

**BOSTON GLOBE POLL
JULY 2006
BIG DIG SURVEY**

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The Survey Center
University of New Hampshire

July, 2006

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**The Boston Globe Poll #8
Big Dig Survey**

**Conducted by the UNH Survey Center
July 2006**

Technical Report

Field Period: July 14 – July 19, 2006

Hours: 10 a.m. to 9 p.m.

Median Completion Time: 7 minutes

Sample Size: 544 randomly selected Massachusetts adults (RDD).

Sampling Error: +/- 4.2%

Response Rate (AAPOR #4): 27.0%

The Boston Globe Poll #8

Big Dig Survey

**Conducted by the UNH Survey Center
July 2006**

INTRO:

“This is the University of New Hampshire. My name is _____ and I’m from the University of New Hampshire Survey Center. We are conducting a very short, confidential study of public opinion in Massachusetts about the Big Dig construction project in Boston, and we'd really appreciate your help and cooperation. The survey will take less than 5 minutes”

1 CONTINUE

99 REFUSED

BIR1

“In order to determine who to interview, could you tell me, of the adults aged 18 or older who currently live in your household -- including yourself -- who had the most recent birthday? I don’t mean who is the youngest, but rather, who had the most recent birthday?”

1 INFORMANT ~~↗~~ SKIP TO SEX

2 SOMEONE ELSE (SPECIFY): _____ ~~↗~~ SKIP TO INT2

3 DON'T KNOW ALL BIRTHDAYS, ONLY SOME ~~↗~~ CONTINUE WITH BIR2 BELOW

4 DON'T KNOW ANY BIRTHDAYS OTHER THAN OWN ~~↗~~ SKIP TO SEX

99 REFUSED -- ENTER NON-RESPONSE INFORMATION

BIR2

“Of the ones that you do know, who had the most recent birthday?”

1 INFORMANT _____ ~~↗~~ SKIP TO SEX

2 SOMEONE ELSE (SPECIFY): _____ ~~↗~~ SKIP TO INT2

3 PERSON NOT AVAILABLE

99 REFUSED

INT2

ASK TO SPEAK TO THAT PERSON

“Hello, this is _____ calling from the University of New Hampshire. This month, we are conducting a very short confidential study of public opinion in Massachusetts about the Big Dig construction project in Boston, and we'd really appreciate your help and cooperation. You have been identified as the adult in your household who had the most recent birthday. Is this correct?”

1 YES ~~↗~~ SKIP TO SEX

2 APPOINTMENT

99 REFUSAL ~~↗~~ TERMINATE

SEX

“Thank you very much for helping us with this important study. We really appreciate your help. Before we begin I want to assure you that all of your answers are strictly confidential. They will be combined with answers from other people from across the state. Your telephone number was randomly selected from all families in Massachusetts.”

“Participation is voluntary. If you decide to participate, you may decline to answer any question or end the interview at any time. This call may be monitored for quality assurance.”

IF ASKED: “This survey will take less than 5 minutes to complete.”

RECORD SEX OF RESPONDENT

- 1 MALE
- 2 FEMALE

* 99 NA

Q1

‘How many times did you drive through any of the Big Dig tunnels in the past month, including the Ted Williams Tunnel, the I-93 tunnel, or any of the connector tunnels into these two ... almost every day ... once or twice a week ... only once or twice in the past month ... or not at all?’

- 1 ALMOST EVERY DAY
- 2 ONCE OR TWICE A WEEK
- 3 ONCE OR TWICE IN THE LAST MONTH
- 4 NOT AT ALL

98 DK / NOT SURE

* 99 NA / REFUSED

Q2

“As I mentioned earlier, this survey concerns the recent tunnel ceiling collapse in one of the Big Dig tunnels that seriously hurt the driver of a car and killed a passenger. How familiar would you say you are with the tunnel accident ... very familiar ... somewhat familiar ... not very familiar ... or not familiar at all?”

