



engineering and constructing a better tomorrow

November 13, 2007

Ms. Deborah Walker, COTR
Long Term Pavement Performance Team
Federal Highway Administration, HRDI-13
6300 Georgetown Pike, Room F-209
McLean, Virginia 22101-2296

Subject: **17th Quarterly Report – August 1, 2007 through October 31, 2007**
Assessment, Calibration and Performance Evaluation of
LTPP SPS Weigh-in-Motion (WIM) Sites
FHWA Contract No. DTFH61-03-C-00124
MACTEC Reference Nos. 6420040020, 6420060018 & 6420070022

Dear Ms. Walker:

Pursuant to our contract obligations, this letter is to serve as the 17th Quarterly Report for Contract #DTFH61-03-C-00124 and covers the period of August 1, 2007 through October 31, 2007.

On September 27, 2007, FHWA issued Task Order 22 under this contract. This Task Order included Performance Evaluation and Calibration Site visits for the Colorado 0200, Michigan 0100 and the Texas 0100 sites. This Task Order also included an Additional Lane for the Texas site.

This period saw the Performance Evaluation and Calibration Site visits for the Delaware 0100 (Task Order 16) site completed on August 8, 2007, the Maine 0500 (Task Order 16) site completed on August 15, 2007, the Minnesota 0500 (Task Order 21) site completed on August 29, 2007, the Maryland 0500 (Task Order 21) site completed on September 5, 2007, the Michigan 0100 (Task Order 22) site completed on October 3, 2007, and the Colorado 0200 (Task Order 22) site completed on October 17, 2007.

This period also saw the filing of the Performance and Calibration Site visit reports for the Virginia 0100 and Additional Lane (Task Order 21) sites on August 10, 2007, the Delaware 0100 (Task Order 16) site on August 24, 2007, the Maine 0500 (Task Order 16) site on August 31, 2007, the Minnesota 0500 (Task Order 21) site on September 14, 2007, the Maryland 0500 (Task Order 21) site on September 19, 2007, and the Michigan 0100 (Task Order 22) site on October 19, 2007.

This period also saw the acceptance of the Performance Evaluation and Calibration Reports for the Delaware 0100, the Maine 0500, the Maryland 0500, the Minnesota 0500, the Pennsylvania 0600, the Tennessee 0600, the Virginia 0100 and Additional Lane and the Washington 0200 sites.

During this period we have remained in close contact with FHWA to review progress and to coordinate our activities with those of the Phase 2 Contractor.

Outstanding issues:

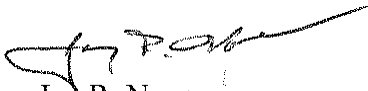
- Assessment Visits for the Texas 0800 and A800 sites were postponed at the State's request. They were originally on Task Order 5 and should be cancelled.
- We are continuing to file Preliminary Validation Reports due to the lack of current profile data at the sites.
- The extension for Task Order 14 expired on May 31, 2007 which included a Performance Evaluation and Calibration Site visit for the Ohio 0100 site. This visit has been on hold since June 16, 2006 awaiting a software upgrade for this site and the 0200 site (Task Order 15). We have requested an extension of this Task Order through June 30, 2008, but have not yet received it.
- Task Order 15 expired on January 31, 2007 and includes Performance Evaluation and Calibration Site visits for the Arizona 0100 and 0200 sites, the North Carolina 0200 site and the Ohio 0200 site. The Ohio 0200 visit has been on hold awaiting the software upgrade. The North Carolina 0200 was placed on-hold by the State on November 7, 2006 due to performance problems with their sensors. To-date, we have not received word that these problems have been addressed. The Arizona 0100 and 0200 sites were Phase II installations for which there were equipment problems which were resolved in April 2007. We completed our site visits to these sites on May 3, 2007 and May 1, 2007 respectively and the reports were filed on May 18, 2007. We have requested an extension of this Task Order through June 30, 2008, but have not yet received it.
- The extension for Task Order 16 expired on May 31, 2007 which includes Performance Evaluation and Calibration Site visits for the Arkansas 0200 site for which the site visit was completed on May 16, 2007, the California 0200 which is a Phase II installation site which has not yet been completed, the Delaware 0100 site for which the site visit was completed on August 8, 2007, the Louisiana 0100 which is a Phase II installation site which has not yet been installed, the Maine 0500 site for which the site visit was completed on August 15, 2007, the New Mexico 0100 site which is a Phase II installation site which has not yet been installed and the Tennessee 0600 site for which the site visit was completed on June 13, 2007. We have requested an extension of this Task Order through December 31, 2007, but have not yet received it.
- Task Order 20 expired on September 29, 2007. It includes a Performance Evaluation and Calibration visit to the Wisconsin 0100 site. This is a Phase II installation site which has recently been installed. We have requested an extension through November 30, 2007, but have not yet received it. **Note: Site has been installed and we are scheduled to make our site visit beginning November 27, 2007.**
- We have not yet received permission to release the Sheet 16, Sheet 17 and Sheet 18 information for the Arizona 0100 and 0200, the Arkansas 0200, the Delaware 0100, the Florida 0100 and 0500, the Kansas 0200, the Illinois 0600, the Maine 0500, the Maryland 0500, the Minnesota 0500, the Tennessee 0600, the Virginia 0100 and the Washington 0200 sites to the Regional Support Contractors. Our last submission to the Regions was March 28, 2007.
- Voucher No. 30 was submitted for payment on August 2, 2007 in the amount of \$23,215 and as of the date of this report preparation has not been paid.
- Voucher No. 31 was submitted for payment on October 5, 2007 in the amount of \$148,152 and of the date of this report preparation has not been paid.

For your information we have attached an updated status for each of the twenty-two Task Orders issued under this contract.

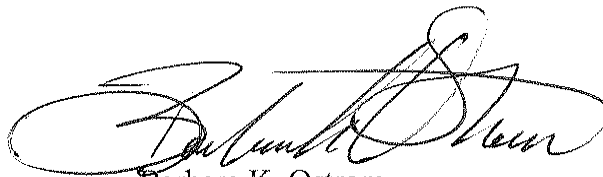
If you have any questions or require any additional information regarding this report, please contact either Barbara or myself.

Sincerely,

MACTEC Engineering and Consulting, Inc.



Jay R. Nave
Project Manager



Barbara K. Ostrom
Principal Investigator

c: Ms. Tyranja Jackson

**Master Schedule Update
 As of November 13, 2007**

**Task Order 22
 Issued – September 27, 2007 Due – January 26, 2008**

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Colorado (V) – 080200	Distributed – 10/02/07	Completed – 10/17/07	Submitted – 11/02/07
Michigan (V) – 260100	Distributed – 09/25/07	Completed – 10/03/07	Submitted – 10/19/07
Texas (V) – 480100	Distributed – 10/02/07	Completed – 11/07/07	Due – 11/23/07
Texas (V) – Additional Lane	Distributed – N/A	Completed – 11/07/07	Due – 11/23/07

**Task Order 21
 Issued – July 1, 2007 Due – October 29, 2007**

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Maryland (V) – 240500	Distributed – 08/28/07	Completed – 09/05/07	Submitted – 09/19/07
Minnesota (V) – 270500	Distributed – 08/14/07	Completed – 08/29/07	Submitted – 09/14/07
Virginia (V) – 510100	Distributed – 06/27/07	Completed – 07/26/07	Submitted – 08/10/07
Virginia (V) – Additional Lane	Distributed – N/A	Completed – 07/26/07	Submitted – 08/10/07

**Task Order 20
 Issued – June 1, 2007 Due – September 29, 2007**

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Wisconsin (V) – 550100	Distributed – 11/13/07	Scheduled – 11/27/07	Due – 12/14/07

