

# Training Update

## Intro to Highway Construction and other Construction Applicable Trainings

### NDDOT Construction Conference

Tim Horner  
Program Director – Transportation Learning Network  
NDDOT Engineering & Technical Training Program

and

Chris Padilla  
Technical Specialist - NDDOT Engineering & Technical Training Program

# Transportation Learning Network (TLN)

A distance learning partnership among transportation departments.

- On-site Workshops
- Video Conferences
- Webinars
- Self-Paced Modules

# Learning Management System

- What is it?
  - Online training system
  - Access to thousands of training events/courses
  - Track training via Achievement Record
  - Revisit training for refresher
- For everyone
  - New or experienced employees
  - Leadership courses
  - Miscellaneous conferences, webinars, courses, etc.

# Introduction to Highway Construction – Engineers and Technicians



## Introduction to Highway Construction Engineers & Eng. Technicians

May 13-15, 2013  
Jamestown Gladstone Inn

Construction Services Division  
North Dakota Department of Transportation  
Bismarck, North Dakota



# Introduction to Highway Construction – Engineers and Technicians

- May 13 to 15 – 2013
- Gladstone Inn in Jamestown
- Target Audience:
  - Newly Graduated Engineers and Technicians
  - Minimal to no DOT project experience.

# Introduction to Highway Construction – Engineers and Technicians

## Speakers/Facilitators:

- Lance Bargmann
  - NDDOT Construction Division-Records
- Alan Rogneby
  - Former NDDOT Construction Division CERT Program Supervisor
- Ron Tessier
  - Former NDDOT Dickinson District - Materials Coordinator
- Ken Kadrmas
  - Former NDDOT Maintenance Division – Signing Section Supervisor
- Greg Semenko
  - NDDOT Devils Lake District Assistant District Engineer

# Introduction to Highway Construction – Engineers and Technicians

## Contacts:

- Tim Horner – Coordinator 701-328-9859  
– timothy.horner@ndsu.edu
- Alan Rogneby – Course Leader 701-400-7633  
– arogneby@bis.midco.net
- Denise Brown – Registration 701-328-9855  
– denise.brown.1@ndsu.edu
- Chris Padilla – Tech Specialist 701-328-9867  
– chris.padilla@ndsu.edu

# Introduction to Highway Construction – Engineers and Technicians

- How to Register: <http://tln.learnflex.net>
- Register on Transportation Learning Network/LTAP Learning Management System.
- Create account (new grads can use college email account and change it later)



**Transportation Learning Network**  
*A Partnership of DOTS and Universities*

Language: Profile ▾

**Login:**

user name:

password:

[Remind me of my password](#)

Welcome! For the best experience, and to take part in our offerings, please login or create a new account ([Guide to Creating an Account](#)).

But if you'd prefer to just browse our calendar and/or catalog of courses, [click here](#) and create an account later.

