

5-COUNTY REGIONAL TRANSPORTATION STUDY



DOUGLAS • JOHNSON • LEAVENWORTH • MIAMI • WYANDOTTE

FINAL Survey Report

Conducted for

**Kansas Department of Transportation
Mid America Regional Council
Lawrence-Douglas County MPO**

By

ETC Institute

725 W. Frontier Circle
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(913) 829-1215

In association with

Parsons Brinckerhoff
PB Americas, Inc.

May 15, 2009

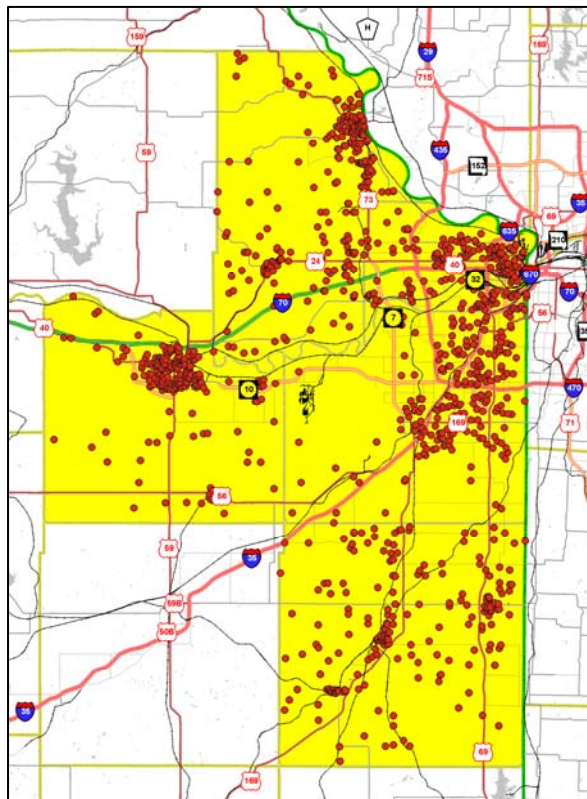
5-County Regional Transportation Study Executive Summary

Overview

Purpose. ETC Institute, in association with Parsons Brinckerhoff, conducted a survey of residents in the 5-County Region that includes Douglas, Johnson, Leavenworth, Miami, and Wyandotte Counties, during April and May of 2009. The purpose of the survey was to gather input from residents regarding issues and opportunities relating to transportation planning for the region. The Kansas Department of Transportation (KDOT), the Mid America Regional Council (MARC), and the Lawrence-Douglas County MPO sponsored the study. Some of the specific topics that were addressed in the survey included:

- Perceptions of current transportation issues.
- Commute issues for those who worked outside of the home.
- Methods of transportation used.
- Issues that contribute to traffic congestion.
- Potential solutions to easing travel in the future.
- The importance of various issues to transportation improvements.
- Preferred sources of funding for transportation improvements.
- Transportation status.
- The impact of truck traffic.

Methodology. The survey was mailed to a random sample of over 3,500 residents and administered to 1,194 households during April and May of 2009. See scatter map at right. The original goal of 1,000 surveys was exceeded by 194 additional surveys. The overall results for the 1,194 surveys that were administered have a precision of at least +/- 3% at the 95% level of confidence.



Contents of the Report. This report contains:

- an executive summary of the methodology and major findings
- charts depicting the overall results to the survey
- GIS maps that show the general location of responses
- tables that show the results of the survey
- cross-tabs that show the results of the survey by County
- a copy of the survey instrument

Major Findings

- **Perceptions of Current Transportation Issues.** Those surveyed were asked about their level of satisfaction with various transportation issues. The issues with which residents were most satisfied, were traffic flow on highways and major roads (65%), maintenance of current roads between the cities (56%), and the effect the transportation system on safety (47%). Of least satisfaction was the availability of transit between the cities (22%) and the availability of bike lanes and facilities (21%). **When asked to name the most important issues to address over the next ten years, residents named the maintenance of current roads within the cities, and the traffic flow on highways and major roads.**
- **The Realities of Commute Travel.** Sixty percent (60%) of those surveyed work outside of the home. When asked about their commute, 17 miles was the mean distance to work, 25 minutes was the mean time it took, and it was expected that 7 minutes of time could be saved on the way to work, if there was no traffic congestion.
- **Method of Travel by Residents.** Seventy-six percent (76%) of those surveyed had at least 2 cars in their household. Nine percent (9%) of all who responded were reliant on transit or friends and relatives for their transportation.
- **Potential Use of Transit if Available.** Those surveyed were asked if they would use a regional transit system if it were available for where they wanted to go and when they wanted to go there. Fifty-three percent (53%) indicated that they would use it for work and personal travel.
- **Traffic Congestion.** Those surveyed felt that traffic congestion would get much worse (40%) or a little worse (38%) over the next 10 years. Those surveyed felt that the issues that had the most impact on traffic congestion were the lack of alternatives to driving (46%), poor timing of traffic lights (44%), road construction (39%), and poorly planned development (39%).

- **Potential Transportation Solutions.** Of ten possible transportation solutions, residents were asked to pick the three that they thought would be the most effective. Their top four are widening existing roads, improving existing intersections, adding improved bus transit, and building other new connecting roads.
- **The Importance of Various Issues to Transportation Improvements.** Those surveyed indicated their most important issues to be considered as transportation improvements were planned, were traffic safety (88%), the protection of water quality (87%), the protection of air quality (87%) and the cost to the taxpayer (75%).
- **How Transportation Improvements Should be Funded.** Those surveyed were asked their preference of funding sources for transportation improvements. Their greatest support was for applying a new road impact fee for new developments (57%), the use of tolls (49%), an increase in gas tax (34%), and an applied usage fee (33%).
- **Transportation Status.** The strongest agreement about various issues to be considered with transportation planning for the future were for the reduction of dependency on oil (75%), that projects should promote healthy lifestyles (68%), that the environmental impact of transportation projects be minimized (64%), and that a regional bus transit system should be planned (63%).

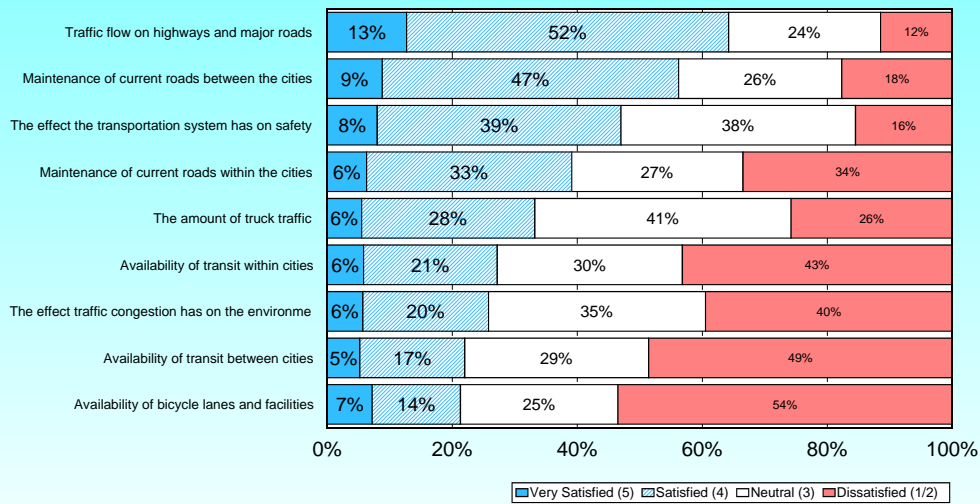
OTHER

- Sixty-four percent (64%) of those surveyed felt that more emphasis should be placed on maintaining the existing transportation system than on expanding it.
- Only 18% of those surveyed felt that truck traffic negatively affected their travel; 74% felt it did not affect their travel, and 8% did not know.

Section 1:
Charts and Graphs

Q1. Perceptions of Current Transportation Issues

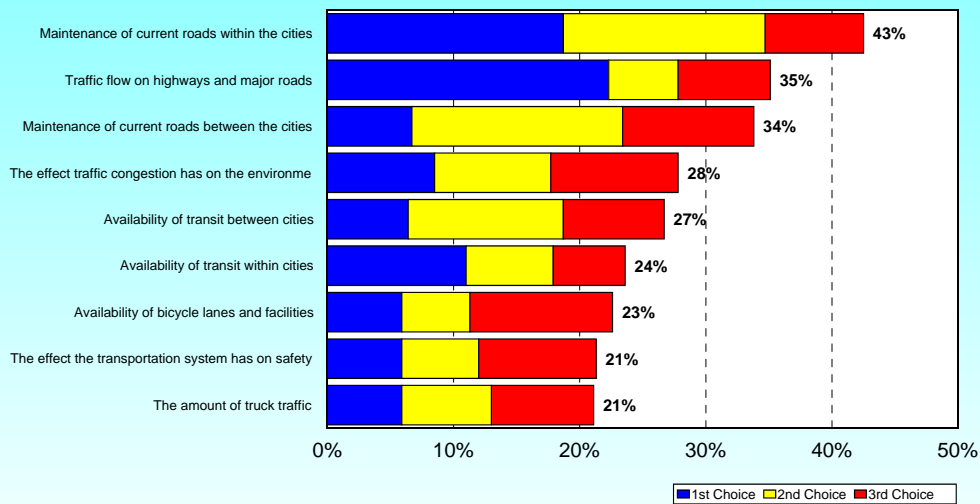
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



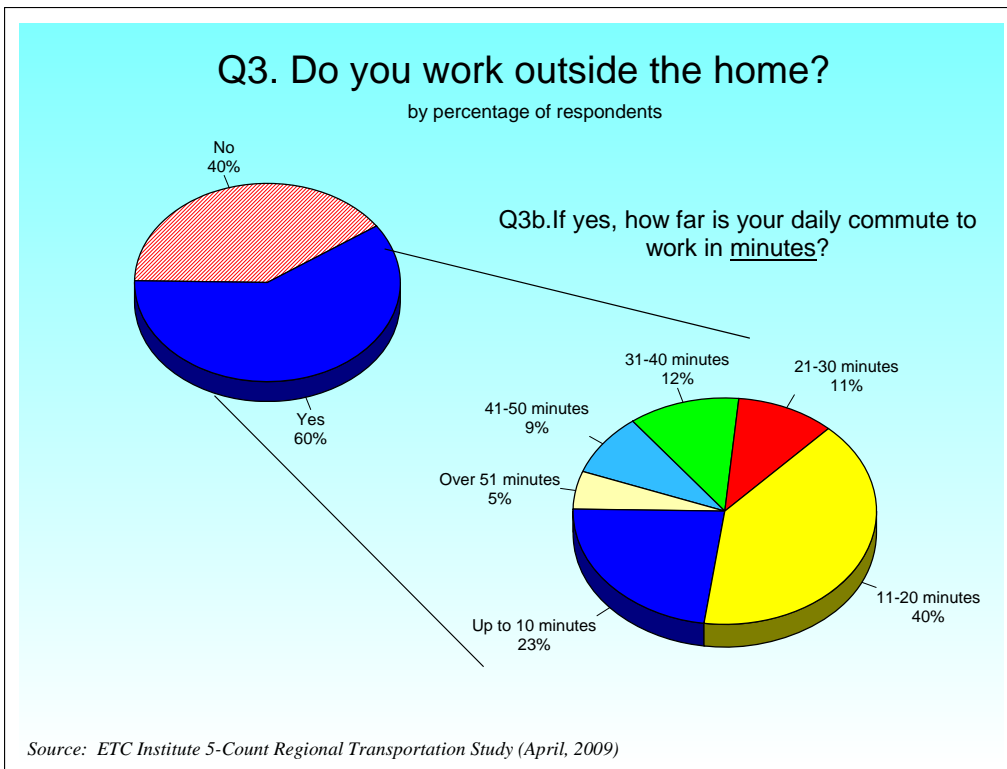
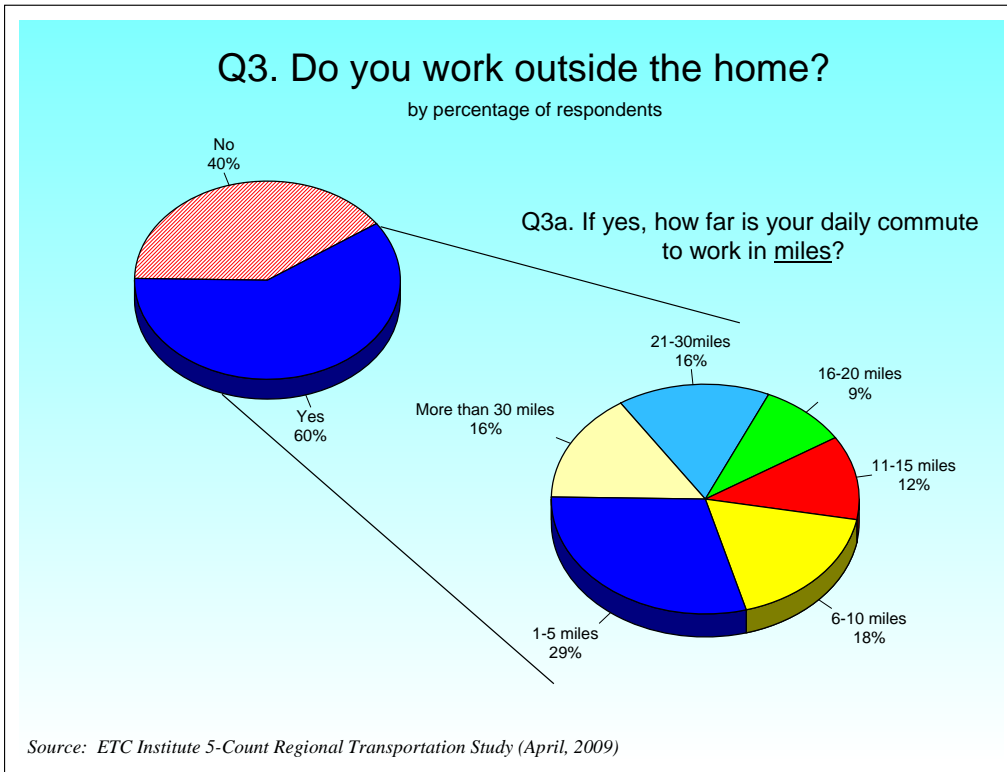
Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

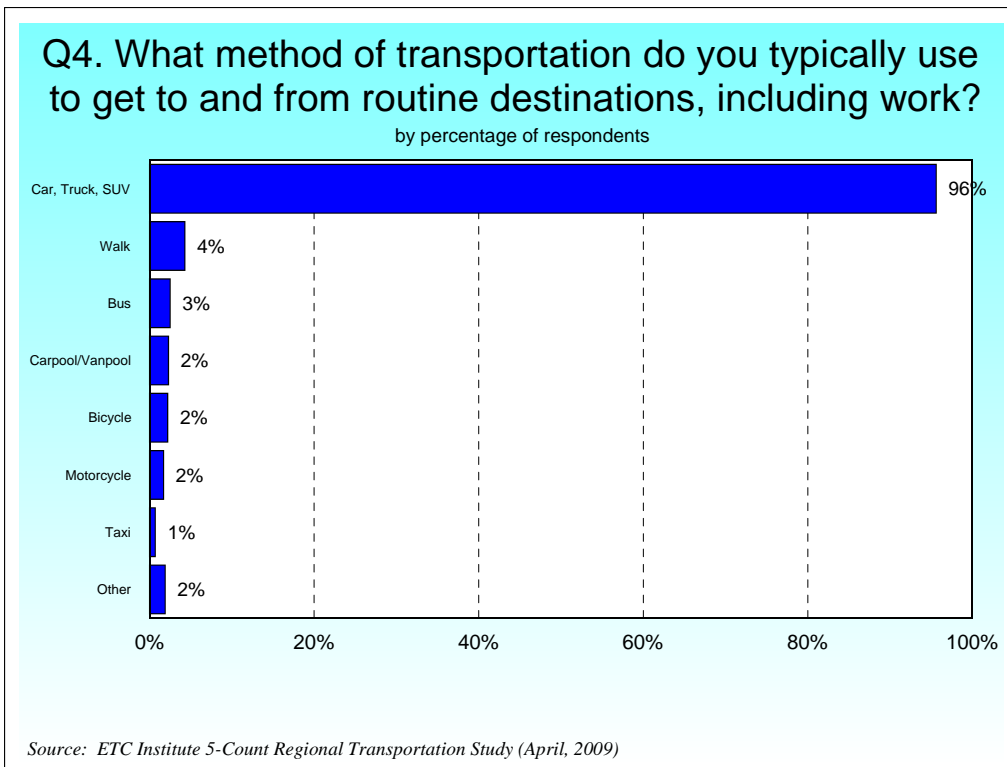
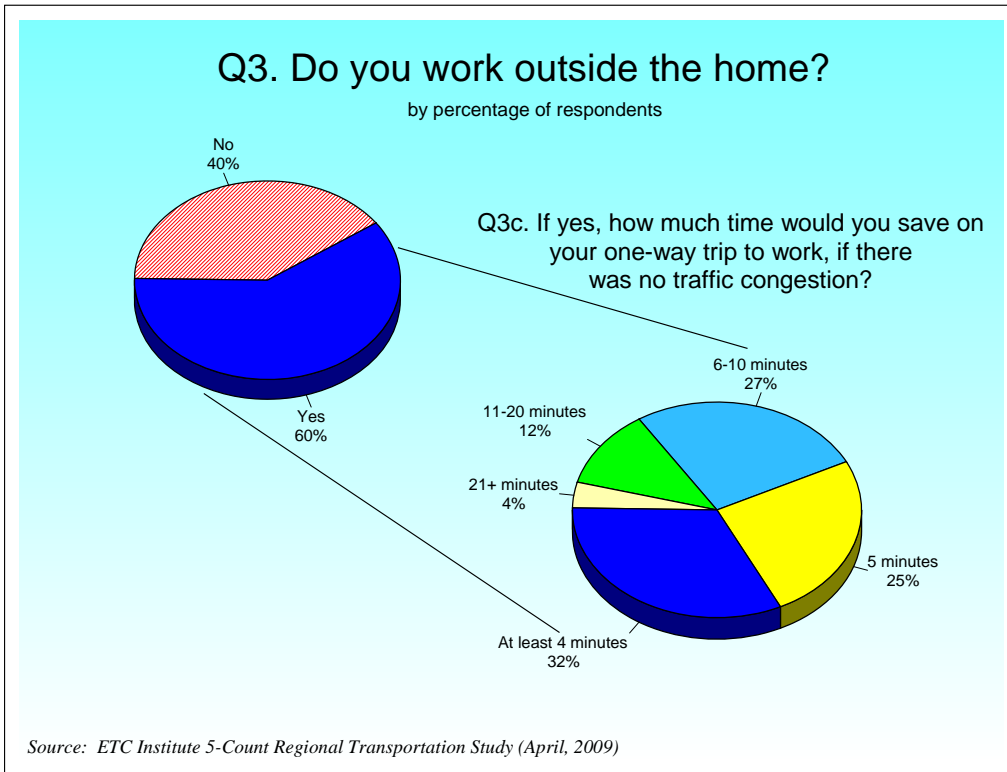
Q2. Which transportation issues are the most important to address over the next ten years?

by percentage of respondents who made three choices (excluding don't knows)



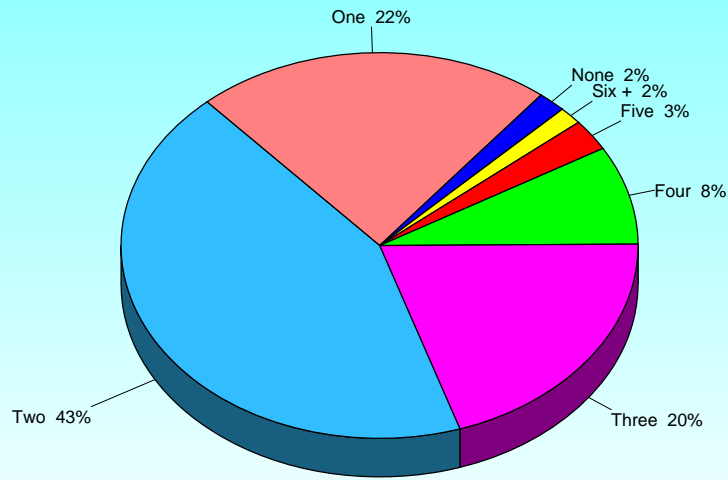
Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)





Q5. How many vehicles are in your household?

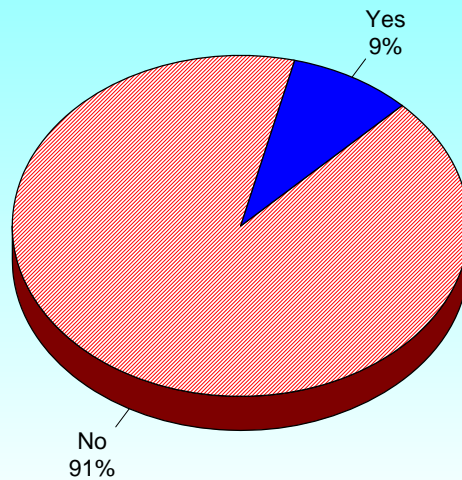
by percentage of respondents



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q6. Are you dependent on transit or friends and relatives to get you to where you want to go?

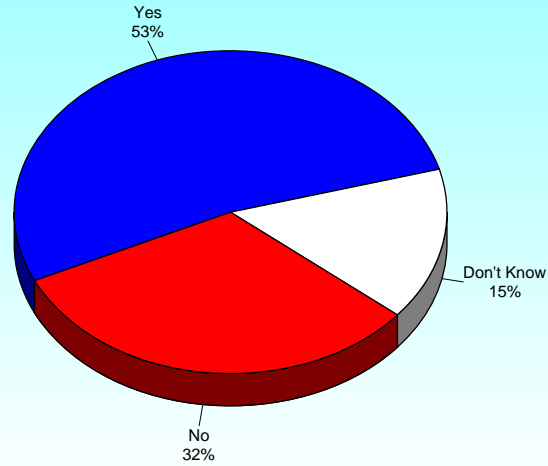
by percentage of respondents



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q7. If the 5-County area had a regional transit system that went to where you wanted to go when you wanted to go there, would you be likely to use the system to get to and from work and for personal travel?

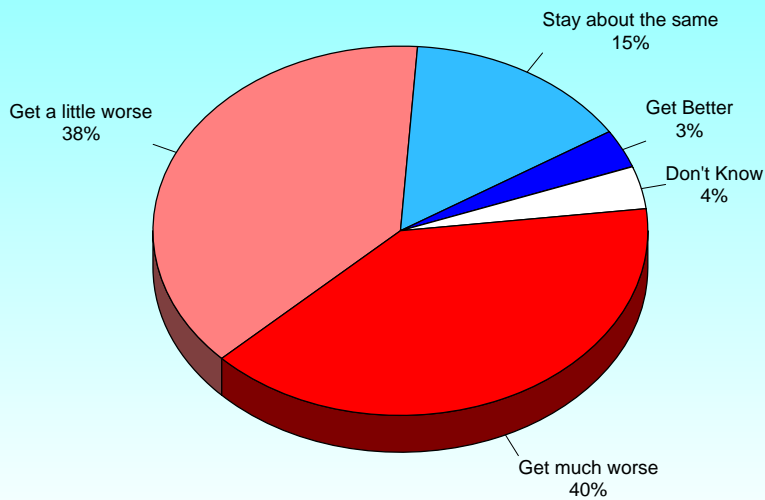
by percentage of respondents



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q8. In the next 10 years, do you think the traffic congestion in your area will change?

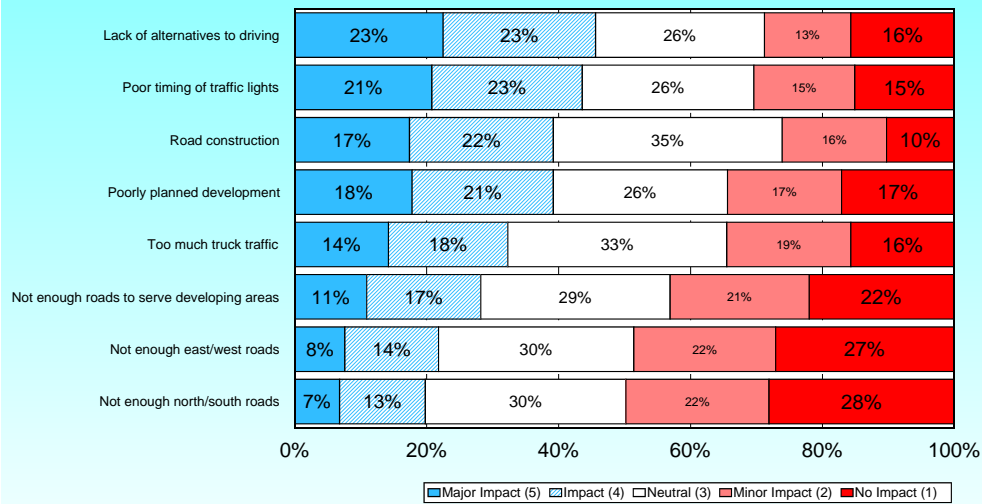
by percentage of respondents



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q9. Contributors to Traffic Congestion

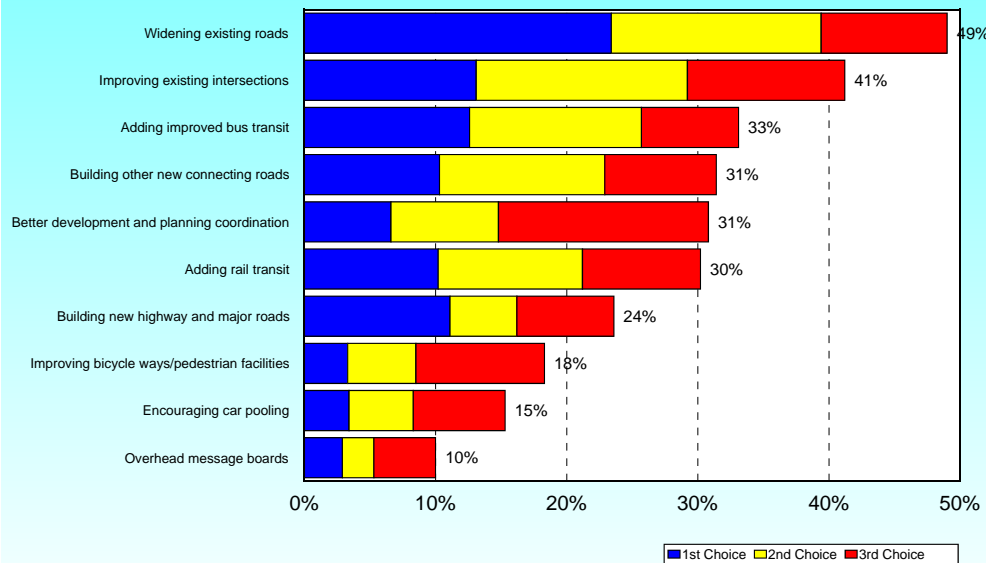
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q10. Potential Transportation Solutions

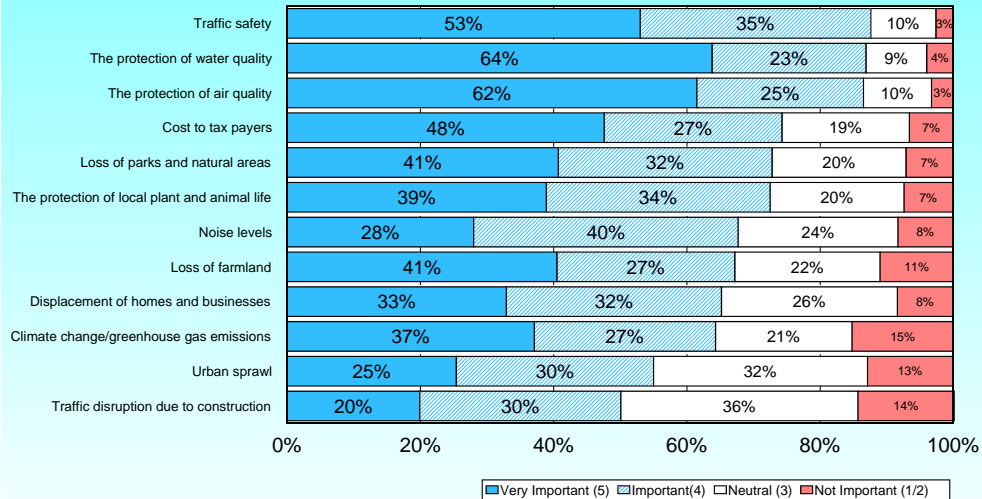
by percentage of respondents who made three choices (excluding don't knows)



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q11. Importance of Various Issues to Transportation Improvements

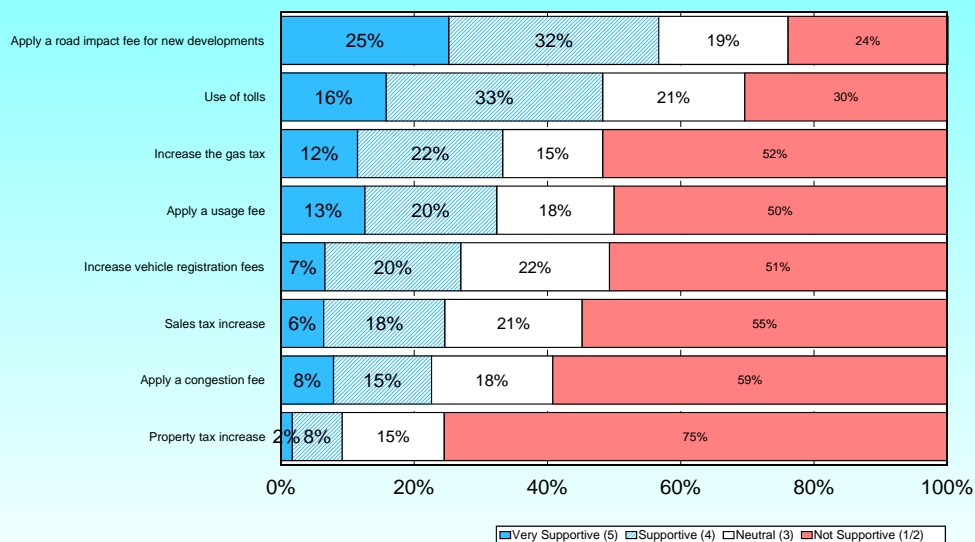
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q12. Sources for Funding Transportation Improvements

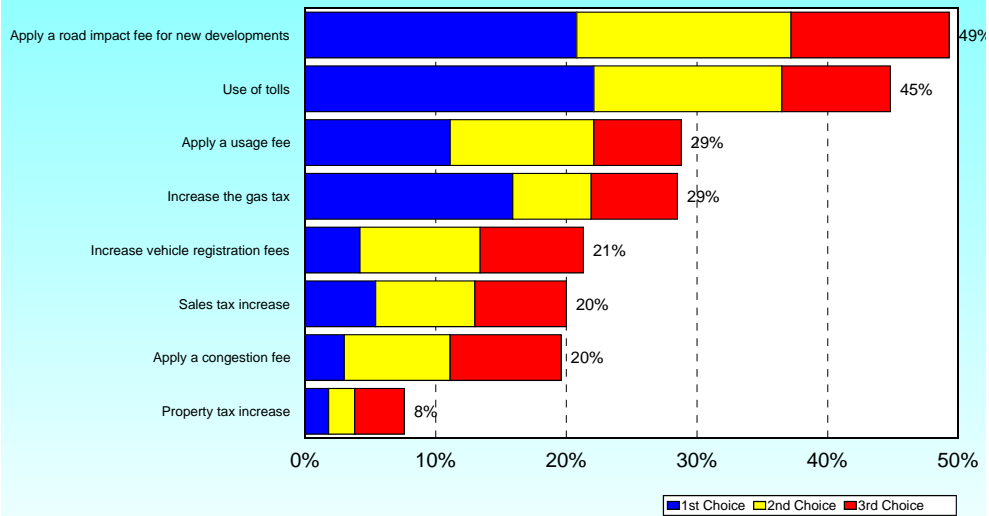
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q13. Which funding sources do you most support?

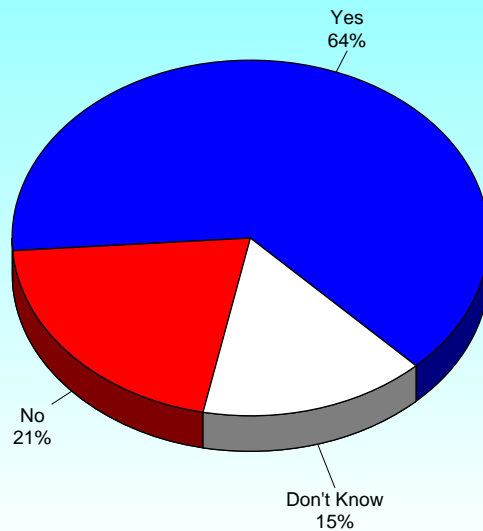
by percentage of respondents who made three choices (excluding don't knows)



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q14. Should more emphasis be placed on maintaining the existing transportation system than on expanding it?

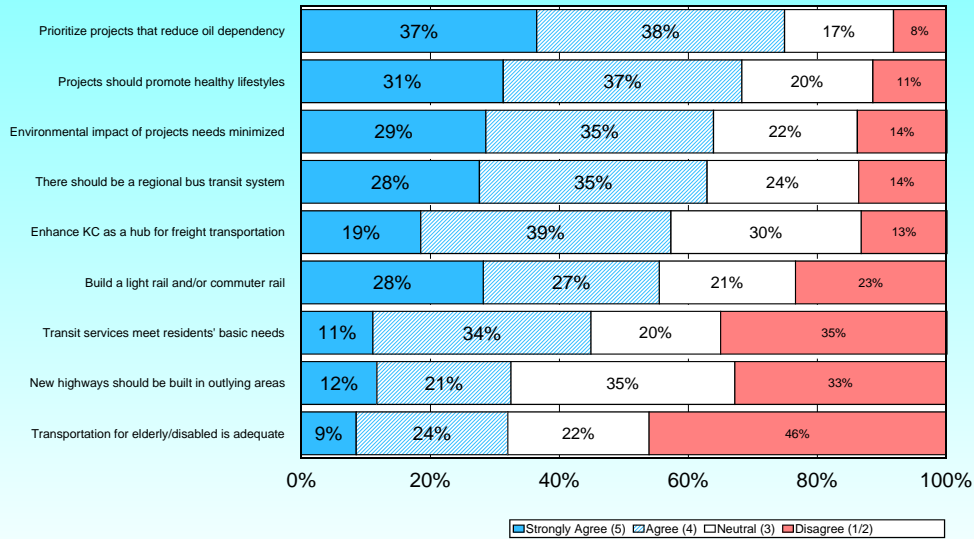
by percentage of respondents



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q15. Transportation Status

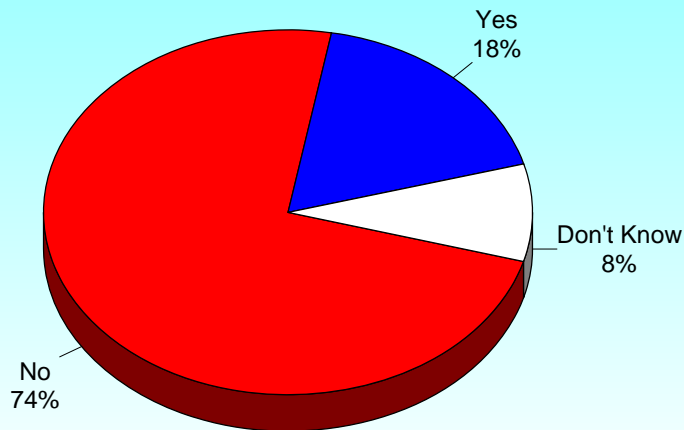
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

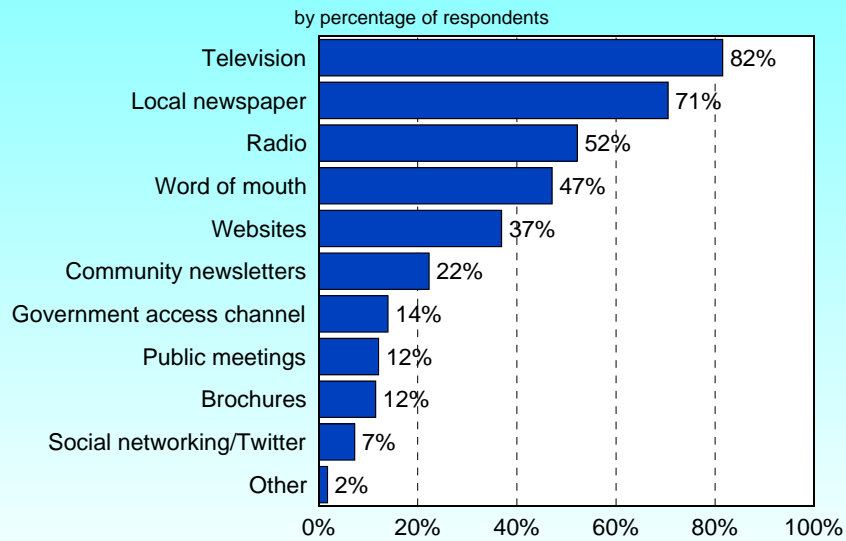
Q16. Does the movement of freight (trucks and trains) negatively affect your travel?

by percentage of persons in households



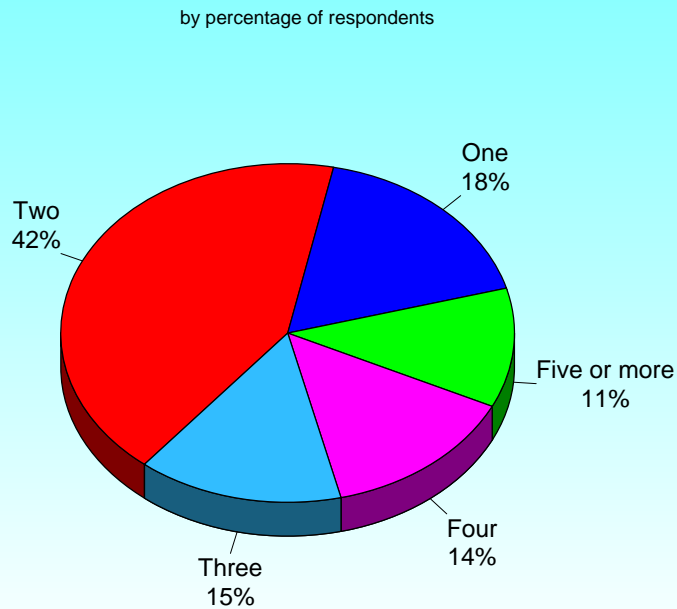
Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q17. Which sources do you receive news and information about the region?



