



1. Elevation change between Old Pali Rd. and Mamaloha Place = $728.35' - 482.28' = 246.07'$
 2. Distance between start of Old Pali Rd. and Mamaloha Place = 1,156'
 3. Slope = Elevation change between Old Pali Rd. and Mamaloha Place / Distance between start of Old Pali Rd. and Mamaloha Place = $246.07' / 1,156' = 21.29\%$
 4. ADA Ramp Requirements per Hawaii Department of Transportation (HDOT) = 1 : 12 = 8.33%
- Conclusion: The approximate average slope between the start of Old Pali Rd. and Mamaloha Pl. is 21.29% while the HDOT standard for ADA ramps is 8.33%. The approximate average slope between the start of Old Pali Rd. and Mamaloha Pl. is over 2.5x the required slope for ADA ramps per HDOT.

Sources:
 1. https://hidot.hawaii.gov/highways/files/2013/07/Pedest-Tbox-Toolbox_3-Accessibility.pdf
 2. https://earth.google.com/web/search/old+pali+road/@21.34224186,-157.83206383,160.47800796a,435.39111126d,35y,34.71727815h,0t,0r/data=CigiJgokCZHTeEdMbjVAEFT8CX9GQZVAGZmfkJO4tGPAIT_bFPWgwGPA