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/10th St. ☐
- 25th St. ☐
- 42nd St. ☐
- 45th 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
   - 45th 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