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

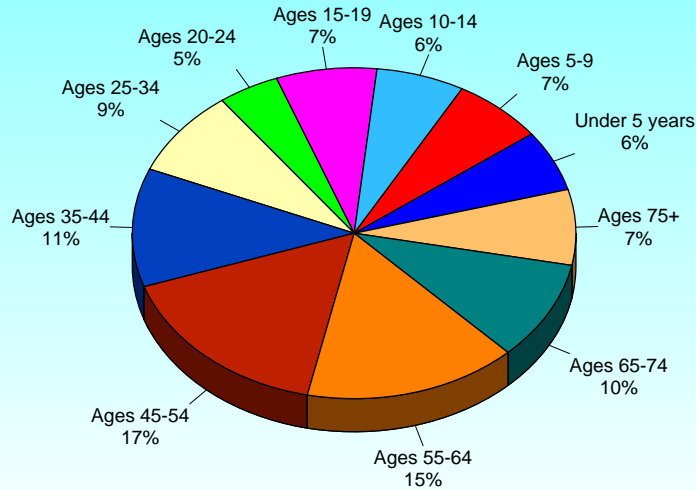
Q18. Demographics: Size of Household



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q19. Demographics: Ages of Household Occupants

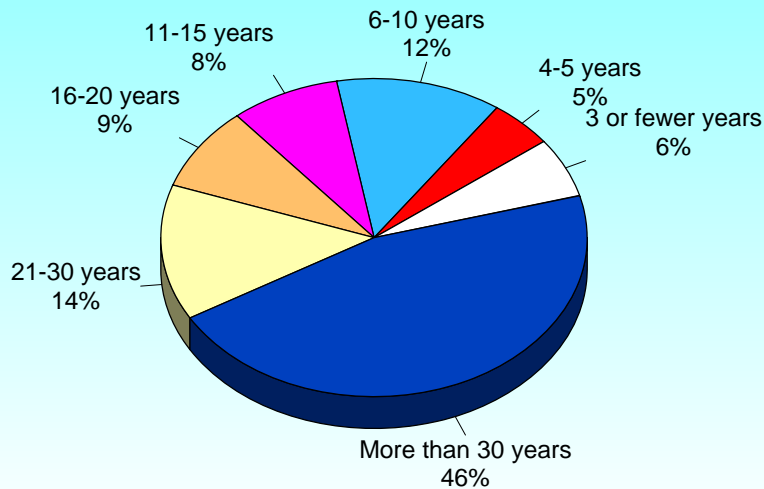
by percentage of persons in households



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q20. Demographics: How Many Years Have You Lived in the 5-County Area?

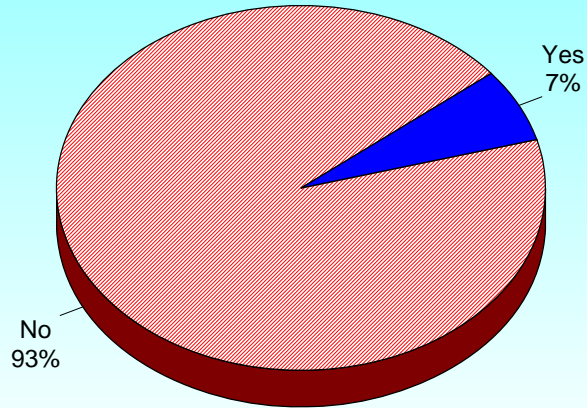
by percentage of persons in households



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q21. Demographics: Are You or Other Members of Your Household of Hispanic or Latino Ancestry?

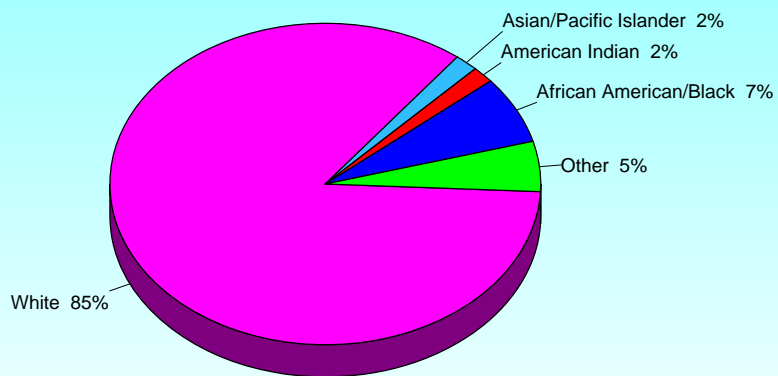
by percentage of persons in households



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q22. Demographics: Race/Ethnicity

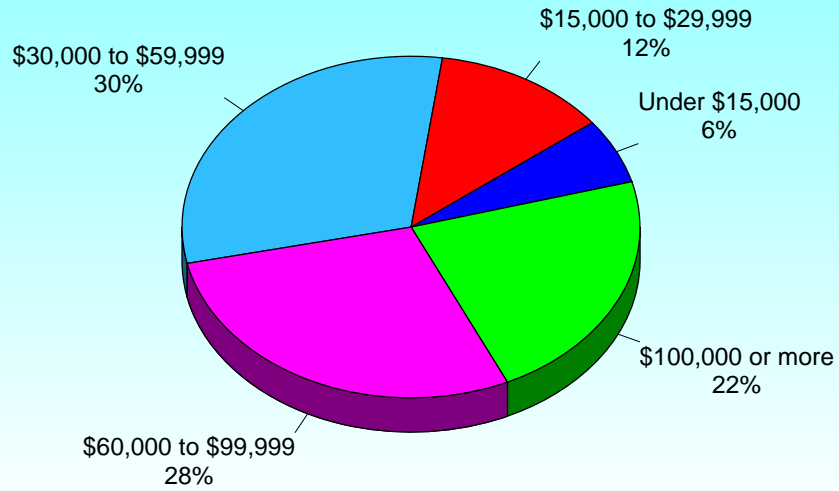
by percentage of persons in households



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q23. Demographics: Household Income

by percentage of persons in households



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Q24. Demographics: Respondents' Gender

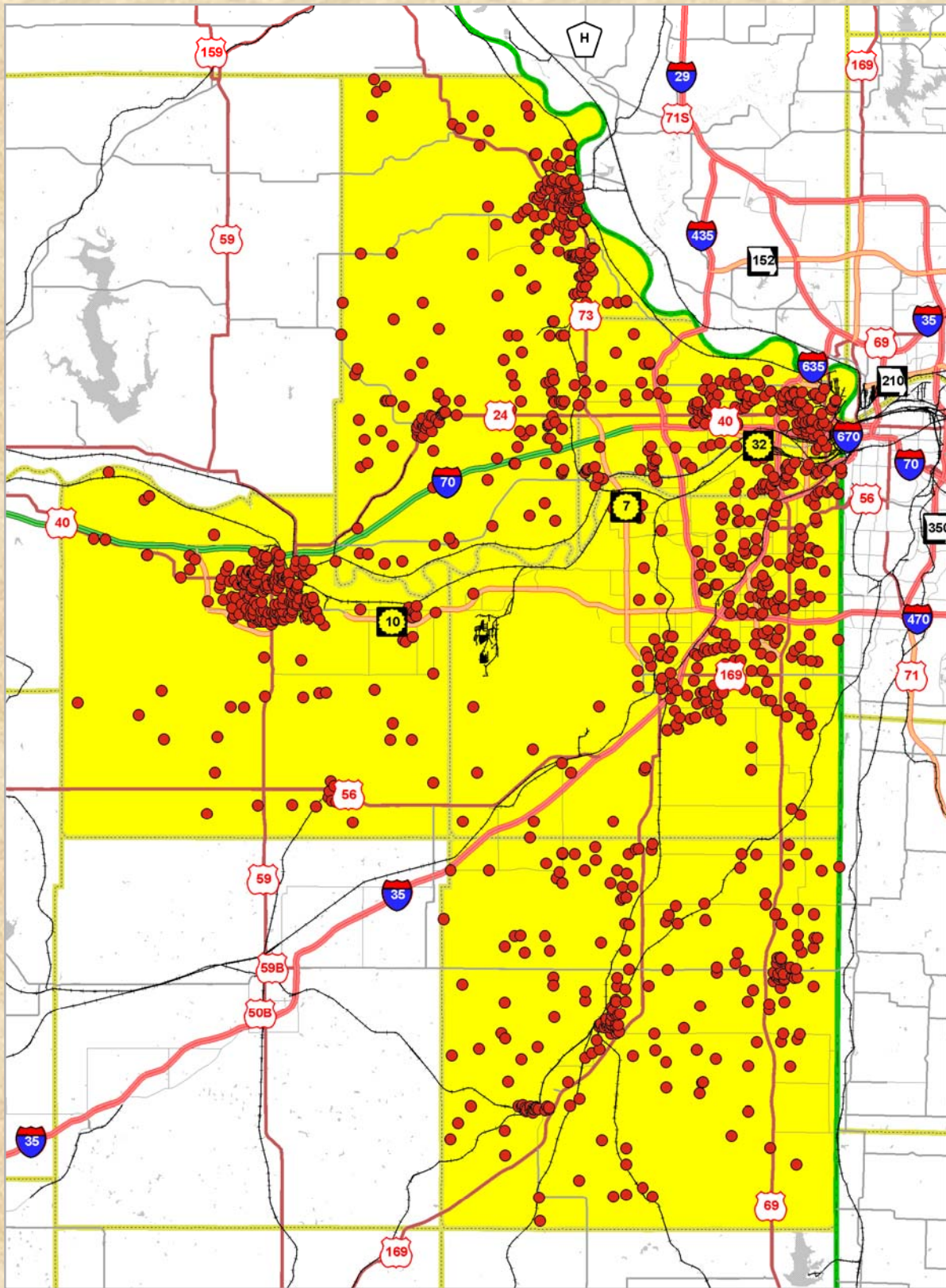
by percentage of persons in households



Source: ETC Institute 5-Count Regional Transportation Study (April, 2009)

Section 2:
GIS Mapping

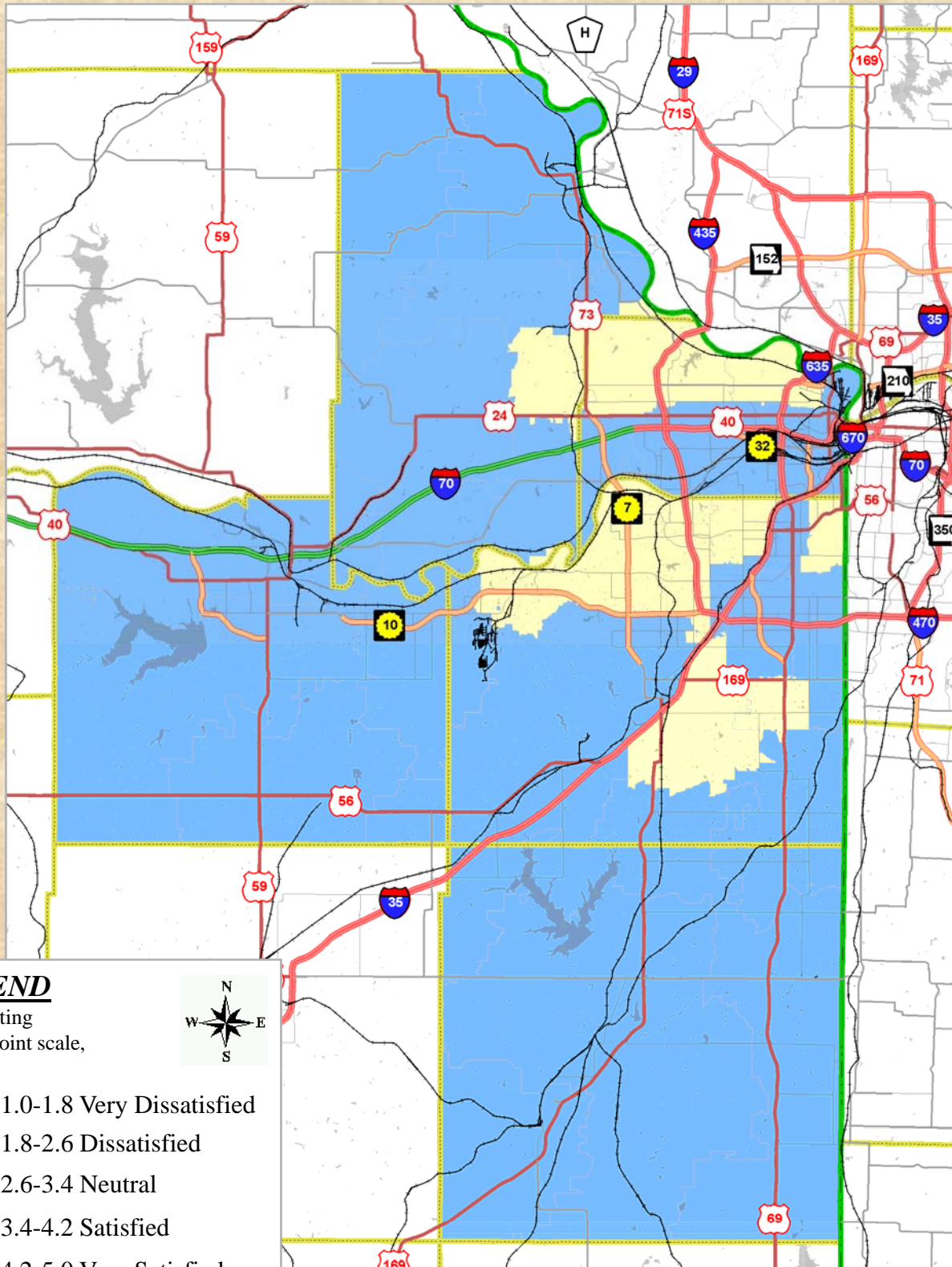
Location of Survey Respondents



5-County Regional Travel Survey

Perceptions of Current Transportation Issues

Q1a Flow of traffic on highways and major roads.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other



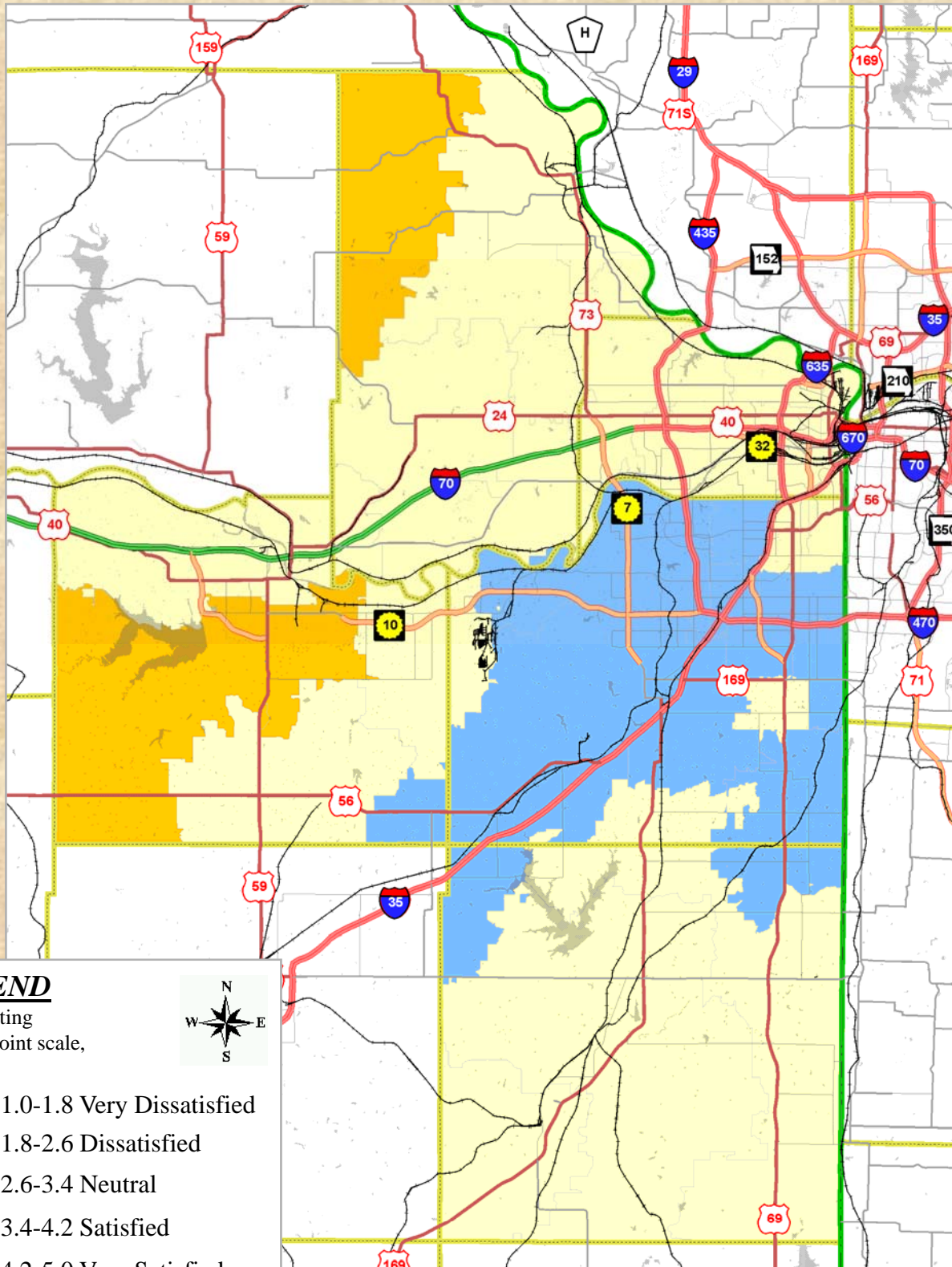
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q1b Maintenance of roads within cities and towns.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other

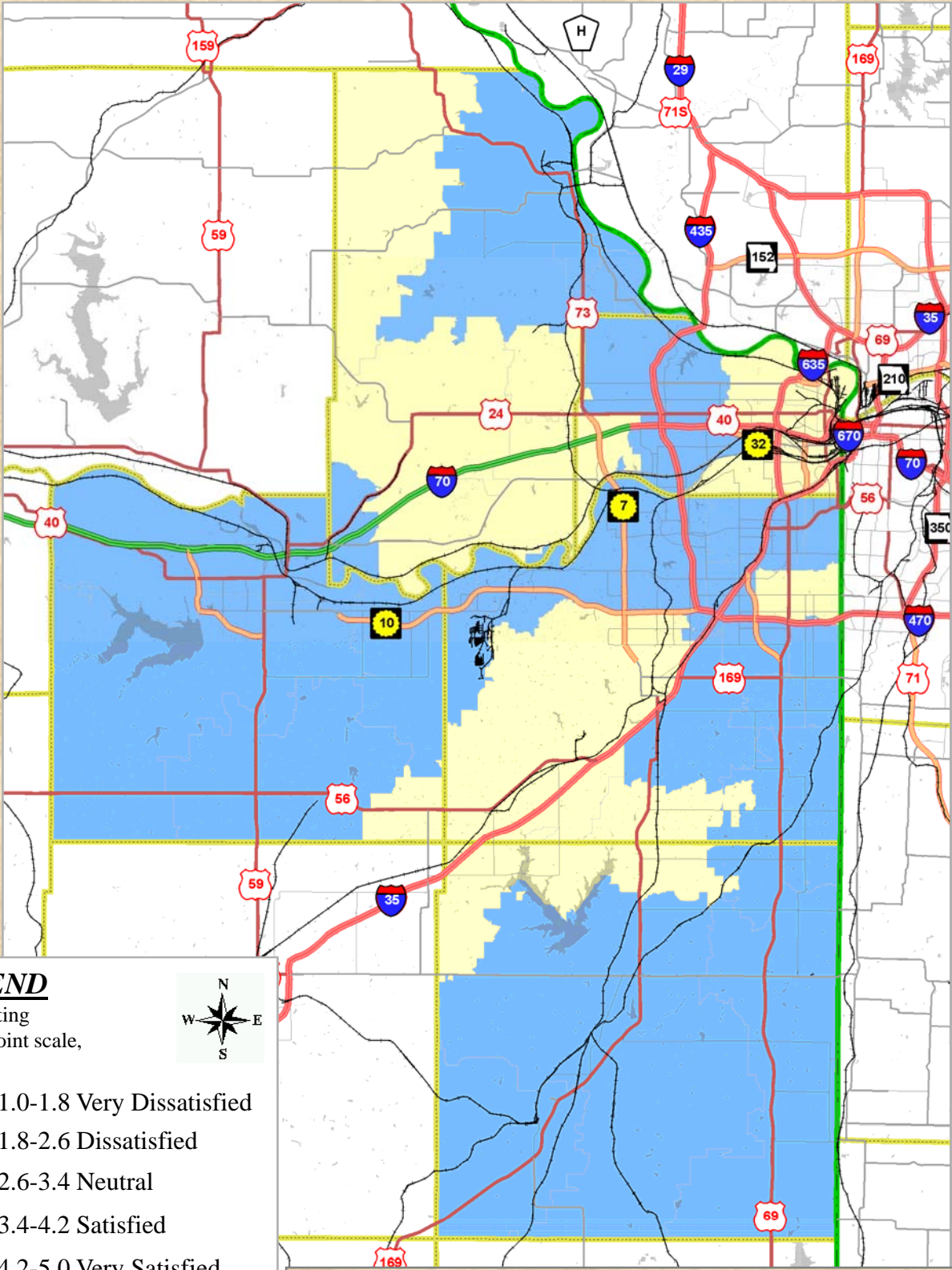
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q1c Maintenance of roads between cities and towns.



LEGEND

Mean rating
on a 5-point scale,
where:



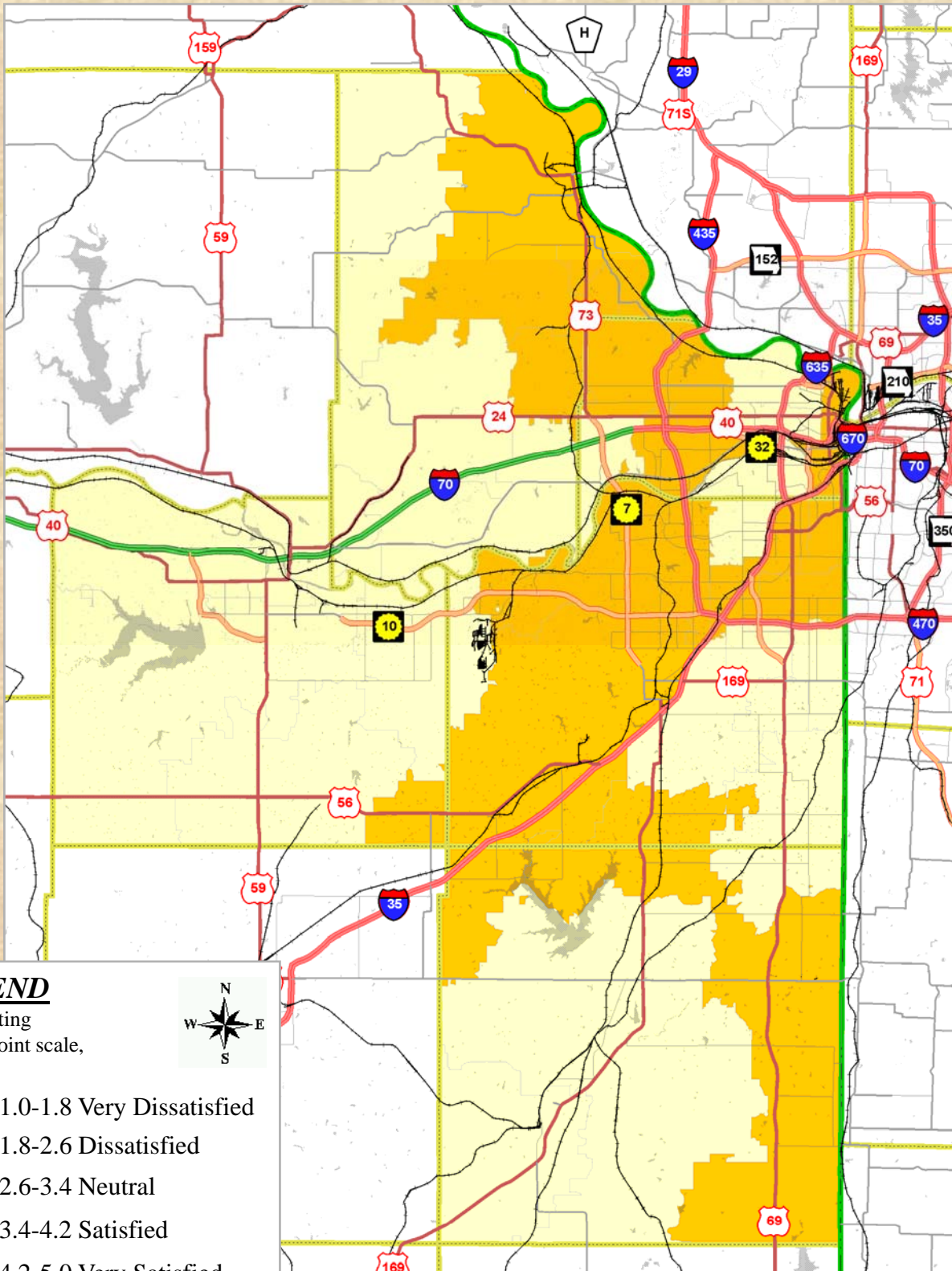
- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other

Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP ode
* Selected ZIP codes were merged as needed based on respondent distribution

Q1d Transit options within cities and towns.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other

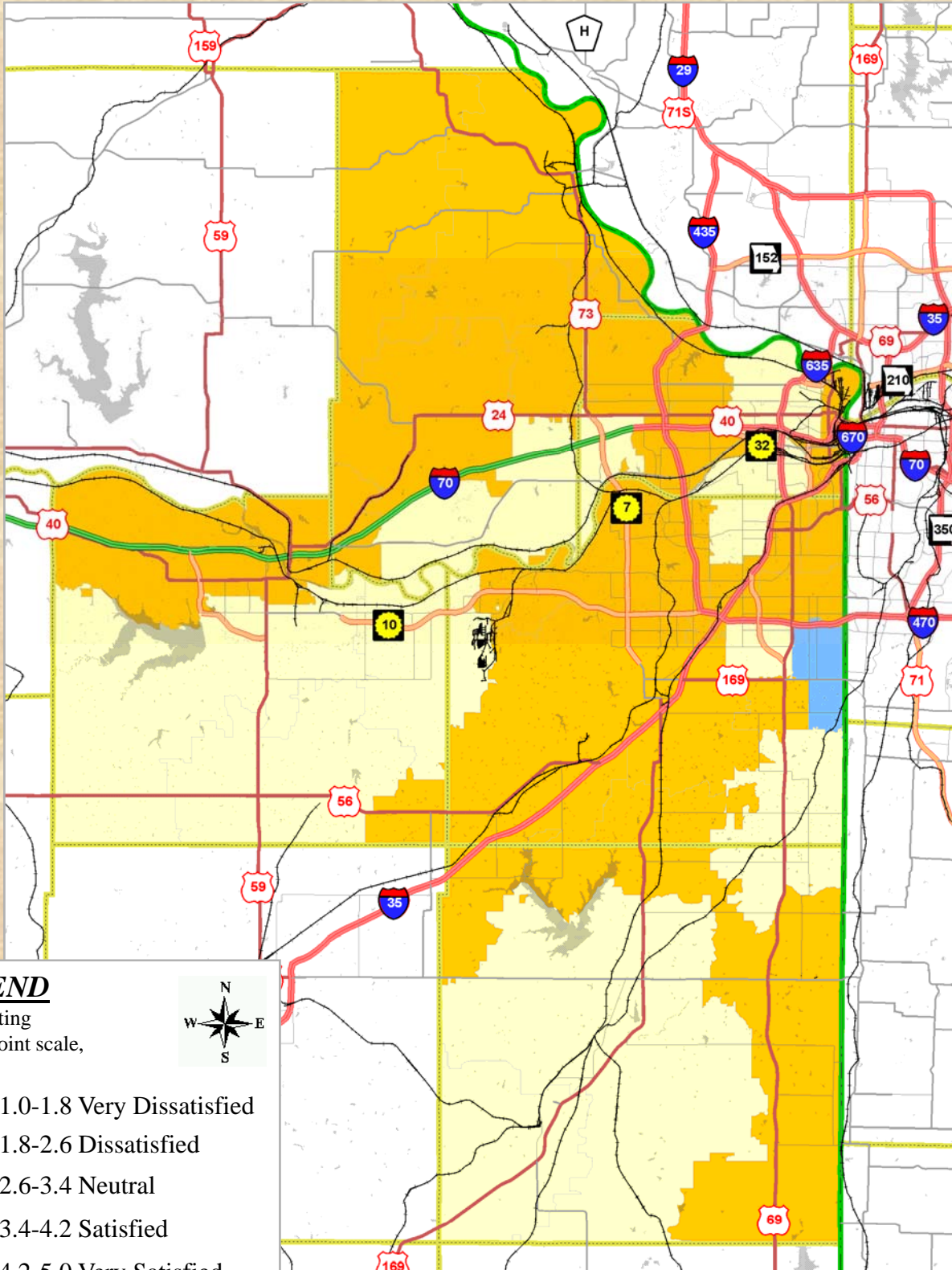
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q1e Transit options between cities and towns.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other



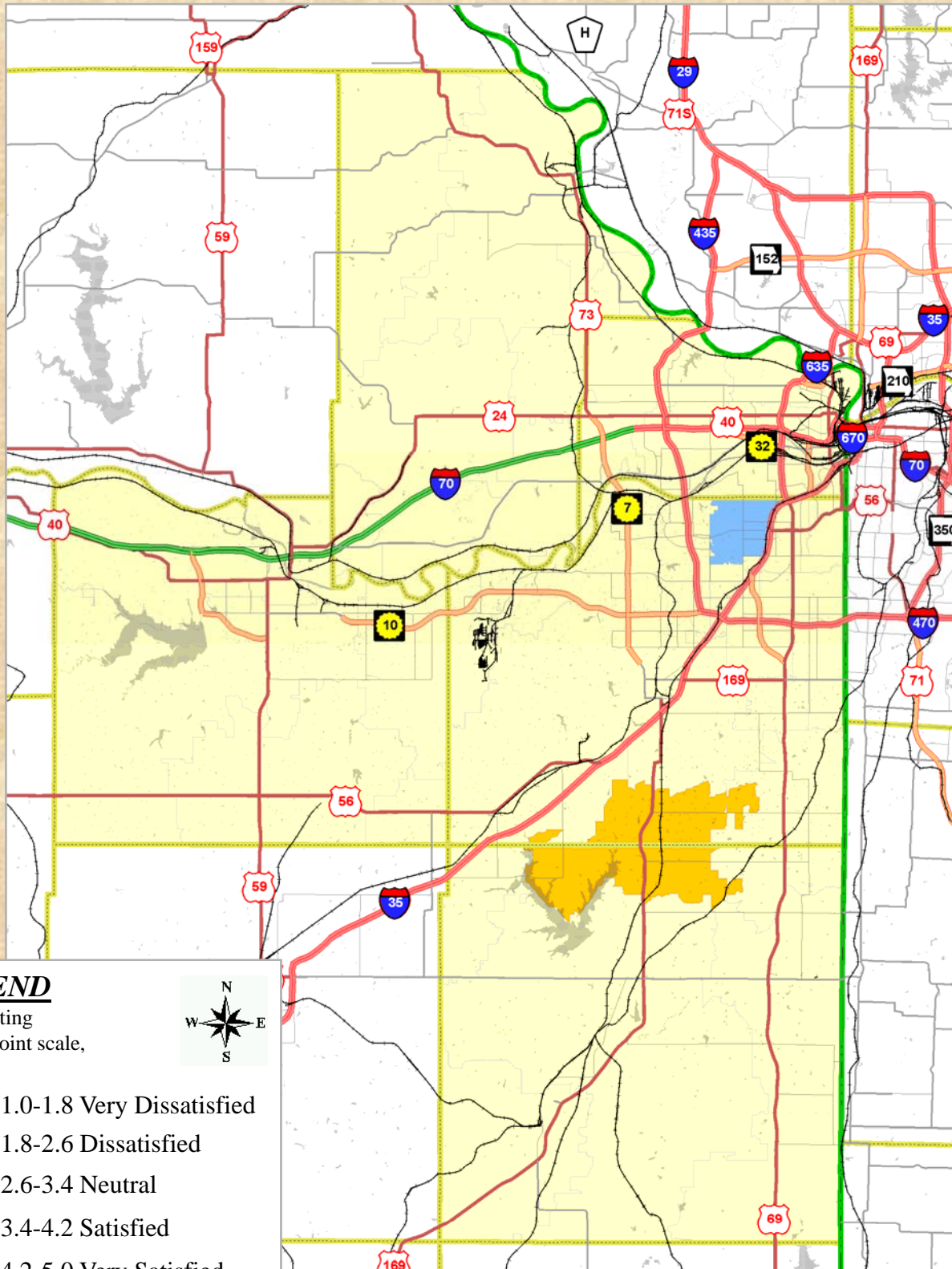
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q1f The amount of truck traffic.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other



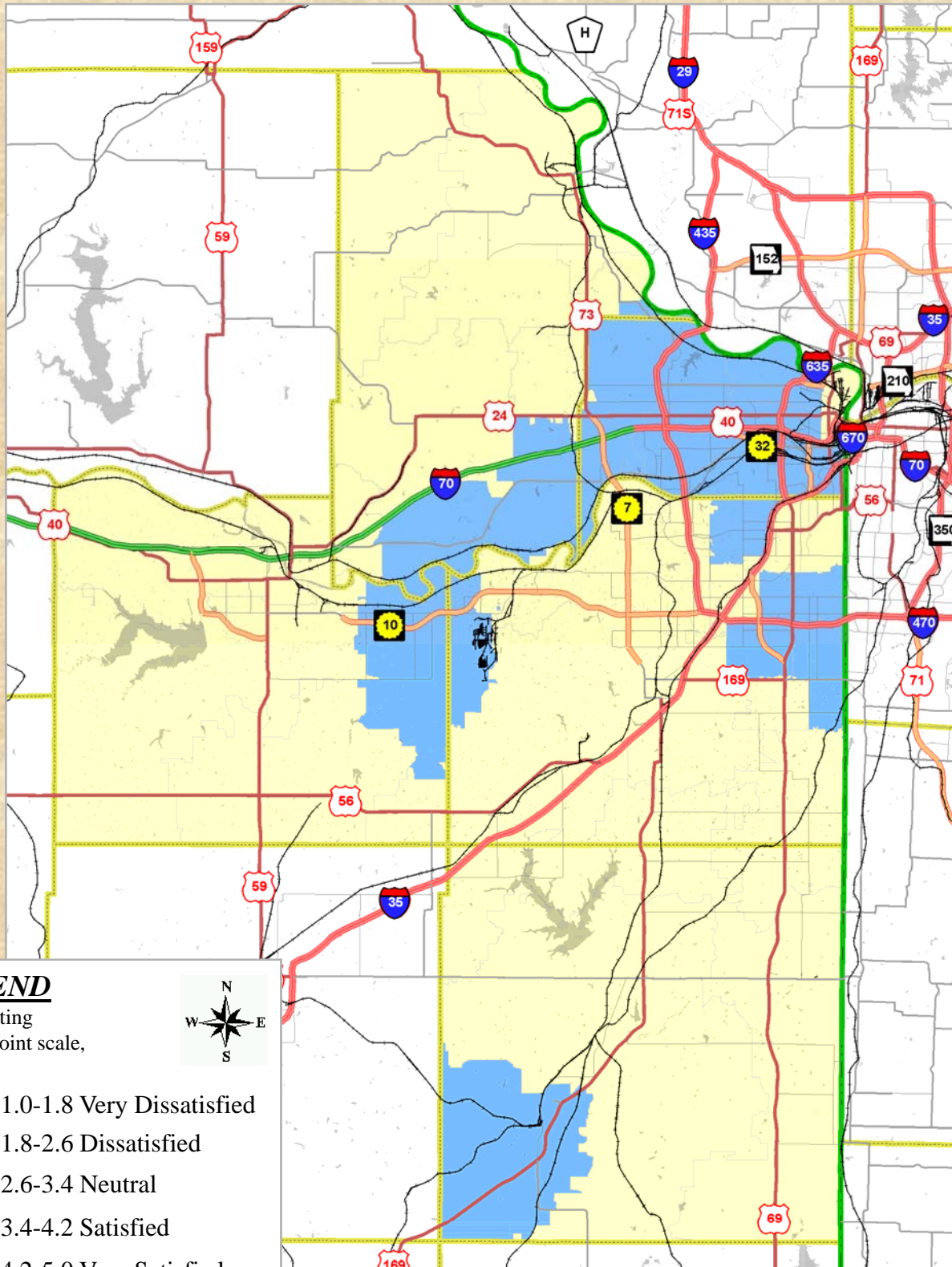
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q1g Effect transportation system has on your safety.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other

