

# **MO PSC CHAPTER 319 REVISION PROJECT**

## **ROUNDTABLE 3 INFORMATION PACKET**

### **DOCUMENTS INCLUDED**

Roundtable Announcement

Summaries of Significant Revisions

Full Version of Proposed Revisions

Master Contacts List for Project



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October 21, 2010

TO: Underground Facility Damage Prevention Stakeholders  
FROM: Natelle Dietrich – Director, Utility Operations Division  
SUBJECT: **Notice of Damage Prevention Stakeholder Roundtable**  
MOPSC Chapter 319 Revision Project

To facilitate further discussions and solicit further input regarding the Missouri Public Service Commission's on-going project regarding proposed revisions to the state's Underground Facility Safety and Damage Prevention Act (Chapter 319, RSMo), the Commission will be hosting a third **Damage Prevention Stakeholder Roundtable** on **December 6, 2010**. The Roundtable will be held from **10:00 a.m. to 3:00 p.m.** in the **Ballroom of the Governor Office Building** (Room 450), **200 Madison Street, Jefferson City, MO**. We also hope to broadcast the Roundtable over the Internet and will advise you at a later date as to whether that will be done.

The main topic of discussion at the December 6th Roundtable will be "Update 3" of the Chapter 319 proposed revisions document. That document will be provided to you about two weeks prior to the Roundtable. A descriptive summary of the proposed revisions to Chapter 319 will also be provided to you, along with Update 3 of the proposed Chapter 319 revisions.

As you are likely aware, the Commission has established a "Working Docket" in its electronic filing and information system for the Chapter 319 revision project. To access that Working Docket, which includes all of the available information regarding the project, please follow the instructions set out below. Since there have been submissions made to the Working Docket in the last few weeks, most notably supplemental comments provided by the Associated General Contractors of Missouri, it is suggested that you review the information in the docket.

- \* Go to the Commission's Website at [www.psc.mo.gov](http://www.psc.mo.gov)
- \* Click on the **Natural Gas** tab near the top/center of the page
- \* On the next page, Click on the **Working Docket** link under **Underground Facility Damage Prevention Project**
- \* To open a document in the docket, Click on the **Item No.**

If you have questions about any of the matters discussed in this announcement, please contact staff member Dale Johansen by e-mail at [dale.johansen@psc.mo.gov](mailto:dale.johansen@psc.mo.gov) or by telephone at 573-751-7074.

# **MO PSC CHAPTER 319 REVISION PROJECT – SUMMARIES OF SIGNIFICANT REVISIONS PROPOSED AS OF 11/26/2010**

This document does not include summaries of: (1) renumbering changes related to the addition of new provisions or the reformatting of existing provisions; (2) changes related to the consistent use of the term "underground facility owner"; and (3) miscellaneous editorial-type changes. The section and subsection numbers used in this document are the section and subsection numbers included in Update 3 of the Chapter 319 proposed revisions document. Also, revisions included in previous drafts of the Chapter 319 revisions document, and previously suggested stakeholder revisions discussed in previous summaries, that are not addressed in this document are not currently proposed for inclusion in the Chapter 319 revision project. For example, neither previously proposed section 319.065 pertaining to the establishment of a damage prevention review board, nor stakeholder proposed revisions to section 319.050 pertaining to "Emergency" situations/notifications, are included in Update 3 of the proposed revisions document.

## **HISTORY REGARDING DRAFTS OF PROPOSED REVISIONS**

### **ORIGINAL DRAFT OF PROPOSED REVISIONS**

- Dated 10/08/09 and Submitted to Working Docket (GW-2010-0120) on 10/14/09
- Letter Sent to Stakeholder Contact List on or about 10/13/09 Announcing 10/21/09 Stakeholder Roundtable and Noting that Information to be Discussed was Available on the Commission's Website
- Discussed at 10/21/09 Stakeholder Roundtable

### **UPDATED DRAFTS OF PROPOSED REVISIONS**

#### **UPDATE 1**

- Dated 02/10/10
- Document Including Update 1 Submitted to Working Docket on 02/11/10
- Document Submitted to Working Docket on 02/11/10 Also Sent to Stakeholders on E-Mail Contact List on 02/11/10
- Discussed at 03/09/10 Stakeholder Roundtable (Roundtable 2)

#### **UPDATE 2**

- Dated 03/05/10
- Distributed & Discussed at Roundtable 2
- Document Including Update 2 Submitted to Working Docket on 03/09/10
- Document Submitted to Working Docket on 03/09/10 Also Sent to Stakeholders on E-Mail Contact List on 03/11/10

#### **UPDATE 3**

- Dated 11/26/10
- Document Including Update 3 Submitted to Working Docket on 11/26/10
- Document Submitted to Working Docket on 11/26/10 Also Sent to Stakeholders on E-Mail Contact List on 11/26/10

## **SECTION 319.015 – DEFINITIONS**

**ADDED** definition of "**Collecting sewers**" due to addition of section 319.032.

**MODIFIED** definition of "**Excavation**" so that use of *pressurized water* "to disintegrate and suction to remove earth, rock and other materials" is excluded from the definition, as is the use of *pressurized air*.

**MODIFIED** definition of "**Excavation**" to include language related to excavating done by regulated railroads by combining current language in definition of "Underground facility" and section 319.042.

**MODIFIED** definition of "**Marking**" to require use of the Missouri Marking Standards established by the Missouri Common Ground Alliance, *in addition to* the required use of the APWA color code, and by changing color scheme to color code in the second sentence.

**ADDED** definition of "**Public service commission**".

**ADDED** definition of "**Reportable event**" due to addition of section 319.055.

**ADDED** definition of "**Sewer service line**" due to addition of section 319.032.

**ADDED** definition of "**Sewer service connection**" due to addition of section 319.032.

**ADDED** definition of "**Sewer system**" due to addition of section 319.032.

**ADDED** definition of "**Sewer system owner**" due to addition of section 319.032.

**MODIFIED** definition of "**Underground facility**" for consistency with changes to definition of "Excavation" and current language in section 319.042, both of which pertain to regulated railroads.

**MODIFIED** definition of "**Underground facility owner**" to include any person that controls or manages underground facilities, for consistency with the statutory definitions of electrical corporation, gas corporation, heating company, sewer corporation, telecommunications company and water corporation found in section 386.020.

## **SECTIONS 319.022 - 319.025 - 319.026**

**REMOVED** references to most "old dates" regarding phasing-in of notification center participation and other similar "old date" references. (Subsections affected are 319.022.2 - 319.022.3 - 319.025.1 - 319.025.2 - 319.026.4 - 319.026.5; also includes some minor language changes in subsection 319.022.1).

## **SECTION 319.026**

**MODIFIED** the end of subsection **319.026.6** by changing so long as the markings are visible to read so long as the markings continue to be visible and usable.

**MODIFIED** the first part of subsection **319.026.7** by changing If markings become unusable to read If markings are no longer visible or become unusable.

**MODIFIED** subsection **319.026.7** by adding a new sentence at the end of the subsection to clarify that only facility owners can do remarking if needed.

**ADDED** subsection **319.026.9** to address in this section when the two working days to ten working days advance notice required by subsection 1 begins.

**ADDED** subsection **319.026.10** to require a follow-up notice to the notification center if an excavation associated with a notice of intent to excavate is not completed within 45 calendar days after the date the notice is submitted to the notification center. (Done in response to stakeholder comments and in lieu of the previously proposed addition of the "ticket life" concept.)

**ADDED** subsections **319.026.11 & 12** in response to stakeholder comments, as described below.

- \* Subsection 11 makes a notice of intent to excavate "void" if certain information provided with the notice changes before or after the commencement of an excavation and requires the excavator to submit a new notice to the notification center if the subject information has changed.
- \* Subsection 12 prohibits the commencement or continuation of an excavation until such time that the affected facility owners have responded to the new notice required by subsection 11.

## **SECTION 319.027**

**MODIFIED** the first sentence of subsection **319.027.2** by changing before the date the person has requested receiving the information from the underground facility owner to read before the date the person making the request desires to receive facility location information from the affected underground facility owners.

**MODIFIED** the second sentence of subsection **319.027.3** by changing as an alternative to marking location to read as an alternative to the marking of facilities.

**MODIFIED** the end of subsection **319.027.4** by changing underground facilities which may be affected to read underground facilities that may be affected by the excavation.

## **SECTION 319.030**

**MODIFIED** subsection **319.030.1** by removing the last sentence of the subsection. (The subjects of this sentence are addressed in proposed subsection 9 of section 319.026 and proposed subsection 9 of this section.)