- 1 VERY FAMILIAR
- 2 SOMEWHAT FAMILIAR
- 3 NOT VERY FAMILIAR
- 4 NOT FAMILIAR AT ALL

98 DK / NOT SURE

* 99 NA / REFUSED

Q3

“How safe would you feel driving through one of the Big Dig tunnels ... very safe ... somewhat safe ... not very safe ... or not safe at all?”

- 1 VERY SAFE
- 2 SOMEWHAT SAFE
- 3 NOT VERY SAFE
- 4 NOT SAFE AT ALL

- 98 DK / NOT SURE
- * 99 NA / REFUSED

Q4

“How likely are you to change your driving patterns to avoid driving in one of the Big Dig tunnels ... will you definitely avoid driving in one of the Big Dig tunnels ... try to avoid driving in one of the tunnels, but not go too far out of your way ... or will you not change your driving patterns?”

- 1 DEFINITELY AVOID BIG DIG TUNNELS
- 2 TRY TO AVOID TUNNELS
- 3 NO CHANGE IN DRIVING PATTERN

- 98 DK / NOT SURE
- * 99 NA / REFUSED

Q5

“Do you think that inspectors will find more problems with ceiling panels in the Big Dig tunnels?”

- 1 YES
- 2 NO

- 98 DK / NOT SURE
- * 99 NA / REFUSED

Q6

“Overall, do you think the Big Dig was worth building or not?”

- 1 YES – WORTH BUILDING
- 2 NO, NOT WORTH BUILDING

- 98 DK / NOT SURE
- * 99 NA / REFUSED

Q7

“I’m going to read you the names of several current political leaders who have been involved with the Big Dig project or the recent accident. For each one, please tell me if you approve or disapprove of how they have handled things with the Big Dig.”

ROTATE Q7A TO Q7C

Q7A

“Governor Mitt Romney?”

“Do you approve or disapprove of the way he has handled things with the Big Dig?”

- 1 APPROVE
- 2 NEUTRAL / DON’T KNOW
- 3 DISAPPROVE

* 99 NA / REFUSE

Q7B

“Mass Turnpike Chairman Matt Amorello?”

“Do you approve or disapprove of the way he has handled things with the Big Dig?”

Q7C

“Attorney General Tom Reilly?”

“Do you approve or disapprove of the way he has handled things with the Big Dig?”

Q8

“Who do you think is MOST responsible for the recent death from the tunnel collapse at the Big Dig?” “Who is next most responsible?”

DO NOT READ RESPONSES. CHECK TOP TWO RESPONSES IN ORDER

- 1 MATT AMORELLO
- 2 MITT ROMNEY
- 3 MASS LEGISLATURE
- 4 CONTRACTORS – BECHTEL/PARSON BRINKERHOFF,
- 5 WORKERS / UNIONS
- 6 NO ONE RESPONSIBLE – JUST AN ACCIDENT
- 7 ALL EQUAL – PROBE: “Is anyone MOST responsible?”
- 8 OTHER – SPECIFY

98 DON’T KNOW / NOT SURE

* 99 NA / REFUSED

Q9

“Attorney General Tom Reilly has said he will bring criminal charges against whomever is responsible for the death in the recent tunnel accident. How confident are you that the responsible persons will actually face criminal charges ... very confident ... somewhat confident ... not very confident ... or not confident at all?”

- 1 VERY CONFIDENT
- 2 SOMEWHAT CONFIDENT
- 3 NOT VERY CONFIDENT
- 4 NOT CONFIDENT AT ALL

98 DON'T KNOW / NOT SURE

* 99 NA / REFUSED

TOWN

“Now, a few final questions . . .”

“What town do you live?” ENTER NUMBER OF TOWN FROM SHEET.

