

Community Opinion Survey

Introduction

The purpose of the US/24 Corridor Study is to develop a community based vision for the future of US 24/40. Therefore, it was critical to get broad-based public input on issues, in addition to the public meetings. A community opinion survey was distributed to 1,200 residents in and around the US 24/40 Corridor, the complete summary of which is in this Appendix A. The survey requested the community's input on issues including perceptions of safety on US 24/40, preferred configuration of access onto US 24/40 and commercial and residential development in the corridor.

ETC Institute, a national leader in the field of community satisfaction research for governmental organizations, conducted the survey by mail and by phone, to a random sample of households in the southern half of Leavenworth County. The results of the survey will aid the study team in understanding the importance of various issues to those who will be using the US 24/40 Corridor. A copy of the survey findings was posted on the project Web site: www.marc.org/transportation/us2440/.

A majority of the more than 600 respondents said they were somewhat or very concerned about the safety along the US 24/40 Corridor. Most respondents agreed that new access onto and from US 24/40, including streets and driveways, should be limited in order to keep the flow of traffic. A majority of those who responded said that commercial and residential developments plans should focus on reserving open area for rural uses. Most supported keeping such development in or near the cities of Basehor and Tonganoxie.

2007 US 24/40 Corridor Survey

FINAL Report



Conducted for

Leavenworth County, Kansas

Basehor, Kansas

Tonganoxie, Kansas

Kansas Department of Transportation

Mid America Regional Council



by

ETC Institute

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in association with

Bucher, Willis & Ratliff Corporation



April 2007

US 24/40 Corridor Study

Executive Summary

Overview

Purpose. ETC Institute, in association with Bucher, Willis & Ratliff Corporation, conducted a survey of residents in the South Leavenworth County area during the spring of 2007. The purpose of the survey was to gather input from the community about issues relating to improvements being considered for the US 24/40 corridor. Leavenworth County, the cities of Basehor and Tonganoxie, the Kansas Department of Transportation (KDOT) and the Mid-America Regional Council (MARC) sponsored the study. Some of the specific topics that were addressed in the survey included:

- Frequency that residents travel on US 24/40
- Perceptions of driver safety on US 24/40
- The importance of improvements along US 24/40 to economic development in the area
- The preferred configuration of access entry on to US 24/40
- The importance of various appearance considerations for the corridor
- Perception of the impact of future residential and commercial developments along the corridor
- Preferred ways to keep residents informed about planned improvements to the US 24/40 Corridor in Southern Leavenworth County

Methodology. The survey was administered by mail to a random sample of 601 households during late March of 2007. The original goal of 450 surveys was exceeded by 151 additional surveys. The overall results for the 601 surveys that were administered have a precision of at least +/-4% 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
- tables that show the results of the survey
- a copy of the survey instrument

Major Findings

- **Frequency of Travel.** Over half (57%) of those surveyed drive the US 24/40 corridor daily.
- **Perceptions of Safety.** Sixty-nine percent (69%) of those surveyed were either “very concerned” or “somewhat concerned” about safety along the US 24/40 corridor.
- **Importance of Economic Development along the Corridor.** Eighty-three percent (83%) of those surveyed felt that economic development in the Tonganoxie, Bashor, and general Southern Leavenworth County area along the US 24/40 corridor was “very important” or “important”.
- **Issues of Access Affecting Traffic Flow.** Those surveyed were asked their level of agreement with three statements related to access on to US 24/40:
 - “New streets that cross US 24/40 highway in the future should be limited so that traffic can continue to flow much as it does today.” Eighty four percent (84%) agreed, 8% were neutral and 8% disagreed.
 - “The existing number of driveways onto US 24/40 should be reduced.” Thirty-three percent (33%) agreed, 35% were neutral and 32% disagreed.
 - “New driveways from US 24/40 to future businesses should not be limited, even if that means traffic will flow more slowly than today.” Seventeen percent (17%) agreed, 12% were neutral and 71% disagreed.
- **Perception of Travel Speeds.** Those surveyed were asked about the appropriateness of the current travel speed on US 24/40; through Basehor, 72% felt the travel speed was appropriate, through Tonganoxie, 72% felt the travel speed was appropriate, and between the two cities, 87% felt the travel speed was appropriate.
- **Corridor Identity and Image.** Those surveyed were in greatest agreement with these three issues: that industrial developments should be set back from the highway (89%), that commercial developments next to US 24/40 should be set back from the highway (81%), and guidelines for attractive developments should be established by the County and the Cities (68%).
- **Land Use.** It was important to those surveyed to set back buildings and parking lots from US 24/40 to maintain an open appearance along the highway (72%), to update County zoning to maintain an open appearance in the rural parts of the corridor (65%), to develop the Stranger Creek floodplain as agricultural, natural park, and/or recreation areas (58%), and to screen parking lots, storage areas so that they are less visible as you drive down US 24/40 highway (51%).

- **Development.** Those surveyed were most supportive of having both commercial (86%) and residential (84%) be planned developments with an emphasis on reserving remaining open areas for rural uses. They were also supportive of directing both commercial (81%) and residential developments (75%) into or near the Cities of Basehor and Tonganoxie.

- **Commercial/Industrial Design in Developed Areas.** Those surveyed prioritized the importance of various design and appearance issues concerning the corridor;
 - Appearance of larger buildings should be attractive and blend with the community character (83%).
 - Place limits on the appearance, size and height of business signs (78%).
 - Encourage exterior building materials for new commercial or industrial developments that give a pleasant appearance (77%).
 - Have attractive landscaping around parking lots (74%).

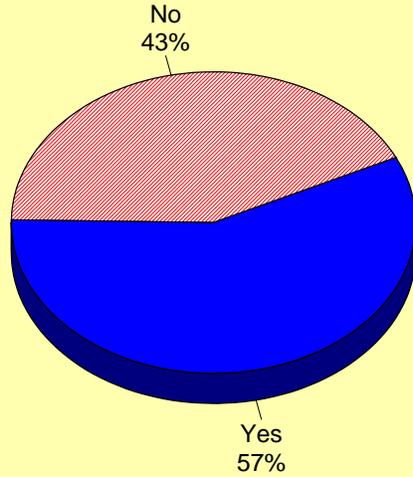
Other:

- 51% of those surveyed thought that urban development should be required to be served by public (community) water and sewer services; 27% had no opinion and 22% said “no”.

Section 1:
Charts and Graphs

Q1. Prior to Today, Did you Know that the County and Two Cities were Studying ways to Manage the US 24/40 Highway Corridor?

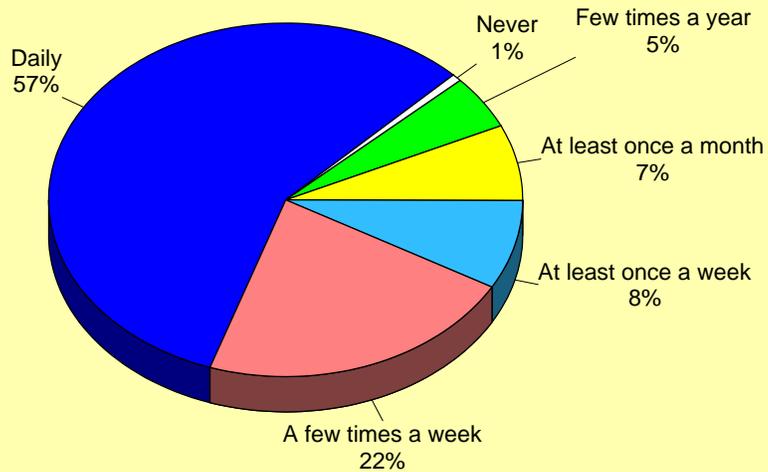
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q2. How Frequently Do You Drive the US 24/40 Highway Corridor?

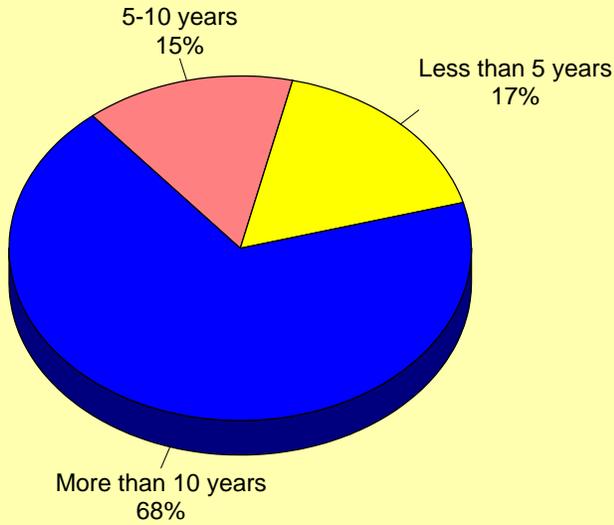
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q3. How Many Years Have You Been Using the US 24/40 Highway Corridor?

