

# 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 Frequency (HZ)	Type (long., trans. or vert.)

