

Tennessee River Bridge Toll Survey

Final Report

Submitted to the Tennessee Department of Transportation

by:



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TDOT
Department of
Transportation

December 2015

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Tennessee River Bridge Toll Survey

Executive Summary

Overview

Purpose. In the fall of 2015, ETC Institute, in association with CDM Smith Inc., conducted a survey of residents in Hamilton and Bradley Counties in Tennessee and truckers who travel through the area. The purpose of the survey was to assess support for funding the development and operation of the Tennessee River Bridge in Hamilton County with tolls, and the willingness of key customer groups to pay tolls to use the bridge.

Some of the topics that were addressed in the survey included:

- Gauging support for the construction of the Tennessee River Bridge in Hamilton County
- Whether customers are willing to pay tolls to support the construction and operation of the Tennessee River Bridge
- What customers think are the benefits of building the Tennessee River Bridge
- Gauging support for using tolls as a method of funding other transportation projects in Tennessee

Methodology. The resident survey was administered by mail and phone to a random sample of households in Hamilton and Bradley Counties. The trucker survey was administered by e-mail link to members of the Tennessee Trucking Association.

The goal was a completion of 800 resident surveys and 200 trucker surveys. This goal was exceeded, with 1,341 surveys being completed by residents in Hamilton and Bradley Counties and 205 surveys being completed by truckers. The overall results for the 1,341 resident surveys have a precision of at least +/-2.7% at the 95% level of confidence. The overall results for the 205 trucker surveys have a precision of at least +/-6.8% at the 95% level of confidence.

Contents of the Report. This report contains:

- an executive summary of the major findings
- charts depicting the overall results of the survey
- tables that show the results of the survey
- cross-tabulations that show the results of the resident survey based on age, income and geographic zone
- GIS maps that show the results of most of the resident questions on maps of the region
- a copy of the survey instrument

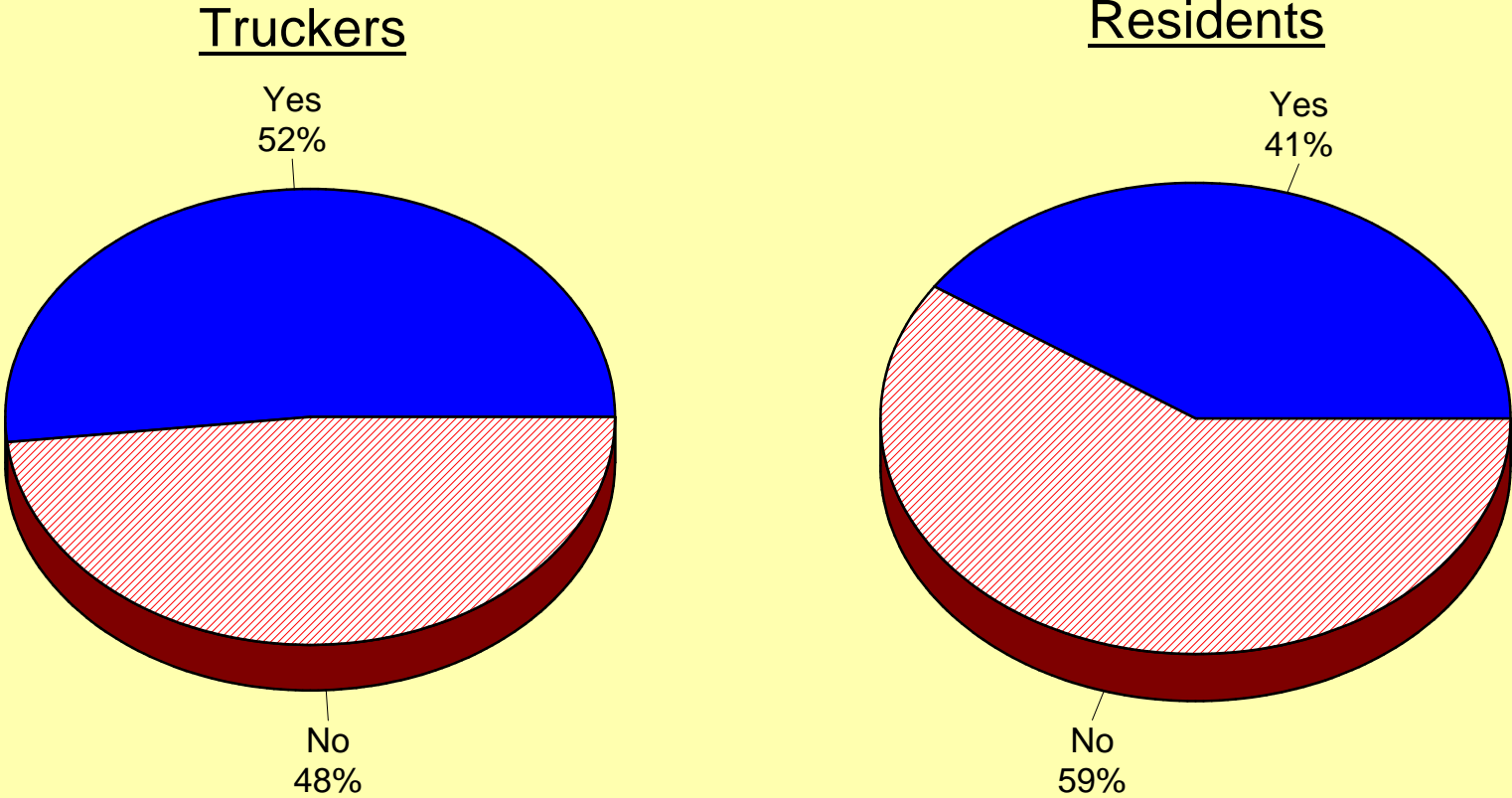
Major Findings

- **Importance of Issues That Could Impact Plans to Develop a Bridge in Northern Hamilton County.** Nearly all respondents (98% of truckers and 96% of residents) indicated that “benefitting the economy” was an important issue that could impact plans to develop a bridge in Northern Hamilton County. Other issues that were important to respondents included: safety benefits for the traveling public (97% of truckers, 96% of residents), and how much the bridge reduces congestion on other highways (96% of truckers, 96% of residents).
- **Support for Developing a Toll Bridge.** Fifty-nine percent (59%) of truckers and 66% of residents think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County. When asked about their support for having TDOT build the bridge at certain locations, 85% of truckers and 79% of residents indicated they most supported the “Green Route,” which would connect US 27 at Sequoyah Road on the west side of the Tennessee River with I-75 near mile marker 13 on the east side of the river. This alternative is 15 miles long and has interchange access at US-27, Harrison Bay Road, SR 58, Ooltewah-Georgetown Road, and I-75. With this alternative, vehicles would cross the Tennessee River south of the TVA Power Plant.
- **How Often Respondents Would Use Certain Alternatives Being Considered.** Forty-three percent (43%) of residents indicated they would use the “Green Route” (described above) at least monthly. The route that truckers would use most often, with 50% using it at least monthly, was the “Blue Route.” This alternative would start at the Hixson Pike interchange with US 27 on the west side of the Tennessee River. It would then follow Hixson Pike to Sequoyah Road, and then follow the same alignment as Alternative 1 where it would connect with I-75 near mile marker 13 on the east side of the Tennessee River. This alternative is 15.5 miles long. With this alternative, vehicles would cross the Tennessee River south of the TVA Power Plant.
- **Maximum Amount Respondents Would be Willing to Pay to Save Time by Using a New Bridge.** When asked how much they would be willing to pay to save time by using a new bridge to travel between locations on the east and west side of the Tennessee River, the average amount, in order to save 75 minutes, was \$3.64 for truckers and \$4.07 for residents. Other average amounts respondents would spend in order to save the following amounts of time are: 60 minutes (\$3.46 for truckers, \$3.60 for residents), 45 minutes (\$3.16 for truckers, \$2.97 for residents), 30 minutes (\$2.79 for truckers, \$2.32 for residents), and 15 minutes (\$2.53 for truckers, \$1.66 for residents).
- **Support for Using Tolls as a Method of Funding New Highway Projects in Tennessee.** Seventy percent (70%) of truckers and 74% of residents indicated they support using tolls as a method of funding new highway projects in Tennessee that would otherwise not be built.

Section 1:
Charts and Graphs

Q1. Prior to receiving this survey, had you heard about plans to build the Tennessee River Bridge?

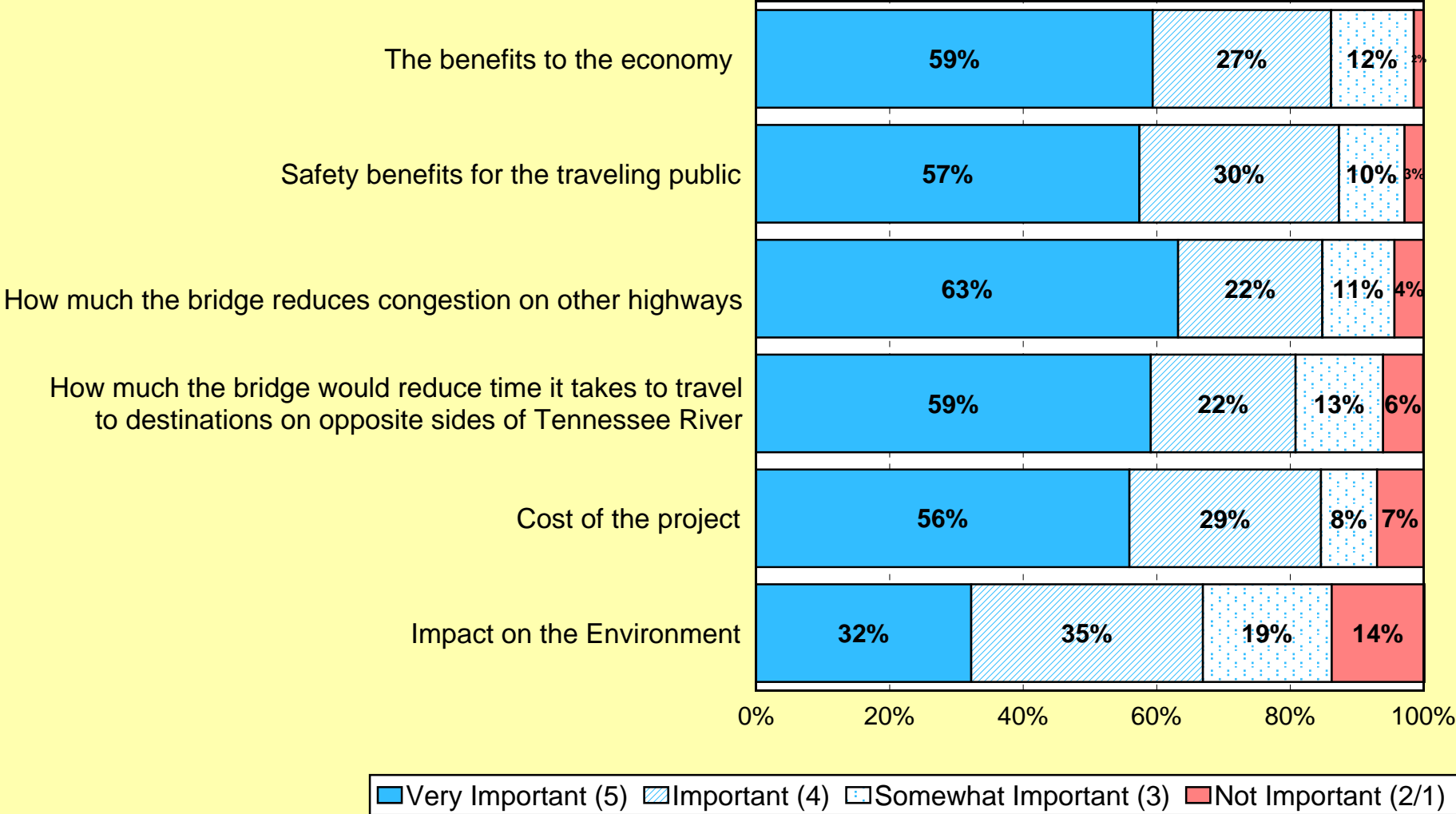
by percentage of respondents



Source: ETC Institute (TDOT River Bridge Toll Survey)

Q2. TRUCKERS - Importance of Issues That Could Impact Plans to Develop a Bridge in Northern Hamilton County

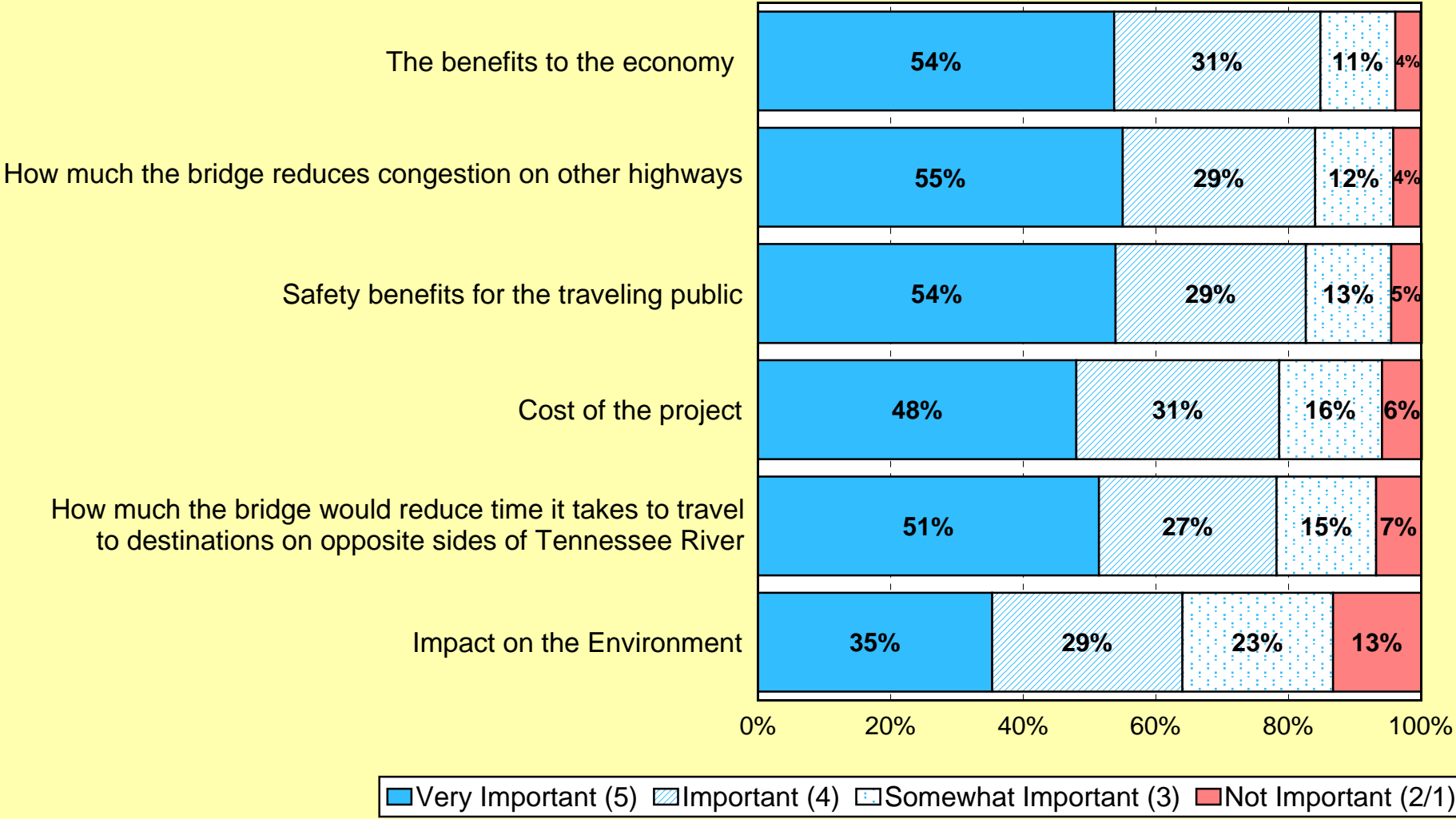
by percentage of respondents (excluding don't knows)



Source: ETC Institute (TDOT River Bridge Toll Survey)

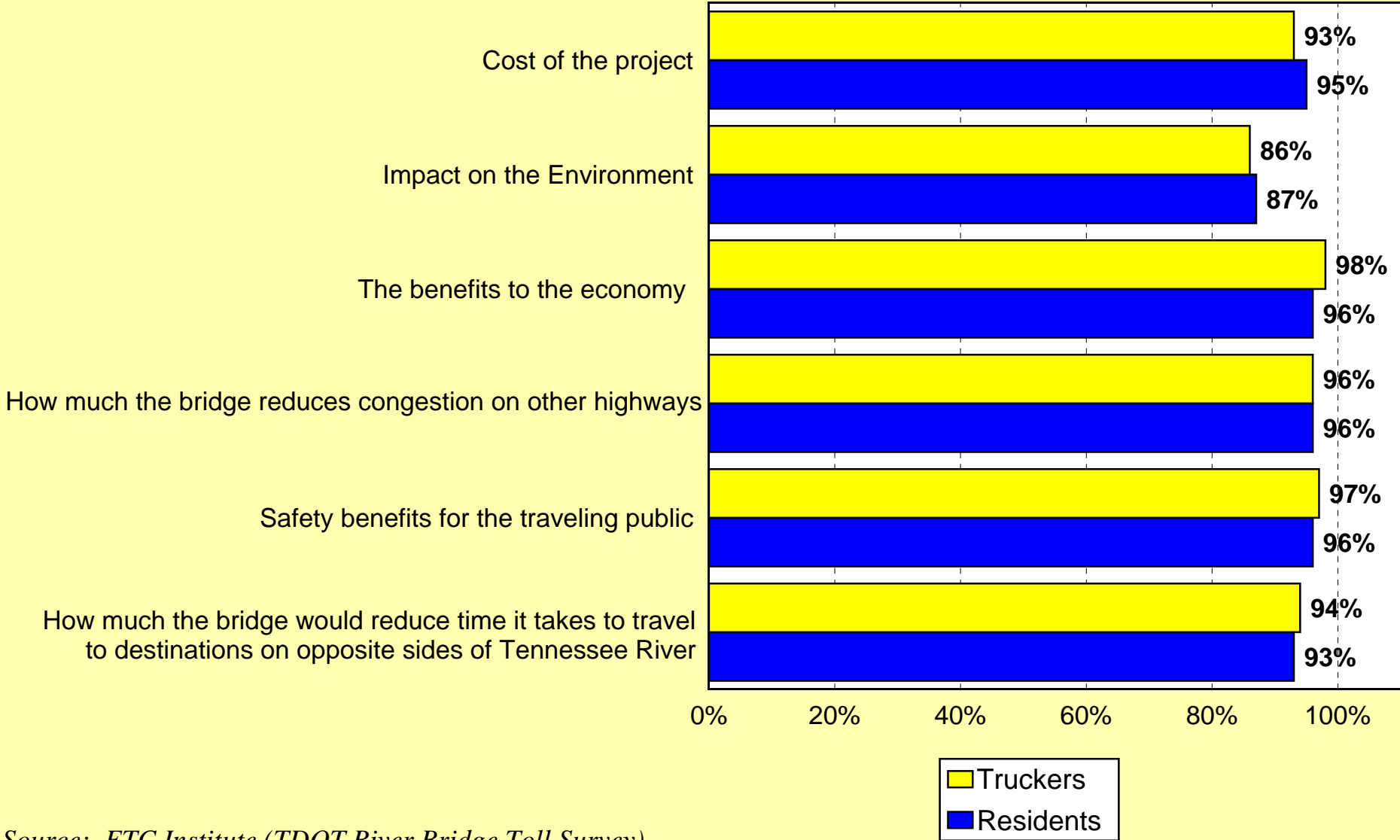
Q2. RESIDENTS - Importance of Issues That Could Impact Plans to Develop a Bridge in Northern Hamilton County

by percentage of respondents (excluding don't knows)



Source: ETC Institute (TDOT River Bridge Toll Survey)

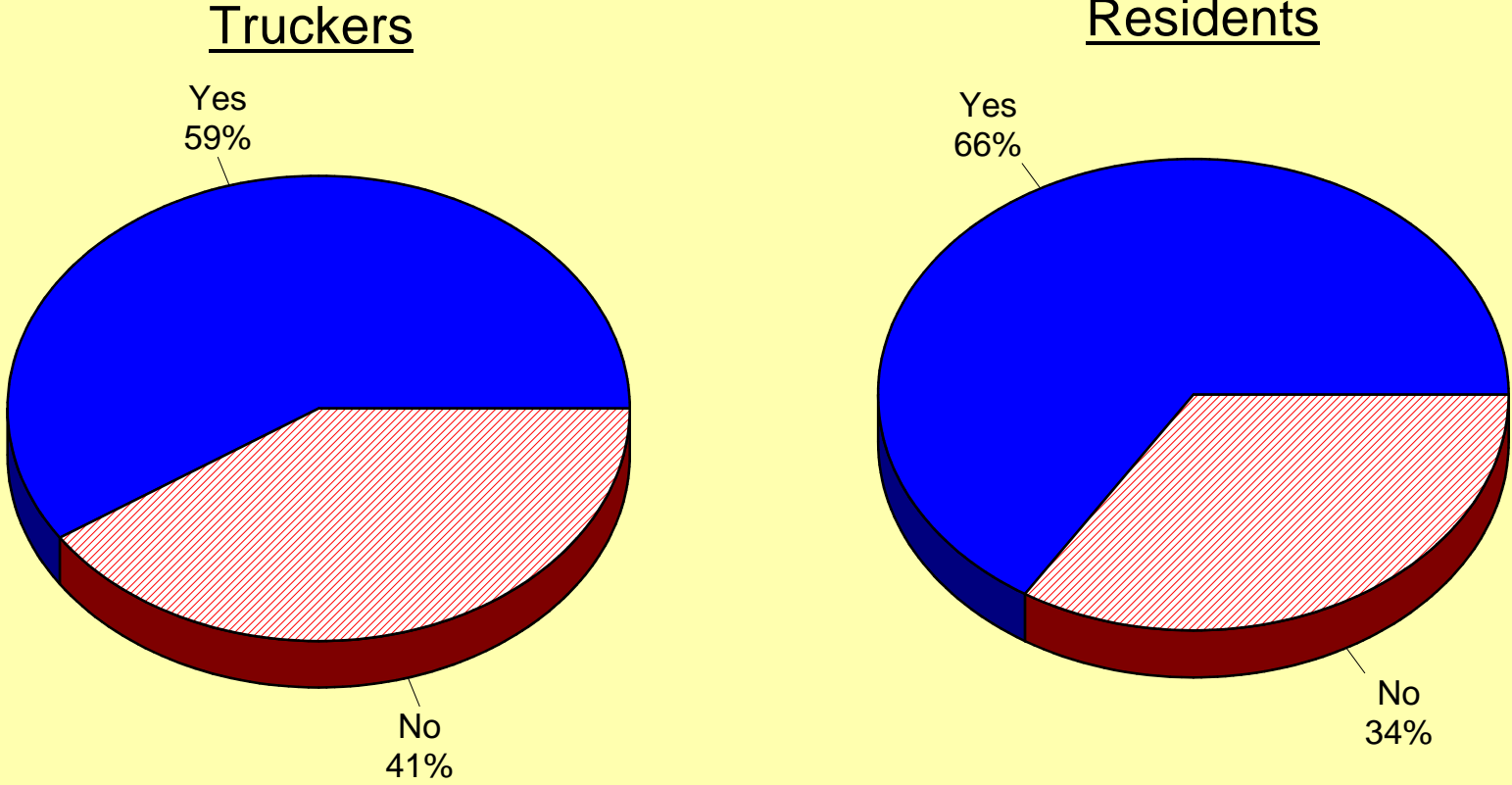
Based on the results of Question 2, this graphic depicts the percentage of respondents who felt the issue was important (excluding "don't knows")



Source: ETC Institute (TDOT River Bridge Toll Survey)

Q3. Do you think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County?

by percentage of respondents (excluding don't knows)



Source: ETC Institute (TDOT River Bridge Toll Survey)

ALTERNATIVE ROUTES BEING CONSIDERED FOR THE TENNESSEE RIVER BRIDGE

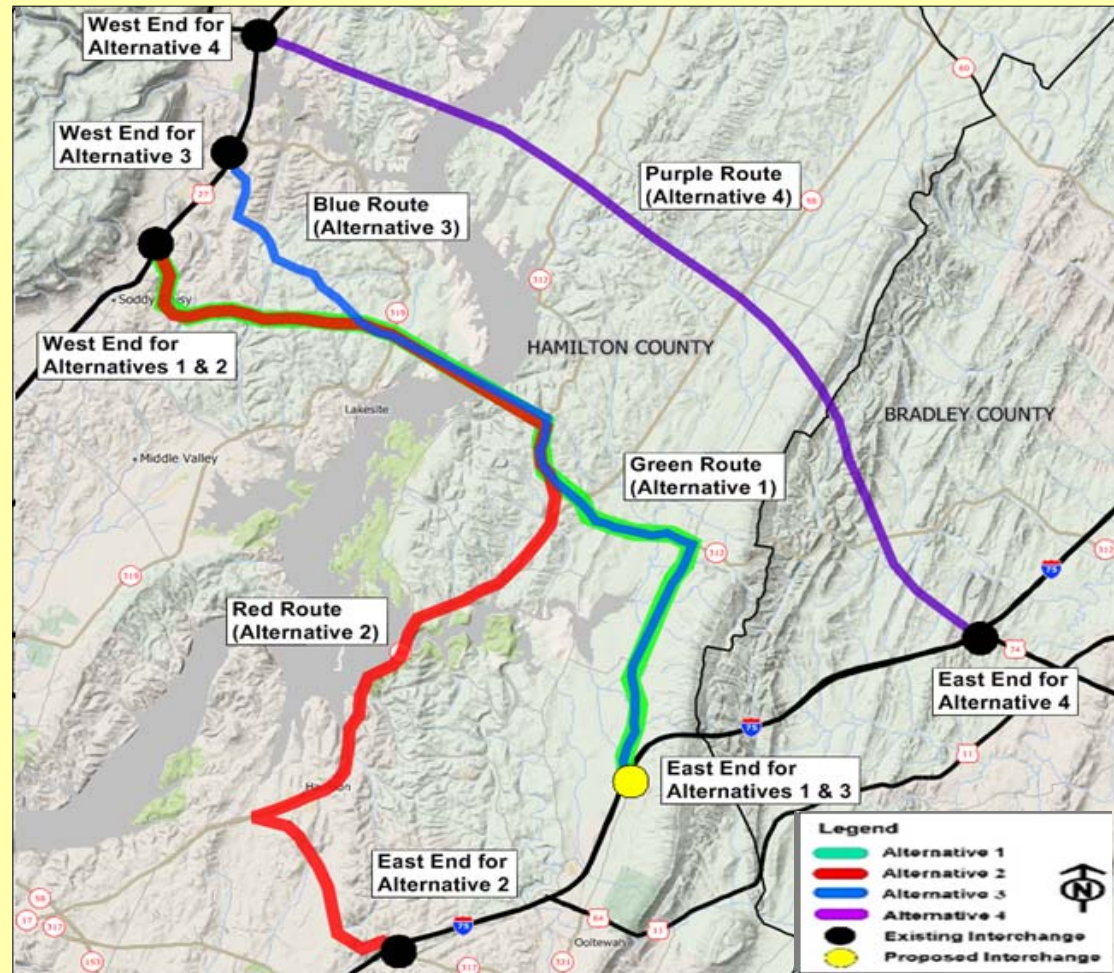
The map below shows four alternative routes that are being considered for the Tennessee River Bridge. Please use this map as a point of reference for the next 6 charts.

