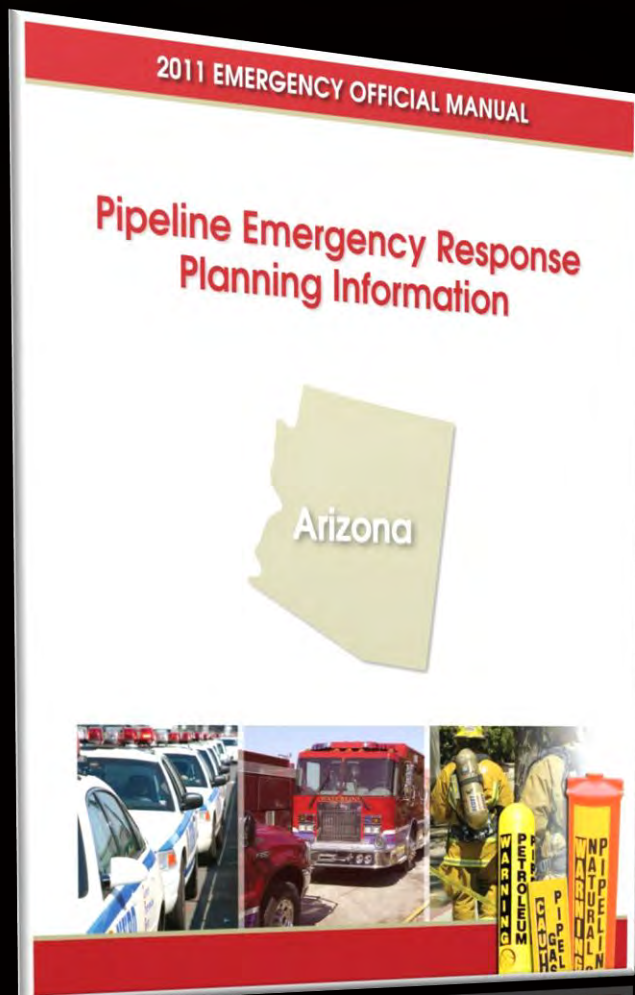


# Pipeline Emergency Response & Damage Prevention



INSTRUCTOR

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# 2011 Paradigm Attendance Stats Through Q2

	A	B	C	D	E	F	G
1	QUARTER	2009 MEETINGS	2009 ATTENDEED	2010 MEETINGS	2010 ATTENDEES	2011 MEETINGS	2011 ATTENDEES
2	Q1	127	9,361	320	19,803	432	27,479
3	Q2	170	12,176	144	8,918	161	10,730
4	Q3	65	5,435	51	5,203		
5	Q4	57	3,537	50	3,110		
6	<b>Grand Total</b>	<b>419</b>	<b>30,509</b>	<b>565</b>	<b>37,034</b>	<b>593</b>	<b>38,209</b>
7							





- Pipeline purpose and reliability
- Safety initiatives of pipeline companies
  - Damage prevention
- Products, hazards and characteristics
  - Leak recognition and response
- Defining “High Consequence Areas”
  - Incident briefing/Scenario



# *Program Overview*

# *How many pipeline safety programs have you attended?*

- |                            |    |
|----------------------------|----|
| A. 1 <sup>st</sup> Program | 0% |
| B. 2 <sup>nd</sup> Program | 0% |
| C. 3 <sup>rd</sup> Program | 0% |
| D. 4 or more Programs      | 0% |



**10**

Countdown  
Timer  
On Slide

- ❖ It's a toll free call
- ❖ Ticket requests by phone or electronically
- ❖ Always call before you dig – It's the law



**Contact Arizona Blue Stake BEFORE you dig.**      **Statewide call 811 or 1-800-782-5348**  
**in Maricopa County call 602-263-1100**      *Or click to submit your request online*

<a href="#">HOME</a>	<a href="#">HOMEOWNERS</a>	<a href="#">PROFESSIONAL EXCAVATORS</a>	<a href="#">FACILITY OWNERS/OPERATORS</a>	<a href="#">DESIGNERS</a>	<a href="#">LANDLORDS</a>	<a href="#">ABOUT</a>	<a href="#">CONTACT</a>
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	<p>E-Stake is Arizona Blue Stake's online ticket creation and ticket management tool for excavators. E-Stake offers 24/7 access to the same maps used by our locate specialists.</p> <p><b>Click here to <a href="#">Login</a>, <a href="#">learn more</a> or <a href="#">Sign Up</a> for free training.</b></p>
	<p>Homeowners can also create Blue Stake tickets online 24/7. The process is fast and easy and can be used any time, every time you plan to excavate in your yard.</p>

