En Echelon Fractures



Direction of Movement rigid block rigid block **Direction of Movement**

When blocks of the Earth's crust pass each other it causes stress. If asphalt is above a "creeping" motion it will buckle and break into "en echelon" patterns. Currently, the creep rate in Fremont is about 5 millimeters per year.







Constant stress due to creeping movement along opposite sides of Hayward Fault cause concrete curbs to break and then constanly move over time.





The Self-Guided Earthquake Walk Tour will take you on a journey into earthquake territory. Visit the stations shown on the map below to see fractures, uplifts, and learn about the changing landscape of Central Park caused by tectonic plate movement