997 OTHER SPECIFY _____

998 DK - DO NOT PROBE

* 999 NA / REFUSED

D1

“What is the highest grade in school, or level of education that you've completed and got credit for ...”
[READ RESPONSES]

- 1 “Eighth grade or less,
- 2 Some high school,
- 3 High school graduate, (INCLUDES G.E.D.)
- 4 Technical school,
- 5 Some college,
- 6 College graduate,
- 7 Or postgraduate work?”

98 DK (DO NOT PROBE)

* 99 NA / REFUSED

D2

“GENERALLY SPEAKING, do you usually think of yourself as a Republican, a Democrat, an Independent or what?”

(IF REPUBLICAN): “Would you call yourself a STRONG Republican or a NOT VERY STRONG Republican?”

(IF DEMOCRAT): “Would you call yourself a STRONG Democrat or a NOT VERY STRONG Democrat?”

(IF INDEPENDENT, NO PREFERENCE, OR OTHER): “Do you think of yourself as closer to the Republican or to the Democratic party?”

- 1 STRONG DEMOCRAT
- 2 NOT VERY STRONG DEMOCRAT
- 3 INDEPENDENT, BUT CLOSER TO DEMOCRATS
- 4 INDEPENDENT--CLOSER TO NEITHER
- 5 INDEPENDENT, BUT CLOSER TO REPUBLICANS
- 6 NOT VERY STRONG REPUBLICAN
- 7 STRONG REPUBLICAN

- 98 OTHER PARTY
- * 99 DK / NA / REFUSED

D3

“What is your current age?”

____ : ____ : (RECORD EXACT NUMBER OF YEARS OLD -- E.G., 45)
: ____ : ____ :

- 96 NINETY-SIX YEARS OF AGE OR OLDER
- 97 REFUSED
- 98 DK
- * 99 NA

D4

“Which of the following best describes your race? Is it ...White ... African-American ... Hispanic ... Asian ... Native-American ... or some other race?”

- 1 WHITE (CAUCASIAN)
- 2 BLACK (AFRICAN-AMERICAN)
- 3 HISPANIC
- 4 ASIAN
- 5 NATIVE AMERICAN
- 6 OTHER – SPECIFY: _____

- 98 DON’T KNOW
- * 99 NO ANSWER/REFUSED

D5

“Including yourself, how many adults CURRENTLY live in your household?”

- 1 ONE – JUST RESPONDENT
- 2 TWO
- 3 THREE
- 4 FOUR
- 5 FIVE
- 6 SIX
- 7 SEVEN OR MORE

- 98 DK
- * 99 NA / REFUSED

D6

“How much TOTAL income did you and your family receive in 2005, not just from wages or salaries but from ALL sources -- that is, before taxes and other deductions were made? Was it” (READ CATEGORIES)

	<u>ANNUAL</u>	<u>MONTHLY EQUIVALENT</u>
1	Less than \$15,000,	LESS THAN \$1,250
2	\$15,000 - \$29,999,	\$1,250 - \$2,499
3	\$30,000 - \$44,999,	\$2,500 - \$3,749
4	\$45,000 - \$59,999,	\$3,750 - \$4,999
5	\$60,000 - \$74,999,	\$5,000 - \$6,249
6	\$75,000 - \$99,999, or	\$6,250 - \$8,333
7	\$100,000 and over?”	\$8,334 AND OVER
* 97	REFUSED	
* 98	DK	
* 99	NA	

D7

“Not counting business lines, extension phones, or cellular phones -- on how many different telephone NUMBERS can your household be reached?”

- 1 ONE
- 2 TWO
- 3 THREE
- 4 FOUR
- 5 FIVE
- 6 SIX
- 7 SEVEN OR MORE

- 98 DK
- * 99 NA / REFUSED

D8

“Finally, would you be willing to be interviewed by a reporter to discuss your reactions to some of the topics we’ve been talking about?”

- 1 YES “Could I have just your first name in case a reporter wants to call you?”
- 2 NO / DK (DO NOT PROBE)

99 NA / REFUSED

“Thank you for your time and participation. Your input has been very valuable. Goodbye.”

