



I-29 Fargo Home  
 ATAC Home  
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## 2002 User Survey of I-29 Construction Activities

The Advanced Traffic Analysis Center at North Dakota State University is conducting a survey of user perceptions of construction impacts and traveler information. This information will be used to assess traveler information needs in the Fargo-Moorhead and help guide intelligent transportation systems in North Dakota.

Please enter your Zip code:

**1 Before construction began, how often did you travel on I-29?**

- Never
- Less than once weekly
- Weekly
- Once daily
- Twice daily
- More than twice daily

**2 Currently, how often do you travel on I-29?**

- Never
- Less than once weekly
- Once weekly
- Once daily
- Twice daily
- More than twice daily

**If you currently travel on I-29, what time of day do you use I-29 and how would you characterize traffic conditions through the I-29 construction zone for the time periods indicated? (Please check all that apply)**

- Morning:**       Light    Moderate    Heavy
- Midday:**       Light    Moderate    Heavy
- Afternoon:**    Light    Moderate    Heavy
- Evenings/Night:**  Light    Moderate    Heavy

**3 Do you use alternate routes because of the I-29 construction?**

- Always    Sometimes    Never

**If you use alternate routes, which route(s) do you use? (Please check all that apply)**

- University Drive/10<sup>th</sup> St.
- 25<sup>th</sup> St.
- 42<sup>nd</sup> St.
- 45<sup>th</sup> St.
- Other (Please specify)

If you use alternate routes, what time of day do you use them and how would you characterize traffic volume on these routes? (Please check all that apply)

- Morning:       Light    Moderate    Heavy
- Midday:       Light    Moderate    Heavy
- Afternoon:       Light    Moderate    Heavy
- Evening/Night:       Light    Moderate    Heavy

4 Have you modified your trip departure times to avoid traffic due to construction activities?

- Yes    No

If Yes, what time of the day do you modify your trip departure times and how would you characterize traffic volume at those times? (Please check all that apply)

- Morning:       Light    Moderate    Heavy
- Midday:       Light    Moderate    Heavy
- Afternoon:       Light    Moderate    Heavy
- Evening/Night:       Light    Moderate    Heavy

**The remainder of this survey will determine how you currently value traveler information and how information technology can affect your travel.**

5 If there was up-to-the-minute information about traffic in the construction zone, which of the following best describes how often you would use it?

- Would not use it
- Only if there were traffic problems
- Sometimes
- Often

6 How would you value up-to-the-minute information regarding traffic in the construction zone?

- No value
- Somewhat value
- Moderately value
- Highly value

7 Which of the following media types would be useful for receiving up-to-the-minute information about traffic in the construction zone? (Please check all that apply)

- Web Site
- Information Hot Line by Phone
- Dedicated Radio Station
- Commercial Radio
- Cable TV

8 If up-to-the-minute traffic information became available year-round via a web site, would you visit the web site for information other than construction?

- Yes    No

**If Yes, which of the following kinds of information would you like to see on a web site?**  
(Please check all that apply)

- Winter road conditions
- Special events (i.e. concerts)
- Traffic speeds
- Traffic congestion
- Live video of traffic
- Incident reports (i.e. major accident, minor collision, stalled vehicle)

Send Information

Start Over

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## Highlights from the results of the I-29 Fargo survey (134 responses)

(This survey was posted on the I29fargo.com and atacenter.org web sites)

### 1. Level of use for I-29:

- 63%** used I-29 at least once daily before construction
- 47%** used I-29 at least once daily during construction

### 2. Traffic conditions on I-29

(More people felt traffic was heavy during afternoon period.)

#### Morning

- moderate 50%
- heavy **24%**

#### Afternoon

- moderate 62%
- heavy **34%**

### 3. Use of alternative routes

- 45<sup>th</sup> Street **45%**
- 25th Street 21%
- University Dr./10th Street 16%
- 42 Street 15% (we expected this to be higher)

### 4. Traffic on alternative routes:

(More people felt traffic was heavier on alternative routes (compared to I-29), but again worse in the afternoon.)

#### Morning

- moderate 48%
- heavy **24%**

#### Afternoon

- moderate 34%
- heavy **60%**

### 5. Trip departure times:

- 40%** changes time when they leave

### 6. Possible use of information about traffic conditions in the construction zone:

- 44%** would use often
- 20% would use if there were traffic problems
- 29% would use sometimes

### 7. Value of timely information on traffic in the construction zone:

- 43%** high value
- 25% moderate value
- 29% somewhat value

### 8. Method of delivering information:

- 33%** Web page
- 25% commercial radio (22% dedicated radio station)
- 14% cable TV channel
- 5% Information hot line by phone

### 9. Willingness to visit a web site with information available year-round:

- 92%** Yes

Type of information that would provide the highest value:

- 32%** Incident reports and special events
- 23%** Winter road conditions
- 20%** Traffic congestion
- 15%** Live video of traffic