



U.S. Department of Transportation
Pipeline and Hazardous Materials
Safety Administration



Pipelines and Informed Planning Alliance (PIPA)



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Population Encroachment

The Pipeline Safety Improvement Act 2002 (PSIA) required DOT and FERC to study land use practices, zoning ordinances, and preservation of environmental resources relative to transmission pipeline ROW and maintenance.







Population Encroachment

Information from study to be used to:

- Determine effective practices to limit encroachment on transmission pipeline ROW.
- Address and prevent hazards and risks to public, workers, and environment associated with ROW encroachment.
- Raise awareness of the risks and hazards of encroachment.
- Address preservation of environmental resources while maintaining ROW, recognizing pipeline operators' regulatory obligations.





Population Encroachment

Study, TRB Special Report 281, September 2004

Recommendations to PHMSA:

- Develop risk-informed land use guidance**
- Involve all stakeholders**
- Include expertise in risk analysis, risk communication, land use management, and developing regulations**
- Ensure process is transparent, independent, and peer reviewed**
- Refine the guidance over time**

Recommendations to transmission pipeline industry:

- Develop best practices for specification, acquisition, development, and maintenance of transmission pipeline ROW.**





Pipelines and Informed Planning Alliance (PIPA)

- **January, 2008 – PHMSA hosted the inaugural meeting of the Pipelines and Informed Planning Alliance (PIPA).**
- **Approximately 130 people attended the meeting and are participating in the PIPA effort.**
- **PIPA is a partnership of stakeholders whose purpose is to further enhance pipeline safety.**
- **PIPA focus – to develop more detailed guidance for property development in the vicinity of transmission pipelines.**





Pipelines and Informed Planning Alliance (PIPA)

Through PIPA, stakeholders are engaging each other to develop best practices for property development adjacent to transmission pipelines.

- Investigating existing best practices and different stakeholder needs and challenges.
- Seeking consensus to develop practical guidance on:
 - Land use policies
 - Range of appropriate land uses
 - Address the setbacks issue and other measures
- Discussing topics and approaches to include:
 - Model local zoning ordinances and subdivision regulations
 - Model planning policies
 - Model state legislation





PIPA Task Teams

- **Protecting Communities** – What should pipeline safety stakeholders do, or avoid doing, adjacent to the pipeline right-of-way to reduce the risk to communities?
- **Protecting Transmission Pipelines** – What should pipeline safety stakeholders do, or avoid doing, on the right-of-way to reduce the risk to transmission pipelines while preserving environmental resources?
- **Communication** – How should the risks to transmission pipelines and communities be communicated among pipeline safety stakeholders?

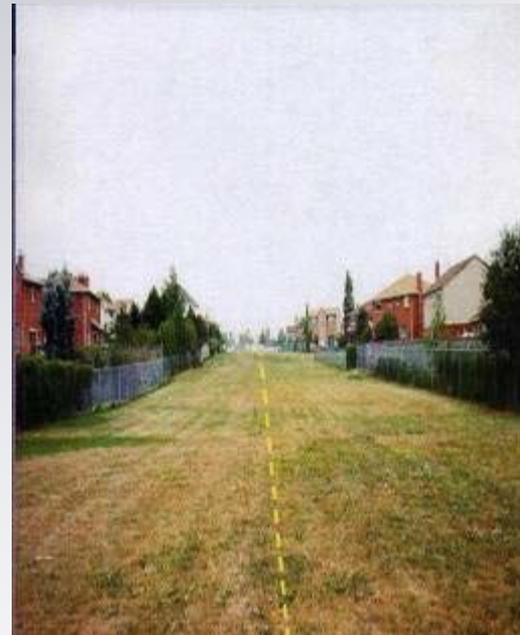




PIPA Report

The practices are grouped by the stakeholder audience taking action. In addition to the information contained in the scenario section, a Practice Description expands on the Practice Statement to provide additional details. The audience sections provide practices for key stakeholders:

- Local Government
- Property Developer/Owner
- Pipeline Operator
- Real Estate Commission



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PIPA Report

- Ongoing discussion regarding BL06 – Planning Zone and ND11 -23
- July 9 – 10 PIPA consensus meeting in DC on BL06
- Consensus has been reached on the remainder of the report
- Completion of the PIPA Final Report Summer 2009
- Final PIPA Report will be integrated into an interactive application on PHMSA's Stakeholder Communications website and maintained as an evergreen document
- PHMSA presenting at national and state stakeholder conferences
- Communications Team evaluating options for disseminating the report to stakeholder communities

Stakeholder Communications

PHMSA Pipeline Safety Program

Home General Public Local Officials State Regulators Federal Agencies Emergency Officials Advocates Industry Excavators

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Stakeholder Communications

We are the Office of Pipeline Safety (OPS) within the U. S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

OPS is the primary federal regulatory agency responsible for ensuring the safe, reliable, and environmentally sound operation of America's energy pipelines. We develop and implement pipeline safety regulations at the federal level, and we share regulatory responsibility with the states, with whom we oversee more than two million miles of pipelines.

We are changing the way pipelines are regulated and we have new strategies that are improving the operation of pipelines as well as public and environmental safety.

We are now more mindful than ever of the roles that others play in helping to ensure the safe, sustained flow of energy products across our country. We are actively partnering with state and local officials, first responders, excavators and the general public - among others - to "get the word out" on pipeline safety. All of us, in one way or another, are pipeline safety stakeholders.

On this website you will find information that you can use right now - regardless of your stakeholder interest -- to help ensure pipeline safety in your community. To begin, please select the stakeholder tab above that best describes you or select a topic from the menu on the left.

If you don't have time to browse our website you can follow this link to download a printable brochure about OPS.

Be sure to come back and browse when you have more time.

Following are some recent items of interest related to pipeline safety. Please visit <http://phmsa.dot.gov/ppipeline> for additional What's New and event information.

What's New

- PHMSA solicits additional research on alternative fuels and to address pipeline integrity issues with ethanol, biodiesel, biogas and hydrogen (October 2008)
- PHMSA Publishes Final Rule for Increasing Maximum Allowable Operating Pressure on Gas Transmission Pipelines (October 2008)
- PHMSA Issues Guide for Strengthening State Damage Prevention Programs (September 2008)
- PHMSA Advisory Bulletin: Pipeline Safety: Notice to Operators on the Regulatory Status of Direct Sales Pipelines (May 2008)
- PHMSA Advisory Bulletin: Pipeline Safety: Installation of Excess Flow Valves into Gas Service Lines (June 2008)
- Report - Virginia Pilot Project - Incorporating GPS Technology to Enhance One-Call Damage Prevention - Phase I: Electronic White-lining
- Pipelines and Informed Planning Alliance (PIPA)
- PHMSA Publishes Final Rule to Relax Applicability of Public Awareness Regulations to Certain Gas Distribution Operators (December 2007)
- NTSB Study on Supervisory Control and Data Acquisition Systems in Liquid Pipelines (November 2005)



Thank You

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<http://primis.phmsa.dot.gov/comm/LandUsePlanning.htm>

Questions?



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