



An Roinn Iompair,
Turasóireachta agus Spóirt
Department of Transport,
Tourism and Sport

Bridge Asset Management Project

Brian Cross
12th September 2019

Bridge Training Courses –
LASNTG

Bridge Inventory Survey and Maintenance Inspection Course



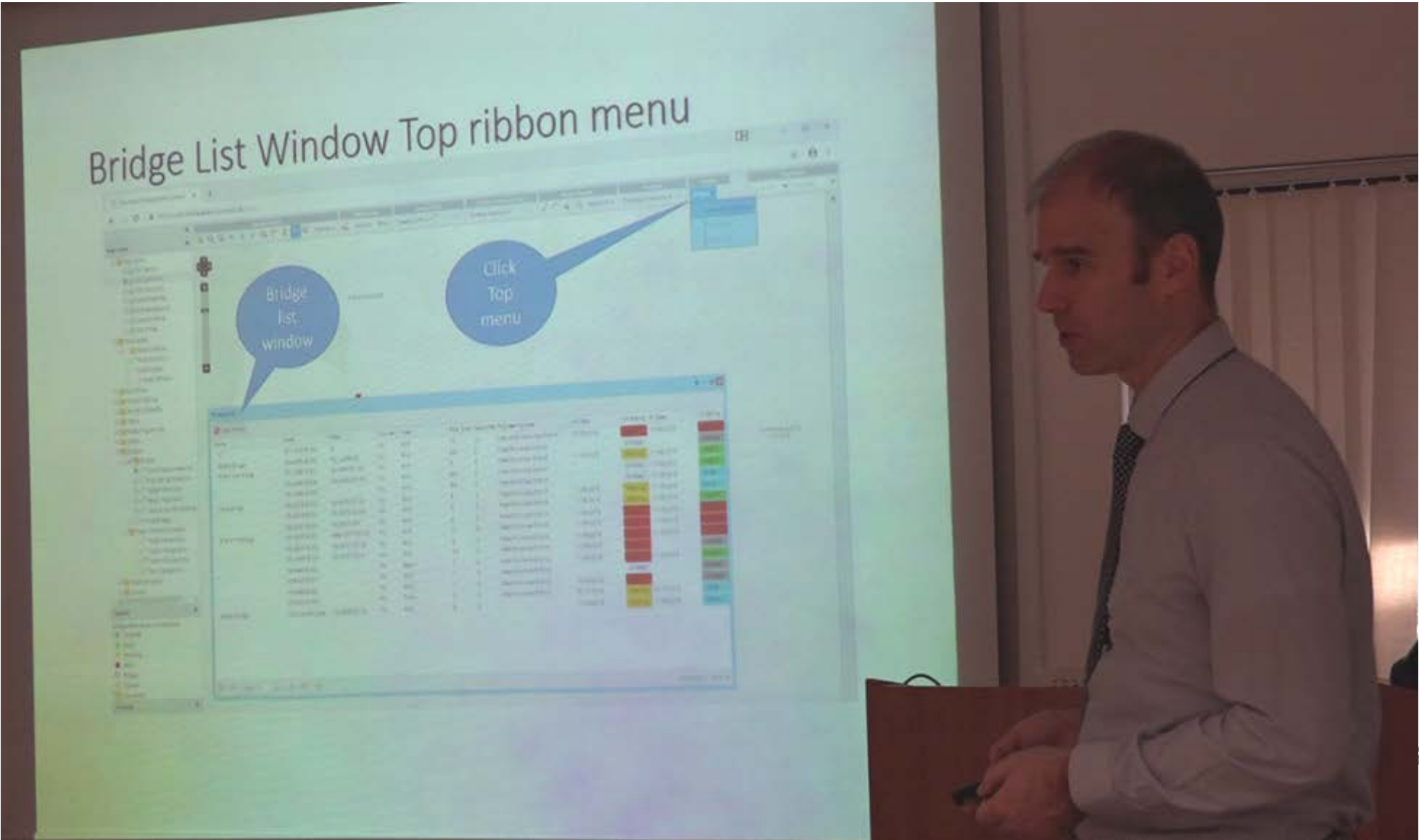
- Basic understanding of bridges
- Bridge conservation – its relevance
- Safety on site.
- Examples of using the APP for BIS and MI

