SB) direction from Sandia Creek Drive along Rock Mountain Drive (as shown in the sight distance exhibit SD-1 attached) and measured in accordance with the methodology described in Table 5 of the March 2012 County of San Diego Public Road Standards . These sight distances meet the required intersectional Sight Distance requirement of 350 feet as calculated by interpolating the values provided in Table 5 and based on a speed of 35 MPH, which I have verified to be the higher of the prevailing speed or the minimum design speed of the road classification.

The line of sight falls outside the existing right-of-way and a Clear Space Easement will be required from the property north of the project site to ensure long term unobstructed distance from this intersection (area shall be cleared of trees and other sight obstructions).

I have exercised responsible charge for the certification as defined in Section 6703 of the Professional Engineers Act of the California Business and Professions Code.

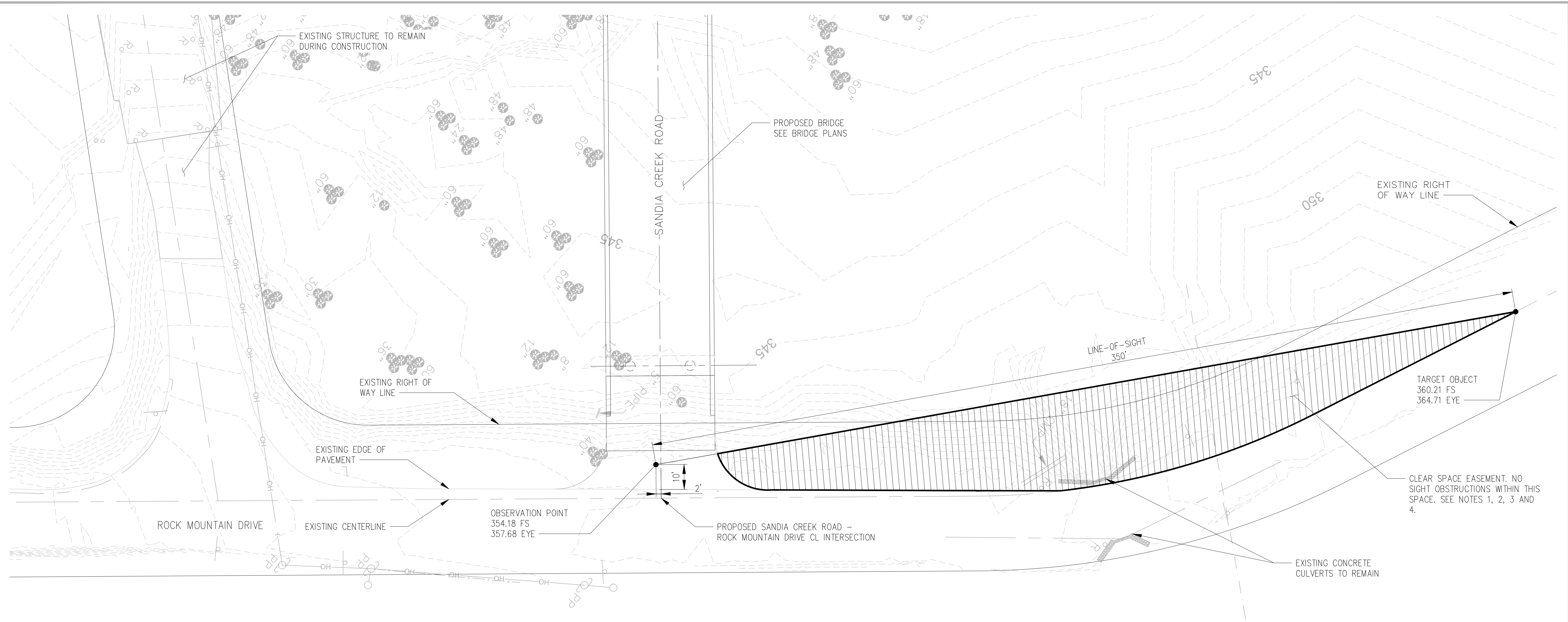
Sincerely,

A handwritten signature in blue ink, appearing to read 'Todd Graham'.