GREEN Route (Alternative 1). The FIRST alternative would connect US 27 at Sequoyah Road on the west side of the Tennessee River with I-75 near mile marker 13 on the east side of the river. The GREEN Route combines portions of the Red and Blue Routes.

RED Route (Alternative 2). The SECOND alternative would connect US 27 at Sequoyah Road on the west side of the Tennessee River but would run south onto SR 58 and then go east on Enterprise Park Drive until it connects with I-75 near mile marker 8 on the east side of the river.

BLUE Route (Alternative 3). The THIRD alternative would start at the Hixson Pike interchange with US 27 on the west side of the Tennessee River. It would then follow Hixson Pike to Sequoyah Road, and then follow the same alignment as Alternative 1 where it would connect with I-75 near mile marker 13 on the east side of the Tennessee River.

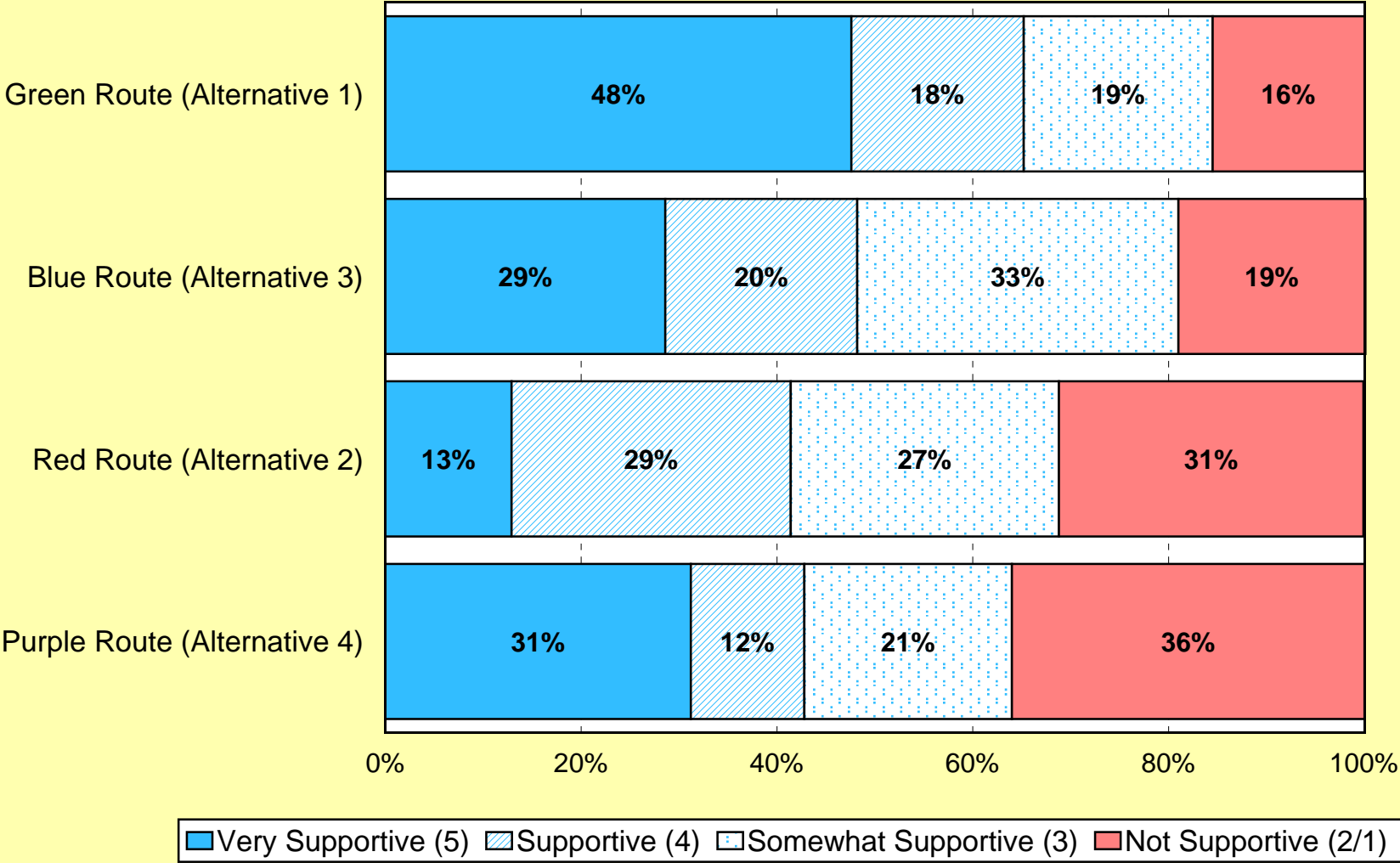
PURPLE Route (Alternative 4). The FOURTH alternative would connect US 27 at the SR 111 Interchange on the west side of the Tennessee River with I-75 near mile marker 20 on the east side of the river.



Source: ETC Institute (TDOT River Bridge Toll Survey)

Q4. TRUCKERS - Support for Having TDOT Build the Bridge at the Following Locations

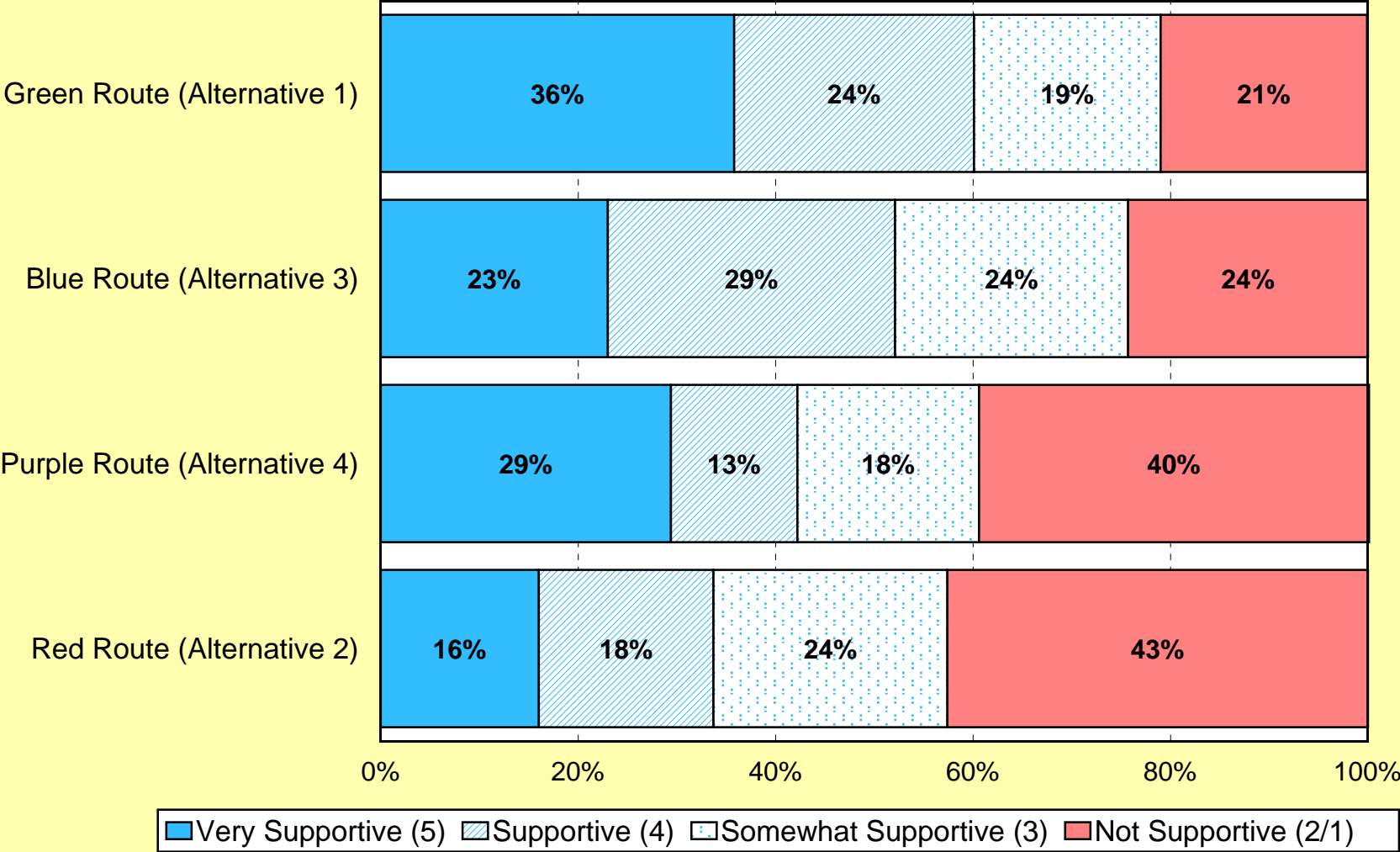
by percentage of respondents (excluding don't knows)



Source: ETC Institute (TDOT River Bridge Toll Survey)

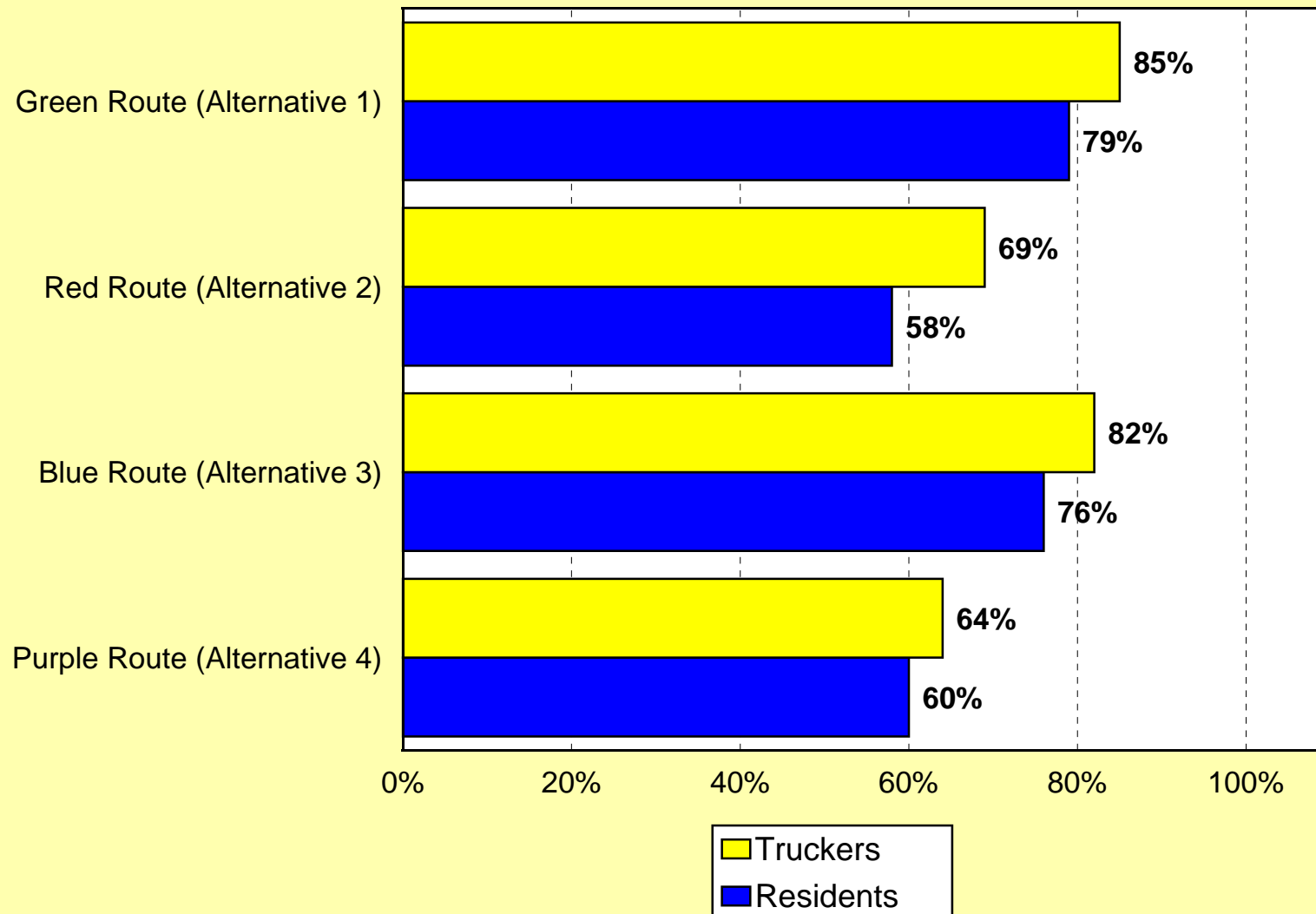
Q4. RESIDENTS - Support for Having TDOT Build the Bridge at the Following Locations

by percentage of respondents (excluding don't knows)



Source: ETC Institute (TDOT River Bridge Toll Survey)

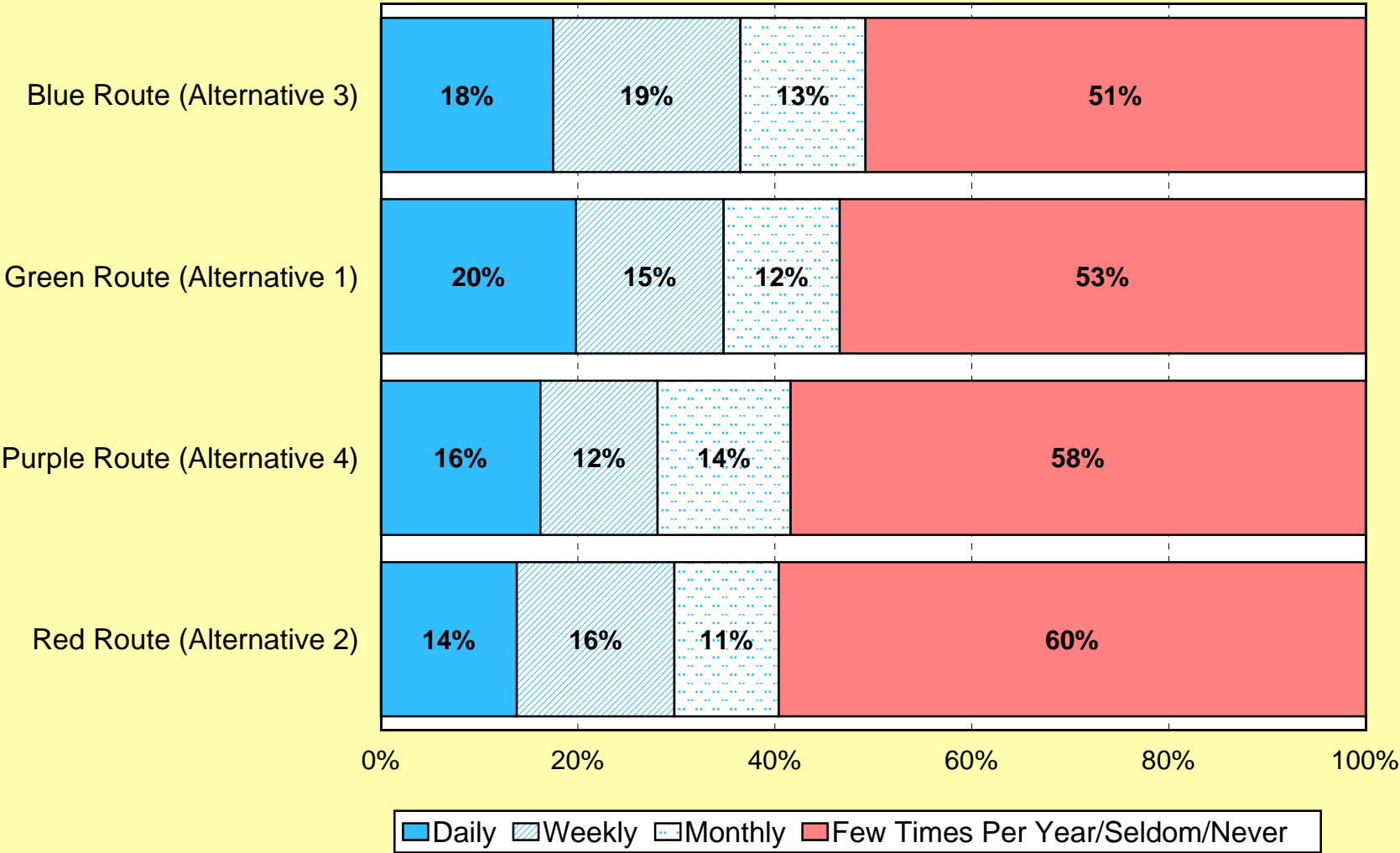
Based on the results of Question 4, this graphic depicts the percentage of respondents who support building the bridge at the specified location (excluding "don't knows")



Source: ETC Institute (TDOT River Bridge Toll Survey)

Q5. TRUCKERS - How Often Respondents Would Use Each of the Four Alternatives Being Considered

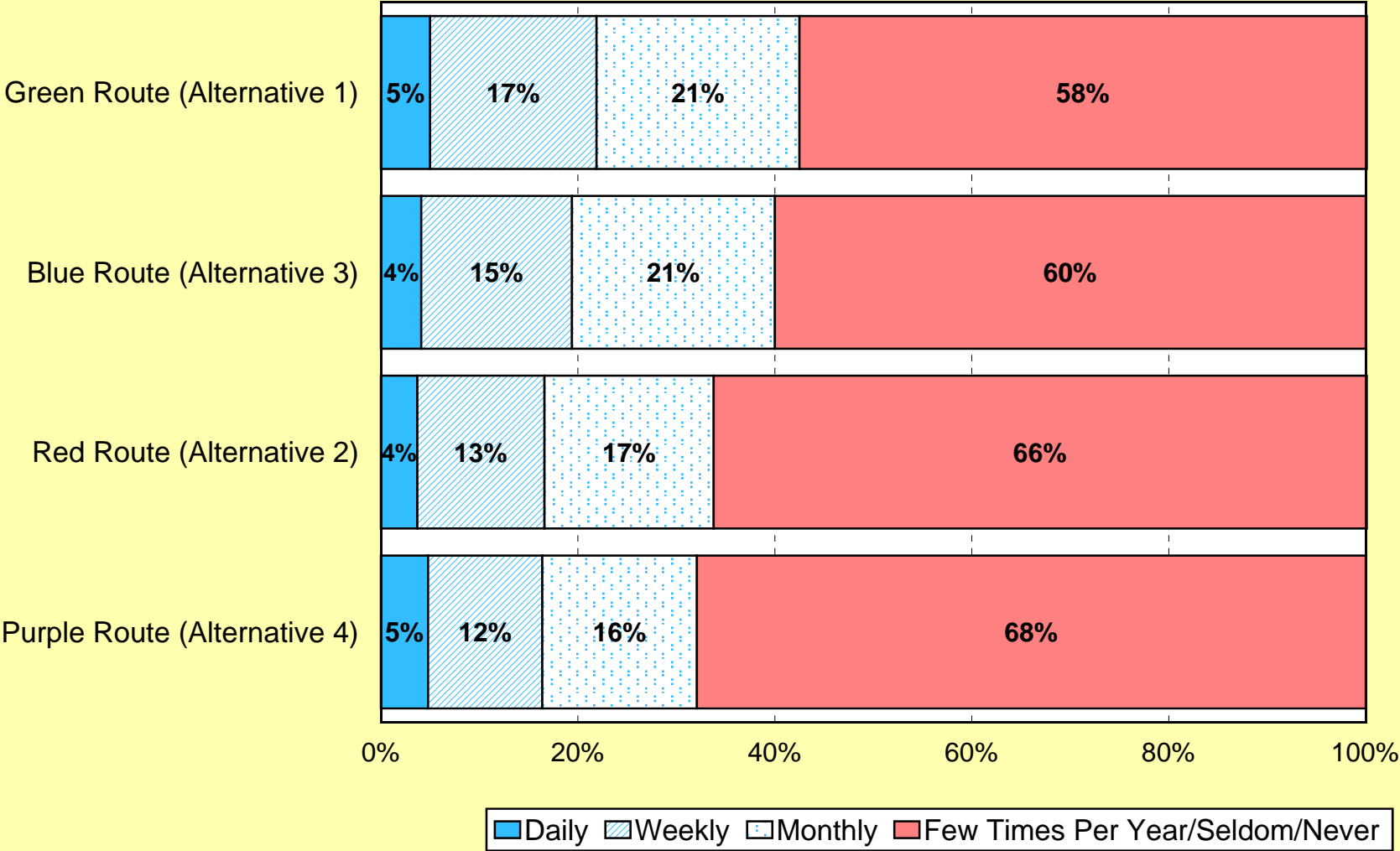
by percentage of respondents (excluding don't knows)



Source: ETC Institute (TDOT River Bridge Toll Survey)