Task Order 19
Issued – May 1, 2007 Due – August 28, 2007

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Florida (V) – 120100	Distributed – 04/27/07	Completed – 05/22/07	Submitted – 06/07/07
Florida (V) – 120500	Distributed – 04/27/07	Completed – 05/23/07	Submitted – 06/08/07
Washington (V) – 530200	Distributed – 06/20/07	Completed – 07/12/07	Submitted – 07/26/07

Task Order 18
Issued – March 12, 2007 Due – July 20, 2007

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Illinois (V) – 170600	Distributed – 03/13/07	Completed – 03/29/07	Submitted – 04/13/07
Kansas (V) – 200200	Distributed - 04/12/07	Completed – 04/18/07	Submitted - 05/04/07

Task Order 17
Issued – October 31, 2006 Due – February 28, 2007

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Washington (V) – 530200	Distributed – 10/30/06	Completed – 11/30/06	Submitted – 01/05/07

Task Order 16
Issued – September 5, 2006 Due – May 31, 2007

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Arkansas (V) – 050200	Distributed – 04/26/07	Completed – 05/16/07	Submitted – 06-01-07
California (V) – 060200	Distributed –	Phase II Installation Site	Due –
Delaware (V) – 100100	Distributed – 08/01/07	Completed – 08/08/07	Submitted – 08/24/07
Louisiana (V) – 220100	Distributed –	Phase II Installation Site	Due -
Maine (V) – 230500	Distributed – 08/07/07	Completed – 08/15/07	Submitted – 08/31/07
New Mexico (V) – 350100	Distributed -	Phase II Installation Site	Due -
Tennessee (V) – 470600	Distributed – 06/05/07	Completed – 06/13/07	Submitted – 06/22/07
Virginia (V) – 510100	Distributed – 01/18/07	Completed – 02/01/07	Submitted – 02/16/07
Virginia (V) – 510199	Distributed – N/A	Completed – 02/01/07	Submitted – 02/16/07

Task Order 15
Issued – August 1, 2006 Due – January 31, 2007

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Arizona (V) – 040100	Distributed – 04/24/07	Completed – 05/03/07	Submitted – 05/18/07
Arizona (V) – 040200	Distributed – 04/24/07	Completed – 05/01/07	Submitted – 05/18/07
Florida (V) – 120100	Distributed – 09/01/06	Completed – 09/12/06	Submitted – 11/06/06
Florida (V) – 120500	Distributed – 09/01/06	Completed – 09/13/06	Submitted – 11/07/06
Illinois (V) – 170600	Distributed – 08/31/06	Completed – 09/21/06	Submitted – 10/12/06
Kansas (V) – 200200	Distributed – 10/13/06	Completed – 11/01/06	Submitted – 12/07/06
Minnesota (V) – 270500	Distributed – 12/06/06	Completed – 12/13/06	Submitted – 01/10/07
North Carolina (V) – 370200	Due –	On – Hold – As of 11/07/06	Due –
Ohio (V) – 390200	Due -	On – Hold – As of 06/16/06	Due -

Task Order 14
Issued – May 19, 2006 Due – May 31, 2007

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Colorado (V) – 080200	Distributed – 06/16/06	Completed – 06/28/06	Submitted – 07/14/06
Michigan (V) – 260100	Distributed – 06/16/06	Scheduled – 07/11/06	Submitted – 08/04/06
Michigan (V) – 260199	Cancelled – 06/27/06	Cancelled – 06/27/06	Cancelled – 06/27/06
Ohio (V) – 390100	Due -	On Hold – As of 06/16/06	Due -

Task Order 13
Issued – March 22, 2006 Due – August 31, 2006

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Washington (A) – 530200	Distributed – 05/02/06	Completed – 05/24/06	Submitted – 06/09/06
Manitoba (V) – 830500	Distributed – 04/25/06	Completed – 08/03/06	Submitted – 08/17/06
Texas (V) – 480100	Distributed – 04/25/06	Completed – 05/10/06	Submitted – 06/02/06
Texas (V) – 480199	Distributed – 04/25/06	Completed – 05/10/06	Submitted – 06/02/06