Todd A. Graham, R.C.E. C71834

Plotted: Dec 01, 2021 - 3:35pm lfhao Layout: SD-01  
 L:\2020\2000118 SMR Bridge Replacement (Rd 2 Grants)\Drawings\Exhibit\20211111 Sight Distance\SMR Sight Distance Exhibit.dwg

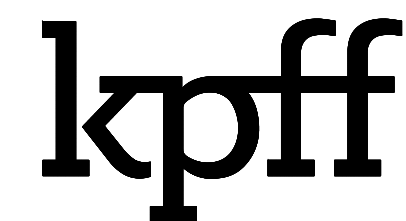
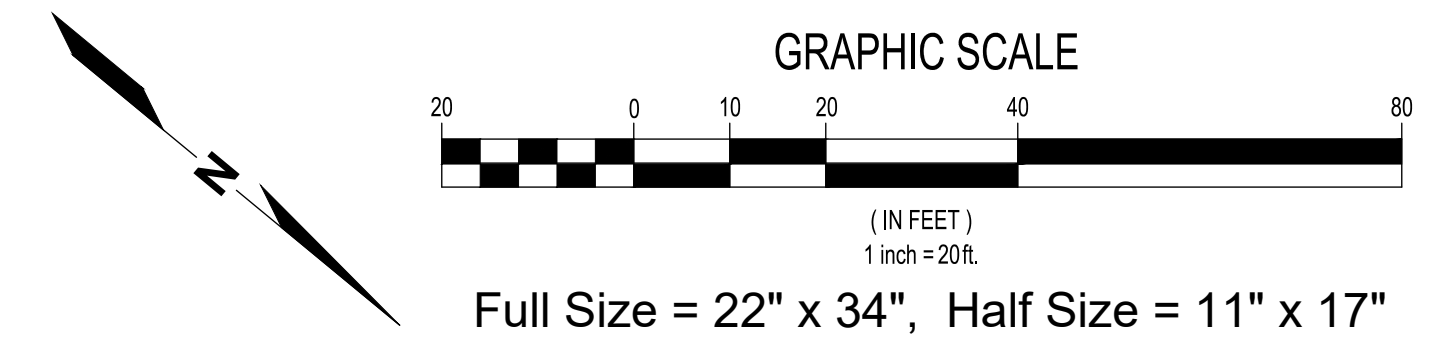


**SITE DISTANCE NOTES:**

1. CLEAR SPACE EASEMENT PER COUNTY OF SAN DIEGO DESIGN STANDARD DS-20A.
2. CLEAR SPACE EASEMENT SHALL BE CLEAR OF TREES AND OTHER SIGHT OBSTRUCTIONS. LOW GROWING GROUND COVER ONLY.
3. REQUIRED SIGHT DISTANCE APPLY TO BOTH HORIZONTAL AND VERTICAL OBSTRUCTIONS.
4. THE REQUIRED INTERSECTIONAL SIGHT DISTANCE REQUIREMENT OF 350 FEET WAS CALCULATED BY INTERPOLATING THE VALUES PROVIDED IN TABLE 5 OF THE MARCH 2012 COUNTY OF SAN DIEGO PUBLIC ROAD STANDARDS AND BASED ON A SPEED OF 35 MPH, WHICH WAS VERIFIED TO BE THE HIGHER OF THE PREVAILING SPEED OR THE MINIMUM DESIGN SPEED OF THE ROAD CLASSIFICATION.

**LEGEND:**

- PROPOSED SANDIA CREEK CENTERLINE
- EXISTING CENTERLINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING EDGE OF PAVEMENT
- CLEAR SPACE EASEMENT. NO SIGHT OBSTRUCTIONS WITHIN THIS SPACE.



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NO.	DATE	BY	REVISION

**SANDIA CREEK ROAD**  
**COUNTY OF SAN DIEGO, CA**

**SIGHT DISTANCE EXHIBIT**

DRAWN: LT	PROJECT NO.: 2000118
DESIGN: LM	SCALE: AS SHOWN
CHECKED: TG	DATE: NOV 11, 2021
DRAWING NO.	<b>SD-1</b>
SHEET NO.	<b>01 OF 01</b>

**NOT FOR CONSTRUCTION**