Documentation for

GREATER ATLANTA AREA STATED PREFERENCE TRAVEL SURVEY

Atlanta, Georgia

APPENDICES A - I

Prepared by

Resource Systems Group, Inc.

Prepared for

HNTB

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CONTENTS

APPENDIX A – AUTO SURVEY SCRIPT

ATLANTA MANAGED LANES SYSTEM STATED PREFERENCE SURVEY

AUTO QUESTIONNAIRE

SAMPLING PLAN

Survey participants will be recruited via:

- Intercept for laptop-based participation at activity sites such as shopping malls, Department of Driver Services (DDS) offices, colleges, and other locations.
- Email, intranet, printed notices, or other contact at large employers and colleges in the study area for participation via the Internet. Postcards containing a unique password for accessing the survey via the Internet will be handed out at activity sites to potential respondents who indicate interest but lack the time to complete the survey.

The survey will be administered between 17 May 2007 and 15 June 2007 on weekdays and weekends. Survey sites will be selected where respondents have a high likelihood of meeting the screening criteria (i.e., they have made a trip in the study corridor within the last week) and where there will likely be a good cross-section of the population to be intercepted, in terms of both trip purposes and demographics.

The intercept survey administration setup will consist of 20 laptop computers, distributed across three locations each day. We will bring additional computers for backup in case some of them malfunction. A professionally designed, matted poster will be placed on an easel at each intercept site to attract potential respondents. Each survey site will be staffed by three survey attendants (two temporary workers and one site manager) who will be responsible for approaching and screening potential respondents, escorting the respondents to interview stations, and assisting respondents with questions or helping them use the computers if necessary. These staff members will be trained by RSG so that they understand appropriate intercept techniques, details of the project (what to say and what not to say), and so that they are comfortable with the web-based survey instrument.

The sample will consist of weekday auto users traveling during peak and off-peak periods; traveling on trips for work and non-work purposes; and representing a variety of income, age, and other demographic groups.

SCREENING

All qualifying respondents must be adults who have made a trip within the last week that used at least one of the four Atlanta corridors under study: I-85 north of I-285, the eastern portion of I-20 outside of I-285, the western portion of I-20 outside of I-285, and the portions of I-85, I-75, and I-20 within I-285.

Respondents will be asked which, if any, of the study routes they have used recently. Respondents will then be asked to describe their most recent trip using the study route(s) they selected, including

trip purpose, travel time, and origin and destination locations. If qualified, they will be asked to evaluate and choose among potential future travel alternatives, including making the same trip using tolled managed lanes on the study routes. The final survey section includes demographic questions such as gender, age, employment status, and income.

SURVEY QUESTIONS

Page name	***Question Text***
password	*Internet only:* Welcome! Please enter your password: For information call toll free 1-888-774-5980 or email AtlantaTravelSurvey@surveycafe.com
passwordm	*Intercept only:* Thank you for agreeing to participate in the Atlanta Travel Survey. Click "Next Question" to begin.
instruction	Thank you for participating in this survey! The Georgia Department of Transportation (GDOT) is evaluating plans for increasing highway capacity and reducing congestion in the Atlanta area. The purpose of this survey is to gather input about these plans. Questions are customized based on your responses. Your answers will be kept confidential. INSTRUCTIONS: Answer each question, then use the "Next Question" button to continue. If you need to back up and change an answer, please use the back button on your browser. Please click "Next Question" to begin.
triptype	Have you made a WEEKDAY trip within the past week that was at least 15 minutes long and used any part of the highlighted sections of I-85, I-20, I-75, or I-285, shown on the map below? *Map highlighting study routes will be inserted.* Yes, I made a trip that used I-85, I-20, I-75, and/or I-285 in the past week. No, I have not made a trip that used I-85, I-20, I-75, or I-285 in the past week. (*TERMNATE*)
trippeak	At what time(s) in the last week did you make a trip or make trips that used I-85, I-20, I-75, and/or I-285? Please select all that apply. Remember, trips must be at least 15 minutes long.

	I used one or more of these routes: IN THE MORNING RUSH PERIOD (6 AM TO 10 AM) IN THE EVENING RUSH PERIOD (3 PM TO 7 PM) AT ANOTHER TIME *If respondent selects only one rush period, or selects "at another time," the rest of the questions will ask about that trip. If both rush periods are selected, the respondent will be randomly assigned to the AM or PM rush period and the rest of the survey questions will be customized to ask about that trip.*
triprte	Please think about the most recent weekday trip you made <*if selected more than one time period:* in the morning/evening rush period> that lasted 15 minutes or longer and used any part of the highlighted sections of I-85, I-20, I -75, and/or I-285 shown on the map below. *Map highlighting study routes will be inserted.* Which of these roads did you use? Please select only the roads that you used on the most recent trip you made <*if selected more than one time period:* in the morning/evening rush period>. I-85 I-75 I-20 east of junction with I-75 I-20 west of junction with I-75 I-285
vehicle	All the questions in this survey will ask you about your most recent weekday trip you made <*if selected more than one time period:* in the morning/evening rush period> that used <study road(s) selected> and was at least 15 minutes long. What kind of vehicle were you driving during your trip? Passenger car, motorcycle, or SUV/truck (with 4 tires) Two-axle truck (with 6 tires)
purpose	*If three, four, five, or six or more axle truck, branch to truck survey* *If automobile (vehicle = 1) or two axle truck (with 6 tires) (vehicle = 2):* What was the main purpose of your trip? Go to/from work Working/work-related business Go to/from Hartsfield Airport

	Go to/from school Shopping Social or recreational (such as visiting a friend or going to the movies) Other personal business (such as a medical appointment) *If two-axle truck (with 6 tires) and purpose is working/work-related business, branch to truck survey*
airdepart	*If go to/from airport for a flight:* Which of the following best describes your trip? I went to the airport to depart on a flight. I went to the airport to pick someone up or drop someone off. I came from the airport after arriving on a flight. I came from the airport after picking someone up or dropping someone off. I work at the airport.
airpurp	*If go to/from airport for a flight:* Was your flight mainly for business? Yes No
dow	What day of the week did you make your trip? Remember, we are asking about your weekday trip <in the morning/evening rush period> that used <study route(s) selected>. Monday Tuesday Wednesday Thursday Friday
begtime	What time did you begin your trip? Early morning (midnight–5:59 AM) 6:00–6:59 AM 7:00–7:59 AM 8:00–8:59 AM 9:00–9:59 AM 10:00–10:59 AM 11:00–11:59 AM 12:00–12:59 PM 1:00–1:59 PM

