

FIGURE 8-38. Ground displacement vs. time for Imperial Valley earthquake (horizontal excitation).

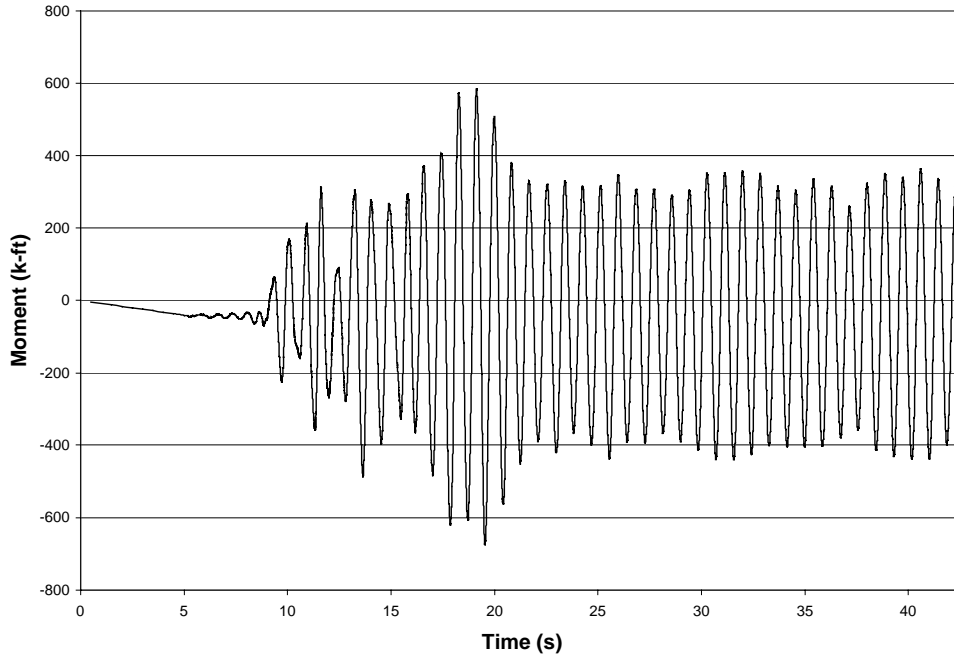


FIGURE 8-39. Moment occurring at C1 vs. time for the 4E fully restrained/elastic connection frame.

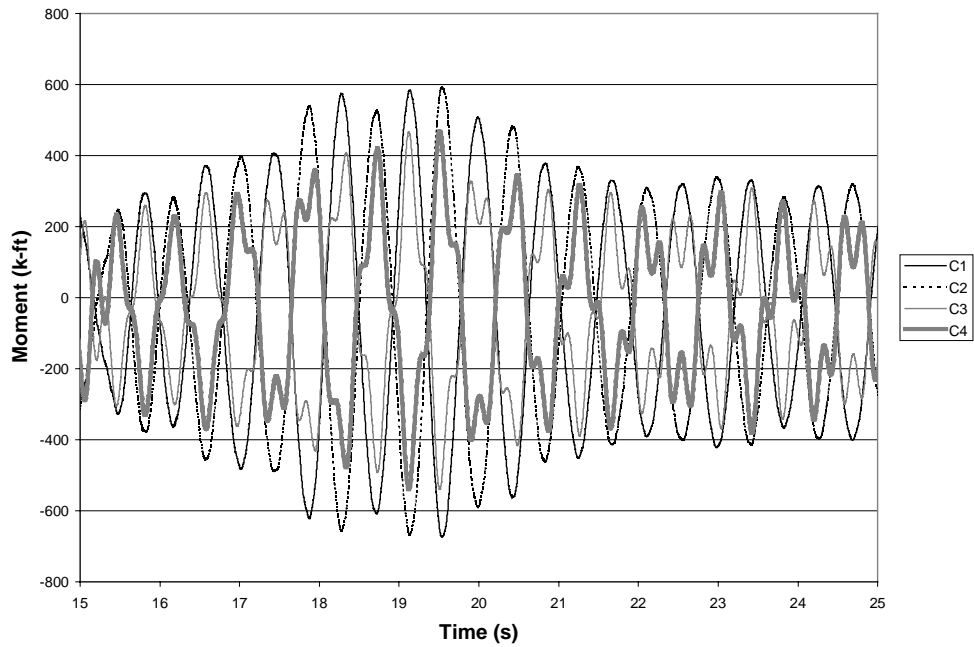


FIGURE 8-40. Moment occurring at each connection vs. time for the 4E fully restrained/elastic connection frame.