Time	Duration (min)	Activity
08.45 to 09:10	20min	Registration/Tea
09:10	30min	Unit 1 Intro – background and conservation
09:40	30min	Unit 2 H&S
10:10	40min	Unit 3A BIS -Bridge types, materials, components, and inputting into APP
10.50	20min	Break
11.10	40min	Unit 3B BIS – Bridge dimensions explained and input into APP
11.50	55mins	Unit 4 BIS Examples of BIS: trainees input bridges into the APP plus photos and trainees
12.45	60min	LUNCH
13.45	30min	Unit5 – Defects examined MI approach explained
14.15	60min	Unit 6A- MI –3 bridge examples for using the MI APP. 6B : practical –hard copy info and photos of defects; each trainer then inputs values [RAG] into MI APP using the paper examples.
15:15	15min	Cup of tea
15.30	20min	Unit 7&8 – PMS & other data
15.50	20min	Test 20 multi Choice Q's

BIS & MI Trainers



Gary Salter
Edmond Kenny
Stephen McCrory
Brian Cross*



and Sport

Health & Safety Prayer !



IF IT IS NOT SAFE, DON'T DO IT

The new Bridge Management System APP



Extreme example - potential for further masonry to fall or sides to collapse



Slips, trips and falls

- Riverbanks
 - Overgrown
 - Loose materials
 - Unstable
 - Steep
 - Briars
 - Fencing
 - Wet slippery banks

IF IT IS NOT SAFE, DON'T DO IT

One Day Training BIS & MI to Access App & PMS



The image displays a web browser window for the Pavement Management System (PMS) login page. The browser address bar shows the URL: <https://pmskildaredev.compass.ie/pms/>. The page title is "Please Login". The login form includes fields for "Username" and "Password", a "Login" button, and a "Forgotten Password" link. The background of the login page is a faded image of a bridge. The bottom right corner of the screenshot shows "v1.0.47 (Development)" and the logo for "COMPASS INFORMATICS".

Engineering Inspection Course (EI)



- Course material being finalized
- Pilot Soon
- Engineer Grade orientated

When and Where the training will be held.



- Training will be organised by LASNTG in the Regional Training Centres.
- Email will be sent to the bridge coordinators to estimate demand and availability of trainees.
- Expect to have BIS&MI users surveying for low water summer 2020.

Training at LASNTG Centres



Ballincollig, Co. Cork
Ballycoolin, Co. Dublin
Castlebar, Co. Mayo
Roscrea, Co. Tipperary
Stranorlar, Co. Donegal

The screenshot shows the LASNTG website with the following elements:

- Navigation menu: About Us, News, Training Centres, Courses, Stakeholders, Conferences, e-learning login
- Service Groups: Water Services Training Group, Environmental Services Training Group, Fire Services Training Group, Roads Services Training Group (highlighted with a car icon)
- Header image: Construction workers in safety gear
- Section: About the Roads Services Training Group
Text: "The RSTG was established to meet the developing training needs of the Roads Services Sector through the provision of courses through the Regional Training Centres and through the development of new training courses."
- Section: RSTG Aims
Four icons with descriptions:
 - Icon: Three people. Text: "Provision of Training to a broad range of Staff within Local Authorities and the Private Sector"
 - Icon: Wrench and screwdriver. Text: "Provision of Training to personnel working with Roads Services"
 - Icon: Four arrows pointing outwards. Text: "To act as a Centre of Learning for those working in the Local Authority and the Private Sectors"
 - Icon: Person at a presentation board. Text: "To develop and deliver courses that meet the changing needs in the current environment"