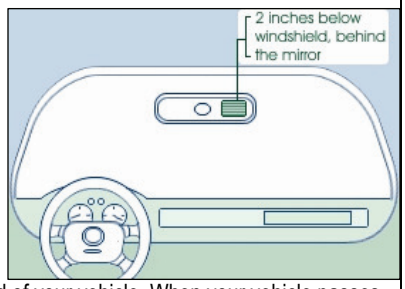
	2:00–2:59 PM 3:00–3:59 PM 4:00–4:59 PM 5:00–5:59 PM 6:00–6:59 PM 7:00–7:59 PM Night (8:00 PM–midnight)
beginloc	The next few questions will ask for more details of your trip. Your information will be kept confidential. Where did you start your trip? From my home From my workplace From another place
endloc	Where did your trip end? Please tell us about the part of your trip in one direction only, not a round trip. *Answer choices will be customized based on answer to beginloc question.* At my home At my workplace At another place
orig	Please provide as much information as possible about where your trip BEGAN. If you do not know the address or business name please click on the box at the bottom of the page. Street Address or Intersection (example: Peachtree St & Trinity Ave): City: State: Zip code: Don't know the address or business name or prefer to use a map *If "Don't know" is selected, a map will be shown of the study area. Respondents will click on map which will return x,y coordinates that can be converted to a latitude and longitude and assigned to a TAZ.*
dest	Now, please tell us where your trip ENDED. If you do not know the address or business name, please click on the box at the bottom of the page. Street Address or Intersection (example: Peachtree St & Trinity Ave): City: State:

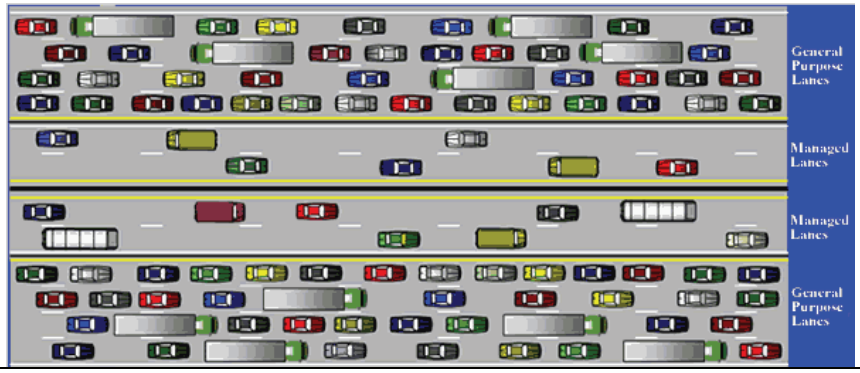
	Zip code: Don't know the address or business name or prefer to use a map *If "Don't know" is selected, a map will be shown of the study area. Respondents will click on map which will return x,y coordinates that can be converted to a latitude and longitude and assigned to a TAZ.*
	Note to Reviewers on the use of geocoding information and skim data: Respondent's origin and destination map clicks will be geocoded to a specific latitude and longitude and assigned to a zone within a grid system created by RSG. The RSG zones in the grid system are smaller than the Traffic Analysis Zones (TAZ) in the network model for the area, therefore they provide more accurate pinpointing of origin and destination locations. Each origin and destination latitude and longitude will also be associated with a TAZ from the network model for the area for later analysis. Skim data will be used to estimate total travel time and distance for the respondent's reported trip. This information will be used to validate the reported total travel time. If the respondent's reported time is beyond an acceptable range of variation from the skim data, the respondent will be shown a warning asking them to verify that the travel time that they entered is correct. In addition, skim data will be used to estimate the proportion of travel time and distance occurring on interstate highways versus time and distance on other roads. The ratio of highway time to time on other roads obtained from the skim data will be applied to the respondent's total travel time. For example, if skim data shows a 2:1 ratio for highway time versus time on other roads, and the respondent reports a 60 minute travel time, we would estimate that 40 minutes of the reported travel time was spent on highways. This information is used in constructing the stated preference experiments (see formulas below). In this example, the respondent's "time to/from the study highway" would be 20 minutes, and the highway distance is that calculated using the skim data. The respondent's geocoded origin and destination information will also be used to estimate likely on- and off-ramps for the study routes, which are used in the "onroad" and "offroad" questions below. Since there are many highway interchanges within the study area, the origin and destination information will be used to identify a "short list" of interchanges that are close to the origin and destination.
Firstroad	*If used more than one study route:* Thank you for telling us where your trip began and ended. Earlier you told us you used <insert study routes> for this trip. Which highway did you get on first? *Show only study routes used:* I-85

	I-75 I-20 east of I-75 I-20 west of I-75 I-285
OnRoad	At which interchange did you get onto <insert firstroad>? You can scroll up and down to select your exit number. *Using the origin information, we will estimate the closest interchanges on the first road and show an abbreviated list of interchanges in that vicinity.* Further <insert north, south, east, west as applicable> <insert list of exits> Further <insert north, south, east, west as applicable>
LastRoad	*If used more than two study routes for trip:* Which of these highways did you use last? *Show only study routes used that were not identified in firstroad:* I-85 I-75 I-20 east of I-75 I-20 west of I-75 I-285
OffRoad	At which interchange did you get off of <insert lastroad>? You can scroll up and down to select your exit number. *Using the destination information, we will estimate the closest interchanges on the last road and show an abbreviated list of interchanges in that vicinity.* Further <insert north, south, east, west as applicable> <insert list of exits> Further <insert north, south, east, west as applicable>
Travtime	How much time did your most recent trip take, door-to-door?

HOURS	MINUTES
0	0
1	5
2	10
3	15
4	20

	5: 25, 30, 35, 40, 45, 50, 55
delay	When you made this trip, did the trip take longer than it normally does due to heavy traffic? No, the trip did not take longer than usual Yes, the trip took about 5 minutes longer than usual Yes, the trip took 5–10 minutes longer than usual Yes, the trip took 10–20 minutes longer than usual Yes, the trip took 20 minutes (or more) longer than usual
Freq	How often do you make this same <purpose> trip between these places in this direction? 6+ times per week 4–5 times per week 2–3 times per week Once per week 2–3 times per month Once per month Less than once per month. How many times per year? _____
occ	For the majority of your trip, how many people were in the vehicle, including yourself? 1 (drove alone) 2 3 4 5 or more
carpool	*If occ>1 then:* Who was in the car for this trip? Select all that apply. Members of my household Friends or relatives who live elsewhere Co-workers Other pre-arranged carpoolers Casual carpoolers Other, please specify:

ycpcm	*If occ> 1 then :* Which of the following best describes the reason you chose to carpool for this trip? Please select all that apply. To save on tolls To save gas money To save on parking costs Convenience Concern for the environment Other, please specify: *Answer choices shown in random order*
hov	Did you use an HOV (High Occupancy Vehicle) lane for this trip? Yes No
toll	Did you pay any tolls in Georgia during this trip? No, I did not pay any tolls. Yes, I paid cash on the Georgia 400. Yes, I paid with a Georgia Cruise Card on the Georgia 400.
etc	*If toll < 3 then:* Do you currently have a Georgia Cruise Card transponder* in your car for electronic toll collection (ETC)? Yes, I have a Georgia Cruise Card. No, but I have another type of ETC transponder, please specify: No, I don't have a Georgia Cruise Card or other transponder.  *A transponder is a credit-card sized electronic device that is mounted inside the windshield of your vehicle. When your vehicle passes through a toll plaza, an antenna at the toll plaza reads the account information contained in the transponder. The appropriate toll is then deducted from your prepaid account.
slide1	Please read and click "Next Question" to continue. The Georgia Department of Transportation (GDOT) is evaluating a plan for increasing highway capacity and reducing congestion in the Atlanta area. Improvements may be made on the yellow highlighted portions of the roads shown below. *Insert graphic highlighting study routes.*

slide2	Please read and click "Next Question" to continue. Up to two "managed lanes" could be provided in each direction. Travelers driving alone would pay a toll for these lanes, and carpools could either be toll free or tolled at a reduced rate.Tolls would vary by time of day or level of congestion. Tolls might be higher during rush hour and other busy periods to maintain free-flow conditions on the managed lanes. No heavy trucks would be allowed on the managed lanes. The existing lanes would still be available for all travelers and would remain toll-free. 
Cbcint	**STATED PREFERENCE SECTION** ***SOV or HOV2*** In the next section, you will compare the trip you just described with two alternative ways of making the same trip along an improved [road]. ***HOV3+*** In the next section, you will compare the trip you just described with an alternative way of making the same trip along an improved [road]. The options are: 1. [Drive alone] [Carpool] and use the existing lanes with no toll 2. [Drive alone] [Carpool] and use the new managed lanes with a toll **SOV** 3. Carpool and use the new managed lanes, most times with a toll **HOV2**

<table>
<tr><td></td><td>3. Carpool with additional passengers and use the new managed lanes, most times with a toll

Please assume that all options would be available to you and then choose the one you prefer. Click "Next Question" to continue.

If mode for trip described was drive alone, first two options will be drive alone. Otherwise, they will be carpool. The third option will only be shown to people with fewer than three people in the car.</td></tr>
<tr><td>SP_1</td><td>If the following options were available to you for making your <purpose> trip, which would you choose?

Pay close attention to travel times and tolls because they will be changing over the next few screens.

<table>
<tr><th>[1] Existing General Purpose Lanes: <insert current mode (Drive Alone or Carpool)></th><th>[2] New Managed Lanes: <insert current mode (Drive Alone or Carpool)></th><th>[3] New Managed Lanes: Carpool</th></tr>
<tr><td>Travel time:
<xx min></td><td>Travel time:
<xx min></td><td>Travel time:
<xx min></td></tr>
<tr><td>Toll free or current toll</td><td>Toll: <$x></td><td>Toll: <$x></td></tr>
<tr><td>If carpool:
People in carpool: <current occupancy></td><td>If carpool:
People in carpool: <current occupancy></td><td>People in carpool:
<2/3 people if current mode is drive alone, 3/4 people if current mode is carpool ></td></tr>
</table></td></tr>
<tr><td></td><td>Note to reviewers: A set of eight scenarios will be presented to each respondent using the variables in an experimental design (travel time, toll, and carpool size). Each variable has 2, 4, or 8 levels and the combinations of levels for each scenario were derived from an orthogonal design. An orthogonal design is a commonly used technique for constructing experimental plans in a manner that allows for later estimation of the respondents' relative preferences for each of the tested variables (time, cost, occupancy). The table on the next page describes the calculations used for setting each of the variables' levels.</td></tr>
<tr><td>SP_1</td><td>DESCRIPTION OF VARIABLES TO BE TESTED

<u>Note:</u> The speeds and toll costs listed below are placeholders in this draft questionnaire. After analysis of speed and delay data and the network models, new values will be inserted.

<u>Peak Definition:</u> Peak is defined as peak time periods.

<u>Description of variables used in formulas below:</u>
Time to/from Study Hwy is calculated by applying the ratio of highway time to arterial time from the skim data to the respondent's reported travel time.</td></tr>
</table>

Base speed is calculated by dividing the study highway distance from the skim data by the study highway time, which is the respondent's reported travel time minus the time to/from the study highway. Base speed variation is 0.293 + speed * -0.002857; this provides a variation of 3.75 mph at 15 mph and 7.5 mph at 50 mph.

	Peak	Off Peak
Minimum Distance	1; use 3 for 1–2 miles	1; use 4 for 1–3 miles
Maximum Distance	50	50
Minimum Base Speed	15	35
Maximum Base Speed	50	65

[1] General Purpose Lanes: Current Occupancy

Travel Time

Peak and Off-Peak Travelers:

Time to/from Study Hwy + Study Hwy distance / basespeed + (-2*speedvariation)
Time to/from Study Hwy + Study Hwy distance / basespeed + (-speedvariation)
Time to/from Study Hwy + Study Hwy distance / basespeed + (speedvariation)
Time to/from Study Hwy + Study Hwy distance / basespeed + (2*speedvariation)

Toll

Current toll as reported on toll question, if applicable

[2] New Managed Lanes: Current Occupancy

Travel Time

Peak Travelers:

Time to/from Study Hwy + Study Hwy distance / (GP speed + 25 mph)
Time to/from Study Hwy + Study Hwy distance / (GP speed + 30 mph)
Time to/from Study Hwy + Study Hwy distance / (GP speed + 35 mph)
Time to/from Study Hwy + Study Hwy distance / (GP speed + 40 mph)

**Note: base speed outliers (extremely high or low) will be adjusted to produce a reasonable range of speeds*

Off-Peak Travelers:

Time to/from Study Hwy + Study Hwy distance / (GP speed+ 15 mph)
Time to/from Study Hwy + Study Hwy distance / (GP speed+ 20 mph)
Time to/from Study Hwy + Study Hwy distance / (GP speed + 25 mph)
Time to/from Study Hwy + Study Hwy distance / (GP speed+ 30 mph)

Toll

**If respondent currently pays a toll, that will be added to the toll for current route or both alternatives if applicable; minimum toll shown will be $0.25; maximum toll shown will be $25*

Peak Travelers:

Study Hwy distance * 0.05/mile
Study Hwy distance * 0.10/mile

Study Hwy distance * 0.15/mile
Study Hwy distance * 0.20/mile
Study Hwy distance * 0.25/mile
Study Hwy distance * 0.30/mile
Study Hwy distance * 0.35/mile
Study Hwy distance * 0.40/mile

Off-Peak Travelers:
Study Hwy distance * 0.02/mile
Study Hwy distance * 0.05/mile
Study Hwy distance * 0.08/mile
Study Hwy distance * 0.11/mile
Study Hwy distance * 0.14/mile
Study Hwy distance * 0.17/mile
Study Hwy distance * 0.20/mile
Study Hwy distance * 0.23/mile

[3] New Managed Lanes: Carpool

Travel Time
same as [2] new managed lanes: Current occupancy + 3 minutes per additional passenger (max 6 minutes)

Toll
Free
New managed lanes drive alone cost * .33
New managed lanes drive alone cost * .67
Same as new managed lanes drive alone cost

Occupancy
If current mode is drive alone:
2 people in carpool
3 people in carpool
If current mode is carpool:
3 people in carpool
4 people in carpool

SP_9

If respondent always selects the same alternative for the previous 8 scenarios:

If these following options were available to you for making your <purpose> trip in the future, which would you choose?