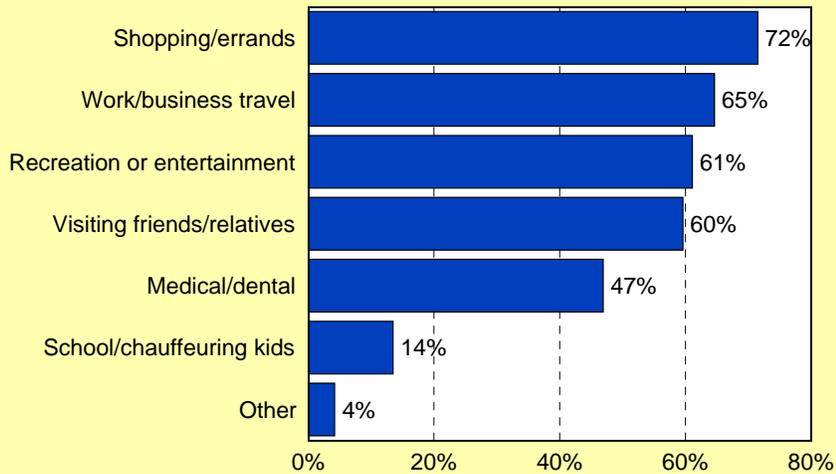
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q4. When you Travel on US 24/40, Which of the Following are the Most Frequent Reasons for your Trip?

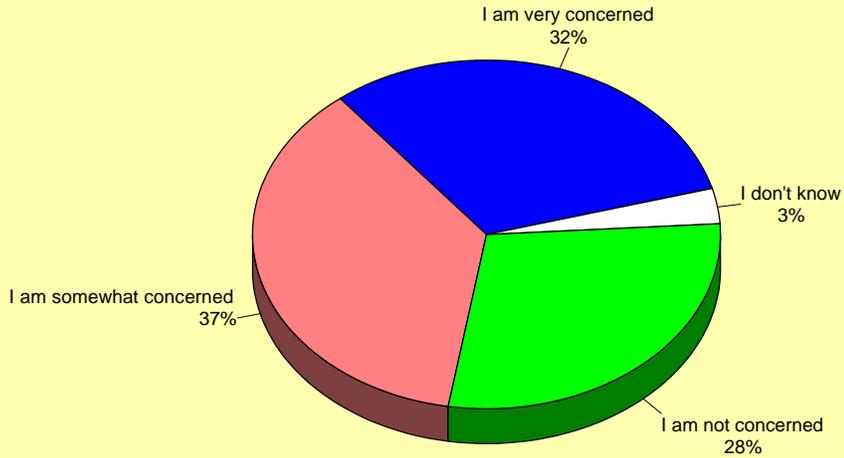
by percentage of respondents (more than one choice could be made)



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q5. Overall, Do you Have Any Concerns about Safety on US 24/40?

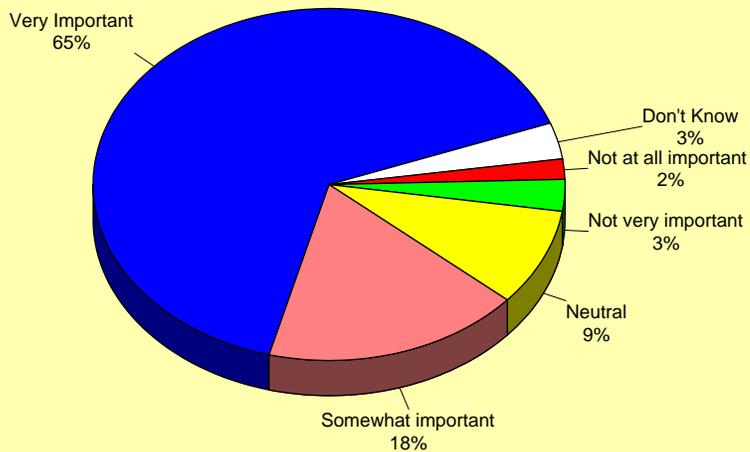
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q6. How Important Do you Think the US 24/40 Corridor is to Economic Development in the Tonganoxie/Bashor/South Leavenworth Areas?

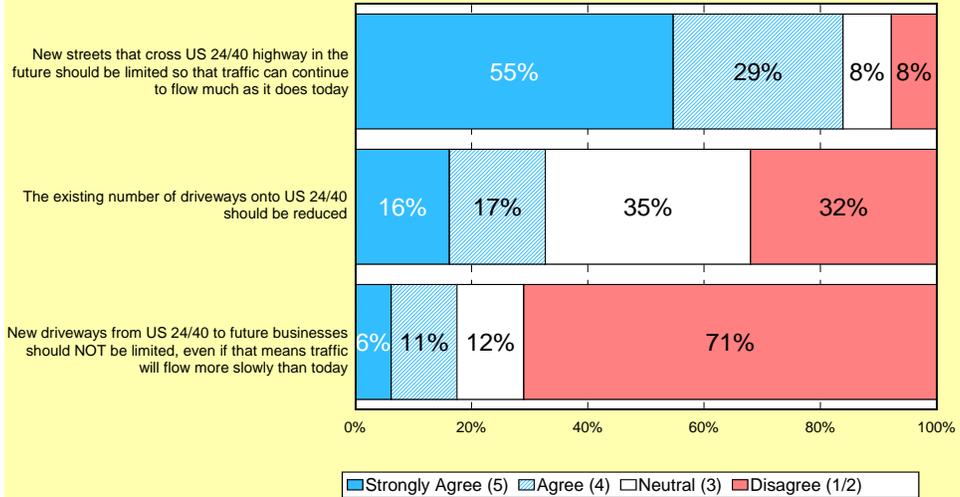
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q7. Level of Agreement with Various Issues Concerning Management and Traffic Flow on US 24/40

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

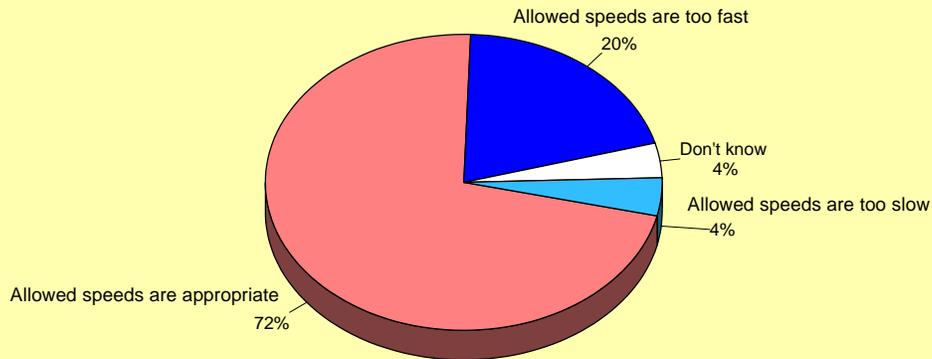


Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q8a. What is Your Opinion of the Travel Speed on US 24/40 in the City Limits of the Two Cities?

by percentage of respondents

Through Basehor on the Highway

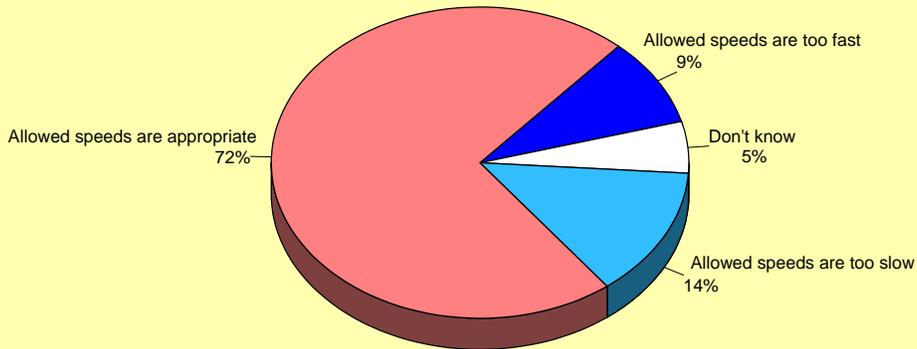


Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q8b. What is Your Opinion of the Travel Speed on US 24/40 in the City Limits of the Two Cities?