Tabular Results

‘How many times did you drive through any of the Big Dig tunnels in the past month, including the Ted Williams Tunnel, the I-93 tunnel, or any of the connector tunnels into these two ... almost every day ... once or twice a week ... only once or twice in the past month ... or not at all?’

	<u>Almost Every Day</u> 6%	<u>Once/Twice A Week</u> 14%	<u>Once/Twice A Month</u> 28%	<u>Not At All</u> 52%	<u>DK</u> 0%	<u>(N=)</u> 542
STATEWIDE						
Male	6%	16%	33%	45%	0%	260
Female	5%	12%	24%	58%	1%	282
18 to 34	13%	16%	37%	35%	0%	98
35 to 49	7%	16%	30%	46%	0%	144
50 to 64	4%	12%	25%	59%	0%	157
65 and over	0%	11%	22%	67%	0%	115
White	5%	14%	29%	53%	0%	470
African American	13%	23%	15%	50%	0%	28
Hispanic	17%	13%	31%	39%	0%	16
Other	21%	0%	38%	41%	0%	10
High school or less	5%	10%	20%	65%	0%	125
Some college	9%	11%	31%	49%	0%	128
College graduate	6%	18%	27%	48%	0%	149
Post-graduate	3%	15%	34%	48%	0%	131
Less than \$30K	3%	13%	21%	64%	0%	32
\$30K to \$60K	1%	13%	23%	64%	0%	93
\$60K to \$75K	15%	12%	26%	47%	0%	44
\$75K to \$100K	9%	16%	35%	40%	0%	55
More than \$100K	4%	20%	35%	42%	0%	110
Democrat	7%	13%	31%	49%	0%	265
Independent	4%	16%	25%	55%	0%	115
Republican	4%	14%	27%	56%	0%	131
Inside 128	13%	28%	28%	30%	0%	135
128 to 495	5%	10%	37%	48%	1%	176
Central MA	3%	9%	22%	66%	0%	94
Western MA	1%	4%	6%	90%	0%	67
Southern MA/Cape/Islands	3%	9%	37%	50%	0%	70
Very familiar with collapse	7%	14%	32%	47%	0%	334
Somewhat familiar	3%	13%	23%	60%	0%	168
Not very/not at all familiar	4%	10%	24%	59%	3%	40
Feel very safe in tunnels	2%	22%	43%	33%	0%	23
Somewhat safe	10%	21%	41%	28%	0%	141
Not very safe	6%	11%	30%	52%	0%	179
Not safe at all	3%	10%	16%	71%	1%	188

“As I mentioned earlier, this survey concerns the recent tunnel ceiling collapse in one of the Big Dig tunnels that seriously hurt the driver of a car and killed a passenger. How familiar would you say you are with the tunnel accident ... very familiar ... somewhat familiar ... not very familiar ... or not familiar at all?”

	<u>Very Familiar</u> 62%	<u>Somewhat Familiar</u> 31%	<u>Not Very Familiar</u> 4%	<u>Not At All Familiar</u> 3%	<u>(N=)</u> 543
STATEWIDE					
Male	63%	29%	5%	3%	261
Female	60%	33%	3%	3%	282
18 to 34	49%	37%	11%	3%	98
35 to 49	70%	28%	1%	1%	144
50 to 64	70%	27%	2%	1%	157
65 and over	53%	32%	7%	8%	115
White	62%	31%	4%	3%	472
African American	59%	35%	6%	0%	28
Hispanic	67%	24%	9%	0%	16
Other	54%	46%	0%	0%	10
High school or less	50%	36%	10%	5%	125
Some college	61%	33%	4%	2%	128
College graduate	68%	27%	2%	2%	149
Post-graduate	69%	27%	2%	2%	131
Less than \$30K	43%	28%	20%	8%	32
\$30K to \$60K	63%	29%	4%	5%	93
\$60K to \$75K	60%	38%	0%	3%	44
\$75K to \$100K	62%	37%	1%	0%	55
More than \$100K	66%	34%	0%	0%	110
Democrat	64%	29%	5%	2%	265
Independent	62%	28%	5%	4%	115
Republican	63%	32%	2%	2%	131
Inside 128	71%	20%	5%	4%	135
128 to 495	65%	28%	6%	1%	176
Central MA	58%	37%	0%	6%	94
Western MA	45%	45%	5%	4%	68
Southern MA/Cape/Islands	55%	40%	4%	2%	70
Drive tunnel daily	77%	18%	5%	0%	31
Once or twice a week	64%	30%	3%	3%	74
Once or twice a month	69%	25%	6%	0%	154
Never	56%	36%	4%	5%	282
Feel very safe in tunnels	67%	19%	15%	0%	23
Somewhat safe	57%	35%	7%	1%	141
Not very safe	65%	30%	3%	3%	179
Not safe at all	63%	31%	3%	4%	189