**MODIFIED** section **319.030.5** to clarify the purpose of on-site meetings requested in response to locate requests submitted to the notification center.

**MODIFIED** subsection **319.030.8** to clarify the provisions pertaining to the timing of the submission of "no response" notices to the notification center and the provisions pertaining to the affected facility owners' responses to such notices.

**MODIFIED** subsection **319.030.8** by adding a new sentence at the end of the subsection to provide that excavators may be liable for facility owners' cost of responding to "false no response notices" submitted to the notification center.

**MODIFIED** subsection **319.030.9** to clarify when the two working day period required by subsection 1 and subsection 6 begins.

**ADDED** subsection **319.030.10** to clarify when the two working day period referenced in subsection 5 begins.

## **SECTION 319.032 (proposed new section)**

**ADDED** this section to require sewer system owners to provide information regarding the existence or likely existence of sewer service connections in the area of excavation identified in a notice of intent to excavate, as described below.

- \* Subsection 1 requires sewer system owners to determine whether sewer service connections exist or are likely to exist in the area of excavation identified in a notice of intent to excavate, if the owner has facilities in the area of excavation identified in the notice *and* if the notice indicates that the subject excavation will involve trenchless excavation methods.
- \* Subsection 2 sets forth the methods to be used to provide information regarding the location of sewer service connections, if the sewer system operator determines that such connections exist or are likely to exist in the subject area of excavation.
- \* Subsection 3 states that providing the best available information regarding the location of sewer service connections that exist or are likely exist in the subject area of excavation will constitute full compliance with the requirements of this section by the sewer system owner, and that such compliance will protect the owner from liability for damages/injuries resulting from an excavation.
- \* Subsection 4 states that providing the best available information regarding the location of sewer service connections that exist or are likely to exist in the subject area of excavation does not constitute ownership, operation, control or management of sewer service lines by a sewer system owner.

## **SECTION 319.040**

**MODIFIED** subsection **319.040.1** by changing to give notice . . . as required by this chapter to read to give notice . . . in accordance with the provisions of sections 319.022 through 319.070.

**ADDED** subsection **319.040.2** to establish rebuttal presumption of negligence provisions applicable to underground facility owners under the two conditions set out below, with the "consequence" provisions being the same as the consequence provisions that are applicable to excavators under subsection 1.

- \* The failure of a facility owner to inform an excavator of the approximate location of facilities located in an area of excavation described in a notice of intent to excavate.
- \* The failure of a facility owner to be a notification center participant.

## **SECTION 319.042**

**REMOVED** last sentence due to changes in definitions of "Excavation" and "Underground facility" that pertain to regulated railroads.

## **SECTIONS 319.045 (existing section) & 319.046 (proposed new section)**

**MODIFIED** the first sentence of subsection **319.045.1** by changing cathode protection to read cathodic protection facilities and by changing permanent above-ground stakes to read permanent above-ground stakes or markers.

**CREATED** new section **319.046** by "moving" subsections 319.045.3 & 4 as noted below.

- \* **Moved** subsection **319.045.3** to the new section and split it into subsections **319.046.1 & 2.**
- \* **Moved** subsection **319.045.4** to the new section as subsection **319.046.3.**

**MODIFIED** subsection **319.046.1** as described below.

- \* Changed the first part of the section to refer to the provisions of sections 319.022 through 319.070 rather than the provisions of section 319.022, 319.025, 319.026, 319.029, 319.030, 319.037, or this section.
- \* Changed the last part of the section to refer to sections 319.022 through 319.070 rather than sections 319.010 through 319.070.

**MODIFIED** the first sentence of subsection **319.046.2** by changing An action to recover such civil penalty to read An action to recover the civil penalties authorized by subsection 1 of this section.

**MODIFIED** subsection **319.046.3** by changing sections 319.010 to 319.050 to read sections 319.022 through 319.070.

## **SECTION 319.046 cont'd.**

**ADDED** subsections **319.046.4, 319.046.5 & 319.046.6** to establish new enforcement-related provisions applicable to the Commission, as described below.

- \* Subsection 4 authorizes the Commission to investigate possible violations of sections 319.022 through 319.070 by any person subject to the provisions of those sections and authorizes the Commission to refer any such violations found to the Attorney General for prosecution under the provisions of subsection 2 and subsection 3.
- \* Subsection 5 authorizes facility owners, excavators and the notification center to submit information to the Commission supporting investigations authorized by subsection 4 and authorizes those entities to submit requests to the Commission for investigations authorized by subsection 4 so long as the requests include information supporting the investigations.
- \* Subsection 6 limits the authority granted by subsection 4 and subsection 5 to situations that directly involve gas corporations, gas pipelines and municipal gas systems subject to Commission jurisdiction for safety purposes, and to situations that directly involve pipeline operators subject to Parts 192 & 195 of the federal pipeline safety regulations that are not otherwise subject to Commission jurisdiction.

## **SECTION 319.055 (proposed new section)**

**ADDED** this section to establish reporting requirements, as described below.

- \* Subsection 1 requires facility owners, and allows excavators and the notification center, to submit a report for each "reportable event" to the Missouri Virtual Private DIRT data base that the Commission will establish with the Common Ground Alliance (CGA), with the report to consist of a completed DIRT field form and with the report to be submitted within 60 days after a reportable event occurs or is discovered. (Starting date = 01/01/2012)
- \* Subsection 2 requires facility owners to submit quarterly reports to the Missouri Virtual Private DIRT data base regarding the number and type of excavations notifications received from the notification center, with the reports to be submitted on a form provided by the PSC. *NOTE: If this information can be provided by MOCS with little effort and cost, the language can be changed to either require MOCS to provide it or to allow MOCS to provide it for the members (similar to what is done for certain public education requirements).* (Starting date = 1st quarter of 2012)
- \* Subsection 3 requires the Commission to publish an annual report of aggregate information regarding the number and type of reportable events and the number and type of excavation notices, with the report to be similar to the annual DIRT report prepared by the CGA. (Starting date = 06/01/2013)
- \* Subsection 4 provides that reports submitted to the Missouri Virtual Private DIRT data base under the provisions of subsection 1 and subsection 2 will not be considered public information, but also provides that the annual report to be published by the Commission under the provisions of subsection 3 will be considered public information.
- \* The starting dates included in subsections 1, 2 & 3 are premised on the assumption that the Chapter 319 revisions will be adopted during the 2011 legislative session.



## **SECTION 319.060 (proposed new section)**

**ADDED** this section to establish requirements pertaining to underground facility locating performance measures and quality assurance programs, as described below.

- \* Subsection 1 requires facility owners subject to Commission jurisdiction for any purpose, and pipeline operators subject to Parts 192 & 195 of the federal pipeline safety regulations, to implement performance measures applicable to all persons that perform facility locating for them, and requires the affected facility owners to implement quality assurance programs to ensure the required performance measures are met. (Starting date = 01/01/2012)
- \* Subsection 2 provides that the requirements established by subsection 1 would apply to the referenced pipeline operators only if there are not similar federal pipeline safety requirements.
- \* The starting date in subsection 1 is premised on the assumption that the Chapter 319 revisions will be adopted during the 2011 legislative session.

## **SECTION 319.070 (proposed new section)**

**ADDED** this section to establish requirements that underground facilities installed after a certain date are to be "locatable", as described below.

- \* Subsection 1 requires facility owners to install their new and replacement facilities in a manner such that the facilities can be located through the use of electronic locating devices, or alternatively requires the facility owners to document the location of facilities on as-built drawings, or by other means such as the state planes coordinate system, in a manner such that the owners can provide the approximate location of their facilities.
- \* Subsection 2 requires sewer system owners to ensure that sewer service connections made to their collecting sewers can be located through the use of electronic locating devices, or alternatively requires the sewer system owners to document the location of such service connections on as-built drawings, or by other means such as the state planes coordinate system, in a manner such that the owners can provide the approximate location of the connections.
- \* Subsections 1 & 2 both include starting dates of 01/01/2012 that are premised on the assumption that the Chapter 319 revisions will be adopted during the 2011 legislative session.