by percentage of respondents

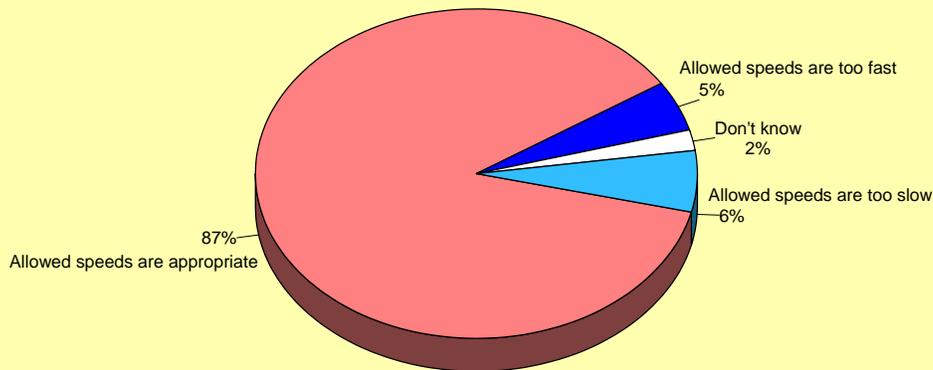
Through Tonganoxie on the Highway



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q9. What is Your Opinion of the Travel Speed on US 24/40 between Basehor and Tonganoxie?

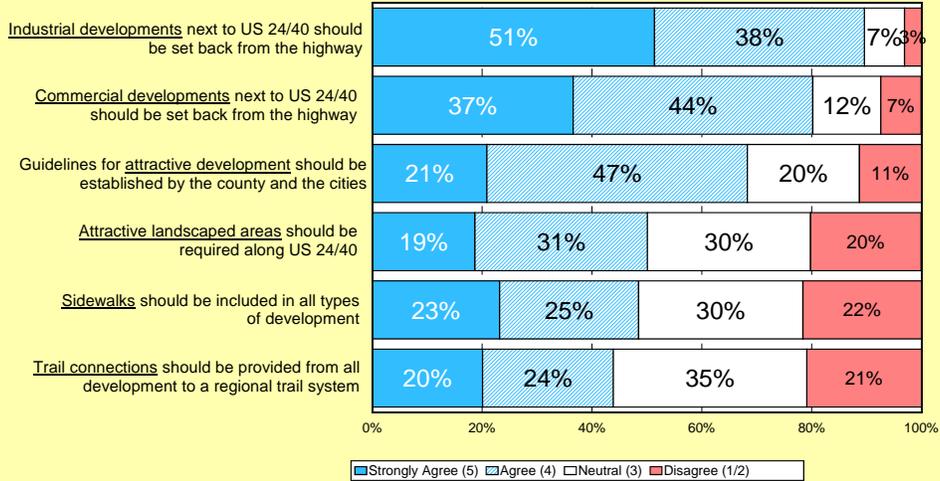
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q10. Level of Agreement with Various Issues Concerning the Corridor Identity and Image

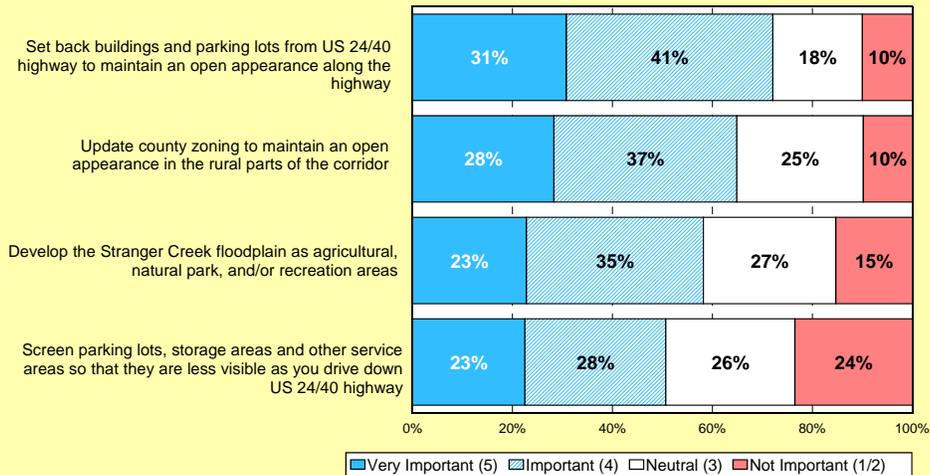
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q11. Level of Importance of Various Items Concerning Land Use and Development

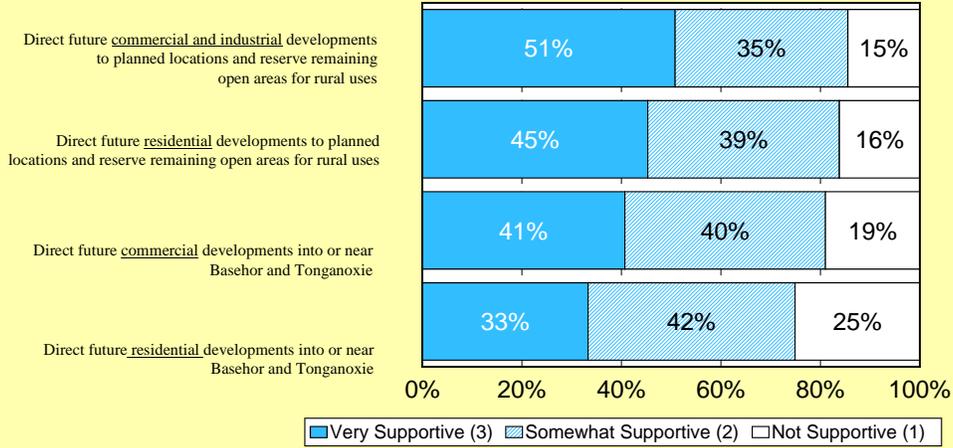
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q12. Level of Support for Various Developments Along the US 24/40 Corridor

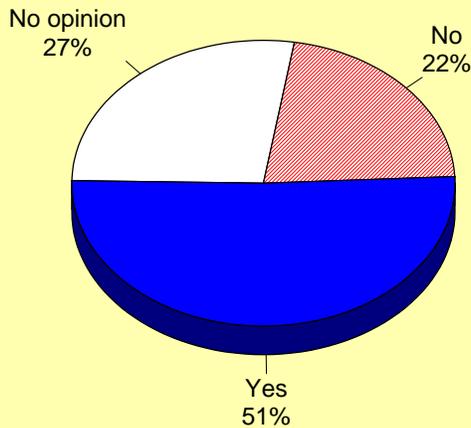
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q13. Should Urban Development be Required to be Served by Public (Community) Water and Sewer Services?