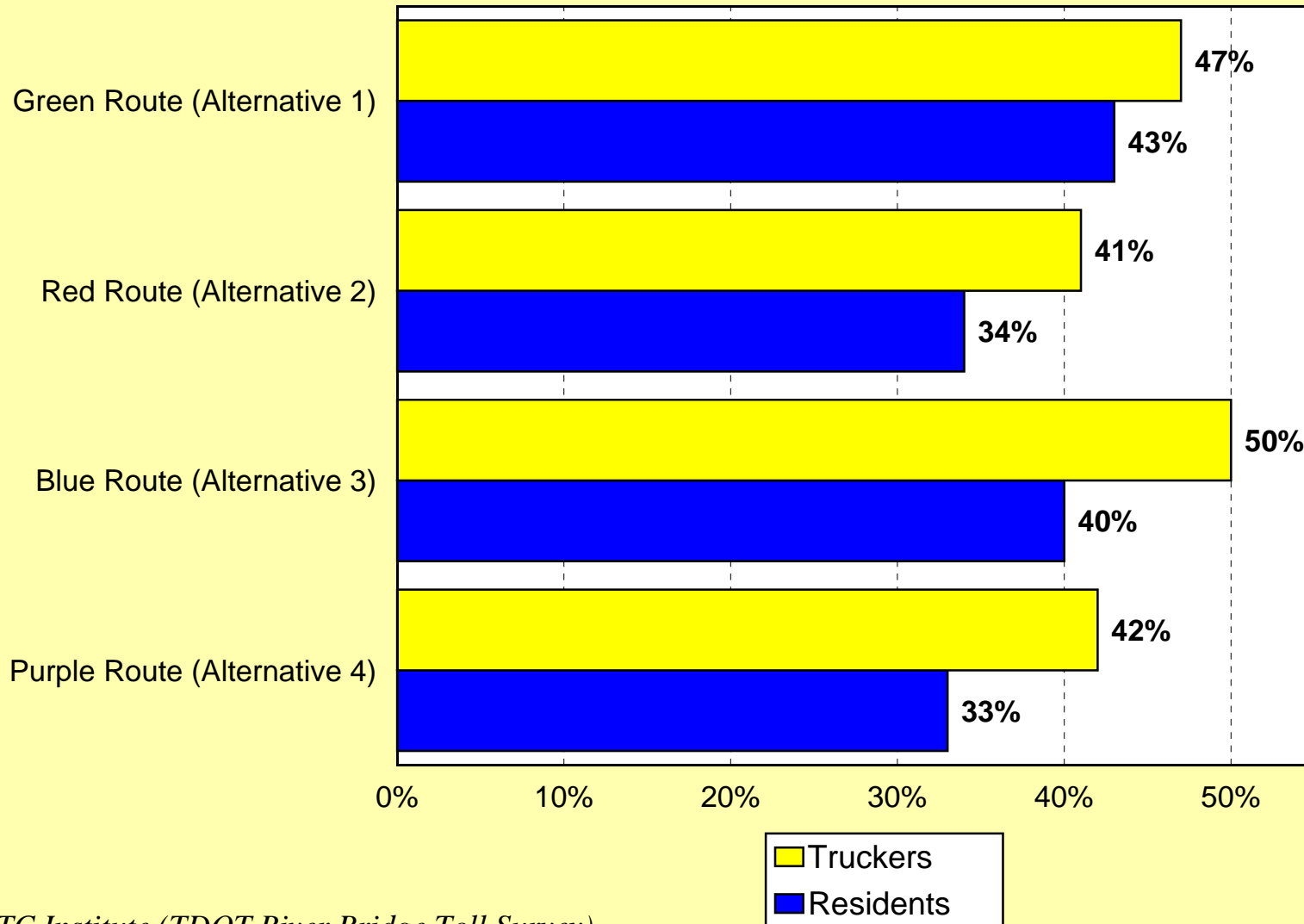
Q5. RESIDENTS - How Often Respondents Would Use Each of the Four Alternatives Being Considered

by percentage of respondents (excluding don't knows)



Source: ETC Institute (TDOT River Bridge Toll Survey)

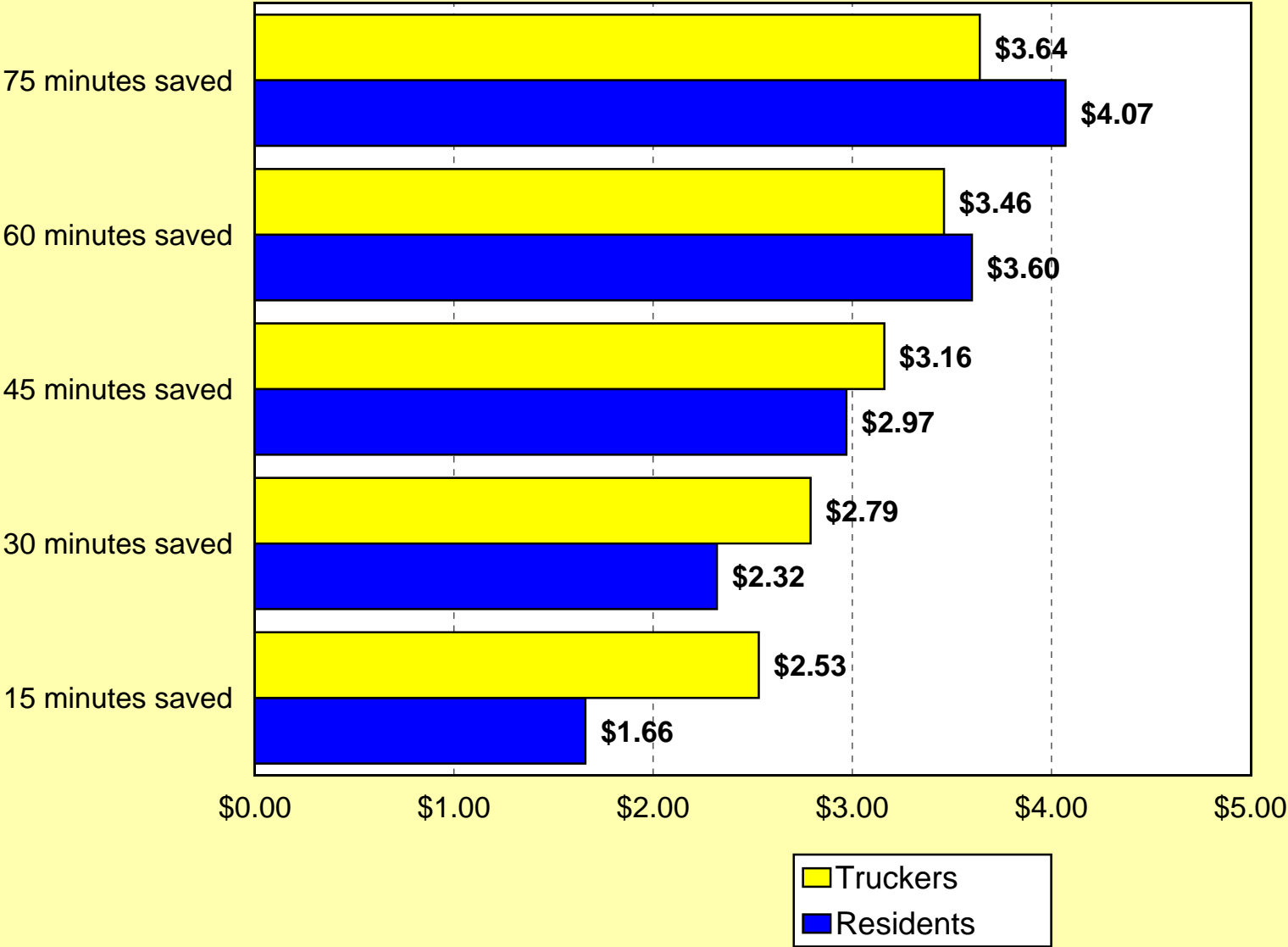
Based on the results of Question 5, this graphic depicts the percentage of respondents who would use the route at least monthly (excluding "don't knows")



Source: ETC Institute (TDOT River Bridge Toll Survey)

Q6. Maximum Amount Respondents Would be Willing to Pay to Save Time by Using a New Bridge

by mean dollar amount respondents are willing to pay (excluding don't knows)

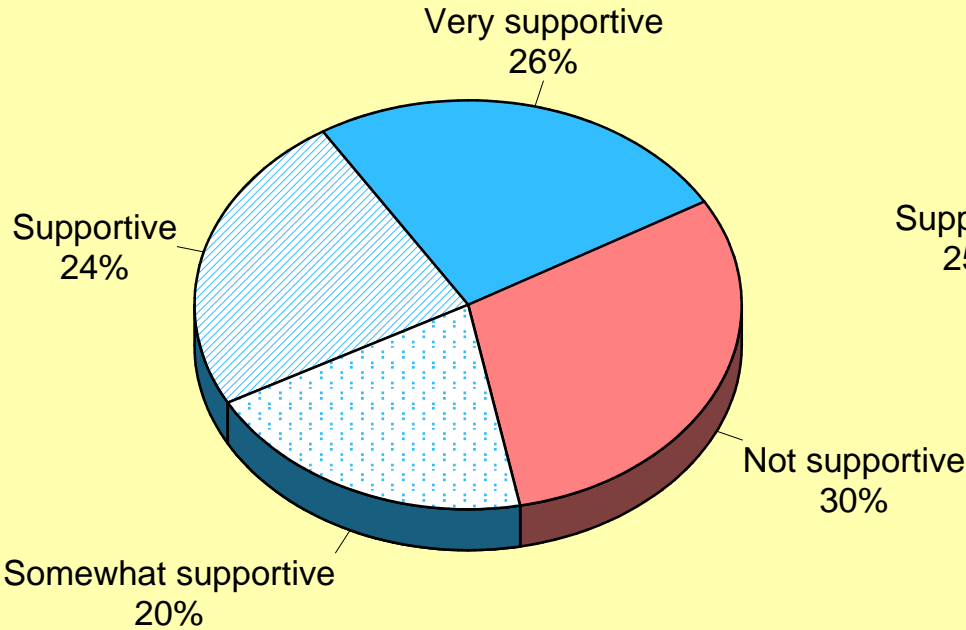


Source: ETC Institute (TDOT River Bridge Toll Survey)

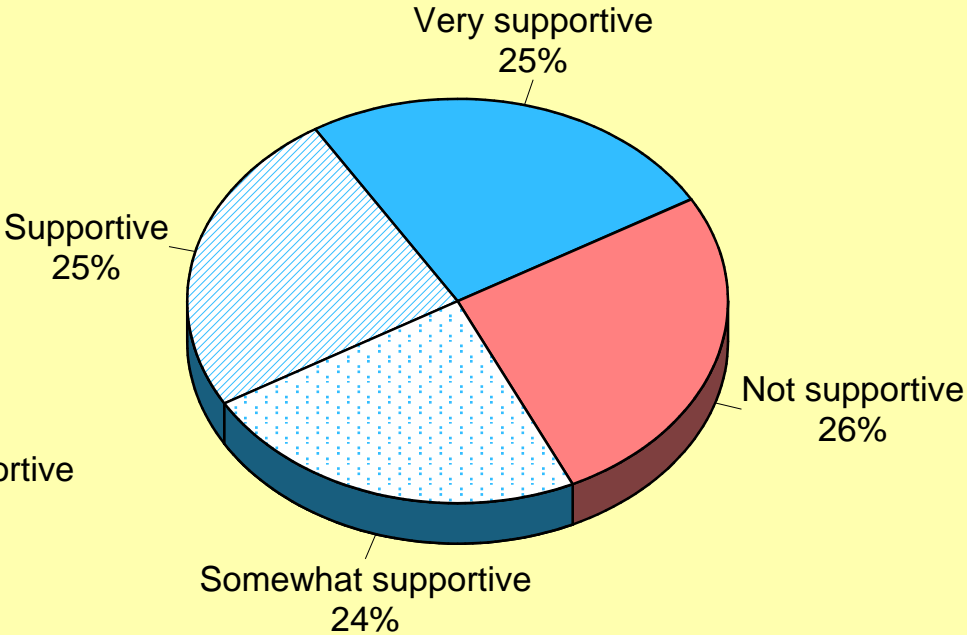
Q7. Support for Using Tolls as a Method of Funding New Highway Projects in Tennessee

by percentage of respondents (excluding don't knows)

Truckers



Residents



Source: ETC Institute (TDOT River Bridge Toll Survey)

Section 2:
Tabular Data

Q1. The Tennessee Department of Transportation is considering plans to develop a toll bridge over the Tennessee River in northern Hamilton County to help connect areas east and west of the Tennessee River. Prior to receiving this survey, had you heard about plans to build the Tennessee River Bridge?

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q1 Heard about plans to build bridge?

Yes	51.7%	40.6%
No	48.3%	59.4%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues.

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q2A Cost of the project

Very important	55.1%	43.8%
Important	28.3%	27.9%
Somewhat important	8.3%	14.1%
Not important	4.4%	3.2%
Not important at all	2.4%	2.2%
Don't know	1.5%	8.8%

Q2B Impact on the environment

Very important	31.7%	32.0%
Important	34.1%	26.0%
Somewhat important	19.0%	20.5%
Not important	9.8%	8.1%
Not important at all	3.9%	3.9%
Don't know	1.5%	9.5%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues.

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q2C Benefits to the economy

Very important	58.5%	48.2%
Important	26.3%	28.0%
Somewhat important	12.2%	10.1%
Not important	1.0%	1.9%
Not important at all	0.5%	1.6%
Don't know	1.5%	10.2%

Q2D Reduces congestion on other hwys

Very important	62.9%	50.0%
Important	21.5%	26.4%
Somewhat important	10.7%	10.7%
Not important	3.9%	1.9%
Not important at all	0.5%	1.9%
Don't know	0.5%	9.0%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues.

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q2E Safety benefits for traveling public

Very important	57.1%	48.8%
Important	29.8%	26.0%
Somewhat important	9.8%	11.7%
Not important	0.0%	2.2%
Not important at all	2.9%	1.9%
Don't know	0.5%	9.5%

Q2F Reduce time to get to opp sides

Very important	57.1%	46.8%
Important	21.0%	24.4%
Somewhat important	12.7%	13.6%
Not important	4.4%	3.1%
Not important at all	1.5%	3.1%
Don't know	3.4%	9.0%

WITHOUT DON'T KNOW

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q2A Cost of the project

Very important	55.9%	48.0%
Important	28.7%	30.6%
Somewhat important	8.4%	15.5%
Not important	4.5%	3.5%
Not important at all	2.5%	2.5%

Q2B Impact on the environment

Very important	32.2%	35.3%
Important	34.7%	28.7%
Somewhat important	19.3%	22.7%
Not important	9.9%	9.0%
Not important at all	4.0%	4.3%

WITHOUT DON'T KNOW

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q2C Benefits to the economy

Very important	59.4%	53.7%
Important	26.7%	31.1%
Somewhat important	12.4%	11.3%
Not important	1.0%	2.1%
Not important at all	0.5%	1.7%

Q2D Reduces congestion on other hwys

Very important	63.2%	55.0%
Important	21.6%	29.0%
Somewhat important	10.8%	11.8%
Not important	3.9%	2.1%
Not important at all	0.5%	2.0%

WITHOUT DON'T KNOW

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q2E Safety benefits for traveling public

Very important	57.4%	53.9%
Important	29.9%	28.7%
Somewhat important	9.8%	12.9%
Not important	0.0%	2.5%
Not important at all	2.9%	2.1%

Q2F Reduce time to get to opp sides

Very important	59.1%	51.4%
Important	21.7%	26.8%
Somewhat important	13.1%	15.0%
Not important	4.5%	3.4%
Not important at all	1.5%	3.4%

Q3. Do you think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County to travel across the Tennessee River?

NUMBER OF RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q3 Good idea to develop toll bridge?

Yes	46.8%	52.1%
No	32.2%	26.7%
Don't know	21.0%	21.3%

WITHOUT DON'T KNOW

Q3. Do you think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County to travel across the Tennessee River? (without "don't know")

NUMBER OF RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q3 Good idea to develop toll bridge?

Yes	59.3%	66.1%
No	40.7%	33.9%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations:

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q4A Green route

Very supportive	43.4%	28.5%
Supportive	16.1%	19.3%
Somewhat supportive	17.6%	15.1%
Not supportive	5.9%	5.7%
Not supportive at all	8.3%	10.9%
Don't know	8.8%	20.5%

Q4B Red route

Very supportive	11.7%	12.5%
Supportive	25.9%	13.8%
Somewhat supportive	24.9%	18.5%
Not supportive	16.1%	14.6%
Not supportive at all	12.2%	18.6%
Don't know	9.3%	22.1%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations:

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q4C Blue route</u>		
Very supportive	26.3%	18.0%
Supportive	18.0%	22.9%
Somewhat supportive	30.2%	18.6%
Not supportive	8.3%	7.4%
Not supportive at all	9.3%	11.7%
Don't know	7.8%	21.4%
<u>Q4D Purple route</u>		
Very supportive	28.8%	23.5%
Supportive	10.7%	10.2%
Somewhat supportive	19.5%	14.7%
Not supportive	17.1%	13.2%
Not supportive at all	16.1%	18.4%
Don't know	7.8%	20.0%

WITHOUT DON'T KNOW

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q4A Green route</u>		
Very supportive	47.6%	35.8%
Supportive	17.6%	24.3%
Somewhat supportive	19.3%	18.9%
Not supportive	6.4%	7.2%
Not supportive at all	9.1%	13.7%

Q4B Red route

Very supportive	12.9%	16.0%
Supportive	28.5%	17.7%
Somewhat supportive	27.4%	23.7%
Not supportive	17.7%	18.8%
Not supportive at all	13.4%	23.8%

WITHOUT DON'T KNOW

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q4C Blue route</u>		
Very supportive	28.6%	23.0%
Supportive	19.6%	29.1%
Somewhat supportive	32.8%	23.6%
Not supportive	9.0%	9.4%
Not supportive at all	10.1%	14.9%
 <u>Q4D Purple route</u>		
Very supportive	31.2%	29.4%
Supportive	11.6%	12.8%
Somewhat supportive	21.2%	18.4%
Not supportive	18.5%	16.5%
Not supportive at all	17.5%	23.0%

Q5. Please indicate how often you would use each of the four alternatives that are being considered.NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q5A Green route (Alternative 1)

Daily	18.0%	4.0%
Weekly	13.7%	13.5%
Monthly	10.7%	16.5%
A few times per year	27.3%	22.1%
Seldom/never	21.5%	24.0%
Don't know	8.8%	19.9%

Q5B Red Route (Alternative 2)

Daily	12.7%	2.9%
Weekly	14.6%	10.0%
Monthly	9.8%	13.3%
A few times per year	25.4%	21.3%
Seldom/never	29.3%	30.2%
Don't know	8.3%	22.3%

Q5. Please indicate how often you would use each of the four alternatives that are being considered.NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q5C Blue Route (Alternative 3)

Daily	16.1%	3.2%
Weekly	17.6%	11.9%
Monthly	11.7%	16.1%
A few times per year	22.9%	21.7%
Seldom/never	23.9%	25.1%
Don't know	7.8%	21.9%

Q5D Purple Route (Alternative 4)

Daily	14.6%	3.8%
Weekly	10.7%	9.1%
Monthly	12.2%	12.4%
A few times per year	24.9%	18.6%
Seldom/never	27.8%	34.8%
Don't know	9.8%	21.3%

WITHOUT DON'T KNOW**Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")**NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q5A Green route (Alternative 1)

Daily	19.8%	5.0%
Weekly	15.0%	16.9%
Monthly	11.8%	20.6%
A few times per year	29.9%	27.6%
Seldom/never	23.5%	30.0%

Q5B Red Route (Alternative 2)

Daily	13.8%	3.7%
Weekly	16.0%	12.9%
Monthly	10.6%	17.2%
A few times per year	27.7%	27.4%
Seldom/never	31.9%	38.9%

WITHOUT DON'T KNOW

Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q5C Blue Route (Alternative 3)

Daily	17.5%	4.1%
Weekly	19.0%	15.3%
Monthly	12.7%	20.6%
A few times per year	24.9%	27.8%
Seldom/never	25.9%	32.2%

Q5D Purple Route (Alternative 4)

Daily	16.2%	4.8%
Weekly	11.9%	11.6%
Monthly	13.5%	15.7%
A few times per year	27.6%	23.6%
Seldom/never	30.8%	44.3%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below?

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q6A 75 Minutes</u>		
\$1	30.7%	16.4%
\$2	7.3%	9.8%
\$3	11.2%	7.2%
\$4	6.8%	5.3%
\$5	12.2%	16.3%
\$6	3.4%	2.3%
\$7	1.5%	1.6%
\$8	2.9%	1.2%
\$9	0.0%	0.4%
\$10	4.4%	4.2%
\$12	0.0%	0.4%
\$14	0.5%	0.1%
\$15	2.0%	1.7%
Nothing/No Answer	17.1%	33.2%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below?

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q6B 60 Minutes</u>		
\$1	23.9%	16.0%
\$2	14.6%	12.2%
\$3	12.2%	8.7%
\$4	11.2%	10.7%
\$5	5.4%	9.6%
\$6	5.9%	1.9%
\$7	1.5%	1.6%
\$8	2.0%	1.6%
\$9	0.5%	0.4%
\$10	1.5%	2.0%
\$11	1.0%	0.0%
\$12	1.5%	0.7%
\$13	0.0%	0.1%
\$14	1.0%	0.0%
\$15	0.0%	0.8%
Nothing/No Answer	18.0%	33.5%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below?

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q6C 45 Minutes</u>		
\$1	24.4%	20.1%
\$2	14.1%	13.6%
\$3	20.0%	15.1%
\$4	6.8%	5.8%
\$5	7.8%	6.8%
\$6	2.0%	2.1%
\$7	2.0%	0.7%
\$8	2.4%	1.0%
\$9	1.0%	0.2%
\$10	0.5%	1.3%
\$12	1.0%	0.1%
\$13	1.0%	0.1%
\$15	0.0%	0.4%
Nothing/No Answer	17.1%	32.4%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below?

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q6D 30 Minutes</u>		
\$1	30.2%	27.1%
\$2	20.5%	19.9%
\$3	10.2%	9.2%
\$4	6.3%	3.7%
\$5	5.9%	5.2%
\$6	2.4%	1.0%
\$7	2.4%	0.3%
\$8	2.0%	0.6%
\$10	0.0%	0.5%
\$12	1.0%	0.0%
\$13	1.0%	0.0%
\$15	0.0%	0.2%
Nothing/No Answer	18.0%	32.1%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below?

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q6E 15 Minutes

\$1	42.9%	42.7%
\$2	13.2%	12.4%
\$3	8.3%	4.0%
\$4	1.5%	1.2%
\$5	5.9%	3.0%
\$6	1.0%	0.3%
\$7	1.0%	0.2%
\$8	3.4%	0.1%
\$9	1.0%	0.0%
\$10	0.0%	0.1%
\$11	1.0%	0.0%
\$14	1.0%	0.0%
\$15	0.0%	0.1%
Nothing/No Answer	20.0%	35.9%

WITHOUT DON'T KNOW

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q6A 75 Minutes</u>		
\$1	37.1%	24.6%
\$2	8.8%	14.6%
\$3	13.5%	10.7%
\$4	8.2%	7.9%
\$5	14.7%	24.3%
\$6	4.1%	3.5%
\$7	1.8%	2.5%
\$8	3.5%	1.8%
\$9	0.0%	0.7%
\$10	5.3%	6.3%
\$12	0.0%	0.6%
\$14	0.6%	0.1%
\$15	2.4%	2.6%

WITHOUT DON'T KNOW

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1546

	GROUP	
	Trucker Association Sample	Resident Sample
<u>Q6B 60 Minutes</u>		
\$1	29.2%	24.1%
\$2	17.9%	18.4%
\$3	14.9%	13.1%
\$4	13.7%	16.1%
\$5	6.5%	14.5%
\$6	7.1%	2.8%
\$7	1.8%	2.4%
\$8	2.4%	2.5%
\$9	0.6%	0.7%
\$10	1.8%	3.0%
\$11	1.2%	0.0%
\$12	1.8%	1.0%
\$13	0.0%	0.2%
\$14	1.2%	0.0%
\$15	0.0%	1.2%

WITHOUT DON'T KNOW

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q6C 45 Minutes

\$1	29.4%	29.7%
\$2	17.1%	20.2%
\$3	24.1%	22.4%
\$4	8.2%	8.6%
\$5	9.4%	10.0%
\$6	2.4%	3.1%
\$7	2.4%	1.1%
\$8	2.9%	1.5%
\$9	1.2%	0.3%
\$10	0.6%	2.0%
\$12	1.2%	0.2%
\$13	1.2%	0.1%
\$15	0.0%	0.7%

WITHOUT DON'T KNOW

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q6D 30 Minutes

\$1	36.9%	40.0%
\$2	25.0%	29.3%
\$3	12.5%	13.5%
\$4	7.7%	5.5%
\$5	7.1%	7.7%
\$6	3.0%	1.5%
\$7	3.0%	0.4%
\$8	2.4%	0.9%
\$10	0.0%	0.8%
\$12	1.2%	0.0%
\$13	1.2%	0.0%
\$15	0.0%	0.3%

WITHOUT DON'T KNOW

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q6E 15 Minutes

\$1	53.7%	66.6%
\$2	16.5%	19.3%
\$3	10.4%	6.2%
\$4	1.8%	1.9%
\$5	7.3%	4.7%
\$6	1.2%	0.5%
\$7	1.2%	0.3%
\$8	4.3%	0.2%
\$9	1.2%	0.0%
\$10	0.0%	0.1%
\$11	1.2%	0.0%
\$14	1.2%	0.0%
\$15	0.0%	0.2%

WITHOUT DON'T KNOW

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q6A 75 Minutes

Mean = \$3.64	Mean = \$4.07
Median = \$3.00	Median = \$4.00

Q6B 60 Minutes

Mean = \$3.46	Mean = \$3.60
Median = \$3.00	Median = \$3.00

Q6C 45 Minutes

Mean = \$3.16	Mean = \$2.97
Median = \$3.00	Median = \$3.00

Q6D 30 Minutes

Mean = \$2.79	Mean = \$2.32
Median = \$2.00	Median = \$2.00

Q6E15 Minutes

Mean = \$2.53	Mean = \$1.66
Median = \$1.00	Median = \$1.00

Q7. In general, how supportive would you be of using tolls as a method of funding new highway projects in Tennessee that would otherwise not be built due to the lack of funding?