**CHAPTER 319 PROPOSED REVISIONS**  
**FULL VERSION – 11/26/10**

**Changes Shown in Track Changes Format**

~~Red/Strikethrough Font~~ = Deletions

Blue/Underline Font = Additions

**Light Green Shading**

Proposed Changes Resulting from the Nine Federal  
Damage Prevention Program Elements & Related Matters

**Light Yellow Shading**

Proposed "Clean Up" Changes &  
Renumbering Due to Other Changes

**Tan Shading**

Proposed "Desired" Changes to Address Known  
Safety Issues and Other Statutory Provisions

**Pale Blue Shading**

Changes Suggested by Stakeholders with Most  
Language Developed by Pipeline Safety Staff

1 **Short title.**

2 **319.010.** Sections 319.010 through ~~319.050~~ 319.070 shall be known as the "Underground Facility  
3 Safety and Damage Prevention Act".

4 **Definitions.**

5 **319.015.** For the purposes of sections 319.010 ~~to 319.050~~ through 319.070, the following terms  
6 mean:

7 (1) "Approximate location", a strip of land not wider than the width of the underground facility  
8 plus two feet on either side thereof. In situations where reinforced concrete, multiplicity of adjacent  
9 facilities or other unusual specified conditions interfere with location attempts, the owner or operator  
10 shall designate to the best of his or her ability an approximate location of greater width;

11 (2) "Collecting sewers", sewer lines, including force lines, gravity sewers, interceptors, laterals,  
12 trunk sewers, manholes, lampholes and necessary appurtenances;

13 ~~(2)~~(3) "Design request", a request from any person for facility location information for design  
14 purposes only;

15 ~~(3)~~(4) "Emergency", either:

16 (a) A sudden, unexpected occurrence, presenting a clear and imminent danger demanding  
17 immediate action to prevent or mitigate loss or damage to life, health, property, or essential public  
18 services. "Unexpected occurrence" includes, but is not limited to, thunderstorms, high winds, ice or  
19 snow storms, fires, floods, earthquakes, or other soil or geologic movements, riots, accidents, water  
20 or wastewater pipe breaks, vandalism, or sabotage; or

21 (b) Any interruption in the generation, transmission, or distribution of electricity, or any  
22 damage to property or facilities that causes or could cause such an interruption;

1 ~~(4)~~(5) "Excavation", any operation in which earth, rock or other material in or on the ground is  
2 moved, removed or otherwise displaced by means of any tools, equipment or explosives and  
3 includes, without limitation, backfilling, grading, trenching, digging, ditching, drilling, well-drilling,  
4 augering, boring, tunneling, scraping, cable or pipe plowing, plowing-in, pulling-in, ripping, driving,  
5 and demolition of structures, except that, the use of mechanized tools and equipment to break and  
6 remove pavement and masonry down only to the depth of such pavement or masonry, the use of  
7 pressurized air or pressurized water to disintegrate and suction to remove earth, rock and other  
8 materials, the tilling of soil for agricultural or seeding purposes, and the installation of marking flags  
9 and stakes for the location of underground facilities that are not driven shall not be deemed  
10 excavation. Backfilling or moving earth on the ground in connection with other excavation  
11 operations at the same site shall not be deemed separate instances of excavation. For railroads  
12 regulated by the Federal Railroad Administration, "excavation" shall not include any excavating  
13 done by a railroad when such excavating is done entirely on land that the railroad owns or on which  
14 the railroad operates, or in the event of an emergency, excavating done by a railroad on adjacent  
15 land;

16 ~~(5)~~(6) "Excavator", any person making one or more excavations who is required to make notices  
17 of excavation under the requirements of sections 319.010 ~~to 319.050~~ through 319.070;

18 ~~(6)~~(7) "Marking", the use of paint, flags, stakes, or other clearly identifiable materials to show  
19 the field location of underground facilities, or the area of proposed excavation, in accordance with  
20 the color code standard of the American Public Works Association and the standards for marking  
21 underground facilities set forth graphically in the Missouri Marking Standards established by the  
22 Missouri Common Ground Alliance, as may be changed from time to time. Unless otherwise  
23 provided by the American Public Works Association, the following ~~color scheme~~ color code shall be  
24 used: blue for potable water; purple for reclaimed water, irrigation and slurry lines; green for sewers  
25 and drain lines; red for electric, power lines, cables, conduit and lighting cables; orange for  
26 communications, including telephone, cable television, alarm or signal lines, cable or conduit;  
27 yellow for gas, oil, steam, petroleum or gaseous materials; white for proposed excavation; pink for  
28 temporary marking of construction project site features such as centerline and top of slope and toe of  
29 slope;

30 ~~(7)~~(8) "Notification center", a statewide organization operating twenty-four hours a day, three  
31 hundred sixty-five days a year on a not-for-profit basis, supported by its participants, or by more  
32 than one operator of underground facilities, having as its principal purpose the statewide receipt and  
33 dissemination to participating ~~owners and operators of underground facilities~~ underground facility  
34 owners of information concerning intended excavation activities in the area where such owners and  
35 operators have underground facilities, and open to participation by any and all such owners and  
36 operators on a fair and uniform basis. Such notification center shall be governed by a board of  
37 directors elected by the membership and composed of representatives from each general membership  
38 group, provided that one of the board members shall be a representative of the state highways and  
39 transportation commission so long as the commission is a participant in the notification center;

40 ~~(8)~~(9) "Notification center participant", an underground facility owner who is a member and  
41 participant in the notification center;

42 ~~(9)~~(10) "Permitted project", a project for which a permit for the work to be performed is required  
43 to be issued by a local, state or federal agency and, as a prerequisite to receiving such permit, the  
44 applicant is required to notify all underground facility owners in the area of the work for purposes of  
45 identifying the location of existing underground facilities;

1 ~~(10)~~(11) "Person", any individual, firm, joint venture, partnership, corporation, association,  
2 cooperative, municipality, political subdivision, governmental unit, department or agency and shall  
3 include a notification center and any trustee, receiver, assignee or personal representative thereof;

4 ~~(11)~~(12) "Pipeline facility" includes, without limitation, new and existing pipe, rights-of-way,  
5 and any equipment, facility, or building used or intended for use in the transportation of gas or the  
6 treatment of gas, or used or intended for use in the transportation of hazardous liquids including  
7 petroleum, or petroleum products;

8 ~~(12)~~(13) "Pre-engineered project", a project which is approved by an agency or political  
9 subdivision of the state and for which the agency or political subdivision responsible for the project,  
10 as part of its engineering and contract procedures, holds a meeting prior to the commencement of  
11 any construction work on such project and in such meeting all persons determined by the agency or  
12 political subdivision to have underground facilities located within the excavation area of the project  
13 are invited to attend and given an opportunity to verify or inform any agency or political subdivision  
14 of the location of their underground facilities, if any, within the excavation area and where the  
15 location of all known underground facilities are duly located or noted on the engineering drawing as  
16 specifications for the project;

17 (14) "Public service commission", the Missouri Public Service Commission as created by  
18 chapter 386, RSMo;

19 (15) "Reportable event", the occurrence of a damage to an underground facility, a near miss or  
20 downtime as those occurrences are defined in the Glossary of Terms contained in the User's Guide  
21 for the Damage Information Reporting Tool (DIRT) data base system maintained by the Common  
22 Ground Alliance (CGA).

23 (16) "Sewer service line", a sewer pipe extending from a customer's structure to a collecting  
24 sewer, which conveys wastewater from the structure to the collecting sewer;

25 (17) "Sewer service connection", the connection of a sewer service line to a collecting sewer;

26 (18) "Sewer system", includes all pipes or conduits, pumps, pumping stations, canals, lagoons,  
27 plants, structures and appliances, and all other real estate, fixtures and personal property, excluding  
28 sewer service lines, owned, operated, controlled or managed in connection with or to facilitate the  
29 collection, carriage, treatment and disposal of sewage for municipal, domestic or other beneficial or  
30 necessary purpose, except that the term shall not include a system that has less than twenty-five  
31 sewer service connections;

32 (19) "Sewer system owner", any person who owns, operates, controls or manages a sewer system  
33 as defined by this section;

34 ~~(13)~~(20) "State plane coordinates", a system of locating a point on a flat plane developed by the  
35 National Oceanic and Atmospheric Administration and utilized by state agencies, local governments,  
36 and other persons to designate the site of a construction project;

37 ~~(14)~~(21) "Trenchless excavation", horizontal excavation parallel to the surface of the earth ~~which~~  
38 that does not use trenching or vertical digging as the primary means of excavation, including but not  
39 limited to directional boring, tunneling, or augering;