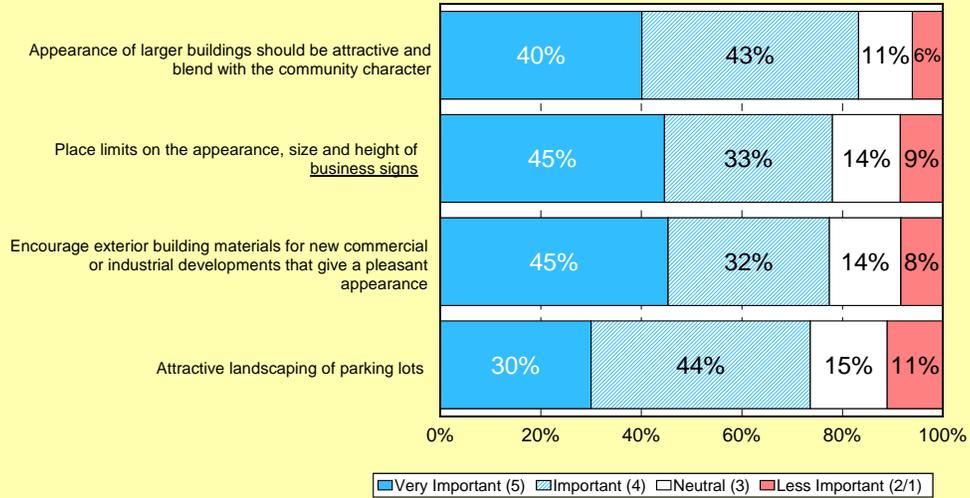
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q14. Level of Importance of Various Issues Concerning Commercial/Industrial Design in Developed Areas

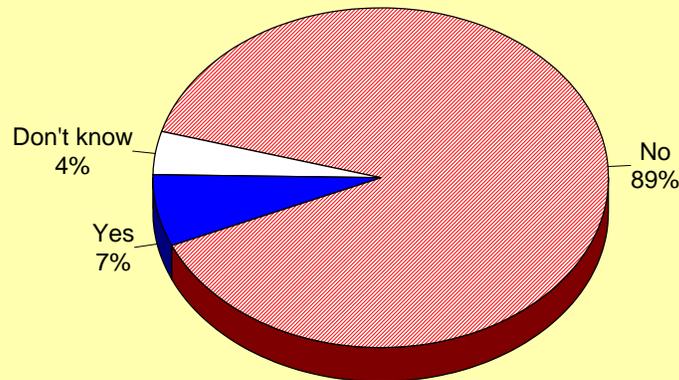
by percentage of respondents who rated the item as a 1 to 5 on a 5-point scale (excluding don't knows)



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q15. Have you Attended Any Public Meetings about this US 24/40 Corridor Study?

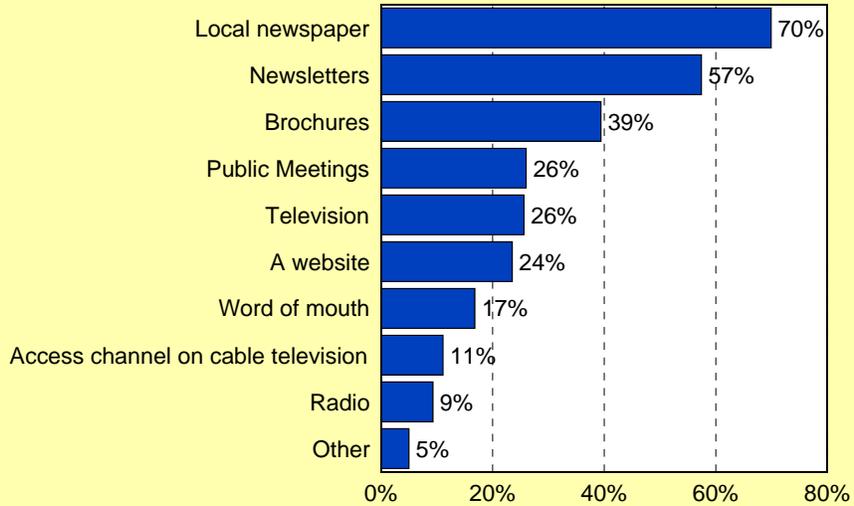
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q16. What is the Best Way for You to Receive Information about Planned Management of the US 24/40 Corridor?

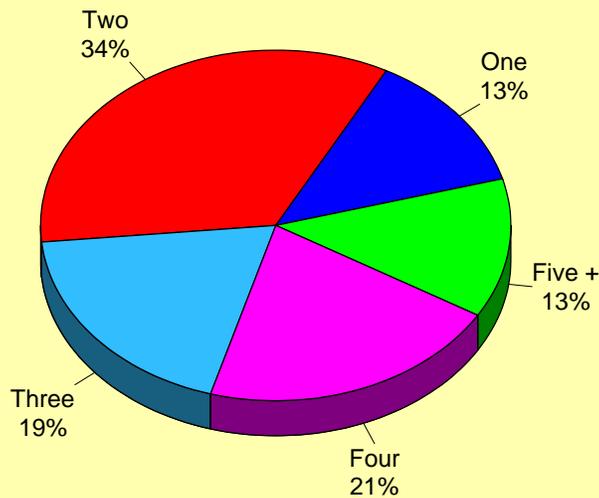
by percentage of respondents (more than one choice could be made)



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q17. How Many People Live In Your Household?

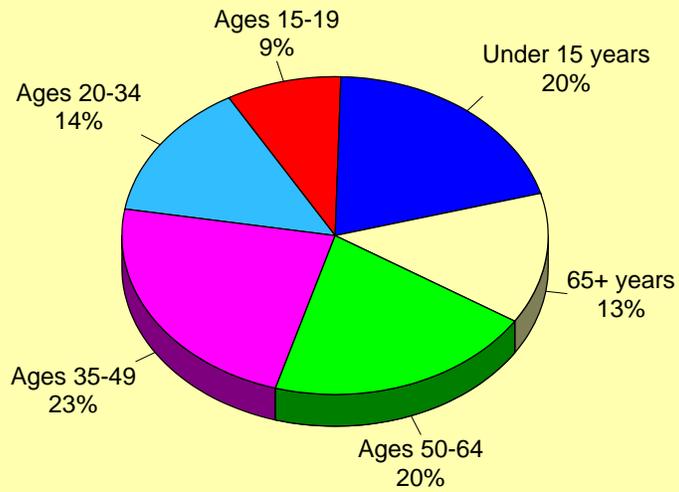
by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q18. Demographics: Ages of People in Household

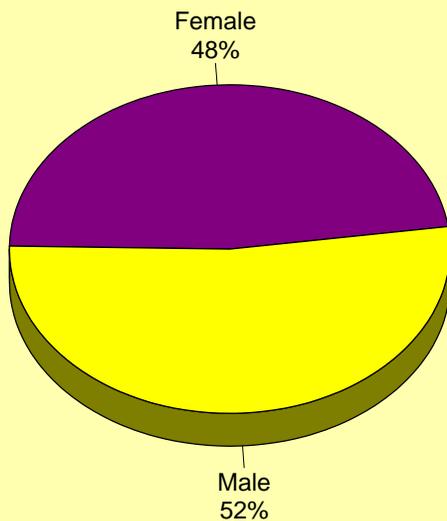
by percentage of persons in households



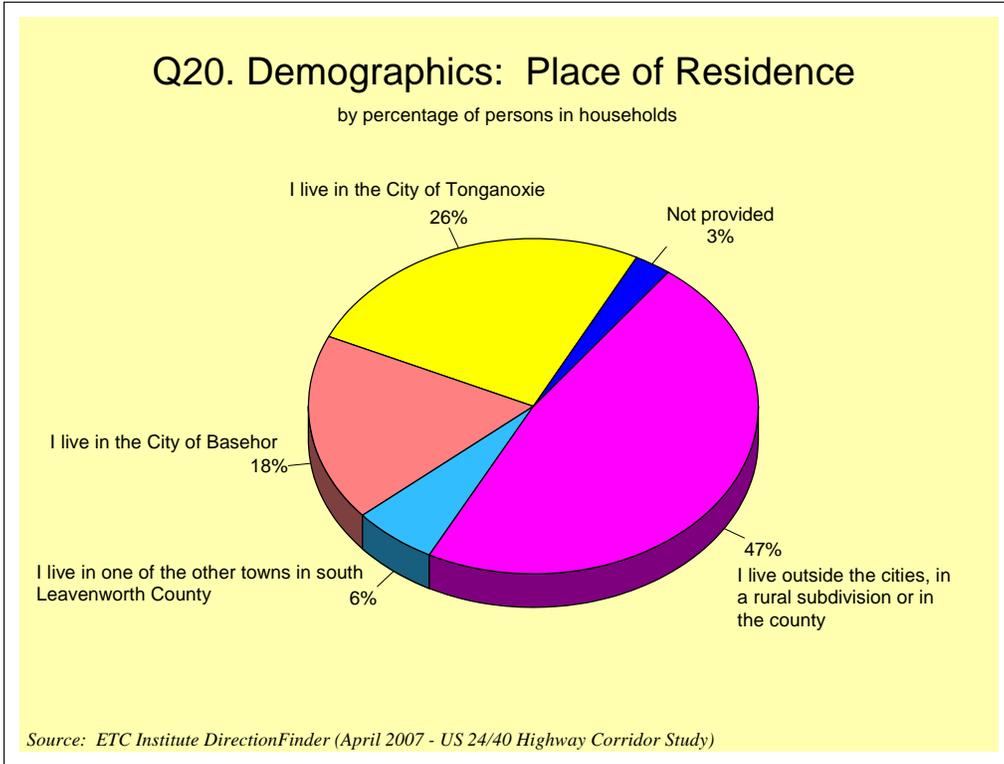
Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)

Q19. Demographics: Respondents Gender

by percentage of respondents



Source: ETC Institute DirectionFinder (April 2007 - US 24/40 Highway Corridor Study)



Section 2:
Tabular Data

Q1. Prior to today, did you know that the county and two cities were studying ways to manage the US 24/40 Highway corridor?