NUMBER OF RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q7 Support for using tolls to fund new hwy projects

Very supportive	25.4%	24.2%
Supportive	23.9%	23.5%
Somewhat supportive	20.0%	22.4%
Not supportive	12.2%	8.9%
Not supportive at all	18.0%	16.3%
Don't know	0.5%	4.6%

WITHOUT DON'T KNOW

Q7. In general, how supportive would you be of using tolls as a method of funding new highway projects in Tennessee that would otherwise not be built due to the lack of funding? (without "don't know")

NUMBER OF RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q7 Support for using tolls to fund new hwy projects

Very supportive	25.5%	25.4%
Supportive	24.0%	24.6%
Somewhat supportive	20.1%	23.5%
Not supportive	12.3%	9.4%
Not supportive at all	18.1%	17.1%

Q8. Are you a commercial driver?NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q8 Are you a commercial driver?

Yes	28.3%	5.6%
No	71.7%	93.7%
Not provided	0.0%	0.7%

Q9. What is your age?NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q9 Your age

18-34 years	27.8%	18.0%
35-44 years	22.0%	20.4%
45-54 years	19.0%	20.5%
55-64 years	25.9%	19.8%
65+ years	3.9%	17.9%
Not provided	1.5%	3.4%

RESIDENT SURVEY RESULTS**Q10. What is your home zip code?**

<u>Q10 Home zip code</u>	<u>Number</u>	<u>Percent</u>
37302	9	0.7 %
37308	6	0.4 %
37310	12	0.9 %
37311	31	2.3 %
37312	109	8.1 %
37320	4	0.3 %
37323	57	4.3 %
37336	10	0.7 %
37341	52	3.9 %
37343	142	10.6 %
37350	11	0.8 %
37353	26	1.9 %
37363	129	9.6 %
37373	6	0.4 %
37377	52	3.9 %
37379	97	7.2 %
37402	7	0.5 %
37403	6	0.4 %
37404	82	6.1 %
37405	42	3.1 %
37406	64	4.8 %
37407	11	0.8 %
37408	6	0.4 %
37409	3	0.2 %
37410	11	0.8 %
37411	71	5.3 %
37412	46	3.4 %
37415	54	4.0 %
37416	47	3.5 %
37419	18	1.3 %
37421	120	8.9 %
Total	1341	100.0 %

TRUCKER ASSOCIATION SURVEY RESULTS**Q10. What is your home zip code?**

<u>Q10 Home zip code</u>	<u>Number</u>	<u>Percent</u>
37027	3	2.0 %
37030	1	0.7 %
37062	1	0.7 %
37069	1	0.7 %
37073	2	1.3 %
37075	2	1.3 %
37076	1	0.7 %
37086	2	1.3 %
37122	1	0.7 %
37129	1	0.7 %
37160	1	0.7 %
37167	2	1.3 %
37174	1	0.7 %
37187	2	1.3 %
37209	1	0.7 %
37211	1	0.7 %
37212	2	1.3 %
37220	1	0.7 %
37221	2	1.3 %
37231	2	1.3 %
37308	1	0.7 %
37310	1	0.7 %
37311	3	2.0 %
37312	3	2.0 %
37320	2	1.3 %
37323	3	2.0 %
37336	2	1.3 %
37341	1	0.7 %
37343	16	10.5 %
37347	1	0.7 %
37363	8	5.2 %
37373	2	1.3 %
37377	2	1.3 %
37379	24	15.7 %
37397	1	0.7 %
37401	3	2.0 %
37404	3	2.0 %
37411	1	0.7 %
37412	2	1.3 %
37415	3	2.0 %
37416	2	1.3 %
37421	4	2.6 %
37620	2	1.3 %
37643	1	0.7 %
37743	2	1.3 %
37772	1	0.7 %
37803	3	2.0 %
37830	1	0.7 %
37849	1	0.7 %
37857	1	0.7 %
37891	1	0.7 %
37909	1	0.7 %
37914	1	0.7 %
37923	3	2.0 %
37932	1	0.7 %
37934	2	1.3 %
38120	1	0.7 %
38225	1	0.7 %
38344	1	0.7 %
38351	2	1.3 %
38501	3	2.0 %
38583	2	1.3 %
38611	2	1.3 %
38632	2	1.3 %
Total	153	100.0 %

RESIDENT SURVEY RESULTS**Q11. What is your work zip code?**

Q11 Work zip code	Number	Percent
30320	1	0.1 %
30336	1	0.1 %
30705	1	0.1 %
30707	1	0.1 %
30720	1	0.1 %
30721	1	0.1 %
30722	1	0.1 %
30728	2	0.2 %
30736	5	0.5 %
30741	1	0.1 %
30742	5	0.5 %
30750	1	0.1 %
30752	1	0.1 %
30824	1	0.1 %
30830	1	0.1 %
32602	1	0.1 %
35772	1	0.1 %
37202	1	0.1 %
37302	4	0.4 %
37303	4	0.4 %
37308	1	0.1 %
37309	2	0.2 %
37310	11	1.2 %
37311	50	5.4 %
37312	57	6.1 %
37315	12	1.3 %
37320	2	0.2 %
37321	9	1.0 %
37323	16	1.7 %
37331	1	0.1 %
37336	3	0.3 %
37341	9	1.0 %
37342	1	0.1 %
37343	53	5.7 %
37347	1	0.1 %
37350	2	0.2 %
37353	4	0.4 %
37363	43	4.6 %
37364	2	0.2 %
37365	1	0.1 %
37367	1	0.1 %
37373	2	0.2 %
37377	8	0.9 %
37379	32	3.4 %
37380	1	0.1 %
37381	4	0.4 %
37384	2	0.2 %
37401	14	1.5 %
37402	93	10.0 %
37403	46	5.0 %
37404	49	5.3 %
37405	33	3.6 %
37406	41	4.4 %
37407	14	1.5 %
37408	13	1.4 %
37409	7	0.8 %
37410	5	0.5 %
37411	29	3.1 %
37412	22	2.4 %
37415	27	2.9 %
37416	34	3.7 %
37418	1	0.1 %
37419	11	1.2 %
37420	1	0.1 %

RESIDENT SURVEY RESULTS**Q11. What is your work zip code? (cont.)**

<u>Q11 Work zip code (cont.)</u>	<u>Number</u>	<u>Percent</u>
37421	108	11.6 %
37422	5	0.5 %
37423	1	0.1 %
37441	1	0.1 %
37450	4	0.4 %
37452	1	0.1 %
37777	1	0.1 %
38119	1	0.1 %
74022	1	0.1 %
Total	928	100.0 %

TRUCKER ASSOCIATION SURVEY RESULTS**Q11. What is your work zip code?**

Q11 Work zip code	Number	Percent
26402	2	1.0 %
30189	2	1.0 %
30720	2	1.0 %
30736	1	0.5 %
37030	1	0.5 %
37067	2	1.0 %
37076	1	0.5 %
37086	3	1.5 %
37160	1	0.5 %
37167	1	0.5 %
37203	2	1.0 %
37204	1	0.5 %
37209	1	0.5 %
37210	6	2.9 %
37211	4	2.0 %
37215	2	1.0 %
37219	1	0.5 %
37243	1	0.5 %
37311	9	4.4 %
37312	1	0.5 %
37315	3	1.5 %
37323	1	0.5 %
37336	2	1.0 %
37341	2	1.0 %
37343	3	1.5 %
37355	1	0.5 %
37363	4	2.0 %
37373	2	1.0 %
37379	9	4.4 %
37380	2	1.0 %
37397	2	1.0 %
37401	2	1.0 %
37402	5	2.4 %
37403	4	2.0 %
37405	1	0.5 %
37406	2	1.0 %
37407	5	2.4 %
37408	2	1.0 %
37416	1	0.5 %
37421	11	5.4 %
37424	1	0.5 %
37450	2	1.0 %
37620	5	2.4 %
37660	1	0.5 %
37801	3	1.5 %
37813	2	1.0 %
37891	1	0.5 %
37909	1	0.5 %
37914	3	1.5 %
37917	2	1.0 %
37919	1	0.5 %
37922	1	0.5 %
37924	1	0.5 %
37932	2	1.0 %
38116	2	1.0 %
38118	1	0.5 %
38132	2	1.0 %
38225	2	1.0 %
38351	2	1.0 %
38501	1	0.5 %
38502	1	0.5 %
38506	2	1.0 %
38549	1	0.5 %
42071	1	0.5 %
46062	1	0.5 %
Not provided	55	26.8 %
Total	205	100.0 %

Q12. Do you live east or west of the Tennessee River?NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q12 Live east/west of Tennessee river

East	54.1%	64.7%
West	45.9%	33.0%
Don't know	0.0%	2.3%

Q13. What is your annual household income?NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q13 Annual household income

Under \$30K	4.9%	15.5%
\$30K-\$59,999	17.6%	20.1%
\$60K-\$89,999	13.7%	18.0%
\$90K-\$119,999	18.0%	15.9%
\$120K+	29.8%	20.3%
Not provided	16.1%	10.2%

Q14. What is your gender?NUMBER OF
RESPONSES=1546

GROUP	
Trucker Association Sample	Resident Sample

Q14 Gender

Male	66.3%	51.2%
Female	33.7%	48.8%

RESIDENT SURVEY RESULTS

Zone

<u>Zone</u>	<u>Number</u>	<u>Percent</u>
Eastern Hamilton County	351	26.2 %
Western Hamilton County	427	31.8 %
Southern Hamilton County	314	23.4 %
Bradley County	249	18.6 %
Total	1341	100.0 %

Zone	AREA	ZIP
E	Eastern Hamilton County	37343
		37351
		37373
		37377
		37379
		37415
W	Western Hamilton County	37302
		37308
		37315
		37336
		37341
		37353
		37363
		37406
		37416
		37421
		37338
		S
37396		
37402		
37403		
37404		
37405		
37407		
37408		
37409		
37410		
37411		
37412		
37419		
B	Bradley County	Random from the Entire County

Section 3:
Resident Cross-tabular Data
by Age

Q1. The Tennessee Department of Transportation is considering plans to develop a toll bridge over the Tennessee River in northern Hamilton County to help connect areas east and west of the Tennessee River. Prior to receiving this survey, had you heard about plans to build the Tennessee River Bridge?

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q1 Heard about plans to build bridge?</u>						
Yes	37.2%	40.7%	50.9%	38.9%	36.7%	40.6%
No	62.8%	59.3%	49.1%	61.1%	63.3%	59.4%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q2A Cost of the project</u>						
Very important	40.6%	48.0%	45.3%	51.3%	52.2%	48.0%
Important	34.1%	32.0%	30.6%	30.8%	28.4%	30.6%
Somewhat important	15.7%	13.7%	19.4%	15.8%	12.9%	15.5%
Not important	5.7%	4.3%	3.5%	1.7%	3.0%	3.5%
Not important at all	3.9%	2.0%	1.2%	0.4%	3.5%	2.5%
 <u>Q2B Impact on the environment</u>						
Very important	40.4%	32.5%	36.0%	36.4%	28.9%	35.3%
Important	29.1%	32.9%	29.5%	24.7%	28.9%	28.7%
Somewhat important	18.7%	24.2%	22.1%	27.2%	22.3%	22.7%
Not important	7.8%	6.3%	10.9%	7.5%	13.2%	9.0%
Not important at all	3.9%	4.0%	1.6%	4.2%	6.6%	4.3%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q2C Benefits to the economy</u>						
Very important	52.7%	55.6%	58.8%	54.2%	46.2%	53.7%
Important	34.1%	29.6%	27.5%	30.4%	38.1%	31.1%
Somewhat important	10.6%	11.2%	11.8%	12.9%	9.6%	11.3%
Not important	2.2%	2.0%	1.2%	1.7%	3.0%	2.1%
Not important at all	0.4%	1.6%	0.8%	0.8%	3.0%	1.7%
 <u>Q2D Reduces congestion on other hwys</u>						
Very important	54.3%	59.2%	60.1%	51.9%	49.5%	55.0%
Important	30.9%	23.5%	27.9%	32.5%	33.3%	29.0%
Somewhat important	12.2%	13.3%	10.5%	12.3%	9.6%	11.8%
Not important	1.7%	2.7%	0.8%	1.6%	3.5%	2.1%
Not important at all	0.9%	1.2%	0.8%	1.6%	4.0%	2.0%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q2E Safety benefits for traveling public</u>						
Very important	50.9%	56.7%	59.4%	53.5%	49.5%	53.9%
Important	29.8%	29.1%	24.4%	28.6%	33.3%	28.7%
Somewhat important	13.6%	10.2%	14.2%	15.1%	11.1%	12.9%
Not important	3.5%	2.4%	1.6%	1.6%	3.0%	2.5%
Not important at all	2.2%	1.6%	0.4%	1.2%	3.0%	2.1%
 <u>Q2F Reduce time to get to opp sides</u>						
Very important	55.7%	53.5%	57.1%	46.5%	45.7%	51.4%
Important	24.8%	25.0%	23.9%	30.9%	32.0%	26.8%
Somewhat important	14.3%	15.6%	13.1%	16.5%	14.2%	15.0%
Not important	3.9%	4.3%	3.1%	2.5%	2.5%	3.4%
Not important at all	1.3%	1.6%	2.7%	3.7%	5.6%	3.4%

Q3. Do you think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County to travel across the Tennessee River? (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q3 Good idea to develop toll bridge?</u>						
Yes	73.0%	64.7%	70.0%	65.8%	64.3%	66.1%
No	27.0%	35.3%	30.0%	34.2%	35.7%	33.9%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q4A Green route</u>						
Very supportive	42.3%	39.3%	35.5%	37.1%	25.0%	35.8%
Supportive	27.3%	24.2%	26.3%	22.4%	21.9%	24.3%
Somewhat supportive	15.0%	15.5%	19.3%	22.4%	25.0%	18.9%
Not supportive	4.1%	9.6%	7.0%	7.1%	6.9%	7.2%
Not supportive at all	11.4%	11.4%	11.8%	11.0%	21.3%	13.7%
 <u>Q4B Red route</u>						
Very supportive	21.5%	19.5%	14.0%	11.6%	13.2%	16.0%
Supportive	21.9%	16.4%	17.5%	15.7%	19.2%	17.7%
Somewhat supportive	22.4%	25.9%	21.5%	24.7%	25.8%	23.7%
Not supportive	13.7%	15.5%	23.7%	22.2%	16.6%	18.8%
Not supportive at all	20.5%	22.7%	23.2%	25.8%	25.2%	23.8%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q4C Blue route</u>						
Very supportive	31.2%	30.8%	17.7%	17.6%	17.6%	23.0%
Supportive	33.9%	25.9%	29.2%	30.2%	25.7%	29.1%
Somewhat supportive	17.6%	20.1%	27.0%	28.8%	26.4%	23.6%
Not supportive	5.4%	9.8%	11.5%	9.8%	10.8%	9.4%
Not supportive at all	11.8%	13.4%	14.6%	13.7%	19.6%	14.9%
 <u>Q4D Purple route</u>						
Very supportive	26.8%	30.2%	33.2%	28.4%	29.1%	29.4%
Supportive	14.5%	13.1%	14.9%	10.1%	12.0%	12.8%
Somewhat supportive	20.5%	16.7%	15.3%	21.6%	19.0%	18.4%
Not supportive	10.9%	17.6%	19.1%	18.3%	15.8%	16.5%
Not supportive at all	27.3%	22.5%	17.4%	21.6%	24.1%	23.0%

Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q5A Green route (Alternative 1)</u>						
Daily	5.0%	6.9%	6.5%	2.8%	3.1%	5.0%
Weekly	21.9%	19.3%	17.8%	16.5%	7.5%	16.9%
Monthly	26.0%	20.6%	22.2%	19.3%	15.7%	20.6%
A few times per year	25.6%	25.7%	26.1%	30.7%	30.2%	27.6%
Seldom/never	21.5%	27.5%	27.4%	30.7%	43.4%	30.0%
<u>Q5B Red Route (Alternative 2)</u>						
Daily	3.2%	5.2%	4.4%	2.5%	3.2%	3.7%
Weekly	18.9%	14.6%	12.7%	11.4%	5.8%	12.9%
Monthly	19.4%	16.0%	18.3%	18.4%	13.6%	17.2%
A few times per year	28.1%	27.8%	29.3%	23.9%	26.0%	27.4%
Seldom/never	30.4%	36.3%	35.4%	43.8%	51.3%	38.9%

Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q5C Blue Route (Alternative 3)</u>						
Daily	4.1%	4.7%	5.8%	2.9%	2.0%	4.1%
Weekly	21.4%	17.8%	16.4%	12.1%	7.9%	15.3%
Monthly	22.7%	24.3%	20.8%	20.9%	13.9%	20.6%
A few times per year	28.2%	24.8%	27.0%	31.1%	28.5%	27.8%
Seldom/never	23.6%	28.5%	30.1%	33.0%	47.7%	32.2%
<u>Q5D Purple Route (Alternative 4)</u>						
Daily	5.0%	6.5%	5.3%	4.8%	2.0%	4.8%
Weekly	13.6%	10.6%	13.2%	12.0%	7.8%	11.6%
Monthly	16.4%	17.1%	17.2%	17.8%	10.5%	15.7%
A few times per year	18.6%	24.1%	26.0%	23.6%	27.5%	23.6%
Seldom/never	46.4%	41.7%	38.3%	41.8%	52.3%	44.3%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q6A 75 Minutes</u>						
\$1	19.9%	23.8%	26.6%	26.1%	25.7%	24.6%
\$2	12.1%	12.7%	13.3%	16.7%	19.5%	14.6%
\$3	10.2%	10.6%	13.3%	9.4%	10.6%	10.7%
\$4	10.7%	6.3%	8.0%	6.7%	6.2%	7.9%
\$5	25.7%	26.5%	21.8%	23.3%	25.7%	24.3%
\$6	3.4%	2.1%	3.2%	5.6%	3.5%	3.5%
\$7	2.9%	3.7%	2.7%	1.7%	0.9%	2.5%
\$8	3.9%	1.1%	1.1%	1.1%	1.8%	1.8%
\$9	0.5%	0.5%	0.5%	1.1%	0.9%	0.7%
\$10	5.3%	9.0%	6.9%	6.1%	3.5%	6.3%
\$12	0.5%	1.1%	0.5%	0.6%	0.0%	0.6%
\$14	0.5%	0.0%	0.0%	0.0%	0.0%	0.1%
\$15	4.4%	2.6%	2.1%	1.7%	1.8%	2.6%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q6B 60 Minutes</u>						
\$1	20.6%	23.6%	25.4%	24.3%	26.2%	24.1%
\$2	17.2%	14.7%	19.6%	21.5%	18.7%	18.4%
\$3	13.2%	14.7%	12.7%	10.5%	14.0%	13.1%
\$4	19.6%	15.7%	14.8%	16.6%	14.0%	16.1%
\$5	13.2%	14.1%	14.8%	15.5%	15.9%	14.5%
\$6	3.9%	3.1%	2.6%	2.2%	1.9%	2.8%
\$7	2.9%	1.6%	3.2%	1.7%	2.8%	2.4%
\$8	2.0%	3.7%	2.6%	2.8%	0.9%	2.5%
\$9	0.5%	1.0%	0.0%	1.1%	0.9%	0.7%
\$10	2.5%	6.3%	2.6%	1.7%	1.9%	3.0%
\$12	1.5%	0.0%	1.1%	1.1%	1.9%	1.0%
\$13	0.0%	0.5%	0.5%	0.0%	0.0%	0.2%
\$15	2.9%	1.0%	0.0%	1.1%	0.9%	1.2%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q6C 45 Minutes</u>						
\$1	28.6%	28.8%	30.3%	31.1%	28.2%	29.7%
\$2	18.0%	18.3%	20.7%	19.1%	26.5%	20.2%
\$3	25.7%	26.2%	21.3%	19.1%	16.2%	22.4%
\$4	8.3%	4.2%	12.2%	9.3%	11.1%	8.6%
\$5	9.7%	11.0%	7.4%	12.0%	11.1%	10.0%
\$6	2.4%	2.6%	3.2%	4.9%	2.6%	3.1%
\$7	1.0%	2.6%	1.1%	0.5%	0.0%	1.1%
\$8	1.0%	3.1%	1.6%	0.5%	1.7%	1.5%
\$9	0.5%	0.5%	0.0%	0.5%	0.0%	0.3%
\$10	2.9%	2.1%	1.6%	1.6%	1.7%	2.0%
\$12	0.5%	0.0%	0.0%	0.5%	0.0%	0.2%
\$13	0.0%	0.0%	0.5%	0.0%	0.0%	0.1%
\$15	1.5%	0.5%	0.0%	0.5%	0.9%	0.7%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q6D 30 Minutes</u>						
\$1	40.4%	38.9%	37.2%	41.5%	41.1%	40.0%
\$2	29.8%	29.3%	30.9%	25.7%	29.5%	29.3%
\$3	14.4%	11.6%	15.4%	14.2%	12.5%	13.5%
\$4	3.4%	5.6%	3.7%	8.2%	8.9%	5.5%
\$5	6.7%	12.1%	9.0%	4.9%	5.4%	7.7%
\$6	1.9%	1.0%	2.1%	1.6%	0.9%	1.5%
\$7	1.0%	0.0%	0.5%	0.5%	0.0%	0.4%
\$8	1.0%	1.0%	0.5%	1.6%	0.0%	0.9%
\$10	0.5%	0.5%	0.5%	1.6%	0.9%	0.8%
\$15	1.0%	0.0%	0.0%	0.0%	0.9%	0.3%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q6E 15 Minutes</u>						
\$1	72.0%	69.3%	60.7%	62.9%	67.3%	66.6%
\$2	15.5%	16.7%	25.3%	20.6%	16.8%	19.3%
\$3	6.7%	6.8%	6.2%	6.3%	5.0%	6.2%
\$4	1.6%	2.1%	1.1%	1.7%	4.0%	1.9%
\$5	2.6%	4.7%	5.6%	6.3%	5.0%	4.7%
\$6	0.5%	0.0%	0.6%	0.6%	1.0%	0.5%
\$7	0.0%	0.0%	0.6%	1.1%	0.0%	0.3%
\$8	0.0%	0.5%	0.0%	0.6%	0.0%	0.2%
\$10	0.0%	0.0%	0.0%	0.0%	1.0%	0.1%
\$15	1.0%	0.0%	0.0%	0.0%	0.0%	0.2%

Q7. In general, how supportive would you be of using tolls as a method of funding new highway projects in Tennessee that would otherwise not be built due to the lack of funding? (without "don't know")

NUMBER OF RESPONSES=1341	Q9 Your age					Total
	18-34 years	35-44 years	45-54 years	55-64 years	65+ years	
<u>Q7 Support for using tolls to fund new hwy projects</u>						
Very supportive	21.8%	28.6%	27.9%	25.0%	26.9%	25.4%
Supportive	27.3%	22.9%	21.0%	27.8%	26.9%	24.6%
Somewhat supportive	29.0%	20.7%	27.1%	21.8%	19.7%	23.5%
Not supportive	7.6%	10.5%	9.2%	8.5%	9.0%	9.4%
Not supportive at all	14.3%	17.3%	14.9%	16.9%	17.5%	17.1%

Section 4:
***Resident Cross-tabular Data
by Income***

Q1. The Tennessee Department of Transportation is considering plans to develop a toll bridge over the Tennessee River in northern Hamilton County to help connect areas east and west of the Tennessee River. Prior to receiving this survey, had you heard about plans to build the Tennessee River Bridge?