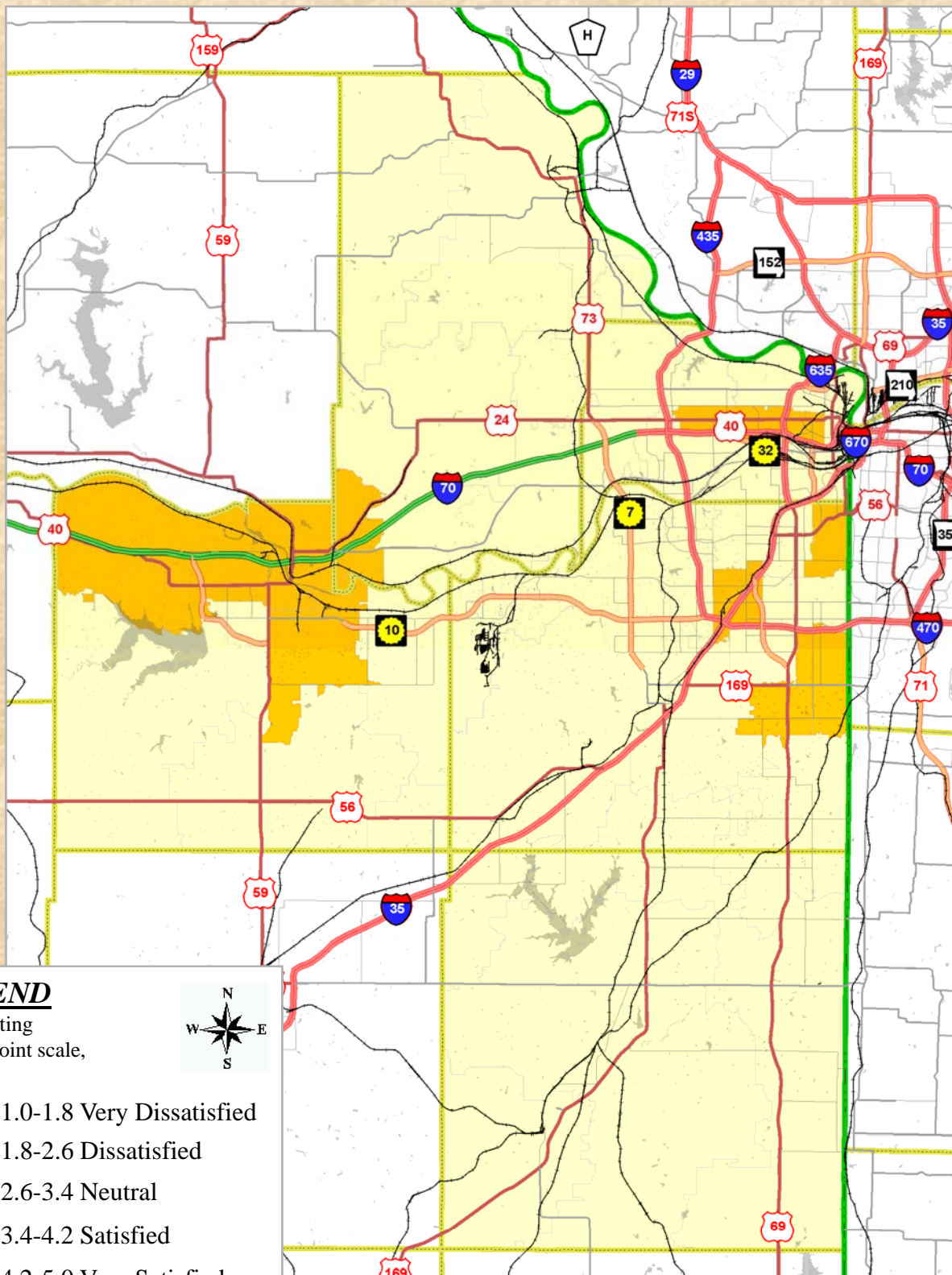
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q1h Effect of traffic congestion on environment.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other

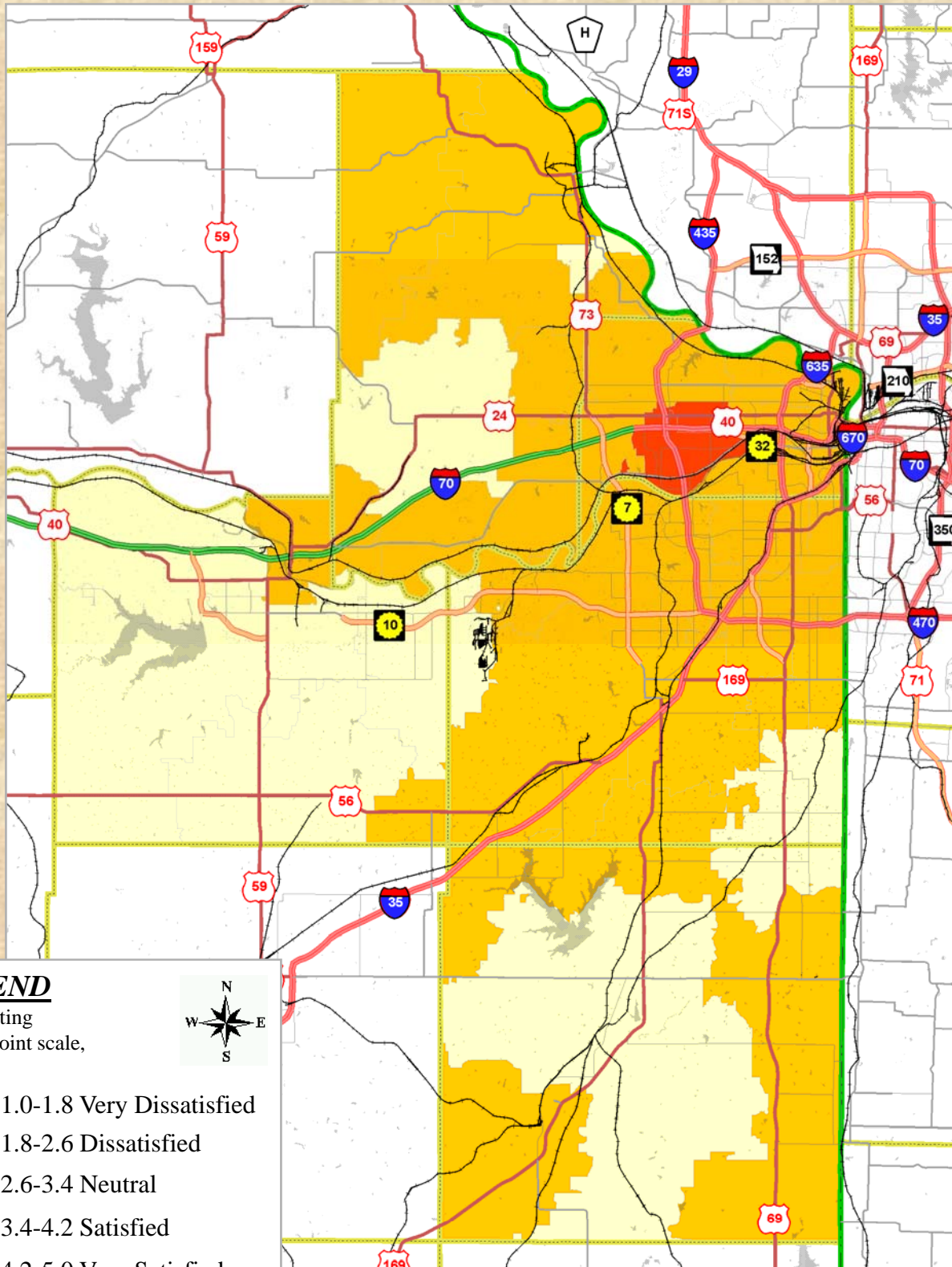
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q1i Availability of bicycle lanes and facilities.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Very Dissatisfied
- 1.8-2.6 Dissatisfied
- 2.6-3.4 Neutral
- 3.4-4.2 Satisfied
- 4.2-5.0 Very Satisfied
- Other

Note: "Other" areas did not contain any responses

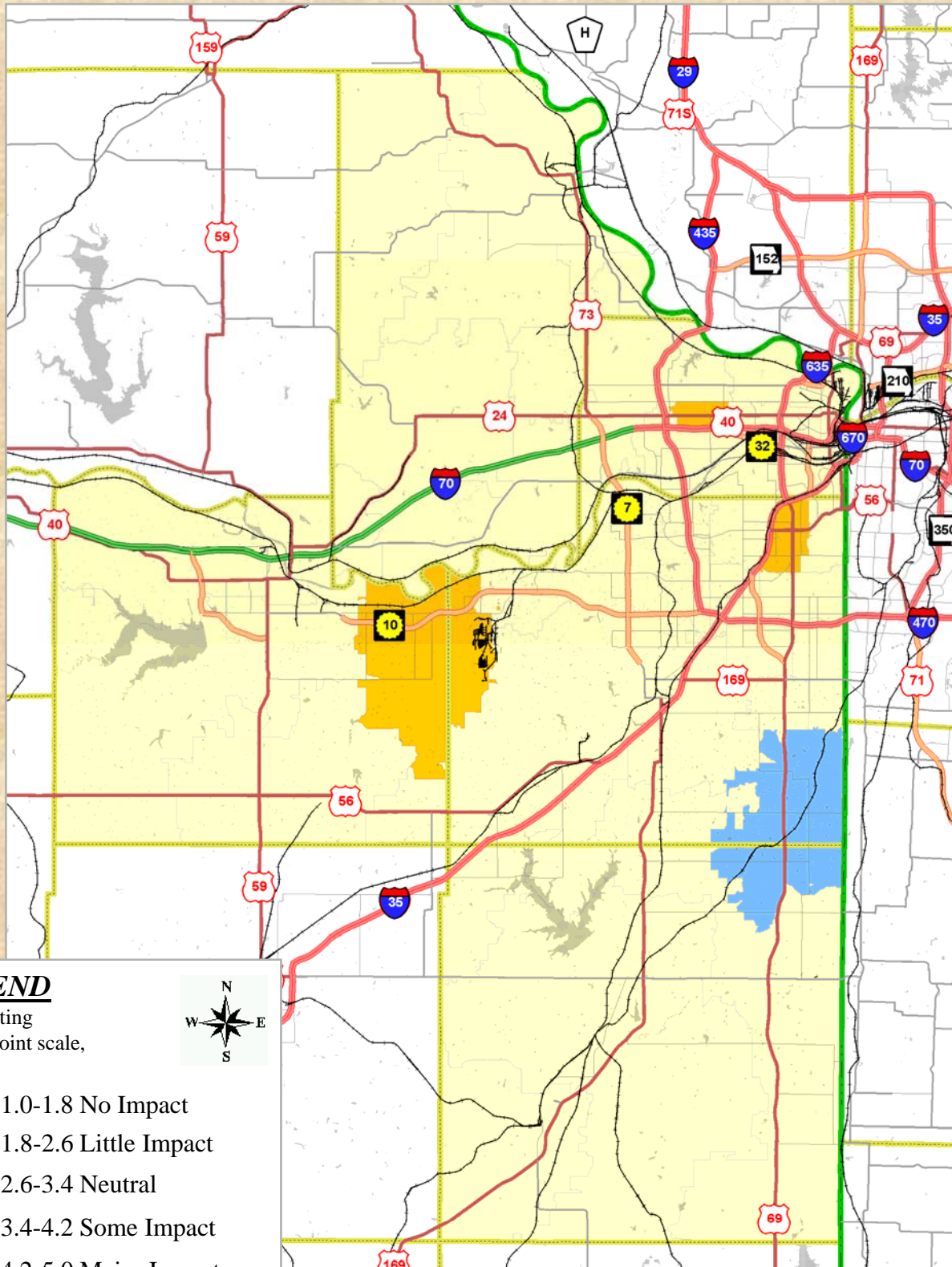
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Contributors to Traffic Congestion

Q9a Too much truck traffic.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 No Impact
- 1.8-2.6 Little Impact
- 2.6-3.4 Neutral
- 3.4-4.2 Some Impact
- 4.2-5.0 Major Impact
- Other

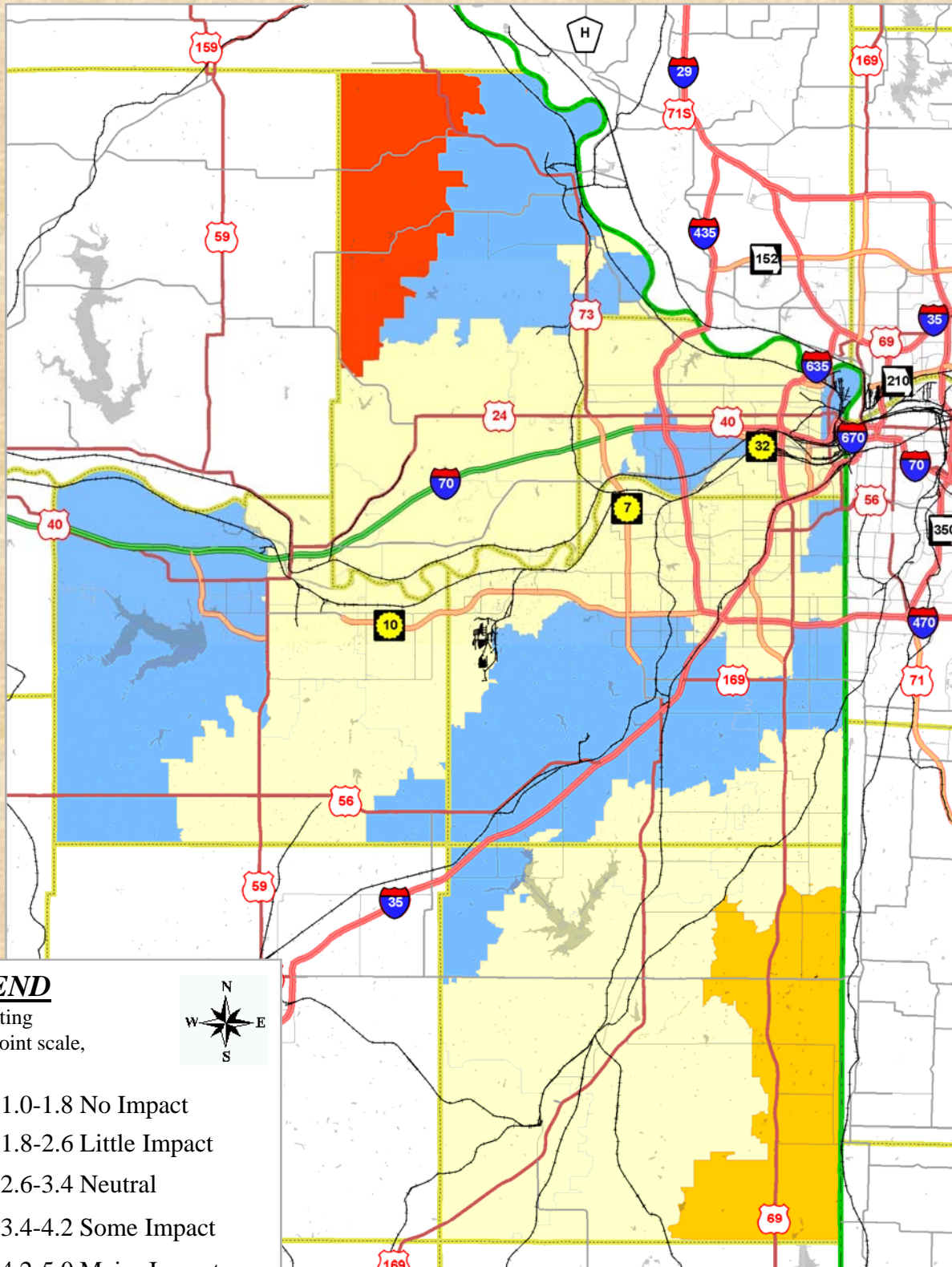
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q9b Poor timing of traffic lights.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 No Impact
- 1.8-2.6 Little Impact
- 2.6-3.4 Neutral
- 3.4-4.2 Some Impact
- 4.2-5.0 Major Impact
- Other



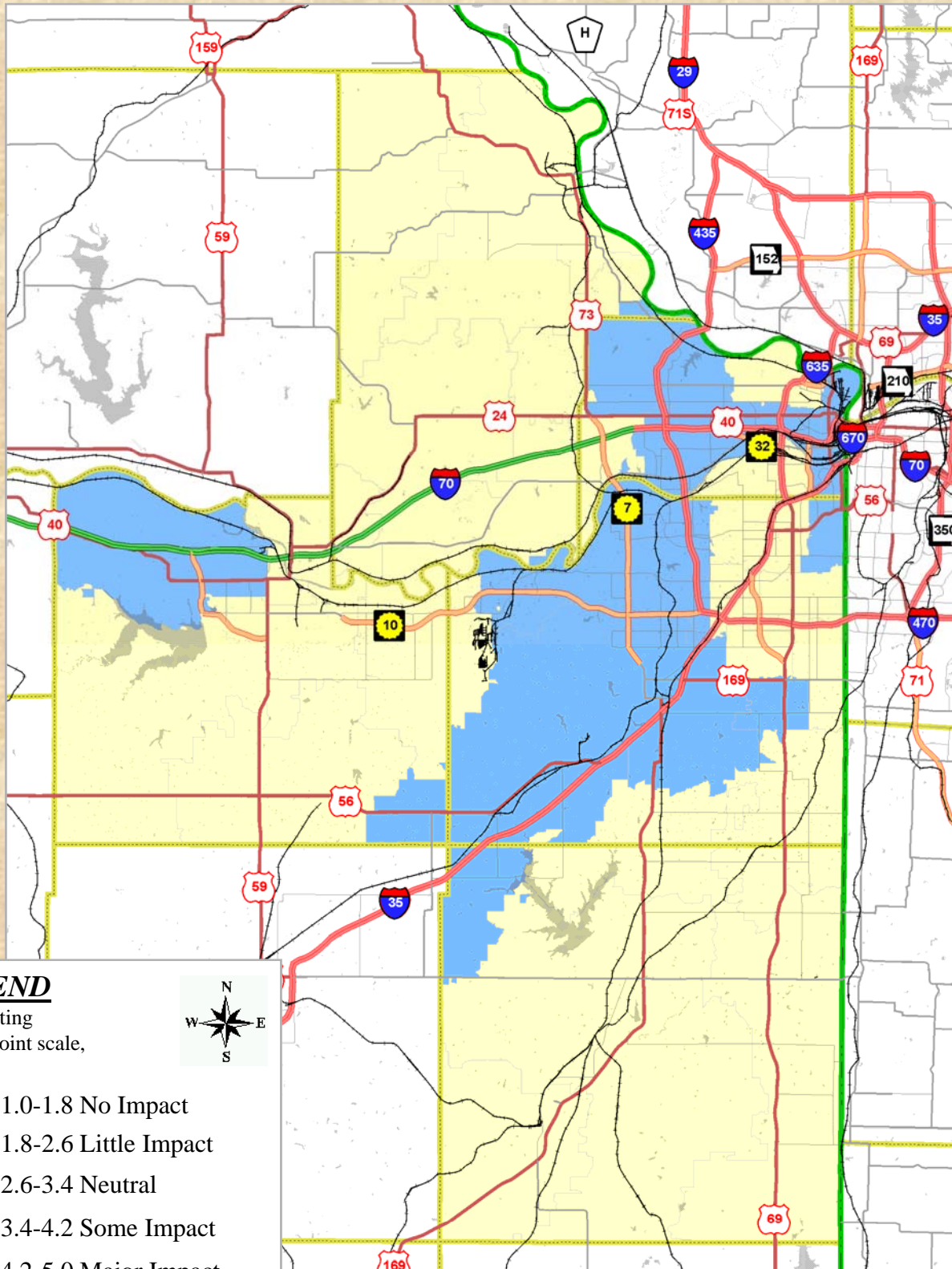
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q9c Lack of alternatives to driving.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 No Impact
- 1.8-2.6 Little Impact
- 2.6-3.4 Neutral
- 3.4-4.2 Some Impact
- 4.2-5.0 Major Impact
- Other

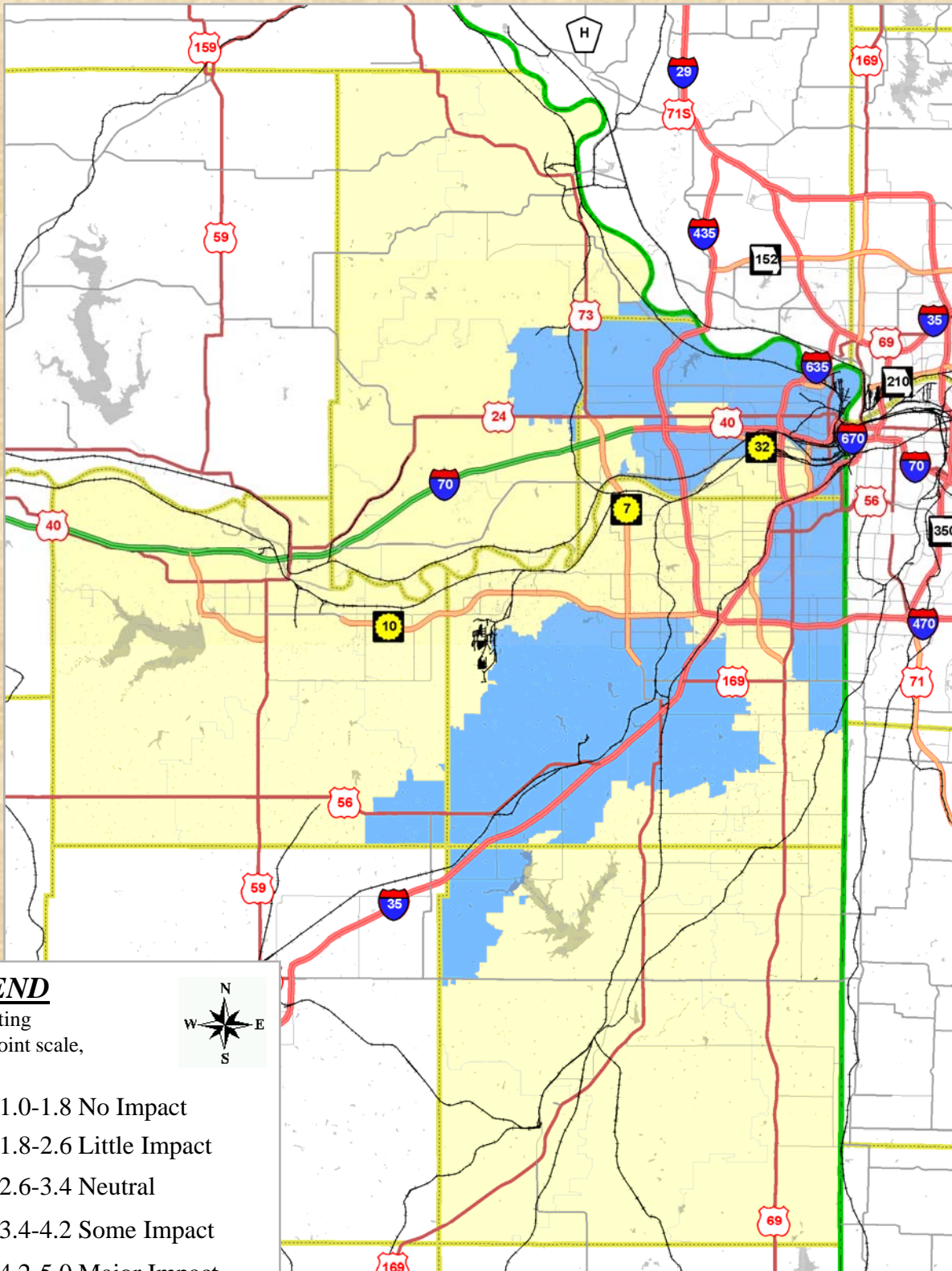
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code







* Selected ZIP codes were merged as needed based on respondent distribution

Q9d Road construction.



LEGEND

Mean rating
on a 5-point scale,
where:

-  1.0-1.8 No Impact
-  1.8-2.6 Little Impact
-  2.6-3.4 Neutral
-  3.4-4.2 Some Impact
-  4.2-5.0 Major Impact
-  Other



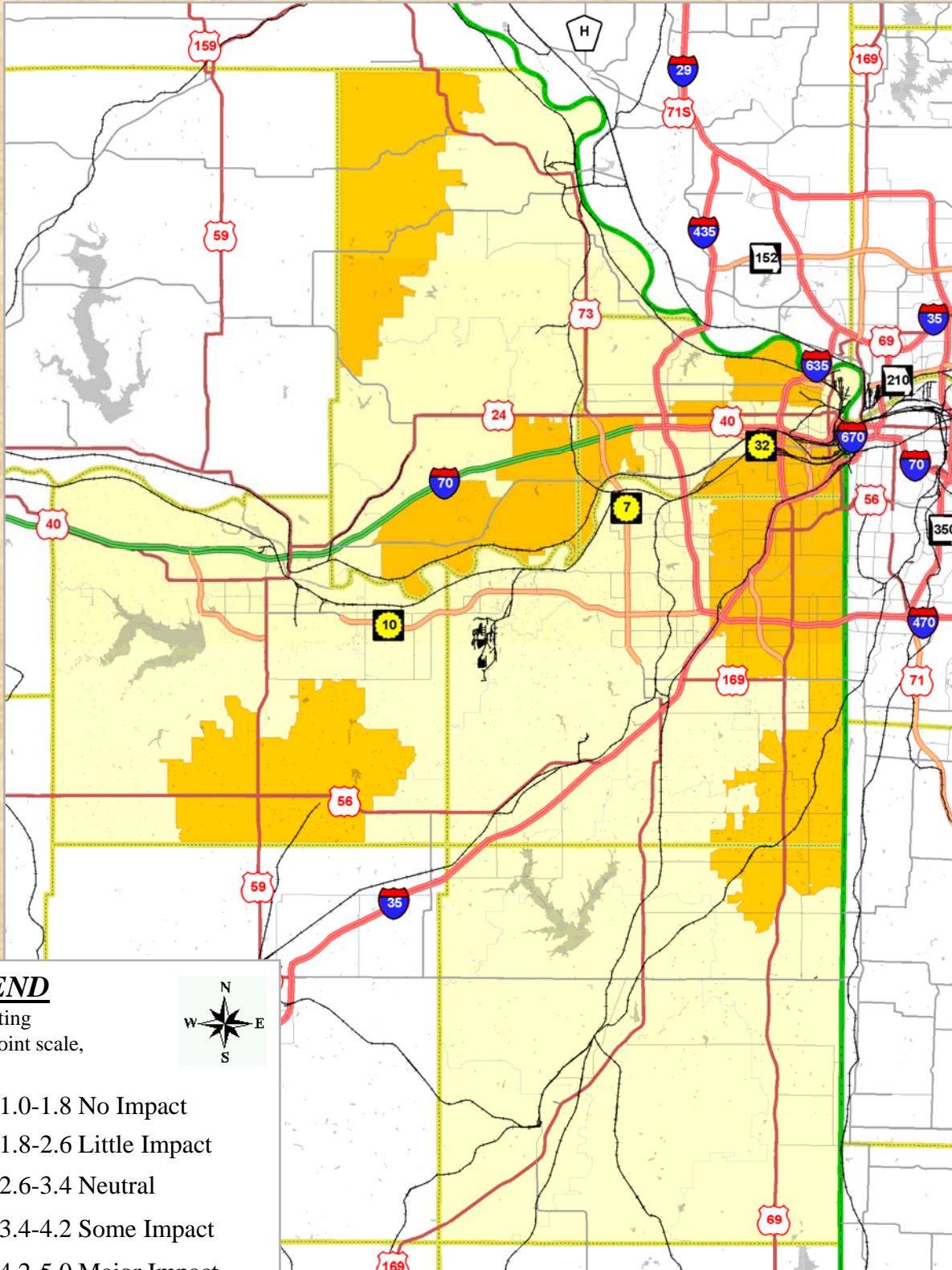
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q9e Not enough roads to serve developing area.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 No Impact
- 1.8-2.6 Little Impact
- 2.6-3.4 Neutral
- 3.4-4.2 Some Impact
- 4.2-5.0 Major Impact
- Other

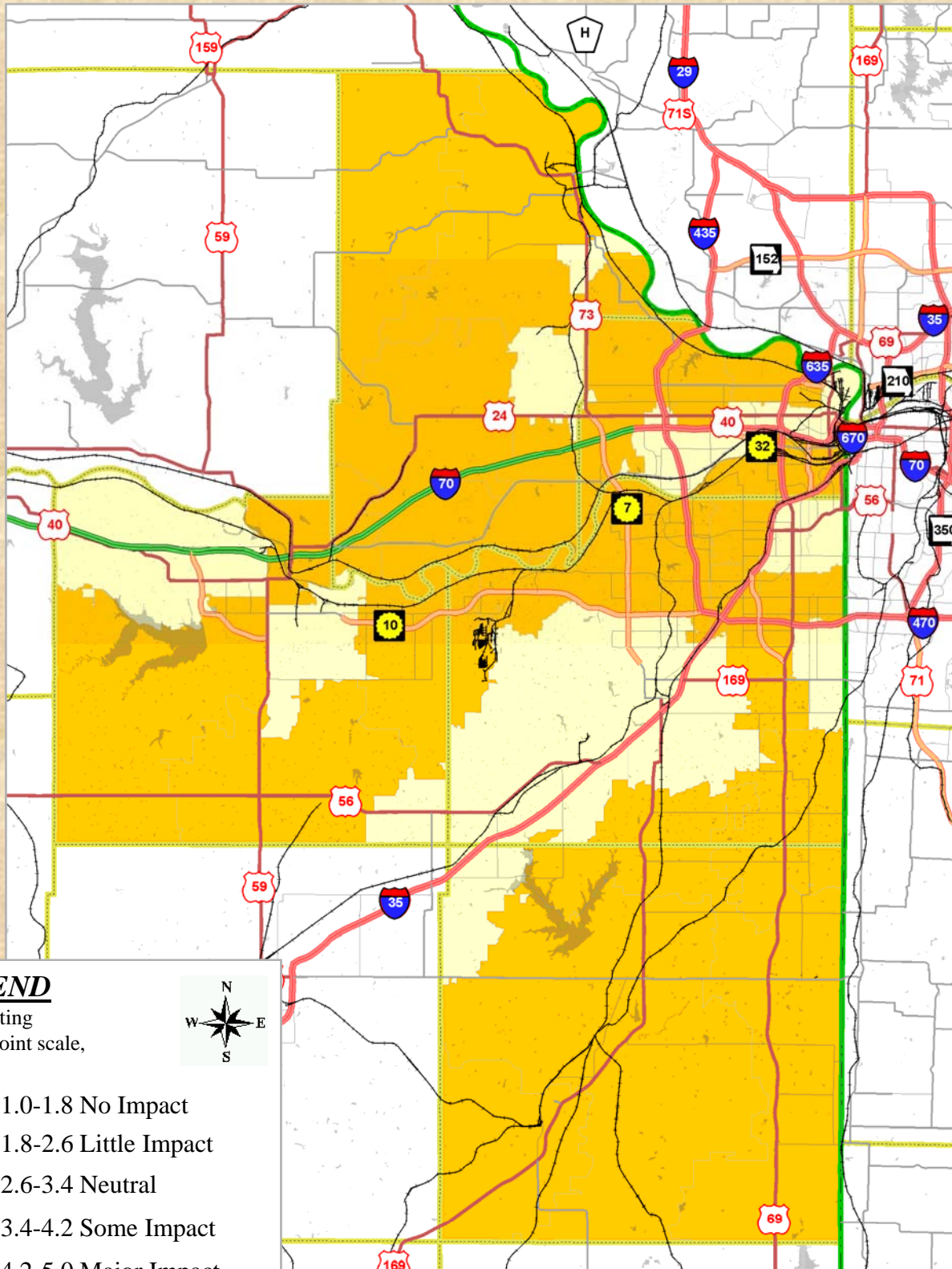
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q9f Not enough north/south roads.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 No Impact
- 1.8-2.6 Little Impact
- 2.6-3.4 Neutral
- 3.4-4.2 Some Impact
- 4.2-5.0 Major Impact
- Other

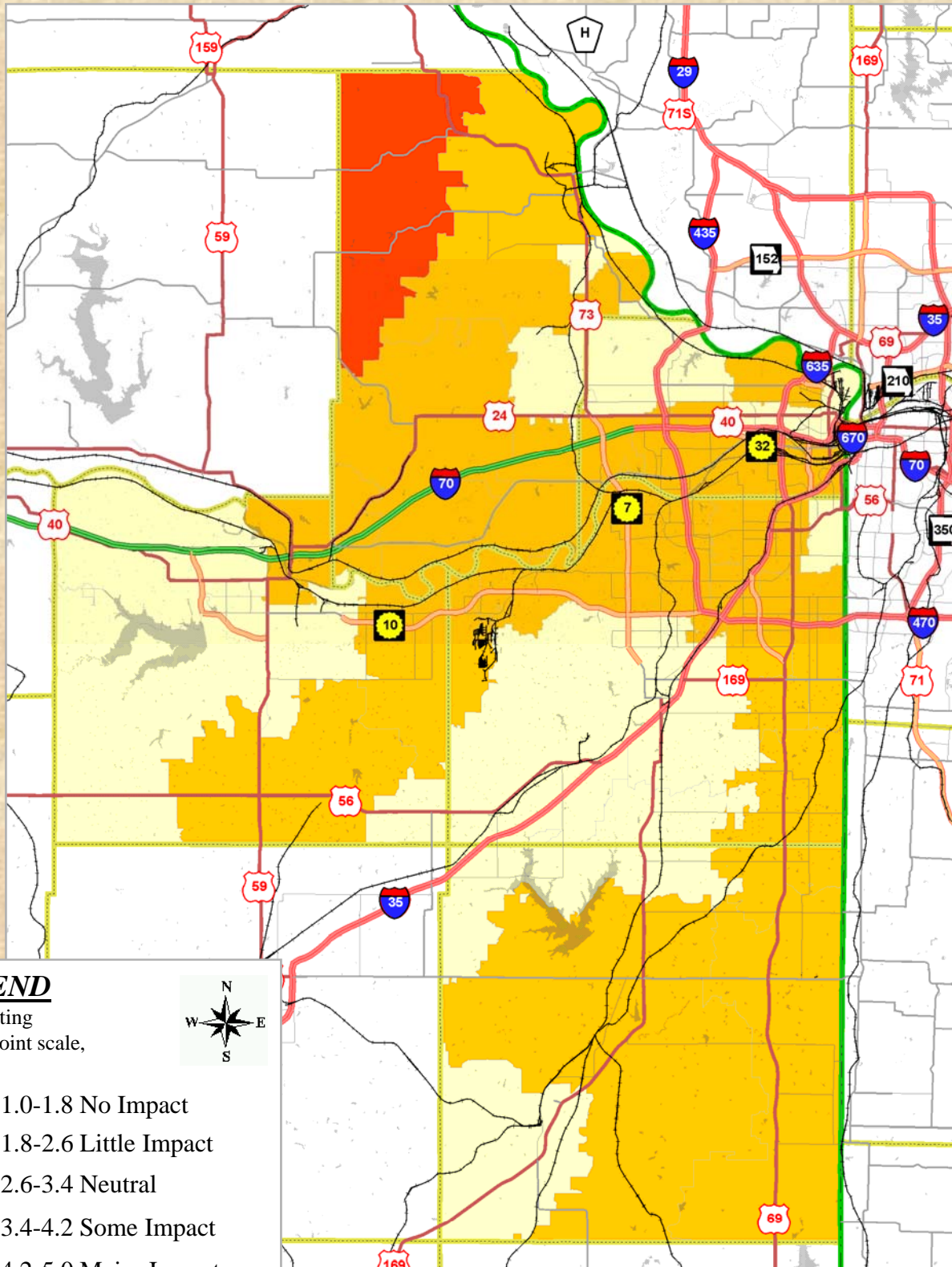
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q9g Not enough east/west roads.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 No Impact
- 1.8-2.6 Little Impact
- 2.6-3.4 Neutral
- 3.4-4.2 Some Impact
- 4.2-5.0 Major Impact
- Other

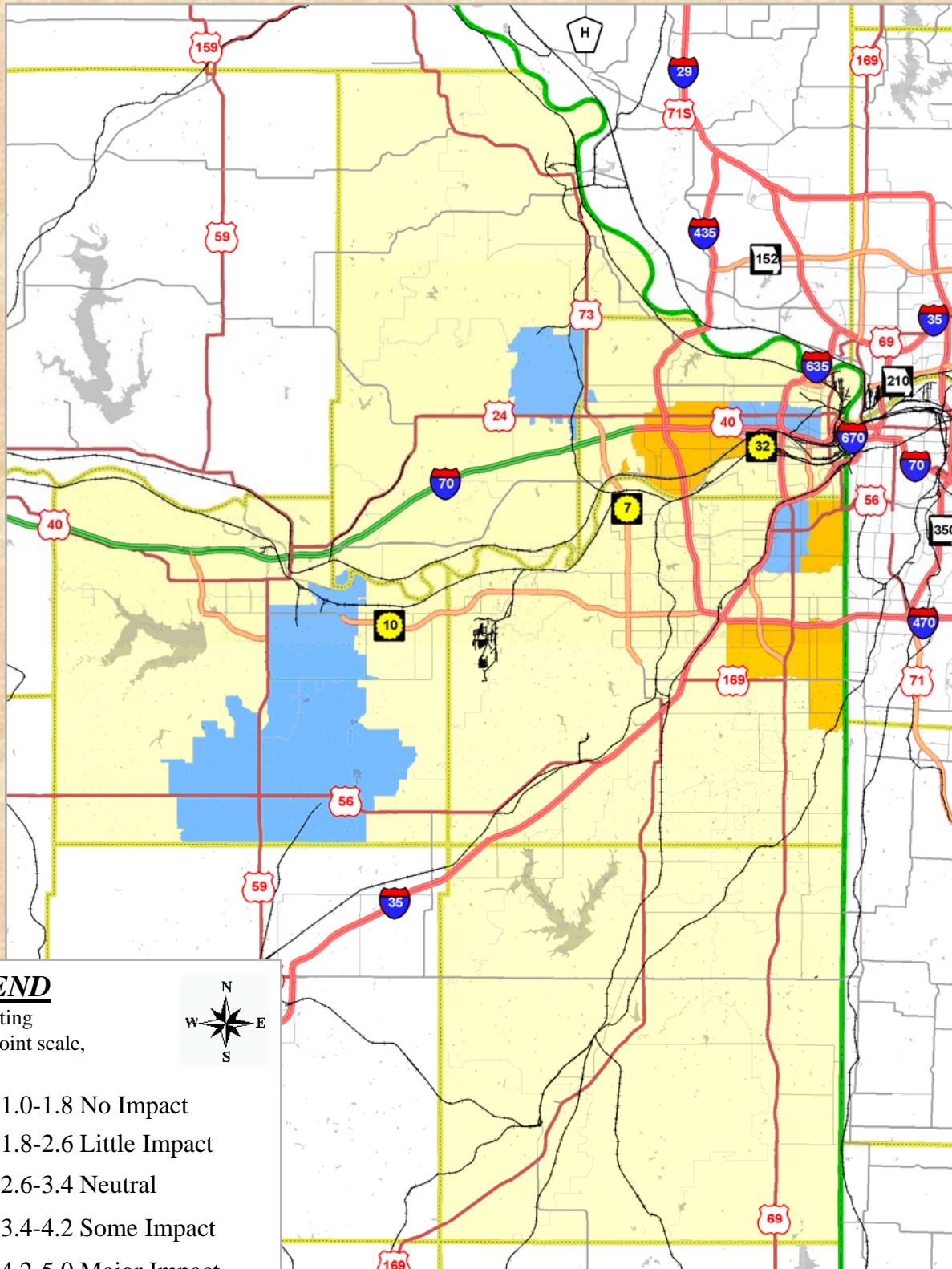
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q9h Poorly planned development.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 No Impact
- 1.8-2.6 Little Impact
- 2.6-3.4 Neutral
- 3.4-4.2 Some Impact
- 4.2-5.0 Major Impact
- Other

