

## **Research Progress Report**

For Quarter Ending December 31, 2006

**Today's Date** 07/31/2006

| Project Number  |         | Project Title                  |                |            |                                     |                   |            |  |
|---|---------|--------------------------------|----------------|------------|-------------------------------------|-------------------|------------|--|
| rt170   |         | 246.Improving Snow Plow Design |                |            | Highway Maintenance Concept Vehicle |                   |            |  |
| Research Progress Report Author                                 |         |                                | Telephone No.  |            | E-mail address                      |                   |            |  |
| Dennis Kroeger  |         |                                | (515) 296-     | 0910       | kroeger@iastate.edu                 |                   |            |  |
| Principal Investigator Name                                     |         |                                | Telephone      | No.        | E-mail ad                           | dress             |            |  |
| Tom Maze  |         |                                | (515) 294-9459 |            | tmaze@i                             | astate.edu        |            |  |
| Co-Investigator Name  |         |                                | Telephone      |            |                                     | dress             |            |  |
| Principal Investigator Organizatio                              | n Name  | /Address                       |                |            |                                     |                   |            |  |
| CTRE, 2711 S. Loop Dr., Ste. 4                                  | 700, An |                                |                |            |                                     |                   |            |  |
| DOT Office  |         | DOT Contact Name               |                |            | E-mail ad                           | dress             |            |  |
|   |         | Dennis Burkheimer              |                |            | dennis.bu                           | ırkheimer@dot.io  |            |  |
| Percent of Dollars Paid   | Dollars | Allocated                      | Dollars Pa     | id         |                                     | Percent Project   | Completion |  |
| 25  | 101,322 | 2.00                           | 25,085.80      | )          |                                     | 35                |            |  |
| Original Project Start Date                                     |         | Original Project<br>End Date   |                |            | Curren                              | t Completion Date |            |  |
| 03/01/2006  |         | 06/30/2007                     |                | 06/30/2007 |                                     |                   |            |  |
| DESCRIPTION OF RESEARCH   | ł       |                                |                | 04-        | -4 D-4-                             | Original          | Completion |  |
| Task Title  |         |                                |                |            | rt Date<br>Task                     | Completion Date   | Date       |  |
| Task 1. Assemble Background Information                         |         |                                |                | 03/0       | 1/2006                              | 05/31/2006        | 05/31/2006 |  |
| Task 2. Charrette for Defining Alternative "Packages" for Test. |         |                                |                | 04/0       | 3/2006                              | 05/01/2006        | 04/27/2006 |  |
| Task 3. Design and Construct the Prototype                      |         |                                |                | 05/01/2006 |                                     | 11/30/2006        |            |  |
| Task 5. Reporting   |         |                                |                | 04/0       | 2/2007                              | 06/29/2007        |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |
|   |         |                                |                |            |                                     |                   |            |  |



| Research Progress Report |  |
|--------------------------|--|
| (Page 2 of 3)            |  |
|                          |  |

| Technical Advisory Committee Names |                       | Telephone No. E-mail address |                  |                |                                |                   |  |  |
|------------------------------------|-----------------------|------------------------------|------------------|----------------|--------------------------------|-------------------|--|--|
| Dennis Burkheimer                  |                       |                              | (515) 239-1355   | denni          | dennis.burkheimer@dot.iowa.gov |                   |  |  |
| Technical Advisory Committee Names |                       | Telephone No.                | E-mai            | E-mail address |                                |                   |  |  |
|                                    |                       |                              |                  |                |                                |                   |  |  |
| Technical Advisory                 | Committee Names       |                              | Telephone No.    | E-mail address |                                |                   |  |  |
|                                    |                       |                              |                  |                |                                |                   |  |  |
| Technical Advisory                 | Committee Names       |                              | Telephone No.    | E-mail address |                                |                   |  |  |
|                                    |                       |                              |                  |                |                                |                   |  |  |
| Technical Advisory                 | Committee Names       |                              | Telephone No.    | E-mail address |                                |                   |  |  |
|                                    |                       |                              |                  |                |                                |                   |  |  |
| Technical Advisory                 | Committee Names       |                              | Telephone No.    | E-mai          | E-mail address                 |                   |  |  |
|                                    |                       |                              |                  |                |                                |                   |  |  |
| TAC Meeting Dates                  | TAC Meeting Dates     | TAC Meeting Dates            | TAC Meeting Date | s T            | AC Meeting Dates               | TAC Meeting Dates |  |  |
| 05/02/2006                         | 05/10/2006            | 06/14/2006                   |                  |                |                                |                   |  |  |
|                                    | r Concerns, Problems, |                              | Extension Reques | ts             |                                | ,                 |  |  |
|                                    |                       |                              |                  |                |                                |                   |  |  |
|                                    |                       |                              |                  |                |                                |                   |  |  |



## Research Progress Report (Page 3 of 3)

| Project Progress to Date and other pertinent information |          |  |  |  |
|--|----------|--|--|--|
| Project stopped.   |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
|  |          |  |  |  |
| Subject  | Keywords |  |  |  |