

Utility Relocation Electronic Document Management System (UREDMS)

PennDOT's UREDMS

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012



Where Tradition and Transformation Converge

AASHTO

PennDOT's EDMS

PennDOT's electronic document management system (EDMS) functions as an electronic filing cabinet.

The electronic storage and indexing of these documents allows for easier search, faster retrieval, better revision control, and recovery of valuable office space.



PennDOT's UREDMS

UREDMS is part of EDMS that is used for Utility Relocations.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*

Where Tradition and Transformation Converge

AASHTO



Why was it implemented

As part of the Secretary of Transportation's moving PA forward agenda in 2000.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012

Where Tradition and Transformation Converge

AASHTO



Why was it implemented

The Deputy Secretary was also committed to maintaining a strong leadership role in PennDOT's use of technology and was looking for ways we can use technology to improve our work lives.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012

Where Tradition and Transformation Converge 



When was UREDMS implemented

PennDOT's Utility Relocation Units used a mainframe system from 1988 to 2002.

The mainframe system was used to store and track utility information (not documents).

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012



Where Tradition and Transformation Converge AASHTO

When was UREDMS implemented

The development tool that was used to create the mainframe system was going to be phased out by the Department as a supported product.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*



Where Tradition and Transformation Converge

AASHTO

How was UREDMS implemented

In 2001 and information technology (IT) submission to the Information Technology Management Center (ITMC) was submitted to replace the mainframe system with a system that is in line with the Department's current technology direction.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012



Where Tradition and Transformation Converge AASHTO

How was UREDMS implemented

PAW (Project Application Worksheet) for IT projects needed to be completed as part of the business budget plan.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*



Where Tradition and Transformation Converge **AASHTO**

How was UREDMS implemented

ITMC sent the PAWs funding recommendation to PMC (Program Management Committee).

The request included costs / benefits analysis and payback period.

It also included the benefits UREDMS would have on users.



Cost and Design of UREDMS

The original design was to develop the system in phases.

- Phase 1 (\$134,000)
- Phase 2 (\$210,000)

The total cost for these phases was \$344,000.



Cost and Design of UREDMS

Phase 3 was developed in 2006.

The purpose was to enhance UREDMS.

The enhancement made portions of the system web accessible to utility organizations including but not limited to electric, gas, steam, sanitary sewerage, pipelines, telecommunications and / or local authorities.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*

Where Tradition and Transformation Converge **AASHTO**



Cost and Design of UREDMS

The total cost of phase 3 was around \$640,000.

It included input and suggestions from the Districts & Utility Companies, the development, some training and limited support.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*

Where Tradition and Transformation Converge **AASHTO**



PennDOT's UREDMS is Two Parts

UREDMS Internal (which is intranet based) is for PennDOT's District and Central Office personnel.

UREDMS External (which is internet based) is for Utility Company personnel.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012

Where Tradition and Transformation Converge

AASHTO

PennDOT's UREDMS

The system is used to download and upload main documents and packages for:

- utility relocation agreements
- utility relocation permits
- utility cost sharing requests
- utility real property interest documents
- utility relocation plans
- utility requests for incorporated utility work

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*

Where Tradition and Transformation Converge **AASHTO**



PennDOT's UREDMS

When users log into the homepage, they have access to:

- different links along the left hand side of the page.
- information about what's new in the middle of the page.

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*

Where Tradition and Transformation Converge

AASHTO



PENNDOT'S (INTERNAL) UREDMS HOMEPAGE

EDMS - A better way to store and manage information. - Microsoft Internet Explorer provided by PENNDOT

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Print Preview Stop

Address <http://pdfpedms2k315/edms/main.asp> Go Links

Home User: Iditty Group: Rs_UtilityAuthor [log out](#)

EDMS Tools

- EDMS Search
- CS Import
- IS Import
- EDMS Help

UREDMS Tools

- UR Workflow
- UR Workflow Help
- UR Web
- UR Web Help

Links

- EDMS Information
- EDMS Reports
- PennDOT Internet
- PennDOT Intranet

Did You Know?

Search Results: Click once on the column heading to **sort** in ascending order. Click again to sort in descending order.

