

Seismic Surveying and Testing Requirements

Notifications

The seismic contractor is required to complete application with Transportation and Public Works for “Street Use Permit” in order to use City right of way. In addition, the contractor shall notify and coordinate with all affected homeowners associations, neighborhood associations, property owners & occupants and school districts prior to surveying and testing in City right of way as follows:

45 days prior to proposed seismic survey and testing activity

City of Fort Worth notice

Written notice to the Gas Well Management section of Planning & Development

- Specific date when surveying and testing will start and the duration
- List of homeowners’ and neighborhood associations and school districts affected
- List of all property owners & occupants affected
- Affidavit in Support of Application for Street Use Permit for a Geophysical Survey
- Map of the proposed seismic survey and testing area
- List of streets

15 to 30 days prior to surveying and testing activity

Written notice to affected Homeowners Associations, Neighborhood Associations and School districts Specific

- Statement of the process and procedure of seismic surveying and testing and what to expect
- Specific date when surveying and testing will start and the duration
- Company contact info, hotline number, and e-mail addresses
- City contact (List contact person assigned to inspect seismic survey and testing by P&D Gas Well Management section)
- City web address to learn more about the surveying and testing process

3 to10 days prior to surveying and testing activity

Written notice to affected property owners and occupants

- Specific statement of the process and procedure of seismic surveying and testing and what to expect
- Specific date when surveying and testing will start and the project duration
- Company contact info, hotline number, and e-mail addresses
- City contact (List contact person assigned to inspect seismic survey and testing by P&D Gas Well Management section)
- City web address to learn more about the surveying and testing process

Written notification shall be sent to the above entities and copies given to the City’s Gas Well Management section of Planning & Development. The seismic contractor is responsible for answering public inquiries, questions, concerns, etc in an appropriate and timely manner.

Peak Particle Velocity Summary

The seismic contractor is required to submit a Peak Particle Velocity (PPV) summary to the City of Fort Worth Planning & Development Department, Gas Well Management section after the first week of testing and a PPV summary at the end of the project. Contractor may be required to submit additional summaries throughout the duration of the testing as requested by the City of Fort Worth.

Operations

1. Gross weight of each vibe truck is not to exceed gross weight of 18,000 lb. on street right of way.
2. PPV's are not to exceed 0.35 in/sec.
3. Lane closures on residential streets are limited to 7a.m.-6p.m. Monday -Friday and 9a.m.-6p.m. Saturdays. Arterial street lane closures are limited to 9a.m. - 4p.m. Monday-Friday and 9a.m. to 6p.m. on Saturdays. Seismic surveying and testing work is not allowed on Sundays or City Holidays. These hours may be further restricted by the City to accommodate special events.
4. Contractor is required to work around all special events, other construction activity and may need to adjust location of receivers and/or equipment to accommodate businesses, special events, etc.
5. Contractor is required to abide by the City of Fort Worth Noise Ordinance.
6. Contractor must maintain Americans with Disabilities Act (ADA) compliant pathways and is expected to resolve potential trip hazards from seismic hardware, lines/cables etc.
7. With the exception of seismic recording hardware and cables, the contractor is not permitted to store equipment in City right of way during non-working hours.
8. Contractor is required to remove any mud and/or debris associated with operations from city's the right of way daily.
9. Contractor is required to obtain, examine, evaluate, resolve, etc all necessary location maps of existing utilities. For water utilities, contact John Lopez at 817-392-6818.
10. Contractor acknowledges responsibility for any damages caused by seismic surveying and testing to properties, city utilities, etc.
11. All traffic control must be in compliance with the latest version of the Texas Manual on Uniform Traffic Control Devices (TMUTCD).
12. Contractor is responsible for keeping street use permit current and in testing vehicles at all times.