



# Annual Performance Indicators For University Transportation Centers

Prepared for the USDOT

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Project title: **Pacific Northwest Transportation Consortium (PacTrans): Developing Data Driven Solutions and Decision-Making for Safe Transport in the Pacific Northwest**

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Performance Indicators for the period October 1, 2017 – September 30, 2018

**Project/Grant Period:** November 30, 2016 - September 30, 2020

**Annual Performance Indicators - Part I: Program-wide Indicators (10/1/2017 – 9/30/2018)**

| Question   | PacTrans Total     | UW        | WSU       | UI        | OSU       | UAF       | GU | BSU |
|--|--------------------|-----------|-----------|-----------|-----------|-----------|----|-----|
| 1. Number of transportation-related courses offered during the reporting period taught by faculty and/or teaching assistants who are associated with UTC.  |                    |           |           |           |           |           |    |     |
| Undergraduate Courses  | <b>87</b>          | 36        | 7         | 18        | 12        | 4         | 4  | 6   |
| Graduate Courses   | <b>74</b>          | 33        | 4         | 11        | 18        | 2         | 0  | 6   |
| 2. Number of students participating in transportation research projects funded by this grant   |                    |           |           |           |           |           |    |     |
| Undergraduate Students   | <b>65</b>          | 32        | 6         | 15        | 7         | 2         | 3  | 0   |
| Graduate Students  | <b>90</b>          | 47        | 8         | 14        | 20        | 1         | 0  | 0   |
| 3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students   |                    |           |           |           |           |           |    |     |
| Master's Level Programs  | <b>23</b>          | 9         | 2         | 5         | 5         | 1         | 0  | 1   |
| Doctoral Level Programs  | <b>22</b>          | 9         | 2         | 5         | 5         | 1         | 0  | 0   |
| 4. Number of graduate students supported by this grant   |                    |           |           |           |           |           |    |     |
| Master's Level Students  | <b>44</b>          | 15        | 3         | 13        | 12        | 1         | 0  | 0   |
| Doctoral Level Students  | <b>40</b>          | 17        | 7         | 5         | 11        | 0         | 0  | 0   |
| 5. Number of students supported by this grant who received degrees   |                    |           |           |           |           |           |    |     |
| Master's Level Degrees   | <b>44</b>          | 7         | 4         | 7         | 24        | 1         | 0  | 1   |
| Doctoral Level Degrees   | <b>15</b>          | 2         | 2         | 3         | 8         | 0         | 0  | 0   |
| 6. Number of total dollar value of research projects selected for funding using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research: |                    |           |           |           |           |           |    |     |
| Advanced Projects  | <b>23</b>          | 4         | 3         | 6         | 7         | 3         | 0  | 0   |
| Advanced Dollar Amount   | <b>\$1,864,500</b> | \$260,000 | \$252,500 | \$540,000 | \$562,000 | \$250,000 |    |     |
| Applied Projects   | <b>38</b>          | 9         | 8         | 8         | 7         | 6         | 0  | 0   |
| Applied Dollar Amount  | <b>\$3,656,000</b> | \$964,000 | \$748,000 | \$812,000 | \$520,000 | \$572,000 |    |     |

**Annual Performance Indicators - Part II: UTC-Specific Indicators (10/1/2016 – 9/30/2017)**

| Category  | Description of Indicator   | PacTrans Total | UW | WSU | UI | OSU | UAF | GU | BSU |
|---|--|----------------|----|-----|----|-----|-----|----|-----|
| <b>1. Research Capability:</b><br>PacTrans will measure the effectiveness of our research activities by the number of conference presentations and publications, as well as by the type and amount of external support for research.  | 1a. # of presentations at conferences on UTC findings                                      | <b>126</b>     | 46 | 12  | 27 | 32  | 4   | 1  | 4   |
|   | 1b. # of peer-reviewed publications submitted based on outcomes of the UTC funded projects | <b>132</b>     | 45 | 17  | 18 | 40  | 6   | 3  | 3   |
|   | 1c. # of peer-reviewed publications accepted/published                                     | <b>79</b>      | 26 | 11  | 9  | 30  | 1   | 1  | 1   |
|   |  |                |    |     |    |     |     |    |     |
| <b>2. Leadership:</b><br>PacTrans will measure leadership success by the number of peer-reviewed articles published, the number of students we have mentored that are in the transportation workforce in various private and public sectors, and the number of conferences and transportation meetings in which we have disseminated knowledge. | 2a. Attendance at summits, conferences, seminars, workshops                                | <b>221</b>     | 80 | 23  | 26 | 83  | 5   | 4  | 0   |
|   | 2b. # of peer-reviewed conference papers   | <b>141</b>     | 47 | 8   | 31 | 42  | 3   | 6  | 4   |
|   | 2c. # of peer-reviewed archival journal publications                                       | <b>79</b>      | 26 | 11  | 9  | 30  | 1   | 1  | 1   |
|   | 2d. # of TRB committees membership and leadership roles                                    | <b>55</b>      | 9  | 13  | 10 | 19  | 2   | 2  | 0   |
|   | 2e. Other leadership in transportation organizations (editorial boards, expert panels)     | <b>76</b>      | 24 | 8   | 5  | 33  | 4   | 2  | 0   |
|   |  |                |    |     |    |     |     |    |     |

