

## Sub-part 7501 - Maintenance

### Chapter 03004 Permits for Seismic Surveys

#### Purpose

- 100 To establish a policy for issuance of permits for seismic surveys performed on the highway rights of way of the Mississippi Department of Transportation, hereinafter called "Department".
- 101 This rule establishes procedures for issuance of a permit to perform seismic surveys on MDOT rights of way.

#### 102TABLE OF CONTENTS

|    |             |                      |
|----|-------------|----------------------|
| 1. | SECTION 200 | PROCEDURES           |
| 2. | SECTION 300 | GENERAL REQUIREMENTS |
| 3. | SECTION 400 | REFERENCES           |

#### Procedures

- 200 The applicant shall furnish the following documents as part of the permit application:
1. A letter stating that:
    - a. The applicant does hereby covenant and agree to indemnify and hold harmless the Mississippi Transportation Commission and the Mississippi Department of Transportation from and against any claims, actions, suits, causes or demands, including court costs and reasonable attorneys' fees, proximately resulting from acts or omissions of the applicant, or applicant's servants, agents or employees in prosecution of the activities proposed under this permit application; and
    - b. The applicant does hereby agree to pay for any damage to the roadway proximately caused by the acts or omissions of the applicant, or applicant's servants, agents or employees in prosecution of the activities proposed under this permit application. This letter shall be signed by the company official duly authorized to issue this document.
  2. A performance bond may be required at the discretion of the District Engineer.
- 201 The applicant is fully responsible for obtaining written permission from adjacent land owners, owners of mineral interests and lessees, if applicable, to perform a seismic survey on or near their property. The applicant shall, upon request, furnish the Department copies of these documents.
- 202 The District Engineer may consider approval of applications from authorized applicants.
1. The District Engineer may reject any application which in his opinion could cause hazard to the traveling public or be detrimental to the condition of the highway rights-of-way.
  2. The design, materials and method(s) used for the seismic survey must be specified in writing and shall adhere to all safety guidelines set forth by the industry standard. It

- is noted that the applicant, by signing this permit, certifies that the design, materials and method(s) of operations are of the industry standard, where the industry standard is indicated.
3. The District Engineer will have a visual inspection (unless otherwise deemed necessary) made prior to each survey and within 60 days after completion of each survey in order to determine if any damage has occurred to the highway facility.

### General Requirements

- 300 Each application will be submitted on Form MND-004, Application for Permit to Locate Certain Facilities on or to Perform Certain Work on State Highway Right of Way, and will show a plat of the highway by sections, townships, counties, highway intersections and other appropriate landmarks.
- 301 Each application will contain a short description of the equipment involved, the source type, the method of operation(s) and where the equipment will be positioned. The method of operation(s) may be presented to the Department in 2 Dimension or 3 Dimension views as the applicant chooses.
- 302 The District Engineer shall be given 24 hours notice prior to the survey and after completion of the survey.
- 303 Seismic surveys shall not be performed on the Interstate system.
- 304 The applicant shall not place or use any source of energy (compressed air, explosives, vibrators, etc.) on highway right of way. Receiving units (cables, trucks, etc.) will be permitted to be placed on highway right of way excluding the Interstate system.
- 305 The following safety precautions will be in force.
  1. Time of Work - The survey will be accomplished during daylight hours only and no work will be performed on Saturdays, Sundays, New Years Day, Independence Day, Labor Day, Thanksgiving or Christmas Day or the day preceding or following these holidays when the highway being surveyed is apt to be heavily traveled. No work shall be performed on the highway right of way during days of rain, sleet, snow, ice on the highway and/or fog.
  2. Traffic Control – The applicant accepts the responsibility for the safety of the traveling public and his/her workers and agrees to furnish, place and maintain traffic control devices, if required, in accordance with Part 6 of the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD), Current Edition as a minimum. The applicant shall attach a special traffic control plan to the application if special traffic control details are required. When the survey operation is on the pavement, not more than one traffic lane will be blocked. The work will progress in the same direction as traffic in the lane in which work is being performed.

306 The permit approval will be for a maximum of twelve months and will not be extended. A new application must be submitted for approval if the seismic survey is not completed within the twelve months listed in the previous sentence.

307 The application shall be approved prior to beginning the work.

REFERENCES: (All references herein to other materials are as to the most current version of that particular document.)

400 37.I.7501.04002, Right of Way Encroachment Permits.

401 37.I.7501.03001, Processing of Permit Applications

402 37.I.7501.04007, Application for Permit to Locate Certain Facilities on or to Perform Certain Work on State Highway Right of Way, Form MND-004.

403 Form MND-005, Supplement Form for Additional Sheets to Form MND-001, MND-002 and MND-004.

404 Manual on Uniform Traffic Control Devices (MUTCD), Current Edition.

405 For MUTCD and FHWA links see <http://mutcd.fhwa.dot.gov> and [www.fhwa.dot.gov](http://www.fhwa.dot.gov)

406 MDOT specific rules, forms, publications, SOPs, and other support documentation are available for review at MDOT