Q1 Know studying ways to manage highway	Number	Percent
1=Yes	343	57.1 %
2=No	256	42.6 %
9=Don't know	2	0.3 %
Total	601	100.0 %

Q2. How frequently do you drive this corridor?

Q2 How frequently drive corridor	Number	Percent
1=Daily	343	57.1 %
2=Few times a week	131	21.8 %
3=At least once a week	48	8.0 %
4=At least once a month	41	6.8 %
5=Few times a year	33	5.5 %
6=Never	4	0.7 %
9=Don't know	1	0.2 %
Total	601	100.0 %

Q3. For how many years have you been using US 24/40?

Q3 How many years been using US 24/40	Number	Percent
1=Less than 5	104	17.3 %
2=5-10 years	87	14.5 %
3=More than 10	409	68.1 %
9=Don't know	1	0.2 %
Total	601	100.0 %

Q4. When you travel on US 24/40, which of the following are the most frequent reasons for your trip? [Check all that apply]

Q4 Most frequent reason for trip	Number	Percent
1 = Work/business travel	388	64.6 %
2 = Visiting friends/relatives	358	59.6 %
3 = Recreation or entertainment	367	61.1 %
4 = Shopping/errands	430	71.5 %
5 = Medical/dental	282	46.9 %
6 = School/chauffeuring kids	81	13.5 %
7 = Other	25	4.2 %
9 = Don't know	3	0.5 %
Total	1934	

Q4. Other

Q4 Other

- BASKETBALL GAMES
- CHURCH
- CHURCH RELATED
- COURTHOUSE
- DOG GROOMING
- DR APPOINTMENT IN KC MO
- FIRE DEPT
- GOING TO CHURCH
- GOING TO CHURCH
- GOING TO LAWRENCE
- GOING TO MEETINGS
- HUNTING/FISHING
- LEAVE THRU DRIVEWAY
- MY SON GOES TO KCK CC
- SHOPPING-RESTAURANT
- SPORTS
- TO GET TO K-7
- VACATION

Q5. Overall, do you have any concerns about SAFETY on US 24/40?

<u>Q5 Have concerns about safety</u>	<u>Number</u>	<u>Percent</u>
1=Very concerned	190	31.6 %
2=Somewhat	221	36.8 %
3=Not concerned	171	28.5 %
9=Don't know	19	3.2 %
Total	601	100.0 %

Q5a. If very concerned or somewhat concerned, why?

Q5a Comment

143 & STATE-PULLING ONTO STATE
155TH & 158TH
158 INTERSECTION IS DANGEROUS
158TH & 178TH INTERSECTION
158TH & 24/40 IS DANGEROUS
158TH & 24/40 NEEDS LIGHT
158TH INTERSECTION-VISIBILITY
158TH ST CROSSOVER ACCIDENTS
158TH ST INTERSECTION
158TH ST NEEDS A LIGHT
158TH TOO BUSY OF INTERSECTION
2 LN HWY BTW LAWRENCE & TONGANOXIE
24-40 & 158TH VERY DANGEROUS
24/40 & 158TH ST INTERSECTION
24/40 ONRAMPS TOO DANGEROUS
A COURTHOUSE RUSH HOUR LIGHT
A LOT OF DEADLY ACCIDENTS
ABILITY TO GET ON WITH EASE
ACCIDENTS AT 158TH & 155TH STS
ACCIDENTS AT BASEHOR STOPLIGHT
ACCIDENTS AT BASEHOR LIGHT
ACCIDENTS IN BASEHOR
ALWAYS ACCIDENT POTENTIAL
AMANDA BIXBY WAS KILLED
BAD DRIVERS
BAD LIGHTING AND DEER
BAD ROAD CONDITIONS
BEEN IN ACCIDENT ON 24-40
BLIND AREAS
CARS DON'T STOP AT 155TH LIGHT
CARS ENTER FROM SIDE STREETS
CARS NOT YIELDING
CARS PULL INTO TRAFFIC
CARS TRYING TO BEAT THE LIGHTS
CARS TURN OUT IN FRONT OF YOU
CERTAIN INTERSECTIONS
CLOVER LEAF AT 7 HWY
CLOVER LEAF AT K7-DANGEROUS
CONCERNED ABOUT ON & OFF RAMPS

Q5a. If very concerned or somewhat concerned, why?

Q5a Comment

CONCERNED ABOUT SAFETY
CROSS MEDIANS NEED STOP LIGHTS
CROSS OVER
CROSS TRAFFIC @ INTERSECTIONS
CROSS TRAFFIC NOT STOPPING
CROSS TRAFFIC RUN STOP SIGNS
CROSSING AT ANY INTERSECTION
CROSSING HIGHWAY IN TONGANOXIE
CROSSING TRAFFIC & LEFT TURNS
CTY RD 2 INTERSECTION DANGEROUS
DANGEROUS INTERSECTIONS
DEER & PEOPLE PULLING OUT
DEER, PEOPLE COMING ON/OFF RD
DRIVERS IGNORING SPEED LIMITS
DRIVING TOO FAST-RUNNING STOPS
E BOUND TRAFFIC IS TOO FAST
ENTERING & EXITING
ENTRY FROM 142ND ST ENTRANCE
ENTRY TO I-70 IS TOO SHORT
EXIT-ENTER NON CONTROLLED AREA
EXIT LANES AND SPEED LIMITS
FATALITIES WITH CROSS TRAFFIC
FROM TONGANOXIE TO LAWRENCE IS BAD
GETTING ON & OFF AT HWY 7
GETTING ON & OFF-TURN LANES
HARD TO DRIVE BUS ONTO 24/40
HEAVY AM-PM WORK TRAFFIC
HEAVY TRAFFIC WHERE NO LIGHTS
HEAVY TRAFFIC-MORE STOP LIGHTS
HIGH VOLUME TRAFFIC WITH TURNS
HIGHWAY LIGHTS
I HAVE BEEN HIT BY A CAR
I HAVE SEEN SEVERAL DEATHS
IDIOTS DRIVING
IGNORANT DRIVERS
INATTENTIVE DRIVERS
INCREASE IN TRAFFIC
INCREASED TRAFFIC
INCREASED TRAFFIC

Q5a. If very concerned or somewhat concerned, why?

Q5a comment

INGRESS-EGRESS SPEEDS, SAFETY
INTERSECTION 24/40 & 158TH ST
INTERSECTION IN BASEHOR
INTERSECTIONS AT BASEHOR
INTERSECTIONS NEED STOP LIGHTS
INTERSECTIONS POPPING UP
IT IS A DANGEROUS ROAD
IT IS NARROW IN SOME PLACES
KNOW SOMEONE RECENTLY KILLED
LACK OF ACCELERATION LANES
LACK OF TRAFFIC CONTROL
LACK OF TRAFFIC LIGHTS
LANE VOLUME OF CARS
LANES TOO NARROW & CURVES
LOTS OF TRAFFIC NEAR COUNTRY
MANY ACCIDENT AT CROSS STREETS
MANY INTERSECTION ACCIDENTS
MANY WRECKS & TOO FEW LIGHTS
MARKINGS TURN LANES SCREWED UP
MEDIAN AREA TOO SMALL FOR CARS
NEED LIGHT AT 158TH & STATE
MILES CONSTRUCTION TRUCKS
MORE PATROLLING BY POLICE
MOSTLY JUST FOR STATE AVE
MUST SLOW TOO QUICKLY ON EXITS
NARROW LANES AND SPEED
NEED FOR MORE TRAFFIC LIGHTS
NEED LIGHT AT 158TH & STATE
NEED LIGHT AT 166TH ST
NEED LIGHT AT 218TH ST/LANDING
NEED LIGHT AT CONOCO
NEED LIGHTS AT INTERSECTIONS
NEED MORE LIGHTS AT 158TH
NEED MORE STOP LIGHTS
NEED MORE TURN LANE LIGHTS
NEED SIGNAL AT 158th & 24/40
NEED SIGNALS IN TONGANOXIE
NEED STOP LIGHT AT 158TH
NEED TO SLOW FOR BASEHOR LIGHT

Q5a. If very concerned or somewhat concerned, why?