Training – MapRoad PMS

The PMU has provided training to a number of LA users during 2019. The MapRoad training covers the following areas through the live system and is adapted to cover individual LA requirements:

- Overview of RMO, MapRoad System and NOAC and DTTAS Circular requirements.
- Creating Programmes and Projects. Submitting and closing these out.
- Demo of apps including PSCI, speed limit, works Apps and Bridges.
- Demo of MapRoad PMS including: Inventory, PSCI, Speed Limit and Mechanical survey data stored.
- Uploading historical works and exporting reports and data from MapRoad.
- RMO website including library, ticket tracker etc.

If any local authority requires MapRoad PMS training place contact us to arrange at contact@rmo.ie

The screenshot shows a document titled "MapRoad PMS Training Course Specification" with the RMO logo and "MapRoad PMS" branding. The document lists the following details:

- Course Title:** MapRoad PMS
- Training Aim:** To equip learners with:
 - Knowledge of where to access relevant [Locations](#) and [Video Channels](#)
 - [Describe information on MapRoad Analysis](#)
 - ability to [create works](#) on desktop & tablet
 - ability to [create & submit](#) a work programme to DTTAS
 - ability to view data such as [plan](#), [speed limits](#), [mechanical survey data](#) etc
 - ability to export data such as reports, programmes etc
 - ability to use [Works App](#)
 - ability to use [Speed Limit App](#)
 - ability to use [Surface Inventory App](#) and browser
 - [Mechanical Payment Management Works requirements](#)
 - [RMO Support: creating tickets and feedback](#)
- Assessment:** None
- Reward:** None
- Duration of Course:** 1 Day Classroom
- Renewal:** Requested by Local Authorities
- Primary Target Grade:** Engineer
- Other grades applicable:** Technician, Books Clerk or Staff



Contact @ rmo.ie



MapRoad –PMS Ticket Tracker

The screenshot shows the 'MapRoad - PMS Ticket Tracker' web application. The browser address bar shows 'Not secure | support.maproadpms.ie'. The application header includes the 'MapRoad - PMS Ticket Tracker' title, a user profile for 'brian.cross', and a 'LOG OUT' button. Below the header, there are navigation tabs for 'Tickets', 'Knowledge base', and 'Reports'. A '+ New ticket' button and a search bar are also present. The main content area displays a list of tickets with columns for Subject, Priority, Status, Date, Due, Tech, Updated, Browser Type, Direct Dial Phone Number, Operating System, MapInfo Version, and Local A. The tickets listed are:

Subject	Priority	Status	Date	Due	Tech	Updated	Browser Type (if PMS related)	Direct Dial Phone Number	Operating System	MapInfo Version	Local A
Editing a Bridge Maintenance Inspection #1515 Aidan McClafferty RMO Bridges - Bridges App	Normal	Closed	11 days ago		Brian Cross	2 hours ago					
Bridge (Possible) Locations #1496 Paul Fox LGMA Bridges - Bridges PMS Module	Normal	Added to Next PMS Deployment	18/07/2019 12:25		Seth Girvin	20 days ago					
Bridges APP & Browser #1457 Paul Fox LGMA Bridges - Bridges App	Normal	In progress	02/05/2019 16:23		Ken Dowling	14/05/2019 11:09					
Bridges Data - Donegal CoCo PMS - Rename Bridge Numbers #1400 Paul Fox LGMA Bridges - Bridges PMS Module	Normal	Discuss with Paul	07/12/2018 15:01		Seth Girvin	17/04/2019 12:14					
Bridge Surveys #1413 Rory O'Callaghan Tipperary CoCo Bridges - Bridges PMS Module	Normal	Closed	18/01/2019 09:38		Ken Dowling	12/04/2019 10:18					

Train the Trainer ?



bridge experience ?

Contact us





This is investment in
Local Authority
technical capabilities