NUMBER OF RESPONSES=1341	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q1 Heard about plans to build bridge?</u>							
Yes	24.5%	35.6%	38.6%	50.7%	51.8%	40.9%	40.6%
No	75.5%	64.4%	61.4%	49.3%	48.2%	59.1%	59.4%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF
RESPONSES=1341

Q13 Annual household income

Total

	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
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Q2A Cost of the project

Very important	64.0%	50.6%	50.2%	36.0%	35.7%	63.9%	48.0%
Important	22.0%	30.5%	29.0%	37.9%	35.4%	22.7%	30.6%
Somewhat important	7.9%	14.4%	16.0%	19.2%	20.5%	9.2%	15.5%
Not important	3.7%	2.5%	2.6%	3.9%	6.5%	0.0%	3.5%
Not important at all	2.4%	2.1%	2.2%	3.0%	1.9%	4.2%	2.5%

Q2B Impact on the environment

Very important	51.2%	42.7%	31.9%	26.5%	25.6%	42.2%	35.3%
Important	28.0%	23.4%	34.9%	31.4%	28.6%	24.1%	28.7%
Somewhat important	13.4%	23.8%	21.0%	26.0%	28.2%	18.1%	22.7%
Not important	5.5%	6.7%	7.9%	12.3%	11.8%	8.6%	9.0%
Not important at all	1.8%	3.3%	4.4%	3.9%	5.7%	6.9%	4.3%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q2C Benefits to the economy</u>							
Very important	60.5%	54.0%	47.8%	53.7%	58.4%	44.8%	53.7%
Important	24.7%	32.1%	35.4%	33.8%	27.9%	32.8%	31.1%
Somewhat important	8.6%	9.7%	13.3%	11.9%	11.1%	13.8%	11.3%
Not important	3.7%	2.5%	2.2%	0.0%	1.9%	2.6%	2.1%
Not important at all	2.5%	1.7%	1.3%	0.5%	0.8%	6.0%	1.7%

Q2D Reduces congestion on other hwys

Very important	49.7%	57.0%	53.9%	58.6%	54.8%	54.8%	55.0%
Important	35.8%	25.4%	34.8%	28.6%	26.2%	22.6%	29.0%
Somewhat important	8.5%	13.1%	9.1%	10.3%	14.8%	14.8%	11.8%
Not important	3.0%	2.9%	0.9%	2.0%	2.3%	1.7%	2.1%
Not important at all	3.0%	1.6%	1.3%	0.5%	1.9%	6.1%	2.0%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF RESPONSES=1341	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q2E Safety benefits for traveling public</u>							
Very important	68.5%	59.9%	52.7%	50.5%	46.2%	45.7%	53.9%
Important	22.0%	25.2%	31.0%	31.2%	30.8%	31.9%	28.7%
Somewhat important	4.8%	10.7%	13.3%	13.9%	18.1%	15.5%	12.9%
Not important	3.0%	2.9%	1.3%	3.5%	2.7%	0.9%	2.5%
Not important at all	1.8%	1.2%	1.8%	1.0%	2.3%	6.0%	2.1%
 <u>Q2F Reduce time to get to opp sides</u>							
Very important	47.9%	52.9%	53.9%	55.9%	50.6%	42.1%	51.4%
Important	31.1%	25.2%	26.1%	25.0%	27.4%	27.2%	26.8%
Somewhat important	15.0%	15.3%	15.7%	14.2%	13.7%	17.5%	15.0%
Not important	1.8%	2.9%	2.6%	3.4%	5.7%	3.5%	3.4%
Not important at all	4.2%	3.7%	1.7%	1.5%	2.7%	9.6%	3.4%

Q3. Do you think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County to travel across the Tennessee River? (without "don't know")

NUMBER OF RESPONSES=1341	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q3 Good idea to develop toll bridge?</u>							
Yes	51.8%	63.1%	73.0%	78.7%	73.6%	40.7%	66.1%
No	48.2%	36.9%	27.0%	21.3%	26.4%	59.3%	33.9%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q4A Green route</u>							
Very supportive	28.6%	40.0%	35.6%	37.8%	37.0%	30.9%	35.8%
Supportive	20.3%	23.5%	24.9%	27.7%	28.5%	12.8%	24.3%
Somewhat supportive	24.1%	19.5%	18.0%	19.7%	17.9%	13.8%	18.9%
Not supportive	9.8%	6.0%	9.3%	9.0%	4.5%	5.3%	7.2%
Not supportive at all	17.3%	11.0%	12.2%	5.9%	12.2%	37.2%	13.7%
<u>Q4B Red route</u>							
Very supportive	23.1%	17.6%	17.7%	10.9%	15.4%	10.0%	16.0%
Supportive	16.9%	20.7%	20.7%	18.6%	16.3%	7.8%	17.7%
Somewhat supportive	22.3%	22.8%	19.7%	26.2%	24.8%	28.9%	23.7%
Not supportive	19.2%	18.7%	20.7%	23.5%	15.4%	13.3%	18.8%
Not supportive at all	18.5%	20.2%	21.2%	20.8%	28.0%	40.0%	23.8%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q4C Blue route</u>							
Very supportive	24.0%	26.7%	25.7%	22.6%	20.4%	15.1%	23.0%
Supportive	17.8%	29.2%	29.1%	34.4%	35.9%	16.1%	29.1%
Somewhat supportive	27.9%	21.0%	24.8%	25.8%	20.8%	23.7%	23.6%
Not supportive	12.4%	10.8%	6.8%	9.1%	8.6%	10.8%	9.4%
Not supportive at all	17.8%	12.3%	13.6%	8.1%	14.3%	34.4%	14.9%
 <u>Q4D Purple route</u>							
Very supportive	25.6%	27.5%	27.3%	37.3%	30.6%	24.5%	29.4%
Supportive	16.3%	14.5%	13.4%	10.8%	11.5%	10.2%	12.8%
Somewhat supportive	22.5%	20.0%	17.2%	18.9%	17.9%	12.2%	18.4%
Not supportive	14.0%	10.5%	20.1%	15.7%	17.9%	22.4%	16.5%
Not supportive at all	21.7%	27.5%	22.0%	17.3%	22.2%	30.6%	23.0%

Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")NUMBER OF
RESPONSES=1341

Q13 Annual household income

Total

	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	Total
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Q5A Green route (Alternative 1)

Daily	5.2%	3.8%	5.4%	6.1%	5.2%	4.0%	5.0%
Weekly	10.4%	17.3%	18.3%	21.5%	19.3%	7.1%	16.9%
Monthly	17.8%	20.2%	25.2%	17.1%	23.7%	14.1%	20.6%
A few times per year	27.4%	27.9%	22.8%	31.5%	28.9%	26.3%	27.6%
Seldom/never	39.3%	30.8%	28.2%	23.8%	22.9%	48.5%	30.0%

Q5B Red Route (Alternative 2)

Daily	5.4%	4.6%	4.0%	2.7%	3.3%	2.2%	3.7%
Weekly	13.2%	14.3%	12.6%	13.7%	14.3%	4.3%	12.9%
Monthly	10.9%	17.9%	22.2%	15.9%	18.8%	12.0%	17.2%
A few times per year	27.9%	22.4%	25.3%	31.3%	29.0%	29.3%	27.4%
Seldom/never	42.6%	40.8%	35.9%	36.3%	34.7%	52.2%	38.9%

Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")NUMBER OF
RESPONSES=1341

Q13 Annual household income

Total

	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	Total
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Q5C Blue Route (Alternative 3)

Daily	7.1%	2.5%	3.5%	3.3%	5.3%	3.2%	4.1%
Weekly	11.0%	17.7%	15.2%	20.7%	16.2%	3.2%	15.3%
Monthly	14.2%	18.7%	25.8%	20.7%	23.5%	15.1%	20.6%
A few times per year	27.6%	27.8%	24.7%	32.1%	29.1%	22.6%	27.8%
Seldom/never	40.2%	33.3%	30.8%	23.4%	25.9%	55.9%	32.2%

Q5D Purple Route (Alternative 4)

Daily	4.7%	4.4%	4.5%	6.0%	6.1%	1.1%	4.8%
Weekly	8.7%	9.8%	10.1%	17.5%	12.6%	8.4%	11.6%
Monthly	15.7%	16.6%	14.6%	14.2%	18.3%	12.6%	15.7%
A few times per year	26.0%	21.5%	24.6%	25.7%	23.2%	20.0%	23.6%
Seldom/never	44.9%	47.8%	46.2%	36.6%	39.8%	57.9%	44.3%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q6A 75 Minutes</u>							
\$1	47.2%	29.1%	18.7%	17.4%	14.9%	39.1%	24.6%
\$2	12.0%	18.9%	17.4%	11.8%	11.4%	18.8%	14.6%
\$3	9.3%	13.1%	11.6%	9.9%	8.3%	14.5%	10.7%
\$4	3.7%	6.9%	11.6%	8.1%	9.6%	2.9%	7.9%
\$5	12.0%	21.7%	23.9%	34.2%	27.6%	17.4%	24.3%
\$6	3.7%	2.3%	4.5%	2.5%	4.8%	1.4%	3.5%
\$7	2.8%	1.1%	3.9%	3.7%	1.8%	1.4%	2.5%
\$8	4.6%	0.0%	1.9%	1.2%	2.6%	0.0%	1.8%
\$9	0.9%	0.6%	0.6%	0.0%	0.9%	1.4%	0.7%
\$10	2.8%	4.6%	3.2%	7.5%	11.4%	2.9%	6.3%
\$12	0.0%	0.6%	0.6%	0.0%	1.3%	0.0%	0.6%
\$14	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.1%
\$15	0.9%	1.1%	1.9%	3.7%	4.8%	0.0%	2.6%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q6B 60 Minutes</u>							
\$1	41.4%	27.2%	22.2%	17.7%	15.7%	39.7%	24.1%
\$2	20.2%	23.1%	19.0%	15.2%	14.8%	22.1%	18.4%
\$3	10.1%	15.0%	14.6%	11.6%	13.0%	13.2%	13.1%
\$4	9.1%	16.8%	18.4%	21.3%	16.1%	7.4%	16.1%
\$5	5.1%	10.4%	15.2%	17.7%	18.7%	14.7%	14.5%
\$6	7.1%	1.2%	1.9%	4.3%	2.6%	0.0%	2.8%
\$7	5.1%	0.6%	3.2%	1.8%	3.0%	0.0%	2.4%
\$8	2.0%	0.6%	1.3%	2.4%	5.2%	1.5%	2.5%
\$9	0.0%	0.6%	0.0%	1.2%	0.9%	1.5%	0.7%
\$10	0.0%	2.9%	2.5%	3.0%	5.7%	0.0%	3.0%
\$12	0.0%	1.2%	0.0%	0.6%	2.6%	0.0%	1.0%
\$13	0.0%	0.0%	0.0%	0.6%	0.4%	0.0%	0.2%
\$15	0.0%	0.6%	1.9%	2.4%	1.3%	0.0%	1.2%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q6C 45 Minutes</u>							
\$1	49.0%	36.9%	25.3%	24.2%	18.9%	42.6%	29.7%
\$2	17.0%	21.8%	23.5%	12.7%	21.5%	26.5%	20.2%
\$3	15.0%	24.0%	23.5%	30.3%	19.3%	17.6%	22.4%
\$4	5.0%	5.6%	13.3%	6.1%	11.4%	7.4%	8.6%
\$5	8.0%	6.1%	8.4%	16.4%	12.7%	2.9%	10.0%
\$6	6.0%	1.7%	1.2%	2.4%	5.3%	1.5%	3.1%
\$7	0.0%	1.1%	1.8%	1.2%	1.3%	0.0%	1.1%
\$8	0.0%	0.0%	1.2%	1.8%	3.5%	1.5%	1.5%
\$9	0.0%	0.6%	0.0%	0.0%	0.9%	0.0%	0.3%
\$10	0.0%	1.7%	1.2%	2.4%	3.9%	0.0%	2.0%
\$12	0.0%	0.0%	0.0%	0.6%	0.4%	0.0%	0.2%
\$13	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.1%
\$15	0.0%	0.6%	0.6%	1.2%	0.9%	0.0%	0.7%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q6D 30 Minutes</u>							
\$1	56.3%	49.4%	35.8%	29.4%	31.1%	56.5%	40.0%
\$2	20.4%	31.5%	32.1%	34.7%	26.8%	26.1%	29.3%
\$3	9.7%	9.6%	17.9%	12.9%	15.8%	13.0%	13.5%
\$4	7.8%	2.8%	5.6%	5.9%	7.5%	1.4%	5.5%
\$5	2.9%	5.1%	6.2%	10.6%	12.3%	2.9%	7.7%
\$6	2.9%	0.6%	0.6%	1.8%	2.6%	0.0%	1.5%
\$7	0.0%	0.6%	0.6%	1.2%	0.0%	0.0%	0.4%
\$8	0.0%	0.0%	0.0%	1.2%	2.6%	0.0%	0.9%
\$10	0.0%	0.6%	0.6%	1.8%	0.9%	0.0%	0.8%
\$15	0.0%	0.0%	0.6%	0.6%	0.4%	0.0%	0.3%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1341

	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q6E 15 Minutes</u>							
\$1	71.3%	77.6%	65.4%	66.5%	55.6%	71.9%	66.6%
\$2	13.9%	15.2%	20.5%	12.0%	27.8%	25.0%	19.3%
\$3	5.0%	2.4%	7.1%	10.1%	7.4%	1.6%	6.2%
\$4	4.0%	1.8%	1.9%	1.3%	1.9%	0.0%	1.9%
\$5	5.0%	2.4%	2.6%	7.6%	6.5%	1.6%	4.7%
\$6	1.0%	0.6%	0.6%	0.6%	0.0%	0.0%	0.5%
\$7	0.0%	0.0%	0.0%	1.3%	0.5%	0.0%	0.3%
\$8	0.0%	0.0%	0.6%	0.0%	0.5%	0.0%	0.2%
\$10	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.1%
\$15	0.0%	0.0%	0.6%	0.6%	0.0%	0.0%	0.2%

Q7. In general, how supportive would you be of using tolls as a method of funding new highway projects in Tennessee that would otherwise not be built due to the lack of funding? (without "don't know")

NUMBER OF RESPONSES=1341	Q13 Annual household income						Total
	Under \$30K	\$30K-\$59,999	\$60K-\$89,999	\$90K-\$119,999	\$120K+	Not provided	
<u>Q7 Support for using tolls to fund new hwy projects</u>							
Very supportive	17.5%	21.2%	27.5%	33.0%	33.0%	12.6%	25.4%
Supportive	17.5%	27.3%	24.0%	30.2%	25.9%	18.1%	24.6%
Somewhat supportive	32.8%	22.7%	25.8%	19.3%	20.7%	20.5%	23.5%
Not supportive	11.3%	10.4%	10.3%	8.0%	5.2%	14.2%	9.4%
Not supportive at all	20.9%	18.5%	12.4%	9.4%	15.2%	34.6%	17.1%

Section 5:
***Resident Cross-tabular Data
by Zone***

Q1. The Tennessee Department of Transportation is considering plans to develop a toll bridge over the Tennessee River in northern Hamilton County to help connect areas east and west of the Tennessee River. Prior to receiving this survey, had you heard about plans to build the Tennessee River Bridge?

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q1 Heard about plans to build bridge?</u>					
Yes	57.0%	38.6%	32.5%	31.3%	40.6%
No	43.0%	61.4%	67.5%	68.7%	59.4%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q2A Cost of the project</u>					
Very important	38.1%	46.7%	55.7%	55.6%	48.0%
Important	36.9%	33.5%	23.8%	24.2%	30.6%
Somewhat important	19.2%	13.2%	14.3%	15.2%	15.5%
Not important	4.5%	3.6%	2.6%	3.1%	3.5%
Not important at all	1.2%	3.0%	3.7%	1.8%	2.5%
<u>Q2B Impact on the environment</u>					
Very important	28.2%	33.8%	46.0%	35.6%	35.3%
Important	30.9%	27.6%	24.8%	32.4%	28.7%
Somewhat important	28.8%	23.5%	18.2%	17.4%	22.7%
Not important	8.4%	10.1%	6.6%	11.0%	9.0%
Not important at all	3.6%	5.2%	4.4%	3.7%	4.3%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q2C Benefits to the economy</u>					
Very important	55.2%	52.3%	53.5%	54.4%	53.7%
Important	29.0%	33.5%	31.4%	30.0%	31.1%
Somewhat important	14.0%	10.1%	10.0%	11.1%	11.3%
Not important	1.2%	1.5%	2.6%	3.7%	2.1%
Not important at all	0.6%	2.6%	2.6%	0.9%	1.7%
<u>Q2D Reduces congestion on other hwys</u>					
Very important	56.8%	57.1%	51.8%	52.5%	55.0%
Important	28.5%	27.8%	30.1%	30.6%	29.0%
Somewhat important	12.0%	11.0%	12.3%	12.3%	11.8%
Not important	1.2%	1.8%	3.3%	2.7%	2.1%
Not important at all	1.5%	2.3%	2.5%	1.8%	2.0%

Q2. A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means "Extremely Important" and 1 means "Not Important At All," please rate the importance that you think should be placed on each of these issues. (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	

Q2E Safety benefits for traveling public

Very important	54.8%	52.7%	53.1%	55.5%	53.9%
Important	28.8%	27.6%	30.0%	28.6%	28.7%
Somewhat important	11.8%	15.5%	11.2%	12.3%	12.9%
Not important	2.4%	1.6%	3.2%	3.2%	2.5%
Not important at all	2.1%	2.6%	2.5%	0.5%	2.1%

Q2F Reduce time to get to opp sides

Very important	58.1%	52.2%	47.3%	45.0%	51.4%
Important	20.8%	29.4%	26.0%	32.3%	26.8%
Somewhat important	16.9%	11.5%	17.7%	15.0%	15.0%
Not important	2.4%	2.3%	5.4%	4.5%	3.4%
Not important at all	1.8%	4.6%	3.6%	3.2%	3.4%

Q3. Do you think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County to travel across the Tennessee River? (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	

Q3 Good idea to develop toll bridge?

Yes	71.9%	70.2%	53.5%	64.9%	66.1%
No	28.1%	29.8%	46.5%	35.1%	33.9%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q4A Green route</u>					
Very supportive	43.6%	41.2%	24.2%	26.8%	35.8%
Supportive	25.5%	24.2%	23.7%	23.2%	24.3%
Somewhat supportive	13.8%	15.9%	22.7%	28.3%	18.9%
Not supportive	5.4%	5.8%	12.8%	6.6%	7.2%
Not supportive at all	11.7%	12.8%	16.6%	15.2%	13.7%
<u>Q4B Red route</u>					
Very supportive	16.2%	19.8%	16.5%	7.9%	16.0%
Supportive	22.0%	18.4%	15.6%	12.2%	17.7%
Somewhat supportive	25.4%	24.1%	20.8%	23.8%	23.7%
Not supportive	15.5%	17.3%	22.6%	22.2%	18.8%
Not supportive at all	21.0%	20.4%	24.5%	33.9%	23.8%

Q4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is "Very Supportive" and 1 is "Not Supportive At All," please indicate how supportive you would be of having TDOT build the bridge at the following locations: (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q4C Blue route</u>					
Very supportive	24.3%	24.8%	21.3%	19.4%	23.0%
Supportive	32.9%	31.1%	22.3%	27.2%	29.1%
Somewhat supportive	18.6%	24.5%	23.2%	30.4%	23.6%
Not supportive	9.0%	7.1%	16.6%	6.3%	9.4%
Not supportive at all	15.3%	12.5%	16.6%	16.8%	14.9%
<u>Q4D Purple route</u>					
Very supportive	31.0%	19.0%	18.5%	54.7%	29.4%
Supportive	10.2%	11.8%	18.0%	12.7%	12.8%
Somewhat supportive	23.4%	18.4%	16.1%	13.2%	18.4%
Not supportive	13.5%	23.1%	21.3%	5.2%	16.5%
Not supportive at all	21.8%	27.7%	26.1%	14.2%	23.0%

Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q5A Green route (Alternative 1)</u>					
Daily	6.7%	6.6%	2.7%	2.5%	5.0%
Weekly	25.1%	20.1%	8.4%	8.4%	16.9%
Monthly	23.4%	20.4%	15.1%	22.8%	20.6%
A few times per year	24.4%	26.7%	30.7%	30.2%	27.6%
Seldom/never	20.4%	26.1%	43.1%	36.1%	30.0%
<u>Q5B Red Route (Alternative 2)</u>					
Daily	5.5%	3.5%	3.2%	2.1%	3.7%
Weekly	18.6%	15.9%	8.6%	3.6%	12.9%
Monthly	19.7%	19.5%	12.7%	14.5%	17.2%
A few times per year	27.2%	27.4%	29.1%	25.4%	27.4%
Seldom/never	29.0%	33.6%	46.4%	54.4%	38.9%

Q5. Please indicate how often you would use each of the four alternatives that are being considered. (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q5C Blue Route (Alternative 3)</u>					
Daily	4.4%	5.4%	3.2%	2.6%	4.1%
Weekly	22.6%	17.3%	7.3%	9.7%	15.3%
Monthly	25.0%	19.6%	14.1%	23.1%	20.6%
A few times per year	24.3%	28.6%	30.0%	29.2%	27.8%
Seldom/never	23.6%	29.2%	45.5%	35.4%	32.2%
<u>Q5D Purple Route (Alternative 4)</u>					
Daily	5.1%	3.6%	2.3%	9.2%	4.8%
Weekly	15.8%	9.7%	5.5%	15.0%	11.6%
Monthly	17.5%	10.0%	13.6%	24.6%	15.7%
A few times per year	23.9%	22.7%	21.8%	26.6%	23.6%
Seldom/never	37.7%	54.1%	56.8%	24.6%	44.3%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q6A 75 Minutes</u>					
\$1	21.2%	24.7%	26.7%	26.6%	24.6%
\$2	12.9%	11.7%	19.4%	16.8%	14.6%
\$3	12.4%	10.7%	9.9%	9.2%	10.7%
\$4	8.3%	7.2%	7.3%	9.2%	7.9%
\$5	24.5%	29.9%	22.5%	16.8%	24.3%
\$6	4.1%	3.8%	2.6%	2.9%	3.5%
\$7	4.1%	2.7%	1.6%	0.6%	2.5%
\$8	2.9%	1.0%	1.0%	2.3%	1.8%
\$9	0.0%	1.0%	0.0%	1.7%	0.7%
\$10	7.1%	5.2%	3.7%	9.8%	6.3%
\$12	0.0%	0.3%	1.0%	1.2%	0.6%
\$14	0.4%	0.0%	0.0%	0.0%	0.1%
\$15	2.1%	1.7%	4.2%	2.9%	2.6%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q6B 60 Minutes</u>					
\$1	20.2%	25.6%	26.4%	24.7%	24.1%
\$2	17.7%	14.7%	22.5%	21.3%	18.4%
\$3	16.5%	11.9%	9.9%	13.8%	13.1%
\$4	16.0%	18.8%	15.4%	12.6%	16.1%
\$5	14.8%	16.7%	13.7%	10.9%	14.5%
\$6	3.3%	3.8%	1.6%	1.7%	2.8%
\$7	2.9%	1.7%	1.6%	3.4%	2.4%
\$8	3.7%	1.7%	1.6%	2.9%	2.5%
\$9	0.8%	0.7%	0.5%	0.6%	0.7%
\$10	2.5%	2.7%	2.2%	5.2%	3.0%
\$12	0.4%	0.7%	1.1%	2.3%	1.0%
\$13	0.0%	0.0%	1.1%	0.0%	0.2%
\$15	1.2%	1.0%	2.2%	0.6%	1.2%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	
<u>Q6C 45 Minutes</u>					
\$1	25.6%	30.0%	33.3%	31.2%	29.7%
\$2	20.1%	19.1%	21.0%	21.4%	20.2%
\$3	25.2%	24.2%	19.9%	17.9%	22.4%
\$4	9.4%	10.2%	4.8%	8.7%	8.6%
\$5	9.8%	10.2%	9.7%	10.4%	10.0%
\$6	4.3%	2.0%	3.2%	2.9%	3.1%
\$7	0.8%	0.7%	1.6%	1.7%	1.1%
\$8	1.6%	2.0%	1.1%	1.2%	1.5%
\$9	0.0%	0.0%	1.1%	0.6%	0.3%
\$10	2.4%	1.0%	1.6%	3.5%	2.0%
\$12	0.0%	0.0%	1.1%	0.0%	0.2%
\$13	0.0%	0.0%	0.5%	0.0%	0.1%
\$15	0.8%	0.3%	1.1%	0.6%	0.7%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1341

	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	

Q6D 30 Minutes

\$1	36.0%	38.4%	43.9%	44.6%	40.0%
\$2	29.5%	31.3%	29.4%	25.7%	29.3%
\$3	15.7%	13.6%	10.0%	13.7%	13.5%
\$4	8.8%	6.5%	0.6%	4.0%	5.5%
\$5	6.5%	8.2%	9.4%	6.9%	7.7%
\$6	0.8%	1.0%	2.2%	2.9%	1.5%
\$7	0.4%	0.3%	1.1%	0.0%	0.4%
\$8	1.5%	0.0%	1.1%	1.1%	0.9%
\$10	0.4%	0.7%	1.7%	0.6%	0.8%
\$15	0.4%	0.0%	0.6%	0.6%	0.3%

Q6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below? (without "don't know")

NUMBER OF
RESPONSES=1341

	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	

Q6E 15 Minutes

\$1	63.4%	67.1%	68.2%	68.9%	66.6%
\$2	22.2%	19.8%	15.9%	17.7%	19.3%
\$3	7.8%	6.7%	4.7%	4.3%	6.2%
\$4	0.4%	2.8%	1.2%	3.0%	1.9%
\$5	4.1%	3.2%	7.6%	4.9%	4.7%
\$6	0.4%	0.0%	1.2%	0.6%	0.5%
\$7	0.4%	0.4%	0.6%	0.0%	0.3%
\$8	0.4%	0.0%	0.0%	0.6%	0.2%
\$10	0.4%	0.0%	0.0%	0.0%	0.1%
\$15	0.4%	0.0%	0.6%	0.0%	0.2%

