



# Transportation Structures

Event Name/Date: \_\_\_\_\_ Name of investigator: \_\_\_\_\_

Short description of observation: \_\_\_\_\_ Date of observation: \_\_\_\_\_

## ***I. Location:*** (please be as detailed as possible):

a. Descriptive: \_\_\_\_\_

b. Street:

Address Number	Direction (N, S, E, W)	Street Name	Suffix (Rd, St, Ave)
Cross Street (if available):			

c. City: \_\_\_\_\_ d. County: \_\_\_\_\_ e. Zip: \_\_\_\_\_

f. Map Reference (Quad, etc.) : \_\_\_\_\_ g. Latitude: \_\_\_\_\_ h. Longitude: \_\_\_\_\_

i. Thomas Bros. Page: \_\_\_\_\_ Grid: \_\_\_\_\_ j. Station ID: \_\_\_\_\_

## ***II. Bridge Information:***

Bridge ID: \_\_\_\_\_ Route/Interchange: \_\_\_\_\_

Length: \_\_\_\_\_ Width: \_\_\_\_\_ When Built: \_\_\_\_\_

Superstructure: \_\_\_\_\_

Substructure: \_\_\_\_\_

Abutments: \_\_\_\_\_

Hinges/Bearings: \_\_\_\_\_

Skew/Curve: \_\_\_\_\_

Retrofit: \_\_\_\_\_

Pre-Earthquake Condition: \_\_\_\_\_

Strong motion recording instruments present? \_\_\_\_\_

## ***III. Earthquake Damage:***

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Transportation Structures (continued)

Total estimated loss:

Less than 10% \_\_\_\_\_ 10 - 50% \_\_\_\_\_ over 50% \_\_\_\_\_

Is lifeline functional? \_\_\_\_\_

If no, effect on route: \_\_\_\_\_

Estimated time to repair: \_\_\_\_\_

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### ***IV. Site Information:***

Estimated Modified Mercalli Intensity/PGA: \_\_\_\_\_

Types of soils: \_\_\_\_\_

Sand boils present? \_\_\_\_\_

Ground faulting present? \_\_\_\_\_

Foundation movement? \_\_\_\_\_

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### ***V. Miscellaneous:***

Film or digital images (include filename and/or roll information): \_\_\_\_\_

\_\_\_\_\_

Sketches/Comments: