

Appendix G—

Background

The North Campus Planning Subcommittee (NCPS) has been meeting every other week from

April 2007 to the present. It was imperative to involve the UAF and Fairbanks communities. Three public meetings were held to seek input from these communities. The meetings were held at different locations to facilitate representation from different segments of the public. The meeting locations and times were:

- April 2, 2007 UAF West Ridge (UAF West Ridge) - Meeting at this location was held to seek input from the UAF West Ridge community.
- April 16, 2007 UAF West Ridge (UAF West Ridge) - Meeting at this location was held to seek input from the UAF West Ridge community.
- April 30, 2007 UAF West Ridge (UAF West Ridge) - Meeting at this location was held to seek input from the UAF West Ridge community.

April 2, 2007 UAF West Ridge (UAF West Ridge) - Meeting at this location was held to seek input from the UAF West Ridge community. The target of this location was faculty, staff, and students with home departments on UAF's West Ridge. The

An eight-page self administered survey and printouts of the posters were distributed to those attending the meetings. The survey consisted of 40 questions with a Likert Scale response

format (i.e., 1=strongly agree, 2=agree, 3=neutral, 4=disagree, 5=strongly disagree) and a 5-point Likert Scale response format (i.e., 1=highly unacceptable, 2=unacceptable, 3=neutral, 4=acceptable, 5=highly acceptable). The Likert Scale response format allows for systematic tabulation of results and comparisons across questions.

The survey had several subcomponents. The first section of the survey presented hypothetical scenarios and asked a series of questions regarding each hypothetical scenario. The next section of the survey asked questions regarding the UAF's current planning process and the UAF's current planning process. The final section of the survey asked questions regarding the UAF's current planning process and the UAF's current planning process.

It is important to note that those who completed the survey were self-selected. The sample consisted only of those who attended the meetings and were given the survey. The survey process was held in a room where the survey was distributed. The survey was distributed to those who attended the meetings. Statements generalizing these results to the entire population of UAF faculty, staff and students or the Fairbanks community cannot be made.

Table 3. Comparison of area that Prompted Comment and how Comment was Obtained.

| Area | How Comment was Obtained | | | | | Total |
|----------------|--------------------------|-------|--------|------|---------|-------|
| | Random | Phone | Survey | Walk | Woodlot | |
| Comments | 0 | 0 | 0 | 0 | 1 | 1 |
| Dogs on trails | 0 | 0 | 11 | 0 | 0 | 11 |
| Frosion | 0 | 0 | 4 | 0 | 0 | 4 |
| General | 0 | 0 | 0 | 0 | 33 | 33 |
| Lights | 24 | 3.3 | 0 | 0 | 0 | 27.3 |

Table 4. Category of Written Comments.

| Category | Count | Percent |
|------------------|-------|---------|
| Trail Management | 30 | 3.8 |
| Permits | 19 | 2.4 |
| Access | 33 | 4.5 |
| Walkers | 29 | 4.0 |
| Volunteers | 28 | 3.8 |
| Buildings | 28 | 3.8 |
| Parking | 28 | 3.8 |
| Lights | 0 | 0 |

Table 8. Substantive of Comments Received Answer

Table 11. Substantive of Comments Received Dear

Survey

- The approach to reduce these conflicts with the most acceptance was requiring

One hundred and twenty eight individuals completed the survey. Since the respondents were self-selected, the response rate cannot be calculated. Because the results were not based on a

response collapsed into acceptable and unacceptable categories. The results across all response categories appear in Appendix A.

Approximate number of respondents

It has been proposed to widen a one-mile segment of an existing trail. The wider ski-skiing in the winter. However, widening the trail would generate even

Hypothetical Future Scenario 4

A research project is proposed that would require a specific research site in North Campus to be

discontinued from use of other areas of the site that are currently used for other purposes. The site is currently used for other purposes and is located in the area of the site that is currently used for other purposes. The site is currently used for other purposes and is located in the area of the site that is currently used for other purposes.

At the time of the proposal, the site is currently used for other purposes and is located in the area of the site that is currently used for other purposes. The site is currently used for other purposes and is located in the area of the site that is currently used for other purposes.



Questions Regarding Branches / Tree Removal

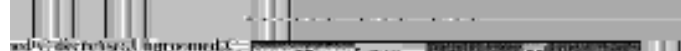
Questions Regarding Trail Surfaces, Permafrost Issues, and Damage to Roots

Questions Regarding T-Field Road

Number of winter trails groomed for skate and classic



Number of groomers



Number of groomers



Number of groomers



Questions Regarding Ski Trails

The T-Field Road is the area where a relatively high amount of conflict seems to occur. There is a

Currently in the North Campus Area, there is a

Number of groomers

Increase

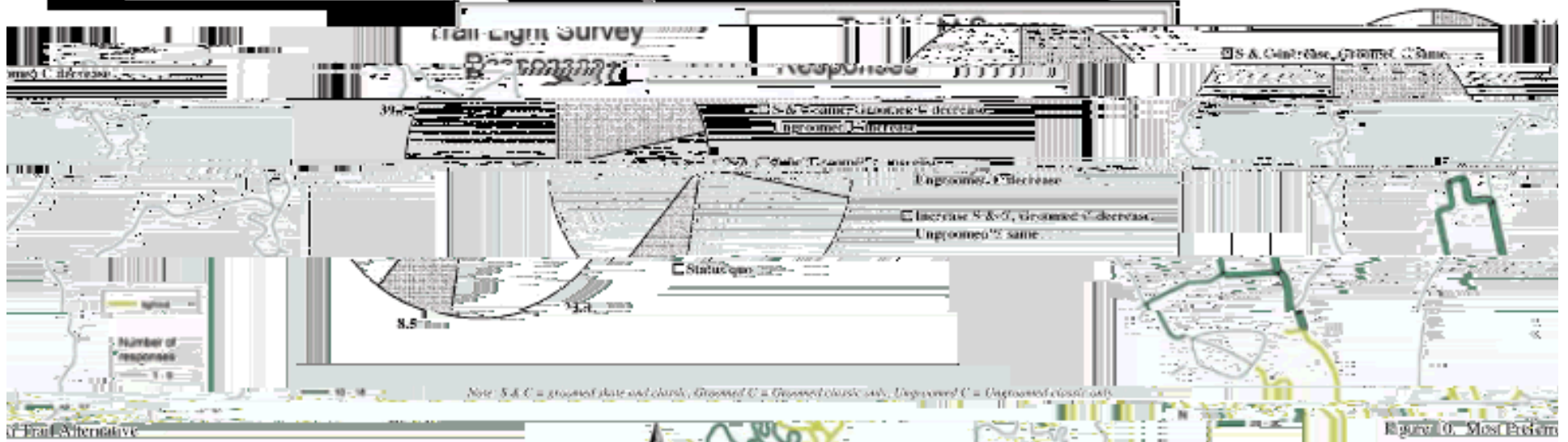
S & C Groomer

Number of groomers



S & C Groomer





- Status quo was the most preferred alternative.

If the respondents felt the amount of lit ski trails should be expanded, they were asked to indicate where the additional lights should be located.

- The most cited location for additional ski trail lights was the T-Field second most cited locations for additional ski trail lights were midnight express, Big zzy, and the Smith Lake Connector.

Figure 10: Responses to Where Additional Ski Trail Lights Should

Cluster Analysis

While the frequencies provide an indication of the acceptability or agreement of specific management issues, it does not give an overall indication to different segments of the respondents. Cluster analysis groups the respondents into groups based on similar response patterns. This provides a segmentation of respondents who hold similar views toward

| | | | |
|-----------------------------|------|------|------|
| advisability | 2.50 | 4.08 | 4.64 |
| things could not be allowed | 6.46 | 5.71 | 2.59 |
| characteristic of | 4.24 | 4.19 | 4.90 |

and consistency of questions and their responses. However, not every question and it may be difficult to make meaningful distinctions between groups. This survey consisted of 40 questions, however some questions measured similar concepts. To simplify the analysis, the questions that measure similar concepts can be averaged together to form one score, or scale, for the concept the questions are measuring.

The first step to constructing a scale is to ensure the questions are measuring the same concept. One way to do this is to use Cronbach's Alpha. This type of reliability analysis is Cronbach's Alpha, which calculates the average of all possible correlations among items to be included in the scale. Typically an Alpha value of .6 or higher is taken as an indication the items are measuring the same concept. To be more stringent, an alpha value of .7 was used as the cut-off for this analysis. In other words, if the items had a Cronbach's Alpha of .7 or higher, they

Results of Reliability Analysis

| | | |
|--|-----|-----|
| Close certain areas | 1.0 | 1.0 |
| Close certain parking areas | 1.0 | 1.0 |
| Close certain areas of outreach and recreation use | 1.0 | 1.0 |
| The network of winter walking trails in the North Campus Area should be expanded | 1.0 | 1.0 |
| Close area to outreach and recreation* | 1.0 | 1.0 |
| Remove trees or branches for snow and safety* | 1.0 | 1.0 |
| Install windchips on trails* | 1.0 | 1.0 |
| Prohibit wheeled motorized access in winter | 1.0 | 1.0 |
| Scale items - search for items to scale | 1.0 | 1.0 |

A cluster analysis was conducted on the scale items and the following items.

Table 15. Results of K-Means Cluster Analysis

| | Cluster | | |
|---|---------|------|------|
| | 1 | 2 | 3 |
| advisability | 2.50 | 4.08 | 4.64 |
| things could not be allowed | 6.46 | 5.71 | 2.59 |
| characteristic of | 4.24 | 4.19 | 4.90 |
| Close area to outreach and recreation* | 5.95 | 3.69 | 3.93 |
| Remove trees or branches for snow and safety* | 4.24 | 4.19 | 4.90 |
| Install windchips on trails* | 1.04 | 2.49 | 2.11 |
| Prohibit wheeled motorized access in winter | 1.76 | 4.27 | 2.86 |

unacceptable to close areas to outreach and recreation; and had the highest level of concern regarding the need to mediate the use of the area.

Cluster 2 might be labeled walkers / researchers / natural. This group (12% of respondents) had the lowest level of concern about the need to mediate the use of the area. This group was also the most likely to support the expansion of the network of winter walking trails in the North Campus Area. This group was also the most likely to support the expansion of the network of winter walking trails in the North Campus Area.

Cluster 3 represents respondents who based their response on the need to restrict research activity with the highest level of concernability and found it

