4.) Professional Capacity Building Course Catalog

This is the latest expanded version, which includes descriptions
And the availability of new and on-going ITS training activities
Offered for Travel Management; ITS CVO; ITS highway
courses by the FHWA National Highway Institute (NHI); and
ITS transit courses by the National Highway Institute (NTI).
It will continue to be updated periodically, as needed. This
information can now also be accessed through the WWW as
follows:

   JPO Home Page: http//www.its.dot.gov/training/98catalog.htm
   FHWA Intranet: http//fhintra.fhwa.dot.gov

The first three reports are available from the Volpe Center free of
charge. Fill in the following information and leave this form at
the JPO ITS America exhibition booth, or call SuzanneSloan
at 617-494-3282 or fax the Center at 617-494-2787 to order
reports.

Name: _____

Organization: _____

Address: _____

              _____

              _____

Phone #: _____

Fax #: _____

Email: _____

I would like a copy of the following:
- ❏ #1) Needs Assessment Baseline
- ❏ #2) Six White Papers
- ❏ #3) Framework & Overview

ITS Professional Capacity Building Program Reports

ITS Training & Education Needs Assessment Baseline: A Review and Synthesis Of Thirteen Prior Studies, Field Interviews, and A Summary Assessment Of ITS Needs

December 1997

Framework and Overview For Establishing A Professional Capacity Building Program for Transportation Management and Traveler Information Services in Support of ITS Deployment

FY 1997 Edition

Planning and Deploying ITS: Six White Papers Describing Current and Planned Programs of Five Transportation Associations and Four University ITS Research Centers of Excellence

December 1997

ITS

Professional
Capacity
Building

*Program
Course
Cataloge*

FTA   FHWA

U.S. DOT

1.) **Intelligent Transportation Systems Training &
Education Needs Assessment Baseline: A Review
and Synthesis of Thirteen Studies, Field Interviews,
and A Summary Assessment of ITS Needs**

The purpose of this report is to provide a baseline assessment of
perceived ITS training and education needs. This three-part report
documents the PCB needs of current transportation professionals
in the context of ITS Metropolitan Infrastructure deployment.
It is based onl) a synthesis of thirteen prior ITS education and
training needs assessments; 2) supplemental field interviews with
ITS practitioners; and 3) a summary assessment of PCB needs. The
**findings indicate a critical need to move ahead aggressively in
development and delivery of education and training at all levels
to meet ITS deployment goals and objectives. While present
programs provide good initial ITS training, more advanced
courses are needed, many more professionals must have access
to courses, and alternative approaches to learning that are
grounded in the use of new information/communications
technologies must be adopted.**

The PCB Program is undertaking a more comprehensive assessment
of future needs. This next report will be available in early FY 1999.

**2)   Planning and Deploying ITS: Six White Papers Describing
Current and Planned Programs of Five Transportation
Associations and Four University ITS Research Centers of
Excellence**

The purpose of this report is to present current and planned ITS
education and training activities within the following organizations:
ITS America, AASHTO, APTA, NTI, ITE, and the three RCEs
(Texas A&M, University of Michigan, and Virginia Tech), and the
ITS Institute at the University of Minnesota.

Four questions were asked of each organization:

- **What is the organization doing now with respect to ITS
education and training?**

- **How did the organization determine the current need for
ITS education and training?**

- **What ITS education and training does the organization
plan for the future?**

- **How does the organization determine future ITS education
and training needs?**

This report presents a synthesis of the six papers, as well as
complete copies of each.

**3.)   Framework and Overview for Establishing A Professional
Capacity Building Program for Transportation Manage-
ment and Traveler Information Services in Support of ITS
Deployment**

The purpose of this document is to describe how the "Five Year
Strategic Plan for Professional Capacity Building for ITS
Transportation management and Traveler Information Services"
(March 1996) is being implemented in FY 1997 and FY 1998, and
to present a framework for building professional capacity for
FY 1999 and beyond. This document describes the program as of
September 30, 1997. It incorporates the comments received
from individuals within FTA and FHWA field and headquarters
offices, and comments received from the National PCB Steering
Committee.

This document is being updated, and we expect to re-publish it
annually.