“How safe would you feel driving through one of the Big Dig tunnels ... very safe ... somewhat safe ... not very safe ... or not safe at all?”

	Very Safe 4%	Somewhat Safe 26%	Not Very Safe 33%	Not Safe At All 35%	Don't Know 1%	(N=) 539
STATEWIDE						
Male	7%	37%	33%	21%	2%	260
Female	2%	16%	33%	48%	0%	279
18 to 34	1%	40%	29%	29%	1%	98
35 to 49	5%	28%	39%	28%	0%	144
50 to 64	5%	20%	37%	37%	1%	157
65 and over	5%	21%	23%	48%	3%	111
White	4%	28%	33%	35%	1%	470
African American	3%	15%	30%	52%	0%	27
Hispanic	0%	0%	66%	34%	0%	16
Other	2%	39%	21%	31%	7%	10
High school or less	5%	22%	26%	47%	1%	124
Some college	2%	19%	36%	42%	2%	128
College graduate	6%	32%	31%	30%	1%	145
Post-graduate	4%	32%	39%	24%	1%	131
Less than \$30K	0%	22%	28%	47%	4%	32
\$30K to \$60K	5%	22%	24%	48%	1%	93
\$60K to \$75K	1%	22%	43%	28%	5%	44
\$75K to \$100K	2%	27%	46%	23%	2%	55
More than \$100K	4%	31%	39%	26%	0%	110
Democrat	3%	25%	34%	37%	1%	262
Independent	8%	30%	31%	32%	0%	113
Republican	4%	27%	35%	33%	3%	131
Inside 128	5%	34%	28%	33%	1%	131
128 to 495	5%	28%	35%	32%	0%	176
Central MA	4%	20%	33%	43%	1%	94
Western MA	2%	21%	32%	43%	2%	69
Southern MA/Cape/Islands	4%	21%	41%	31%	2%	69
Drive tunnel daily	1%	45%	36%	17%	0%	31
Once or twice a week	7%	41%	27%	25%	0%	73
Once or twice a month	6%	37%	35%	19%	1%	154
Never	3%	14%	34%	48%	1%	278
Very familiar with collapse	5%	24%	35%	36%	1%	333
Somewhat familiar	3%	29%	32%	35%	1%	167
Not very/not at all familiar	9%	33%	24%	31%	3%	38

“How likely are you to change your driving patterns to avoid driving in one of the Big Dig tunnels ... will you definitely avoid driving in one of the Big Dig tunnels ... try to avoid driving in one of the tunnels, but not go too far out of your way ... or will you not change your driving patterns?”