Note: "Other" areas did not contain any responses

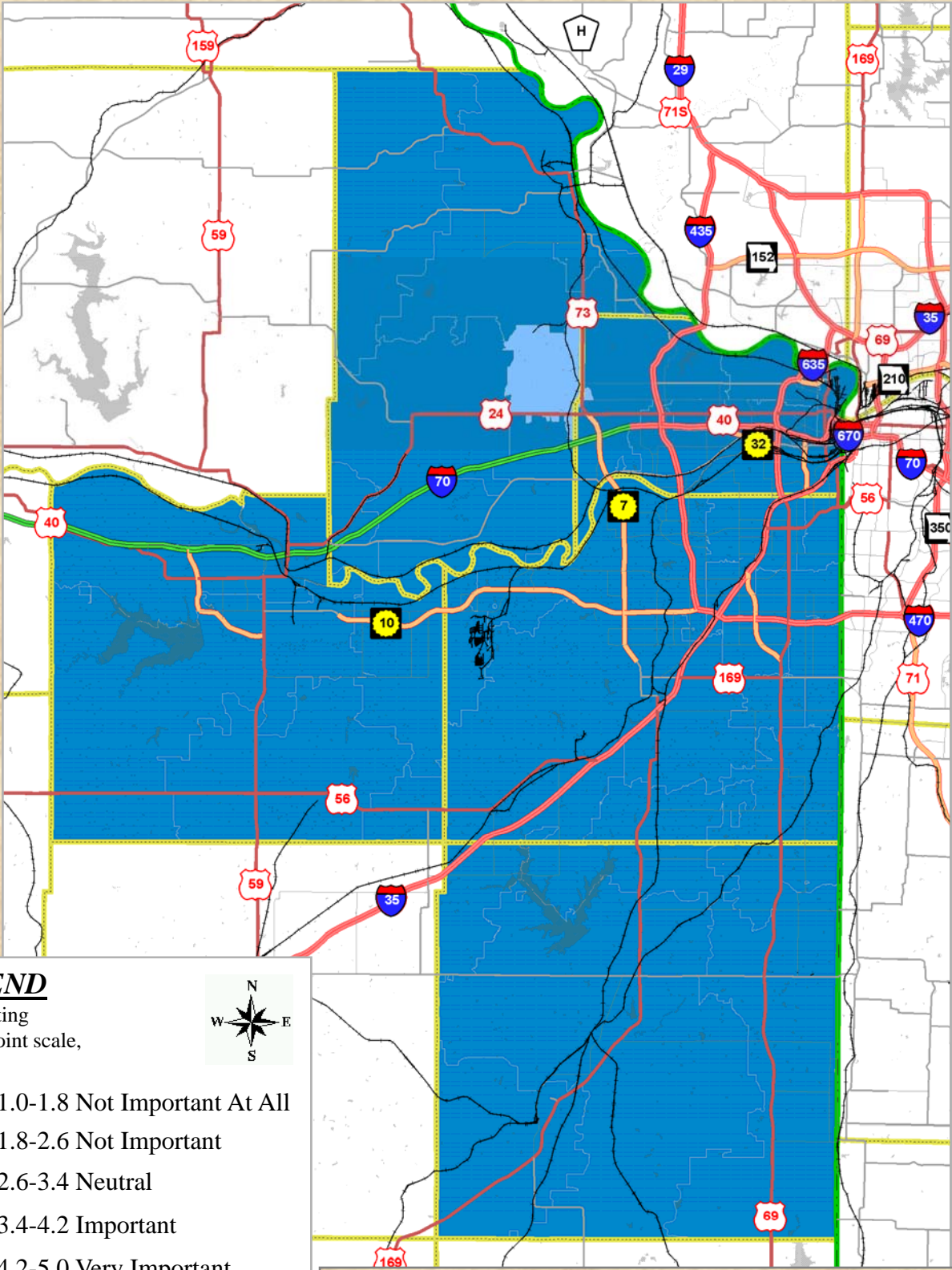
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Importance of Various
Issues to Transportation
Improvements

Q11a The protection of water quality.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other



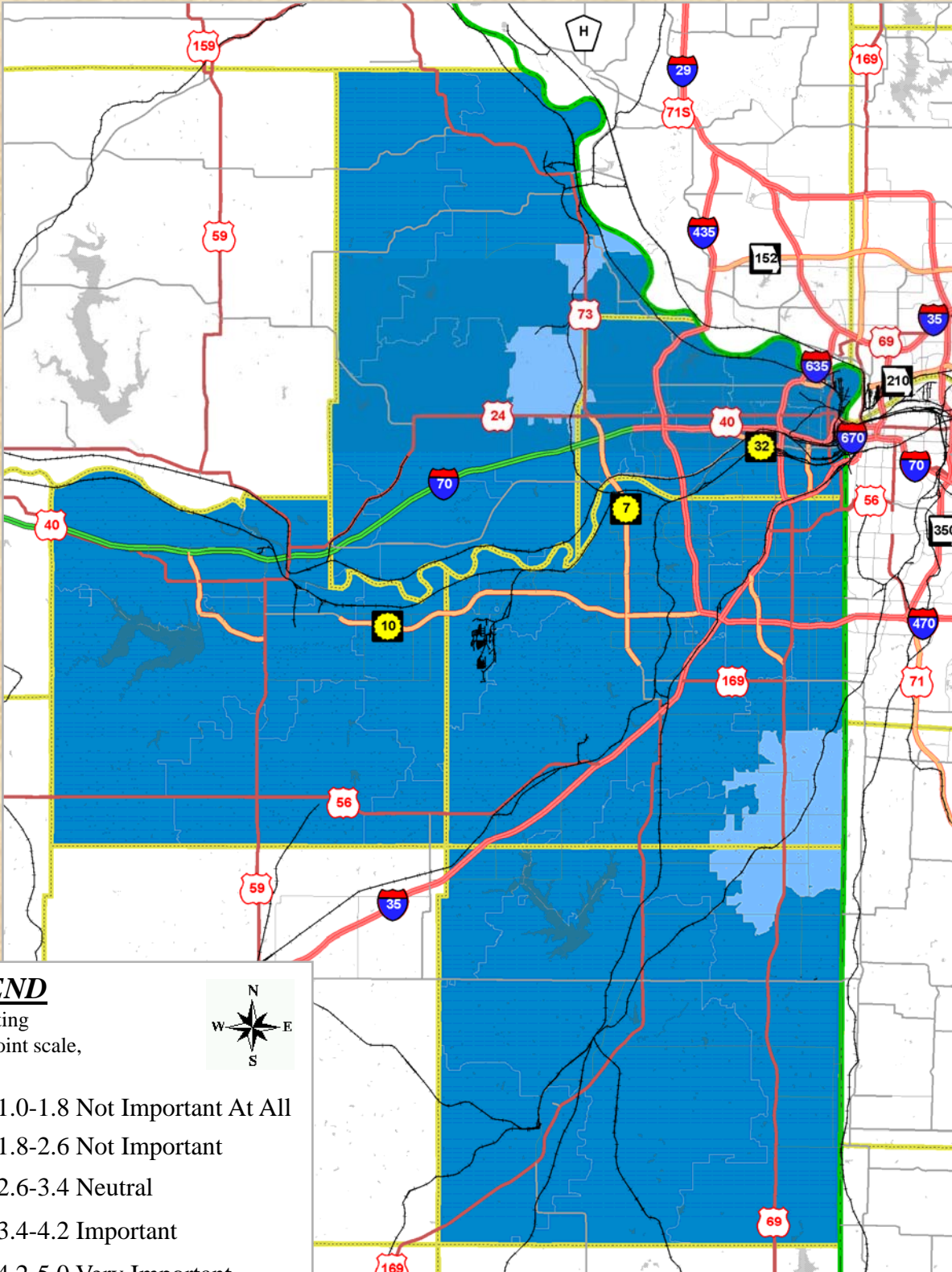
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11b The protection of air quality.



LEGEND

Mean rating on a 5-point scale, where:



- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other

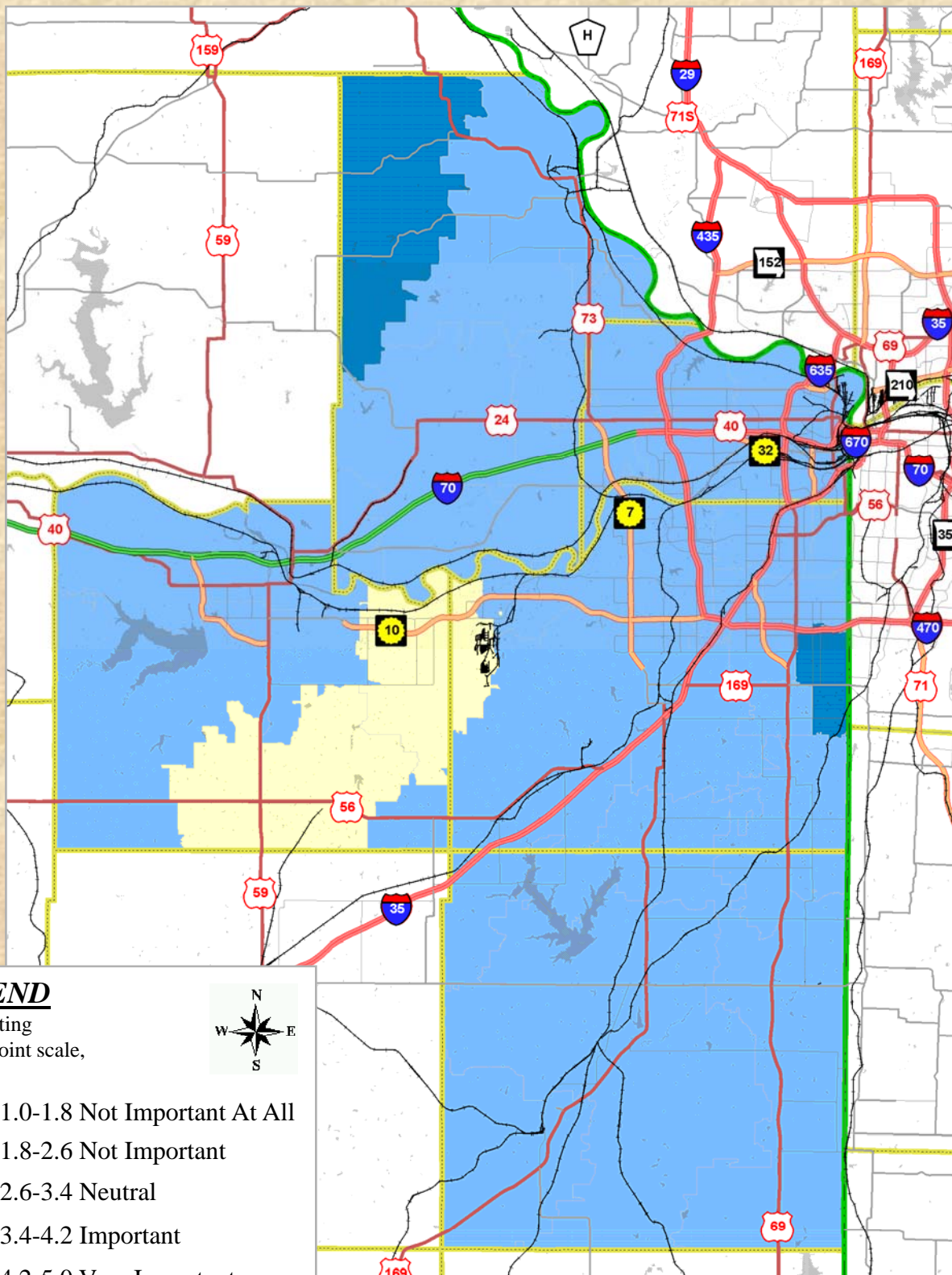
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11c Noise levels.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other

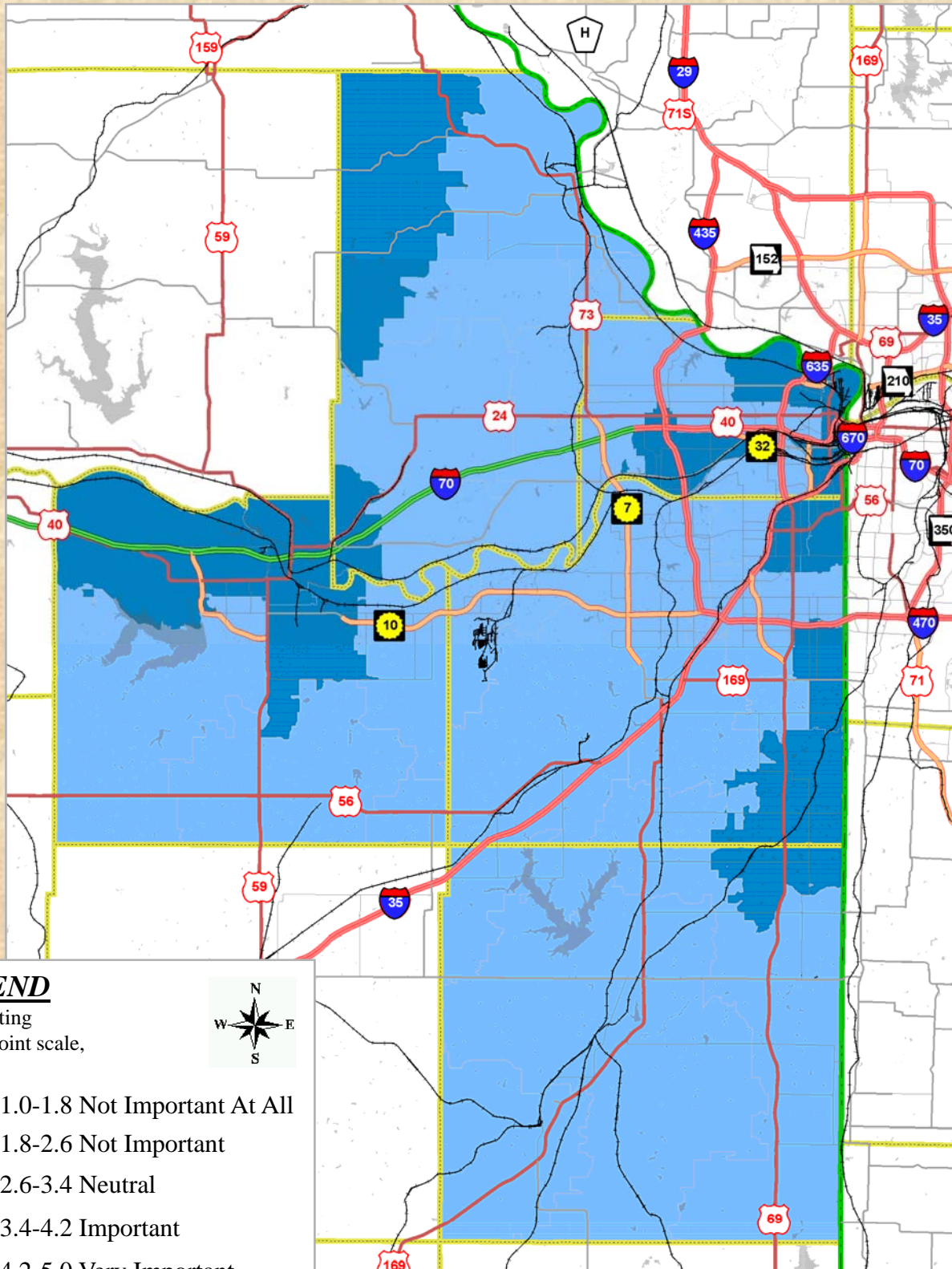
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11d Protection of local plant life.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other



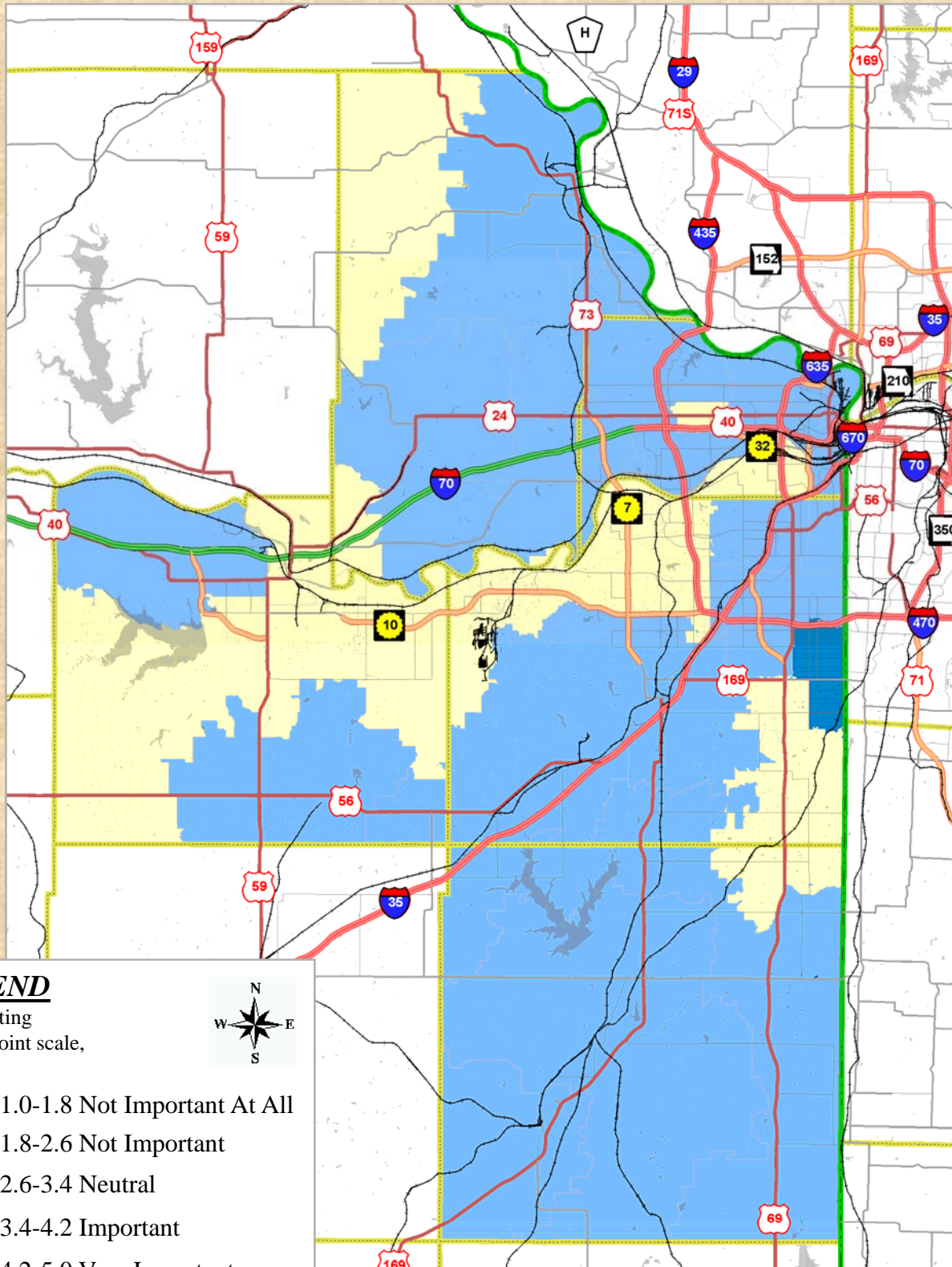
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11e Traffic disruption due to construction.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other



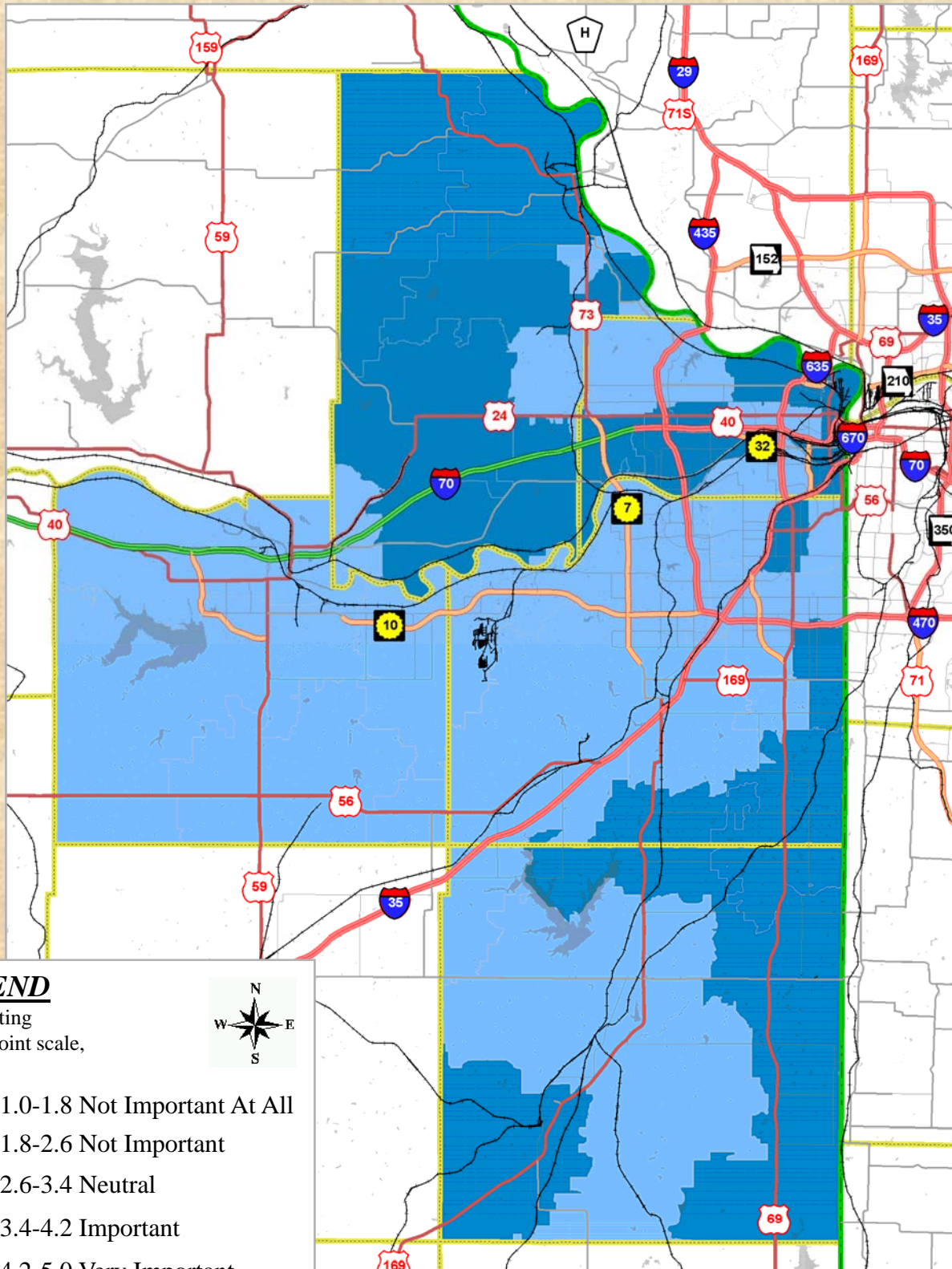
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP ode

* Selected ZIP codes were merged as needed based on respondent distribution

Q11f Cost to taxpayers.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other

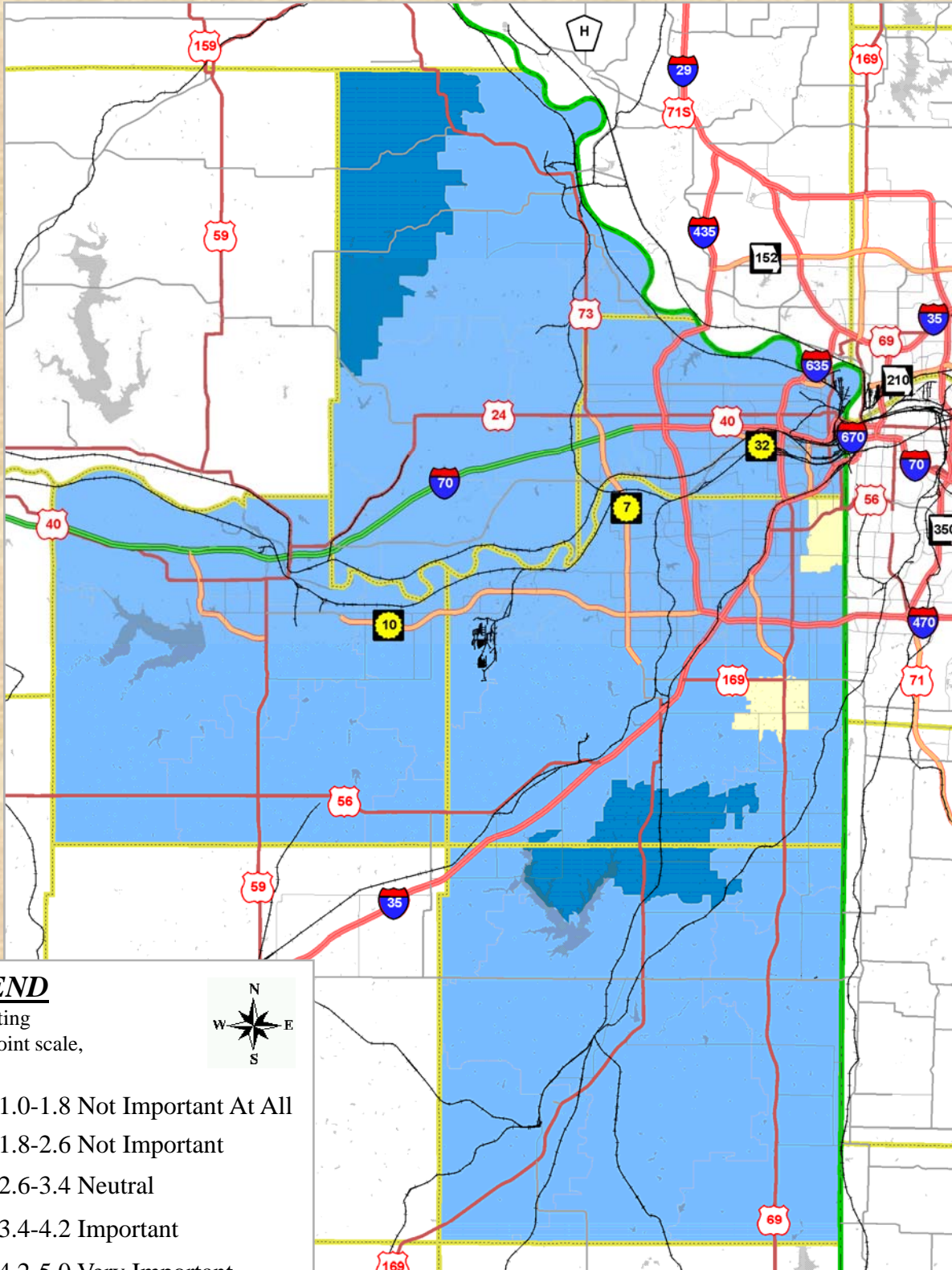
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11g Displacement of homes and businesses.



LEGEND

Mean rating
on a 5-point scale,
where:



- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other

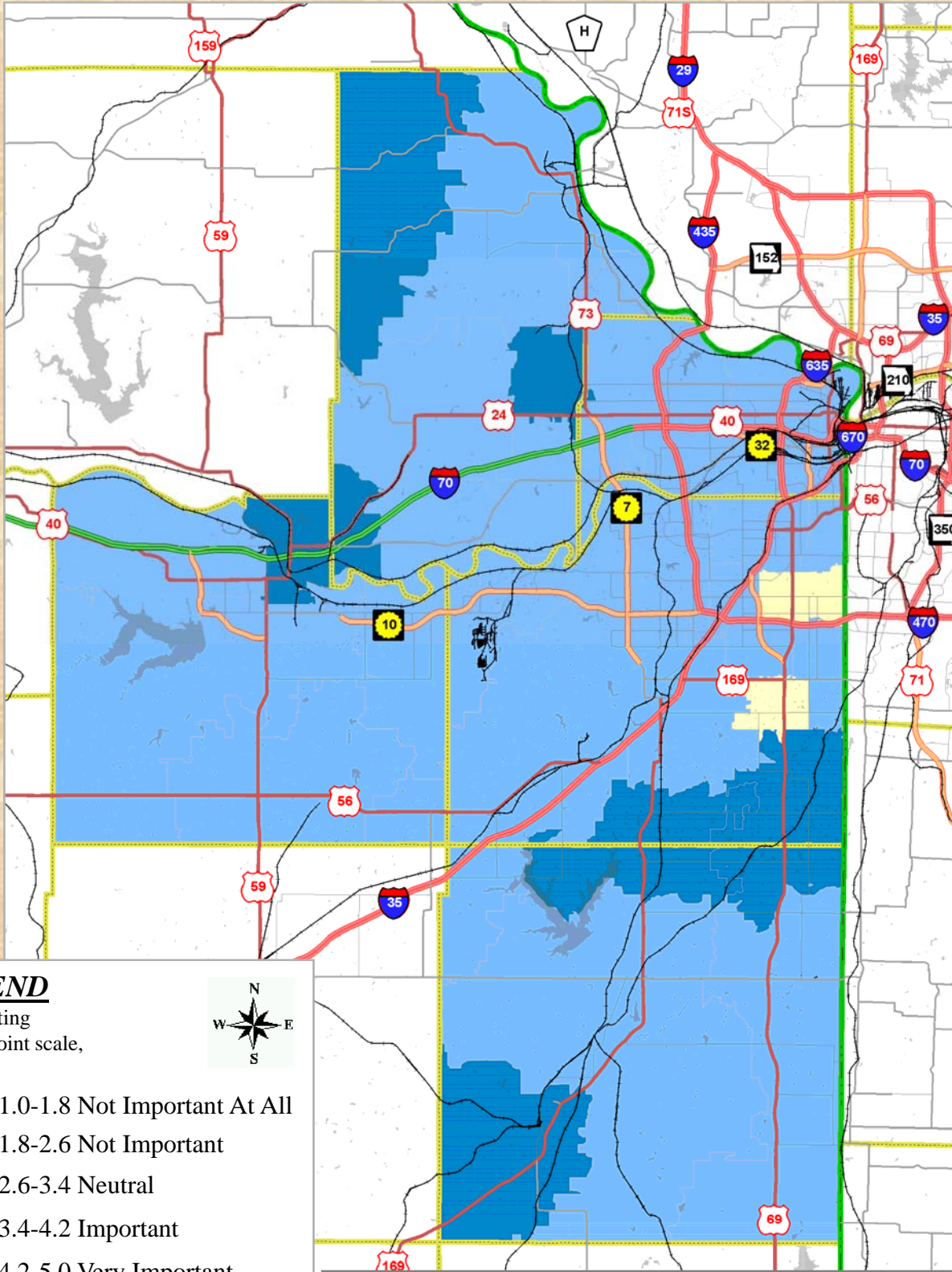
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11h Loss of farmland.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other



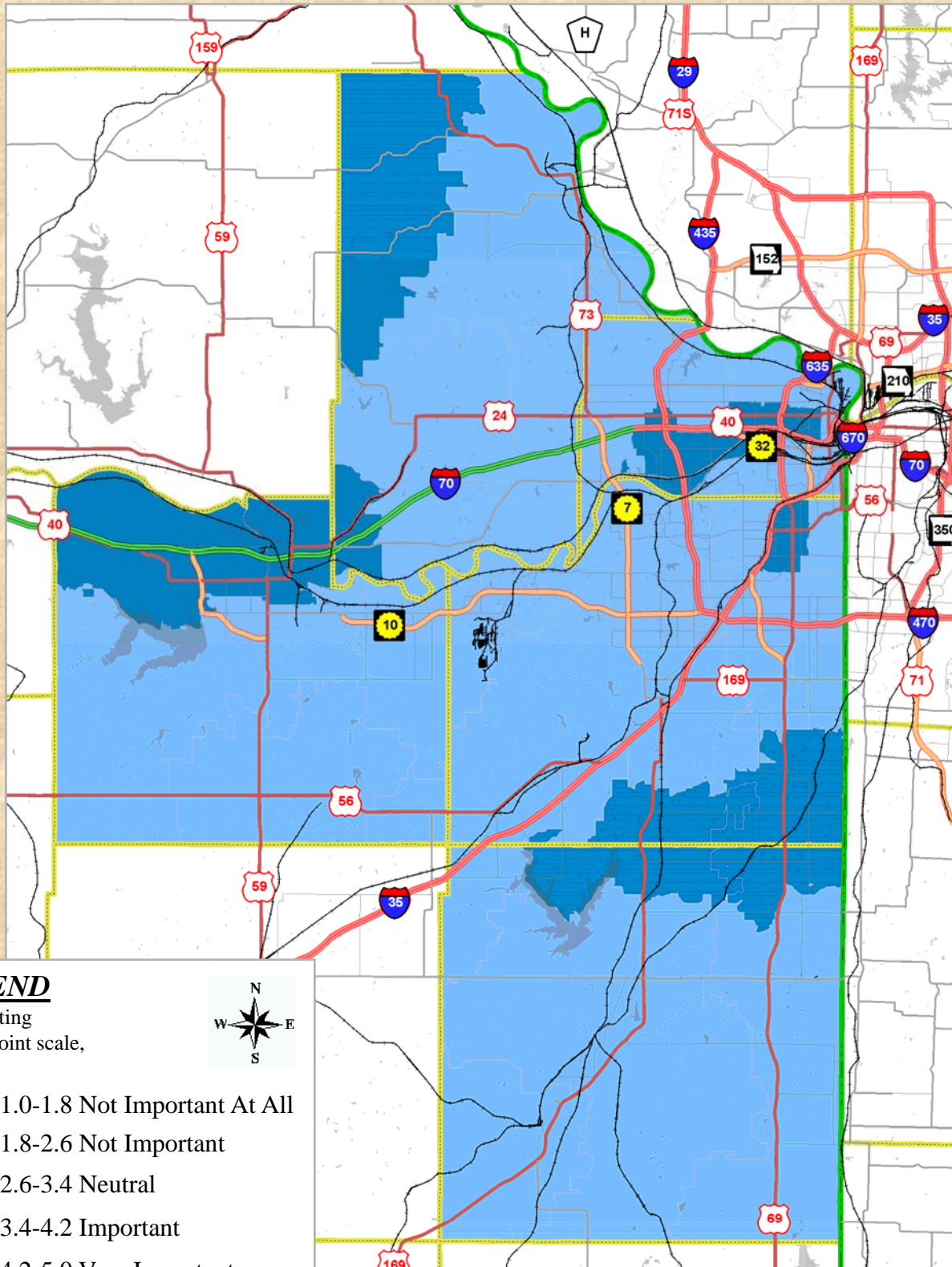
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11i Loss of parks & natural areas.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other



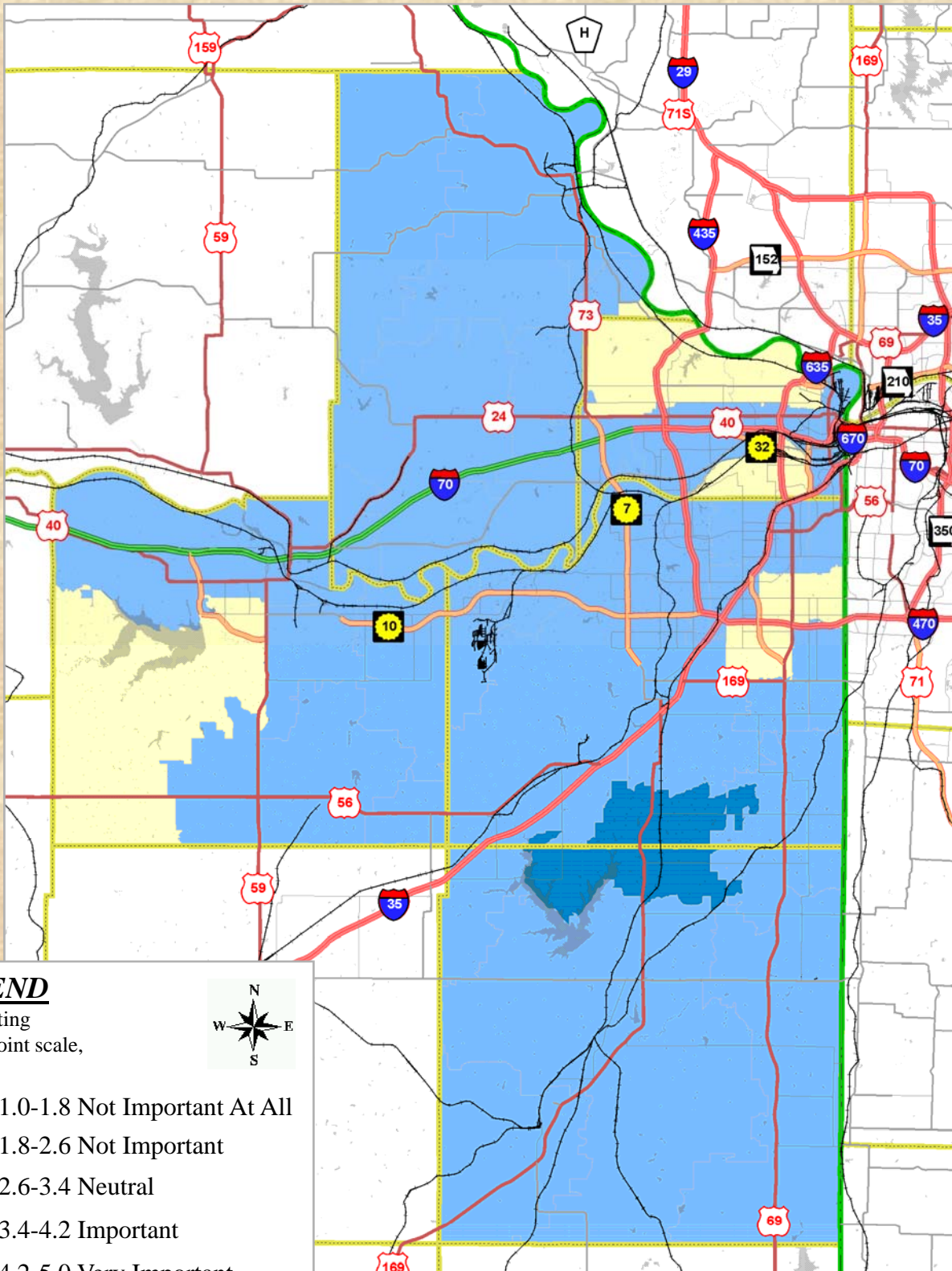
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP ode