<p><b>HOMEOWNERS</b>          Planning to dig in your yard?  <a href="#">Click to create a request for markings online!</a></p>
<p><b>PROFESSIONAL EXCAVATORS</b></p>
<p><b>FACILITY OWNERS/OPERATORS</b></p>
<p><b>DESIGNERS</b></p>

# Damage Prevention

# *Purpose & Scope*

- ❖ Learn responsibility and resources of government organizations who may respond to a pipeline emergency
- ❖ Acquaint officials with the operators abilities in responding to a pipeline emergency
- ❖ Identify types of pipeline emergencies which the operators maybe notifying emergency officials
- ❖ Plan how operators and officials can engage in mutual assistance to minimize hazards to life or property



Reference: 49 CFR Part 192.615 & 195.402

# *Pipeline System Information to be covered*

- ✓ Operator/Company Name
- ✓ Pipeline Systems/products
- ✓ Location of pipelines
- ✓ Pipeline size and operation pressure ranges
- ✓ Average operator response time
- ✓ Types of emergency response to our pipelines



### Operator Page Suggestions

The National Transportation Safety Board (NTSB) has recommended operators consider the usability of distributed information. Paradigm recommends operators consider the following when submitting information for operator pages.

- **PHMSA Bulletin [Docket No. PHMSA-2010-0307]**

*Title: Pipeline Safety: Emergency Preparedness Communications*

*Summary: PHMSA is issuing an Advisory Bulletin to remind operators of gas and hazardous liquid pipeline facilities that they must make their pipeline emergency response plans available to local emergency response officials. PHMSA recommends that operators provide their emergency response plans to officials through their required liaison and public awareness activities. PHMSA intends to evaluate the extent to which operators have provided their emergency plans to local emergency officials when PHMSA performs future inspections for compliance with liaison and public awareness code requirements.*

- **Gas Operators: CFR 49 Part 192.615 (c)**

- (2) Acquaint the officials with the operator's ability in responding to a pipeline emergency;
- (3) Identify the types of gas pipeline emergencies of which the operator notifies the officials
- (4) Plan how the operator and officials can engage in mutual assistance to minimize hazards to life or property.

- **Liquid Operators: CFR 49 Part 195.402**

(c)(12) ... acquaint the officials with the operator's ability in responding to a hazardous liquid or carbon dioxide pipeline emergency and means of communication.

(e)(1) Receiving, identifying, and classifying notices of events which need immediate response by the operator or notice to fire, police, or other appropriate public officials and communicating this information to appropriate operator personnel for corrective action.

(e)(7) Notifying fire, police, and other appropriate public officials of hazardous liquid or carbon dioxide pipeline emergencies and coordinating with them preplanned and actual responses during an emergency, including additional precautions necessary for an emergency involving a pipeline system transporting a highly volatile liquid.

We also suggest reviewing all material that you may be distributing at the meeting. The material should be meaningful and useful to the recipients of the information.