[1] Existing General Purpose Lanes: <insert current mode (Drive Alone or Carpool)>	**[2] New Managed Lanes: <insert current mode (Drive Alone or Carpool)>**	**[3] New Managed Lanes: Carpool**
Travel time: <xx min>	Travel time: <xx min>	Travel time: <xx min>
Toll free	Toll: <$x>	Toll: <$x>

<table>
<tr><td></td><td>
<table>
<tr><td>If carpool:
People in carpool: <current occupancy></td><td>If carpool:
People in carpool: <current occupancy></td><td>People in carpool:
<2/3 or 3/ 4 people ></td></tr>
</table>

If respondent never chose toll: travel times are repeated from the scenario with the lowest value cost/time trade off and the toll is halved.

If respondent always chose toll: travel times are repeated from the scenario with the highest value cost/time trade off and the toll is increased by 50%.
</td></tr>
<tr><td>truck</td><td>
If respondent chooses a managed lanes option at least once in sp section: Currently heavy trucks will not be allowed to use the managed lanes.

In the previous section of the survey, you said you would <insert mode (drive alone or carpool)> on the managed manes if it took <insert time and cost>.

If heavy trucks were allowed to use the managed lanes, how likely would you be to still <insert mode (drive alone or carpool)> on the managed lanes for that time and cost?

• Very likely
• Likely
• Not sure
• Unlikely
• Very unlikely
An experiment shown in the previous section in which the respondent chose a managed lanes option will be randomly selected to provide the time and cost figures.
</td></tr>
<tr><td>ycpool</td><td>
If respondent chooses a carpool option at least once in stated preference questions: Which of the following best describes the reason you chose one of the <insert “managed lane” if applicable> carpool options in the previous set of questions?

Please select all that apply.

• To save on tolls
• To save gas money
• To save on parking costs
• Convenience
• Concern for the environment
• Other, please specify:

Answer choices shown in random order
</td></tr>
</table>

ynocpool	*If respondent never chooses HOV managed lane option:* Which of the following best describes the reason you did not choose one of the carpool options in the previous set of questions? Please select all that apply. • Too much time required to coordinate with others • Don't know others to carpool with • Like privacy of traveling alone • Like flexibility of traveling alone • Other, please specify: *Answer choices shown in random order*
ynoml	*If respondent never chooses managed lane option:* Which of the following best describes the reason you did not choose any of the managed lanes options in the previous section? Please select all that apply. • Toll is too high • Do not want to set up a transponder account • Do not want a transponder in my car • Do not want to pay a toll • Other, please specify: *Answer choices shown in random order*
getetc	*If ETC = 3 (Don't have ETC) AND selected at least one "managed lanes" option in cbc:* On the new managed lanes, tolls will be paid electronically using either of the following methods: • By electronic toll collection (ETC), such as a Georgia Cruise Card, which requires you to have a transponder mounted inside your vehicle's windshield. Toll costs would be deducted from a prepaid account each time you use the toll lanes. • By video toll collection, where your vehicle's license plate is read by a camera and toll bills are sent monthly to the vehicle's registered owner. No transponder or prepaid account is required. In the previous section, you said you would use the managed lanes portion of <appropriate road(s)> if your trip would take <minutes> for a cost of <dollars>. If the toll for that trip using ETC was <dollars/ (1+surcharge)>, but still <dollars> if you paid using video tolling, how would you pay the toll? • Very likely to pay toll with ETC

	• Somewhat likely to pay toll with ETC • Not sure • Somewhat likely to pay by video tolling • Very likely to pay by video tolling *The surcharge amount will be randomly varied between 30%, 45%, and 60%*
yyesml	*If selected a managed lanes option:* Please indicate the reasons you selected an option that included tolls in the previous section. Please select all that apply. • Lower travel times • Less congestion • More reliable travel time • Other, please specify: *Answer choices shown in random order*
opinion	From everything you have learned about this project, which of the following best describes how you feel about additional managed lanes on I-85, I-75, I-20, and I-285? Strongly favor it Somewhat favor it Neutral Somewhat opposed to it Strongly opposed to it
yfavor	*If strongly or somewhat favor:* Please indicate the main reason you are in favor of the new managed lanes. Shorter travel time More reliable travel time Less congestion Improved access in/out of Atlanta Other, please specify: _____ *Answer choices shown in random order*
yoppose	*If strongly or somewhat opposed:* Please indicate the main reason you are opposed to the new managed lanes. Opposed to paying tolls Tolls are too high Adverse environmental impact

<table>
<tr><td></td><td>It will bring too much traffic/development
Opposed to new roads in general
Other, please specify:_____

Answer choices shown in random order</td></tr>
<tr><td>debr</td><td>How strongly do you agree or disagree with each of the following statements?

Statements shown in random order
<table>
<tr><th></th><th>Strongly agree</th><th>Agree</th><th>Neutral</th><th>Disagree</th><th>Strongly disagree</th></tr>
<tr><td>I will use a toll route if the tolls are reasonable and I save time.</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>I can generally afford to pay tolls.</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>I support using tolls to pay for highway improvements that relieve congestion.</td><td></td><td></td><td></td><td></td><td></td></tr>
</table></td></tr>
<tr><td>resident</td><td>DEMOGRAPHICS

For the final section of the survey, you will be asked questions about your household. All of your answers will be kept strictly confidential.

Are you a resident of the Atlanta area or a visitor to the area?

• Resident
• Visitor</td></tr>
<tr><td>county</td><td>In which county do you live?