Q5a comment

NEED TURN LANES
NEW HOMES CREATE CROSS TRAFFIC
NO PASSING ZONES & TOO NARROW
NO PROPER LIGHTING ON HWY
NO STOPLIGHTS IN NEEDED PLACES
NOT ENOUGH CONTROL FLOW OF TRAFFIC
NOT ENOUGH LIGHTS THROUGH TONGANOXIE
NOT ENOUGH TURN LANES
NOT STOPPING AT INTERSECTIONS
NUMBER OF ACCIDENTS
NUMBER OF FATAL ACCIDENTS
OLD STRETCHES & NO SHOULDERS
OVER-DEVELOPMENT
PEOPLE DON'T STOP AT INTERSECTION
PEOPLE DRIVE LIKE IDIOTS
PEOPLE DRIVE INSIDE LANES
PEOPLE DRIVING IN LEFT LANE
PEOPLE IGNORE SPEED LIMIT
PEOPLE WON'T STOP AT STOP SIGN
POOR INTERSECTIONS
POOR TRAFFIC CONTROL
PREVIOUS DEATHS ON 24/40
PULLING OUT ONTO HWY DANGEROUS
PUT CABLE IN MEDIUM
RAMP FROM 24/40 TO 7 NOT SAFE
RECENT WRECKS
ROAD SAFETY IS A PRIORITY
ROAD SEEMS VERY NARROW
SAFETY
SAFETY ALWAYS
SNOW REMOVAL IS NOT GOOD
SOME INTERSECTIONS DANGEROUS
SPEED LIMIT AT 12TH ST & 24/40
SPEED LIMIT FROM CO RD #25
SPEED LIMIT TOO HIGH W OF K-7
SPEED LIMITS NEAR LIGHTS
SPEED LIMITS TOO FAST
SPEED OF DRIVERS
SPEED OF TRAFFIC THRU BASEHOR

Q5a. If very concerned or somewhat concerned, why?

Q5a comment

SPEED TOO HIGH; ACCIDENTS
SPEEDING & TRAFFIC BAD
SPEEDING AND DEER
SPEEDS TOO FAST
SPEEDS TOO FAST-MORE LIGHTS
STREET INTERSECTING 24-40 DANGEROUS
STOP LIGHT AT 158TH
STOP LIGHT AT 24/40 & MAIN
STOP LIGHTS NEEDED-158 & 150
STOP SIGNS WERE LIGHTS NEEDED
STOPLIGHTS NEEDED
SW SIDE OF TONGANOXIE-2 LANE 65 MPH
THAT IMPROVEMENTS ARE NEEDED
THE SPEED LIMIT TOWARD COUNTY ROAD 2
THERE HAVE BEEN ACCIDENTS
THERE IS SO MUCH TRAFFIC
TOO CONGESTED FOR 2 LANES
TOO MANY ACCESSES TO 24/40
TOO MANY ACCIDENTS
TOO MANY ACCIDENTS
TOO MANY ACCIDENTS AND DEATHS
TOO MANY DRIVEWAYS/ACCESS PTS
TOO MANY SCHOOL BUSES
TOO MANY TRAFFIC ACCIDENTS
TOO MANY WRECKS & SPEEDERS
TOO MUCH GROWTH-NEED TURN LANES
TRAFFIC COMING ONTO 24/40
TRAFFIC CONTROL 150TH & 158TH
TRAFFIC CONTROL AT 150TH
TRAFFIC ENTERING FROM SIDE ST
TRAFFIC FLOW
TRAFFIC-INCREASE I-70 ACCESS
TRAFFIC LIGHTS & STREET LIGHTS
TRAFFIC ON 24-40 GOING E @ 166
TURN LANES & SPEED
TURNS ON NORTH/SOUTH ROADS
TURNING FROM 158TH ST
UNCONTROLLED MERGING OF 24/40
UNLIMITED ACCESS IS CONCERNING

Q5a. If very concerned or somewhat concerned, why?

Q5a comment

UNSAFE ENTRY FROM 12TH ST
VEHICLES EXCEEDING SPEED LIMIT
VOLUME OF CROSS TRAFFIC
WAS NOT BUILT RIGHT
WE NEED SIGNAL LIGHTS
WE TRAVEL DAILY
WIDEN MEDIAN-REDUCE FATALITY

Q6. Overall, how important do you think the US 24/40 Corridor is to economic development in the Tonganoxie/Basehor/South Leavenworth County areas?

Q6 Importance to economic development	Number	Percent
1=Not at all	11	1.8 %
2=Not very import	17	2.8 %
3=Neutral	54	9.0 %
4=Somewhat	106	17.6 %
5=Very important	393	65.4 %
9=Don't know	20	3.3 %
Total	601	100.0 %

Q7. Each of the following statements could affect US 24/40 and the traffic on and off the highway. For each option, please indicate your level of agreement.

(N=601)

	Strongly disagree 1	Disagree 2	Neutral 3	Agree 4	Strongly agree 5	Don't know 9
Q7a New streets that cross hwy should be limited	3.0%	4.5%	8.0%	28.1%	52.7%	3.7%
Q7b New driveways should not be limited	39.1%	28.0%	10.8%	10.6%	5.8%	5.7%
Q7c Existing number of driveways should	10.1%	19.5%	32.6%	15.3%	15.0%	7.5%

Q7. Each of the following statements could affect US 24/40 and the traffic on and off the highway. For each option, please indicate your level of agreement. (without don't know)

(N=601)

	Strongly disagree 1	Disagree 2	Neutral 3	Agree 4	Strongly agree 5
Q7a New streets that cross hwy should be limited	3.1%	4.7%	8.3%	29.2%	54.7%
Q7b New driveways should not be limited	41.4%	29.6%	11.5%	11.3%	6.2%
Q7c Existing number of driveways should	11.0%	21.0%	35.3%	16.5%	16.2%

Q8a. What is your opinion of the travel speed on US 24/40 in the city limits through Basehor on the highway:

Q8a Travel speed through Basehor on the highway	Number	Percent
1=Too fast	122	20.3 %
2=Appropriate	433	72.0 %
3=Too slow	24	4.0 %
4=Don't know or no opinion	22	3.7 %
Total	601	100.0 %

Q8b. What is your opinion of the travel speed on US 24/40 in the city limits through Tonganoxie on the highway:

Q8b Travel speed through Tonganoxie on the highway	Number	Percent
1=Too fast	56	9.3 %
2=Appropriate	432	71.9 %
3=Too slow	82	13.6 %
4=Don't know or no opinion	31	5.2 %
Total	601	100.0 %

Q9. What is your opinion of the travel speed on US 24/40 between Basehor and Tonganoxie?

Q9 Travel speed between Basehor and Tonganoxie	Number	Percent
1=Too fast	30	5.0 %
2=Appropriate	524	87.2 %
3=Too slow	35	5.8 %
4=Don't know or no opinion	12	2.0 %
Total	601	100.0 %

Q10. Each of the following items could impact the US 24/40 corridor's identity and image. For each issue, please indicate your level of agreement.