	<u>Definitely Change</u> 35%	<u>Try To Change</u> 34%	<u>No Change in Driving</u> 28%	<u>Don't Know</u> 2%	<u>(N=)</u> 527
STATEWIDE					
Male	23%	33%	42%	1%	253
Female	46%	36%	15%	3%	274
18 to 34	26%	45%	26%	3%	97
35 to 49	30%	36%	32%	2%	142
50 to 64	39%	33%	26%	2%	153
65 and over	44%	26%	27%	3%	106
White	35%	34%	28%	2%	460
African American	45%	36%	19%	0%	27
Hispanic	24%	61%	14%	0%	16
Other	24%	17%	39%	20%	10
High school or less	41%	33%	23%	3%	120
Some college	43%	32%	24%	2%	126
College graduate	32%	37%	28%	3%	142
Post-graduate	26%	37%	35%	2%	128
Less than \$30K	37%	36%	24%	2%	30
\$30K to \$60K	47%	25%	27%	1%	92
\$60K to \$75K	35%	42%	23%	0%	44
\$75K to \$100K	20%	56%	21%	2%	54
More than \$100K	24%	35%	36%	4%	107
Democrat	37%	35%	26%	2%	257
Independent	37%	28%	31%	4%	112
Republican	30%	40%	29%	0%	128
Inside 128	29%	32%	36%	3%	127
128 to 495	34%	29%	34%	3%	173
Central MA	44%	33%	20%	2%	92
Western MA	38%	43%	17%	2%	65
Southern MA/Cape/Islands	33%	45%	21%	1%	70
Drive tunnel daily	12%	28%	57%	2%	31
Once or twice a week	28%	33%	37%	2%	73
Once or twice a month	24%	38%	38%	0%	152
Never	46%	34%	17%	3%	267
Very familiar with collapse	37%	33%	28%	2%	330
Somewhat familiar	35%	37%	25%	3%	162
Not very/not at all familiar	15%	38%	43%	4%	34
Feel very safe in tunnels	0%	12%	88%	0%	22
Somewhat safe	7%	29%	62%	2%	140
Not very safe	25%	54%	17%	4%	171
Not safe at all	69%	24%	6%	1%	188

“Do you think that inspectors will find more problems with ceiling panels in the Big Dig tunnels?”

STATEWIDE	<u>Yes</u> 91%	<u>No</u> 3%	<u>Don't Know</u> 6%	<u>(N=)</u> 542
Male	90%	4%	7%	260
Female	92%	3%	5%	282
18 to 34	90%	3%	7%	98
35 to 49	93%	2%	4%	143
50 to 64	92%	4%	4%	157
65 and over	90%	3%	7%	114
White	91%	3%	6%	471
African American	91%	3%	6%	28
Hispanic	100%	0%	0%	16
Other	86%	7%	7%	10
High school or less	92%	2%	6%	123
Some college	94%	4%	1%	128
College graduate	89%	3%	8%	149
Post-graduate	91%	3%	6%	131
Less than \$30K	91%	2%	7%	32
\$30K to \$60K	95%	1%	4%	93
\$60K to \$75K	95%	1%	4%	44
\$75K to \$100K	86%	5%	9%	55
More than \$100K	92%	4%	4%	110
Democrat	92%	2%	5%	264
Independent	91%	3%	6%	114
Republican	91%	5%	5%	131
Inside 128	96%	2%	1%	134
128 to 495	86%	3%	11%	176
Central MA	94%	1%	5%	94
Western MA	94%	4%	2%	68
Southern MA/Cape/Islands	85%	9%	7%	70
Drive tunnel daily	85%	4%	11%	31
Once or twice a week	93%	1%	5%	73
Once or twice a month	88%	6%	6%	154
Never	93%	2%	5%	281
Very familiar with collapse	92%	3%	5%	334
Somewhat familiar	91%	3%	6%	168
Not very/not at all familiar	84%	2%	14%	39
Feel very safe in tunnels	71%	4%	25%	23
Somewhat safe	85%	6%	10%	141
Not very safe	93%	3%	4%	179
Not safe at all	96%	1%	2%	189

“Overall, do you think the Big Dig was worth building or not?”