Clayton
Cobb
Dekalb
Douglas
Fayette
Fulton
Gwinnett
Henry
Paulding
Outside of Georgia</td></tr>
</table>

	Other, please specify:
hhsize	How many people live in your household? 1 person (I live alone) 2 people 3 people 4 people 5 people 6 or more people
numveh	How many cars, motorcycles, pickup trucks, minivans, etc., are there in your household? 0 (no vehicles) 1 vehicle 2 vehicles 3 vehicles 4 vehicles 5 or more vehicles
gender	What is your gender? Female Male
age	Which category represents your age? 16 to 24 25 to 34 35 to 44 45 to 54 55 to 64 65 or older
employ	What is your employment status? Employed full-time Employed part-time Self-employed Student Student and employed Retired Homemaker Not currently employed

income	Which category best represents your household's annual income before taxes? Note: this information will be kept confidential and is used only to make sure we have acquired a representative sample of the area population. Under $25,000 $25,000 – $49,999 $50,000 – $74,999 $75,000 – $99,999 $100,000 – $149,999 $150,000 or more
intacc	Do you have access to the Internet? No Yes
inetloc	*If internet = 'yes'* Where do you have access to the Internet? Select all that apply. Home Work Internet café, library, or other public place using my own computer Internet café, library, or other public place using their computer terminal
comments	Thank you for completing this survey. All of your responses have now been saved. If you would like to provide additional input on the survey or your experiences traveling in the Atlanta region, please type your comments in the box below and click "next page." Or, simply click on the "nextquestion" button to exit the survey.
end	Thank you for your participation! This survey is conducted by Resource Systems Group Inc. (RSG)  With HNTB

	HNTB For Georgia Department of Transportation (GDOT) 

APPENDIX B – COMMERCIAL VEHICLE SURVEY SCRIPT

ATLANTA EXPRESS LANES STATED PREFERENCE SURVEY

COMMERCIAL VEHICLE QUESTIONNAIRE

SAMPLING PLAN

Survey respondents will be recruited via:

- Intercept for laptop-based participation at sites such as truck stops, rest stops, multimodal center etc.
- Email, intranet, printed notices or other contact through large trucking companies in the study area for participation via the Internet. Postcards containing a unique password for accessing the survey via the Internet will be handed out at activity sites to potential respondents who indicate interest but lack the time to complete the survey.

The survey will be administered between May 17, 2007 and June 15, 2007 on weekdays and weekends. Survey sites will be selected where respondents have a high likelihood of meeting the screening criteria (i.e., they have made a trip in the study corridor within the last week) and where there will likely be a good cross-section of the population to be intercepted, in terms of both trip purposes and demographics.

The intercept survey administration setup will consist of 5 laptop computers, distributed across one or two locations each day. We will bring additional computers for backup in case some of them malfunction. A professionally designed matted poster will be placed on an easel at each intercept site to attract potential respondents. Each survey site will be staffed by three survey attendants (two temporary workers and one site manager) who will be responsible for approaching and screening potential respondents, escorting the respondents to interview stations, and assisting respondents with questions or helping them use the computers if necessary. These staff members will be trained by RSG so that they understand appropriate intercept techniques, details of the project (what to say and what not to say), and so that they are comfortable with the web-based survey instrument.

The sample will include representation of weekday travel during peak and off-peak travel periods. Commercial vehicle participants may be offered an incentive for participation in the survey.

SCREENING

All qualifying truck drivers must have made a recent trip that used one of these corridors in the Atlanta region: I-75 North, I-285, I-20 West, I-75 South, I-675, or I-85 North.

All qualifying fleet managers and dispatchers must have managed drivers making trips that used one of these commercial transport corridors in the Atlanta region: I-75 North, I-285, I-20 West, I-75 South, I-675, or I-85 North.

Respondents will be asked to describe their most recent trip using one of these corridors, including trip purpose, travel time, and origin and destination locations. They will then be asked to evaluate

and choose among potential future travel alternatives, including the proposed new express lanes (which could be Truck Only Toll (TOT) or Express Lanes) in the study corridor.

SURVEY QUESTIONS

Page name	***Question Text***
password	*Internet only*[1]*:* Welcome! Please enter your password: *For information call toll free 1-888--774-5980 or email AtlantaTravelSurvey@surveycafe.com*
passwordm	*Intercept only:* Thank you for agreeing to participate in the Atlanta Travel Survey. Click "Next Question" to begin.
instruction	Welcome. The Georgia Department of Transportation (GDOT) is evaluating plans for increasing highway capacity and reducing congestion in the Atlanta area. The purpose of this survey is to gather input about these plans. Questions are customized based on your responses. Your answers will be kept confidential. Instructions: Answer each question then use the "Next Question" button to continue. If you need to back up and change an answer, please use the back button on your browser. Please click "Next Question" to continue.
company	Which of the following best describes your company? Owner-operated trucking company (you own, lease, or make payments on the vehicle that you drive) Trucking company with more than one vehicle (parcel delivery, logistics, distribution, freight, etc.) Other type of company that operates trucks, please specify:_____

[1] Italic text provides notes for reviewers and programmers. It will not be seen by survey respondents.

role	*If owner-operated, write 1 for role and branch to "driver".* *If not owner-operated:* What is your role at your company? Driver Dispatcher Manager or owner Other, please specify:_____
driver	*If owner-operated, write 2 for driver and branch to "decide".* *If role = 1 (driver):* What type of driver are you? Company driver (the company owns the vehicle that I drive) Fleet driver (I drive for someone else who owns the vehicle and leases it to the company) Casual driver (I only drive when needed)
decide	*If owner-operated, write 1 for decide and branch to "triptype".* *If driver:* Which of the following best describes who makes routing decisions at your company? I make all routing decisions I make some routing decisions A dispatcher makes all routing decisions (*thank and terminate*) A manager/owner makes all routing decisions (*thank and terminate*) Other, please specify: (*thank and terminate*) *If dispatcher or manager:* Which of the following best describes who makes routing decisions at your company? I make all routing decisions I make some routing decisions Drivers make all routing decisions (*thank and terminate*) Other, please specify: (*thank and terminate*)
triptype	Have you <Has a driver in your company> made a weekday trip within the past week that was at least 15 minutes long and that used any part of the highlighted sections of I-85, I-20, I-75, and/or I-285 shown in the map below? *Map highlighting study routes will be inserted.* Yes, <I have or a driver in my company has> made a trip that used I-85, I-20, I-75, and/or I-285in the past week No, <I have or a driver in my company has> not made a trip that used I-85, I-20, or I-75 in the past week

	(*terminate*)
truckintro	You <Your driver> may make many stops during a day. For the purpose of this study, we want you to tell us about a trip from one point to another with no stops in between, or a segment of a multi-stop trip (for example, the segment of a trip between the first stop and the second stop.) For the rest of the survey, please think about your <your driver's> most recent weekday trip (or a segment of a multi-stop trip) where you <your driver> traveled on one of the highlighted sections of I-85, I-20, I-75, or I-285 shown in the map below.
triprte	Which of these roads did you <your driver> use? Please select only the roads that you <your driver> used on your <his/her> most recent weekday trip (or segment of a multi-stop trip). *Map will be inserted highlighting the study routes.* I-85 North of I-285 I-85 South of I-285 I-75 North of I-285 I-75 South of I-285 I-20 East of I-285 I-20 West of I-285 I-285
vehicle	What kind of vehicle were you <was your driver> driving during this trip? Two-axle truck (with 6 tires) Three-axle truck Four-axle truck Five-axle truck Six or more axle truck
vehicleTruck	*If 3 or more axle truck:* What specific type of vehicle did you <your driver> drive on this trip? Bus Straight truck **Or** a TRACTOR TRAILER with the following trailer type: Refrigerated freight container Dry van Container/chassis