(N=601)

	Strongly disagree 1	Disagree 2	Neutral 3	Agree 4	Strongly agree 5	Don't know 9
Q10a Attractive landscaped areas required along 24/40	6.5%	13.0%	28.8%	30.4%	18.1%	3.2%
Q10b Guidelines for attractive development established	5.0%	5.8%	19.6%	45.6%	20.1%	3.8%
Q10c Commercial developments should be set back from hwy	2.2%	5.0%	12.1%	42.6%	35.8%	2.3%
Q10d Industrial developments should be set back from hwy	1.7%	1.3%	7.2%	37.4%	50.4%	2.0%
Q10e Sidewalks should be included in all developments	7.3%	13.8%	29.1%	24.6%	22.6%	2.5%
Q10f Trail connections should be provided	7.7%	11.3%	31.8%	21.5%	18.1%	9.7%

Q10. Each of the following items could impact the US 24/40 corridor's identity and image. For each issue, please indicate your level of agreement. (without don't know)

(N=601)

	Strongly disagree 1	Disagree 2	Neutral 3	Agree 4	Strongly agree 5
Q10a Attractive landscaped areas required along 24/40	6.7%	13.4%	29.7%	31.4%	18.7%
Q10b Guidelines for attractive development established	5.2%	6.1%	20.4%	47.4%	20.9%
Q10c Commercial developments should be set back from hwy	2.2%	5.1%	12.4%	43.6%	36.6%
Q10d Industrial developments should be set back from hwy	1.7%	1.4%	7.3%	38.2%	51.4%
Q10e Sidewalks should be included in all developments	7.5%	14.2%	29.9%	25.3%	23.2%
Q10f Trail connections should be provided	8.5%	12.5%	35.2%	23.8%	20.1%

Q11. Each of the following items could impact how future development occurs along US 24/40. Please indicate how important you think each item should be.

(N=601)

	Not important at all 1	Not important 2	Neutral 3	Important 4	Very important 5	Don't know 9
Q11a Develop the Stranger Creek floodplain	5.2%	9.3%	25.1%	33.6%	21.6%	5.2%
Q11b Update county zoning to maintain open appearance	3.3%	6.0%	24.0%	34.6%	26.8%	5.3%
Q11c Set back buildings & parking lots from US24/40	2.8%	7.0%	17.6%	40.6%	30.3%	1.7%
Q11d Screen parking lots so they are less visible	6.2%	16.8%	25.1%	27.5%	22.0%	2.5%

Q11. Each of the following items could impact how future development occurs along US 24/40. Please indicate how important you think each item should be. (without don't know)

(N=601)

	Not important at all 1	Not important 2	Neutral 3	Important 4	Very important 5
Q11a Develop the Stranger Creek floodplain	5.4%	9.8%	26.5%	35.4%	22.8%
Q11b Update county zoning to maintain open appearance	3.5%	6.3%	25.3%	36.6%	28.3%
Q11c Set back buildings & parking lots from US24/40	2.9%	7.1%	17.9%	41.3%	30.8%
Q11d Screen parking lots so they are less visible	6.3%	17.2%	25.8%	28.2%	22.5%

Q12. Where do you think development should occur along the US 24/40 Corridor? For each item, please tell me whether you would be very supportive, somewhat supportive, or not supportive.

(N=601)

	Not supportive 1	Somewhat 2	Very supportive 3	Don't know 9
Q12a Direct future residential dev into/near Basehor/Tong	22.6%	37.6%	30.1%	9.7%
Q12b Direct commercial dev into/near Basehor/Tong	17.5%	37.1%	37.4%	8.0%
Q12c Direct residential dev to planned locations	14.1%	33.6%	39.6%	12.6%
Q12d Direct commercial & industrial dev to planned locations	12.8%	30.6%	44.8%	11.8%

Q12. Where do you think development should occur along the US 24/40 Corridor? For each item, please tell me whether you would be very supportive, somewhat supportive, or not supportive. (without don't know)

(N=601)

	Not supportive 1	Somewhat 2	Very supportive 3
Q12a Direct future residential dev into/near Basehor/Tong	25.0%	41.6%	33.3%
Q12b Direct commercial dev into/near Basehor/Tong	19.0%	40.3%	40.7%
Q12c Direct residential dev to planned locations	16.2%	38.5%	45.3%
Q12d Direct commercial & industrial dev to planned locations	14.5%	34.7%	50.8%

Q13. Should urban development be required to be served by public (community) water and sewer services?

Q13 Public water and sewer services required for urban development	Number	Percent
1=Yes	304	50.6 %
2=No	130	21.6 %
9=No opinion	167	27.8 %
Total	601	100.0 %

Q14. Each of the following items could impact how commercial development looks to motorists as they drive along the US 24/40 Corridor. For each item, please indicate how important you think the item should be.

(N=601)

	Not important at all 1	Less important 2	Neutral 3	Important 4	Very important 5	Don't know 9
Q14a Attractive landscaping of parking lots	4.3%	6.7%	15.0%	42.8%	29.5%	1.8%
Q14b Appearance of larger buildings attractive	3.0%	3.0%	10.5%	42.3%	39.3%	2.0%
Q14c Place limits on business signs	4.0%	4.3%	13.3%	33.0%	44.0%	1.3%
Q14d Encourage exterior building materials that give pleasant appearance	4.2%	4.2%	14.0%	31.6%	44.6%	1.5%

Q14. Each of the following items could impact how commercial development looks to motorists as they drive along the US 24/40 Corridor. For each item, please indicate how important you think the item should be. (without don't know)

(N=601)

	Not important at all 1	Less important 2	Neutral 3	Important 4	Very important 5
Q14a Attractive landscaping of parking lots	4.4%	6.8%	15.3%	43.6%	30.0%
Q14b Appearance of larger buildings attractive	3.1%	3.1%	10.7%	43.1%	40.1%
Q14c Place limits on business signs	4.1%	4.4%	13.5%	33.4%	44.6%
Q14d Encourage exterior building materials that give pleasant appearance	4.2%	4.2%	14.2%	32.1%	45.3%

Q15. Have you attended any public meetings about this US 24/40 Corridor study?

Q15 Attended public meetings about US 24/40
corridor study

	Number	Percent
1=Yes	40	6.7 %
2=No	537	89.4 %
9=Don't know	24	4.0 %
Total	601	100.0 %

Q16. What is the best way for you to receive information about planned management of the US 24/40 Corridor? (CHECK ALL THAT APPLY)

Q16 Best way to receive information	Number	Percent
01 = Access Channel	67	11.1 %
02 = Brochures	237	39.4 %
03 = Local newspaper	420	69.9 %
04 = Newsletters	345	57.4 %
05 = Radio	56	9.3 %
06 = Television	154	25.6 %
07 = Website	141	23.5 %
08 = Word of mouth	101	16.8 %
09 = Public meetings	156	26.0 %
10 = Other	30	5.0 %
99 = Don't know	7	1.2 %
Total	1714	

Q16. Others

Q16 Other

BASEHOR SENTINEL

BY MAIL

DIRECT MAIL

DIRECT MAIL

DIRECT MAIL

DIRECT MAILINGS

EMAIL

EMAIL

EMAIL

EMAIL

EMAIL

EMAIL

EMAIL

EMAIL

EMAIL, NEWSLETTER

INEXPENSIVE AS POSSIBLE

INFO MAILED TO RESIDENCE

MAIL

MAIL

MAIL

MAIL

MAIL

MAIL

MAIL

MAILBOX

MAILINGS TO HOME

MEETINGS ON WEEKENDS

MY MAIL

NEWSPAPER

PROPERTY OWNERS ON STATE

Q17.Counting yourself, how many people live in your household?

<u>Q17 How many live in household</u>	<u>Number</u>	<u>Percent</u>
1=1	79	13.2 %
2=2	205	34.3 %
3=3	115	19.3 %
4=4	122	20.4 %
5=5+	76	12.7 %
Total	597	100.0 %

Q18. Counting yourself, what are the ages of the persons in your household? (Write the number of persons in each of the age categories listed below)

	<u>Mean</u>	<u>Total</u>	<u>Sum</u>
number	2.89	597	1725
Q18 Under 15 years	0.59	597	355
Q18 15-19 years	0.25	597	149
Q18 20-34 years	0.41	597	243
Q18 35-49 years	0.67	597	401
Q18 50-64 years	0.59	597	351
Q18 65+ years	0.38	597	226

Q19. Respondent's gender

<u>Q19 Gender</u>	<u>Number</u>	<u>Percent</u>
1=Male	315	52.4 %
2=Female	286	47.6 %
Total	601	100.0 %

Q20. Place of Residence

<u>Q20 Place of residence</u>	<u>Number</u>	<u>Percent</u>
1=Tonganoxie	155	25.8 %
2=Basehor	108	18.0 %
3=Other towns	37	6.2 %
4=Rural subdivision or country	285	47.4 %
9=Not provided	16	2.7 %
Total	601	100.0 %

Section 3:
Survey Instrument



March, 2007



Re: 24/40 Highway Corridor Study—Public Opinion Survey

Dear Area Resident:

Leavenworth County and the cities of Basehor and Tonganoxie need your help as we strive to see the US-24/40 Corridor develop to its full potential. We ask that you please take 10-15 minutes to complete the enclosed Public Opinion Survey.