40 ~~(15)~~(22) "Underground facility", any item of personal property which shall be buried or placed  
41 below ground for use in connection with the storage or conveyance of water, storm drainage,  
42 sewage, telecommunications service, cable television service, electricity, oil, gas, hazardous liquids  
43 or other substances, and shall include but not be limited to pipes, sewers, conduits, cables, valves,  
44 lines, wires, manholes, attachments, or appurtenances, and those portions of pylons or other supports  
45 below ground that are within any public or private street, road or alley, right-of-way dedicated to the  
46 public use or utility easement of record, or prescriptive easement. If gas distribution lines or electric  
47 lines, telecommunications facilities, cable television facilities, water service lines, water system,

1 storm drainage or sewer system lines, other than those used for vehicular traffic control, lighting of  
2 streets and highways and communications for emergency response, are located on private property  
3 and are owned solely by the owner or owners of such private property, such lines or facilities  
4 receiving service shall not be considered underground facilities for purposes of this chapter, except  
5 at locations where they cross or lie within an easement or right-of-way dedicated to public use or  
6 owned by a person other than the owner of the private property. Water and sanitary sewer lines  
7 providing service to private property that are owned solely by the owner of such property shall not  
8 be considered underground facilities at any location. Water, storm drainage, cross road drainage, or  
9 sewer lines owned by the state highways and transportation commission shall not be considered  
10 underground facilities at any location. For railroads regulated by the Federal Railroad  
11 Administration, "underground facility" ~~as used in sections 319.015 to 319.050~~ shall not include any  
12 ~~excavating done~~ underground facility owned or operated by a railroad ~~when such excavating is done~~  
13 ~~entirely on land which the railroad owns or on which the railroad operates, or in the event of~~  
14 ~~emergency, on adjacent land if the facility is located on land that the railroad owns;~~

15 ~~(16)~~(23) "Underground facility owner", any person who ~~owns or operates~~ owns, operates,  
16 controls or manages underground facilities as defined by this section;

17 ~~(17)~~(24) "Working day", every day, except Saturday, Sunday or a legally declared local, state or  
18 federal holiday.

19 **Notification center participant, commission not required to be, when.**

20 **319.016.** Notwithstanding any provision of sections 319.010 ~~to 319.050~~ through 319.070 to the  
21 contrary, the state highways and transportation commission shall not be required to be a notification  
22 center participant after December 31, 2011, but nothing in this section shall prohibit the commission  
23 from voluntarily choosing to be a notification center participant after that date.

1 **Notification centers, participation requirements and eligibility - - names of**  
2 **underground facility owners ~~and operators~~ made available, when.**

3 **319.022.** 1. Any person, except a railroad regulated by the Federal Railroad Administration, who  
4 installs or acquires, or otherwise owns or operates, an underground facility within the state shall  
5 become a notification center participant ~~in a notification center~~ upon first installing, acquiring, ~~or~~  
6 owning or operating such underground facility. ~~Except as provided in section 319.016, all owners~~  
7 ~~and operators of underground facilities within the state~~ and shall maintain participation in a  
8 notification center except as provided otherwise in section 319.016.

9 2. ~~All owners and operators of underground facilities which are located in a county of the first~~  
10 ~~classification or second classification within the state who are not members of a notification center~~  
11 ~~on August 28, 2001, shall become participants in the notification center prior to January 1, 2003.~~  
12 ~~Any person who installs or otherwise becomes an owner or operator of an underground facility~~  
13 ~~which is located within a county of the first classification or second classification on or after January~~  
14 ~~1, 2003, shall become a participant in the notification center within thirty days of acquiring or~~  
15 ~~operating such underground facility.~~ Beginning January 1, 2003, all ~~owners and operators of~~  
16 ~~underground facilities which are~~ underground facility owners that have facilities located in a county  
17 of the first classification or second classification within the state shall maintain participation in the  
18 notification center except as provided otherwise in section 319.016.

19 3. ~~All owners and operators of underground facilities which are located in a county of the third~~  
20 ~~classification or fourth classification within the state who are not members of a notification center on~~  
21 ~~August 28, 2001, shall become participants in the notification center prior to January 1, 2005. Any~~  
22 ~~person who installs or otherwise becomes an owner or operator of an underground facility which is~~  
23 ~~located within a county of the third classification or fourth classification on or after January 1, 2005,~~  
24 ~~shall become a participant in the notification center within thirty days of acquiring or operating such~~  
25 ~~underground facility.~~ Beginning January 1, 2005, all ~~owners and operators of underground facilities~~  
26 ~~which are~~ underground facility owners that have facilities located in a county of the third  
27 classification or fourth classification within the state shall maintain participation in the notification  
28 center except as provided otherwise in section 319.016.

29 4. The notification center shall maintain in its offices and make available to any notification  
30 center participant or excavator upon request a current list of the names and addresses of each  
31 notification center participant, including the county or counties wherein each participant has  
32 underground facilities. The notification center may charge a reasonable fee to notification center  
33 participants or excavators requesting such list as is necessary to recover the actual costs of printing  
34 and mailing.

35 5. Excavators shall be informed of the availability of the list of notification center participants  
36 required in subsection 3 of this section in the manner provided for in section 319.024.

37 6. An annual audit or review of the notification center shall be performed by a certified public  
38 accountant and a report of the findings submitted to the speaker of the house of representatives and  
39 the president pro tem of the senate.

1 **Public notice of excavations, duties of underground facility owner ~~and operator~~.**

2 **319.024.** 1. Every ~~person owning or operating an underground facility~~ underground facility owner  
3 shall assist excavators and the general public in determining the location of underground facilities  
4 before excavation activities are begun, or as may be required by ~~subsection 6~~ subsection 7 of section  
5 319.026 or ~~subsection 1~~ subsection 5 of section 319.030 after an excavation has commenced.  
6 Methods of informing the public and excavators of the means of obtaining such information may,  
7 but need not, include advertising, including advertising in periodicals of general circulation or trade  
8 publications, information provided to professional or trade associations which routinely provide  
9 information to excavators or design professionals, or sponsoring meetings of excavators and design  
10 professionals for such purposes. Information provided by the notification center on behalf of ~~persons~~  
11 ~~owning or operating an underground facility~~ underground facility owners shall be deemed ~~in~~  
12 compliance with this section by such ~~persons~~ owners. Every ~~person owning or operating~~  
13 ~~underground facilities who~~ underground facility owner that has a written policy in determining the  
14 location of its underground facilities shall make available a copy of said policy to any notification  
15 center participant or excavator upon request.

16 2. Every ~~person owning or operating~~ underground facility owner with pipeline facilities shall, in  
17 addition to the requirements of subsection 1 of this section:

18 (1) Identify on a current basis persons who normally engage in excavation activities in the  
19 area in which the pipeline is located. Every such ~~person who is a participant in~~ underground facility  
20 owner that is a notification center participant shall be deemed to comply with this subdivision if such  
21 notification center maintains and updates a list of the names and addresses of all excavators who  
22 have given notice of intent to excavate to such notification center during the previous year and  
23 provided the notification center shall, not less frequently than annually, provide public notification  
24 and actual notification to all excavators on such list of the existence and purpose of the notification  
25 center, and procedures for obtaining information from the notification center;

26 (2) Either directly or through the notification center, notify excavators and the public in the  
27 vicinity of his or her underground pipeline facility of the availability of the notification center by  
28 including the information set out in subsection 1 of section 319.025 in notifications required by the  
29 safety rules of the Missouri public service commission relating to its damage prevention program;

30 (3) Notify excavators annually who give notice of their intent to excavate of the type of  
31 marking to be provided and how to identify the markings.

**Excavator must give notice and obtain information, when, how - - notice to notification center, when - - clarification of markings, response - - project plans provided, when - - permit for highway excavation required.**

319.025. 1. Except as provided in ~~subsection 3~~ subsection 8 of section 319.030 and in section 319.050, a person shall not make or begin any excavation in any public street, road or alley, right-of-way dedicated to the public use or utility easement of record or within any private street or private property without first giving notice to the notification center and obtaining information concerning the possible location of any underground facilities ~~which that~~ may be affected by said excavation from underground facility owners whose names appear on the current list of participants in the notification center and who were communicated to the excavator as notification center participants who would be informed of the excavation notice. ~~Prior to January 1, 2003, a person shall not make or begin any excavation pursuant to this subsection without also making notice to owners or operators of underground facilities which do not participate in a notification center and whose name appears on the current list of the recorder of deeds in and for the county in which the excavation is to occur.~~ Beginning January 1, 2003, notice to the notification center of proposed excavation shall be deemed notice to all ~~owners and operators of underground facilities~~ underground facility owners. The notice referred to in this section shall comply with the provisions of section 319.026. As part of the process to request the locating of underground facilities and having them properly marked, the notification center shall ask excavators to identify whether or not the proposed excavation will be on a public right-of-way or easement dedicated to public use for vehicular traffic.