Task Order 12
Issued – November 18, 2005 Due – March 17, 2006

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Michigan – 260100	Distributed – 11/29/05	Completed – 12/08/05	Submitted – 12/22/05
Michigan – 260199	Distributed - N/A	Completed – 12/08/05	Submitted – 12/22/05

Task Order 11
Issued – August 5, 2005 Due – July 31, 2006

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Manitoba – 830500	Distributed – 09/22/05	Completed – 10/11/05	Submitted – 10/25/05
Illinois – 170600	Distributed – 08/30/05	Completed – 09/08/05	Submitted – 09/22/05
Maryland – 240500	Distributed – 03/07/06	Completed – 03/22/06	Submitted – 03/31/06

Task Order 10
Issued – July 20, 2005 Due – October 19, 2005

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Pennsylvania – 420600	Distributed – N/A	Completed – 08/30/05	Submitted – 09/13/05

Task Order 9
Issued – February 18, 2005 Due – June 18, 2005

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Texas – 480100	Distributed – 04/18/05	Completed – 04/26/05	Submitted – 06/10/05
Texas (Additional Lane) – 480100	Distributed – 04/18/05	Completed – 04/27/05	Submitted – 06/10/05
Ohio – 390100	Distributed – 04/22/05	Completed – 05/12/05	Submitted – 05/27/05
Ohio – 390200	Distributed – 04/22/05	Completed – 05/12/05	Submitted – 05/27/05

Task Order 8
Issued – January 3, 2005 Due – August 6, 2008

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Florida – 120100	Distributed – 02/21/05	Completed – 02/28/05	Submitted – 03/15/05
Florida – 120500	Distributed – 02/24/05	Completed – 03/03/05	Submitted – 03/18/05
Pennsylvania – 420600	Distributed – N/A	Completed – 05/30/07	Submitted – 06/12/07

Task Order 7
Issued – November 5, 2004 Due – February 5, 2005

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
New Jersey – 340500	Distributed – 12/10/04	Completed – 01/04/05	Submitted – 01/17/05
Indiana – 180600	Distributed – 12/13/04	Completed – 12/21/04	Submitted – 01/03/05
Wisconsin – 550100	Distributed – 12/01/04	Completed – 12/14/04	Submitted – 12/28/04

Task Order 6
Issued – July 12, 2004 Due – November 10, 2004

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Missouri – 290600 (Assessment)	Distributed – 7/26/04	Completed – 8/03/04	Submitted – 8/18/04
Missouri – 290600 (Validation)	Cancelled Mod 12 – 10/20/04	Cancelled Mod 12 – 10/20/04	Cancelled Mod 12 – 10/20/04

Task Order 5
Issued – March 9, 2004 Due – June 7, 2004

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
California – 060600	Distributed – 05/10/04	Completed – 05/26/04	Submitted – 06/04/04
California – 060800	Distributed – 05/10/04	Completed – 05/25/04	Submitted – 06/04/04
Michigan – 260100	Canceled Mod 10 – 06/02/04	Canceled Mod 10 – 06/02/04	Canceled Mod 10 – 06/02/04
Michigan – 260200	Distributed – 04/12/04	Completed – 04/21/04	Submitted – 5/07/04
Michigan – 260600	Distributed – 04/12/04	Completed – 04/20/04	Submitted – 5/07/04
Texas – 480800	Postponed Mod 10 – 06/02/04	Postponed Mod 10 – 06/02/04	Postponed Mod 10 – 06/02/04
Texas – 48A800	Postponed Mod 10 – 06/02/04	Postponed Mod 10 – 06/02/04	Postponed Mod 10 – 06/02/04
Mississippi – 280800	Distributed – 04/19/04	Completed – 05/11/04	Submitted – 05/20/04