APPENDIX A - ALL RESPONSE CATEGORIES

| Hypothetical Scenario 14 | | | | | Hypothetical Scenario 15 | | | | | | | | | | | |
|---|-------------------|---------------------|-------------------|------|--------------------------|-----------------------|---------------------|---------|-----------------------|-------------------------|---------------------|------|----------------|------------------|----------------|---------|
| | Slightly disagree | Moderately disagree | Strongly disagree | | Highly acceptable | Moderately acceptable | Slightly acceptable | Neither | Slightly unacceptable | Moderately unacceptable | Highly unacceptable | | Strongly agree | Moderately agree | Slightly agree | Neither |
| 1 | 12.2 | 20.9 | 44.3 | 120 | 28.8 | 23.3 | 19.2 | 4.2 | 6.7 | 10.8 | 10 | 115 | 7.8 | 4.3 | 7 | 3 |
| 2 | 16.8 | 20.4 | 22.1 | 120 | 28.8 | 23.3 | 19.2 | 4.2 | 6.7 | 10.8 | 10 | 113 | 11.5 | 8.8 | 0.7 | 10 |
| 3 | 14.9 | 5.8 | 4.1 | 6.6 | 4.1 | 149 | 5.8 | 4.1 | 6.6 | 4.1 | 149 | 5.8 | 4.1 | 6.6 | 4.1 | 149 |
| 4 | 6.2 | 21.2 | 10.6 | 14.2 | 38.1 | 62 | 21.2 | 10.6 | 14.2 | 38.1 | 62 | 21.2 | 10.6 | 14.2 | 38.1 | 62 |
| <p>...restrict additional research activity in certain areas of North Campus?</p> <p>...restrict additional research projects in North Campus Area in general?</p> <p>...require additional research projects in North Campus to be more compatible with other uses?</p> <p>...take no action?</p> <p>...close certain trails?</p> <p>...close certain parking areas?</p> <p>...close certain areas to winter dog use?</p> <p>...take no action?</p> | | | | | | | | | | | | | | | | |
| <p>The research project ... should not be allowed.</p> <p>The research project should be allowed, but without fencing ...</p> <p>...require additional research projects in North Campus Area in general?</p> <p>...require additional research projects in North Campus to be more compatible with other uses?</p> <p>...take no action?</p> <p>...close certain trails?</p> <p>...close certain parking areas?</p> <p>...close certain areas to winter dog use?</p> <p>...take no action?</p> | | | | | | | | | | | | | | | | |
| <p>a. n = number of responses for each item, all other cell entries are percent of respondents in each category</p> <p>a. n = number of responses for each item, all other cell entries are percent of respondents in each category</p> | | | | | | | | | | | | | | | | |
| <p>Skiers and walkers*</p> <p>Dogs on ski trails*</p> | | | | | | | | | | | | | | | | |
| <p>*n = number of responses for each item, all other cell entries are percent of respondents in each category</p> | | | | | | | | | | | | | | | | |

Winter / summer trails*

Ski trails*

| Group/class | Highly | | | Moderately | | | Slightly | | | Please indicate your acceptability of each scenario | | | | | | |
|-------------|-------------------|---------------------|----------------|-------------------|---------------------|----------------|-------------------|---------------------|----------------|---|------------|------------|-----|------|------|------|
| | Highly acceptable | Slightly acceptable | Not acceptable | Highly acceptable | Slightly acceptable | Not acceptable | Highly acceptable | Slightly acceptable | Not acceptable | Scenario A | Scenario B | Scenario C | | | | |
| same | 116 | 61.2 | 24.1 | 7.8 | 5.7 | 1.7 | 126 | 68.3 | 15.9 | 6.3 | 8 | 5.6 | 8 | 2.4 | | |
| 8 | 7.2 | 23.2 | Scenario C | same | decrease | increase | 142 | 10.7 | 5.4 | 18.8 | 30.4 | 34.8 | 125 | 29.6 | 12.8 | 15.2 |

T-Field Road*

| | Highly Unacceptable | Highly Acceptable | Medium Acceptable | Strongly Acceptable | Response Description | Strongly Unacceptable | Medium Unacceptable | Highly Unacceptable | |
|-----|------------------------|----------------------|----------------------|------------------------|--|--------------------------|------------------------|------------------------|------|
| 4 | 10.5 | 10.5 | 5.6 | | ...prohibit wheeled motorized access in winter? | 124 | 51.6 | 9.7 | 8.1 |
| 4.2 | 8.5 | 46.2 | 41.5 | | ...require advance notice for wheeled motorized access in winter? | 422 | 38.5 | 45.4 | 33.7 |
| 8 | 4.8 | 8.8 | 76 | | ...allowed unlimited wheeled motorized access in winter? | 125 | 4.8 | 2.4 | 2.4 |

percent of respondents in each category

n = number of responses for each item, all other cell entries are

Table Along Shoulder*