2. An excavator's notice to ~~owners and operators of underground facilities~~ underground facility owners participating in the notification center pursuant to section 319.022 is ineffective for purposes of subsection 1 of this section unless given to such notification center. ~~Prior to January 1, 2003, the notice required by subsection 1 of this section shall be given directly to owners or operators of underground facilities who are not represented by a notification center.~~

3. Notification center participants shall be relieved of the responsibility to respond to a notice of intent to excavate received directly from the person intending to commence an excavation, except for requests for clarification of markings through on-site meetings as provided in ~~subsection 1~~ subsection 5 of section 319.030 and requests for locations at the time of an emergency as provided by section 319.050.

4. If ~~the owner or operator~~ an underground facility owner notifies the excavator that the area of excavation cannot be determined from the description provided by the excavator through the notice required by this section, the excavator shall provide clarification of the area of excavation by markings or by providing project plans to the ~~owner or operator~~ underground facility owner, or by meeting on the site of the excavation with representatives of ~~the owner or operator~~ underground facility owner as provided by ~~subsection 1~~ subsection 5 of section 319.030.

5. Notwithstanding the provisions of this section to the contrary, a person shall not make or begin any excavation in any state highway, or on the right-of-way of any state highway, without first obtaining a permit from the state highways and transportation commission pursuant to section 227.240, RSMo, provided however, the provisions of this subsection shall not apply to railroad right-of-way owned or operated by a railroad.



1 **Notice of excavator intent to excavate, form of - - written record maintained - -**  
2 **incorrect location of facility, duty of excavator - - visible and usable markings necessary**  
3 **to continue work.**

4 **319.026.** 1. An excavator shall serve notice of intent to excavate to the notification center by toll-free  
5 telephone number operated on a twenty-four hour per-day, seven day per-week basis or by facsimile  
6 or by completing notice via the Internet at least two working days, but not more than ten working  
7 days, before the expected date of commencing the excavation activity. The notification center  
8 receiving such notice shall inform the excavator of all notification center participants to whom such  
9 notice will be transmitted and shall promptly transmit all details of such notice provided under  
10 subsection 2 of this section to every notification center participant in the area of excavation.

11 2. Notices of intent to excavate given pursuant to this section shall contain the following  
12 information:

13 (1) The name and telephone number of the person filing the notice of excavation, if the  
14 telephone number is different than that of the excavator, and the name, address, telephone number of  
15 the excavator and whether the excavator's telephone is equipped with a recording device;

16 (2) The date the excavation activity is expected to commence, the depth of planned  
17 excavation and, if applicable, that the use of explosives is anticipated on the excavation site, and the  
18 type of excavation being planned, including whether the excavation involves trenchless excavation;

19 (3) The facsimile number, e-mail address, and cellular telephone number of the excavator, if  
20 any;

21 (4) The name of the person primarily responsible for conducting the excavation or managing  
22 the excavation process, and if any of the information stated in subdivision (1) or (3) of this  
23 subsection is different for the person primarily responsible for the excavation, the notice shall also  
24 state the same information for that person;

25 (5) A detailed description accepted by the notification center sufficient for the location of the  
26 excavation by any one or more of the following means: by reference to a specific street address, or  
27 by description of location in relation to the nearest numbered, lettered, or named state or county road  
28 or city street for which a road sign is posted, or by latitude and longitude including the appropriate  
29 description in degrees, minutes, and seconds, or by state plane coordinates;

30 (6) A description of the site of excavation by approximate distance and direction from the  
31 nearest state or county road or city street or intersection of such roads or streets unless previously  
32 provided under subdivision (5) of this subsection, and the proximity of the site to any prominent  
33 landmarks;

34 (7) A description of the location or locations of the excavation at the site described by  
35 direction and approximate distance in relation to prominent features of the site, such as existing  
36 buildings or roadways;

37 (8) Directions as to how to reach the site of the excavation from the nearest such road, if the  
38 excavation is not on or near a posted numbered, lettered, or named state or county road or city street.

39 3. The notification center receiving such notice shall solicit all information required by  
40 subsection 2 of this section and shall require the excavator to provide all such information before  
41 notice by the excavator is deemed to be completed pursuant to sections 319.015 ~~to 319.050~~ through  
42 319.070. The notification center shall transmit all details of such notice as required by this section.

1 4. A record of each notice of intent to excavate shall be maintained by the notification center ~~or,~~  
2 ~~prior to January 1, 2003, by the nonmember owner or operator receiving direct notifications~~ for a  
3 period of five years. The record shall include the date the notice was received and all information  
4 required by subsection 2 of this section which was provided by the excavator and a record of the  
5 underground facility owners notified by the notification center. If the notification center creates a  
6 record of the notice by telephonic recording, such record of the original notice shall be maintained  
7 for one year from the date of receipt. Records of notices to excavate maintained by the notification  
8 center in electronic form shall be deemed to be records under this subsection. Persons holding  
9 records of notices of intent to excavate and records of information provided to the excavator by the  
10 notification center ~~or owner or operator of the facility, or by an underground facility owner,~~ shall  
11 make copies of such records available for a reasonable copying fee upon the request of the ~~owner or~~  
12 ~~operator of the underground facilities~~ affected underground facility owners or the excavator filing  
13 the notice.

14 5. If in the course of excavation the person responsible for the excavation operations discovers  
15 that ~~the owner or operator of the underground facility who is a participant in a notification center a~~  
16 notification center participant has incorrectly located ~~the an~~ underground facility, he or she shall  
17 notify the notification center which shall inform the notification center participant. ~~If the owner or~~  
18 ~~operator of the underground facility is not a participant in a notification center prior to the January 1,~~  
19 ~~2003, effective date for mandatory participation pursuant to section 319.022, the person responsible~~  
20 ~~for the excavation shall notify the owner.~~ The person responsible for maintaining records of the  
21 location of underground facilities for the notification center participant shall correct such records to  
22 show the actual location of such facilities, if current records are incorrect.

23 6. When markings have been provided in response to a notice of intent to excavate, excavators  
24 may commence or continue to work within the area described in the notice for so long as the  
25 markings ~~are visible~~ continue to be visible and usable.

26 7. If markings are no longer visible or become unusable due to weather, construction or other  
27 cause, the excavator shall contact the notification center to request remarking. Such notice shall be  
28 given in the same manner as an original notice of intent to excavate, and the ~~owner or operator~~  
29 affected underground facility owners shall remark the site in the same manner, within the same time,  
30 as required in response to an original notice of intent to excavate. Under no circumstances may  
31 anyone other than an underground facility owner or its authorized agent refresh the markings  
32 provided for an underground facility.

33 8. Each excavator shall exercise reasonable care not to unnecessarily disturb or obliterate  
34 markings provided for location of underground facilities. If remarking is required due to the  
35 excavator's failure to exercise reasonable care, or if repeated unnecessary requests for remarking are  
36 made by an excavator even though the markings are visible and usable, the excavator may be liable  
37 to the ~~owner or operator~~ affected underground facility owners for the reasonable cost of such  
38 remarking.

39 9. For purposes of subsection 1 of this section, the two working days to ten working days notice  
40 period begins at 12:00 a.m. on the first working day following the date when the notification center  
41 receives a notice of intent to excavate.

42 10. In the event an excavation associated with a notice of intent to excavate is not completed  
43 within forty-five (45) calendar days after the date the notice was submitted to the notification center,  
44 the person responsible for the excavation shall so advise the notification center, including a reference  
45 to the ticket number for the notice, and the notification center shall notify the affected underground  
46 facility owners that the excavation has not been completed.

1 11. In the event any of the following information provided with a notice of intent to excavate  
2 changes before an excavation begins, or changes during the course of an excavation, the original  
3 notice of intent to excavate shall be considered void and the excavator shall submit a new notice of  
4 intent to excavate, including the ticket number for the original notice, to the notification center.

5 (a) The depth of the planned excavation;

6 (b) That the use of explosives is anticipated on the excavation site;

7 (c) The type of excavation planned, including whether the excavation involves trenchless  
8 excavation; and

9 (d) The area of the excavation.