* Selected ZIP codes were merged as needed based on respondent distribution

Q11j Urban sprawl.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other

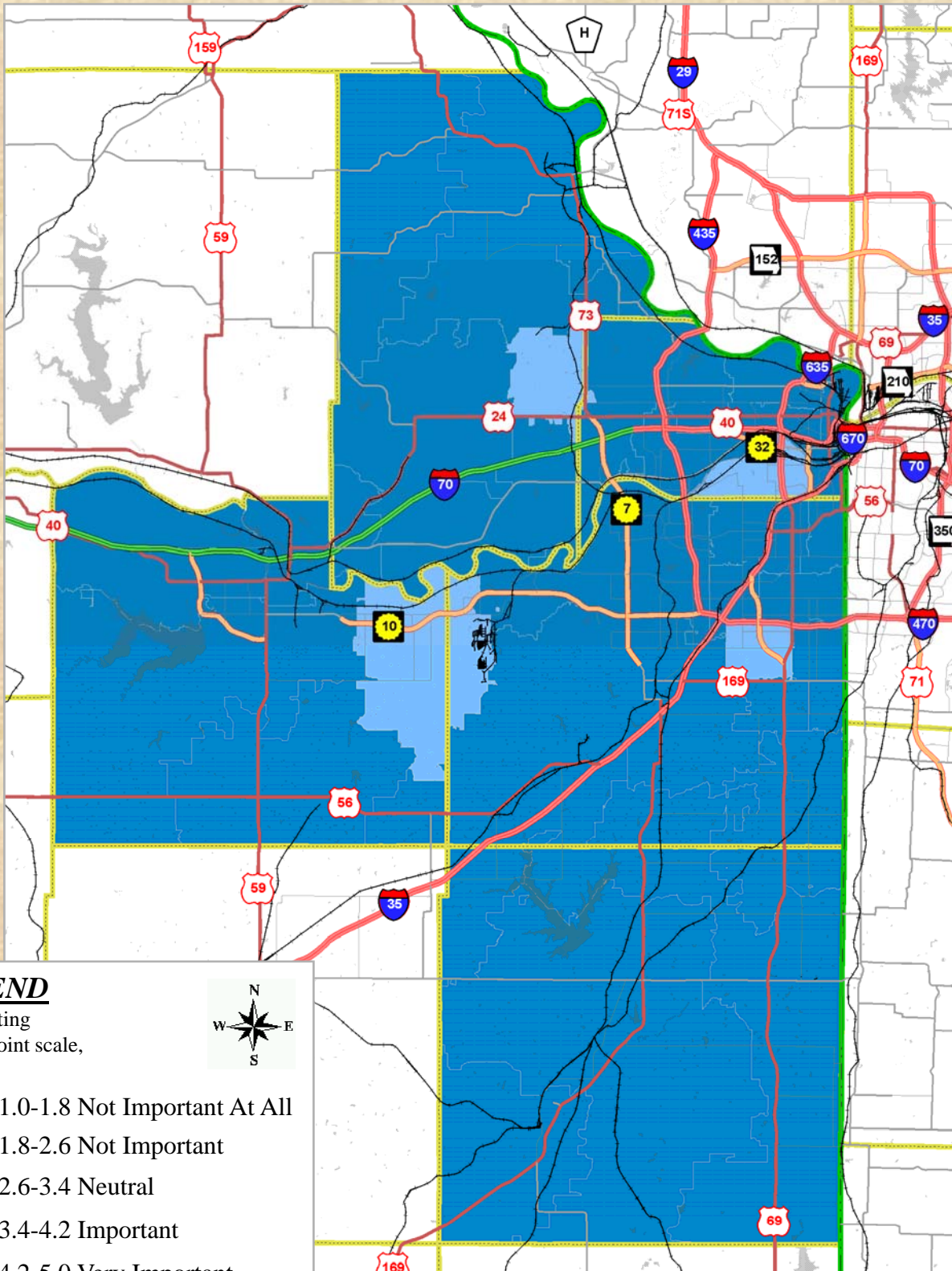
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q11k Traffic safety.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other

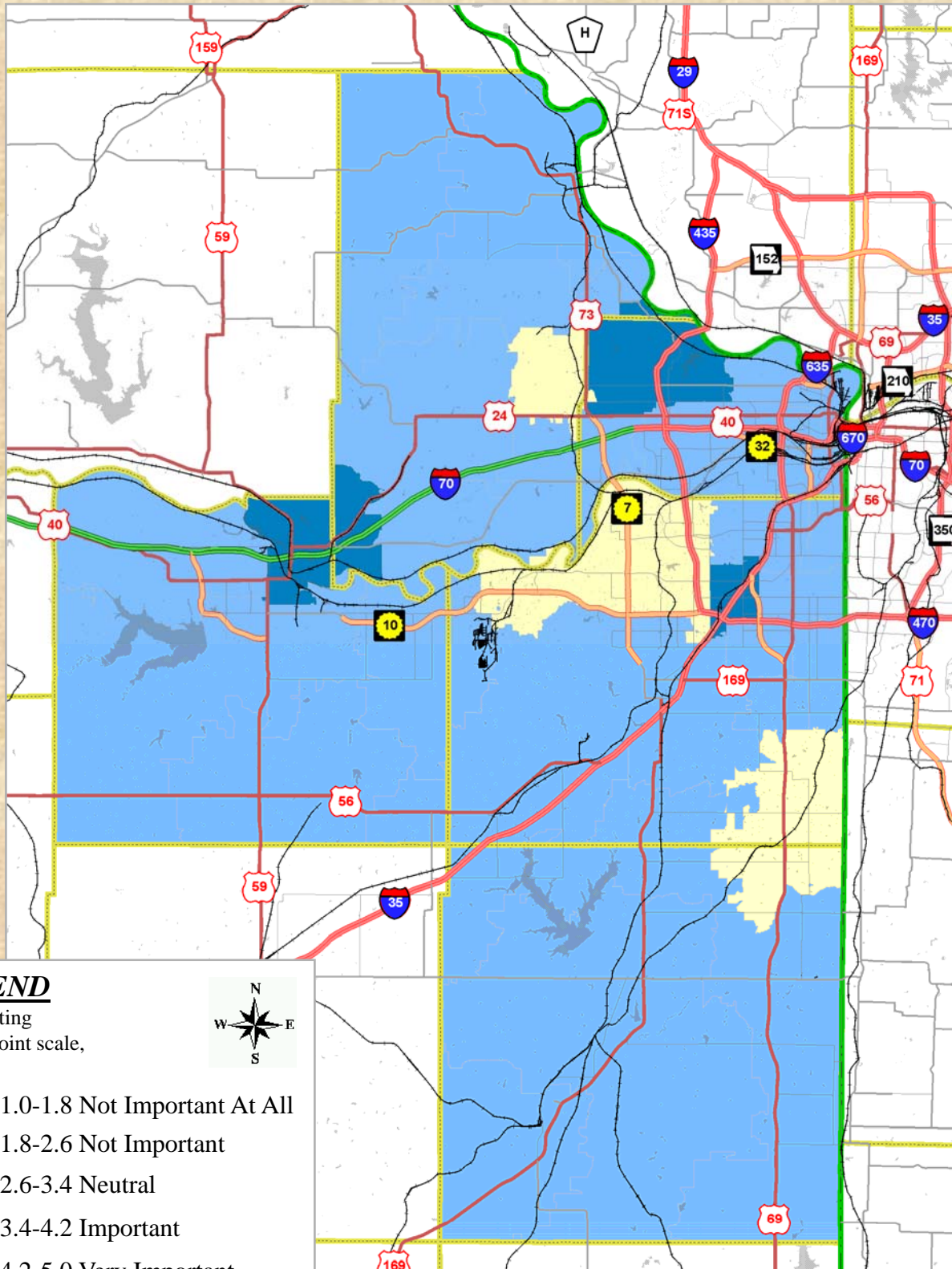
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q111 Climate change/greenhouse gas emissions.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Neutral
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- Other



Note: "Other" areas did not contain any responses

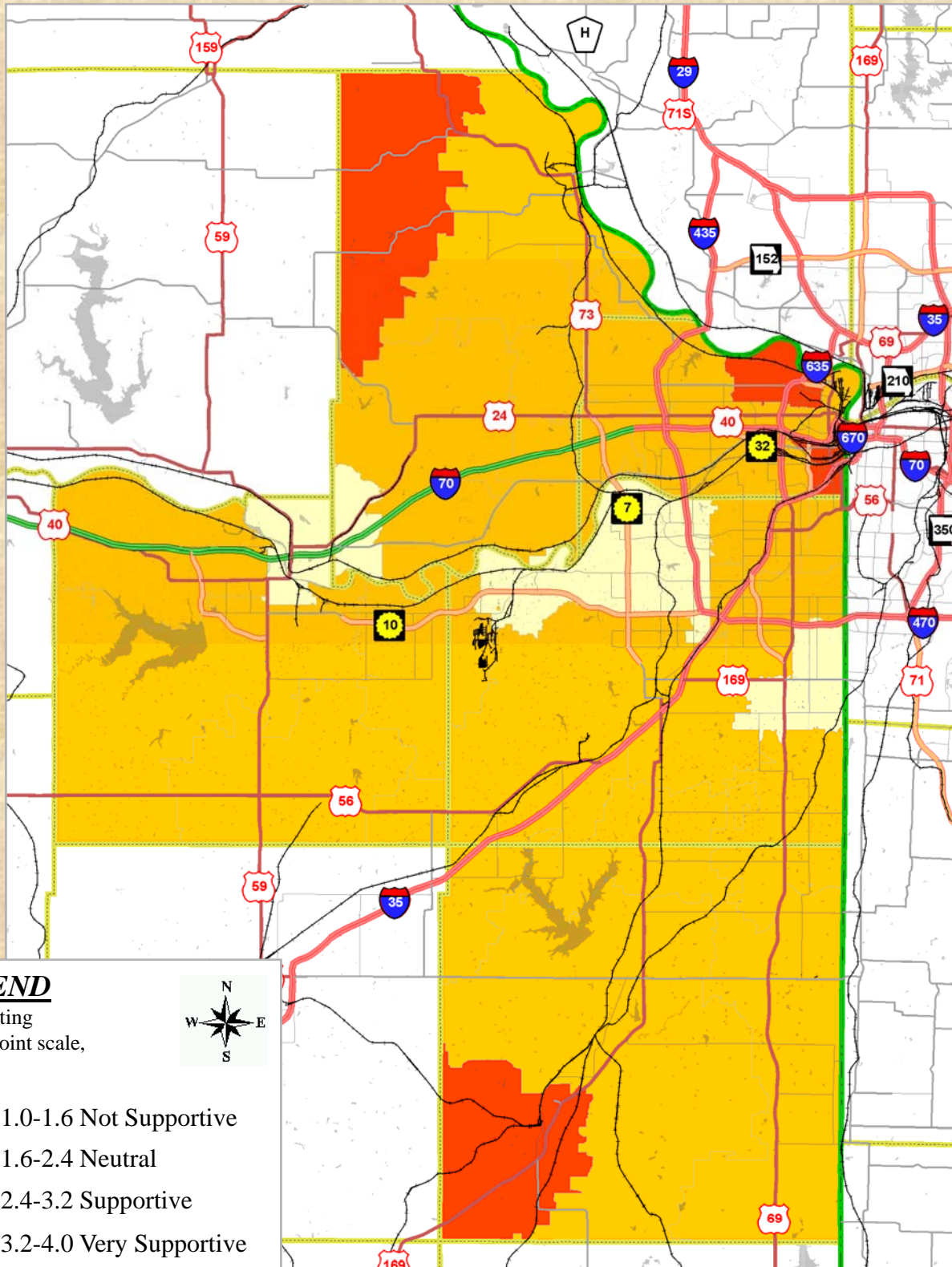
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Sources of Funding
Transportation
Improvements

Q12a Increase the gas tax.



LEGEND

Mean rating on a 4-point scale, where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



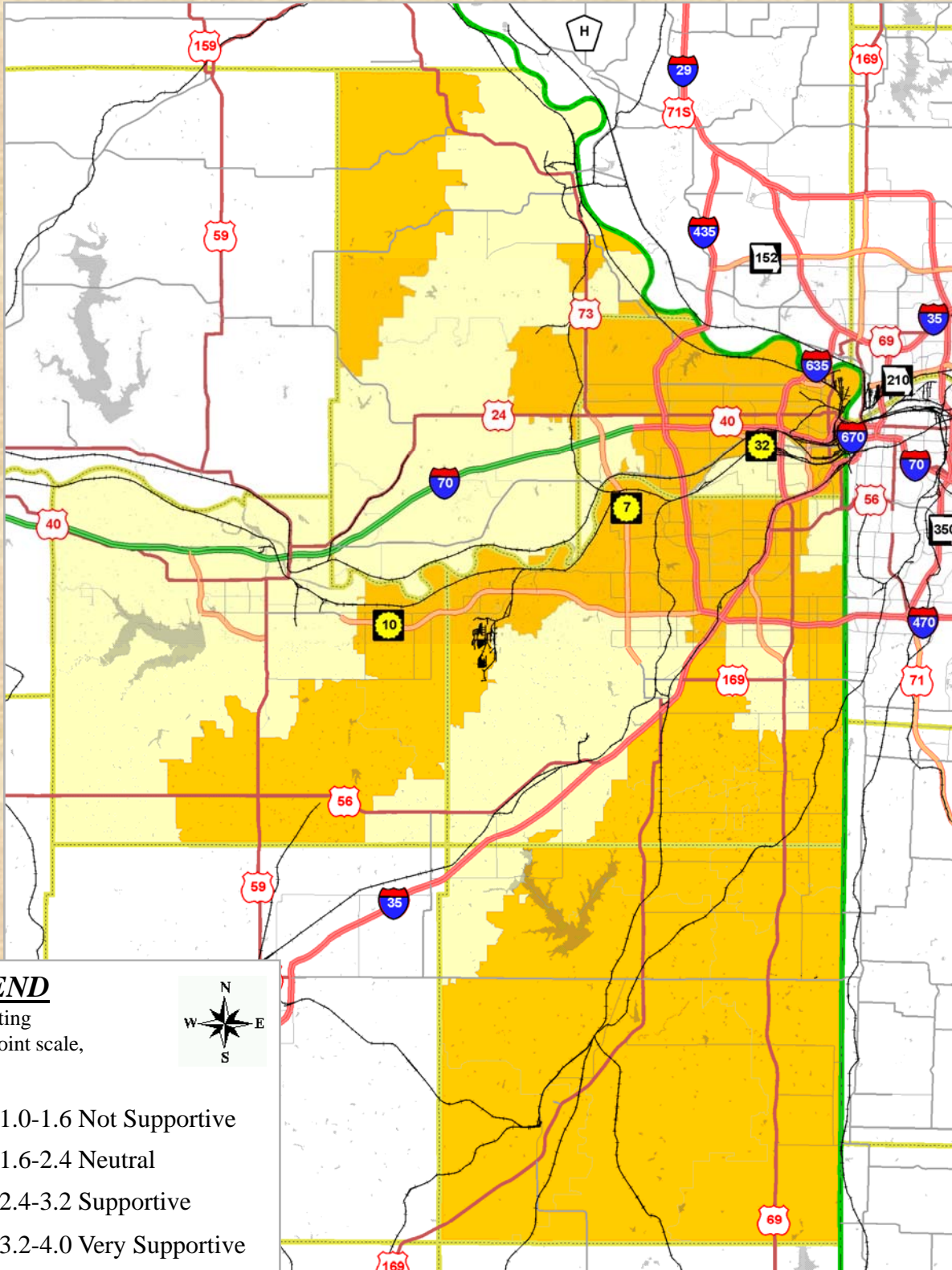
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q12b Use of tolls.



LEGEND

Mean rating on a 4-point scale, where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



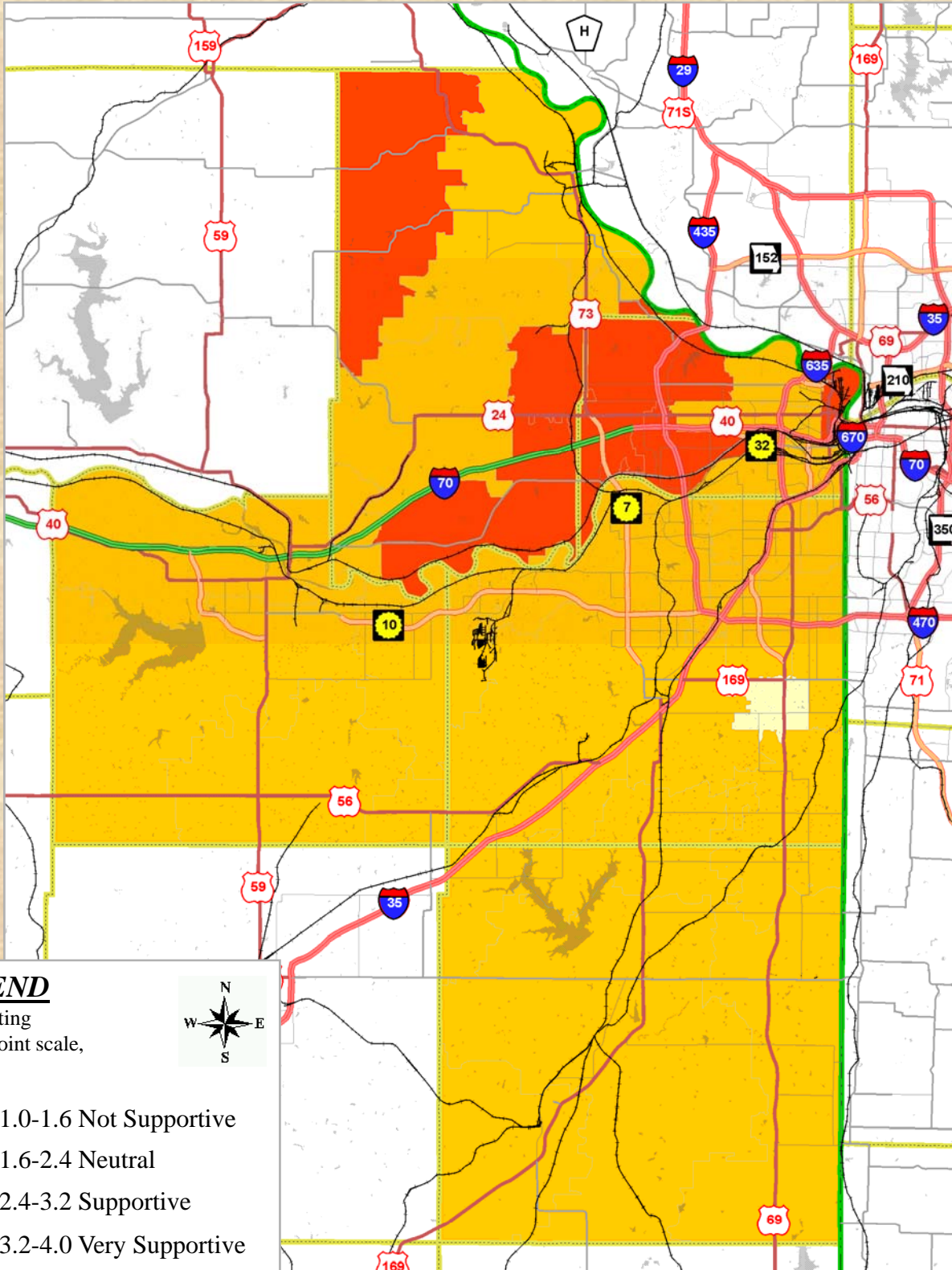
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q12c Increase vehicle registration fees.



LEGEND

Mean rating
on a 4-point scale,
where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



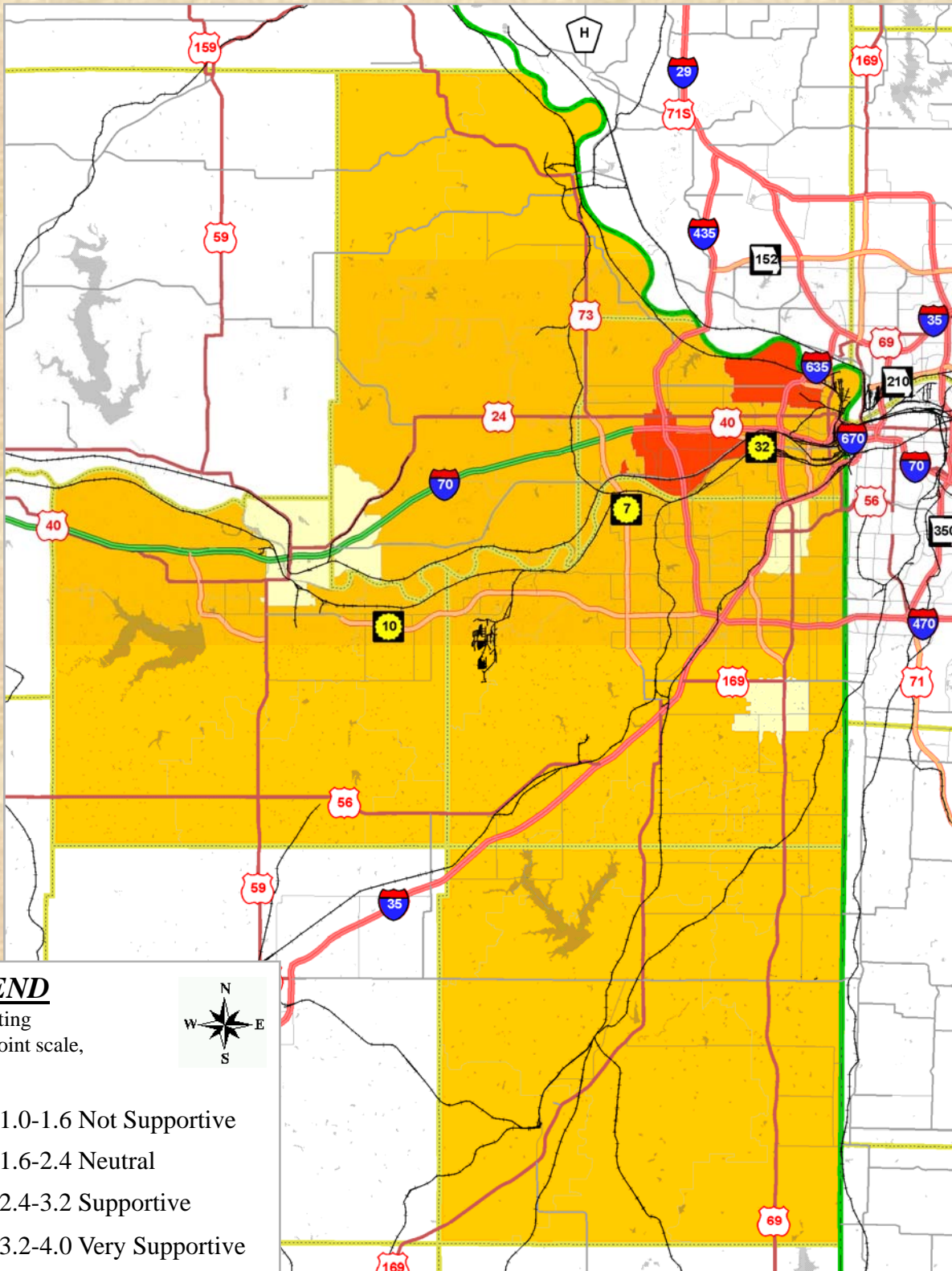
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q12d Apply a usage fee so that the more you drive, the higher the fee.



LEGEND

Mean rating on a 4-point scale, where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



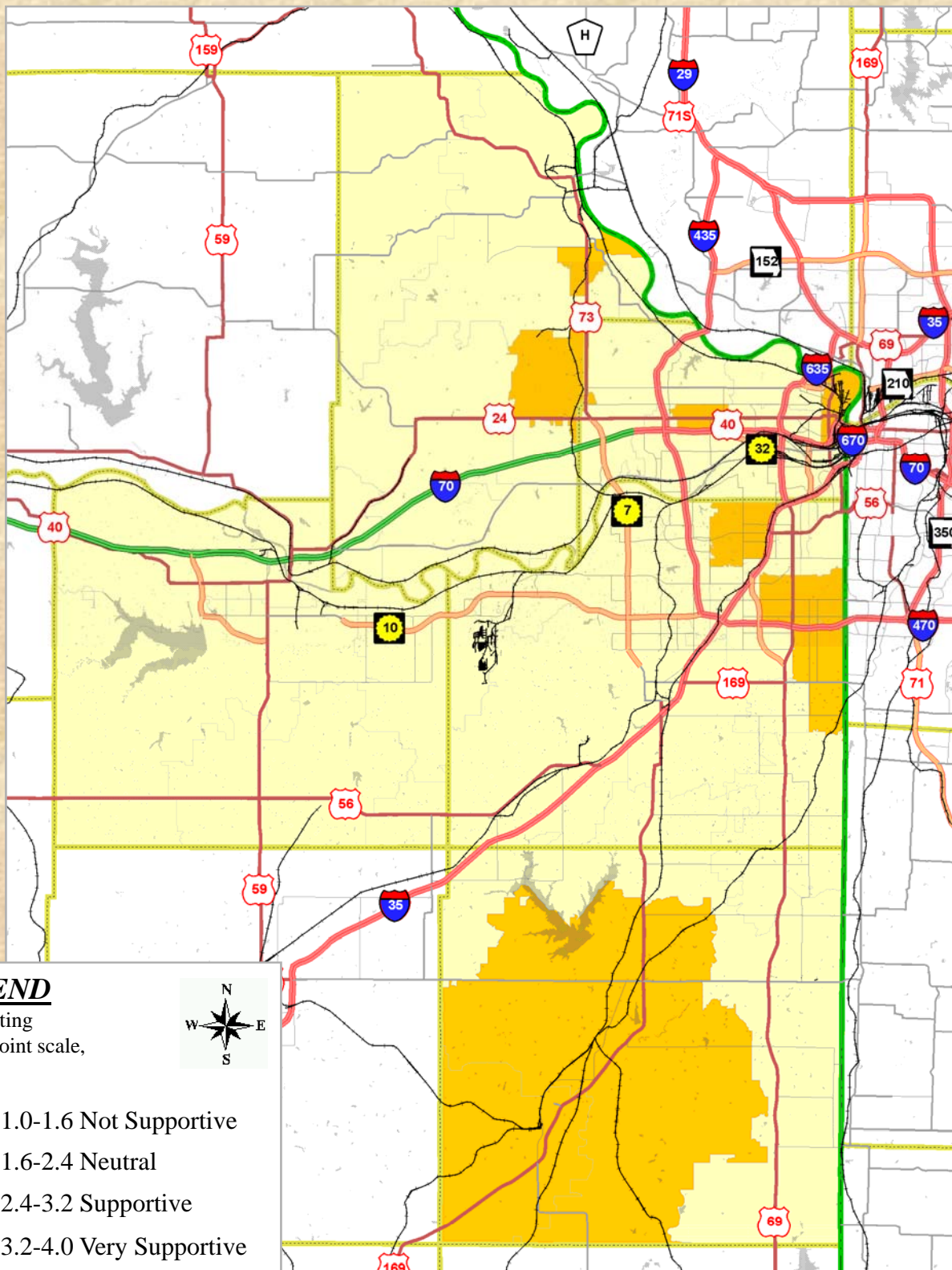
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q12e Apply road impact fee for new developments.



LEGEND

Mean rating on a 4-point scale, where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



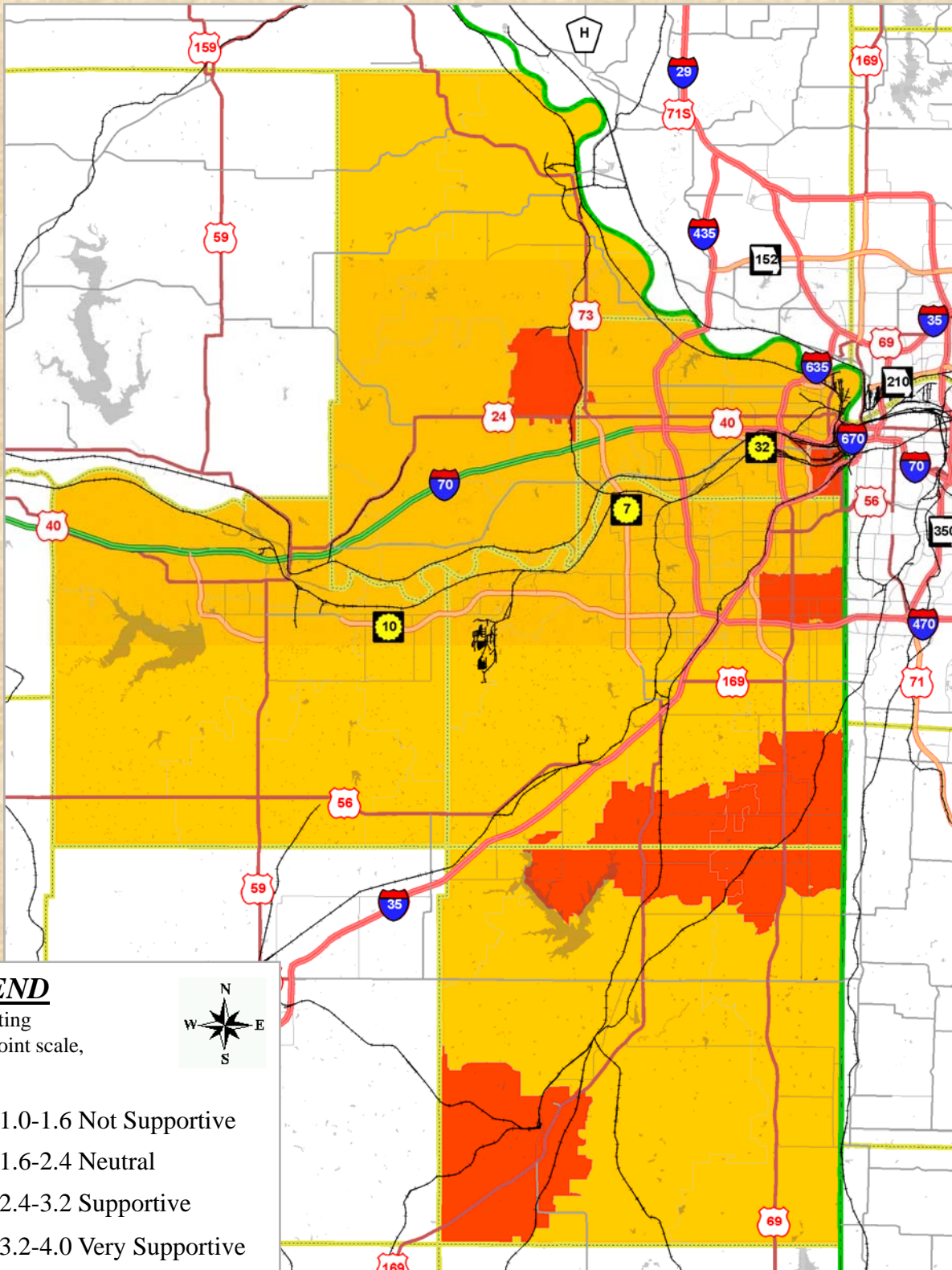
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q12f Sales tax increase.



LEGEND

Mean rating on a 4-point scale, where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



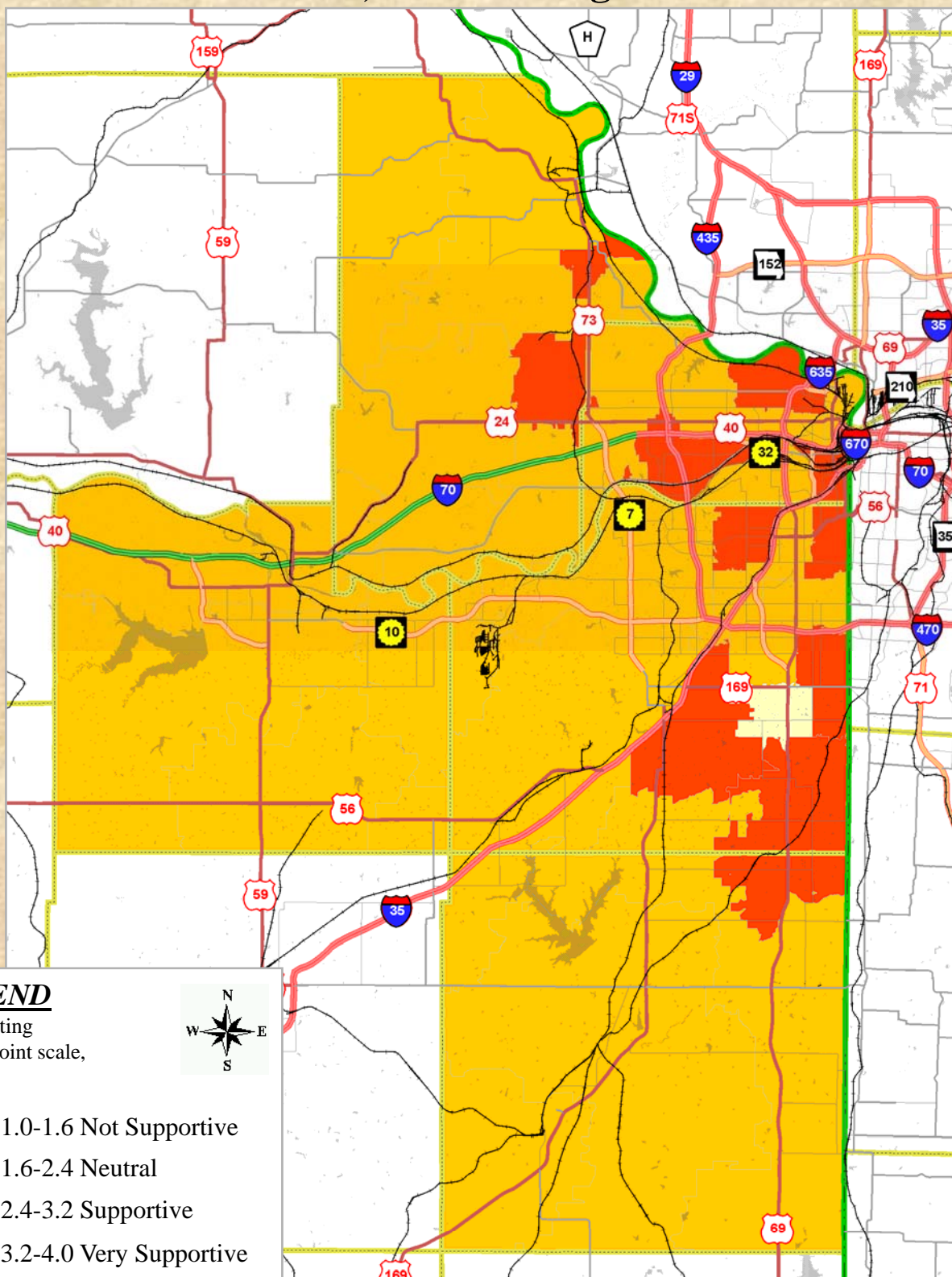
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q12g Apply congestion fee so that when you drive in rush hour, the fee is higher.



LEGEND

Mean rating on a 4-point scale, where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



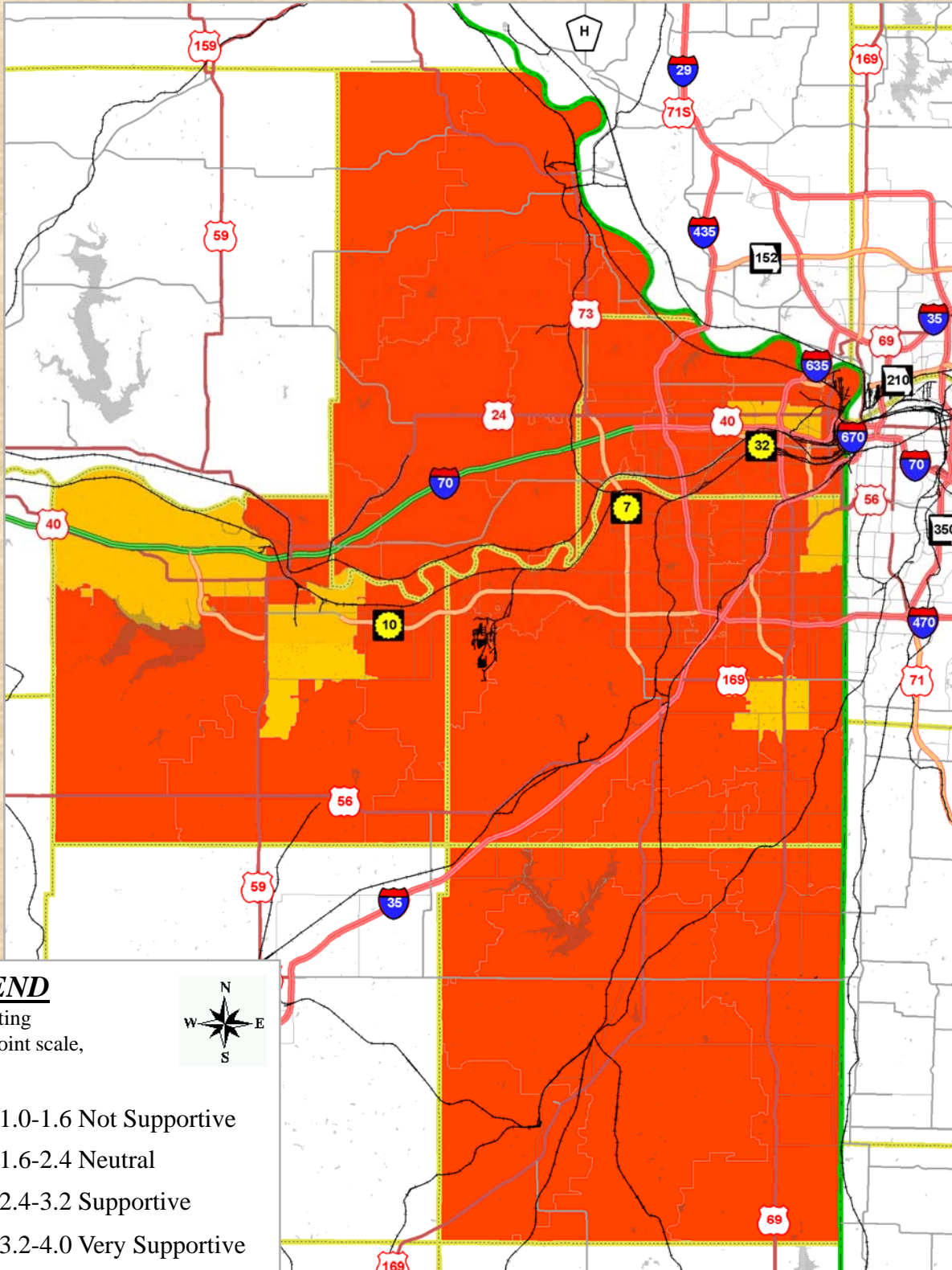
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q12h Property tax increase.



LEGEND

Mean rating on a 4-point scale, where:

- 1.0-1.6 Not Supportive
- 1.6-2.4 Neutral
- 2.4-3.2 Supportive
- 3.2-4.0 Very Supportive
- Other



5-County Regional Travel Survey

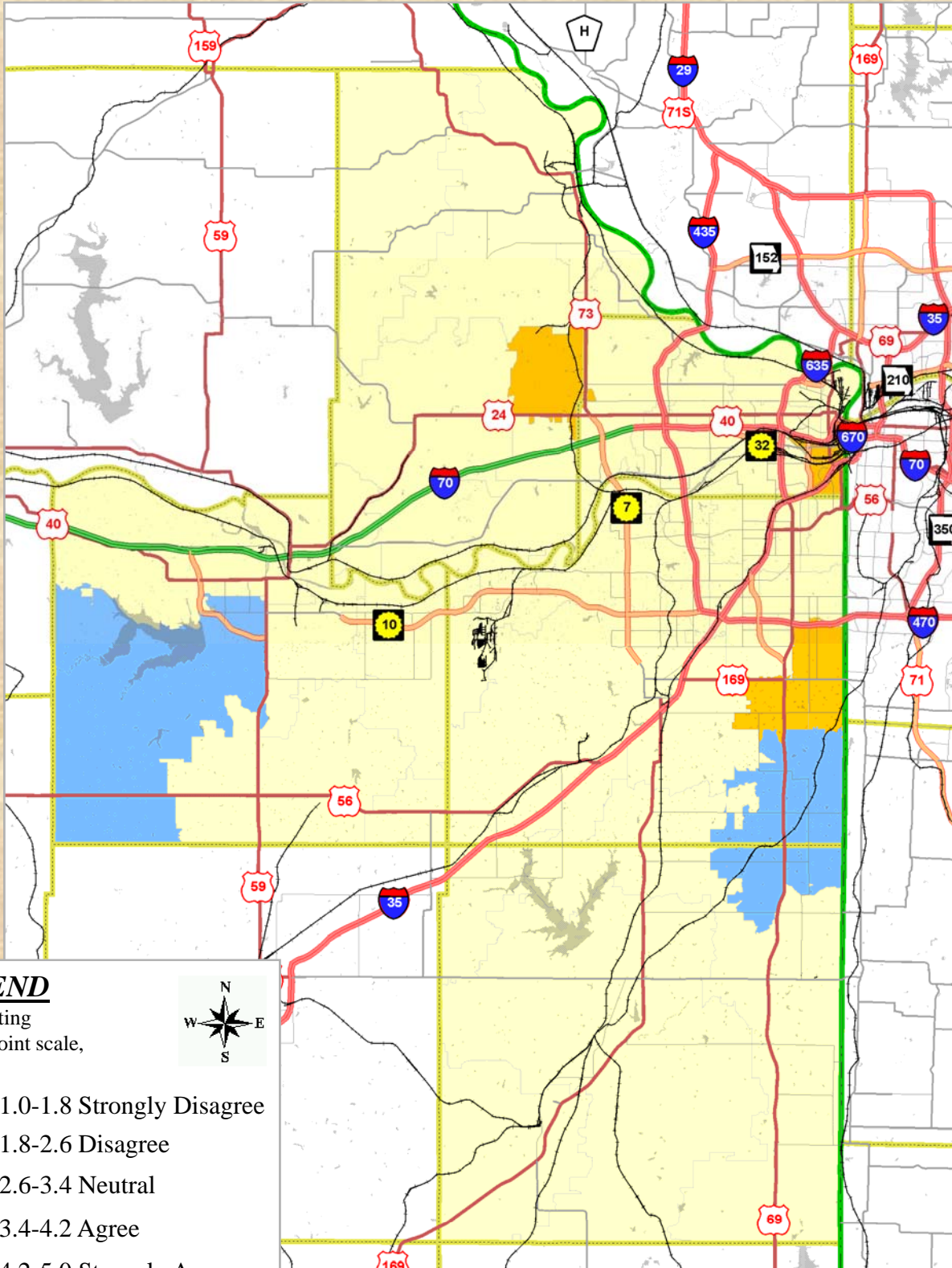
Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Transportation Status

Q15a Current transit services can serve most resident's basic mobility needs.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other

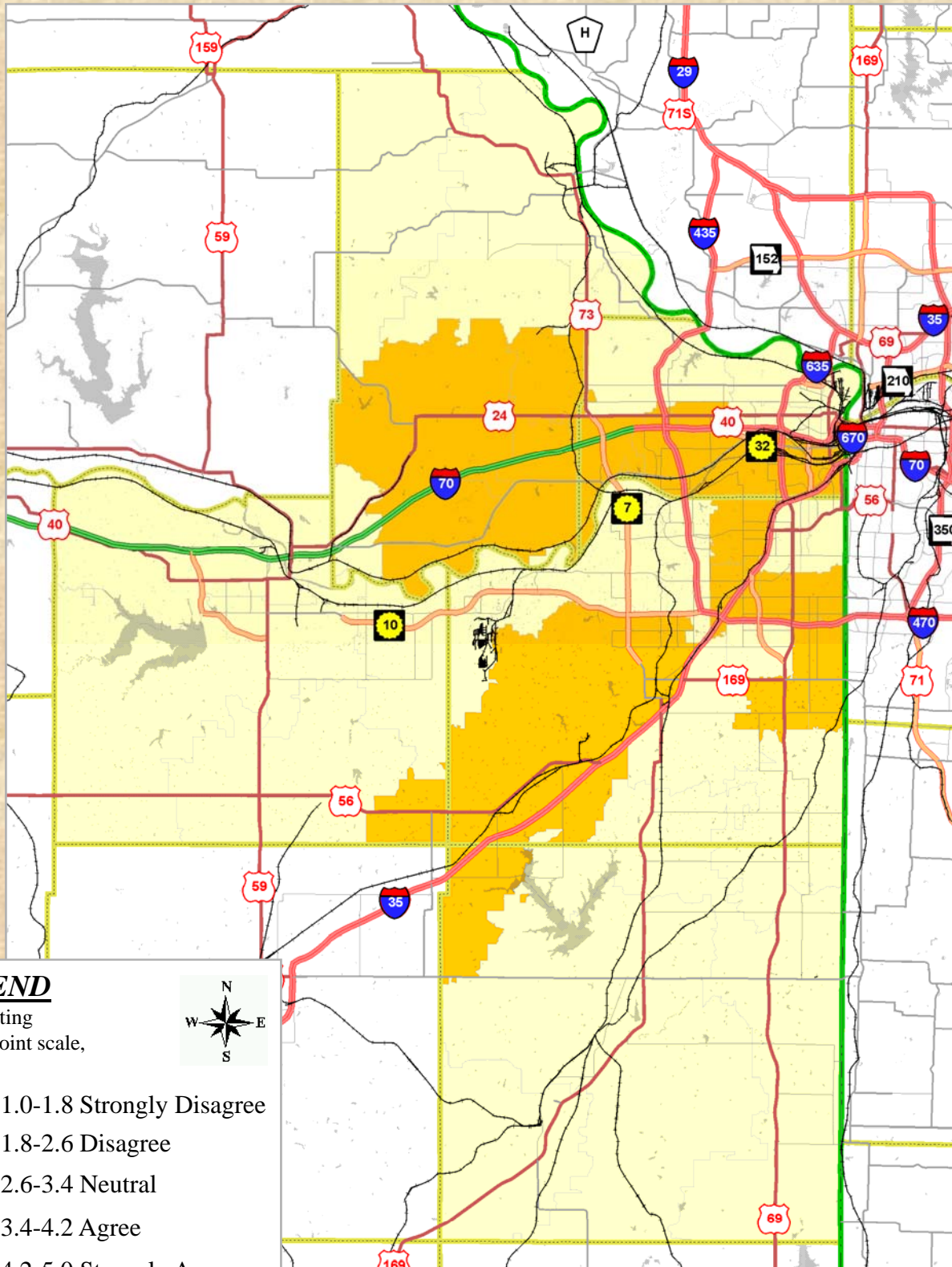
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q15b Special transportation services for the elderly and the disabled are adequate.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other

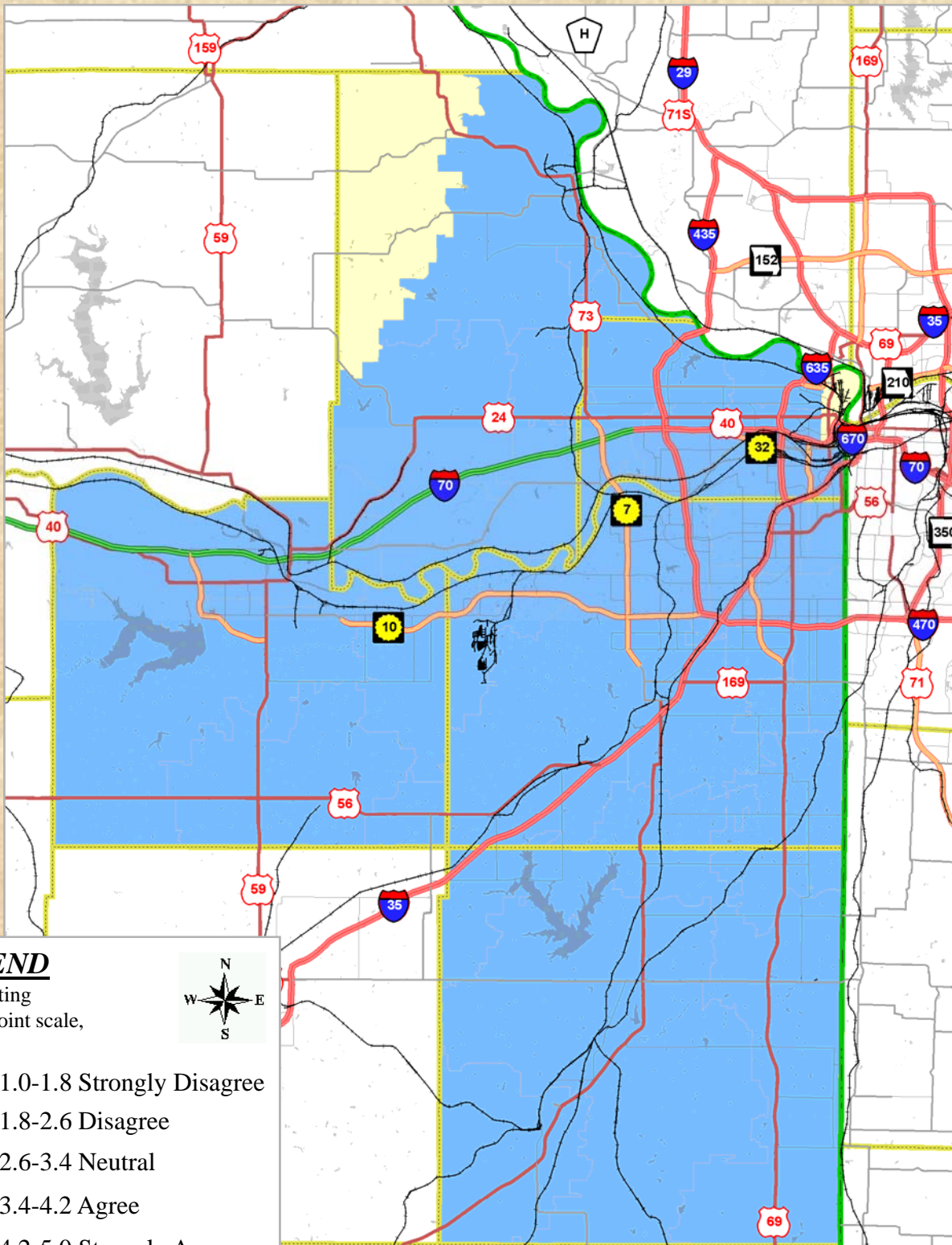


Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP ode
 * Selected ZIP codes were merged as needed based on respondent distribution

Q15c Impact of transportation projects on air and water quality, natural areas and wildlife, and climate change should be minimized.



LEGEND

Mean rating on a 5-point scale, where:



- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other

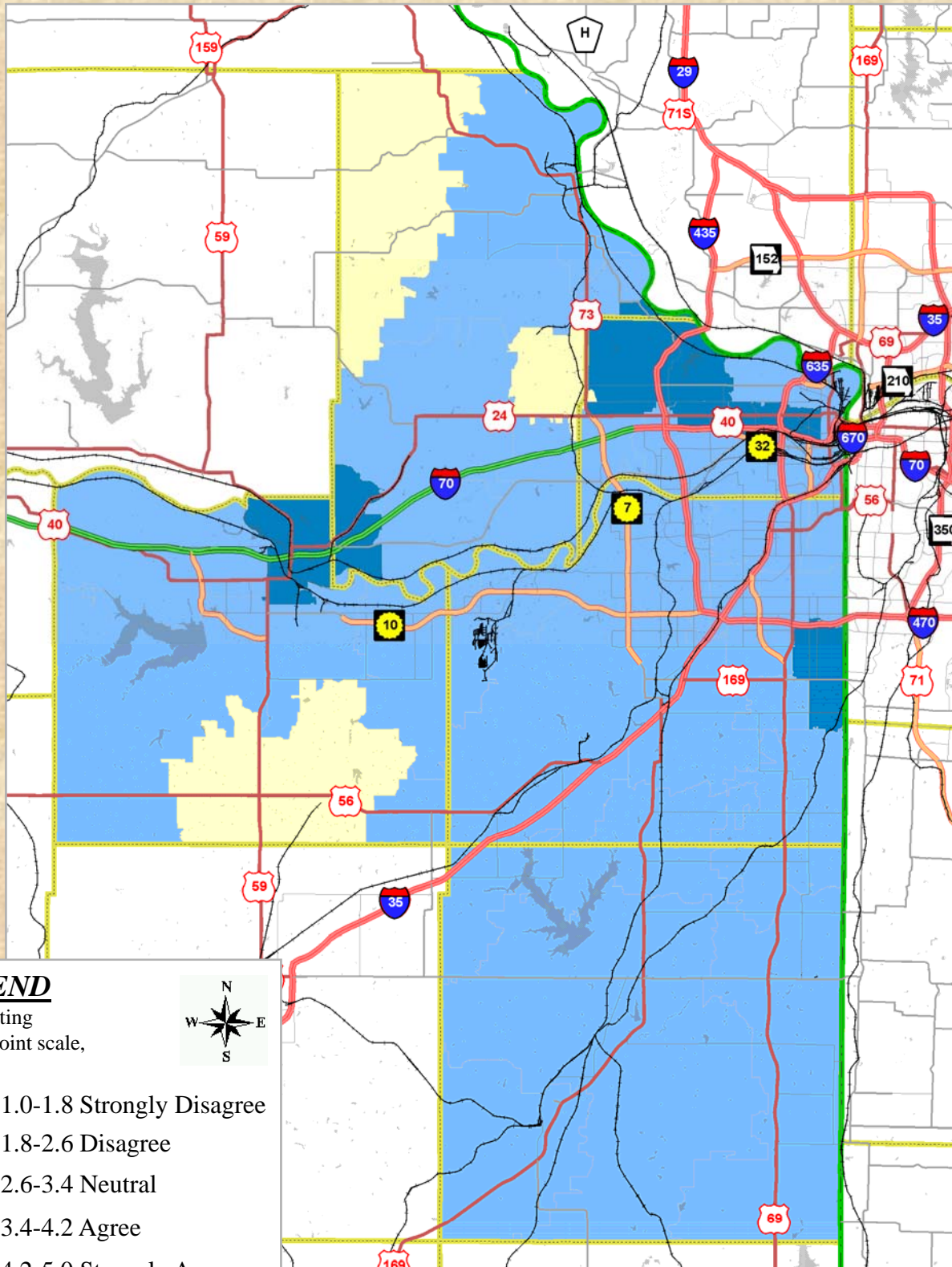
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q15d Transportation projects should promote healthy lifestyles like biking and walking.



LEGEND

Mean rating on a 5-point scale, where:



- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other

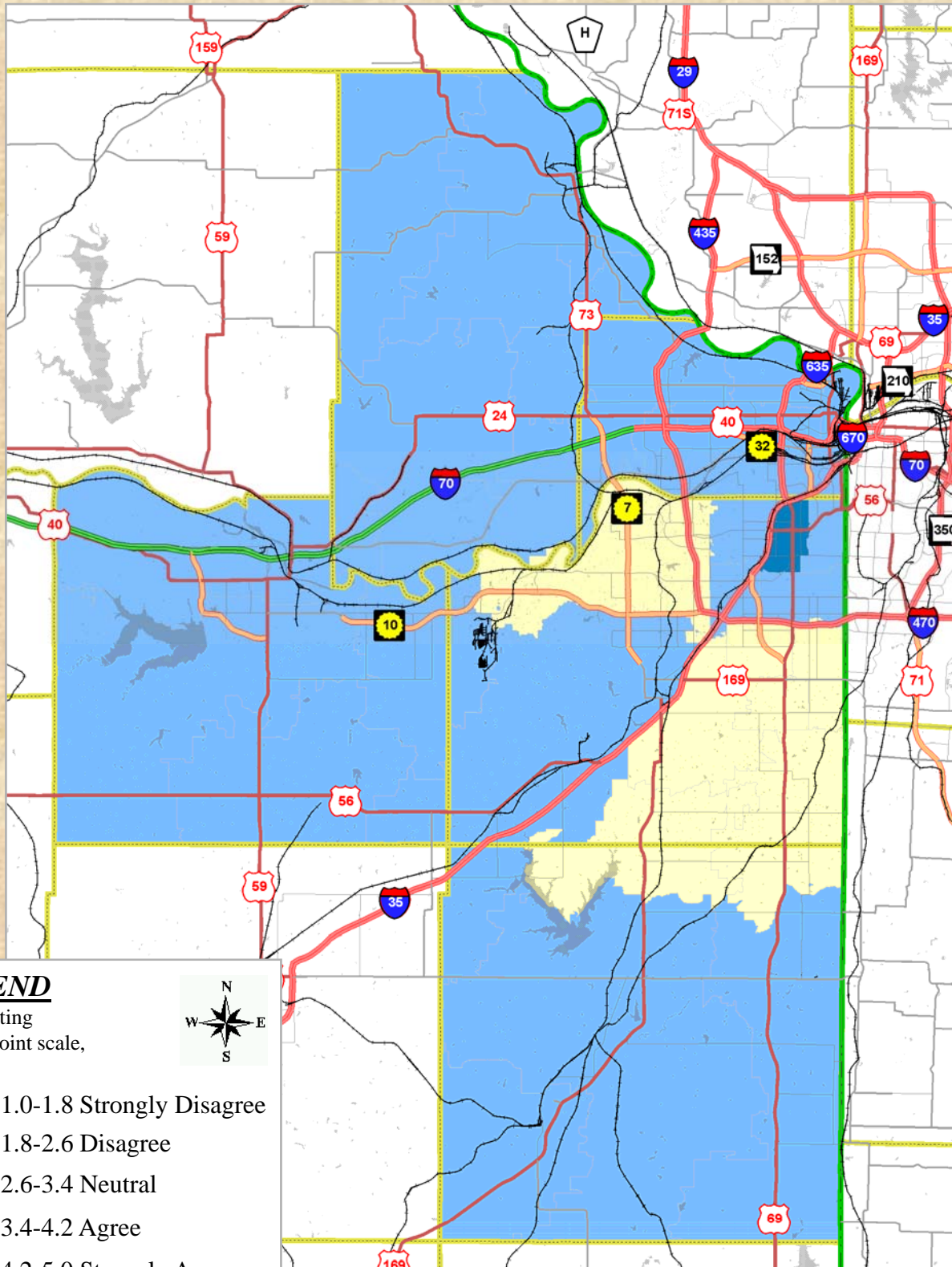
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP ode

* Selected ZIP codes were merged as needed based on respondent distribution

Q15e Region should promote projects that enhance Kansas City's role as a hub for freight transportation.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other



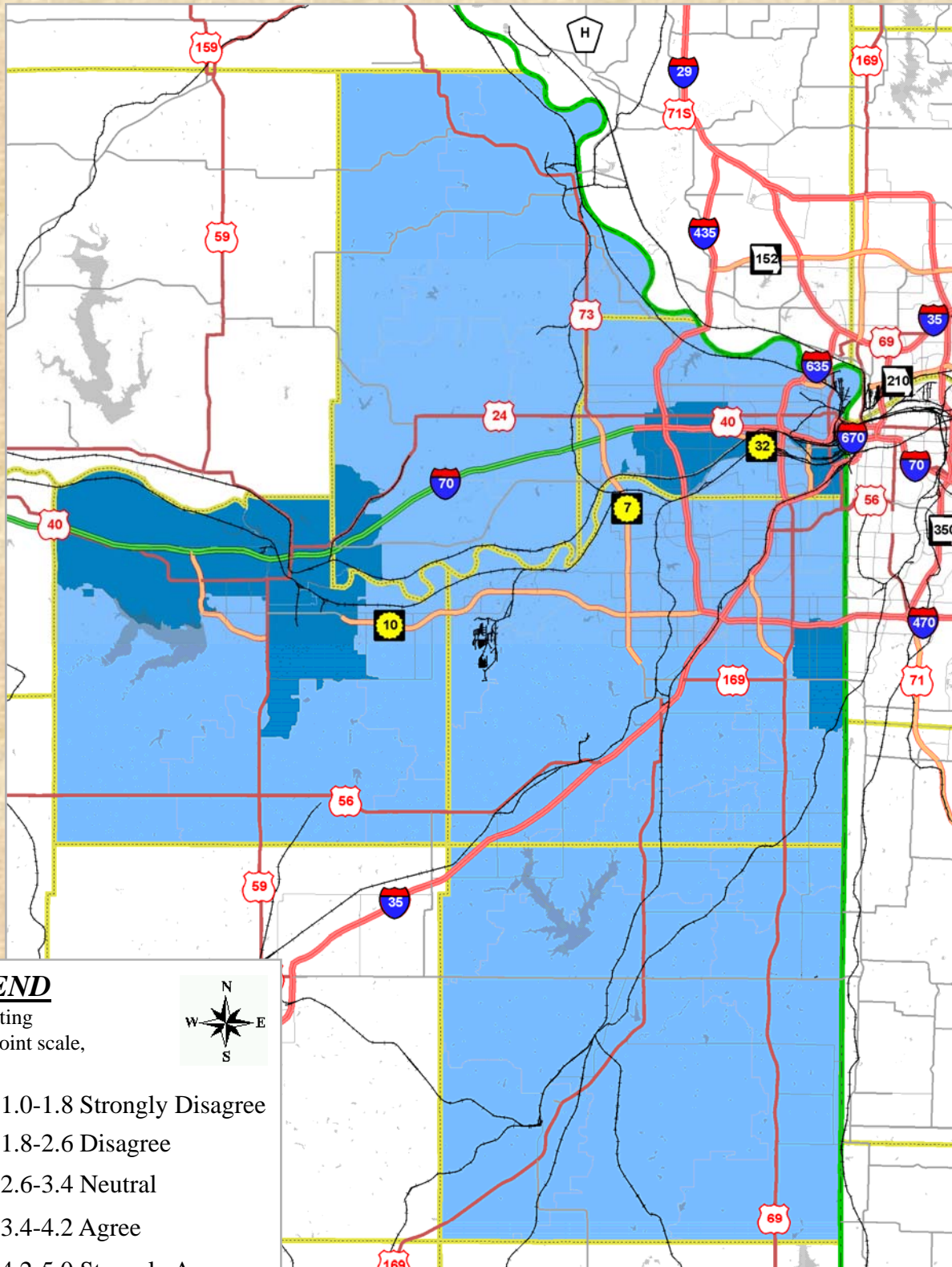
5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Note: "Other" areas did not contain any responses

Q15f Transportation projects that reduce the region's dependency on oil should be a priority.



LEGEND

Mean rating on a 5-point scale, where:

- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other

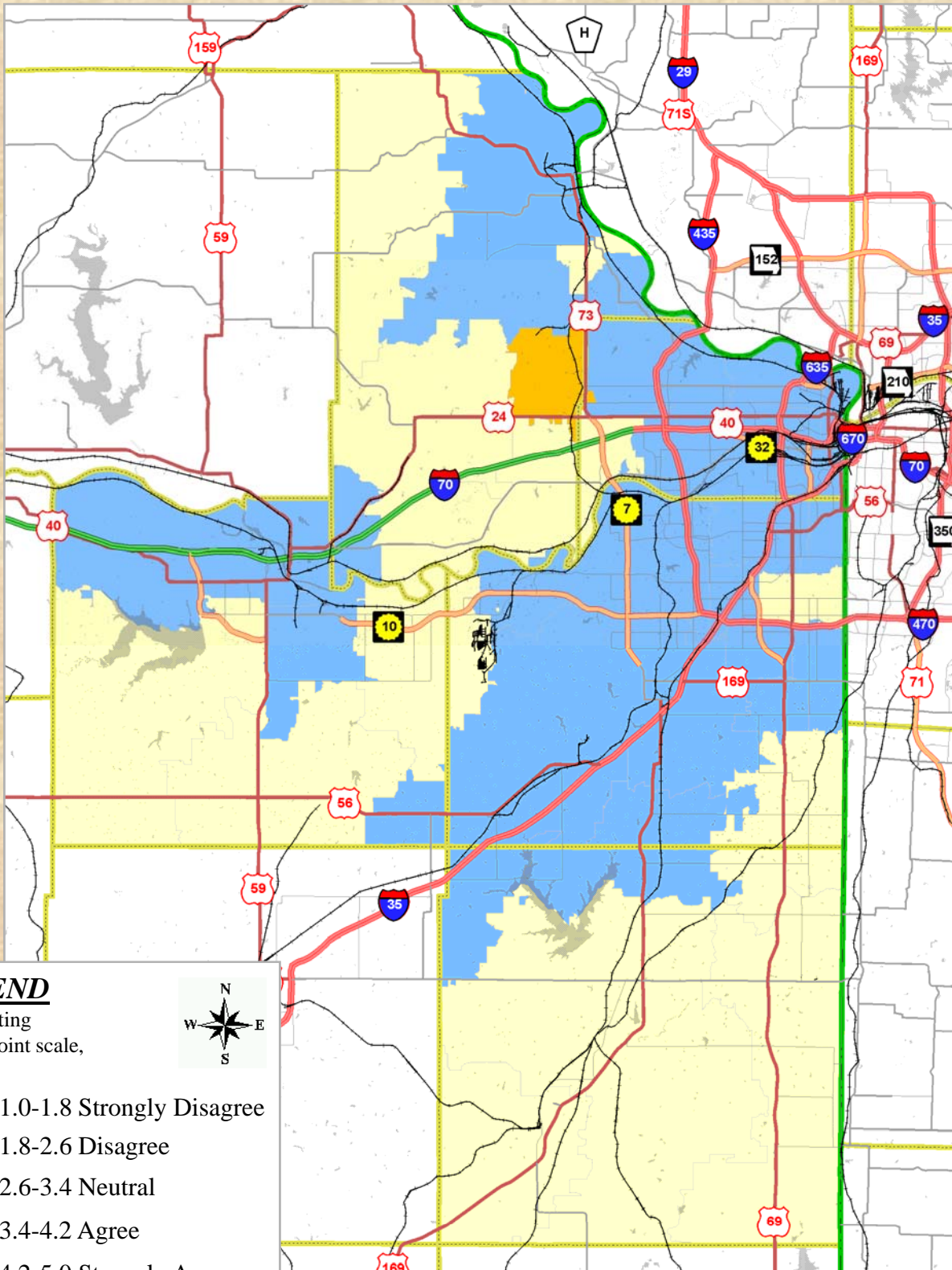
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q15g The region should build a rail transit system like light rail and/or commuter rail.



LEGEND

Mean rating on a 5-point scale, where:



- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other

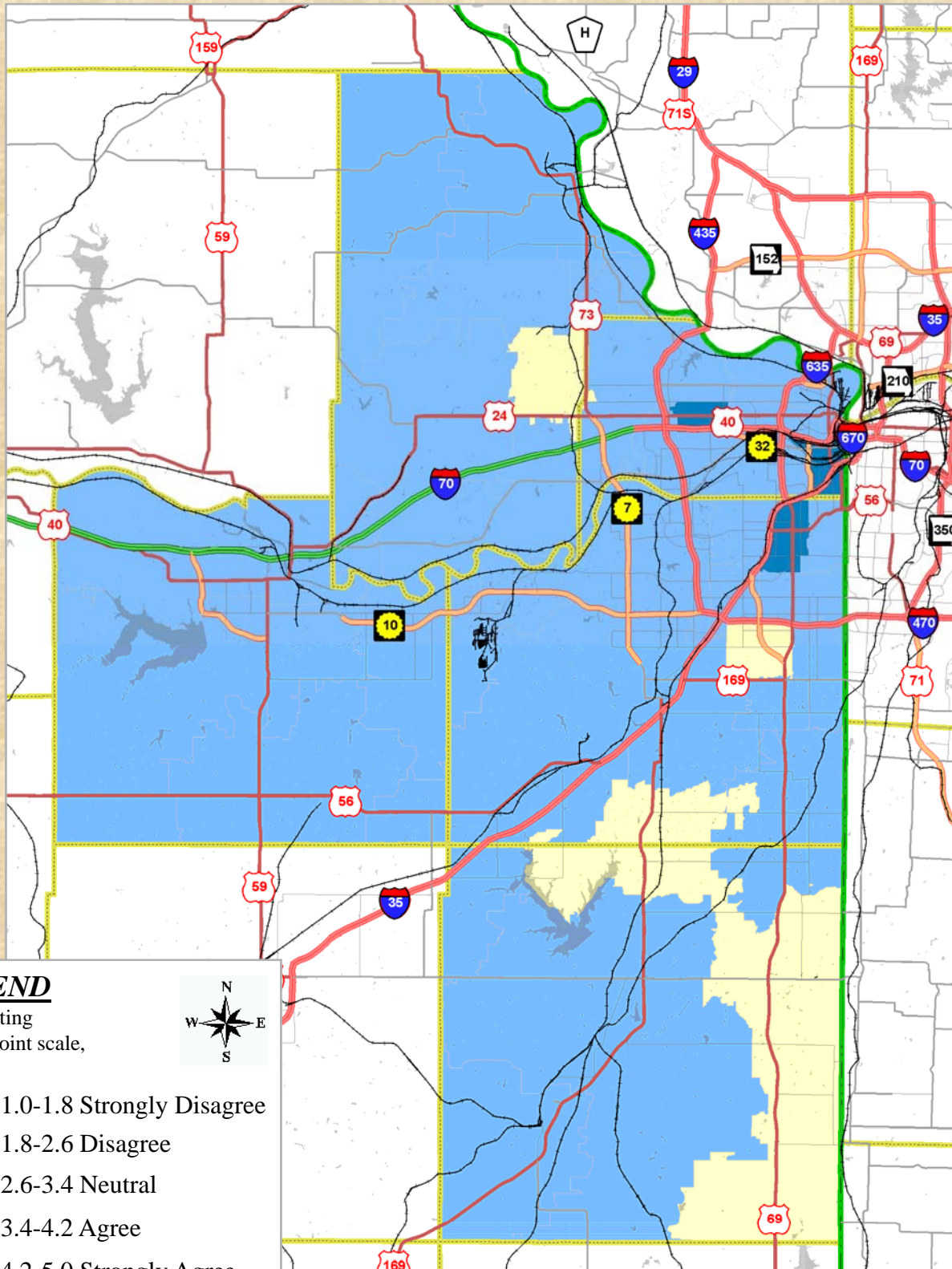
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Q15h Should be regional bus system.



LEGEND

Mean rating
on a 5-point scale,
where:

- 1.0-1.8 Strongly Disagree
- 1.8-2.6 Disagree
- 2.6-3.4 Neutral
- 3.4-4.2 Agree
- 4.2-5.0 Strongly Agree
- Other

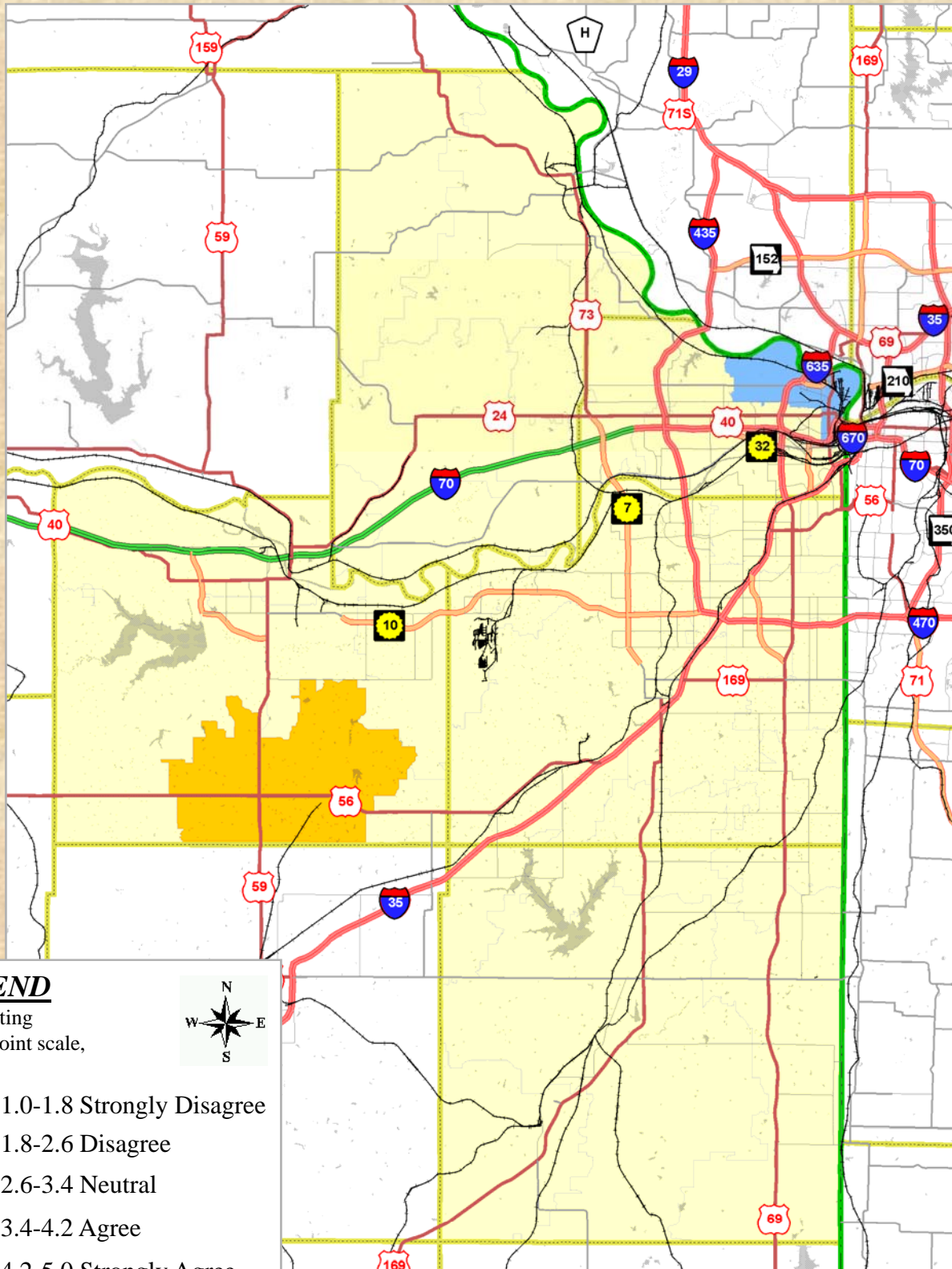
Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code







* Selected ZIP codes were merged as needed based on respondent distribution

Q15i New highways should be built in outlying areas.



LEGEND

Mean rating
on a 5-point scale,
where:

-  1.0-1.8 Strongly Disagree
-  1.8-2.6 Disagree
-  2.6-3.4 Neutral
-  3.4-4.2 Agree
-  4.2-5.0 Strongly Agree
-  Other

Note: "Other" areas did not contain any responses

5-County Regional Travel Survey

Shading reflects the mean rating for all respondents by ZIP code

* Selected ZIP codes were merged as needed based on respondent distribution

Section 3:
Tabular Data

2009 5-County Transportation Study Survey Results

<u>County</u>	<u>Number</u>	<u>Percent</u>
Douglas County	243	20.3 %
Johnson County	209	17.5 %
Leavenworth County	284	23.8 %
Miami County	243	20.3 %
Wyandotte County	215	18.0 %
Total	1194	99.9 %

Q1. Please rate your satisfaction with the following:

(N=1195)

	Very Satisfied 5	Satisfied 4	Neutral 3	Dissatisfied 2	Very Dissatisfied 1	Don't Know 9
Q1a The flow of traffic on highways and major roads	12.2%	49.6%	23.4%	8.6%	2.5%	3.6%
Q1b The maintenance of current roads within the cities/towns	6.1%	31.6%	26.4%	23.3%	8.9%	3.6%
Q1c The maintenance of current roads between the cities/towns	8.4%	45.3%	24.9%	13.1%	3.8%	4.5%
Q1d The availability of transit options and coverage within the cities/towns	4.8%	17.7%	24.5%	20.8%	15.0%	17.2%
Q1e The availability of transit options and coverage between cities/towns	4.3%	13.6%	23.9%	21.3%	18.2%	18.6%
Q1f The amount of truck traffic	5.2%	26.1%	38.7%	16.6%	7.9%	5.6%
Q1g The effect that the transportation system has on your safety	7.4%	36.1%	34.6%	11.5%	2.8%	7.6%
Q1h The effect that the current level of traffic congestion has on the environment	5.3%	18.7%	32.1%	26.1%	10.5%	7.4%
Q1i The availability of bicycle lanes and facilities	6.3%	12.2%	21.9%	24.4%	22.1%	13.1%

Q1. Please rate your satisfaction with the following: (excluding don't know)

(N=1195)

	Very Satisfied 5	Satisfied 4	Neutral 3	Dissatisfied 2	Very Dissatisfied 1
Q1a The flow of traffic on highways and major roads	12.7%	51.5%	24.3%	8.9%	2.6%
Q1b The maintenance of current roads within the cities/towns	6.3%	32.8%	27.4%	24.2%	9.2%
Q1c The maintenance of current roads between the cities/towns	8.8%	47.4%	26.1%	13.7%	4.0%
Q1d The availability of transit options and coverage within the cities/towns	5.8%	21.4%	29.6%	25.2%	18.1%
Q1e The availability of transit options and coverage between cities/towns	5.2%	16.8%	29.4%	26.2%	22.4%
Q1f The amount of truck traffic	5.5%	27.7%	41.0%	17.6%	8.3%
Q1g The effect that the transportation system has on your safety	8.0%	39.0%	37.5%	12.5%	3.0%
Q1h The effect that the current level of traffic congestion has on the environment	5.7%	20.1%	34.7%	28.2%	11.3%
Q1i The availability of bicycle lanes and facilities	7.2%	14.1%	25.2%	28.1%	25.4%

Q2. Which THREE of the items in Question #1 do you think are the most important Transportation issues over the next ten years?

Q2 Most important	Number	Percent
A=Traffic flow on highways and major roads	266	22.3 %
B=Maintenance of current roads within cities/t...	223	18.7 %
C=Maintenance of current roads between citie...	80	6.7 %
D=Availability of transit options and coverage ...	131	11.0 %
E=Availability of transit options and coverage ...	76	6.4 %
F=The amount of truck traffic	70	5.9 %
G=Effect that the transportation system has on...	71	5.9 %
H=Effect that the current level of traffic conges...	101	8.5 %
I=Availability of bicycle lanes and facilities	70	5.9 %
Z=None chosen	107	9.0 %
Total	1195	100.0 %

Q2. Which THREE of the items in Question #1 do you think are the most important Transportation issues over the next ten years?