What's New in EDMS

03/08/2010 New This Month:

- **UREDMS**
 - o UREDMS will now also identify Project Level Documents for which previous notifications to utilities have been sent. District users will see these identified by in front of the document in the package list on the Project Level Notification screen
 - o UREDMS will now allow users to enter the Real Interest Property (RPI) Legal Opinion Date on the Relocation Tab for a utility project. This data will also automatically become part of the Estimate Transmittal form and the Agreement Worksheet when they are generated by the system.

11/09/2009 New This Month:

- **UREDMS**
 - o District users will now be able to easily identify which utility packages they have previously notified their utilities. In the package list on the Notification screen, these are identified by in front of the document.
- **GCEDMS**
 - o Users can now reset the search criteria when searching for Projects or Crossings. The reset button will clear the previous search criteria and return the fields to their default state.

08/31/2009 New This Month:

- **GCEDMS**
 - o Users can now search for Crossings by County and SR or by County and Municipality. This provides additional flexibility when searching for a crossing. To update Search Crossing screen update either the District or County fields. This will blank out the check mark by the SR or Municipality Fields.
 - o **Crossing Details Screen**

Applet EProcessLauncherApplet started Trusted sites

PENNDOT'S (INTERNAL) UREDMS WORK MANAGER

From the work manager users have access to:

- different projects and utility work items for projects.
- links to tabs (i.e. the utility address book and project level notifications).

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012



PENNDOT'S (INTERNAL) UREDMS WORK MANAGER SCREEN

UREDMS Work Manager User: Larry Ditty Server: PDFPEDMS2K315

Search

District **Queue**

- [-] District
 - [-] 01
 - [-] Crawford
 - [-] Erie
 - [-] Forest
 - [-] Mercer
 - [-] Venango
 - [-] Warren
 - [-] 02
 - [-] 03
 - [-] 04
 - [-] 05
 - [-] Berks
 - [-] Carbon
 - [-] Lehigh
 - [-] Monroe
 - [-] Northampton
 - [-] Schuylkill
 - [-] 06
 - [-] 08
 - [-] 09
 - [-] 10
 - [-] 11
 - [-] Allegheny
 - [-] Beaver
 - [-] Lawrence
 - [-] 12
 - [-] Fayette
 - [-] Greene
 - [-] Washington
 - [-] Westmoreland