	Flatbed Auto carrier Short trailers Hopper bottom Dump truck/trailer Tanker/liquid Household goods Other type of trailer, please specify:_____
truckpurp	What type of trip was this? Single stop in the Atlanta metropolitan area Single stop outside of the Atlanta metropolitan area Multiple stops all inside the Atlanta metropolitan area Multiple stops all outside of the Atlanta metropolitan area Multiple stops both within and outside the Atlanta metropolitan area
dow	What day of the week did you <your driver> make your <this> trip? Remember, we are asking about your <your driver's> MOST RECENT weekday trip that used <study route(s) selected>. Monday Tuesday Wednesday Thursday Friday
begtime	What time did you <your driver> begin your <this> trip? Early morning (midnight – 5:59 AM) 6:00-6:59 AM 7:00-7:59 AM 8:00-8:59 AM 9:00-9:59 AM 10:00-10:59 AM 11:00-11:59 AM 12:00-12:59 PM 1:00-1:59 PM 2:00-2:59 PM 3:00-3:59 PM 4:00-4:59 PM 5:00-5:59 PM 6:00-6:59 PM 7:00-7:59 PM Night (8:00 PM-midnight)

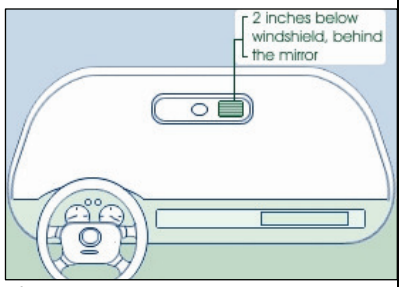
orig	The next few questions will ask for more details of your <your driver's> trip. Your information will be kept confidential. Remember, we are asking about a trip from one point to another with no stops in between, or a segment of a multi-stop trip where you <your driver> traveled on <insert study routes>. Please click on the map below on the general area where your <your driver's> trip (or segment of a multi-stop trip) BEGAN. On the next screen, you will see a more detailed map of the area you clicked on. If your <your driver's> trip began outside of this map, click on the closest border to where you <your driver> entered the region (for example, "West", or "NE"). *A map will be shown of the study area surrounded by a border containing directional markers. Respondents will click on map which will return x,y information that can be converted to a latitude and longitude and assigned to a TAZ. Clicking on the border indicates a trip end outside the map area.*
dest	Now, please click on the map below on the general area where your <your driver's> trip (or segment of a multi-stop trip) ENDED. On the next screen, you will see a more detailed map of the area you clicked on. If your trip ended outside of this map, click on the closest border to where you <your driver> exited the region (for example, "West", or "NE"). *Same map as shown for orig will be displayed. Respondents will click on map which will return x,y information.*
	Note to Reviewers on the use of geocoding information and skim data: Respondent's origin and destination map clicks will be geocoded to a specific latitude and longitude and assigned to a zone within a grid system created by RSG. The RSG zones in the grid system are smaller than the Traffic Analysis Zones (TAZ) in the network model for the area and so they provide more accurate pinpointing of origin and destination locations. Each origin and destination latitude and longitude will also be associated with a TAZ from the network model for the area for later analysis. Skim data will be used to estimate total travel time and distance for the respondent's reported trip. This information will be used to validate the reported total travel time. If the respondent's reported time is beyond an acceptable range of variation from the skim data, the respondent will be shown a warning asking them to verify that the travel time that they entered is correct. In addition, skim data will be used to estimate the proportion of travel time and distance occurring on interstate highways versus time and distance on other roads. The ratio of

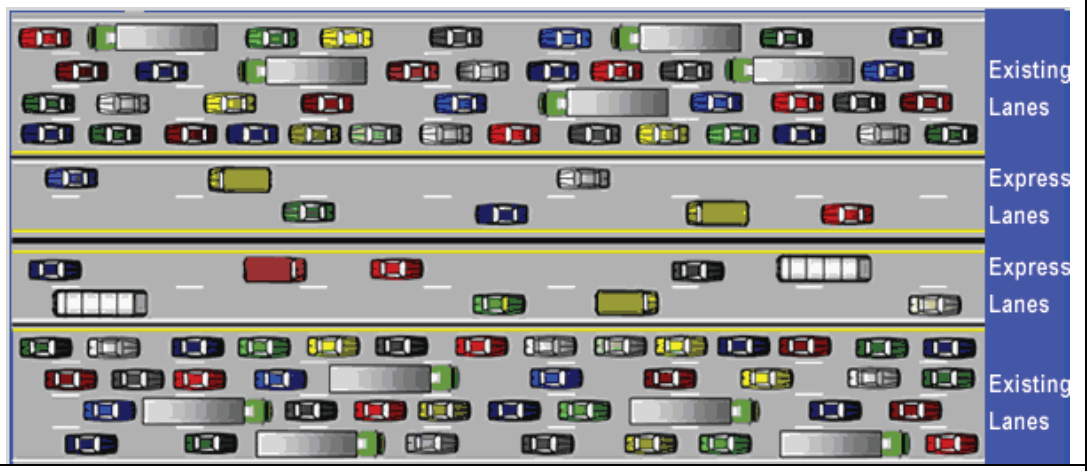
<table>
<tr><td></td><td>highway time to time on other roads obtained from the skim data will be applied to the respondent's total travel time.

For example, if skim data shows a 2:1 ratio for highway time versus time on other roads, and the respondent reports a 60 minute travel time, we would estimate that 40 minutes of the reported travel time was spent on highways. This information is used in constructing the stated preference experiments (see formulas below). In this example, the respondent's "time to/from the study highway" would be 20 minutes, and the highway distance is that calculated using the skim data.

The respondent's geocoded origin and destination information will also be used to estimate likely on and off ramps for the study routes, which are used in the "onroad" and "offroad" questions below. Since there are many highway interchanges within the study area, the origin and destination information will be used to identify a "short list" of interchanges that are close to the origin and destination.</td></tr>
<tr><td>Travtime</td><td>How much time did your <your driver's> trip (or segment of a trip) take?
<table><tr><th>Hours</th><th>Minutes</th></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>5</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>15</td></tr><tr><td>4</td><td>20</td></tr><tr><td>5</td><td>25</td></tr><tr><td></td><td>30</td></tr><tr><td></td><td>35</td></tr><tr><td></td><td>40</td></tr><tr><td></td><td>45</td></tr><tr><td></td><td>50</td></tr><tr><td></td><td>55</td></tr></table></td></tr>
<tr><td>delay</td><td>When you <your driver> made this trip, did the trip take longer than it normally does due to heavy traffic?