The county and the two cities, along with the Kansas Department of Transportation (KDOT) and the Mid America Regional Council (MARC) are partnering to study the corridor, evaluate the area’s potential, and set a regional “vision” for its future. The results of this survey will be used to help us meet our goal of preserving the significant public investment in this corridor and 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 all of us in a few weeks.

If you have questions, please call Chris Dunn, Leavenworth County Planner, at (913) 684-0465 or at email him soon at cdunn@leavenworthcounty.org. Thank you for your participation in this important study.



Sincerely,

Dean Oroke, Chairman
Board of County Commissioner

US 24/40 Highway Corridor Survey

Leavenworth County and the cities of Tonganoxie and Basehor are sponsoring a study for the US 24/40 Highway Corridor. We are conducting a short survey with residents of the South Leavenworth County area as we plan for ways to manage traffic and land use along US 24/40 Highway from the south side of Tonganoxie to K-7 Highway east of Basehor. Your input is important so we can manage current and future traffic needs for the south Leavenworth County community.

Thank you for taking time to complete the survey. Please mail it back in the envelope supplied, to ETC Institute. If you have any questions, please call Chris Dunn at Leavenworth County planning department, 913-684-0465.

1. **Prior to today, did you know that the county and two cities were studying ways to manage the US 24/40 Highway corridor?**
 (1) Yes
 (2) No

2. **How frequently do you drive this corridor?**
 (1) Daily
 (2) A few times a week
 (3) At least once a week
 (4) At least once a month
 (5) A few times a year
 (6) Never

3. **For how many years have you been using US 24/40?**
 (1) Less than 5 years
 (2) 5-10 years
 (3) More than 10 years

4. **When you travel on US 24/40, which of the following are the most frequent reasons for your trip?**
[Check all that apply]
 (1) Going to work/business travel
 (2) Visiting friends/relatives
 (3) Recreation or entertainment
 (4) Shopping/errands
 (5) Getting medical/dental attention
 (6) Going to school or chauffeuring school kids
 (7) Other: _____

5. **Overall, do you have any concerns about SAFETY on US 24/40?**
 (1) I am very concerned
 (2) I am somewhat concerned
 (3) I am not concerned
 (9) I don't know

5.a. If very concerned or somewhat concerned, why? _____

6. Overall, how important do you think the US 24/40 Corridor is to economic development in the Tonganoxie/Basehor/South Leavenworth County areas?

- (5) Very important
- (4) Somewhat important
- (3) Neutral
- (2) Not very important
- (1) Not at all important to economic development on the corridor
- (9) Don't know

Management of Traffic

7. Each of the following statements could affect US 24/40 and the traffic on and off the highway. For each option, please indicate your level of agreement.

		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
A.	New streets that cross US 24/40 highway in the future should be limited so that traffic can continue to flow much as it does today.	5	4	3	2	1	9
B.	New driveways from US 24/40 to future businesses should NOT be limited, even if that means traffic will flow more slowly than today.	5	4	3	2	1	9
C.	The existing number of driveways onto US 24/40 should be reduced.	5	4	3	2	1	9

8. What is your opinion of the travel speed on US 24/40 in the city limits of the two cities:

8a) Through Basehor on the highway:

- (1) The allowed speeds are too fast.
- (2) The allowed speeds are appropriate.
- (3) The allowed speeds are too slow.
- (4) Don't know or no opinion.

8b) Through Tonganoxie on the highway:

- (1) The allowed speeds are too fast.
- (2) The allowed speeds are appropriate.
- (3) The allowed speeds are too slow.
- (4) Don't know or no opinion.

9. What is your opinion of the travel speed on US 24/40 between Basehor and Tonganoxie?

- (1) The allowed speeds are too fast.
- (2) The allowed speeds are appropriate.
- (3) The allowed speeds are too slow.
- (4) Don't know or no opinion.

Corridor Identity and Image

10. Each of the following items could impact the US 24/40 corridor's identity and image. For each issue, please indicate your level of agreement.

		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Don't Know
A.	Attractive landscaped areas should be required along US 24/40.	5	4	3	2	1	9
B.	Guidelines for attractive development should be established by the county and the cities.	5	4	3	2	1	9
C.	<u>Commercial developments</u> next to US 24/40 should be set back from the highway.	5	4	3	2	1	9
D.	<u>Industrial developments</u> next to US 24/40 should be set back from the highway.	5	4	3	2	1	9
E.	<u>Sidewalks</u> should be included in all types of development.	5	4	3	2	1	9
F.	<u>Trail connections</u> should be provided from all development to a regional trail system.	5	4	3	2	1	9

Land Use and Development

11. Each of the following items could impact how future development occurs along US 24/40. Please indicate how important you think each item should be.

		Very Important	Important	Neutral	Not important	Not Important at all	Don't Know
A.	Develop the Stranger Creek floodplain as agricultural, natural park, and/or recreation areas.	5	4	3	2	1	9
B.	Update county zoning to maintain an open appearance in the rural parts of the corridor.	5	4	3	2	1	9
C.	Set back buildings and parking lots from US 24/40 highway to maintain an open appearance along the highway.	5	4	3	2	1	9
D.	Screen parking lots, storage areas and other service areas so that they are less visible as you drive down US 24/40 highway.	5	4	3	2	1	9

12. Where do you think development should occur along the US 24/40 Corridor? For each item, please tell me whether you would be very supportive, somewhat supportive, or not supportive.

	Very supportive	Somewhat supportive	Not supportive	Don't Know
(A) Direct future <u>residential</u> developments into or near Basehor and Tonganoxie.....	3	2	1	9
(B) Direct future <u>commercial</u> developments into or near Basehor and Tonganoxie.....	3	2	1	9
(C) Direct future <u>residential</u> developments to planned locations and reserve remaining open areas for rural uses.	3	2	1	9
(D) Direct future <u>commercial and industrial</u> developments to planned locations and reserve remaining open areas for rural uses	3	2	1	9

13. Should urban development be required to be served by public (community) water and sewer services?

- (1) Yes
- (2) No
- (9) No opinion

Commercial/Industrial Design in Developed Areas

14. Each of the following items could impact how commercial development looks to motorists as they drive along the US 24/40 Corridor. For each item, please indicate how important you think the item should be.

		Very Important	Important	Neutral	Less Important	Not Important at all	Don't Know
A.	Attractive landscaping of parking lots.	5	4	3	2	1	9
B.	Appearance of larger buildings should be attractive and blend with the community character.	5	4	3	2	1	9
C.	Place limits on the appearance, size and height of <u>business signs</u> .	5	4	3	2	1	9
D.	Encourage exterior building materials for new commercial or industrial developments that give a pleasant appearance: for example, some brick rather than all metal sided.	5	4	3	2	1	9

15. Have you attended any public meetings about this US 24/40 Corridor study?

- (1) Yes
- (2) No

16. What is the best way for you to receive information about planned management of the US 24/40 Corridor? (CHECK ALL THAT APPLY)

- (01) Access Channel on cable television
- (02) Brochures
- (03) Local newspaper
- (04) Newsletters
- (05) Radio
- (06) Television
- (07) A website
- (08) Word of mouth
- (09) Public meetings
- (10) Other: _____

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

18. Counting yourself, what are the ages of the persons in your household? (Write the number of persons in each of the age categories listed below)

- Under 15 years _____ 50 - 64 years _____
- 15 - 19 years _____ 65+ years _____
- 20 - 34 years _____
- 35 - 49 years _____

19. Respondent's gender

- (1) Male
- (2) Female

20. Place of Residence

- (1) I live in the City of Tonganoxie.
- (2) I live in the City of Basehor.
- (3) I live in one of the other towns in south Leavenworth County.
- (4) I live outside the cities, in a rural subdivision or in the country.

21. Corridor Value

a. What do you value most about the Corridor now, either as a resident or as a driver of US 24/40?

b. What do you like least about the Corridor now, either as a resident or as a driver of US 24/40?

22. Do you have any additional comments about the US 24/40 Corridor?

This concludes the survey. Thank you for your time!

Please Return Your Completed Survey in the Enclosed Postage Paid Envelope Addressed to:
ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061

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 community are most affected by corridor decisions. If your address is not correct, please provide the correct information. Thank you.