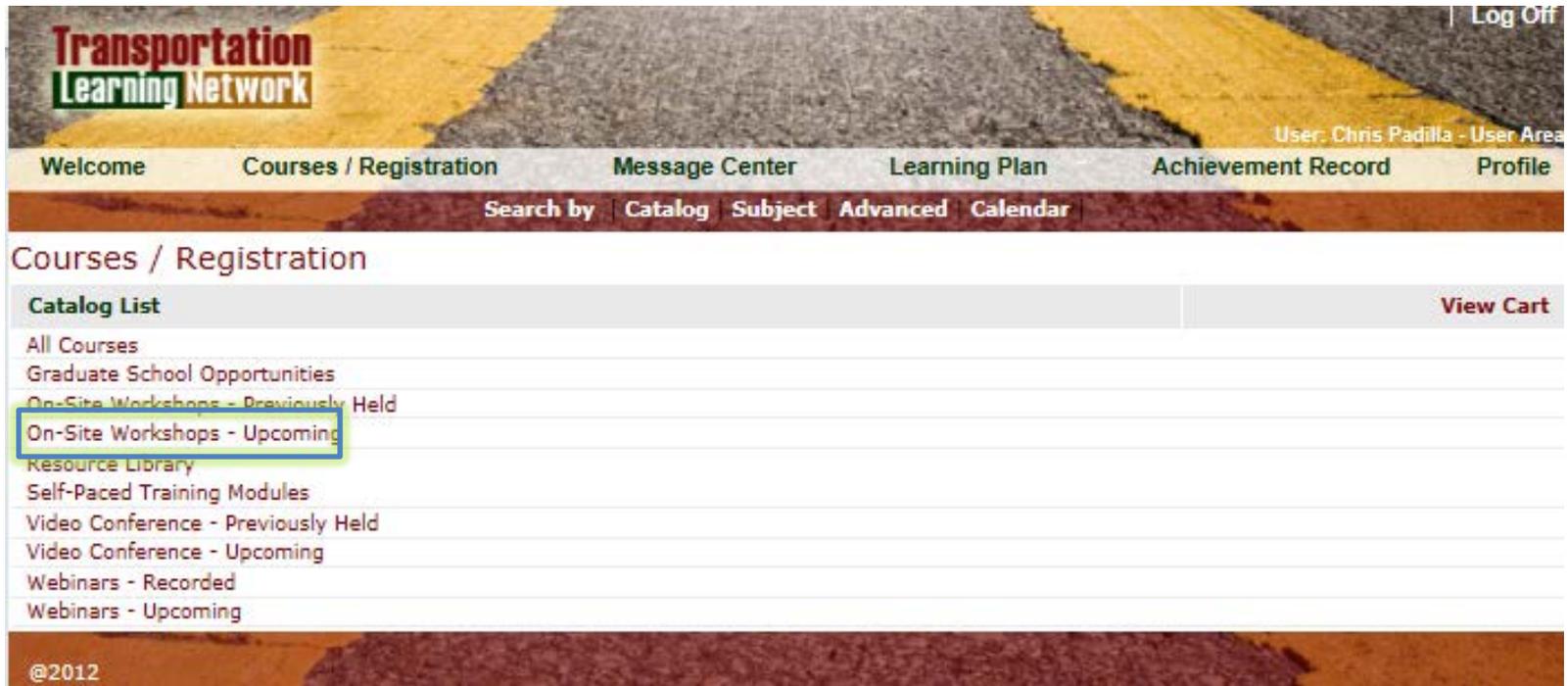
- Go to:
  - Courses/Registration
    - Catalog
      - On-Site Workshops – Upcoming
- Introduction to Highway Construction – Engineers and Technicians
- Note: The registration process will seem rigorous the first time but the system is easy to use and opens the user to many other learning modules and recorded webinars and video conferences.

# LMS Calendar

The screenshot displays the Transportation Learning Network (TLN) LMS interface. At the top, the navigation menu includes 'Welcome', 'Courses / Registration', 'Message Center', 'Learning Plan', 'Achievement Record', and 'Profile'. The 'Catalog' link is highlighted with a blue circle. Below the menu, the 'Calendar' section is visible, showing a calendar for March 2013. The calendar includes filters for 'Region' (North Dakota) and 'Location' (Bismarck). Two events are listed:

- Event 1:** Impacts of Agricultural Equipment on Highways (March 4, 2013) (BSMRK DIST) on Monday, March 4th, from 02:00p-03:30p (GMT -06:00).
- Event 2:** Best Practices in Asphalt Mix Production for Northern Climates (April 3, 2013)(BSMRK DIST) on Wednesday, March 3rd, from 09:00a-01:00p (GMT -06:00).

# LMS Catalog Menu



The screenshot shows the Transportation Learning Network LMS interface. At the top left is the logo "Transportation Learning Network". On the right, there is a "Log Off" link and a user identification "User: Chris Padilla - User Area". Below the logo is a navigation bar with links: "Welcome", "Courses / Registration", "Message Center", "Learning Plan", "Achievement Record", and "Profile". A secondary navigation bar contains "Search by" followed by buttons for "Catalog", "Subject", "Advanced", and "Calendar". The main content area is titled "Courses / Registration" and features a "Catalog List" table with a "View Cart" link on the right. The table lists various course categories, with "On-Site Workshops - Upcoming" highlighted by a blue box. At the bottom left of the page, there is a copyright notice "@2012".

