RD&T Technology Facilitation Action Plan

The following provides a framework for items to be included in technology facilitation action plan. The items should be developed in coordination with appropriate CBU contact. This framework can than be used to finalize the action plan for delivery of research products.

PRODUCT *Describe product and its use*

Description of Product : AASHTO Acceptance Test and Design Specifications for materials, tendons, and anchors and design of FRP-Prestressed concrete bridges. (FRP RC is covered in a separate specification).

Intended User: State DOT Materials Lab personnel, design engineers. Consulting design engineers.

Distribution methods: Report issued as an FHWA Report.

Alternative Formats:

Delivery Date: 2000

PROGRAM/PRODUCT SUPPORT *List contact information for subject matter experts or resource team*

CBU Contact(s): Ben Tang, John Hooks

Resource Center
Contact(s): Lou Triandafiliou

Division Office
Contact(s): Milo Cress

Other Contact(s): AASHTO Technical Committee T-21 (Paul Liles, Chairman)
TRB Committee A2C07 (Eric Munley, Chairman)

OUTREACH *Describe opportunities or planned external outreach*

Conference Presentations
Draft Spec was presented in a dedicated technical session at the 2000 TRB Annual Meeting.

Publications (ITE, Public Roads, Transporter, etc.) Final Report (2000). Spec report was preceded by summary articles in technical journals and presentation at ACI, and other conferences.

Other Outreach Activities: AN AASHTO Spec was not originally a deliverable for this contract. Contractor is working on this under a no-cost time extension.

TRAINING *Describe formal training, briefings or workshop developed or needed*

Materials Needed: Need an overview for State bridge engineers and staff on the basic spec, including interpretation of test data. Need individual hands-on training for lab personnel on the conduct of tests. Need training for design engineers in design methods (including construction considerations). Integration into academic training for future engineers.

Instructor Requirements: PE (Spec Course), Certified Technician instructor (Test & Equipment courses).

Schedule of Training/
Workshop/Briefing: Spec Course (NHI-based, first five years after adoption). Test & Equipment courses (Continuing).

Intended Audience: State DOT Materials lab personnel and design engineers, as well as private consulting design engineers.

Alternative Formats:

PROGRAM INTEGRATION *Should include discussion of transfer of program activities to appropriate CBU*

CBU Contact:

Research Contact – Develop follow-up studies to refine test methods or develop new ones. Coordinate with AASHTO T-21 in development of R&D-funded and pooled-fund studies.

Follow-up Activities –