| SR-SEC | MPMS# | Utility | Utility Type | Comments | Qu |
|----------|-------|--|--------------------|--|---------------------|
| 0000- BR | 2154 | Central Electric Co-op., Inc. | Electric | | UR01_Confirm_Involv |
| 0000- BR | 2154 | National Fuel Gas Distribution Corporation | | | UR01_Confirm_Involv |
| 0000- BR | 2154 | Verizon North | | | UR01_Confirm_Involv |
| 0000-000 | 1381 | National Fuel Gas Supply Corporation | | | UR01_Confirm_Involv |
| 0000-000 | 1381 | Verizon Pennsylvania Inc. | | | UR01_Confirm_Involv |
| 0000-H04 | 77162 | | | | UR08_Review_UCAS |
| 0000-T04 | 59415 | Pennsylvania Power Company | | | UR01_Confirm_Involv |
| 0000-T08 | 77175 | National Fuel Gas Supply Corporation | | | UR01_Confirm_Involv |
| 0000-T13 | 77185 | National Fuel Gas Distribution Corporation | Natural Gas | | UR01_Confirm_Involv |
| 0005-11M | 76896 | Erie City | | | UR01_Confirm_Involv |
| 0005-11M | 76896 | Erie Water Works | Water | | UR01_Confirm_Involv |
| 0005-11M | 76896 | Millcreek Township Sewer Authority | Sanitary Sewer | | UR01_Confirm_Involv |
| 0005-11M | 76896 | National Fuel Gas Distribution Corporation | | | UR01_Confirm_Involv |
| 0005-11M | 76896 | Pennsylvania Electric Company | | | UR01_Confirm_Involv |
| 0005-11M | 76896 | Verizon North | Telecommunications | | UR01_Confirm_Involv |
| 0005-A02 | 57836 | Comcast Cable | Cable Television | | UR01_Confirm_Involv |
| 0005-A02 | 57836 | Erie Water Works | Water | | UR01_Confirm_Involv |
| 0005-A02 | 57836 | Millcreek Township Sewer Authority | Sanitary Sewer | | UR01_Confirm_Involv |
| 0005-A02 | 57836 | National Fuel Gas Distribution Corporation | Natural Gas | | UR01_Confirm_Involv |
| 0005-A02 | 57836 | Pennsylvania Electric Company | Electric | | UR01_Confirm_Involv |
| 0005-A02 | 57836 | Verizon North | Telecommunications | | UR01_Confirm_Involv |
| 0006-14M | 67890 | Verizon Pennsylvania Inc. | | | UR01_Confirm_Involv |
| 0006-15M | 70734 | Columbia Gas of Pennsylvania, Inc. | | | UR01_Confirm_Involv |
| 0006-15M | 70734 | Mead Township | | | UR01_Confirm_Involv |
| 0006-15M | 70734 | National Fuel Gas Supply Corporation | | | UR01_Confirm_Involv |
| 0006-15M | 70734 | Northern Pipeline Company, Inc. | | | UR01_Confirm_Involv |
| 0006-15M | 70734 | Pennsylvania Electric Company | | | UR01_Confirm_Involv |
| 0006-15M | 70734 | Verizon Pennsylvania Inc. | | | UR01_Confirm_Involv |
| 0006-15M | 70734 | Windstream | | | UR01_Confirm_Involv |
| 0006-16M | 80494 | National Fuel Gas Distribution Corporation | | | UR01_Confirm_Involv |
| 0006-16M | 80494 | Pennsylvania Electric Company | | | UR01_Confirm_Involv |
| 0006-17M | 76892 | Atlantic Broadband, LLC | Telecommunications | | UR01_Confirm_Involv |
| 0006-17M | 76892 | Columbia Gas of Pennsylvania, Inc. | Natural Gas | | UR01_Confirm_Involv |
| 0006-17M | 76892 | Verizon Pennsylvania Inc. | Telecommunications | | UR01_Confirm_Involv |
| 0006-17M | 83003 | National Fuel Gas Distribution Corporation | | | UR01_Confirm_Involv |
| 0006-A04 | 75039 | National Fuel Gas Supply Corporation | Natural Gas | | UR01_Confirm_Involv |
| 0006-A04 | 75039 | Pennsylvania Electric Company | Electric | | UR01_Confirm_Involv |
| 0006-A04 | 75039 | Time Warner Cable | Cable Television | | UR01_Confirm_Involv |
| 0006-A04 | 75039 | Verizon North | Telecommunications | | UR01_Confirm_Involv |
| 0006-P04 | 252 | Windstream | Telecommunications | Final payment of \$30,252.00 made on 06/ | UR01_Confirm_Involv |

Open Launch Address Book Dept Force Gen Docs Refresh Import Config Notify Close ?

Java Applet Window

PENNDOT'S (EXTERNAL) UREDMS HOMEPAGE

When users log into to the (external) homepage, they have access to different links along the left hand side of the page. The links are for:

- PennDOT's Homepage
- PennDOT's Utility Personnel Contact List
- PennDOT's Registration Process
- PennDOT's Project Letting Schedule
- UREDMS ETraining

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012

Where Tradition and Transformation Converge

AASHTO

PENNDOT'S (EXTERNAL) UREDMS HOMEPAGE

UREDMS Home - Microsoft Internet Explorer provided by PENNDOT

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address <https://www.dot15.state.pa.us/uredmsweb/home.jsp> Go Links

Utility Relocation - Electronic Document Management System

You must be an ECMS registered user to login to the UREDMS [Login](#)

Home

Did You Know?

- In order to take advantage of the many benefits of doing business electronically with PennDOT, Utility Companies must use UR-EDMS. Some of the key benefits are:
 - saves time and money
 - quicker submission and response times
 - electronic document storage capability

Contacts

- For questions regarding this site or the business partner registration process; please contact the ECMS Help Desk at (717) 783-7711.