Transportation Learning Network

Log Off

User: Chris Padilla - User Area

Welcome Courses / Registration Message Center Learning Plan Achievement Record Profile

Search by Catalog Subject Advanced Calendar

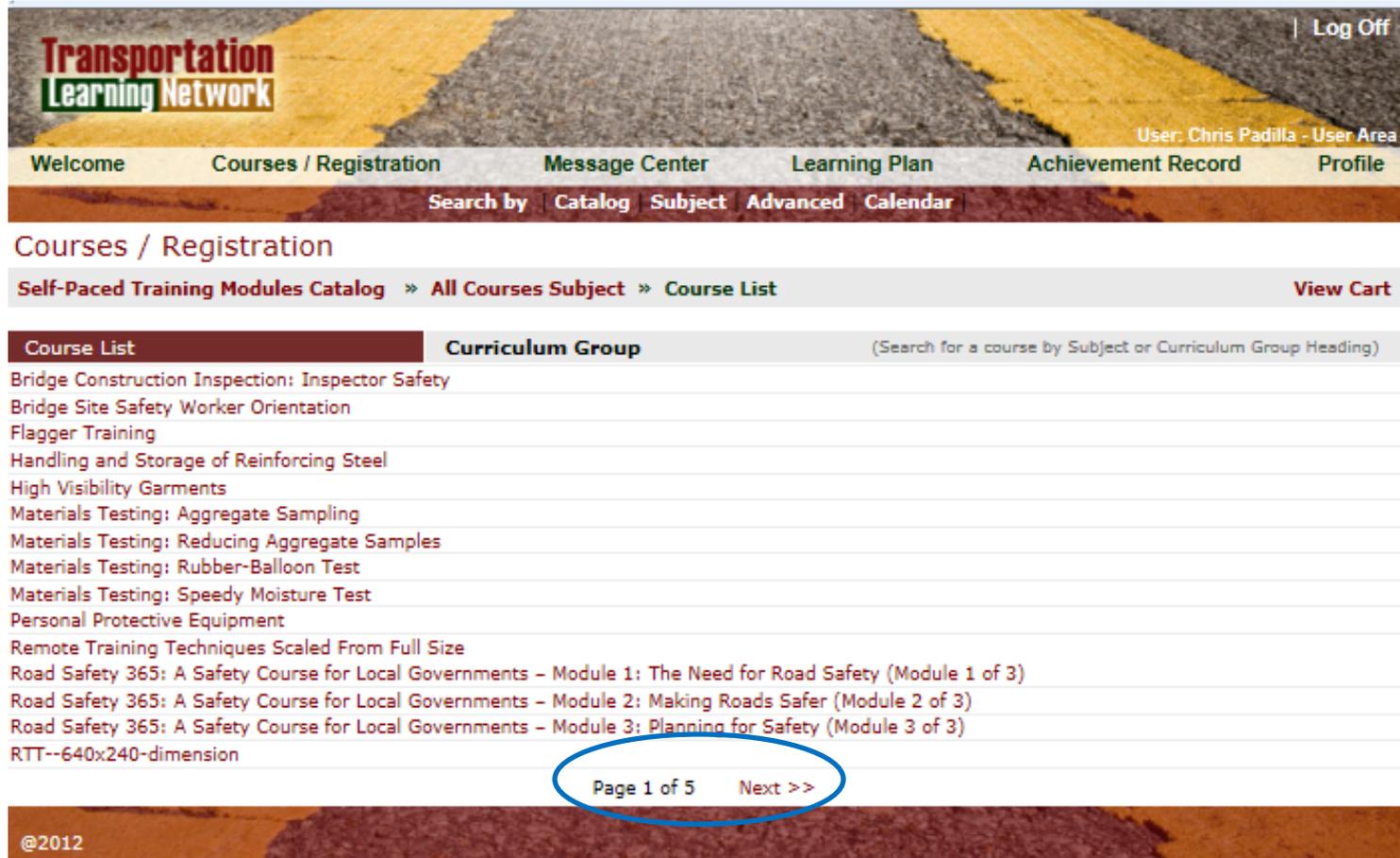
Courses / Registration

Catalog List	View Cart
All Courses	
Graduate School Opportunities	
On-Site Workshops - Previously Held	
<b>On-Site Workshops - Upcoming</b>	
Resource Library	
Self-Paced Training Modules	
Video Conference - Previously Held	
Video Conference - Upcoming	
Webinars - Recorded	
Webinars - Upcoming	

@2012

- Introduction to Highway Construction - Engineers and Technicians

# LMS Self-Paced Modules



The screenshot displays the Transportation Learning Network LMS interface. At the top, there is a navigation bar with the following links: Welcome, Courses / Registration, Message Center, Learning Plan, Achievement Record, and Profile. A search bar is located below the navigation bar, with options for Search by: Catalog, Subject, Advanced, and Calendar. The user is identified as Chris Padilla - User Area, with a Log Off link in the top right corner.