10 12. Under the circumstances described in subsection 11 of this section, an excavation may not  
11 commence until such time that the affected underground facility owners have responded to the  
12 required new notice of intent to excavate as required by section 319.030, and any excavation begun  
13 pursuant to the original notice of intent to excavate shall cease until such time that the affected  
14 underground facility owners have responded to the required new notice of intent to excavate as  
15 required by section 319.030.

## 16 **Design requests, how made - - marking location required.**

17 **319.027.** 1. Any person may make design requests by contacting the notification center. Such design  
18 requests shall include all information deemed necessary by the notification center to complete the  
19 notice, including the identification of the person and a description of the location of the project being  
20 designed and other information similar to that required of excavators under section 319.026.

21 2. Design requests shall be made to the notification center at least five working days, but not  
22 more than ten working days, before the date the person ~~has requested receiving the~~ making the  
23 request desires to receive facility location information from the affected underground facility  
24 owners. Upon receipt of a design request, the notification center shall inform the person of the name  
25 of all notification center participants to whom the notice will be transmitted and shall promptly  
26 transmit such notice to the appropriate underground facility owners.

27 3. Every underground facility owner who receives a design request shall mark the location of ~~the~~  
28 facility his or her facilities, or contact the person making the request, within five working days after  
29 the date the notice was received from the notification center. If the person making the request was  
30 contacted as an alternative to the marking ~~location of facilities~~, the person and the underground  
31 facility owner shall mutually agree on a schedule and method for providing the information.

32 4. No excavation may be commenced based upon information received through a design request.  
33 Obtaining information through a design request shall not excuse any person commencing an  
34 excavation from making notice and obtaining information under sections 319.025 and 319.026  
35 concerning the possible location of any underground facilities ~~which that~~ may be affected by the  
36 excavation.

1 **Participation in notification center required, exceptions - - withdrawal from**  
2 **notification center inadmissible in court proceedings.**

3 **319.028.** 1. On or after January 1, 2003, an ~~owner or operator of underground facilities~~ underground  
4 facility owner, who has become a participant in the notification center as required in section  
5 319.022, will maintain participation in the notification center, unless it is determined that the  
6 inaccuracy rate of the notification center reaches fifteen percent. The accuracy rate shall be  
7 determined by the number of notifications of an excavation, where the ~~owner or operator~~  
8 underground facility owner has no underground facilities at the excavation site, as described in the  
9 excavators' notifications, divided by the total number of notifications ~~to an owner or operator of~~  
10 ~~underground facilities~~ transmitted to the underground facility owner during any twelve-month  
11 period.

12 2. Once the notification center has an inaccuracy rate of fifteen percent or higher for any ~~owner~~  
13 ~~or operator of underground facilities~~ underground facility owner, then any such owner ~~or operator~~  
14 may withdraw from participation in the notification center by providing written notice to the  
15 notification center of its withdrawal. The ~~owner or operator~~ underground facility owner shall then  
16 file with the recorder of deeds for each county in which it has underground facilities a statement that  
17 it has underground facilities and a name and phone number of a contact person that excavators shall  
18 contact and notify of its intent to excavate. The ~~owner or operator~~ underground facility owner shall  
19 also publish, at least quarterly, in a newspaper or other publication of general circulation in counties  
20 ~~that have in which it has~~ underground facilities a statement that the owner ~~or operator~~ has  
21 underground facilities and who the excavator shall contact regarding its intent to excavate.

22 3. After January 1, 2003, in the event that an ~~owner or operator~~ underground facility owner  
23 withdraws from the notification center no party may use in any legal proceeding the fact that ~~an the~~  
24 owner ~~or operator~~ has withdrawn from the notification center as evidence to establish negligence,  
25 recklessness, lack of adherence to industry standards, or any other manner which would suggest that  
26 the owner ~~or operator~~ failed to comply with any standard of care.

27 **Notification required prior to excavation.**

28 **319.029.** Notwithstanding the fact that a project is a pre-engineered project or a permitted project, or  
29 that a design request was previously made, excavators connected therewith shall be required to give  
30 notification in accordance with sections 319.025 and 319.026 prior to commencement of excavation.

1 **Notification of underground facility, when, how - - failure to provide notice of location,**  
2 **effect.**

3 **319.030.** 1. Every ~~person owning or operating an~~ underground facility owner to whom notice of  
4 intent to excavate is required to be given shall, upon receipt of such notice as provided in this section  
5 from a person intending to commence an excavation, inform the excavator as promptly as practical,  
6 but not in excess of two working days, unless otherwise mutually agreed, of the approximate  
7 location of underground facilities in or near the area of the excavation so as to enable the person  
8 engaged in the excavation work to locate the facilities in advance of and during the excavation work.  
9 ~~The two working days provided for notice in this subsection and subsection 1 of section 319.026,~~  
10 ~~shall begin at 12:00 a.m. following the receipt of the request by the notification center.~~

11 2. If the information available to ~~the owner or operator of a pipeline facility or an underground~~  
12 ~~electric or communications cable~~ an underground facility owner discloses that valves, vaults or other  
13 appurtenances are located in or near the area of excavation, the owner ~~or operator~~ shall either inform  
14 the excavator of the approximate location of such appurtenances at the same time and in the same  
15 manner as the approximate location of the remainder of the facility is provided, or shall at such time  
16 inform the excavator that appurtenances exist in the area and provide a telephone number through  
17 which the excavator may contact a representative of the owner ~~or operator~~ who will meet at the site  
18 ~~within one~~ on the next working day after a request from the excavator and at such meeting furnish  
19 the excavator with the available information about the location and nature of such appurtenances.

20 3. If the excavator states in the notice of intent to excavate that the excavation will involve  
21 trenchless technology, the ~~owner or operator~~ underground facility owner shall inform the excavator  
22 of the depth, to the best of his or her knowledge or ability, of the facility according to the records of  
23 the owner ~~or operator~~.

24 4. The ~~owner or operator~~ underground facility owner shall provide the approximate location of  
25 underground facilities by use of markings. If flags or stakes are used, such marking shall be  
26 consistent with the color code and other standards for ground markings.

27 5. Persons representing the excavator and the ~~owner or operator~~ underground facility owner shall  
28 meet on the site of excavation within two working days of a request by either person for such  
29 meeting for the purpose of clarifying markings or the area of the planned excavation, or upon  
30 agreement of the excavator and the facility owner ~~or operator~~, such meeting may be an alternate  
31 means of providing the location of facilities by originally marking the approximate location of the  
32 facility at the time of the meeting.

33 6. If upon receipt of a notice of intent to excavate, an ~~owner or operator~~ underground facility  
34 owner determines that he or she neither owns ~~or nor~~ operates underground facilities in or near the  
35 area of excavation, the owner ~~or operator~~ shall within two working days after receipt of the notice,  
36 inform the excavator that ~~the owner or operator~~ he or she has no facilities located in the area of the  
37 proposed excavation. The ~~owner or operator of the~~ underground facility owner shall make notice to  
38 the excavator that no facilities are located in the area of excavation by contacting the excavator by  
39 any of the following methods:

40 (1) By calling the primary number of the excavator or by calling the telephone number of the  
41 responsible person as provided by the excavator under subdivision (4) of subsection 2 of section  
42 319.026;

43 (2) By leaving a message on the recording device for such numbers;

44 (3) By calling the cellular telephone number of the excavator or responsible person;

45 (4) By notifying the excavator by facsimile or electronic mail at numbers or addresses stated  
46 by the excavator in the notice of excavation made under subsection 2 of section 319.026;

1 (5) By marking "clear" or "OK" at the site of excavation; or

2 (6) By verbally informing the excavator in person.

3 If the only means of contacting the excavator is one or more telephone numbers provided by the  
4 excavator in the notice of excavation under section 319.026, then two attempts by the underground  
5 facility owner to contact the excavator at one of the telephone numbers provided shall constitute  
6 compliance with this subsection.

7 2.7. A record of the date and means of informing the excavator that no facilities were located by  
8 the ~~owner or operator~~ underground facility owner shall be included in the written records of the  
9 underground facility owner regarding each specific notice of excavation.

