**Contractor Vibration Report Form**

# State Project #: \_\_\_\_\_\_\_\_\_\_ Federal Project #: \_\_\_\_\_\_\_\_ Event Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# City/Town: \_\_\_\_\_\_\_\_\_\_ Route/Road: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Name & Company Conducting Vibration Monitoring: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

## Event Information

**Vibration Producing Activity: (circle one)**

 **Vibratory Roller Excavating Hoe Ram Pavement Breaker Sheet Pile Driving**

 **Traffic Vibratory Compaction**

 **Other (explain): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

### Type and Model of Equipment Producing Vibrations: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Structure Type: (circle one or more)**

###  Reinforced concrete structure with deep foundation Concrete structure with shallow foundation

 **Private residence(s) or commercial structure with drywall**

 **Private residence(s) or commercial structure with plaster walls Historic or fragile structure**

 **Other (explain) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Structure Condition: (circle one or more)**

 **Excellent - < 10 years with no visible cracks Good – 10 to 20 years with minor hairline cracks**

 **Fair – built after 1950 with many cracks Poor – over 100 years old**

 **Other (explain): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Population Sensitivity: (circle one or more)**

 **No vibration sensitive equipment/or processes Private residence Small business**

 **Bank or store with computers Large business with sensitive equipment**

 **Dentist or doctor’s office Medical research labs Hospital or nursing home**

 **Vibration sensitive manufacturing process or equipment**

 **Other (explain) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Seismograph/Sensor Information**

### Seismograph (make & model): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Calibration Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sensor Location (brief description): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Sensor Distance from Vibration Source (ft): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

#### Readings

**Reading Date Reading Time Max PPV (in/sec) Corresponding Type**

 **Frequency (HZ) (long., trans. or vert.)**

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**Continuation Sheet** **- Contractor Vibration Report Form**

**Reading Date Reading Time Max PPV (in/sec) Corresponding Type**

 **Frequency (HZ) (long., trans. or vert.)**

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