The main content area is titled "Courses / Registration" and shows a breadcrumb trail: Self-Paced Training Modules Catalog » All Courses Subject » Course List. A "View Cart" link is visible in the top right of this section.

The "Course List" section has a "Curriculum Group" header and a search prompt: "(Search for a course by Subject or Curriculum Group Heading)". The list of courses includes:

- Bridge Construction Inspection: Inspector Safety
- Bridge Site Safety Worker Orientation
- Flagger Training
- Handling and Storage of Reinforcing Steel
- High Visibility Garments
- Materials Testing: Aggregate Sampling
- Materials Testing: Reducing Aggregate Samples
- Materials Testing: Rubber-Balloon Test
- Materials Testing: Speedy Moisture Test
- Personal Protective Equipment
- Remote Training Techniques Scaled From Full Size
- Road Safety 365: A Safety Course for Local Governments – Module 1: The Need for Road Safety (Module 1 of 3)
- Road Safety 365: A Safety Course for Local Governments – Module 2: Making Roads Safer (Module 2 of 3)
- Road Safety 365: A Safety Course for Local Governments – Module 3: Planning for Safety (Module 3 of 3)
- RTT--640x240-dimension

At the bottom of the course list, there is a pagination control showing "Page 1 of 5" and a "Next >>" link, which is circled in blue.

The footer of the page shows the year "@2012".

# Video Conf. – Previously Held

The screenshot shows the Transportation Learning Network website interface. At the top left is the logo "Transportation Learning Network". At the top right is a "Log Off" link. Below the logo is a navigation bar with links: "Welcome", "Courses / Registration", "Message Center", "Learning Plan", "Achievement Record", and "Profile". Below the navigation bar is a search bar with options: "Search by | Catalog | Subject | Advanced | Calendar". The main content area is titled "Courses / Registration" and contains a breadcrumb trail: "Video Conference - Previously Held Catalog » All Courses Subject » Course List" and a "View Cart" link. Below the breadcrumb trail is a table with two columns: "Course List" and "Curriculum Group". The "Curriculum Group" column has a search prompt: "(Search for a course by Subject or Curriculum Group Heading)". The "Course List" column contains a list of video conference titles and dates. At the bottom of the list is a pagination link: "Page 1 of 4 Next >>". At the bottom left of the page is the copyright notice "@2012".

Transportation Learning Network | Log Off

User: Chris Padilla - User Area

Welcome Courses / Registration Message Center Learning Plan Achievement Record Profile

Search by | Catalog | Subject | Advanced | Calendar

## Courses / Registration

Video Conference - Previously Held Catalog » All Courses Subject » Course List [View Cart](#)