10 3.8. In the event that ~~a person owning or operating~~ an underground facility owner fails to comply  
11 with the provisions of subsection 1 or subsection 6 of this section after notice given by an excavator  
12 in compliance with section 319.026, the excavator, prior to commencing the excavation, shall give a  
13 second notice to the notification center as required by section 319.026 stating that there has been no  
14 response to the original notice given under section 319.026. After the receipt of the notice stating  
15 there has been "no response", the ~~owner or operator of an~~ underground facility owner shall, within  
16 two hours of the receipt of such notice, mark its facilities or contact and inform the excavator of  
17 when the facilities will be marked; provided, however, that for "no response" notices made to the  
18 notification center by 2:00 p.m. on a working day, the markings shall be completed on the working  
19 day the notice is made to the notification center, and provided that for "no response" notices made to  
20 the notification center after 2:00 p.m. on a working day or on a non-working day, the markings shall  
21 be completed no later than 10:00 a.m. on the next working day. If an underground facility owner  
22 fails to mark its facilities or contact the excavator as required by this subsection, or fails to contact  
23 the excavator as required by subsection 6, the excavator may commence the excavation. Nothing in  
24 this subsection shall excuse the excavator from exercising the degree of care in making the  
25 excavation as is otherwise required by law. If an excavator submits a false "no response" notice to  
26 the notification center, the excavator may be liable to the affected underground facility owners for  
27 the costs associated with such owners' responses to the notice.

28 4.9. For purposes of subsections 1 and 6 of this section, a period of two working days begins at  
29 12:00 a.m. on the first working day following ~~when the request is made~~ the date when the  
30 notification center receives a notice of intent to excavate.

31 10. For purposes of subsection 5 of this section, a period of two working days begins at 12:00  
32 a.m. on the first working day following the date when a request for an on-site meeting is made.

1 **Information regarding sewer service connections, when provided, how provided.**

2 **319.032.** 1. In addition to the other requirements of section 319.030, the response to a notice of  
3 intent to excavate received by a sewer system owner, when such owner has underground facilities  
4 located in the area of excavation identified in the notice and when the notice indicates that trenchless  
5 excavation methods will be used, shall include a determination of whether sewer service connections  
6 exist or are likely to exist in the area of the excavation.

7 2. If the sewer system owner determines that sewer service connections exist or are likely to exist  
8 in the area of the excavation identified in a notice of intent to excavate, the owner shall provide his  
9 or her best available information regarding the location of such connections to the excavator by any  
10 of the following methods:

11 (1) Placing a triangular green mark at the approximate location of the sewer service  
12 connection pointing in the direction of the customer structure served;

13 (2) Providing electronic copies of the information to the excavator;

14 (3) Delivering copies of the information to the excavator by facsimile or by other agreed-  
15 upon means; or

16 (4) Arranging to meet the excavator at the site of the excavation to provide the information.

17 3. Providing the best available information regarding the location of sewer service connections  
18 that exist or are likely to exist in the area of excavation identified in a notice of intent to excavate  
19 shall constitute full compliance with this section, and a sewer system owner shall not be liable to any  
20 party for damages or injuries resulting from an excavation if they are in compliance with this  
21 section.

22 4. Providing the best available information regarding the location of sewer service connections  
23 that exist or are likely to exist in the area of excavation identified in a notice of intent to excavate  
24 shall not in and of itself constitute ownership, operation, control or management of sewer service  
25 lines by a sewer system owner.

26 **Compliance with law still requires excavation to be made in careful and prudent**  
27 **manner.**

28 **319.035.** Obtaining information as required by sections 319.010 ~~to 319.050~~ through 319.070 does  
29 not excuse any person making any excavation from doing so in a careful and prudent manner.

1 **Excavation sites included in requirements - - equipment prohibited at such sites.**

2 **319.037.** 1. Notwithstanding any other provision of law to the contrary, the procedures and  
3 requirements set forth in this section shall apply on the site of any excavation involving trenchless  
4 excavation, including directional drilling, where the approximate location of underground facilities  
5 has been marked in compliance with section 319.030 and where any part of the walls of the intended  
6 bore are within the marked approximate location of the underground facility.

7 2. The excavator shall not use power-driven equipment for trenchless excavation, including  
8 directional drilling, within the marked approximate location of such underground facilities until the  
9 excavator has made careful and prudent efforts to confirm the horizontal and vertical location thereof  
10 in the vicinity of the proposed excavation through methods appropriate to the geologic and weather  
11 conditions, and the nature of the facility, such as the use of electronic locating devices, hand digging,  
12 pot holing when practical, soft digging, vacuum methods, use of pressurized air or water, pneumatic  
13 hand tools or other noninvasive methods as such methods are developed. Such methods of  
14 confirming location shall not violate established safety practices.

15 3. Nothing in this subsection shall authorize any person other than the owner or operator of a  
16 facility to attach an electronic locating device to any underground facility.

17 4. For excavations paralleling the underground facility, ~~such the~~ efforts to confirm the location of  
18 the facility shall be made at careful and prudent intervals. The excavator shall also make careful and  
19 prudent efforts by such means as are appropriate to the geologic and weather conditions and the  
20 nature of the facility, to confirm the horizontal and vertical location of the boring device during  
21 boring operations.

22 5. Notwithstanding the foregoing, the excavator shall not be required to confirm the horizontal or  
23 vertical location of the underground facilities if the excavator, using the methods described in this  
24 section, excavates a hole over the underground facilities to a depth two feet or more below the  
25 planned boring path and then carefully and prudently monitors the horizontal and vertical location of  
26 the boring device in a manner calculated to enable the device to be visually observed by the  
27 excavator as it crosses the entire width of the marked approximate location of the underground  
28 facilities.

29 **Presumption of negligence, when, rebuttable.**

30 **319.040.** 1. The failure of any excavator to give notice of proposed excavation activities ~~as required~~  
31 ~~by this chapter~~ in accordance with the provisions of sections 319.022 through 319.070 shall be a  
32 rebuttable presumption of negligence on his or her part in the event that such failure shall cause  
33 injury, loss or damage. In addition to any penalties provided herein, liability under common law may  
34 apply.

35 2. The failure of an underground facility owner to inform an excavator of the approximate  
36 location of his or her facilities that are located in an area of excavation described in a notice of intent  
37 to excavate, as required by section 319.030, or the failure of an underground facility owner to be a  
38 notification center participant, as required by section 319.022, shall be a rebuttable presumption of  
39 negligence on the part of such owner in the event that such failure shall cause injury, loss or damage.  
40 In addition to any penalties provided herein, liability under common law may apply.



1 **Safe and prudent excavation required.**

2 **319.041.** Nothing in the foregoing shall relieve an excavator from the obligation to excavate in a safe  
3 and prudent manner, nor shall it absolve an excavator from liability for damage to legally installed  
4 facilities.

5 **No abrogation of contractual obligations with railroads.**

6 **319.042.** Notwithstanding any provision of law to the contrary, nothing in this chapter shall abrogate  
7 any contractual provisions entered into between any railroad and any other party owning or  
8 operating an underground facility within the railroad's right-of-way. ~~For railroads regulated by the~~  
9 ~~Federal Railroad Administration, sections 319.015 to 319.050 shall not include any underground~~  
10 ~~facility owned or operated by a railroad on land which the railroad owns or any excavation done by a~~  
11 ~~railroad when such excavation is done entirely on land which the railroad owns.~~

1 Notice to notification center if underground facility is damaged, dislocated or disturbed  
2 ~~to notification center~~, when - - duties of excavator ~~--- civil penalties --- attorney general~~  
3 ~~may bring action.~~

4 **319.045.** 1. In the event of any damage or dislocation or disturbance of any underground facility in  
5 connection with any excavation, the person responsible for the excavation operations shall  
6 immediately notify the notification center. This subsection shall be deemed to also require reporting  
7 of any damage, dislocation, or disturbance to trace wires, encasements, cathode-cathodic protection  
8 facilities, permanent above-ground stakes or markers, or other such items utilized for protection of  
9 the underground facility.

10 2. In the event of any damage or dislocation or disturbance to any underground facility or any  
11 protective devices required to be reported by the excavator under subsection 1 of this section, in  
12 advance of or during the excavation work, the person responsible for the excavation operations shall  
13 not conceal or attempt to conceal such damage or dislocation or disturbance, nor shall that person  
14 attempt or make repairs to the facility unless authorized by the owner or operator of the facility. In  
15 the case of sewer lines or facilities, emergency temporary repairs may be made by the excavator  
16 after notification without the owners' or operators' authorization to prevent further damage to the  
17 facilities. Such emergency repairs shall not relieve the excavator of responsibility to make  
18 notification as required by subsection 1 of this section.