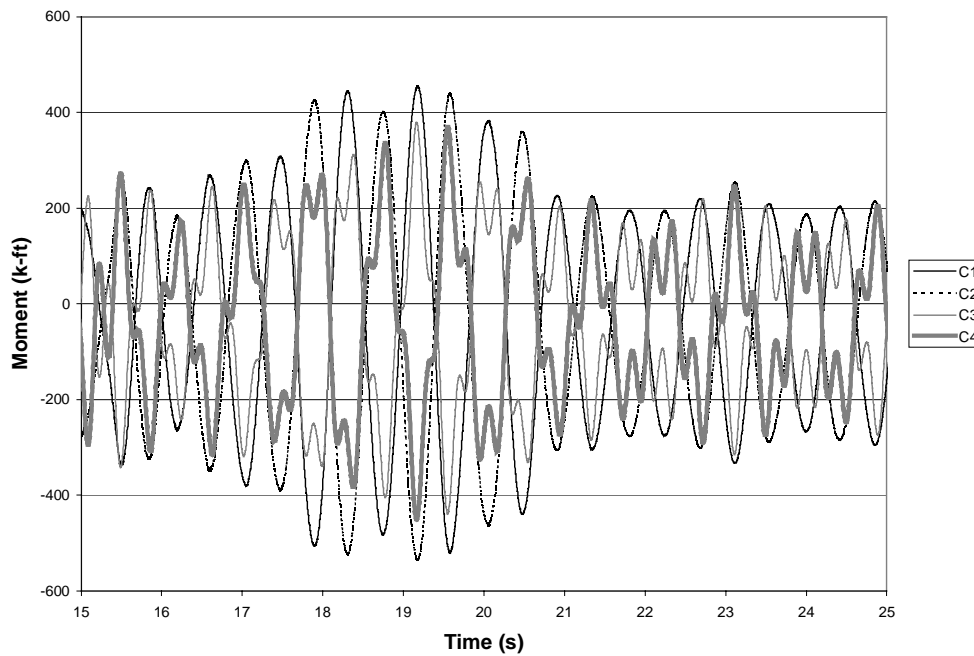


FIGURE 8-41. Moment occurring at each connection vs. time for the 4E hysteretic behavior/thick plate frame.

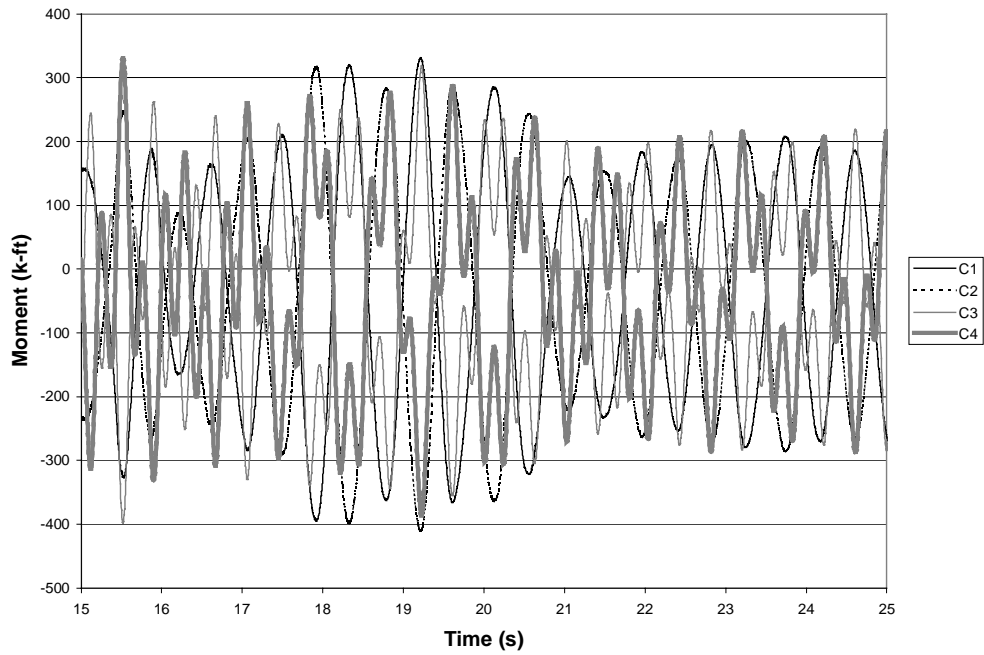


FIGURE 8-42. Moment occurring at each connection vs. time for the 4E hysteretic behavior/thin plate frame.