Q2 Second most important	Number	Percent
A=Traffic flow on highways and major roads	66	5.5 %
B=Maintenance of current roads within cities/t...	191	16.0 %
C=Maintenance of current roads between citie...	199	16.7 %
D=Availability of transit options and coverage ...	82	6.9 %
E=Availability of transit options and coverage ...	147	12.3 %
F=The amount of truck traffic	85	7.1 %
G=Effect that the transportation system has on...	73	6.1 %
H=Effect that the current level of traffic conges...	110	9.2 %
I=Availability of bicycle lanes and facilities	64	5.4 %
Z=None chosen	178	14.9 %
Total	1195	100.0 %

Q2. Which THREE of the items in Question #1 do you think are the most important Transportation issues over the next ten years?

Q2 Third most important	Number	Percent
A=Traffic flow on highways and major roads	87	7.3 %
B=Maintenance of current roads within cities/t...	93	7.8 %
C=Maintenance of current roads between citie...	124	10.4 %
D=Availability of transit options and coverage ...	68	5.7 %
E=Availability of transit options and coverage ...	96	8.0 %
F=The amount of truck traffic	97	8.1 %
G=Effect that the transportation system has on...	111	9.3 %
H=Effect that the current level of traffic conges...	121	10.1 %
I=Availability of bicycle lanes and facilities	135	11.3 %
Z=None chosen	263	22.0 %
Total	1195	100.0 %

Q2. Which THREE of the items in Question #1 do you think are the most important Transportation issues over the next ten years? (Top 3)

Q2 Most important	Number	Percent
A = Traffic flow on highways and major roads	419	35.1 %
B = Maintenance of current roads within cities/towns	507	42.4 %
C = Maintenance of current roads between cities/t...	403	33.7 %
D = Availability of transit options and coverage wit...	281	23.5 %
E = Availability of transit options and coverage bet...	319	26.7 %
F = The amount of truck traffic	252	21.1 %
G = Effect that the transportation system has on yo...	255	21.3 %
H = Effect that the current level of traffic congestio...	332	27.8 %
I = Availability of bicycle lanes and facilities	269	22.5 %
Z = None chosen	107	9.0 %
Total	3144	

Q3. Do you work outside the home? (excluding no response)

<u>Q3 Do you work outside the home?</u>	<u>Number</u>	<u>Percent</u>
1=Yes	707	59.9 %
2=No	474	40.1 %
Total	1181	100.0 %

Q3a-A. If yes, how far is your daily commute to work in miles?

Q3a-A How far is your daily commute to work in miles?

	<u>Number</u>	<u>Percent</u>
1	34	5.1 %
2	33	5.0 %
3	37	5.6 %
4	22	3.3 %
5	70	10.5 %
6 to 10	119	17.9 %
11 to 15	78	11.7 %
16 to 20	63	9.5 %
21 to 30	105	15.8 %
more than 30	103	15.5 %
Total	664	100.0 %

Q3a-A. If yes, how far is your daily commute to work in miles?

Mean = 16.72

Q3a-B. If yes, how far is your daily commute to work in minutes?

Q3a-B How far is your daily commute to work in minutes?

	Number	Percent
5 or less	47	7.1 %
6 to 10	107	16.2 %
11 to 15	116	17.5 %
16 to 20	149	22.5 %
21 to 30	70	10.6 %
31 to 40	78	11.8 %
41 to 50	60	9.1 %
51 to 60	23	3.5 %
<u>more than 60</u>	<u>12</u>	<u>1.8 %</u>
Total	662	100.0 %

Q3a-B. If yes, how far is your daily commute to work in minutes?

Mean = 24.57

Q3b. If yes, how much time would you save on your one-way trip to work, if there was no traffic congestion?

Q3b If yes, how much time would you save on your one-way trip to work, if there was no traffic congestion?

	Number	Percent
1	105	18.0 %
2	44	7.5 %
3	31	5.3 %
4	9	1.5 %
5	147	25.2 %
6 to 10	155	26.6 %
11 to 15	50	8.6 %
16 to 20	20	3.4 %
21+	22	3.8 %
Total	583	100.0 %

Q3b. If yes, how much time would you save on your one-way trip to work, if there was no traffic congestion?

Mean = 7.39

Q4. What method of transportation do you typically use to get to and from routine destinations, including work? (excluding no response)

<u>Q4 Transportation methods</u>	<u>Number</u>	<u>Percent</u>
1 = Car, truck, SUV	1143	95.6 %
2 = Bus	30	2.5 %
3 = Walk	51	4.3 %
4 = Bicycle	26	2.2 %
5 = Carpool/Vanpool	27	2.3 %
6 = Taxi	8	0.7 %
7 = Motorcycle	20	1.7 %
8 = Other	23	1.9 %
Total	1328	

Q5. How many vehicles are in your household?

<u>Q5 How many vehicles are in your household?</u>	<u>Number</u>	<u>Percent</u>
0=0	21	1.8 %
1=1	264	22.3 %
2=2	513	43.3 %
3=3	239	20.2 %
4=4	97	8.2 %
5=5	32	2.7 %
6=6+	18	1.5 %
Total	1184	100.0 %

Q5. How many vehicles are in your household?

Q5 How many vehicles are in your household?

Minimum = 0

Maximum = 9

Mean = 2.26

Median = 2

Standard Error Of The Mean = 0.03

Q6. Are you dependent on transit or friends and relatives to get you to where you want to go? (excluding no response)

<u>Q6 Dependent on transit or friends?</u>	<u>Number</u>	<u>Percent</u>
1=Yes	105	8.8 %
2=No	1084	91.2 %
Total	1189	100.0 %

Q7. If the 5-County area had a regional transit system that went to where you wanted to go when you wanted to go there, would you be likely to use the system to get to and from work, and for personal travel?

<u>Q7 Likely to use system?</u>	<u>Number</u>	<u>Percent</u>
1=Yes	630	52.7 %
2=No	385	32.2 %
3=Don't know	180	15.1 %
Total	1195	100.0 %

Q8. In the next 10 years, do you think the traffic congestion in your area will...

<u>Q8 In next ten years, traffic congestion will...</u>	<u>Number</u>	<u>Percent</u>
1=Get better	41	3.4 %
2=Stay about the same	179	15.0 %
3=Get a little worse	457	38.2 %
4=Get much worse	474	39.7 %
5=Don't know	44	3.7 %
Total	1195	100.0 %

Q9. How do each of the following factors contribute to transportation problems in your area?

(N=1195)

	Major Impact				No Impact	No response
	5	4	3	2	1	9
Q9a Too much truck traffic	14.1%	17.8%	32.8%	18.6%	15.5%	1.3%
Q9b Poor timing of traffic lights	20.5%	22.5%	25.6%	15.1%	14.9%	1.4%
Q9c Lack of alternatives to driving	22.1%	22.6%	25.1%	12.8%	15.4%	2.0%
Q9d Road construction	17.2%	21.5%	34.1%	15.6%	10.1%	1.5%
Q9e Not enough roads to serve developing area	10.7%	17.0%	28.1%	20.7%	21.5%	2.0%
Q9f Not enough north/south roads	6.7%	12.7%	29.7%	21.3%	27.4%	2.2%
Q9g Not enough east/west roads	7.4%	14.0%	29.0%	21.1%	26.5%	1.9%
Q9h Poorly planned development	17.4%	21.0%	25.9%	17.0%	16.7%	2.0%

Q9. How do each of the following factors contribute to transportation problems in your area? (excluding no response)

(N=1195)

	Major Impact				No Impact
	5	4	3	2	1
Q9a Too much truck traffic	14.2%	18.1%	33.2%	18.8%	15.7%
Q9b Poor timing of traffic lights	20.8%	22.8%	26.0%	15.3%	15.1%
Q9c Lack of alternatives to driving	22.5%	23.1%	25.6%	13.1%	15.7%
Q9d Road construction	17.4%	21.8%	34.7%	15.8%	10.3%
Q9e Not enough roads to serve developing area	10.9%	17.3%	28.7%	21.1%	21.9%
Q9f Not enough north/south roads	6.8%	13.0%	30.4%	21.7%	28.1%
Q9g Not enough east/west roads	7.6%	14.2%	29.6%	21.5%	27.0%
Q9h Poorly planned development	17.8%	21.4%	26.4%	17.3%	17.1%

Q10. Here are a number of potential solutions to ease travel in the future. Please choose the three solutions that would be the most effective in your opinion.

<u>Q10 Solutions to ease travel</u>	<u>Number</u>	<u>Percent</u>
01=Building new highways and major roads	133	11.1 %
02=Building other new connecting roads	123	10.3 %
03=Widening existing roads	280	23.4 %
04=Adding improved bus transit	150	12.6 %
05=Adding rail transit	122	10.2 %
06=Improving existing intersections, traffic sign...	156	13.1 %
07=Better coordination between development ...	79	6.6 %
08=Reducing car volume by encouraging car p...	41	3.4 %
09=Improving bicycle ways or pedestrian facili...	39	3.3 %
10=Overhead message boards	35	2.9 %
99=None chosen	37	3.1 %
Total	1195	100.0 %

Q10. Here are a number of potential solutions to ease travel in the future. Please choose the three solutions that would be the most effective in your opinion.

<u>Q10 Second solution</u>	<u>Number</u>	<u>Percent</u>
01=Building new highways and major roads	61	5.1 %
02=Building other new connecting roads	150	12.6 %
03=Widening existing roads	191	16.0 %
04=Adding improved bus transit	157	13.1 %
05=Adding rail transit	132	11.0 %
06=Improving existing intersections, traffic sign...	192	16.1 %
07=Better coordination between development ...	98	8.2 %
08=Reducing car volume by encouraging car p...	58	4.9 %
09=Improving bicycle ways or pedestrian facili...	62	5.2 %
10=Overhead message boards	29	2.4 %
99=	65	5.4 %
Total	1195	100.0 %

Q10. Here are a number of potential solutions to ease travel in the future. Please choose the three solutions that would be the most effective in your opinion.

<u>Q10 Third solution</u>	<u>Number</u>	<u>Percent</u>
01=Building new highways and major roads	89	7.4 %
02=Building other new connecting roads	102	8.5 %
03=Widening existing roads	115	9.6 %
04=Adding improved bus transit	88	7.4 %
05=Adding rail transit	107	9.0 %
06=Improving existing intersections, traffic sign...	143	12.0 %
07=Better coordination between development ...	191	16.0 %
08=Reducing car volume by encouraging car p...	84	7.0 %
09=Improving bicycle ways or pedestrian facili...	117	9.8 %
10=Overhead message boards	56	4.7 %
99=	103	8.6 %
Total	1195	100.0 %

Q10. Here are a number of potential solutions to ease travel in the future. Please choose the three solutions that would be the most effective in your opinion.

<u>Q10 Solutions to ease travel</u>	<u>Number</u>	<u>Percent</u>
01 = Building new highways and major roads	283	23.7 %
02 = Building other new connecting roads	375	31.4 %
03 = Widening existing roads	586	49.0 %
04 = Adding improved bus transit	395	33.1 %
05 = Adding rail transit	361	30.2 %
06 = Improving existing intersections, traffic signals, ...	491	41.1 %
07 = Better coordination between development and...	368	30.8 %
08 = Reducing car volume by encouraging car pooling	183	15.3 %
09 = Improving bicycle ways or pedestrian facilities	218	18.2 %
10 = Overhead message boards	120	10.0 %
99 = None chosen	37	3.1 %
Total	3417	

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you?

(N=1195)

	Very Important 5	Important 4	Neutral 3	Not Important 2	Not at all Important 1	No response 9
Q11a The protection of water quality	63.0%	22.8%	9.0%	2.3%	1.7%	1.2%
Q11b The protection of air quality	60.9%	24.8%	10.1%	1.3%	2.0%	0.9%
Q11c Noise levels	27.7%	39.3%	23.8%	5.7%	2.5%	1.0%
Q11d The protection of local plant and animal life	38.5%	33.2%	19.9%	4.8%	2.5%	1.1%
Q11e Traffic disruption due to construction	19.6%	29.7%	35.1%	11.8%	2.3%	1.5%
Q11f Cost to taxpayers	47.3%	26.5%	18.9%	4.9%	1.6%	0.8%
Q11g Displacement of homes and businesses	32.6%	31.9%	26.1%	5.8%	2.5%	1.2%
Q11h Loss of farmland	40.0%	26.4%	21.6%	7.4%	3.4%	1.2%
Q11i Loss of parks & natural areas	40.3%	31.8%	19.8%	4.9%	2.2%	1.1%
Q11j Urban sprawl	24.9%	29.0%	31.4%	7.9%	4.6%	2.3%
Q11k Traffic safety	52.4%	34.2%	9.7%	1.6%	1.0%	1.1%
Q11l Climate change/ greenhouse gas emissions	36.7%	26.9%	20.3%	7.8%	7.2%	1.3%

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? (excluding no response)

(N=1195)

	Very Important 5	Important 4	Neutral 3	Not Important 2	Not at all Important 1
Q11a The protection of water quality	63.8%	23.1%	9.1%	2.3%	1.7%
Q11b The protection of air quality	61.5%	25.0%	10.2%	1.3%	2.0%
Q11c Noise levels	28.0%	39.7%	24.0%	5.7%	2.5%
Q11d The protection of local plant and animal life	38.9%	33.6%	20.1%	4.8%	2.5%
Q11e Traffic disruption due to construction	19.9%	30.2%	35.6%	12.0%	2.4%
Q11f Cost to taxpayers	47.6%	26.7%	19.1%	5.0%	1.6%
Q11g Displacement of homes and businesses	32.9%	32.3%	26.4%	5.8%	2.5%
Q11h Loss of farmland	40.5%	26.7%	21.8%	7.5%	3.5%
Q11i Loss of parks & natural areas	40.7%	32.1%	20.1%	4.9%	2.2%
Q11j Urban sprawl	25.4%	29.6%	32.1%	8.1%	4.7%
Q11k Traffic safety	53.0%	34.6%	9.8%	1.6%	1.0%
Q11l Climate change/greenhouse gas emissions	37.1%	27.2%	20.5%	7.9%	7.3%

Q12. Transportation improvements are critical, but also costly. The funding for transportation improvements can come from several sources. Which of the following sources of funding would you most support?

(N=1195)

	Very Supportive 4	Supportive 3	Neutral 2	Not Supportive 1	Don't Know 9
Q12a Increase the gas tax	11.1%	21.1%	14.5%	50.0%	3.3%
Q12b Use of tolls	15.3%	31.5%	20.7%	29.5%	2.9%
Q12c Increase vehicle registration fees	6.4%	19.7%	21.7%	49.1%	3.0%
Q12d Apply a usage fee so that the more you drive, the higher the fee	12.1%	18.9%	16.8%	47.5%	4.7%
Q12e Apply a road impact fee for new developments	23.5%	29.4%	18.1%	22.4%	6.6%
Q12f Sales tax increase	6.2%	17.7%	20.0%	53.1%	3.0%
Q12g Apply a congestion fee so that when you drive in rush hour, the fee is higher	7.4%	13.9%	17.2%	56.1%	5.4%
Q12h Property tax increase	1.7%	7.3%	14.8%	73.0%	3.3%

Q12. Transportation improvements are critical, but also costly. The funding for transportation improvements can come from several sources. Which of the following sources of funding would you most support? (excluding don't know)

(N=1195)

	Very Supportive 4	Supportive 3	Neutral 2	Not Supportive 1
Q12a Increase the gas tax	11.5%	21.8%	15.0%	51.7%
Q12b Use of tolls	15.8%	32.5%	21.3%	30.4%
Q12c Increase vehicle registration fees	6.6%	20.4%	22.3%	50.6%
Q12d Apply a usage fee so that the more you drive, the higher the fee	12.6%	19.8%	17.6%	49.9%
Q12e Apply a road impact fee for new developments	25.2%	31.5%	19.4%	24.0%
Q12f Sales tax increase	6.4%	18.2%	20.6%	54.8%
Q12g Apply a congestion fee so that when you drive in rush hour, the fee is higher	7.9%	14.7%	18.2%	59.2%
Q12h Property tax increase	1.7%	7.5%	15.3%	75.4%

Q13. Which THREE of the funding sources in Question #12 do you most support?

<u>Q13 Most support</u>	<u>Number</u>	<u>Percent</u>
A=Increase gas tax	190	15.9 %
B=Use of tolls	264	22.1 %
C=Increase vehicle registration fees	50	4.2 %
D=Apply usage fee so that the more you drive...	133	11.1 %
E=Apply road impact fee for new developments	249	20.8 %
F=Sales tax increase	64	5.4 %
G=Apply congestion fee so that when you driv...	36	3.0 %
H=Property tax increase	22	1.8 %
Z=None chosen	187	15.6 %
Total	1195	100.0 %

Q13. Which THREE of the funding sources in Question #12 do you most support?

<u>Q13 Second most support</u>	<u>Number</u>	<u>Percent</u>
A=Increase gas tax	72	6.0 %
B=Use of tolls	172	14.4 %
C=Increase vehicle registration fees	110	9.2 %
D=Apply usage fee so that the more you drive...	131	11.0 %
E=Apply road impact fee for new developments	196	16.4 %
F=Sales tax increase	91	7.6 %
G=Apply congestion fee so that when you driv...	97	8.1 %
H=Property tax increase	24	2.0 %
Z=	302	25.3 %
Total	1195	100.0 %

Q13. Which THREE of the funding sources in Question #12 do you most support?

Q13 Third most support	Number	Percent
A=Increase gas tax	79	6.6 %
B=Use of tolls	99	8.3 %
C=Increase vehicle registration fees	94	7.9 %
D=Apply usage fee so that the more you drive...	80	6.7 %
E=Apply road impact fee for new developments	145	12.1 %
F=Sales tax increase	84	7.0 %
G=Apply congestion fee so that when you driv...	101	8.5 %
H=Property tax increase	46	3.8 %
Z=	467	39.1 %
Total	1195	100.0 %

Q13. Which THREE of the funding sources in Question #12 do you most support? (Top 3)

Q13 Most support	Number	Percent
A = Increase gas tax	341	28.5 %
B = Use of tolls	535	44.8 %
C = Increase vehicle registration fees	254	21.3 %
D = Apply usage fee so that the more you drive, th...	344	28.8 %
E = Apply road impact fee for new developments	590	49.4 %
F = Sales tax increase	239	20.0 %
G = Apply congestion fee so that when you drive in...	234	19.6 %
H = Property tax increase	92	7.7 %
Z = None chosen	187	15.6 %
Total	2816	

Q14. Should more emphasis be placed on maintaining the existing transportation system than on expanding it?

Q14 More emphasis on the existing or expanding?	Number	Percent
1=Yes	763	63.8 %
2=No	249	20.8 %
3=Don't know	183	15.3 %
Total	1195	100.0 %

Q15. Please rate your level of agreement with the following statements:

(N=1195)

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Don't Know 9
Q15a The region's current transit services can serve most resident's basic mobility needs	9.8%	29.9%	17.8%	17.2%	13.9%	11.5%
Q15b Special transportation services for the elderly and the disabled are adequate	6.5%	18.0%	16.7%	22.3%	12.9%	23.5%
Q15c The impact of transportation projects on air and water quality, natural areas and wildlife, and climate change should be minimized	26.8%	33.1%	20.9%	7.4%	5.6%	6.3%
Q15d Transportation projects should promote healthy lifestyles like biking and walking	30.1%	35.6%	19.6%	6.6%	4.3%	3.8%
Q15e The region should promote projects that enhance Kansas City's role as a hub for freight transportation	16.7%	35.0%	26.6%	7.2%	4.8%	9.8%
Q15f Transportation projects that reduce the region's dependency on oil should be a priority	34.7%	36.5%	16.1%	4.7%	3.1%	4.9%
Q15g The region should build a rail transit system like light rail and/or commuter rail	25.9%	25.0%	19.3%	10.0%	11.4%	8.4%
Q15h There should be a regional bus transit system	25.6%	32.8%	21.8%	6.0%	6.5%	7.2%
Q15i New highways should be built in outlying areas	10.5%	18.6%	31.0%	19.3%	10.0%	10.5%

Q15. Please rate your level of agreement with the following statements: (excluding don't know)

(N=1195)

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1
Q15a The region's current transit services can serve most resident's basic mobility needs	11.1%	33.8%	20.1%	19.4%	15.7%
Q15b Special transportation services for the elderly and the disabled are adequate	8.5%	23.5%	21.9%	29.2%	16.8%
Q15c The impact of transportation projects on air and water quality, natural areas and wildlife, and climate change should be minimized	28.6%	35.3%	22.3%	7.9%	6.0%
Q15d Transportation projects should promote healthy lifestyles like biking and walking	31.3%	37.0%	20.3%	6.9%	4.4%
Q15e The region should promote projects that enhance Kansas City's role as a hub for freight transportation	18.5%	38.8%	29.5%	8.0%	5.3%
Q15f Transportation projects that reduce the region's dependency on oil should be a priority	36.5%	38.4%	16.9%	4.9%	3.3%
Q15g The region should build a rail transit system like light rail and/or commuter rail	28.2%	27.3%	21.1%	11.0%	12.4%
Q15h There should be a regional bus transit system	27.6%	35.3%	23.5%	6.5%	7.0%
Q15i New highways should be built in outlying areas	11.7%	20.8%	34.7%	21.6%	11.2%

Q16. Does the movement of freight negatively affect your travel?

<u>Q16 Movement of freight negatively affect travel?</u>	<u>Number</u>	<u>Percent</u>
1=Yes	216	18.1 %
2=No	879	73.6 %
3=Don't know	100	8.4 %
Total	1195	100.0 %

Q17. From which of the following do you receive news and information about the region?

Q17 Information sources	Number	Percent
01 = Government access channel	167	14.0 %
02 = Brochures	137	11.5 %
03 = Local newspaper	842	70.5 %
04 = Community newsletters	267	22.3 %
05 = Radio	624	52.2 %
06 = Television	974	81.5 %
07 = Websites	441	36.9 %
08 = Social networking/Twitter	87	7.3 %
09 = Word of mouth	563	47.1 %
10 = Public meetings	145	12.1 %
11 = Other	22	1.8 %
99 = None chosen	8	0.7 %
Total	4277	

Q17. Other

Q17 Other

CONSTRUCTON
 DIRECT MAIL
 EMAILS
 EMPLOYED BA CITY
 FOX NEWS CHANNEL
 INTERNET
 KC STAR
 MAIL
 MAILINGS
 METRO
 NATIONAL NEWSPAPERS
 NPR
 NPR
 OFFICIALS NEWSLETTRS
 OLATHE SUN NEWS
 PUBLIC TV
 READ A LOT
 STATE FEDERAL
 WEBSITE

Q18. Counting yourself, how many people live in your household?

Q18 How many live in household?	Number	Percent
01=1	209	17.7 %
02=2	501	42.3 %
03=3	172	14.5 %
04=4	169	14.3 %
05=5 or more	133	11.2 %
Total	1184	100.0 %

Q19. Counting yourself, how many people in your household are:

	Mean	Total	Sum
number	2.65	1187	3141
Under age 5	0.16	1187	185
Ages 5-9	0.18	1187	215
Ages 10-14	0.17	1187	196
Ages 15-19	0.19	1187	220
Ages 20-24	0.12	1187	139
Ages 25-34	0.23	1187	277
Ages 35-44	0.30	1187	358
Ages 45-54	0.44	1187	519
Ages 55-64	0.41	1187	490
Ages 65-74	0.26	1187	312
Ages 75+	0.19	1187	230

Q20. How long have you lived in the 5-County area?

<u>Q20 How long lived in 5-County area?</u>	<u>Number</u>	<u>Percent</u>
3 or fewer years	72	6.0 %
4-5 years	58	4.9 %
6-10 years	146	12.2 %
11-15 years	98	8.2 %
16-20 years	102	8.5 %
21-30 years	159	13.3 %
More than 30 years	537	44.9 %
Total	1172	98.1 %

Q21. Are you or other members of your household of Hispanic or Latino ancestry? (excluding no response)

<u>Q21 Hispanic or Latino ancestry?</u>	<u>Number</u>	<u>Percent</u>
1=Yes	78	6.6 %
2=No	1101	93.4 %
Total	1179	100.0 %

Q22. Which of the following best describes your race? (excluding no response)

<u>Q22 Which describes your race?</u>	<u>Number</u>	<u>Percent</u>
1 = African American/Black	82	6.9 %
2 = American Indian or Alaska Native	20	1.7 %
3 = Asian, Hawaiian or Other Pacific Islander	21	1.8 %
4 = White	1014	84.9 %
5 = Other	58	4.9 %
Total	1195	

Q22. Other

<u>Q22 Other</u>	<u>Number</u>	<u>Percent</u>
HISPANIC	33	68.8 %
INDIAN (INDIA)	1	2.1 %
MULTI RACIAL	1	2.1 %
MIDDLE EASTERN	1	2.1 %
HUMAN	1	2.1 %
MEXICAN AMERICAN	2	4.2 %
MIXED	1	2.1 %
LATINO	2	4.2 %
AMERICAN	2	4.2 %
FRENCH IRISH INDIAN	1	2.1 %
CUBAN	1	2.1 %
MUTO	1	2.1 %
AMERICAN INDIAN	1	2.1 %
Total	48	100.0 %

Q23. Please indicate your total annual household income?

<u>Q23 Total annual household income</u>	<u>Number</u>	<u>Percent</u>
1=Under \$15,000	66	5.5 %
2=\$15,000-\$29,999	131	11.0 %
3=\$30,000-\$59,999	320	26.8 %
4=\$60,000-\$99,999	300	25.1 %
5=\$100,000 or more	236	19.7 %
9=No response	142	11.9 %
Total	1195	100.0 %

Q24. Respondent's gender

<u>Q24 Respondent's gender</u>	<u>Number</u>	<u>Percent</u>
1=Male	585	49.0 %
2=Female	610	51.0 %
Total	1195	100.0 %

Q25. County

<u>County</u>	<u>Number</u>	<u>Percent</u>
Douglas County	243	20.3 %
Johnson County	209	17.5 %
Leavenworth County	284	23.8 %
Miami County	243	20.3 %
Wyandotte County	215	18.0 %
Total	1194	99.9 %

Section 4:

Cross-Tabular Data by County

Excluding Don't Knows

Q1. Please rate your satisfaction with the following: (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q1a The flow of traffic on highways and major roads</u>						
5=Very Satisfied	16.0%	6.9%	8.8%	16.2%	15.7%	12.7%
4=Satisfied	46.8%	48.0%	65.6%	50.9%	42.6%	51.5%
3=Neutral	20.3%	34.7%	17.2%	26.9%	25.0%	24.3%
2=Dissatisfied	13.9%	7.9%	5.9%	6.0%	11.8%	8.9%
1=Very Dissatisfied	3.0%	2.5%	2.6%	0.0%	4.9%	2.6%
<u>Q1b The maintenance of current roads within the cities/towns</u>						
5=Very Satisfied	4.2%	10.3%	4.8%	5.6%	7.8%	6.3%
4=Satisfied	19.1%	47.3%	34.1%	34.8%	30.7%	32.8%
3=Neutral	33.9%	28.1%	23.1%	26.2%	26.3%	27.4%
2=Dissatisfied	28.0%	12.3%	30.0%	24.5%	23.4%	24.2%
1=Very Dissatisfied	14.8%	2.0%	8.1%	9.0%	11.7%	9.2%

Excluding Don't Knows

Q1. Please rate your satisfaction with the following: (excluding don't know)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q1c The maintenance of current roads between the cities/towns</u>						
5=Very Satisfied	12.0%	7.5%	5.9%	12.1%	6.4%	8.8%
4=Satisfied	47.6%	50.7%	51.1%	45.3%	41.6%	47.4%
3=Neutral	24.5%	31.3%	23.2%	23.7%	29.2%	26.1%
2=Dissatisfied	12.4%	9.5%	14.7%	14.7%	16.8%	13.7%
1=Very Dissatisfied	3.4%	1.0%	5.1%	4.3%	5.9%	4.0%
<u>Q1d The availability of transit options and coverage within the cities/towns</u>						
5=Very Satisfied	6.8%	3.9%	3.3%	6.3%	9.5%	5.8%
4=Satisfied	35.7%	17.4%	17.8%	14.6%	20.7%	21.4%
3=Neutral	27.1%	29.8%	29.8%	38.0%	22.5%	29.6%
2=Dissatisfied	24.2%	29.8%	26.9%	21.4%	23.7%	25.2%
1=Very Dissatisfied	6.3%	19.1%	22.3%	19.8%	23.7%	18.1%

Excluding Don't Knows

Q1. Please rate your satisfaction with the following: (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q1e The availability of transit options and coverage between cities/towns</u>						
5=Very Satisfied	5.0%	4.1%	3.3%	6.7%	7.8%	5.2%
4=Satisfied	22.6%	16.9%	14.2%	13.5%	17.4%	16.8%
3=Neutral	29.1%	32.0%	27.5%	32.6%	25.7%	29.4%
2=Dissatisfied	25.1%	27.9%	30.0%	24.9%	22.2%	26.2%
1=Very Dissatisfied	18.1%	19.2%	25.0%	22.3%	26.9%	22.4%
<u>Q1f The amount of truck traffic</u>						
5=Very Satisfied	5.7%	6.1%	4.1%	5.2%	6.9%	5.5%
4=Satisfied	26.0%	28.4%	28.3%	27.7%	27.7%	27.7%
3=Neutral	39.6%	44.2%	41.3%	40.7%	39.6%	41.0%
2=Dissatisfied	18.9%	15.7%	18.2%	18.2%	16.3%	17.6%
1=Very Dissatisfied	9.7%	5.6%	8.2%	8.2%	9.4%	8.3%

Excluding Don't Knows

Q1. Please rate your satisfaction with the following: (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q1g The effect that the transportation system has on your safety</u>						
5=Very Satisfied	5.9%	10.3%	4.2%	4.8%	16.8%	8.0%
4=Satisfied	37.6%	37.9%	41.0%	39.5%	38.6%	39.1%
3=Neutral	38.0%	36.9%	36.4%	43.0%	33.0%	37.5%
2=Dissatisfied	14.9%	13.3%	14.6%	8.8%	10.2%	12.4%
1=Very Dissatisfied	3.6%	1.5%	3.8%	3.9%	1.5%	3.0%
<u>Q1h The effect that the current level of traffic congestion has on the environment</u>						
5=Very Satisfied	5.7%	4.0%	5.6%	5.4%	7.9%	5.7%
4=Satisfied	16.2%	16.0%	24.4%	23.5%	19.5%	20.1%
3=Neutral	26.3%	38.0%	38.0%	42.1%	27.9%	34.7%
2=Dissatisfied	35.5%	32.5%	25.2%	19.5%	28.9%	28.2%
1=Very Dissatisfied	16.2%	9.5%	6.8%	9.5%	15.8%	11.3%

Excluding Don't Knows

Q1. Please rate your satisfaction with the following: (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q1i The availability of bicycle lanes and facilities</u>						
5=Very Satisfied	10.9%	5.4%	6.8%	7.4%	5.1%	7.2%
4=Satisfied	23.1%	14.1%	12.0%	11.3%	9.0%	14.1%
3=Neutral	22.2%	21.7%	30.0%	31.4%	18.5%	25.2%
2=Dissatisfied	29.4%	37.0%	22.4%	25.0%	29.2%	28.1%
1=Very Dissatisfied	14.5%	21.7%	28.8%	25.0%	38.2%	25.4%

Q2. Which THREE of the items in Question #1 do you think are the most important Transportation issues over the next ten years? (Top 3)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q2 Most important</u>						
A=Traffic flow on highways and major roads	30.5%	46.6%	36.3%	32.8%	29.4%	35.1%
B=Maintenance of current roads within cities/towns	46.9%	40.9%	41.2%	43.0%	40.2%	42.4%
C=Maintenance of current roads between cities/towns	25.1%	29.3%	44.0%	42.2%	24.8%	33.7%
D=Availability of transit options and coverage within cities/towns	25.5%	23.1%	22.5%	18.4%	29.0%	23.5%
E=Availability of transit options and coverage between cities/towns	30.0%	22.6%	26.1%	27.9%	26.2%	26.7%
F=The amount of truck traffic	20.6%	16.3%	20.4%	27.9%	19.2%	21.1%

Q2. Which THREE of the items in Question #1 do you think are the most important Transportation issues over the next ten years? (Top 3)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q2 Most important (Cont.)

G=Effect that the transportation system has on your safety	19.3%	24.0%	21.8%	20.9%	20.6%	21.3%
H=Effect that the current level of traffic congestion has on the environment	30.0%	35.6%	21.1%	25.4%	29.4%	27.8%
I=Availability of bicycle lanes and facilities	21.4%	20.7%	21.1%	20.1%	29.9%	22.5%
Z=None chosen	9.5%	6.7%	9.9%	8.2%	10.3%	9.0%

Excluding No Response

Q3. Do you work outside the home? (excluding no response)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q3 Do you work outside the home?

1=Yes	61.8%	70.4%	58.5%	53.1%	56.9%	59.9%
2=No	38.2%	29.6%	41.5%	46.9%	43.1%	40.1%

Q3a-A. If yes, how far is your daily commute to work in miles?

N=706

	<u>County</u>					<u>Total</u>
	<u>Douglas County</u>	<u>Johnson County</u>	<u>Leavenworth County</u>	<u>Miami County</u>	<u>Wyandotte County</u>	
<u>Q3a-A How far is your daily commute to work in miles?</u>						
1	8.7%	5.0%	4.3%	5.0%	1.9%	5.1%
2	10.1%	2.2%	6.8%	1.7%	2.9%	5.0%
3	8.7%	5.0%	6.8%	4.1%	1.9%	5.6%
4	5.8%	4.3%	2.5%	2.5%	1.0%	3.3%
5	13.8%	11.5%	8.7%	5.0%	14.3%	10.5%
6 to 10	10.9%	27.3%	20.5%	7.4%	22.9%	17.9%
11 to 15	5.1%	15.8%	11.8%	8.3%	19.0%	11.7%
16 to 20	8.7%	10.8%	7.5%	5.8%	16.2%	9.5%
21 to 30	12.3%	8.6%	16.1%	28.1%	15.2%	15.8%
more than 30	15.9%	9.4%	14.9%	32.2%	4.8%	15.5%

Q3a-B. If yes, how far is your daily commute to work in minutes?

N=706

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q3a-B How far is your daily commute to work in minutes?

5 or less	8.0%	5.1%	8.3%	9.8%	3.6%	7.1%
6 to 10	21.2%	16.9%	18.5%	8.2%	14.5%	16.2%
11 to 15	22.6%	19.9%	15.3%	7.4%	22.7%	17.5%
16 to 20	16.1%	29.4%	22.3%	16.4%	29.1%	22.5%
21 to 30	8.0%	11.0%	10.2%	12.3%	11.8%	10.6%
31 to 40	5.1%	8.8%	12.7%	22.1%	10.9%	11.8%
41 to 50	12.4%	4.4%	8.9%	13.9%	5.5%	9.1%
51 to 60	4.4%	2.9%	3.2%	4.9%	1.8%	3.5%
more than 60	2.2%	1.5%	0.6%	4.9%	0.0%	1.8%

Q3b. If yes, how much time would you save on your one-way trip to work, if there was no traffic congestion?

N=706

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q3b If yes, how much time would you save on your one-way trip to work, if there was no traffic congestion?

1	17.9%	15.3%	23.0%	23.3%	10.0%	18.0%
2	7.3%	7.6%	11.9%	5.8%	4.0%	7.5%
3	8.9%	3.8%	4.8%	2.9%	6.0%	5.3%
4	0.8%	1.5%	3.2%	0.0%	2.0%	1.5%
5	19.5%	25.2%	25.4%	23.3%	34.0%	25.2%
6 to 10	26.8%	32.1%	20.6%	26.2%	27.0%	26.6%
11 to 15	10.6%	7.6%	7.1%	8.7%	9.0%	8.6%
16 to 20	2.4%	3.1%	2.4%	4.9%	5.0%	3.4%
21+	5.7%	3.8%	1.6%	4.9%	3.0%	3.8%

Excluding No Response

Q4. What method of transportation do you typically use to get to and from routine destinations, including work? (excluding no response)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q4 Transportation methods</u>						
1=Car, truck, SUV	95.9%	96.2%	96.8%	96.7%	92.5%	95.6%
2=Bus	2.9%	1.9%	0.7%	0.4%	7.0%	2.5%
3=Walk	9.5%	3.8%	3.2%	1.2%	3.7%	4.3%
4=Bicycle	5.3%	1.4%	2.5%	0.4%	0.9%	2.2%
5=Carpool/Vanpool	0.4%	1.9%	1.8%	3.7%	3.7%	2.3%
6=Taxi	0.8%	1.0%	0.7%	0.8%	0.0%	0.7%
7=Motorcycle	2.9%	0.0%	1.8%	1.2%	2.3%	1.7%
8=Other	1.6%	1.0%	1.8%	2.5%	2.8%	1.9%

Q5. How many vehicles are in your household?

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q5 How many vehicles are in your household?

0=0	1.7%	1.5%	1.4%	1.2%	2.9%	1.8%
1=1	27.7%	18.4%	18.4%	15.7%	32.9%	22.3%
2=2	46.3%	56.8%	37.6%	38.0%	41.0%	43.3%
3=3	16.5%	13.1%	27.7%	25.6%	15.2%	20.2%
4=4	3.7%	6.8%	9.9%	13.6%	5.7%	8.2%
5=5	3.3%	2.4%	3.2%	2.5%	1.9%	2.7%
6=6+	0.8%	1.0%	1.8%	3.3%	0.5%	1.5%

Excluding No Response

Q6. Are you dependent on transit or friends and relatives to get you to where you want to go? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q6 Dependent on transit or friends?</u>						
1=Yes	7.1%	5.3%	8.1%	6.6%	17.4%	8.8%
2=No	92.9%	94.7%	91.9%	93.4%	82.6%	91.2%

Q7. If the 5-County area had a regional transit system that went to where you wanted to go when you wanted to go there, would you be likely to use the system to get to and from work, and for personal travel?

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q7 Likely to use system?</u>						
1=Yes	55.1%	55.3%	44.0%	47.1%	65.0%	52.7%
2=No	32.9%	28.8%	37.0%	34.8%	25.7%	32.2%
3=Don't know	11.9%	15.9%	19.0%	18.0%	9.3%	15.1%

Q8. In the next 10 years, do you think the traffic congestion in your area will...

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q8 In next ten years, traffic congestion will...