# Transportation Security Administration

## Pipeline Security

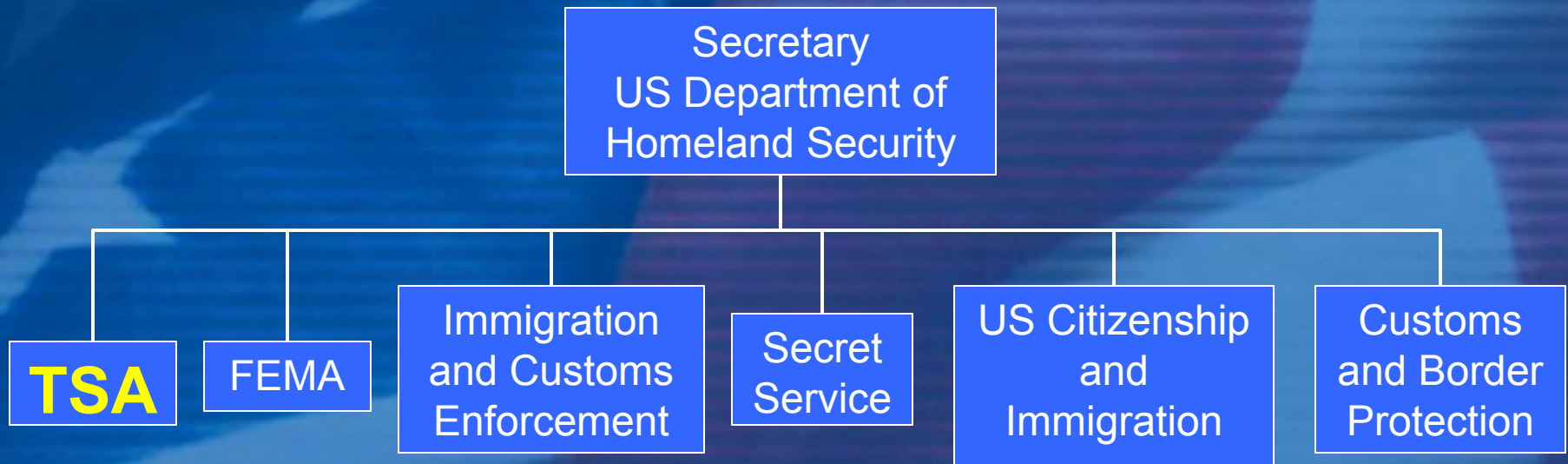
Pipeline Security Division

TSA Headquarters

Arlington, VA

[pipelinesecurity@dhs.gov](mailto:pipelinesecurity@dhs.gov)

# TSA and U.S. Department of Homeland Security



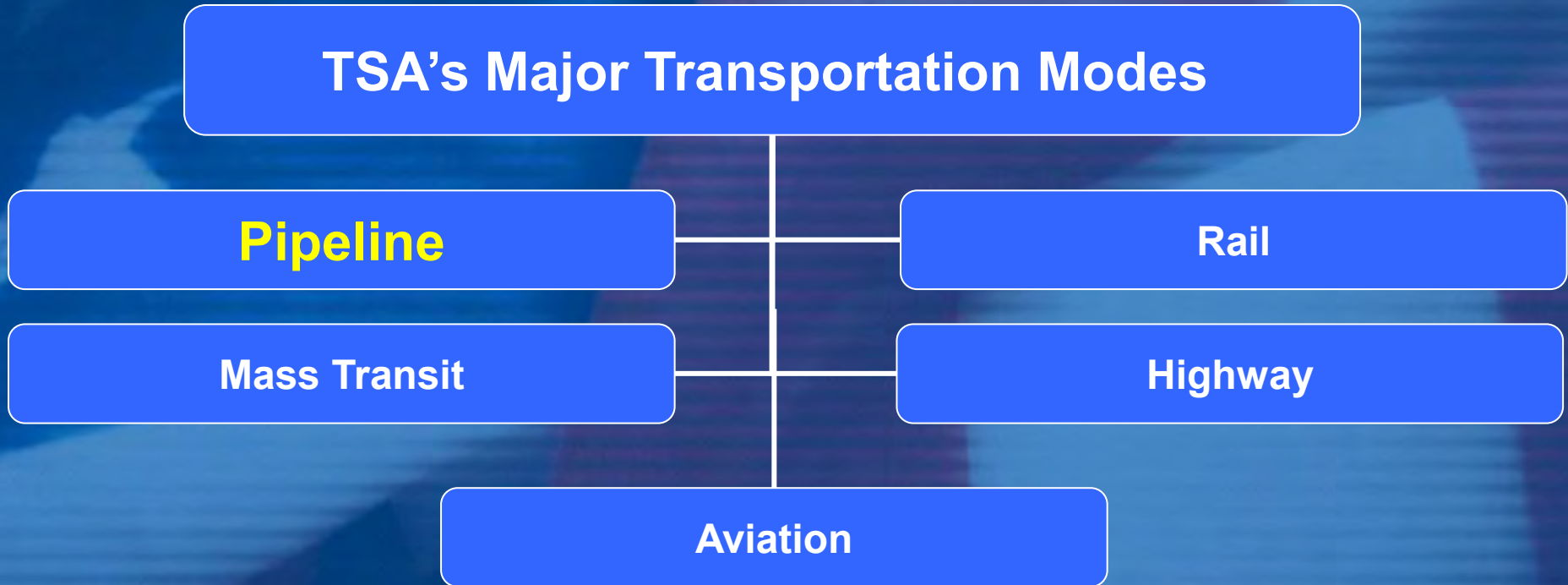
TSA Mission: Protect the Nation's transportation systems to ensure freedom of movement for people and commerce



Transportation  
Security  
Administration

# Pipeline Security Division

Part of Transportation Security Administration



Transportation  
Security  
Administration

# Mission - Pipeline Security Division

To enhance the security preparedness of the nation's hazardous liquid, natural gas, and toxic-inhalation-hazard pipeline systems

- Developing security programs
- Maintaining domain awareness
- Identifying industry smart practices
- Communicating with pipeline stakeholders



Transportation  
Security  
Administration

# Global Terrorist Focus on Oil and Gas

600+ Pipeline Attacks  
since 2003



Transportation  
Security  
Administration

# If you see something suspicious, say something

- 911 (local law enforcement)
- Pipeline Company (use number on pipeline marker)
- TSOC (Transportation Security Operations Center)
  - (866) 615-5150
  - [TSOC.ST@dhs.gov](mailto:TSOC.ST@dhs.gov)
  - TSOC shares information and does not initiate a federal response to the scene.