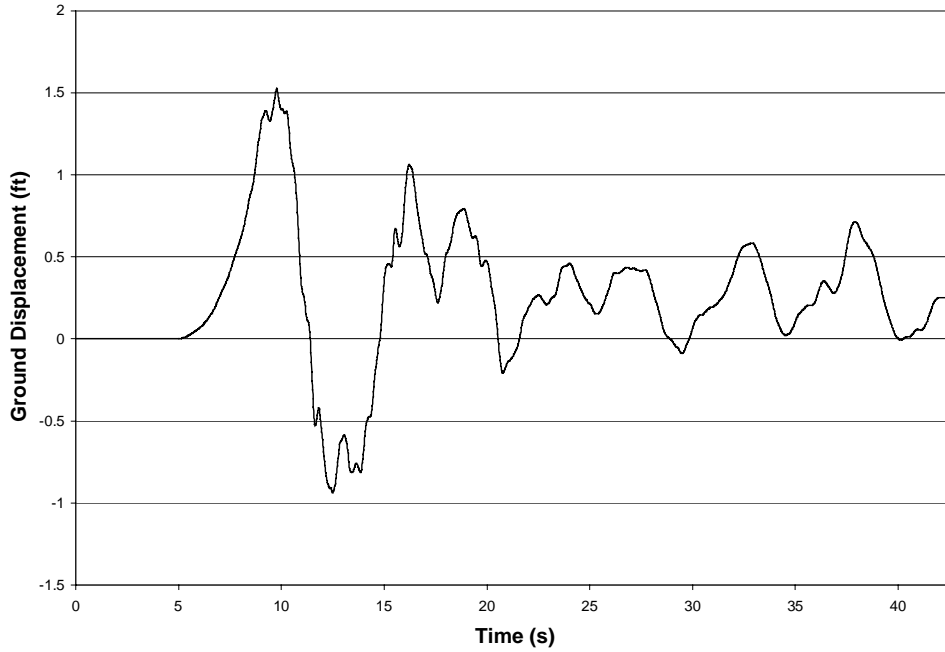


FIGURE 8-43. Ground displacement vs. time for Imperial Valley earthquake (4x magnified horizontal excitation).

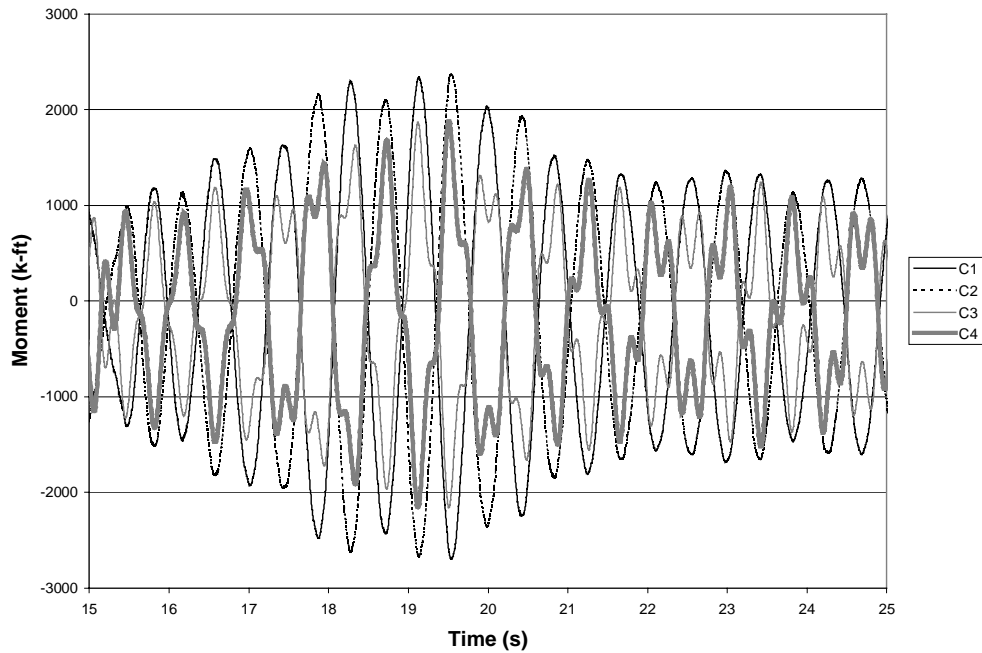


FIGURE 8-44. Moment occurring at each connection vs. time for the 4E fully restrained/elastic connection frame (4x magnified horizontal excitation).