No, the trip did not take longer than usual
Yes, the trip took about 10 minutes longer than usual
Yes, the trip took 10--20 minutes longer than usual
Yes, the trip took 20--30 minutes longer than usual
Don't know (only shown if manager or fleet operator)</td></tr>
<tr><td>Freq</td><td>How often do you <does your driver> make this same trip between these places in this direction?</td></tr>
</table>

	6 or more times per week 4-5 times per week 2-3 times per week Once per week 2-3 times per month Once per month Less than once per month. How many times per year? _____
toll	Did you <your driver> pay any tolls in Georgia during this trip? No, I <my driver>did not pay any tolls Yes, I <my driver> paid cash on the Georgia 400 Yes, I <my driver> paid with a Georgia cruise card on the Georgia 400
whopay	*If not owner-operated*: Who is responsible for paying any tolls incurred? Driver pays tolls Driver pays tolls but is reimbursed by company Company pays tolls directly (e.g. Using an EZ Tag or Georgia cruise card)
whopayc	*If company reimburses or company pays directly:* How does your company <do you> charge customers for tolls? Tolls are just part of the total shipment cost Tolls are charged as a separate line item Don't know
etc	Do you <Does your driver> currently have a Georgia Cruise Card transponder in the vehicle for electronic toll collection (ETC)?  Yes, I have <my driver has> a Georgia cruise card No, but I <my drivers> have another type of etc transponder, please specify: _____ No, I do <my driver does> not have a Georgia cruise card or other etc transponder *A transponder is a credit card sized electronic device that is mounted inside the windshield of your vehicle. When your vehicle passes through a toll plaza, an antenna at the toll plaza reads the account information contained in the transponder. The appropriate toll is then deducted from your prepaid account.
slide1	Please read and click "Next Question" to continue. The Georgia Department of Transportation (GDOT) is evaluating a plan for increasing

	highway capacity and reducing congestion in the Atlanta area. The proposed plan is to add 2 managed lanes (Truck Only Lanes) in each direction on the highlighted portions of the roads shown below. *Insert graphic highlighting study routes.*
slide2	Information - Please read and click "Next Question" to continue. The new lanes would be built as "Truck Only Lanes". These lanes will be open to heavy trucks. Tolls would vary by time of day or level of congestion. Tolls might be higher during rush hour and other busy periods to maintain free-flow conditions on the truck only lanes. The existing lanes would still be available for all trucks and would remain toll-free. 
cbcint	**STATED PREFERENCE SECTION** In the next several questions, you will compare your <driver's> current trip with an alternative way of making the same trip in the future along an improved <study routes used>. You will choose between: 1. Using the existing lanes with no toll 2. Using the new Truck Only Lanes with a toll Assume that both options would be available to you and choose the one you prefer. *Click "Next Question" to continue.*
SP_1	If these options were available to you for making your <this> trip in the future, which would

you choose?

Pay close attention to travel times and tolls because they will be changing over the next few screens.

[1] Existing Lanes	[2] New Express Lanes
Travel time: <xx min>	Travel time: <xx min>
Toll free or current toll	Toll: <$x>

**If respondent currently pays a toll, that will be added to the toll for current route or both alternatives if applicable*

Note to reviewers: A set of eight scenarios will be presented to each respondent using the variables in an experimental design (travel time and toll). Each variable has 2, 4, or 8 levels and the combinations of levels for each scenario were derived from an orthogonal design. An orthogonal design is a commonly used technique for constructing experimental plans in a manner that allows for later estimation of the respondents' relative preferences for each of the tested variables (time, cost, occupancy). The table on the next page describes the calculations used for setting each of the variables' levels.

DESCRIPTION OF VARIABLES TO BE TESTED

Note: The speeds and toll costs listed below are placeholders in this draft questionnaire. After analysis of speed and delay data and the network models, new values will be inserted. The current toll values are the same used in the auto questionnaire, but they will be multiplied by the number of axles divide by two to simulate the higher toll amounts for truck drivers.

Peak Definition: Peak is defined as peak time periods.

Description of variables used in formulas below:
Time to/from Study Hwy is calculated by applying the ratio of highway time to arterial time from the skim data to the respondent's reported travel time.

Base speed is calculated by dividing the study highway distance from the skim data by the study highway time, which is the respondent's reported travel time minus the time to/from the study highway. Base speed variation is 0.293 + speed * -0.002857; this provides a variation of 3.75 mph at 15 mph and 7.5 mph at 50 mph.

	Peak	Off Peak	
Minimum Distance	1; use 3 for 1–2 miles	1; use 4 for 1–3 miles	
Maximum Distance	50	50	

Minimum Base Speed	15	35	
Maximum Base Speed	50	65	

[1] Existing Lanes

Travel Time

Peak and Off-Peak Travelers:

Time to/from Study Hwy + Study Hwy distance / basespeed + (-2*speedvariation)
Time to/from Study Hwy + Study Hwy distance / basespeed + (-speedvariation)
Time to/from Study Hwy + Study Hwy distance / basespeed + (speedvariation)
Time to/from Study Hwy + Study Hwy distance / basespeed + (2*speedvariation)

Toll

Current toll as reported on toll question, if applicable

[2] New Express Lanes

Travel Time

Peak Travelers:

Time to/from Study Hwy + Study Hwy distance / (base speed + 25 mph)
Time to/from Study Hwy + Study Hwy distance / (base speed + 30 mph)
Time to/from Study Hwy + Study Hwy distance / (base speed + 35 mph)
Time to/from Study Hwy + Study Hwy distance / (base speed + 40 mph)

**Note: base speed outliers (extremely high or low) will be adjusted to produce a reasonable range of speeds*

Off-Peak Travelers:

Time to/from Study Hwy + Study Hwy distance / (base speed + 15 mph)
Time to/from Study Hwy + Study Hwy distance / (base speed + 20 mph)
Time to/from Study Hwy + Study Hwy distance / (base speed + 25 mph)
Time to/from Study Hwy + Study Hwy distance / (base speed + 30 mph)

Toll

**If respondent currently pays a toll, that will be added to the toll for current route or both alternatives if applicable*

Peak Travelers:

Study Hwy distance * 0.05/mile * (# axles/2)
Study Hwy distance * 0.10/mile * (# axles/2)
Study Hwy distance * 0.15/mile * (# axles/2)
Study Hwy distance * 0.20/mile * (# axles/2)
Study Hwy distance * 0.25/mile * (# axles/2)
Study Hwy distance * 0.30/mile * (# axles/2)
Study Hwy distance * 0.35/mile* (# axles/2)
Study Hwy distance * 0.40/mile * (# axles/2)

Off-Peak Travelers:

Study Hwy distance * 0.02/mile * (# axles/2)
Study Hwy distance * 0.05/mile * (# axles/2)
Study Hwy distance * 0.08/mile * (# axles/2)
Study Hwy distance * 0.11/mile * (# axles/2)

<table>
<tr><td></td><td>Study Hwy distance * 0.14/mile * (# axles/2)
Study Hwy distance * 0.17/mile * (# axles/2)
Study Hwy distance * 0.20/mile * (# axles/2)
Study Hwy distance * 0.23/mile * (# axles/2)</td></tr>
<tr><td>SP_9</td><td>If respondent always selects the same alternative for the previous 8 scenarios:
Please compare one final trip using the new express lanes with your <your driver's> current trip.
If these options were available to you <your driver> for making this trip in the future, which would you choose?