19 ~~3. Any person who violates in any material respect the provisions of section 319.022, 319.025,~~  
20 ~~319.026, 319.029, 319.030, 319.037, or this section or who willfully damages an underground~~  
21 ~~facility shall be liable to the state of Missouri for a civil penalty of up to ten thousand dollars for~~  
22 ~~each violation for each day such violation persists, except that the maximum penalty for violation of~~  
23 ~~the provisions of sections 319.010 to 319.050 shall not exceed five hundred thousand dollars for any~~  
24 ~~related series of violations. An action to recover such civil penalty may be brought by the attorney~~  
25 ~~general or a prosecuting attorney on behalf of the state of Missouri in any appropriate circuit court of~~  
26 ~~this state. Trial thereof shall be before the court, which shall consider the nature, circumstances and~~  
27 ~~gravity of the violation, and with respect to the person found to have committed the violation, the~~  
28 ~~degree of culpability, the absence or existence of prior violations, whether the violation was a willful~~  
29 ~~act, the effect on ability to continue to do business, any good faith in attempting to achieve~~  
30 ~~compliance, ability to pay the penalty, and such other matters as justice may require in determining~~  
31 ~~the amount of penalty imposed. (Moved to section 319.046 as subsections 1 & 2, with some~~  
32 ~~changes made.)~~

33 ~~4. The attorney general may bring an action in any appropriate circuit court of this state for~~  
34 ~~equitable relief to redress or restrain a violation by any person of any provision of sections 319.010~~  
35 ~~to 319.050. The court may grant such relief as is necessary or appropriate, including mandatory or~~  
36 ~~prohibitive injunctive relief, temporary or permanent. (Moved to section 319.046 as subsection 3,~~  
37 ~~with some changes made.)~~

Attorney general authorized to take actions to recover civil penalties and to obtain equitable relief - - public service commission authorized to investigate certain possible violations and to make referrals to attorney general for prosecution - - submission of certain compliance information and investigation requests to public service commission authorized.

**319.046. 1.** Any person who violates in any material respect the provisions of ~~section 319.022, 319.025, 319.026, 319.029, 319.030, 319.037, or this section~~ sections 319.022 through 319.070, or who willfully damages an underground facility, shall be liable to the state of Missouri for a civil penalty of up to ten thousand dollars for each violation for each day such violation persists, except that the maximum penalty for violation of the provisions of sections ~~319.010 to 319.050~~ 319.022 through 319.070 shall not exceed five hundred thousand dollars for any related series of violations.

**2.** An action to recover ~~such civil penalty~~ the civil penalties authorized by subsection 1 of this section may be brought by the attorney general or a prosecuting attorney on behalf of the state of Missouri in any appropriate circuit court of this state. Trial thereof shall be before the court, which shall consider the nature, circumstances and gravity of the violation, and with respect to the person found to have committed the violation, the degree of culpability, the absence or existence of prior violations, whether the violation was a willful act, the effect on ability to continue to do business, any good faith in attempting to achieve compliance, ability to pay the penalty, and such other matters as justice may require in determining the amount of penalty imposed.

**3.** The attorney general may bring an action in any appropriate circuit court of this state for equitable relief to redress or restrain a violation by any person of any provision of sections ~~319.010 to 319.050~~ 319.022 through 319.070. The court may grant such relief as is necessary or appropriate, including mandatory or prohibitive injunctive relief, temporary or permanent.

**4.** Subject to the limitations set out in subsection 6 of this section, the public service commission is authorized to investigate possible violations of sections 319.022 through 319.070 by any person subject to the provisions of those sections, and is further authorized to refer any such violations found to the attorney general for prosecution under the provisions of subsection 2 and subsection 3 of this section.

**5.** Subject to the limitations set out in subsection 6 of this section, underground facility owners, excavators and the notification center are authorized to submit to the public service commission information supporting the investigations authorized by subsection 4 of this section, and are further authorized to request that the commission initiate an investigation authorized by subsection 4 of this section so long as the request includes information supporting the investigation.

**6.** The authority granted by subsection 4 of this section and the authority granted by subsection 5 of this section shall extend only to situations that directly involve gas companies, gas pipelines and municipal gas systems subject to the public service commission's jurisdiction for safety purposes, and to situations that directly involve pipeline operators subject to the provisions of 49 CFR Part 192 and 49 CFR Part 195 that are not otherwise subject to the commission's jurisdiction.

1 **Exemptions from requirement to obtain information.**

2 **319.050.** The provisions of sections 319.025 and 319.026 shall not apply to any excavation ~~when~~  
3 that is necessary due to an emergency as defined in section 319.015. An excavation may proceed  
4 regarding such emergency, provided all reasonable precautions have been taken to protect the  
5 underground facilities. In any such case, the excavator shall give notification, substantially in  
6 compliance with section 319.026, as soon as practical, and upon being notified that an emergency  
7 exists, each underground facility owner in the area shall, within two hours after receiving such  
8 notice, provide markings or contact the excavator with any information immediately available to  
9 assist the excavator and shall inform the excavator if not able to mark within the two hours of when  
10 the underground facility will be marked at the site of the emergency. The excavator may be liable to  
11 ~~the owner or operator~~ an underground facility owner for costs directly associated with the locating of  
12 any such underground facility relating to a notification of an emergency that does not meet the  
13 definition of emergency as stated in section 319.015.

14 **Reporting of reportable events and excavation notifications, how, when - - public**  
15 **service commission annual report required - - confidentiality of reports.**

16 **319.055.** 1. Beginning January 1, 2012, each underground facility owner shall, and excavators and  
17 the notification center may, submit a report regarding each reportable event to the Missouri Virtual  
18 Private DIRT (data information reporting tool) data base established by the public service  
19 commission with the Common Ground Alliance (CGA). Such reports are to consist of the most  
20 current version of the CGA's DIRT field form and are to be submitted within sixty (60) days after  
21 the reportable event occurs or is discovered.

22 2. Beginning sixty (60) days after the end of the first quarter of calendar year 2012, and no later  
23 than sixty (60) days after the end of each subsequent calendar year quarter, each underground facility  
24 owner shall submit to the Missouri Virtual Private DIRT data base a summary of the number and  
25 types of excavation notifications received from the notification center during the previous calendar  
26 year quarter, with such information to be submitted on a form provided by the public service  
27 commission.

28 3. Beginning June 1, 2013, and no later than June 1 of each year thereafter, the public service  
29 commission shall publish an annual report of aggregate information compiled from the reports  
30 submitted to the Missouri Virtual Private DIRT data base under the provisions of subsection 1 and  
31 subsection 2 of this section, with that report to include summaries regarding the number and cause of  
32 reportable events and the number and type of excavation notifications similar to the summaries for  
33 those items that are included in the annual DIRT report produced by the CGA.

34 4. Notwithstanding other provisions of the law to the contrary, the reports submitted to the  
35 Missouri Virtual Private DIRT data base under the provisions of subsection 1 and subsection 2 of  
36 this section shall not be considered public information; however, the annual report published by the  
37 public service commission under the provisions of subsection 3 of this section shall be considered  
38 public information.

1 **Performance measures and quality assurance programs for facility locating - - public**  
2 **service commission enforcement authority - - rulemaking authorized.**

3 **319.060.** 1. Effective January 1, 2012, underground facility owners subject to the public service  
4 commission's jurisdiction for any purpose, and pipeline operators subject to 49 CFR Part 192 and 49  
5 CFR Part 195 that are not otherwise subject to the commission's jurisdiction, shall implement  
6 performance measures applicable to all persons performing underground facility locating for such  
7 owners, and shall also implement a quality assurance program to ensure their facility locating  
8 performance measures are being met.

9 2. The requirements of subsection 1 of this section shall only apply to the referenced pipeline  
10 operators if the pipeline and hazardous materials safety administration of the federal department of  
11 transportation has not established similar requirements applicable to such operators.

12 **Underground facilities to be locatable, when, how - - sewer service connections to be**  
13 **locatable, when, how.**

14 **319.070.** 1. Beginning January 1, 2012, underground facility owners shall install their underground  
15 facilities, including replacement facilities as well as new facilities, in a manner such that the  
16 facilities can be located through the use of electronic locating devices, or they shall document the  
17 location of such facilities on as-built drawings, or by the use of other means such as the state plane  
18 coordinates system, in a manner such that they can provide the approximate location of the facilities.

19 2. In addition to the requirements of subsection 1 of this section, sewer system owners shall  
20 ensure that sewer service connections made to their collecting sewers on or after January 1, 2012 can  
21 be located through the use of electronic locating devices, or they shall document the location of such  
22 connections on as-built drawings, or by the use of other means such as the state plane coordinates  
23 system, in a manner such that they can provide the approximate location of the connections.

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PHMSA = Pipeline and Hazardous Materials Safety Administration (federal DOT)