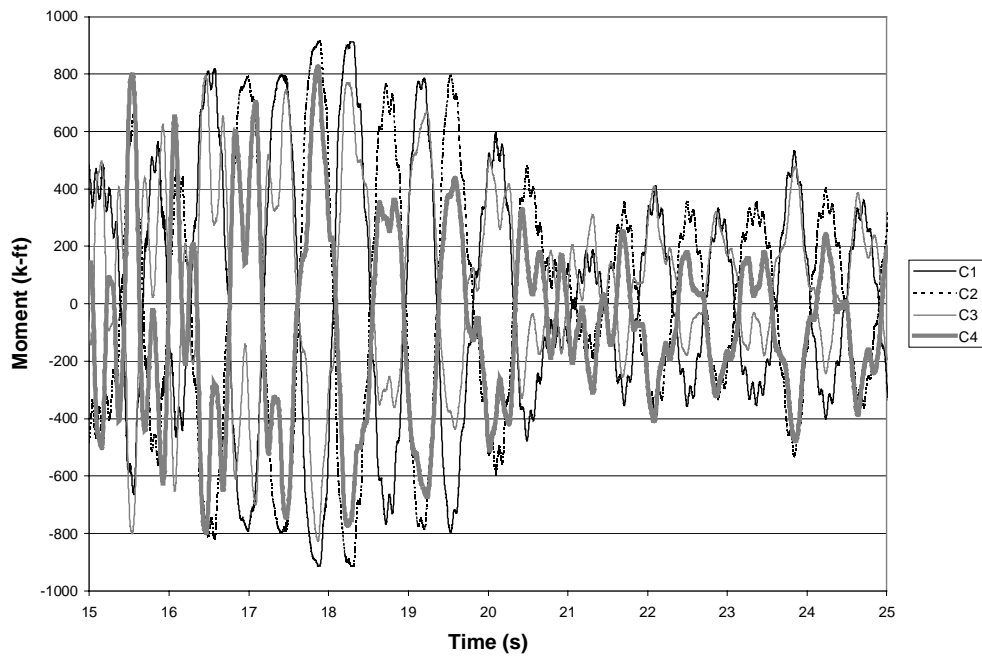


FIGURE 8-45. Moment occurring at each connection vs. time for the 4E hysteretic behavior/thick plate frame (4x magnified horizontal excitation).

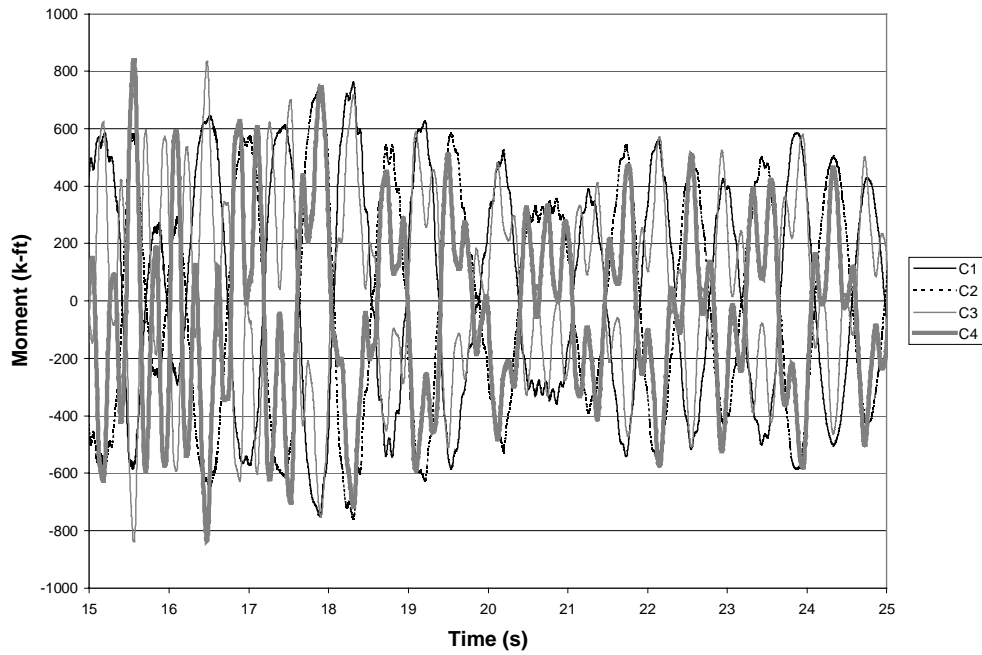


FIGURE 8-46. Moment occurring at each connection vs. time for the 4E hysteretic behavior/thin plate frame (4x magnified horizontal excitation).