<table><tr><th>[1] Existing Lanes</th><th>[2] New Express Lanes</th></tr><tr><td>Travel time:
<xx min></td><td>Travel time:
<xx min></td></tr><tr><td>Toll free or current toll</td><td>Toll: <$x></td></tr></table>
If respondent never chose toll: travel times are repeated from the scenario with the lowest value cost/time trade off and the toll is halved
If respondent always chose toll: travel times are repeated from the scenario with the highest value cost/time trade off and the toll is increased by 50%</td></tr>
<tr><td>ynoml</td><td>If respondent never chooses an express lane option: Which of the following best describes the reason you did not choose any of the "Truck Only Toll Lanes" options in the previous section?
Please select all that apply.

• Toll is too high
• Do not want to set up a transponder account
• Do not want a transponder in my car
• Do not want to pay a toll
• Other, please specify: _____
Answer choices shown in random order</td></tr>
<tr><td>getetc</td><td>If etc = 3 (Don't have and don't plan to get etc) AND selected at least 1 "Express Lanes" option in cbc:
On the new Express Lanes, tolls will be paid electronically using either of the following methods:

• By electronic toll collection (ETC), such as a Georgia Cruise Card, which requires you to have a transponder mounted inside your truck's windshield. Toll costs would be deducted from a prepaid account each time you use the toll lanes.</td></tr>
</table>

	• By video toll collection, where your truck's license plate is read by a camera and toll bills are sent monthly to the truck's registered owner. No transponder or prepaid account is required. In the previous section, you said you would use the truck only toll lanes if your trip would take <minutes> for a cost of <dollars>. If the toll for that trip using ETC was <dollars/ (1+surcharge)>, but still <dollars> if you paid using video tolling, how would you pay the toll? • Very likely to pay toll with etc • Somewhat likely to pay toll with etc • Not sure • Somewhat likely to pay by video tolling • Very likely to pay by video tolling *The surcharge amount will be randomly varied between 30%, 45% and 60%*
yyesml	*If selected an express lane option: Please indicate the reasons you selected an option that included tolls in the previous section.* *Please select all that apply.* • Lower travel times • Less congestion • More reliable travel time • Other, please specify: _____ *Answer choices shown in random order*
nocars	*If respondent chooses an express lane option:* If the Express Lanes were for trucks only and cars were not permitted, would you be more likely to use the Express Lanes and pay a toll? I would be much more likely to use the truck only toll lanes. I would be somewhat more likely to use the truck only toll lanes. I would be neither more likely nor less likely to use the truck only toll lanes. I would be somewhat less likely to use the truck only toll lanes. I would be much less likely to use the truck only toll lanes.
opinion	From everything you have learned about this project, which of the following best describes how you feel about adding Truck Only Toll Lanes on I-85, I-75, I-20, and I-285? Strongly favor it Somewhat favor it Neutral

	Somewhat opposed to it Strongly opposed to it
yfavor	*If strongly or somewhat favor:* Please indicate the main reason you are in favor of the new Express Lanes. Shorter travel time More reliable travel time Less congestion Improved access in/out of Atlanta Other, please specify:_____ *Answer choices shown in random order*
yoppose	*If strongly or somewhat oppose:* *Please indicate the main reason you are opposed to the new Express Lanes.* Opposed to paying tolls Tolls are too high Adverse environmental impact It will bring too much traffic/development Opposed to new roads in general Other, please specify: _____ *Answer choices shown in random order*
Company Information	
headqtrs	For the final section of the survey, you will be asked questions about your company. All of your answers will be kept strictly confidential. Where is your company headquartered <are you>? Atlanta area Other part of Georgia Outside of Georgia in U.S.A. Mexico Canada
numtruck	*If company<>1 (not owner-operated):* Approximately how many trucks does your company operate? 1-19 vehicles 20-99 vehicles 100-499 vehicles 500 or more vehicles

rtetruck	*If role=2 or 3 (dispatcher or manager):* Approximately how many trucks does your company operate on routes that use the highlighted sections of I-85, I-20, or I-75, shown in the map below? *Map will be inserted highlighting the study routes.* 1-19 vehicles 20-99 vehicles 100-499 vehicles 500 or more vehicles
rtetrips	*If role=2 or 3 (dispatcher or manager):* Approximately how many one-way daily trips do these trucks make on routes that use the highlighted portions of I-85, I-20, I-75, or I-285 shown in the map below? *Map will be inserted highlighting the study routes.* Number of trips:_____
Trucksize	*If role=2 or 3 (dispatcher or manager):* What proportion of your fleet's trips that use I-85, I-20, I-75, or I-285 are made using the following types of vehicles? Two-axle truck (with 6 tires)____% Three-axle truck____% Four-axle truck____% Five-axle truck____% Six or more axle truck____%
triplength	What best describes the average length of your <your company's> trips? Local (less than 50 miles) Short haul (51-200 miles) Medium haul (201-500 miles) Long haul (more than 500 miles) Don't know
goods	What type of goods do you <does your company> typically carry? Please select all that apply. High value Bulk Perishable Just-in-time

	Passengers Low value Heavy Time-sensitive Hazardous materials Emergency shipments Other, please specify: _____
Flex	Would you say you <your company> typically has a flexible or fixed delivery schedule? Flexible Fixed
Howflex	*If flexible:* How much flexibility do you have in your shipment delivery schedule? 0-14 minutes 15-29 minutes 30-59 minutes 1-2 hours More than 2 hours
Penalty	Do you have a penalty or incentive timeframe structure for deliveries? Penalty Incentive Neither
shipments	Which category best describes the shipments handled by you or your company? Truckload (shipments of 10,100 lbs. or more that don't require a terminal or break-bulk operation) Less than truckload (terminal or break-bulk operation required, small shipments) Package (shipments under 100 lbs. that require a terminal or break-bulk operation) Bus/passengers Primarily hazardous material cargo Bulk carrier (building materials, sand, gravel, etc.)
comments	Thank you for completing this survey. All of your responses have now been saved. If you would like to provide additional input on the survey or your experiences traveling in the Atlanta region, please type your comments in the box below and click "Next Question". Or, simply click on the "Next Question" button to exit the survey.
end	Thank you for your participation! This survey is conducted by: Resource Systems Group, Inc. (RSG)

	 With: HNTB  For: Georgia Department of Transportation (GDOT)