| Category  | Description of Indicator  | PacTrans Total | UW   | WSU | UI  | OSU  | UAF | GU  | BSU |
|---|---|----------------|------|-----|-----|------|-----|-----|-----|
| <b>3. Education and Workforce Development:</b><br>PacTrans will measure education and workforce development success by the number of students involved in transportation education, research and in the transportation workforce upon graduation. | 3a. # of students receiving degrees from consortium universities  | <b>654</b>     | 278  | 6   | 39  | 252  | 25  | 47  | 7   |
|   | 3b. # of continuing education credits awarded in transportation-related topics from consortium universities                                 | <b>3732</b>    | 1223 | 0   | 9   | 2500 | 0   | 0   | 0   |
|   | 3c. # of students attending regional and national workshops and conferences   | <b>287</b>     | 177  | 7   | 17  | 75   | 3   | 6   | 2   |
|   | 3d. # of students working in internships or co-op learning opportunities  | <b>178</b>     | 75   | 2   | 12  | 25   | 4   | 55  | 5   |
|   | 3e. # of students enrolled in transportation courses  | <b>2774</b>    | 832  | 215 | 462 | 1023 | 50  | 135 | 57  |
|   | 3f. # of students employed in public or private sector transportation jobs upon their graduation  | <b>125</b>     | 37   | 4   | 7   | 35   | 12  | 22  | 8   |
|   | 3g. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>masters level</b>  | <b>22</b>      | 9    | 2   | 5   | 5    | 1   | 0   | 1   |
|   | 3h. # of transportation-related advanced degree programs that utilize grant funds to support graduate students at the <b>doctoral level</b> | <b>23</b>      | 9    | 2   | 5   | 5    | 1   | 0   | 0   |
|   |   |                |      |     |     |      |     |     |     |

| Category   | Description of Indicator  | PacTrans Total  | UW | WSU | UI | OSU | UAF | GU | BSU |
|--|---|---|----|-----|----|-----|-----|----|-----|
| <b>4. Technology Transfer:</b> PacTrans will measure technology transfer success by the scope and breadth of dissemination of our research through outreach activities, publications and social media. | 4a. Link the PacTrans website so that user preferences and actions with the website can be tracked                                | ✓ Linked.   |    |     |    |     |     |    |     |
|  | 4b. Report on attendance – by type of employer – at the annual transportation conference  | <b>total: 245</b><br>academic: 156<br>public: 41<br>private: 48                                   |    |     |    |     |     |    |     |
|  | 4c. Conduct surveys of the transportation conference attendees regarding their use of PacTrans studies (and other sponsored work) | Following Oct. 2017 annual conference PacTrans research products have attracted serious interest. |    |     |    |     |     |    |     |
|  | 4d. Track the # of peer-reviewed articles and research reports submitted for publication  | <b>101</b>  | 32 | 15  | 17 | 35  | 2   | 3  | 0   |
|  | 4e. Track the # of patent filings   | <b>0</b>  | 0  | 0   | 0  | 0   | 0   | 0  | 0   |
|  | 4f. # of other social media recordings (e.g. Twitter followers)   | <b>274</b>  |    |     |    |     |     |    |     |

| Category  | Description of Indicator   | PacTrans Total | UW | WSU | UI | OSU | UAF | GU | BSU |
|---|--|----------------|----|-----|----|-----|-----|----|-----|
| <b>5: Collaboration:</b> PacTrans will measure collaboration success by the number, types and products/results of partnerships. | 5a. # of papers published from research collaborations   | <b>15</b>      | 4  | 3   | 3  | 5   | 0   | 0  | 0   |
|   | 5b. # of conference presentations made from collaborative efforts  | <b>32</b>      | 12 | 2   | 7  | 10  | 1   | 0  | 0   |
|   | 5c. Participants from universities, public agencies, and private firms at the regional transportation summit | <b>245</b>     |    |     |    |     |     |    |     |
|   | 5d. # of collaborative training programs established   | <b>0</b>       | 0  | 0   | 0  | 0   | 0   | 0  | 0   |
|   | 5e. # of student interns in these collaborative programs   | <b>0</b>       | 0  | 0   | 0  | 0   | 0   | 0  | 0   |