Task Order 4
Issued – January 22, 2004 Due – April 21, 2004

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
New Mexico – 350100	Distributed – 02/10/04	Completed – 02/19/04	Submitted – 03/04/04
New Mexico – 350500	Distributed – 02/10/04	Completed – 02/18/04	Submitted – 03/03/04
New Mexico – 350800	Distributed – 02/10/04	Completed – 02/17/04	Submitted – 03/03/04
Arizona – 040100	Distributed – 02/18/04	Completed – 03/03/04	Submitted – 03/15/04
Arizona – 040200	Distributed – 02/18/04	Completed – 03/02/04	Submitted – 03/15/04
Arizona – 040500	Distributed – 02/18/04	Completed – 03/01/04	Submitted – 03/15/04
Colorado – 080200	Distributed – 02/26/04	Completed – 03/17/04	Submitted – 03/30/04
Colorado – 080800	Distributed – 02/26/04	Completed – 03/16/04	Submitted – 04/30/04
Kansas – 200100	Distributed – 03/04/04	Completed – 03/30/04	Submitted – 04/13/04
Kansas – 200200	Distributed – 03/04/04	Completed – 03/31/04	Submitted – 04/13/04
California - 060500	Distributed – 02/24/04	Completed – 03/04/04	Submitted – 03/18/04

Task Order 3
Issued – November 3, 2003 Due – March 2, 2004

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Florida – 120100	Distributed – 12/08/03	Completed – 12/17/03	Submitted – 12/31/03
Florida – 120500	Distributed – 12/08/03	Completed – 12/18/03	Submitted – 12/31/03
Ohio – 390100	Distributed – 01/08/04	Completed – 02/04/04	Submitted – 02/20/04
Ohio – 390200	Distributed – 01/08/04	Completed – 02/04/04	Submitted - 02/20/04

Task Order 2
Issued – October 8, 2003 Due – January 6, 2004

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Alabama – 010100	Distributed – 11/26/03	Completed – 12/10/03	Submitted – 12/23/03
Alabama – 010500	Distributed – 11/26/03	Completed – 12/9/03	Submitted – 12/23/03
Alabama – 010600	Distributed – 11/26/03	Completed – 12/11/03	Submitted – 12/23/03
Florida – 120100	Distributed – 11/24/03	Completed – 12/03/03	Submitted – 12/16/03
Florida – 120500	Distributed – 11/24/03	Completed – 12/04/03	Submitted – 12/16/03
Georgia – 130500	Canceled Mod 9 – 06/02/04	Canceled Mod 9 – 06/02/04	Canceled Mod 9 – 06/02/04
North Carolina – 370200	Distributed – 04/19/04	Completed – 04/30/04	Submitted - 05/12/04
North Carolina – 370800	Distributed – 04/19/04	Completed – 04/29/04	Submitted – 05/12/04

Task Order 1
Issued – September 15, 2003 Due – December 14, 2003

Site	Pre-Visit Handout Guide	Site Visit Date	Report Due Date
Delaware – 100100	Distributed – 10/21/03	Completed – 10/28/03	Submitted – 11/12/03
Delaware – 100200	Distributed – 10/22/03	Completed – 10/29/03	Submitted – 11/12/03
Pennsylvania – 420600	Distributed – 10/30/03	Completed – 11/6/03	Submitted – 11/19/03
Ohio – 390100	Distributed – 11/05/03	Completed – 11/12/03	Submitted – 11/26/03
Ohio – 390200	Distributed – 11/05/03	Completed – 11/12/03	Submitted – 11/26/03
Ohio – 390800	Distributed – 11/05/03	Completed – 11/13/03	Submitted – 11/28/03
Tennessee – 470600	Distributed – 11/11/03	Completed – 11/18/03	Submitted – 12/02/03