

**SHORT COURSE ON THE PCI METHOD
LIMA, PERU, 24 TO 25 NOVEMBER 2003**

PRELIMINARY PROGRAM – REVISED 10/11/03

DAY	PERIOD	TIME	ACTIVITY/SUBJECT	SPEAKER
24 (Monday)	a.m.	08:30 – 10:00	Introduction to Pavements <ul style="list-style-type: none"> • Revision of basic concepts • Types of pavements • Airfield pavement characteristics Condition and Performance <ul style="list-style-type: none"> • Design and deterioration • Conditions that can cause rupture • Condition evaluation elements The Pavement Management <ul style="list-style-type: none"> • Objective and goals • Levels of operation (Network and Project) • The pavement management process 	Dr. Osvaldo Fonseca, Ph.D., DIRENG, BRASIL
		10:00 – 10:30	Coffee Break/Announcements	Seminar/Short Course Coordination
		10:30 – 12:00	The PCI Method <ul style="list-style-type: none"> • Definition of the pavement network to be managed • Characteristics of the paved network • Division of the network in Branches, Sections and Sample Units • Determination of the Sample Units (SUs) to be evaluated • Pavement distress characteristics (type, severity and density) The PCI Estimate <ul style="list-style-type: none"> • Sample Unit PCI estimate = Flexible pavement = Rigid pavement • Estimate of the representative PCI of a pavement section 	Dr. Osvaldo Fonseca, Ph.D., DIRENG, BRASIL
	p.m.	12:00 – 13:30	Lunch	
		13:30 – 16:00	Evaluation of Flexible Pavements <ul style="list-style-type: none"> • Distress identification • Evaluation sheets • Procedures for distress registration 	Dr. Osvaldo Fonseca, Ph.D., DIRENG, BRASIL
		16:00 – 16:30	Coffee Break/Announcements	Seminar/Short Course Coordination
		16:30 – 18:30	Evaluation of Rigid Pavements <ul style="list-style-type: none"> • Distress identification • Evaluation sheets • Procedures for distress registration 	Dr. Osvaldo Fonseca, Ph.D., DIRENG, BRASIL

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25 (Tuesday)	a.m.	08:30 – 12:00	Pavement Evaluation – Field Practice – Jorge Chávez Int'l Airport <ul style="list-style-type: none">• Flexible pavements• Rigid pavements	Dr. Osvaldo Fonseca, Ph.D., DIRENG, BRASIL
	p.m.	12:00 – 13:30	Lunch	
		13:30 – 16:00	PCI Estimate - Exercise	Dr. Osvaldo Fonseca, Ph.D., DIRENG, BRASIL
		16:00 – 16:30	Coffee Break/Announcements	Seminar/Short Course Coordination
		16:30 – 18:00	Short Course and Practical Application Summary	Dr. Osvaldo Fonseca, Ph.D., DIRENG, BRASIL
		18:00 – 18:30	Short Course Final Remarks	Seminar/Short Course Coordination

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