Transportation  
Security  
Administration

# Transportation Security Operations Center

(866) 615-5150

## Report the following:

- Explosions or fires of a suspicious nature
- Actual or suspected attacks on pipeline systems
- Bomb threats or weapons of mass destruction (WMD) threats to pipeline systems, facilities, or assets
- Theft of pipeline company vehicles, uniforms, or employee credentials
- Suspicious persons or vehicles around pipeline systems, facilities, assets, or right-of-way
- Suspicious photography or possible surveillance of pipeline systems, facilities, of assets



Transportation  
Security  
Administration

# Transportation Security Operations Center

(866) 615-5150

Report the following:

- Suspicious phone calls asking about company operations, vulnerabilities, or security practices
- Suspicious applicants for security-sensitive positions in the pipeline company
- Theft or loss of sensitive security information (pipeline maps, security plans, etc.)
- Actual or suspected cyber attacks on pipeline SCADA or enterprise associated IT systems



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# Pipeline Security DVDs

- Pipeline Security Awareness
- Protecting Pipeline Infrastructure – The Law Enforcement Role (for Law Enforcement)
- Countering IEDs (for Pipeline Companies)

For a Free DVD Visit:

[http://www.tsa.gov/what\\_we\\_do/tsnm/pipelines/training.shtm](http://www.tsa.gov/what_we_do/tsnm/pipelines/training.shtm)



Transportation  
Security  
Administration







# Online Training



- Pipeline Purpose & Reliability
- Hazards & Prevention
- Damage Prevention
- One-Call Requirements
- Leak Recognition & Response
- Potential Hazards
- Emergency Preparedness Communications
- National Pipeline Mapping System
- Additional Information
- Member Login
- Members Resource

Home

Emergency Officials

Product & Hazards

Meeting Schedule

Member Information

Awards

Contact Us



## Welcome

[Emergency Response Preparedness Report](#)

[Public Official Survey](#)

[Online Training Course](#)

**Kansas Pipeline Association** is a non-profit organization consisting of hazardous liquid, natural gas transmission, and natural gas distribution companies that have operations in the state. In Kansas, according to the Pipeline and Hazardous Materials Safety Administration (PHMSA) there are approximately 45 877 miles of underground pipeline

# 2011 Pipeline Safety Awareness & Emergency Response Programs

2 Credit Hours  
AZ POST Certified  
Course No. 10-076



See Inside for the 2011 schedule

# 2011 Pipeline Safety Awareness & Emergency Response Programs



## AGENDA

11:30 am - 12:00 pm Registration and Lunch  
 12:00 pm - 1:15 pm Program and Presentation  
 1:15 pm - 1:30 pm Questions and Answers

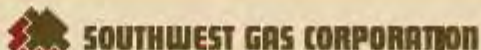
**2 Credit Hours**  
 AZ POST Certified  
 Course No. 10-076

#	Location	Date	Day	Facility	Venue Phone
1	Lake Havasu City	9/12/2011	Monday	Hampton Inn	928-855-4071
2	Yuma	9/13/2011	Tuesday	Hampton Inn	928-329-5600
3	Kingman	9/14/2011	Wednesday	Dambar Restaurant	928-753-3523
4	Flagstaff	9/15/2011	Thursday	Radisson Woodlands Hotel	928-774-0609
5	Show Low	9/20/2011	Tuesday	Hampton Inn & Suites Show Low	928-532-4444
6	Camp Verde	9/21/2011	Wednesday	Cliff Castle Casino Hotel	928-567-2653
7	Prescott	9/22/2011	Thursday	Stone Ridge Golf Club	928-772-6500
8	Phoenix	9/27/2011	Tuesday	Mesa Convention Center	480-644-2178
9	Tucson	9/28/2011	Wednesday	Doubletree Hotel at Reid Park	520-881-4200
10	Nogales	9/29/2011	Thursday	Best Western Sonora Inn & Suites	520-375-8500
11	Eagar	10/4/2011	Tuesday	VFW Hall	928-333-4634
12	Safford	10/5/2011	Wednesday	Quality Inn & Suites Safford	928-428-3200
13	Wilcox	10/8/2011	Thursday	Quality Inn Wilcox	520-384-3558



For questions or additional information, contact Paradigm at 877-477-1162 or visit our Website at [www.pdigm.com/pl](http://www.pdigm.com/pl)

Program Sponsors



Questions???