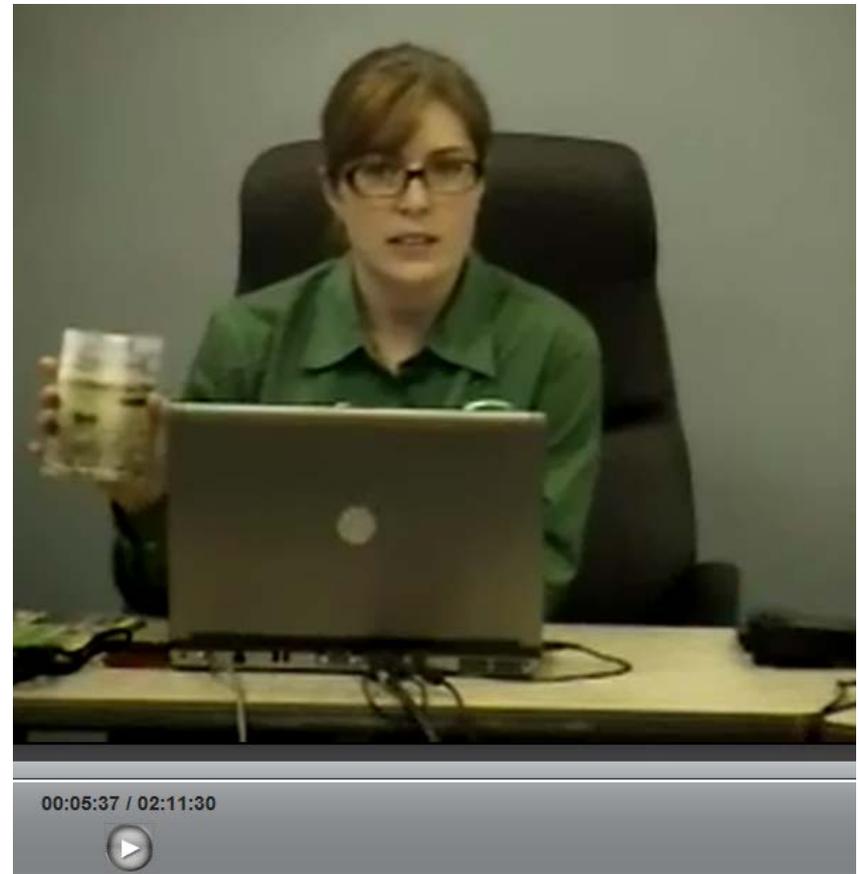
Course List	Curriculum Group
ADA - Designing Pedestrian Facilities for Accessibility (January 11, 2012)	(Search for a course by Subject or Curriculum Group Heading)
Advanced Facilitation Skills (December 11, 2012)	
Alternatives to Paving (December 19, 2012)	
Asphalt Pavement Maintenance (February 12, 2013)	
Basic Concepts of Pavement Preservation (February 6, 2013)	
Basic Sign Installation and Maintenance (May 21, 2012)	
Breaking Through the Barriers - Core Skills for Interpersonal Communication (March 7, 2013)	
Concrete Preventive Maintenance - Partial Depth Repair, Diamond Grinding and Sealing (February 20, 2013)	
Conflict Management: Improving Your Ability To Deal With Conflict (November 29, 2011)	
Construction Inspection Work Plan Development (Feb. 29, 2012)	
Context Sensitive Solutions and Related Tools and Options (December 12, 2012)	
Customer Service (February 7, 2013)	
Design and Construction of Full Depth Reclamation Bases with Portland Cement (December 1, 2010)	
Disadvantaged Business Enterprise - Construction Contract Provisions (February 26, 2013)	
Disadvantaged Business Enterprise - Construction Project Changes (March 14, 2013)	

Page 1 of 4 Next >>

@2012

# Recorded Video Conferences

- Several to choose from
- Some recorded, some not
- Expiration dates



# Recorded Webinars

- Several to choose from

The screenshot displays a webinar interface with three main sections:

- Presenter:** A video thumbnail showing a man in a white shirt and headset, with other participants visible in the background.
- Slides:** A large slide titled "Performance of Recycled Asphalt Pavement (RAP) In Gravel Roads" by Khaled Ksaibati, Ph.D., P.E. and Scott Koch, E.I.T. The slide features the logos for WYT<sup>2</sup> LTAP and the University of Wyoming, with the tagline "New Thinking".
- Presentation Agenda:** A list of slide timestamps, with "00:00:00 - Slide 1.0" highlighted in yellow. The agenda includes:
  - 00:00:00 - Content Loaded v
  - 00:00:00 - Slide 1.0
  - 00:01:13 - Slide 2.0
  - 00:01:24 - Slide 3.0
  - 00:02:06 - Slide 4.0
  - 00:03:55 - Slide 3.0
  - 00:03:55 - Slide 2.0
  - 00:03:55 - Slide 1.0
  - 00:04:16 - Slide 2.0
  - 00:04:30 - Slide 3.0
  - 00:04:52 - Slide 4.0
  - 00:05:13 - Slide 5.0
  - 00:05:34 - Slide 6.0
  - 00:06:25 - Slide 7.0
  - 00:06:54 - Slide 8.0
  - 00:07:14 - Slide 9.0

At the bottom, there is a "Text Chat - Private" section with a blank input area.

# Questions?

# Demonstration

If time allows:

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<http://translearning.org/>

<http://tln.learnflex.net/>

[User's Guide](#)

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