[Top](#)

This site is best viewed with Internet Explorer 6.0/SP1 and a screen resolution of 1024x768

Trusted sites

Navigation Menu:

- Projects**
 - Current Projects
 - Completed Projects
 - Historical Projects
- Links**
 - Home
 - UREDMS Help
 - UR Contact List
 - ECMS Registration
 - eBidding
 - PennDOT Home
 - UREDMS ETraining

PENNDOT'S (EXTERNAL) UREDMS CURRENT PROJECT SCREEN

When users click on the current projects link, they have access to:


- different types of documents and packages to download and upload.
- project specific information.



PENNDOT'S (EXTERNAL) UREDMS CURRENT PROJECT SCREEN

UREDMS Current Project Details - Microsoft Internet Explorer provided by PENNDOT

Address: https://www.dotdev14.state.pa.us/uredmsweb/viewprojectdetails.jsp



[Logout](#)

Home > Current Projects > 51032 Project Details

User: Mankey, Kimberly **Utility: Power Company** Documents | Packages

51032 -


| | | | |
|------------------|-----------------|----------------|--|
| County: | Armstrong | SR & Section: | 0422 - 171 |
| Vendor ID: | | Federal ID: | 452334453 |
| Permit #: | | Issuance date: | |
| Agreement #: | | Executed date: | |
| Primary Contact: | Jane PowerAdmin | Description: | REPLACE EXISTING FLASHING BEACON WITH TWO TRAFFIC SIGNALS. |

| | |
|--|--|
| <p>Utility inputs</p> <p>Utility company ID #: MOVE ME 1 Physical work started: 12/21/2005 Physical work completed: 12/01/2006 Utility not affected?: <input type="checkbox"/> Yes, not affected</p> | <p>PennDOT inputs</p> <p>Preliminary Engineering authorized: Authorization to proceed: LetDate(Actual): 12/19/2002 AssignedTo:</p> |
|--|--|

Project contact

| Name | Phone | E-mail |
|------------------|---------------|--------------------|
| PowerAdmin, Jane | (444)444-4444 | fakeemail@fake.com |

PennDOT project documents (view only)

 **No documents found**

Utility packages

| Package type | Status | Submitted by | Original submission date | Date notification sent to utility |
|------------------------------|---------------|------------------|--------------------------|-----------------------------------|
| Agreement package | Submitted | PowerAdmin, Jane | 12/15/2006 10:47:50 AM | |
| Incorp. work request package | Not submitted | | | |
| Permit package | Submitted | PowerAdmin, Jane | 12/15/2006 10:41:47 AM | |
| Cost sharing package | Submitted | PowerAdmin, Jane | 02/23/2007 02:18:59 PM | |