Q7. In general, how supportive would you be of using tolls as a method of funding new highway projects in Tennessee that would otherwise not be built due to the lack of funding? (without "don't know")

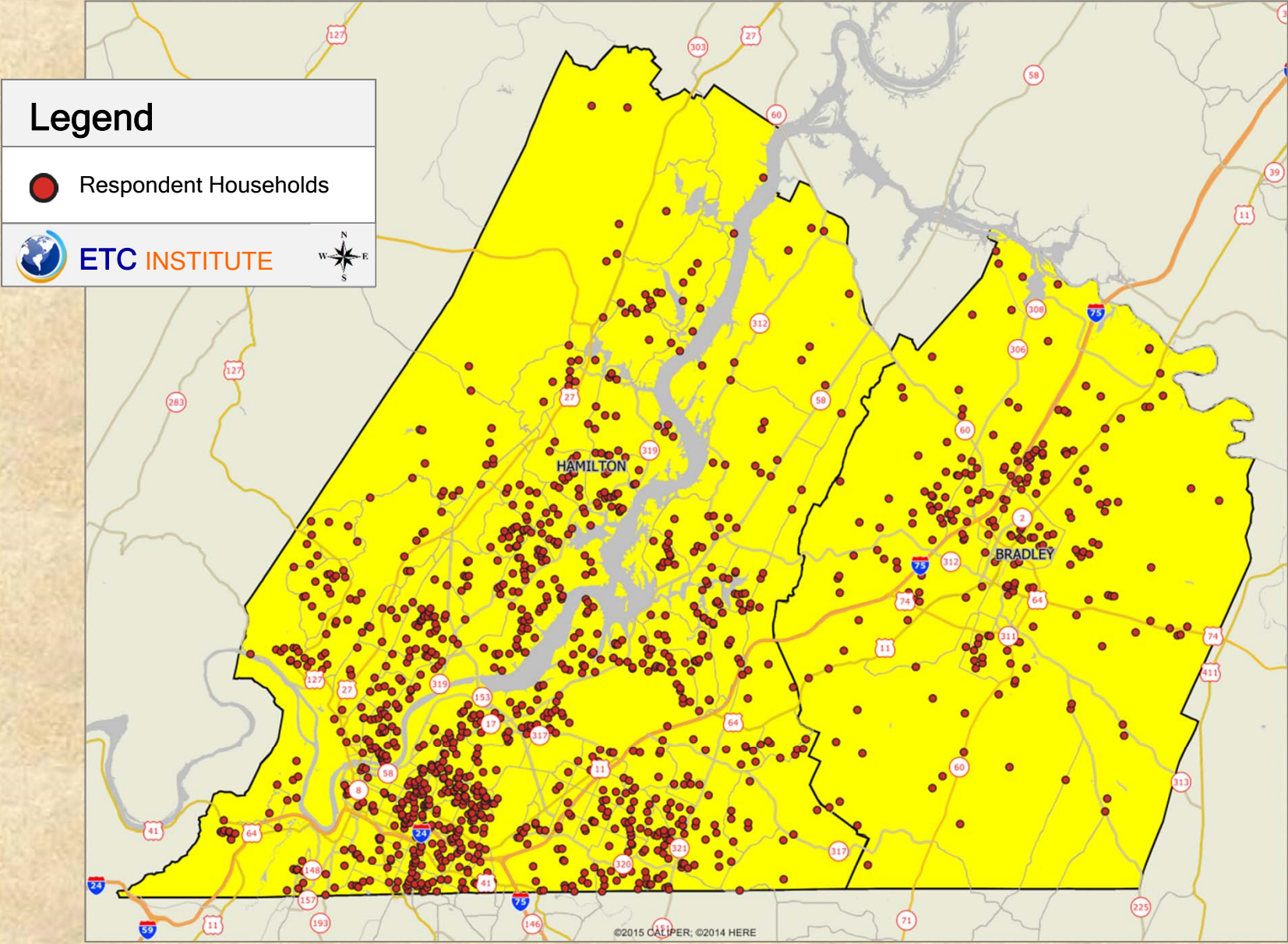
NUMBER OF RESPONSES=1341	Zone				Total
	Eastern Hamilton County	Western Hamilton County	Southern Hamilton County	Bradley County	

Q7 Support for using tolls to fund new hwy projects

Very supportive	29.1%	26.6%	21.1%	23.3%	25.4%
Supportive	23.5%	26.4%	23.9%	24.1%	24.6%
Somewhat supportive	24.7%	21.7%	24.3%	23.7%	23.5%
Not supportive	9.9%	8.9%	9.2%	9.8%	9.4%
Not supportive at all	12.8%	16.5%	21.5%	19.2%	17.1%

Section 6:
Resident GIS Maps

Location of Survey Respondents





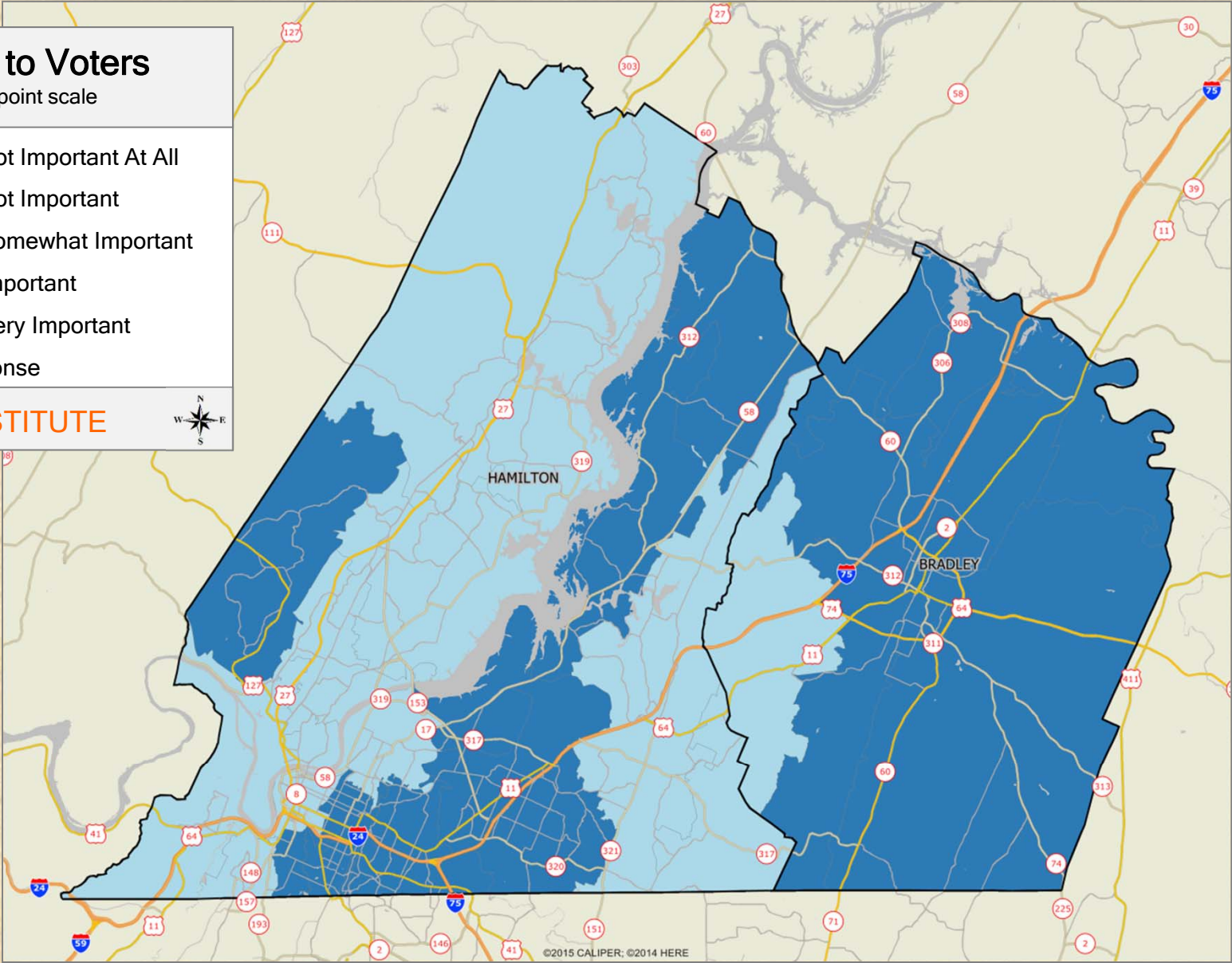
2015 Tennessee River Bridge Toll Survey

Q2A Importance of the cost of the project

Importance to Voters
Mean rating on a 5-point scale

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Somewhat Important
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- No Response





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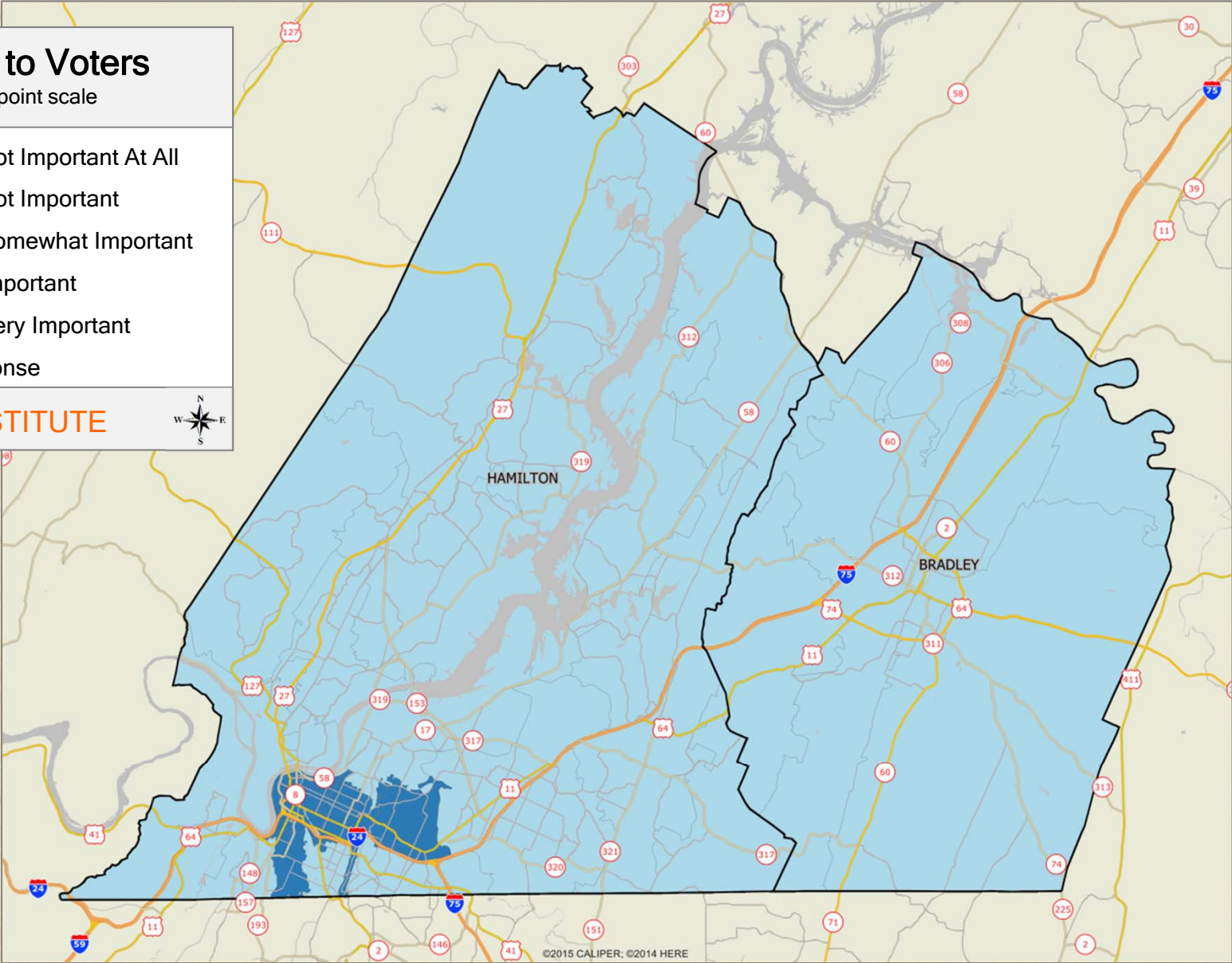
Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q2B Importance of impact on the environment

Importance to Voters
Mean rating on a 5-point scale

- 1.0-1.8 Not Important At All
- 1.8-2.6 Not Important
- 2.6-3.4 Somewhat Important
- 3.4-4.2 Important
- 4.2-5.0 Very Important
- No Response

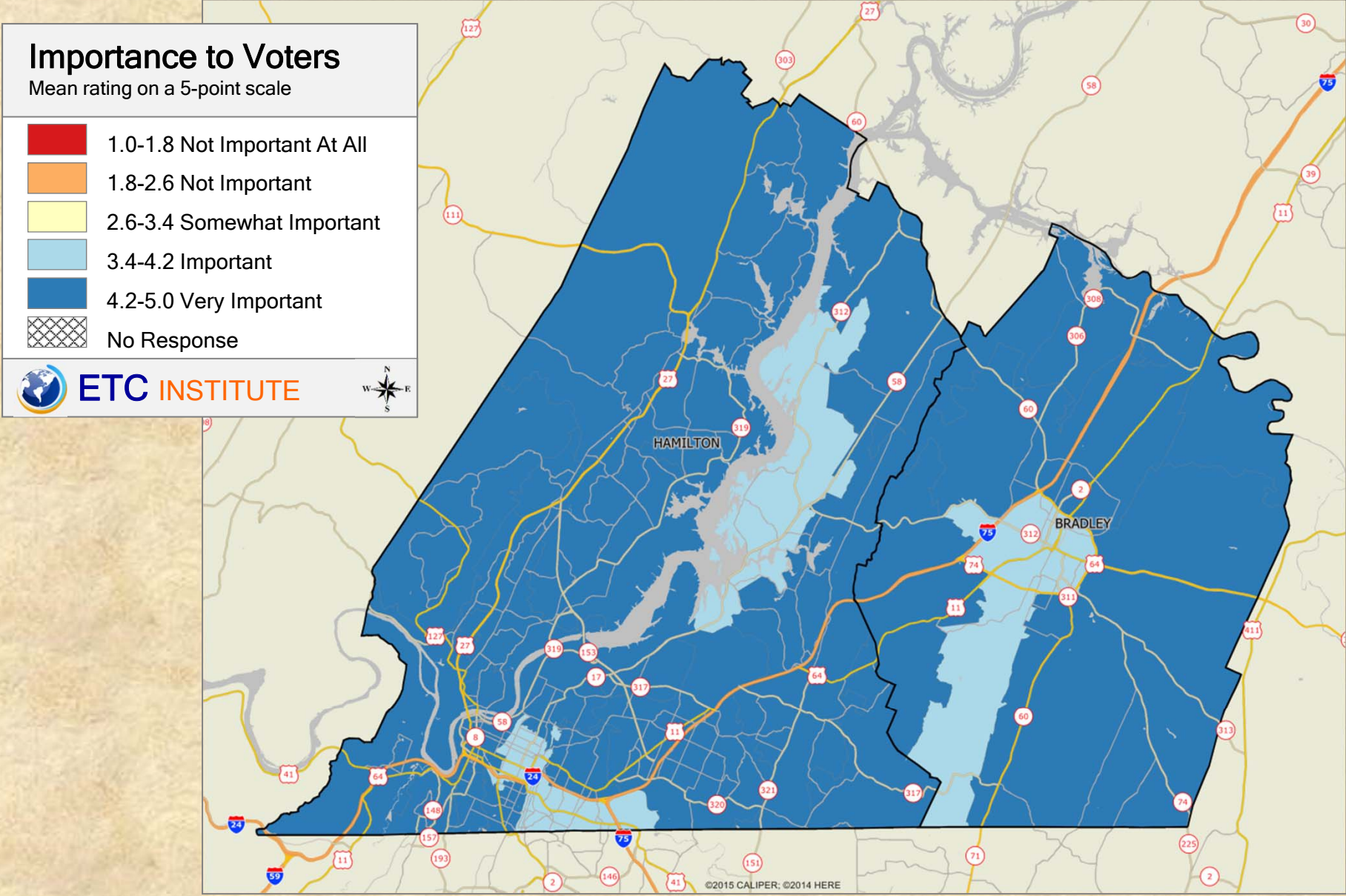
 



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

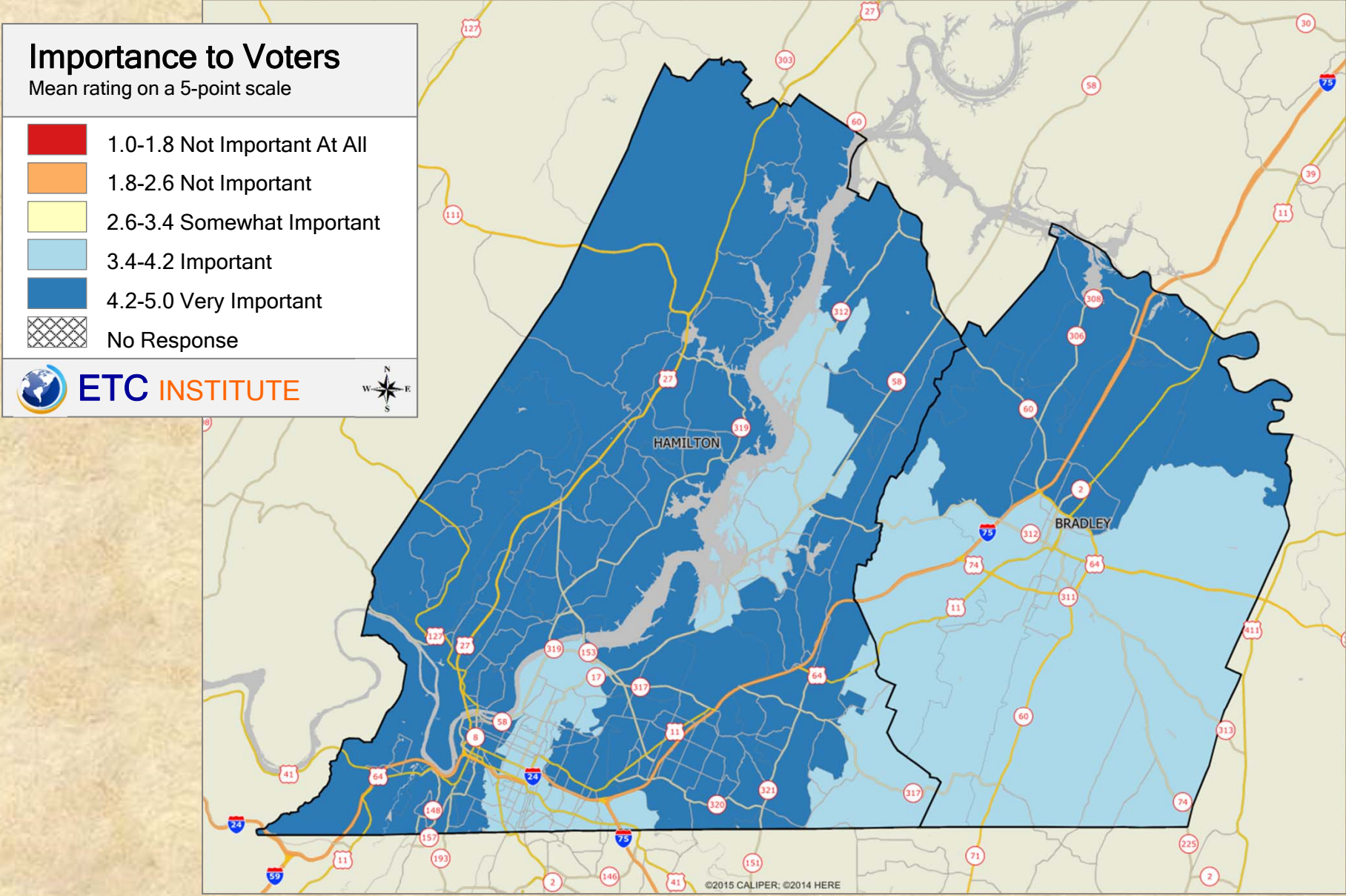
Q2C Importance of benefits to the economy



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

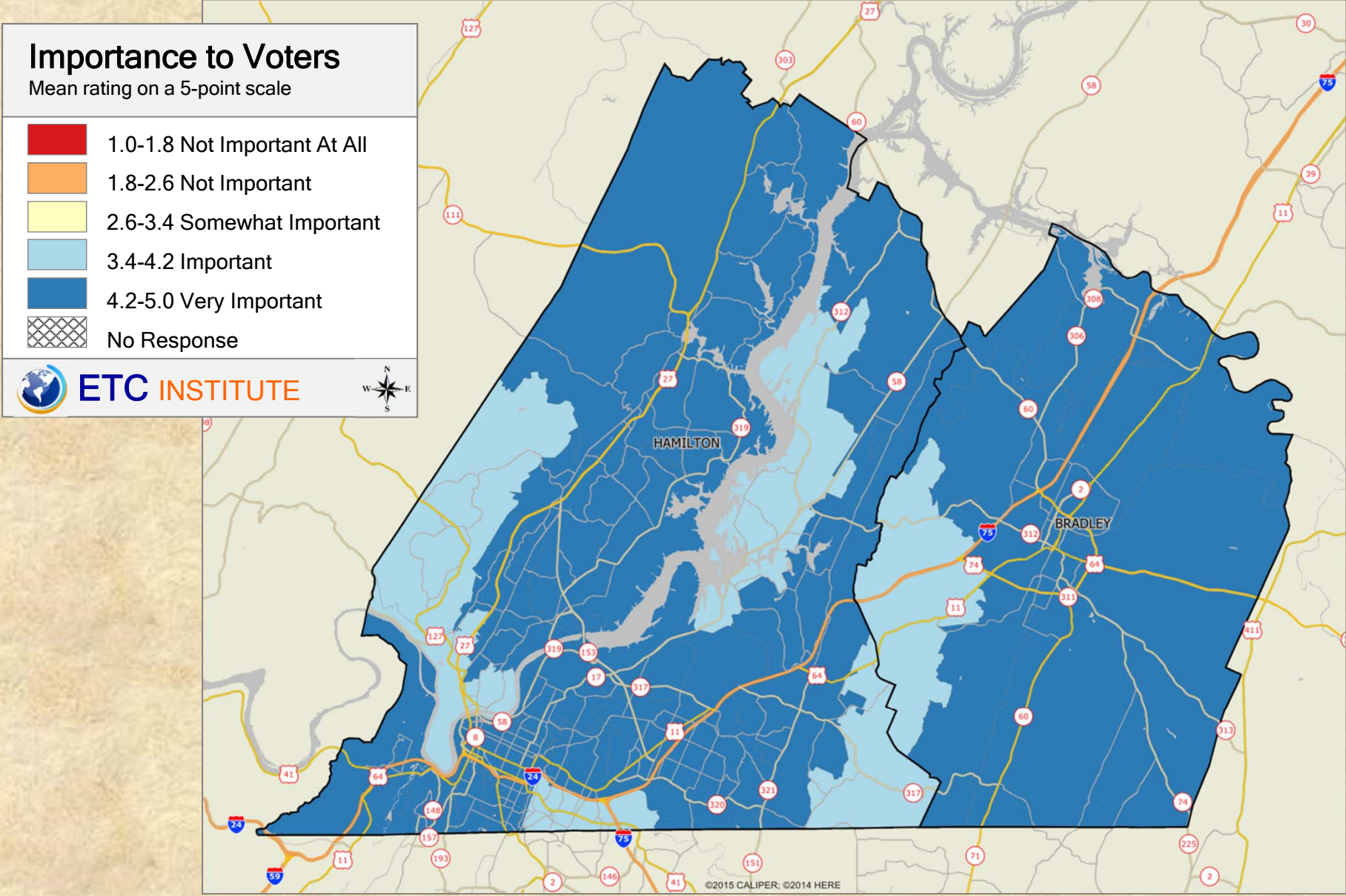
Q2D Importance of reducing congestion on other highways