1=Get better	4.1%	1.4%	2.1%	0.4%	9.8%	3.4%
2=Stay about the same	11.9%	13.9%	14.1%	18.0%	17.3%	15.0%
3=Get a little worse	39.1%	41.8%	41.9%	39.3%	28.0%	38.2%
4=Get much worse	41.6%	40.9%	39.1%	38.9%	37.4%	39.7%
5=Don't know	3.3%	1.9%	2.8%	3.3%	7.5%	3.7%

Excluding No Response

Q9. How do each of the following factors contribute to transportation problems in your area? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q9a Too much truck traffic</u>						
5=Major Impact	15.0%	13.2%	12.0%	14.6%	17.0%	14.1%
4=	21.7%	17.6%	16.6%	19.7%	14.6%	17.8%
3=	32.5%	33.3%	33.9%	35.1%	30.7%	32.8%
2=	17.9%	25.0%	19.4%	16.3%	15.6%	18.6%
1=No Impact	12.9%	10.8%	18.0%	14.2%	22.2%	15.5%
<u>Q9b Poor timing of traffic lights</u>						
5=Major Impact	23.4%	23.3%	19.5%	11.3%	28.1%	20.5%
4=	23.8%	26.2%	24.1%	20.1%	20.0%	22.5%
3=	27.6%	23.8%	28.0%	27.2%	22.4%	25.6%
2=	15.9%	17.5%	12.8%	17.2%	13.3%	15.1%
1=No Impact	9.2%	9.2%	15.6%	24.3%	16.2%	14.9%

Excluding No Response

Q9. How do each of the following factors contribute to transportation problems in your area? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q9c Lack of alternatives to driving</u>						
5=Major Impact	25.7%	23.9%	21.5%	17.6%	23.8%	22.1%
4=	21.9%	24.4%	20.4%	22.3%	27.6%	22.6%
3=	26.6%	26.8%	25.1%	26.5%	23.3%	25.1%
2=	12.7%	13.2%	17.6%	10.5%	10.5%	12.8%
1=No Impact	13.1%	11.7%	15.4%	23.1%	14.8%	15.4%
<u>Q9d Road construction</u>						
5=Major Impact	15.1%	15.0%	17.9%	9.6%	30.3%	17.2%
4=	18.4%	24.6%	18.6%	26.4%	22.3%	21.5%
3=	34.7%	40.1%	36.4%	34.3%	27.5%	34.1%
2=	19.2%	15.5%	18.2%	16.3%	8.5%	15.6%
1=No Impact	12.6%	4.8%	8.9%	13.4%	11.4%	10.1%

Excluding No Response

Q9. How do each of the following factors contribute to transportation problems in your area? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q9e Not enough roads to serve developing area</u>						
5=Major Impact	15.3%	9.3%	11.4%	7.5%	11.1%	10.7%
4=	19.5%	16.2%	15.7%	19.6%	15.9%	17.0%
3=	22.0%	29.4%	29.5%	32.1%	30.8%	28.1%
2=	23.3%	20.6%	22.4%	19.2%	18.8%	20.7%
1=No Impact	19.9%	24.5%	21.0%	21.7%	23.6%	21.5%
<u>Q9f Not enough north/south roads</u>						
5=Major Impact	7.2%	5.9%	9.0%	4.2%	7.7%	6.7%
4=	14.3%	13.7%	11.5%	11.4%	14.8%	12.7%
3=	27.8%	30.2%	30.8%	34.6%	28.2%	29.7%
2=	23.6%	24.4%	21.5%	19.4%	19.6%	21.3%
1=No Impact	27.0%	25.9%	27.2%	30.4%	29.7%	27.4%

Excluding No Response

Q9. How do each of the following factors contribute to transportation problems in your area? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q9g Not enough east/west roads</u>						
5=Major Impact	9.7%	5.4%	7.9%	7.1%	7.6%	7.4%
4=	18.1%	12.7%	12.9%	14.6%	12.9%	14.0%
3=	27.3%	27.0%	28.4%	35.4%	30.0%	29.0%
2=	20.2%	27.9%	24.1%	16.7%	18.6%	21.1%
1=No Impact	24.8%	27.0%	26.6%	26.3%	31.0%	26.5%
<u>Q9h Poorly planned development</u>						
5=Major Impact	21.4%	13.2%	20.8%	13.9%	18.7%	17.4%
4=	27.3%	20.0%	21.5%	18.5%	19.6%	21.0%
3=	21.4%	28.3%	27.2%	31.9%	23.0%	25.9%
2=	16.4%	22.0%	16.8%	17.2%	14.4%	17.0%
1=No Impact	13.4%	16.6%	13.6%	18.5%	24.4%	16.7%

Q10. Here are a number of potential solutions to ease travel in the future. Please choose the three solutions that would be the most effective in your opinion. (Sum of Top Three Solution Choices)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q10 Solutions to ease travel</u>						
01=Building new highways and major roads	28.4%	22.6%	23.2%	18.0%	26.6%	23.7%
02=Building other new connecting roads	35.0%	27.4%	34.5%	36.1%	21.5%	31.4%
03=Widening existing roads	39.1%	52.9%	47.5%	60.7%	45.3%	49.0%
04=Adding improved bus transit	33.7%	30.3%	32.4%	27.5%	42.5%	33.1%
05=Adding rail transit	31.3%	36.5%	25.4%	27.5%	31.8%	30.2%
06=Improving existing intersections, traffic signals, or turn lanes	38.3%	43.8%	49.6%	38.5%	33.6%	41.1%

Q10. Here are a number of potential solutions to ease travel in the future. Please choose the three solutions that would be the most effective in your opinion. (Sum of Top Three Solution Choices)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q10 Solutions to ease travel (Cont.)

07=Better coordination between development and transportation planning	35.0%	33.7%	30.6%	27.0%	27.6%	30.8%
08=Reducing car volume by encouraging car pooling	17.7%	17.8%	11.3%	15.2%	15.9%	15.3%
09=Improving bicycle ways or pedestrian facilities	23.9%	15.9%	15.5%	17.6%	18.2%	18.2%
10=Overhead message boards	6.6%	10.1%	9.9%	8.2%	16.4%	10.0%
99=None chosen	1.6%	1.0%	3.9%	4.1%	4.7%	3.1%

Excluding No Response

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q11a The protection of water quality</u>						
5=Very Important	70.3%	59.8%	58.9%	63.9%	66.2%	63.8%
4=Important	17.2%	27.9%	25.5%	25.7%	19.2%	23.1%
3=Neutral	8.8%	8.8%	11.7%	6.6%	9.4%	9.1%
2=Not Important	1.3%	2.5%	2.8%	2.5%	2.3%	2.3%
1=Not at all Important	2.5%	1.0%	1.1%	1.2%	2.8%	1.7%
<u>Q11b The protection of air quality</u>						
5=Very Important	68.8%	60.0%	55.7%	58.9%	65.4%	61.5%
4=Important	20.4%	29.3%	27.7%	25.7%	21.5%	25.0%
3=Neutral	9.2%	7.8%	13.5%	10.8%	8.9%	10.2%
2=Not Important	0.0%	1.5%	1.4%	2.5%	0.9%	1.3%
1=Not at all Important	1.7%	1.5%	1.8%	2.1%	3.3%	2.0%

Excluding No Response

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? (excluding no response)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q11c Noise levels</u>						
5=Very Important	31.0%	29.6%	24.5%	24.8%	31.1%	28.0%
4=Important	33.9%	44.2%	44.0%	40.1%	35.8%	39.7%
3=Neutral	25.1%	19.4%	25.2%	26.4%	23.1%	24.0%
2=Not Important	7.1%	4.9%	5.0%	5.8%	6.1%	5.7%
1=Not at all Important	2.9%	1.9%	1.4%	2.9%	3.8%	2.5%
<u>Q11d The protection of local plant and animal life</u>						
5=Very Important	47.9%	33.2%	33.1%	35.1%	46.3%	38.9%
4=Important	29.8%	36.6%	34.2%	36.8%	30.4%	33.6%
3=Neutral	14.7%	23.9%	23.9%	20.5%	17.3%	20.1%
2=Not Important	5.9%	5.9%	6.0%	4.2%	1.9%	4.8%
1=Not at all Important	1.7%	0.5%	2.8%	3.3%	4.2%	2.5%

Excluding No Response

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? (excluding no response)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q11e Traffic disruption due to construction</u>						
5=Very Important	16.0%	18.0%	19.6%	19.3%	27.1%	19.9%
4=Important	26.5%	32.7%	28.6%	31.1%	32.7%	30.2%
3=Neutral	36.1%	39.5%	37.5%	35.3%	29.4%	35.6%
2=Not Important	19.3%	8.3%	12.1%	11.3%	7.9%	12.0%
1=Not at all Important	2.1%	1.5%	2.1%	2.9%	2.8%	2.4%
<u>Q11f Cost to taxpayers</u>						
5=Very Important	43.6%	36.4%	50.5%	52.1%	54.7%	47.6%
4=Important	21.2%	37.4%	26.9%	28.3%	20.6%	26.7%
3=Neutral	26.6%	21.4%	16.6%	14.2%	17.3%	19.1%
2=Not Important	7.5%	3.4%	4.6%	4.2%	5.1%	5.0%
1=Not at all Important	1.2%	1.5%	1.4%	1.3%	2.3%	1.6%

Excluding No Response

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? (excluding no response)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q11g Displacement of homes and businesses</u>						
5=Very Important	35.3%	21.0%	35.8%	37.1%	33.2%	32.9%
4=Important	29.0%	34.6%	36.5%	28.3%	32.2%	32.3%
3=Neutral	24.4%	33.7%	22.3%	26.3%	27.6%	26.4%
2=Not Important	8.8%	8.3%	3.5%	5.0%	4.2%	5.8%
1=Not at all Important	2.5%	2.4%	1.8%	3.3%	2.8%	2.5%
<u>Q11h Loss of farmland</u>						
5=Very Important	40.4%	28.3%	44.7%	48.1%	38.5%	40.5%
4=Important	28.3%	26.8%	28.4%	25.1%	23.9%	26.7%
3=Neutral	20.0%	27.3%	19.1%	19.7%	24.9%	21.8%
2=Not Important	9.2%	13.2%	6.4%	3.3%	6.6%	7.5%
1=Not at all Important	2.1%	4.4%	1.4%	3.8%	6.1%	3.5%

Excluding No Response

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? (excluding no response)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q11i Loss of parks & natural areas</u>						
5=Very Important	46.6%	35.1%	39.2%	40.4%	41.6%	40.7%
4=Important	26.1%	38.5%	35.3%	27.1%	34.1%	32.1%
3=Neutral	18.9%	20.5%	19.4%	24.2%	17.3%	20.1%
2=Not Important	6.7%	3.4%	5.3%	4.6%	4.2%	4.9%
1=Not at all Important	1.7%	2.4%	0.7%	3.8%	2.8%	2.2%
<u>Q11j Urban sprawl</u>						
5=Very Important	31.2%	19.0%	26.9%	25.6%	23.4%	25.4%
4=Important	26.9%	34.1%	29.7%	30.7%	26.8%	29.6%
3=Neutral	25.6%	35.1%	31.9%	32.4%	36.8%	32.1%
2=Not Important	11.1%	7.8%	7.9%	8.0%	5.3%	8.1%
1=Not at all Important	5.1%	3.9%	3.6%	3.4%	7.7%	4.7%

Excluding No Response

Q11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? (excluding no response)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q11k Traffic safety</u>						
5=Very Important	52.3%	45.4%	55.2%	52.7%	58.4%	53.0%
4=Important	35.1%	43.4%	32.4%	32.4%	30.8%	34.6%
3=Neutral	9.6%	9.8%	8.9%	12.4%	8.4%	9.8%
2=Not Important	2.1%	1.0%	3.2%	0.8%	0.5%	1.6%
1=Not at all Important	0.8%	0.5%	0.4%	1.7%	1.9%	1.0%
<u>Q11l Climate change/greenhouse gas emissions</u>						
5=Very Important	47.7%	30.6%	28.5%	35.3%	44.9%	37.1%
4=Important	25.5%	29.1%	28.8%	24.8%	27.6%	27.2%
3=Neutral	14.2%	24.3%	23.1%	21.8%	19.2%	20.5%
2=Not Important	5.0%	7.8%	13.2%	9.2%	2.8%	7.9%
1=Not at all Important	7.5%	8.3%	6.4%	8.8%	5.6%	7.3%

Excluding Don't Knows

Q12. Transportation improvements are critical, but also costly. The funding for transportation improvements can come from several sources. Which of the following sources of funding would you most support? (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q12a Increase the gas tax</u>						
4=Very Supportive	20.5%	12.3%	9.5%	8.6%	6.7%	11.5%
3=Supportive	23.5%	29.4%	21.8%	17.2%	17.8%	21.8%
2=Neutral	14.5%	19.6%	14.5%	11.6%	14.9%	15.0%
1=Not Supportive	41.5%	38.7%	54.2%	62.5%	60.6%	51.7%
<u>Q12b Use of tolls</u>						
4=Very Supportive	20.4%	13.7%	17.8%	14.0%	12.1%	15.8%
3=Supportive	37.9%	30.2%	35.6%	28.4%	29.0%	32.5%
2=Neutral	17.4%	25.4%	17.1%	24.2%	23.7%	21.3%
1=Not Supportive	24.3%	30.7%	29.5%	33.5%	35.3%	30.4%

Excluding Don't Knows

Q12. Transportation improvements are critical, but also costly. The funding for transportation improvements can come from several sources. Which of the following sources of funding would you most support? (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q12c Increase vehicle registration fees</u>						
4=Very Supportive	10.3%	7.3%	5.1%	5.1%	5.8%	6.6%
3=Supportive	26.6%	26.7%	17.0%	18.3%	14.1%	20.4%
2=Neutral	21.9%	28.6%	18.8%	23.8%	19.4%	22.3%
1=Not Supportive	41.2%	37.4%	59.2%	52.8%	60.7%	50.6%
<u>Q12d Apply a usage fee so that the more you drive, the higher the fee</u>						
4=Very Supportive	19.8%	13.9%	14.3%	6.5%	8.3%	12.6%
3=Supportive	22.8%	20.8%	15.8%	20.3%	20.4%	19.8%
2=Neutral	16.4%	21.3%	20.0%	17.2%	12.6%	17.6%
1=Not Supportive	40.9%	44.1%	49.8%	56.0%	58.7%	49.9%

Excluding Don't Knows

Q12. Transportation improvements are critical, but also costly. The funding for transportation improvements can come from several sources. Which of the following sources of funding would you most support? (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q12e Apply a road impact fee for new developments</u>						
4=Very Supportive	31.7%	22.6%	26.1%	17.2%	28.5%	25.2%
3=Supportive	29.5%	35.7%	36.0%	32.2%	23.0%	31.5%
2=Neutral	18.1%	22.6%	17.2%	18.1%	21.5%	19.4%
1=Not Supportive	20.7%	19.1%	20.7%	32.6%	27.0%	24.0%
<u>Q12f Sales tax increase</u>						
4=Very Supportive	8.6%	4.9%	6.6%	5.9%	5.7%	6.4%
3=Supportive	19.8%	18.5%	17.2%	15.3%	21.0%	18.2%
2=Neutral	17.2%	24.4%	19.7%	22.0%	20.5%	20.6%
1=Not Supportive	54.3%	52.2%	56.6%	56.8%	52.9%	54.8%

Excluding Don't Knows

Q12. Transportation improvements are critical, but also costly. The funding for transportation improvements can come from several sources. Which of the following sources of funding would you most support? (excluding don't know)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q12g Apply a congestion fee so that when you drive in rush hour, the fee is higher

4=Very Supportive	11.7%	6.6%	6.4%	5.7%	9.2%	7.9%
3=Supportive	14.8%	14.3%	13.5%	15.7%	15.0%	14.7%
2=Neutral	20.0%	17.9%	21.1%	17.8%	13.0%	18.2%
1=Not Supportive	53.5%	61.2%	59.0%	60.9%	62.8%	59.2%

Q12h Property tax increase

4=Very Supportive	3.8%	1.5%	0.7%	0.9%	1.9%	1.7%
3=Supportive	11.1%	6.8%	5.5%	4.7%	10.0%	7.5%
2=Neutral	19.2%	18.5%	15.8%	10.7%	12.4%	15.3%
1=Not Supportive	65.8%	73.2%	78.0%	83.7%	75.6%	75.4%

Q13. Which THREE of the funding sources in Question #12 do you most support? (Top 3)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q13 Most support</u>						
A=Increase gas tax	32.9%	36.1%	28.9%	25.4%	19.2%	28.5%
B=Use of tolls	47.7%	40.9%	48.2%	43.4%	42.1%	44.8%
C=Increase vehicle registration fees	19.8%	30.8%	19.7%	20.9%	16.4%	21.3%
D=Apply usage fee so that the more you drive, the higher the fee	35.4%	32.2%	28.2%	25.0%	23.4%	28.8%
E=Apply road impact fee for new developments	49.4%	52.4%	53.9%	44.7%	46.3%	49.4%
F=Sales tax increase	19.3%	15.9%	19.7%	20.1%	24.3%	20.0%
G=Apply congestion fee so that when you drive in rush hour, the fee is higher	19.3%	13.9%	20.4%	22.5%	20.6%	19.6%

Q13. Which THREE of the funding sources in Question #12 do you most support? (Top 3)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q13 Most support (Cont.)

H=Property tax increase	11.1%	6.3%	6.0%	7.8%	7.0%	7.7%
Z=None chosen	11.9%	14.9%	12.3%	19.3%	21.0%	15.6%

Q14. Should more emphasis be placed on maintaining the existing transportation system than on expanding it?

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q14 More emphasis on the existing or expanding?

1=Yes	67.1%	59.1%	72.9%	59.8%	57.9%	63.9%
2=No	20.2%	27.4%	14.1%	17.2%	28.0%	20.8%
3=Don't know	12.8%	13.5%	13.0%	23.0%	14.0%	15.3%

Excluding Don't Knows

Q15. Please rate your level of agreement with the following statements: (excluding don't know)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q15a The region's current transit services can serve most resident's basic mobility needs

5=Strongly Agree	13.6%	9.5%	8.0%	14.2%	10.4%	11.1%
4=Agree	37.6%	32.8%	36.4%	30.3%	30.7%	33.8%
3=Neutral	19.7%	22.8%	15.6%	21.3%	21.9%	20.1%
2=Disagree	23.9%	17.5%	17.6%	18.0%	20.3%	19.4%
1=Strongly Disagree	5.2%	17.5%	22.4%	16.1%	16.7%	15.7%

Q15b Special transportation services for the elderly and the disabled are adequate

5=Strongly Agree	13.5%	3.6%	5.1%	9.4%	10.5%	8.5%
4=Agree	28.1%	18.6%	24.7%	24.1%	21.0%	23.5%
3=Neutral	22.2%	27.1%	16.7%	26.7%	18.2%	21.9%
2=Disagree	24.3%	35.7%	32.1%	24.1%	30.9%	29.2%
1=Strongly Disagree	11.9%	15.0%	21.4%	15.7%	19.3%	16.8%

Excluding Don't Knows

Q15. Please rate your level of agreement with the following statements: (excluding don't know)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q15c The impact of transportation projects on air and water quality, natural areas and wildlife, and climate change should be minimized

5=Strongly Agree	38.3%	24.1%	23.9%	27.4%	29.1%	28.6%
4=Agree	33.0%	42.2%	36.4%	32.3%	33.2%	35.3%
3=Neutral	15.7%	20.6%	27.7%	26.1%	20.1%	22.3%
2=Disagree	8.3%	7.5%	6.8%	8.0%	9.0%	7.9%
1=Strongly Disagree	4.8%	5.5%	5.3%	6.2%	8.5%	6.0%

Q15d Transportation projects should promote healthy lifestyles like biking and walking

5=Strongly Agree	42.0%	24.1%	25.2%	26.4%	40.5%	31.3%
4=Agree	32.0%	46.8%	34.3%	32.8%	41.5%	37.0%
3=Neutral	15.6%	21.2%	27.4%	23.0%	12.7%	20.3%
2=Disagree	5.6%	4.4%	7.7%	11.9%	3.9%	6.9%
1=Strongly Disagree	4.8%	3.4%	5.5%	6.0%	1.5%	4.4%

Excluding Don't Knows

Q15. Please rate your level of agreement with the following statements: (excluding don't know)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q15e The region should promote projects that enhance Kansas City's role as a hub for freight transportation

5=Strongly Agree	17.9%	14.1%	18.3%	16.9%	25.4%	18.5%
4=Agree	41.5%	36.5%	39.5%	38.2%	37.6%	38.8%
3=Neutral	30.9%	32.3%	27.8%	32.0%	24.9%	29.5%
2=Disagree	5.3%	12.0%	9.9%	7.6%	4.8%	8.0%
1=Strongly Disagree	4.3%	5.2%	4.6%	5.3%	7.4%	5.3%

Q15f Transportation projects that reduce the region's dependency on oil should be a priority

5=Strongly Agree	42.5%	25.1%	36.4%	38.1%	39.4%	36.5%
4=Agree	38.2%	42.4%	36.1%	34.6%	42.4%	38.4%
3=Neutral	12.4%	21.2%	17.5%	19.0%	14.1%	16.9%
2=Disagree	3.4%	8.9%	5.9%	5.2%	1.0%	4.9%
1=Strongly Disagree	3.4%	2.5%	4.1%	3.0%	3.0%	3.3%

Excluding Don't Knows

Q15. Please rate your level of agreement with the following statements: (excluding don't know)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q15g The region should build a rail transit system like light rail and/or commuter rail

5=Strongly Agree	36.1%	26.7%	21.0%	23.8%	34.7%	28.2%
4=Agree	25.6%	30.3%	25.7%	23.3%	33.2%	27.3%
3=Neutral	20.5%	23.6%	24.9%	22.4%	13.1%	21.1%
2=Disagree	7.3%	10.3%	14.8%	12.6%	9.0%	11.0%
1=Strongly Disagree	10.5%	9.2%	13.6%	17.9%	10.1%	12.4%

Q15h There should be a regional bus transit system

5=Strongly Agree	35.4%	21.4%	23.6%	19.4%	39.0%	27.6%
4=Agree	31.0%	37.5%	38.6%	35.1%	34.5%	35.3%
3=Neutral	20.4%	26.6%	25.8%	25.7%	18.5%	23.5%
2=Disagree	6.2%	6.8%	6.4%	9.5%	3.5%	6.5%
1=Strongly Disagree	7.1%	7.8%	5.6%	10.4%	4.5%	7.0%

Excluding Don't Knows

Q15. Please rate your level of agreement with the following statements: (excluding don't know)

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q15i New highways should be built in outlying areas

5=Strongly Agree	11.5%	7.9%	12.1%	8.6%	18.8%	11.7%
4=Agree	20.1%	20.6%	21.0%	19.5%	23.0%	20.8%
3=Neutral	27.8%	42.3%	35.4%	38.9%	28.3%	34.7%
2=Disagree	25.8%	18.5%	18.3%	24.4%	21.5%	21.6%
1=Strongly Disagree	14.8%	10.6%	13.2%	8.6%	8.4%	11.2%

Q16. Does the movement of freight negatively affect your travel?

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q16 Movement of freight negatively affect travel?

1=Yes	15.2%	21.2%	11.6%	21.7%	22.9%	18.1%
2=No	74.9%	73.1%	82.0%	68.0%	67.3%	73.6%
3=Don't know	9.9%	5.8%	6.3%	10.2%	9.8%	8.4%

17. From which of the following do you receive news and information about the region?

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q17 Information sources</u>						
01=Government access channel	16.5%	13.5%	11.3%	11.9%	17.8%	14.0%
02=Brochures	11.9%	15.9%	8.8%	7.8%	14.5%	11.5%
03=Local newspaper	75.7%	73.1%	70.8%	75.0%	56.5%	70.5%
04=Community newsletters	15.6%	36.1%	18.3%	17.2%	28.0%	22.3%
05=Radio	57.2%	59.6%	50.7%	48.4%	46.3%	52.2%
06=Television	74.9%	82.7%	84.5%	83.6%	81.3%	81.5%
07=Websites	39.9%	44.7%	35.2%	32.8%	33.2%	36.9%
08=Social networking/ Twitter	9.1%	6.7%	8.1%	4.9%	7.5%	7.3%
09=Word of mouth	49.8%	52.4%	48.9%	45.9%	37.9%	47.1%
10=Public meetings	12.3%	9.1%	16.2%	13.1%	8.4%	12.1%
11=Other	1.6%	2.9%	2.5%	0.8%	1.4%	1.8%
99=None chosen	0.4%	0.5%	0.4%	1.6%	0.5%	0.7%

Q18. Counting yourself, how many people live in your household?

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q18 How many live in household?</u>						
01=1	20.2%	18.8%	16.7%	16.6%	15.6%	17.7%
02=2	40.9%	35.7%	46.6%	50.6%	35.1%	42.3%
03=3	16.5%	15.0%	13.5%	11.6%	16.6%	14.5%
04=4	11.6%	19.3%	14.6%	11.2%	15.6%	14.3%
05=5 or more	10.7%	11.1%	8.5%	10.0%	17.1%	11.2%

Q19. How long have you lived in the 5-County area?

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q19 How long lived in 5-County area?</u>						
3=3 or fewer years	8.4%	5.4%	9.7%	3.4%	2.8%	6.0%
5=4-5 years	4.2%	6.9%	4.3%	4.2%	5.7%	4.9%
10=6-10 years	17.2%	16.3%	10.4%	10.1%	9.0%	12.2%
15=11-15 years	10.0%	5.4%	7.6%	9.2%	9.0%	8.2%
20=16-20 years	8.4%	12.8%	8.3%	8.4%	6.1%	8.5%
30=21-30 years	14.6%	18.2%	10.8%	10.9%	14.6%	13.3%
31=More than 30 years	37.2%	35.0%	48.9%	53.8%	52.8%	44.9%

Q20. Are you or other members of your household of Hispanic or Latino ancestry? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q20 Hispanic or Latino ancestry?

1=Yes	10.3%	3.4%	2.8%	1.3%	16.8%	6.6%
2=No	89.7%	96.6%	97.2%	98.8%	83.2%	93.4%

Q21. Which of the following best describes your race? (excluding no response)

N=1195	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q22 Which describes your race?

1=African American/Black	3.7%	2.4%	2.8%	0.4%	27.6%	6.9%
2=American Indian or Alaska Native	1.2%	1.9%	2.1%	1.2%	1.9%	1.7%
3=Asian, Hawaiian or Other Pacific Islander	2.9%	3.4%	2.1%	0.0%	0.5%	1.8%
4=White	85.2%	91.8%	93.0%	94.7%	55.6%	84.9%
5=Other	6.6%	1.9%	2.1%	2.0%	12.6%	4.9%

Q22. Please indicate your total annual household income?

N=1195

	County					Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	
<u>Q22 Total annual household income</u>						
1=Under \$15,000	4.1%	1.9%	4.6%	5.3%	12.1%	5.5%
2=\$15,000- \$29,999	11.5%	5.3%	8.5%	10.7%	19.6%	11.0%
3=\$30,000- \$59,999	29.6%	18.3%	24.6%	28.7%	32.2%	26.8%
4=\$60,000- \$99,999	27.6%	27.9%	25.7%	25.4%	18.7%	25.1%
5=\$100,000 or more	16.0%	35.6%	22.9%	16.8%	7.5%	19.7%
9=No response	11.1%	11.1%	13.7%	13.1%	9.8%	11.9%

Q23. Respondent's gender

N=1195

	County	County	County	County	County	Total
	Douglas County	Johnson County	Leavenworth County	Miami County	Wyandotte County	

Q23 Respondent's gender

1=Male

	47.3%	53.8%	54.6%	48.4%	39.3%	49.0%
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2=Female

	52.7%	46.2%	45.4%	51.6%	60.7%	51.0%
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Section 5:

Survey Instrument

April, 2009

Dear Area Resident:

RE: 5-County Regional Transportation Study

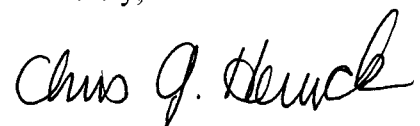
The Kansas Department of Transportation (KDOT) needs your help as we investigate transportation issues and opportunities in Douglas, Johnson, Leavenworth, Miami, and Wyandotte Counties. We ask that you please take 10-15 minutes to complete and return the enclosed Public Opinion Survey.

The Kansas Department of Transportation with the Mid-America Regional Council (MARC) and the Lawrence-Douglas County Metropolitan Planning Organization are partnering to study the 5-County area and set a regional "vision" for its future. The results of this survey will be used to help us meet our goal of preserving and improving the significant public investment in transportation and to plan for its future.

A postage-paid return envelope addressed to ETC Institute is provided for your convenience. We selected ETC Institute as our partner for the survey portion of this project. They will complete the results and present the report to the project partners in a few weeks.

If you would like additional information regarding the study, please visit the project website: www.5countystudy.org. Thank you for your participation in this important study.

Sincerely,

A handwritten signature in black ink that reads "Chris J. Herrick". The signature is written in a cursive, flowing style.

Chris J. Herrick
Director of Planning and Development

DIVISION OF PLANNING AND DEVELOPMENT

Chris J Herrick, P.E., Director

Dwight D. Eisenhower State Office Building

700 S.W. Harrison Street: Topeka, KS 66603-3745 • (785) 296-2252 • Fax: (785) 368-6664

Hearing Impaired - 711 • e-mail: publicinfo@ksdot.org • Public Access at North Entrance of Building

One of the first considerations for planning the future of a region is the need for adequate transportation. Because of the time it takes to implement and the investment required, long range transportation planning is vital to successfully shaping the future of any region. We would like your help today in shaping the future of the 5-County Region that includes Douglas, Johnson, Leavenworth, Miami, and Wyandotte Counties. More information about the study is available at www.5countystudy.org. Thank you for taking time to complete the survey. When you are finished, please return your completed survey in the postage-paid envelope addressed to ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061.

1. Perceptions of Current Transportation Issues		Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Don't Know
Please rate your satisfaction with the following:							
A.	The flow of traffic on highways and major roads	5	4	3	2	1	9
B.	The maintenance of current roads <u>within</u> the cities/towns	5	4	3	2	1	9
C.	The maintenance of current roads <u>between</u> the cities/towns	5	4	3	2	1	9
D.	The availability of transit options and coverage <u>within</u> the cities/towns	5	4	3	2	1	9
E.	The availability of transit options and coverage <u>between</u> the cities/towns	5	4	3	2	1	9
F.	The amount of truck traffic	5	4	3	2	1	9
G.	The effect that the transportation system has on your safety	5	4	3	2	1	9
H.	The effect that the current level of traffic congestion has on the environment	5	4	3	2	1	9
I.	The availability of bicycle lanes and facilities	5	4	3	2	1	9

2. Which THREE of the items in Question #1 do you think are the most important Transportation issues over the next ten years? [Write in the letters below using the letters from the list in Question 1 in the priority of their importance to you].

1st.: _____ 2nd.: _____ 3rd.: _____

3. Do you work outside the home?
 ___(1) Yes (go to Question 3a and 3b) ___(2) No (go to Question 4)

3a. If yes, how far is your daily commute to work?
 A) In miles _____ B) In minutes (average) _____

3b. If yes, How much time would you save on your one-way trip to work, if there was no traffic congestion?
 A) In minutes _____

4. What method of transportation do you typically use to get to and from routine destinations, including work? (Check all that apply)

- ___(1) Car, truck, SUV
- ___(2) Bus
- ___(3) Walk
- ___(4) Bicycle
- ___(5) Carpool/Vanpool
- ___(6) Taxi
- ___(7) Motorcycle
- ___(8) Other _____

5. How many vehicles (i.e. car, truck, SUV) are in your household? _____

6. Are you dependent on transit or friends and relatives to get you to where you want to go?
 ___(1) Yes ___(2) No

7. If the 5-County area had a regional transit system that went to where you wanted to go when you wanted to go there, would you be likely to use the system to get to and from work, and for personal travel?
 ___(1) Yes ___(2) No ___(3) Don't know

8. In the next 10 years, do you think the traffic congestion in your area will...

- | | |
|--|---|
| <input type="checkbox"/> (1) Get better | <input type="checkbox"/> (4) Get much worse |
| <input type="checkbox"/> (2) Stay about the same | <input type="checkbox"/> (5) Don't know |
| <input type="checkbox"/> (3) Get a little worse | |

9. How do each of the following factors contribute to transportation problems in your area? For each one, please rate them by choosing a number between 1 and 5 where 1 means it has “no impact” on transportation problems and 5 means it has a “major impact” on transportation problems.

Contributors to Traffic Congestion	5 Major Impact	4	3	2	1 No Impact
A. Too much truck traffic	5	4	3	2	1
B. Poor timing of traffic lights	5	4	3	2	1
C. Lack of alternatives to driving	5	4	3	2	1
D. Road construction	5	4	3	2	1
E. Not enough roads to serve developing area	5	4	3	2	1
F. Not enough north/south roads	5	4	3	2	1
G. Not enough east/west roads	5	4	3	2	1
H. Poorly planned development	5	4	3	2	1

10. Here are a number of potential solutions to ease travel in the future. Please choose the three solutions that would be the most effective in your opinion. (Number your choices as 1, 2, and 3.)

- | | |
|--|---|
| <input type="checkbox"/> (01) Building new highways and major roads | <input type="checkbox"/> (07) Better coordination between development and transportation planning |
| <input type="checkbox"/> (02) Building other new connecting roads | <input type="checkbox"/> (08) Reducing car volume by encouraging car pooling |
| <input type="checkbox"/> (03) Widening existing roads | <input type="checkbox"/> (09) Improving bicycle ways or pedestrian facilities |
| <input type="checkbox"/> (04) Adding improved bus transit | <input type="checkbox"/> (10) Overhead message boards |
| <input type="checkbox"/> (05) Adding rail transit | |
| <input type="checkbox"/> (06) Improving existing intersections traffic signals or turn lanes | |

11. Many factors are considered when planning for transportation improvements. How important are each of the following factors to you? For each one, please rate them by choosing a number between 1 and 5 where 5 means it is “very important” and 1 means “not at all important”.

Importance of Various Issues to Transportation Improvements	Very Important	Important	Neutral	Not important	Not at all Important
A. The protection of water quality	5	4	3	2	1
B. The protection of air quality	5	4	3	2	1
C. Noise levels	5	4	3	2	1
D. The protection of local plant and animal life	5	4	3	2	1
E. Traffic disruption due to Construction	5	4	3	2	1
F. Cost to taxpayers	5	4	3	2	1
G. Displacement of homes and businesses	5	4	3	2	1
H. Loss of farmland	5	4	3	2	1
I. Loss of parks and natural areas	5	4	3	2	1
J. Urban sprawl	5	4	3	2	1
K. Traffic safety	5	4	3	2	1
L. Climate change/greenhouse gas emissions	5	4	3	2	1

12. Transportation improvements are critical, but also costly. The funding for transportation improvements can come from several sources. Which of the following sources of funding, would you most support? For each one, please rate them by choosing a number between 1 and 4 where 4 means it is “very supportive” and 1 means “not supportive”.

Sources for Funding Transportation Improvements		Very Supportive	Supportive	Neutral	Not Supportive	Don't Know
Please rate your support for the following:						
A.	Increase the gas tax	4	3	2	1	9
B.	Use of tolls	4	3	2	1	9
C.	Increase vehicle registration fees	4	3	2	1	9
D.	Apply a usage fee so that the more you drive, the higher the fee	4	3	2	1	9
E.	Apply a road impact fee for new developments	4	3	2	1	9
F.	Sales tax increase	4	3	2	1	9
G.	Apply a congestion fee so that when you drive in rush hour, the fee is higher	4	3	2	1	9
H.	Property tax increase	4	3	2	1	9

13. Which THREE of the funding sources in Question #12 do you most support?
 [Write in the letters below using the letters from the list in Question 12 in the priority of their importance to you].

1st: _____ 2nd: _____ 3rd: _____

14. Should more emphasis be placed on maintaining the existing transportation system than on expanding it?

___(1) Yes ___(2) No ___(3) Don't know

15. For each of the following statements, please rate them by choosing a number between 1 and 5 where 5 means that you “strongly agree” and 1 means you “strongly disagree”.

Transportation Status		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
A.	The region's current transit services can serve most resident's basic mobility needs	5	4	3	2	1	9
B.	Special transportation services for the elderly and the disabled are adequate	5	4	3	2	1	9
C.	The impact of transportation projects on air and water quality, natural areas and wildlife, and climate change should be minimized	5	4	3	2	1	9
D.	Transportation projects should promote healthy lifestyles like biking and Walking	5	4	3	2	1	9
E.	The region should promote projects that enhance Kansas City's role as a hub for freight transportation	5	4	3	2	1	9
F.	Transportation projects that reduce the region's dependency on oil should be a priority	5	4	3	2	1	9
G.	The region should build a rail transit system like light rail and/or commuter rail	5	4	3	2	1	9
H.	There should be a regional bus transit system	5	4	3	2	1	9
I.	New highways should be built in outlying areas	5	4	3	2	1	9

16. Does the movement of freight (trucks and trains) negatively affect your travel?

___(1) Yes ___(2) No ___(3) Don't know

17. From which of the following sources do you receive news and information about the region? (Check all that apply)

- (01) Government access channel on cable television
- (02) Brochures
- (03) Local newspaper
- (04) Community newsletters
- (05) Radio
- (06) Television
- (07) Websites
- (08) Social networking/Twitter
- (09) Word of mouth
- (10) Public meetings
- (11) Other: _____

18. Counting yourself, how many people live in your household? _____

19. Counting yourself, how many people in your household are?

- | | | |
|-------------------|------------------|------------------|
| Under age 5 _____ | Ages 20-24 _____ | Ages 55-64 _____ |
| Ages 5-9 _____ | Ages 25-34 _____ | Ages 65-74 _____ |
| Ages 10-14 _____ | Ages 35-44 _____ | Ages 75+ _____ |
| Ages 15-19 _____ | Ages 45-54 _____ | |

20. How long have you lived in the 5-County area?

_____ years

21. Are you or other members of your household of Hispanic or Latino ancestry?

- (1) Yes
- (2) No

22. Which of the following best describes your race?

- (1) African American/Black
- (2) American Indian or Alaska Native
- (3) Asian, Hawaiian or Other Pacific Islander
- (4) White
- (5) Other: _____

23. Please indicate your total annual household income:

- (1) Under \$15,000
- (2) \$15,000 to \$29,999
- (3) \$30,000 to \$59,999
- (4) \$60,000 to \$99,999
- (5) \$100,000 or more

24. Respondent's gender

- (1) Male
- (2) Female

This concludes the survey. Thank you for your time!
Please return your survey in the postage-paid envelope addressed to ETC Institute

Your responses will remain Completely Confidential. The information printed on the sticker to the right will ONLY be used to help identify which areas of the 5-County Region are having problems with travel. If your address is not correct, please provide the correct information.