

NCHRP Domestic Scan 07-01 Project Delivery Management

Webinar on Six-Month Survey Results

CTC & Associates LLC

October 6, 2010

Facilitators

- ❑ Patrick Casey, Investigator
CEO of CTC & Associates

- ❑ Dylan Casey, Co-Investigator
CTC Associate
Faculty, St. John's College, Annapolis

Scan Participants

- ❑ Shari Shaftlein, FHWA, co-chair
- ❑ Jim McMinimee, Utah DOT, co-chair (retired)
- ❑ Sidonia Detmer, Virginia DOT
- ❑ Mark Lester, South Carolina DOT
- ❑ Gary Mroczka, Indiana DOT
- ❑ Dave Nichols, Missouri DOT
- ❑ Joyce Taylor, Maine DOT
- ❑ Alan Teikari, FHWA
- ❑ Connie Yew, FHWA
- ❑ Tom Warne, Tom Warne and Assoc., LLC (SME)

Accelerating Innovation–Tracing Domestic Scan Impacts NCHRP 20-68B(02)

- ❑ Review of the effectiveness of the Domestic Scan Program in fostering the implementation of innovative technologies and practices
- ❑ Special interest in evidence of technology transfer beyond original core participants
- ❑ Continuation of a more in-depth review completed for two pilot scans

NCHRP Domestic Scan Project Panel

- ❑ Harold R. Paul, Director LTRC (chair)
- ❑ Andrew Lemer, TRB
- ❑ Shane Brown, Washington State University
- ❑ David M. Burk, FHWA
- ❑ Nancy L. Chinlund, CALTRANS
- ❑ Marsha Fiol, Virginia DOT
- ❑ Rick Kreider, Kansas DOT
- ❑ Jim McDonnell, AASHTO
- ❑ Mark R. Norman, TRB
- ❑ Keith M. Platte, AASHTO
- ❑ Glenn Roberts, New Hampshire DOT
- ❑ Amy Schutzbach, Illinois DOT
- ❑ Mark Van Port Fleet, Michigan DOT

Survey Goals

Identify:

- Progress toward implementation of technologies and practices identified in each scan's implementation plan
- Benefits of the Domestic Scan Program to you, your agency, and industry as a whole
- Completed or planned dissemination activities
- Names of individuals (beyond participants) who have heard about scan findings

Webinar Goals

- ❑ Review and discuss survey results
- ❑ Share successes and challenges in implementing scan technologies and practices
- ❑ Reconnect with fellow scan team members
- ❑ Discuss role of scan participation once the final report is complete

Survey: Conduct of Scan

Conduct of Scan. Please rank each of the following scan program features in terms of its contribution to the overall value of this particular scan tour, where 1 is “not important” and 5 is “extremely important.” If it did not apply to your scan, please pick N/A (Not Applicable).

Answer Options	Not Important				Extremely Important		N/A	Response Count
Preparatory materials and meetings in advance of the scan tour	0	0	0	1	5	0	6	
On-site visits to view the subject technology or practice	0	0	0	3	3	0	6	
Face-to-face technical exchange with host state personnel and other scan participants	0	0	0	0	6	0	6	
Final report of scan findings	0	0	0	0	6	0	6	
Post-scan consultation with host state personnel and other scan participants	0	0	0	3	3	0	6	

Survey Results: Scan Outcomes

Scan Outcomes. Please rank each of the following scan program outcomes in terms of its contribution to the overall value of this particular scan tour, where 1 is “not important” and 5 is “extremely important.”

Answer Options	Not Important		Extremely Important			Response Count
Introduction to a new technology or practice	0	0	1	2	3	6
Clearer understanding of a new technology or practice	0	0	0	4	2	6
Identification of one or more individuals at a host state to call on as a future resource	0	0	1	1	4	6
Identification of one or more scan participants to call on as a future resource	0	0	1	1	4	6
Information with which to <u>begin</u> implementation of a technology or practice at your agency	0	0	0	4	2	6
Information with which to <u>continue</u> implementation of a technology or practice at your agency	0	0	0	4	2	6

Scan Results: Value of Scan

Many times it was the cultural change within the organization that led to the big changes.

The domestic scan program is an important part of identifying and advancing best practices and innovations nationally. The program accelerates transfer of key findings and best practices while establishing professional networks of SMEs.

For being one of the first domestic scan trips, I have to say it was well-organized and the subject matter expert was extremely helpful. Well-done.

Survey Results: Implementation

Did your participation in the scan facilitate the implementation of any new practices or technologies?

Yes – 2 No – 3

Completed Implementations:

Development of a project screening tool. This effort was already on-going but the scan supplemented this effort.

The scan confirmed the value of well defined metrics, and Virginia is adding to its performance measures to further assist in the program delivery and promote transparency and accountability.

Expanded communication media used to share information with consumers.

Planned Implementations:

I will use the information gathered in the scan to help my future clients with their project delivery activities.

Strengthening risk management.

Accelerating consultant procurement process.

Survey Results: Implementation

- ❑ Number of respondents who attempted an implementation without success: *none*
- ❑ Number of contacts provided regarding current or planned implementation activities: 2
- ❑ Number of contacts outside the agency provided: *none*

Non team-member contacts regarding implementation (and even dissemination) are essential to tracing the extent of technology transfer attributable to the scan.

Survey Results: Dissemination

Two respondents listed a large variety of talks and publications:

- FHWA, AASHTO, NCHRP - Project Delivery Webinar Series
- Mn/DOT- Peer Review
- FHWA Webinar Series on Scan Results
- TRB Annual Meeting
- University of Virginia - Graduate Students Forum
- Vermont Agency of Transportation - Performance Contracting Workshop
- Articles “Efficient, Expeditious, and Effective: Best Practices in Project Delivery Management” published in Jan/Feb 2010 FOCUS journal
- Report disseminated to LTAP Centers in March 2010
- Report posted on TRB Performance Measurement Committee Google site/FHWA Exchange in Jan 2010
- Report posted on AASHTO Standing Committee on Performance Management website in March 2010

Discussion

- ❑ Survey results
- ❑ What have been the successes and challenges in implementing scan technologies and practices?
- ❑ How does the scan fit in with the way you obtain and transmit knowledge about practices and technologies in your work?

Next Steps

- ❑ Final participant survey in six months
- ❑ Survey of accumulated contacts in six months – tracing impact of scan beyond initial participants

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