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

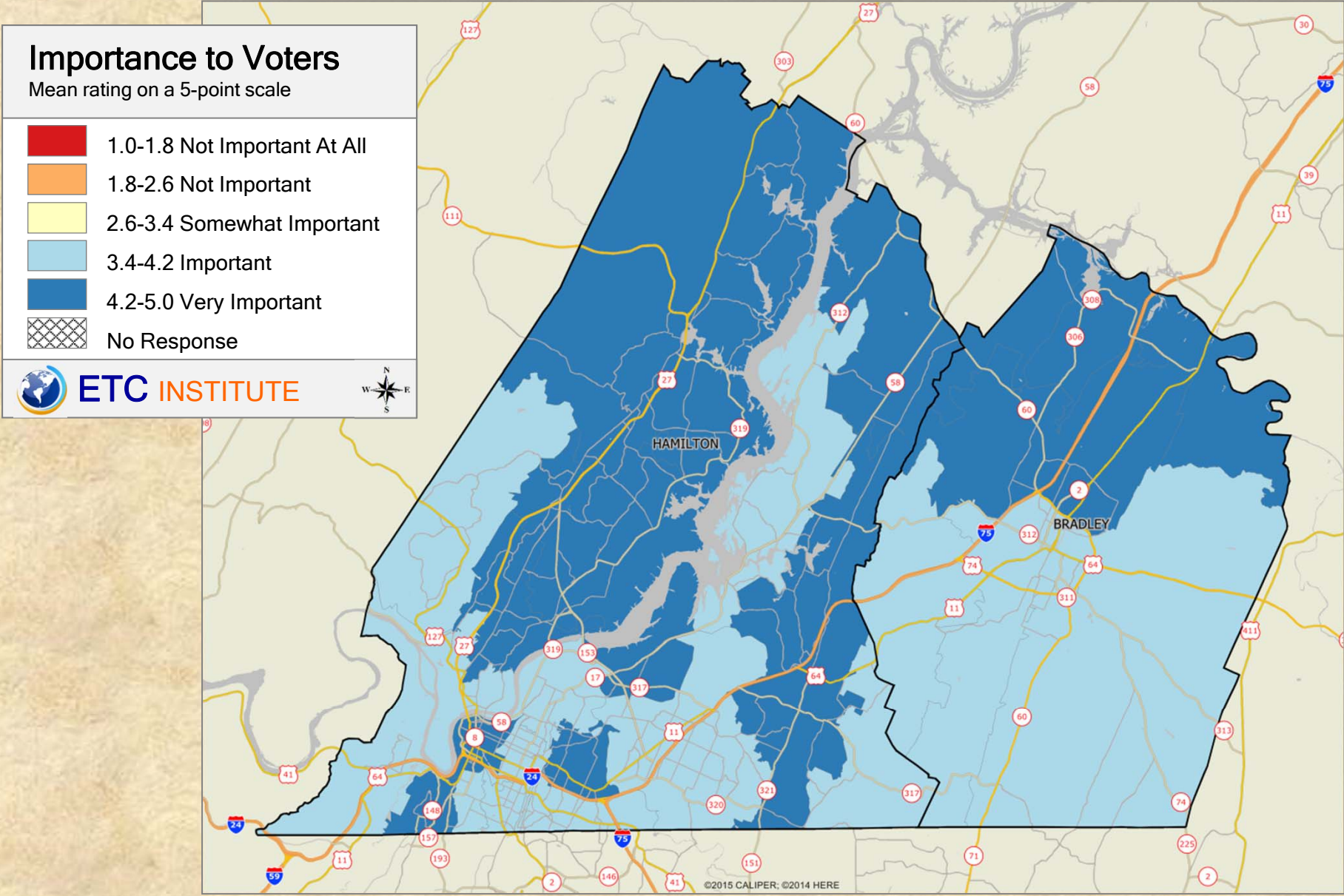
Q2E Importance of safety benefits for traveling public



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q2F Importance of reducing travel time to destinations on opposite sides of the Tennessee River



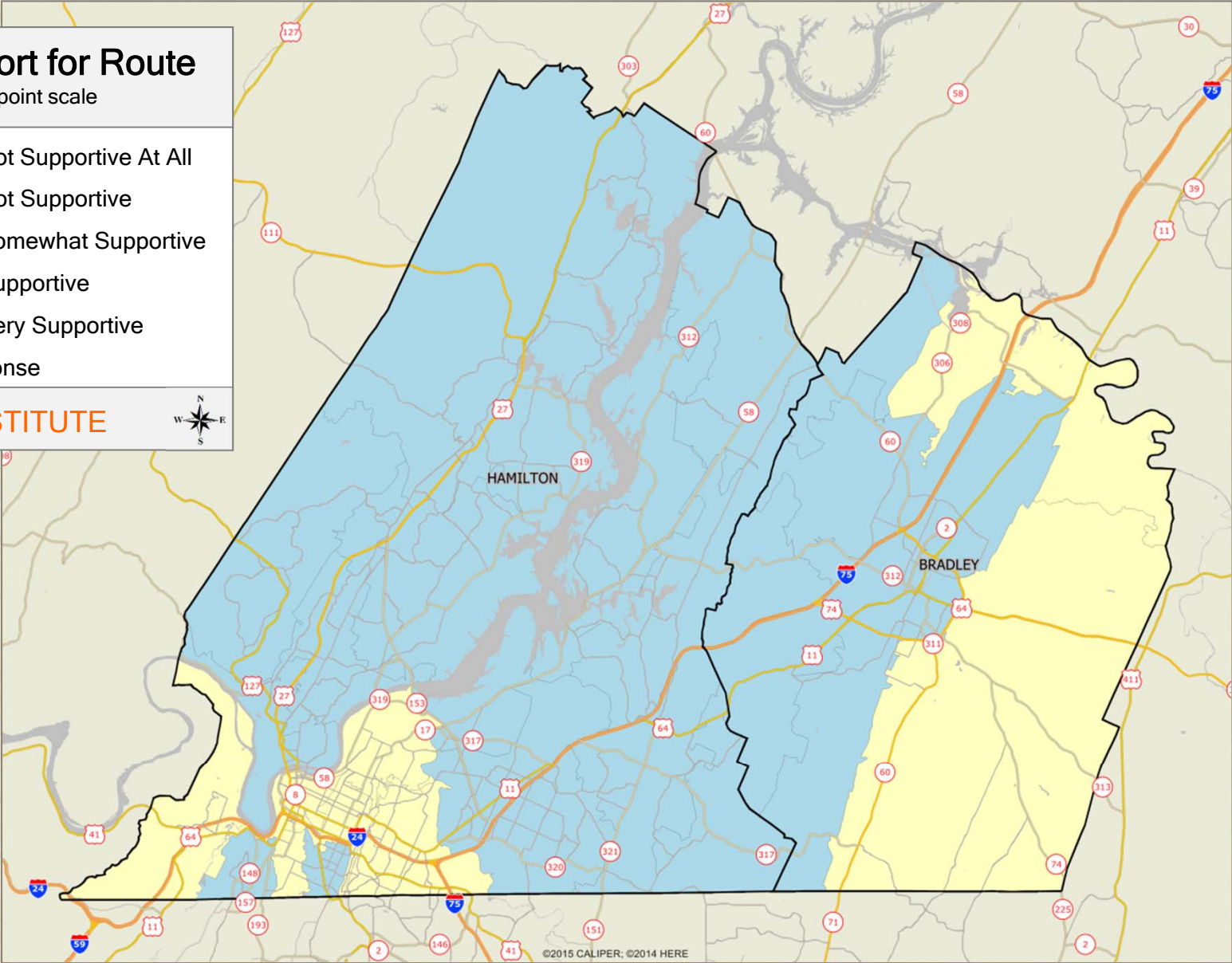


2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q4A Support for Green Route (Alternative 1)

Voter Support for Route
Mean rating on a 5-point scale

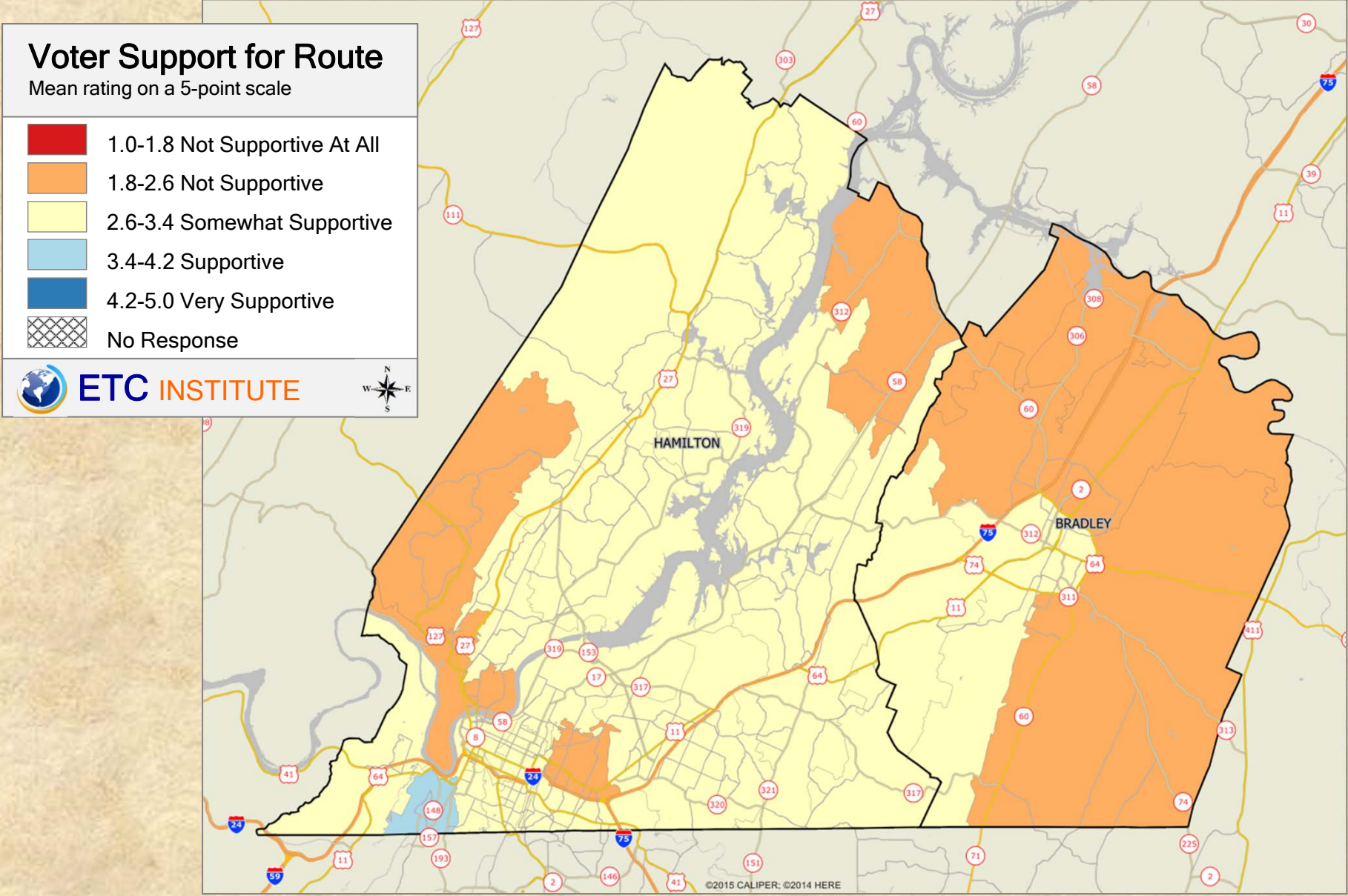
- 1.0-1.8 Not Supportive At All
- 1.8-2.6 Not Supportive
- 2.6-3.4 Somewhat Supportive
- 3.4-4.2 Supportive
- 4.2-5.0 Very Supportive
- No Response



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q4B Support for Red Route (Alternative 2)





2015 Tennessee River Bridge Toll Survey

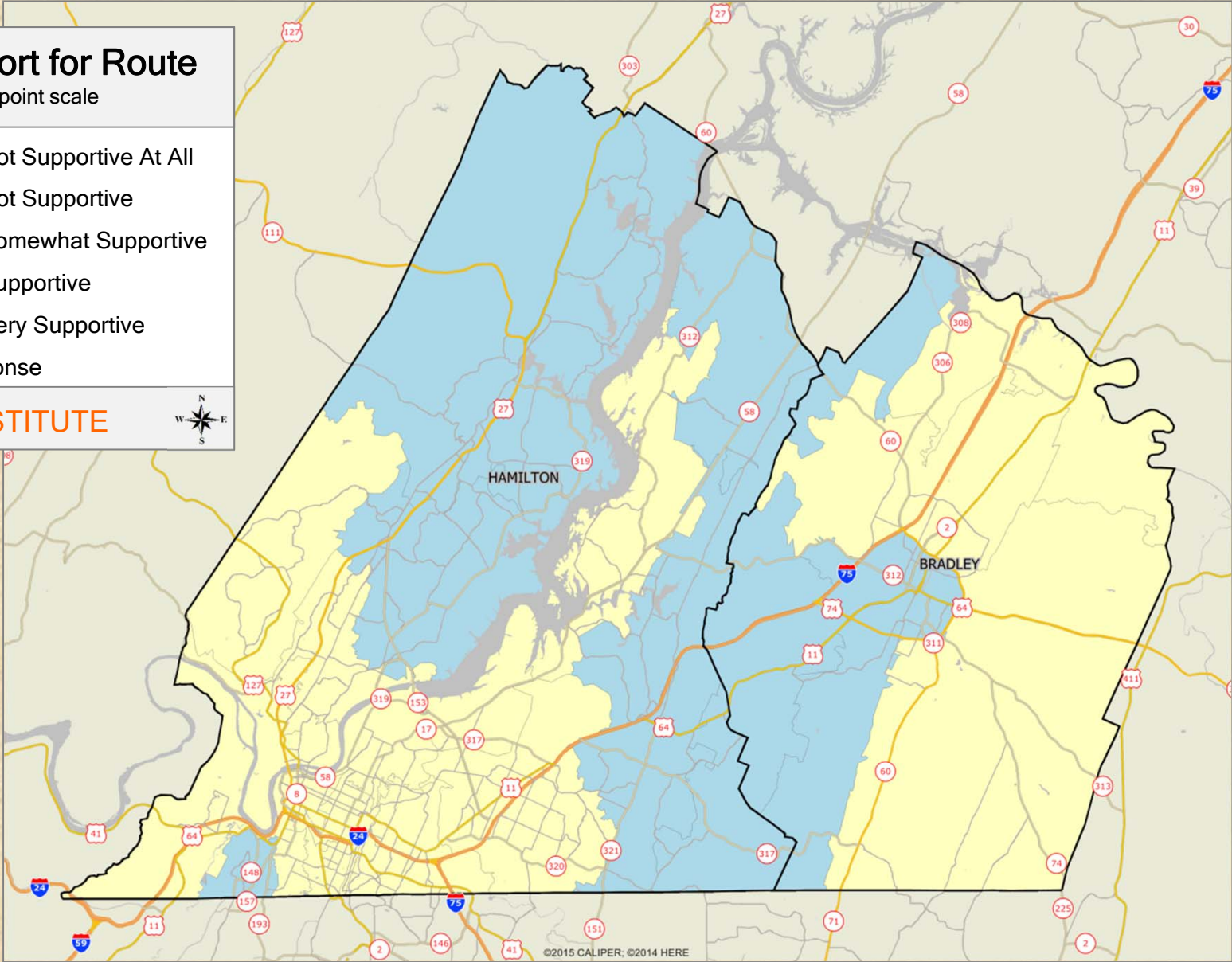
Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q4C Support for Blue Route (Alternative 3)

Voter Support for Route
Mean rating on a 5-point scale

- 1.0-1.8 Not Supportive At All
- 1.8-2.6 Not Supportive
- 2.6-3.4 Somewhat Supportive
- 3.4-4.2 Supportive
- 4.2-5.0 Very Supportive
- No Response

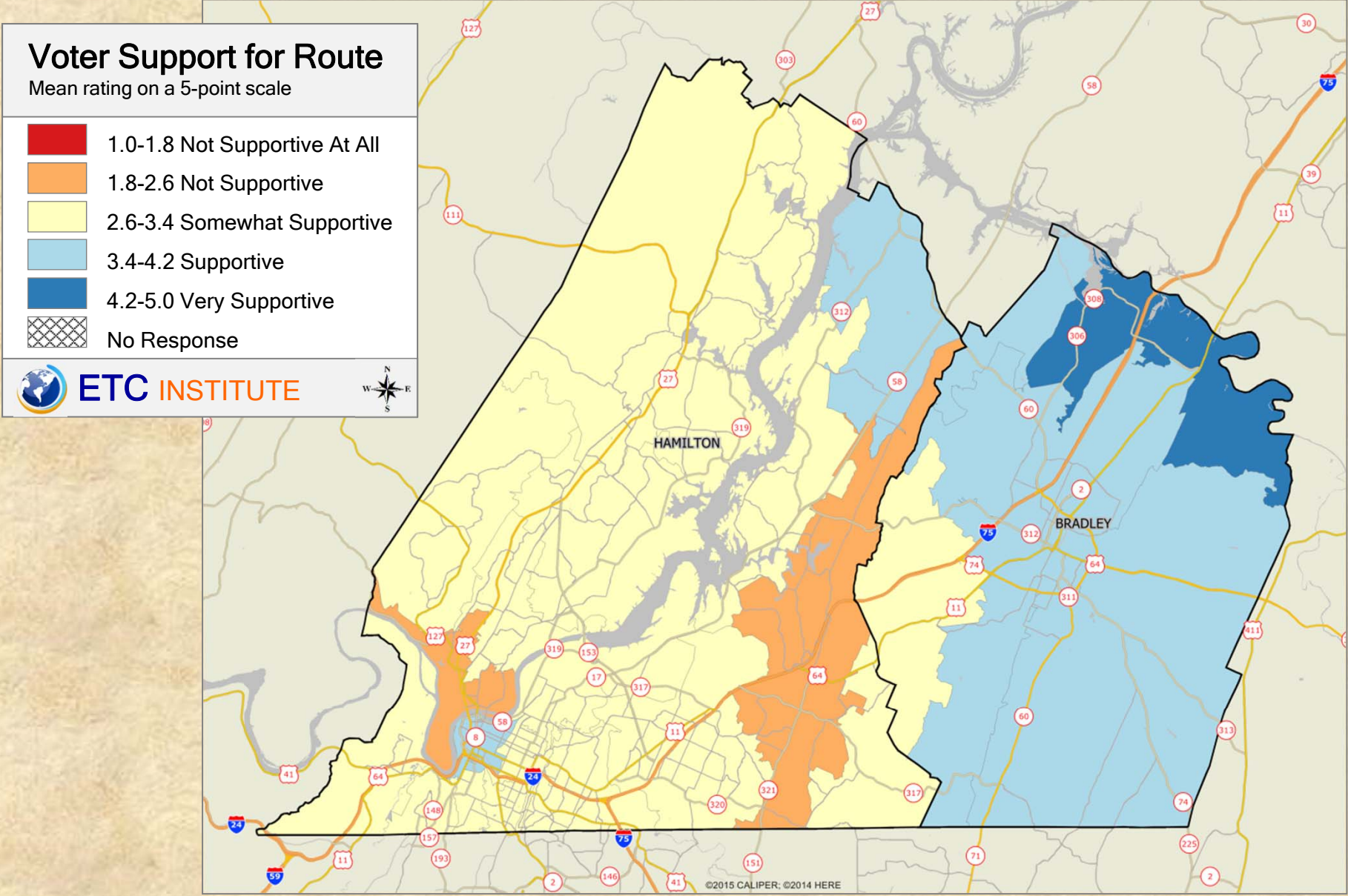
 



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

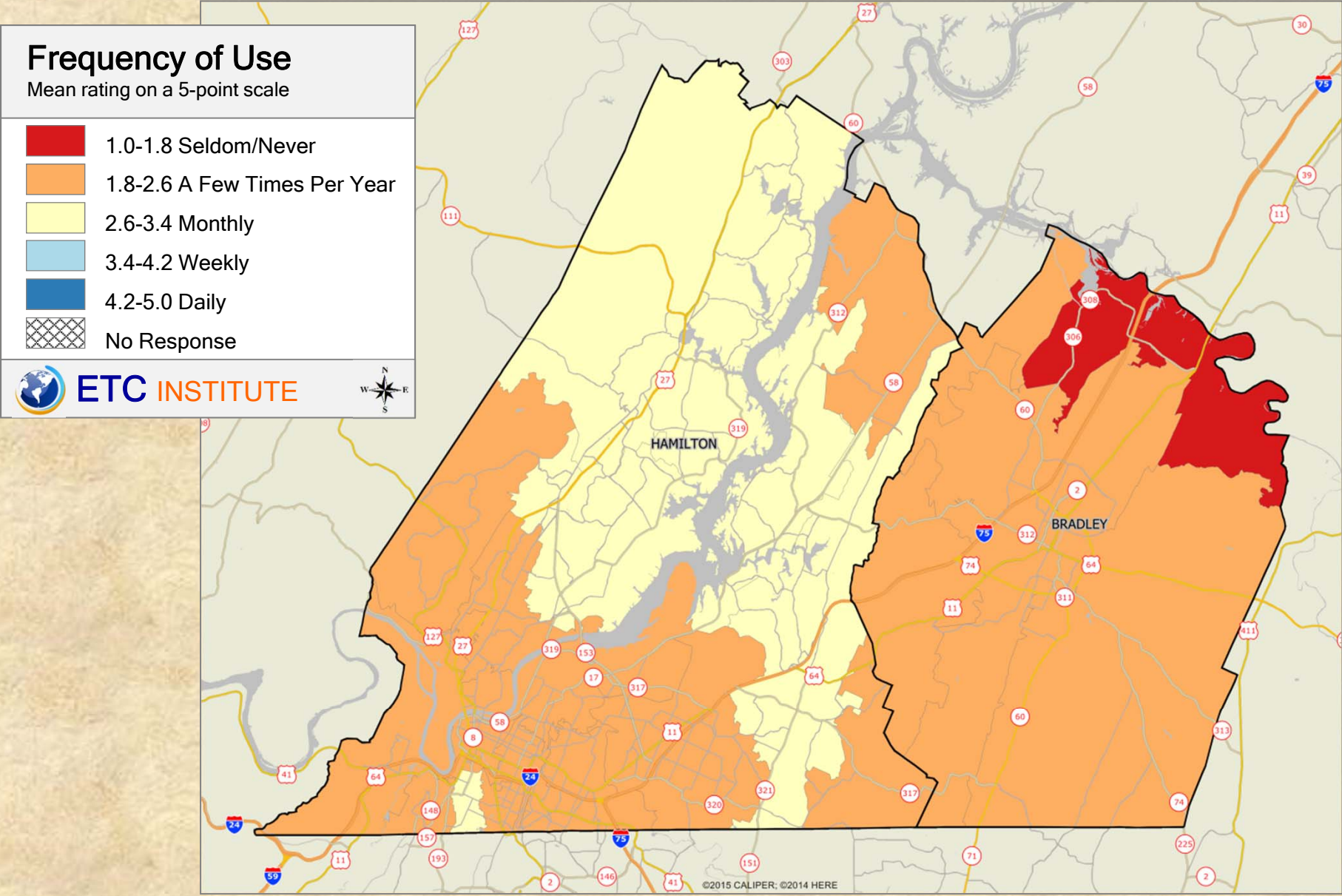
Q4D Support for Purple Route (Alternative 4)



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

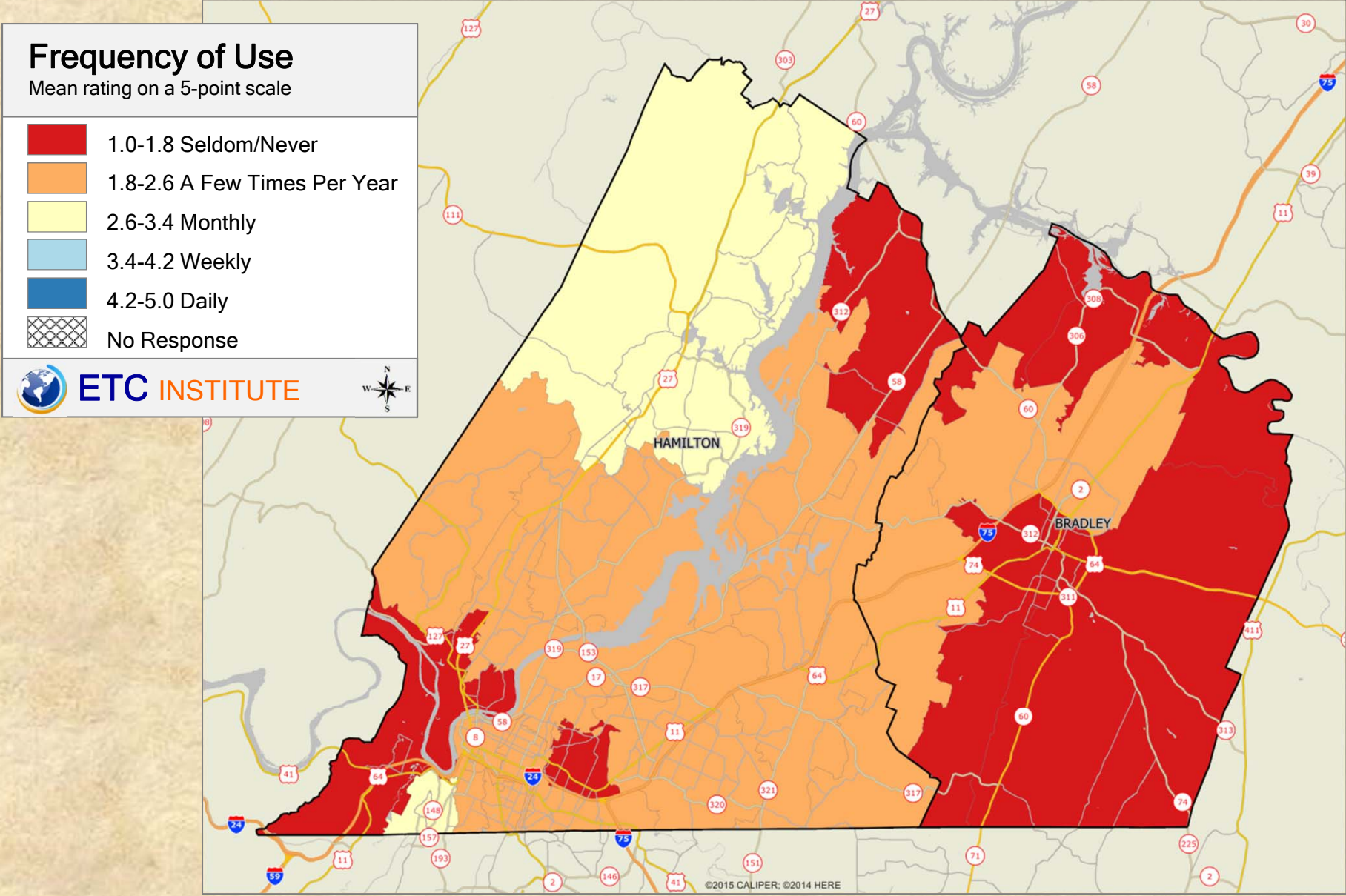
Q5A How often residents would use the Green Route (Alternative 1)