Trusted sites

AASHIO

PENNDOT'S UREDMS E-TRAINING

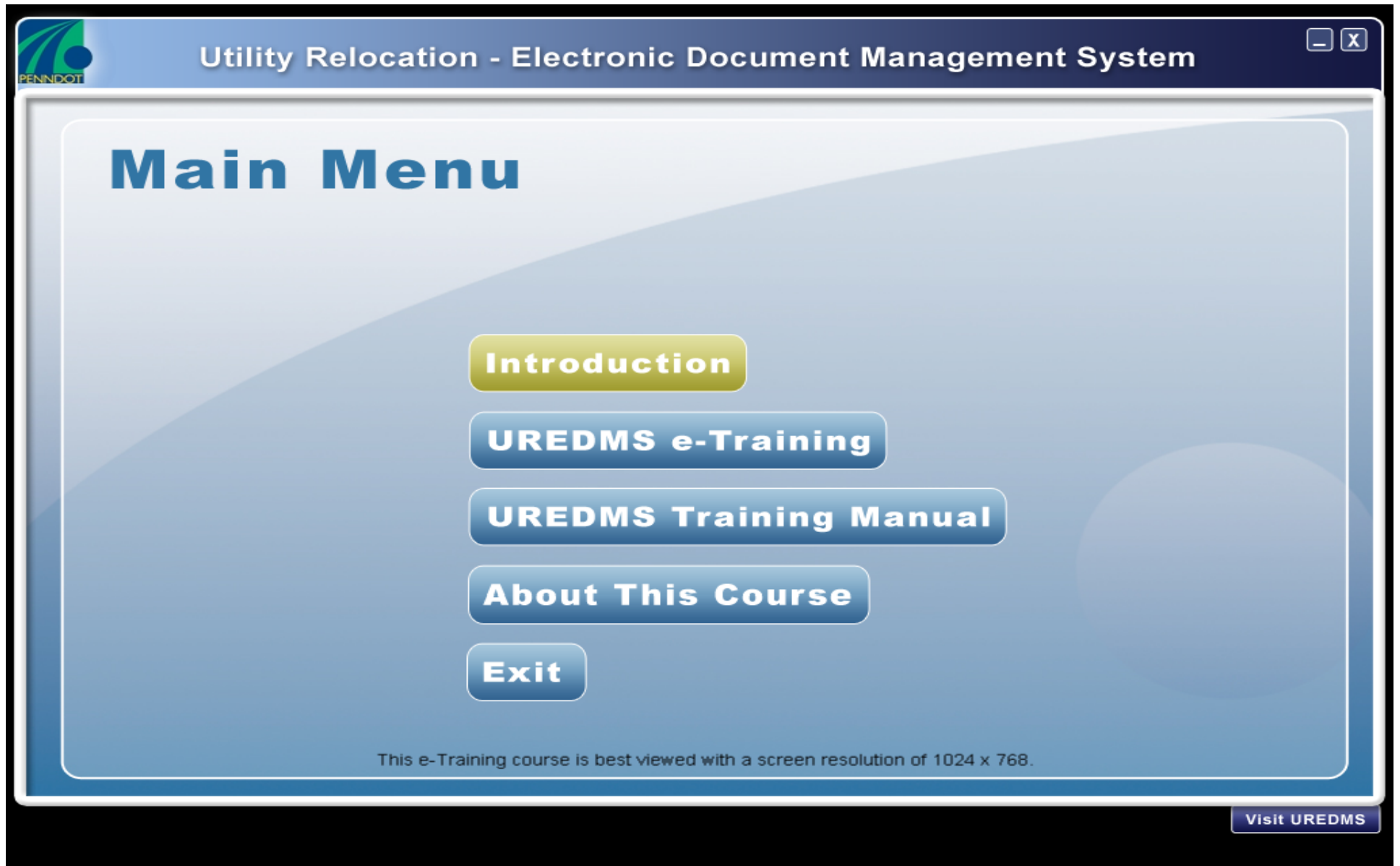
When external users open the e-training, they have access to a detailed electronic training video that shows how to use UREDMS.

The complete e-training video is available to everyone and is about 45 minutes.



UREDMS E-TRAINING

<ftp://ftp.dot.state.pa.us/transfer/UREDMS/eTraining/>



The image shows a screenshot of a web-based interface for the Utility Relocation - Electronic Document Management System (UREDMS). The interface has a dark blue header bar with the PENNDOT logo on the left and the text "Utility Relocation - Electronic Document Management System" on the right. Below the header, the main content area is light blue and features the title "Main Menu" in large, bold, dark blue letters. In the center of the main area, there are five stacked, rounded rectangular buttons with a gradient from light blue to dark blue. The buttons are labeled "Introduction", "UREDMS e-Training", "UREDMS Training Manual", "About This Course", and "Exit". The "Introduction" button is highlighted with a yellow-to-green gradient. At the bottom of the main content area, there is a small line of text: "This e-Training course is best viewed with a screen resolution of 1024 x 768." In the bottom right corner of the interface, there is a small blue button labeled "Visit UREDMS".

Introduction

UREDMS e-Training

UREDMS Training Manual

About This Course

Exit

This e-Training course is best viewed with a screen resolution of 1024 x 768.

Visit UREDMS

Questions

If there are any questions about PennDOT's Utility Relocation Electronic Document Management System, please contact the PennDOT Central Office Utility Relocation Unit at one of the phone numbers listed below.

- Larry Ditty at 717-214-8762
- Chris Magness at 717-787-5305
- Mike Tavani at 717-787-4037

2012 AASHTO Subcommittee on Right of Way and Utilities Conference

*Marriott Waterfront Hotel – Portland, Oregon
April 29 to May 3, 2012*

Where Tradition and Transformation Converge

AASHTO