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

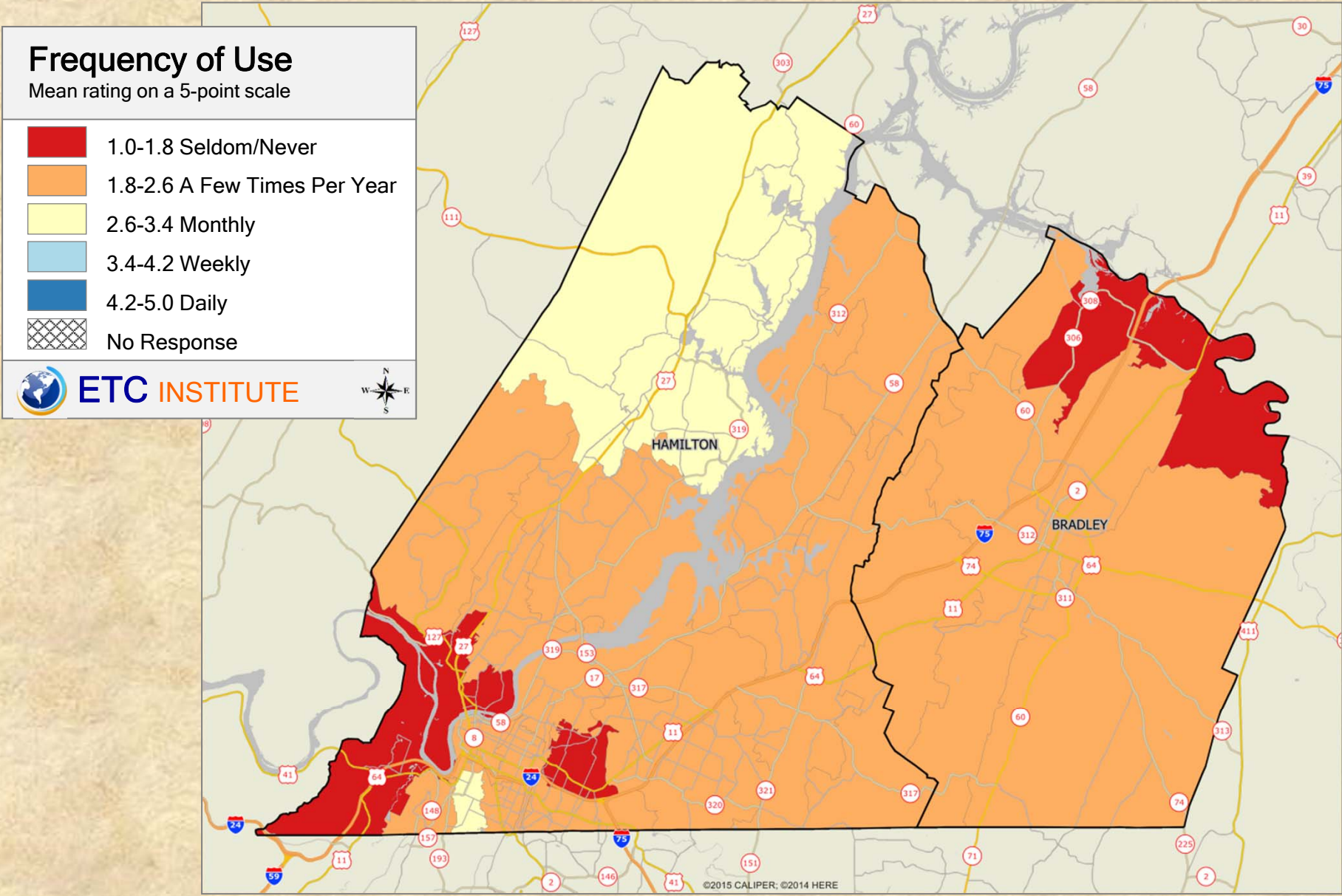
Q5B How often residents would use the Red Route (Alternative 2)



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q5C How often residents would use the Blue Route (Alternative 3)





2015 Tennessee River Bridge Toll Survey

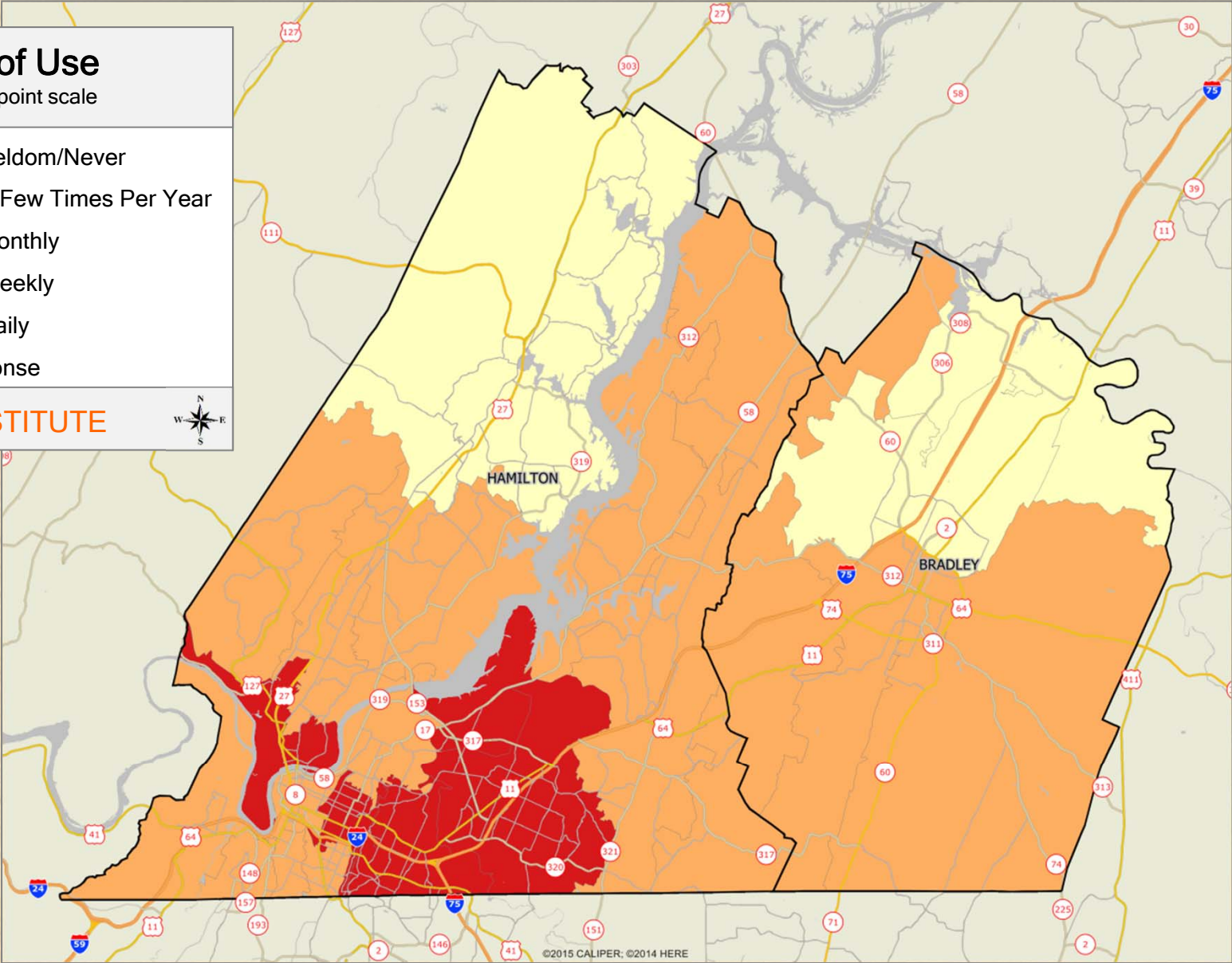
Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q5D How often residents would use the Purple Route (Alternative 4)

Frequency of Use
Mean rating on a 5-point scale

- 1.0-1.8 Seldom/Never
- 1.8-2.6 A Few Times Per Year
- 2.6-3.4 Monthly
- 3.4-4.2 Weekly
- 4.2-5.0 Daily
- No Response

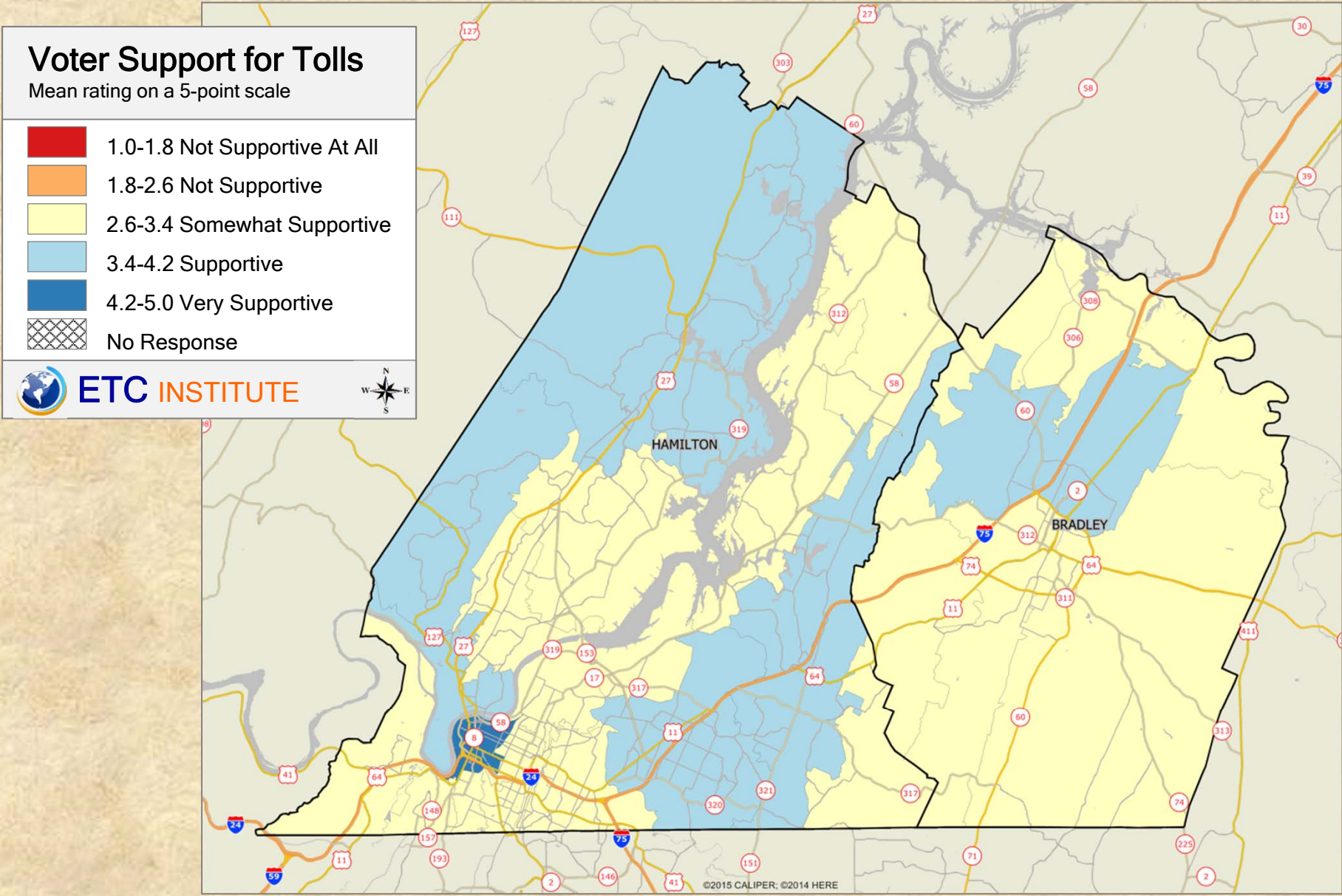
 



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Q7 Support for using tolls as a method of funding new highway projects in Tennessee



2015 Tennessee River Bridge Toll Survey

Shading reflects the mean rating for all respondents by ZIP (merged as needed)

Section 7:
Survey Instrument



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

LONG RANGE PLANNING DIVISION
SUITE 900, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-3421

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

August 15, 2015

Dear Tennessee Resident,

The Tennessee Department of Transportation (TDOT) is conducting a survey to get residents' input on the feasibility of developing a bridge over the Tennessee River in northern Hamilton County. Your input is important for the development of Tennessee's transportation system which includes not only state and interstate highways, but also airports, railroads, transit systems, waterways, and bridges.

This survey is a key component of our planning process. We will use the results to gauge your opinion on impacts and benefits to develop a bridge over the Tennessee River in northern Hamilton County, as well as, your opinion on various alternate routes.

We have selected ETC Institute to assist us with the survey. They will prepare a report based on everyone's collective responses which will be delivered by late summer 2015 and posted on the TDOT website. We look forward to having these results so that we can better understand and meet your transportation needs.

Please take a few minutes to complete the enclosed survey within the next few days using one of two options. You may return your completed survey by mail using the postage-paid envelope provided, or you can complete the survey online at <http://www.tdotbridgesurvey.com/>. Please choose only one option.

If you have any questions, please contact Tanisha Hall, TDOT Director of Long Range Planning, at (615) 741-3421. Thank you for your participation in this important process.

Sincerely,

A handwritten signature in black ink, appearing to read "JCS", written over a white background.

John C. Schroer
Commissioner

Enclosure

TENNESSEE RIVER BRIDGE TOLL SURVEY

Please take a few minutes to complete this important survey. Your input will be used by TDOT to help determine the feasibility of developing a bridge over the Tennessee River in northern Hamilton County to help connect areas east and west of the Tennessee River. If you prefer to complete the survey on-line, please go to www.TDOTbridgesurvey.com.

1. **The Tennessee Department of Transportation is considering plans to develop a toll bridge over the Tennessee River in northern Hamilton County to help connect areas east and west of the Tennessee River. Prior to receiving this survey, had you heard about plans to build the Tennessee River Bridge?**

___(1) Yes ___(2) No

2. **A list of issues that could impact plans to develop a bridge over the Tennessee River in northern Hamilton County is provided below. Using a scale of 1 to 5 where 5 means “Extremely Important” and 1 means “Not Important At All”, please rate the importance that you think should be placed on each of these issues.**

Issue:	Very Important	Important	Somewhat Important	Not Important	Not Important At All	Don't Know
A. Cost of the project	5	4	3	2	1	DK
B. Impact on the Environment	5	4	3	2	1	DK
C. The benefits to the economy	5	4	3	2	1	DK
D. How much the bridge reduces congestion on other highways	5	4	3	2	1	DK
E. Safety benefits for the traveling public	5	4	3	2	1	DK
F. How much the bridge would reduce the time it takes to travel to destinations on opposite sides of the Tennessee River	5	4	3	2	1	DK
G. Other: _____	5	4	3	2	1	DK

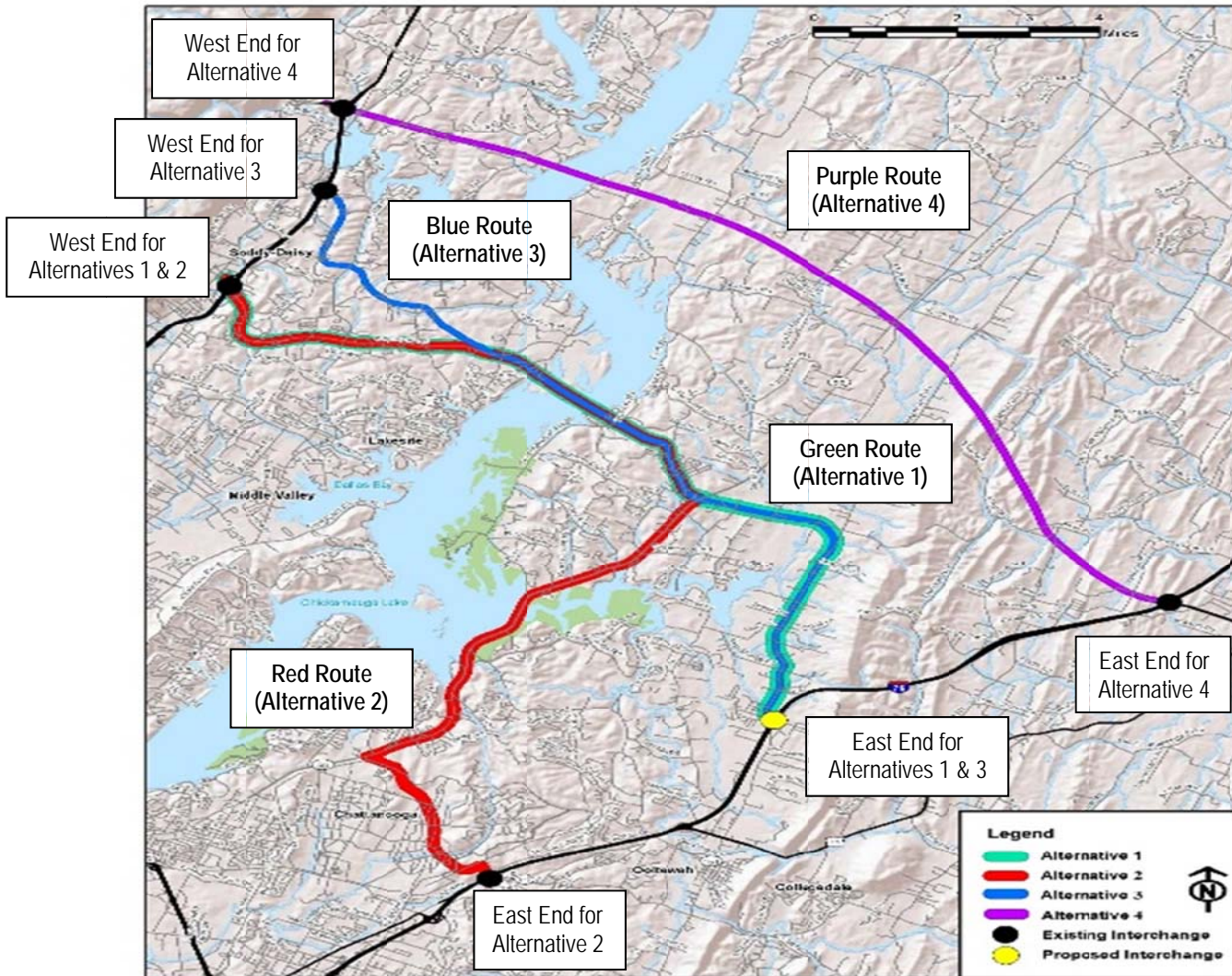
3. **Do you think it is a good idea for TDOT to develop a toll bridge over the Tennessee River in northern Hamilton County to travel across the Tennessee River?**

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

- 3a. **What is the main reason you answered YES or NO to Question 3?**

ALTERNATIVE ROUTES BEING CONSIDERED FOR THE Tennessee River BRIDGE

The map below shows four alternative routes that are being considered for the Tennessee River Bridge. Please use this map to answer questions 4-6.



GREEN Route (Alternative 1). The FIRST alternative would connect US 27 at Sequoyah Road on the west side of the Tennessee River with I-75 near mile marker 13 on the east side of the river. This alternative is 15 miles long and has interchange access at US-27, Harrison Bay Road, SR 58, Ooltewah-Georgetown Road, and I-75. With this alternative, vehicles would cross the Tennessee River south of the TVA Power Plant.

RED Route (Alternative 2). The SECOND alternative would connect US 27 at Sequoyah Road on the west side of the Tennessee River but would run south onto SR 58 and then go east on Enterprise Park Drive until it connects with I-75 near mile marker 8 on the east side of the river. This alternative is 20 miles long, and is the most southern. With this alternative, vehicles would cross the Tennessee River south of the TVA Power Plant.

BLUE Route (Alternative 3). The THIRD alternative would start at the Hixson Pike interchange with US 27 on the west side of the Tennessee River. It would then follow Hixson Pike to Sequoyah Road, and then follow the same alignment as Alternative 1 where it would connect with I-75 near mile marker 13 on the east side of the Tennessee River. This alternative is 15.5 miles long. With this alternative, vehicles would cross the Tennessee River south of the TVA Power Plant.

PURPLE Route (Alternative 4). The FOURTH alternative would connect US 27 at the SR 111 Interchange on the west side of the Tennessee River with I-75 near mile marker 20 on the east side of the river. This alternative is 16 miles long and has grade separated interchanges at US 27 (an existing interchange) and I-75 (an existing interchange), and at-grade intersections at Birchwood Pike (SR 312), SR 58, Ooltewah-Georgetown Road, and Harrison Pike (SR 312). With this alternative, vehicles would cross the Tennessee River north of Soddy Creek.

PLEASE USE THE MAP THAT HAS BEEN PROVIDED TO ANSWER QUESTIONS 4-6

4. The four alternative routes that are being considered to connect the east and west sides of the Tennessee River are shown on the map on the previous page. Using a scale of 1 to 5 where 5 is Very Supportive and 1 is Not Supportive At All, please indicate how supportive you would be of having TDOT build the bridge at the following locations:

<i>Alternatives</i>		Very Supportive	Supportive	Somewhat Supportive	Not Supportive	Not Supportive At All	Don't Know
A.	Green Route (Alternative 1)	5	4	3	2	1	DK
B.	Red Route (Alternative 2)	5	4	3	2	1	DK
C.	Blue Route (Alternative 3)	5	4	3	2	1	DK
D.	Purple Route (Alternative 4)	5	4	3	2	1	DK

5. Please indicate how often you would use each of the four alternatives that are being considered.

<i>Alternatives</i>		Daily	Weekly	Monthly	A Few Times Per Year	Seldom/ Never	Don't Know
A.	Green Route (Alternative 1)	5	4	3	2	1	DK
B.	Red Route (Alternative 2)	5	4	3	2	1	DK
C.	Blue Route (Alternative 3)	5	4	3	2	1	DK
D.	Purple Route (Alternative 4)	5	4	3	2	1	DK

6. If you needed to travel between a location on the east side of the Tennessee River and a location on the west side of the River and could save time by using a new bridge, what is the most you would be willing to pay to use the bridge if the bridge crossing would reduce the length of your trip by the amount of time shown in the table below?

What Is the Maximum Amount You Would Be Willing to Pay to Save the Time Shown? Time Saved (Circle the amount you would pay; if you don't know circle "DK")																	
A.	75 Minutes	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	DK
B.	60 Minutes	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	DK
C.	45 Minutes	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	DK
D.	30 Minutes	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	DK
E.	15 Minutes	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	DK

7. In general, how supportive would you be of using tolls as a method of funding new highway projects in Tennessee that would otherwise not be built due to the lack of funding?

- (5) Very supportive
- (4) Supportive
- (3) Somewhat supportive
- (2) Not supportive
- (1) Not supportive at all
- (9) Don't know

8. Are you a commercial driver?

- (1) Yes
- (2) No

9. What is your age? _____ years

10. What is your home zip code? _____

11. What is your work zip code? _____

12. Do you live east or west of the Tennessee River?

- (1) East
- (2) West

13. What is your annual household income?

- (1) Under \$30,000
- (2) \$30,000-\$59,999
- (3) \$60,000-\$89,999
- (4) \$90,000-\$199,999
- (5) \$120,000 or more

14. What is your gender?

- (1) Male
- (2) Female

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**