STATEWIDE	Worth Building 46%	Not Worth Building 44%	Don't Know 11%	(N=) 541
Male	53%	42%	5%	260
Female	39%	45%	16%	281
18 to 34	41%	47%	13%	98
35 to 49	49%	40%	11%	143
50 to 64	48%	44%	8%	157
65 and over	42%	47%	11%	115
White	48%	43%	9%	470
African American	36%	55%	9%	28
Hispanic	24%	47%	29%	16
Other	31%	56%	13%	10
High school or less	38%	51%	11%	124
Some college	37%	48%	15%	127
College graduate	52%	40%	8%	148
Post-graduate	54%	38%	8%	131
Less than \$30K	40%	48%	13%	32
\$30K to \$60K	31%	59%	10%	93
\$60K to \$75K	58%	23%	19%	44
\$75K to \$100K	50%	42%	8%	55
More than \$100K	63%	35%	3%	110
Democrat	47%	40%	13%	263
Independent	51%	40%	9%	114
Republican	41%	53%	6%	131
Inside 128	50%	40%	10%	134
128 to 495	49%	39%	12%	175
Central MA	44%	47%	8%	94
Western MA	23%	66%	11%	67
Southern MA/Cape/Islands	53%	36%	11%	70
Drive tunnel daily	45%	31%	24%	31
Once or twice a week	62%	30%	8%	73
Once or twice a month	56%	36%	8%	154
Never	37%	53%	11%	280
Very familiar with collapse	46%	45%	10%	333
Somewhat familiar	49%	39%	12%	168
Not very/not at all familiar	35%	53%	12%	39
Feel very safe in tunnels	81%	14%	5%	23
Somewhat safe	71%	24%	5%	141
Not very safe	43%	42%	15%	178
Not safe at all	26%	64%	10%	188

“I’m going to read you the names of several current political leaders who have been involved with the Big Dig project or the recent accident. For each one, please tell me if you approve or disapprove of how they have handled things with the Big Dig.”

“Governor Mitt Romney?”

STATEWIDE	<u>Approve</u> 50%	<u>Neutral / DK</u> 19%	<u>Disapprove</u> 31%	<u>(N=)</u> 538
Male	55%	13%	31%	261
Female	45%	25%	30%	277
18 to 34	44%	33%	22%	94
35 to 49	54%	15%	31%	143
50 to 64	51%	12%	37%	157
65 and over	52%	18%	30%	114
White	51%	18%	31%	471
African American	40%	35%	25%	27
Hispanic	55%	19%	26%	12
Other	42%	20%	38%	10
High school or less	46%	24%	31%	124
Some college	38%	26%	36%	124
College graduate	60%	16%	24%	147
Post-graduate	56%	10%	34%	131
Less than \$30K	43%	32%	25%	32
\$30K to \$60K	54%	13%	33%	93
\$60K to \$75K	42%	24%	35%	41
\$75K to \$100K	46%	8%	46%	55
More than \$100K	62%	15%	23%	109
Democrat	37%	20%	43%	261
Independent	54%	24%	22%	114
Republican	76%	7%	17%	131
Inside 128	43%	18%	39%	132
128 to 495	61%	14%	26%	173
Central MA	46%	24%	31%	94
Western MA	43%	22%	35%	68
Southern MA/Cape/Islands	50%	25%	25%	70
Drive tunnel daily	50%	23%	26%	28
Once or twice a week	50%	10%	40%	73
Once or twice a month	48%	21%	31%	153
Never	51%	20%	29%	281
Very familiar with collapse	51%	15%	34%	333
Somewhat familiar	52%	22%	25%	165
Not very/not at all familiar	36%	37%	27%	38
Feel very safe in tunnels	39%	22%	39%	23
Somewhat safe	56%	17%	26%	140
Not very safe	47%	20%	33%	175
Not safe at all	50%	19%	31%	189

“I’m going to read you the names of several current political leaders who have been involved with the Big Dig project or the recent accident. For each one, please tell me if you approve or disapprove of how they have handled things with the Big Dig.”

“Mass Turnpike Chairman Matt Amorello?”

STATEWIDE	<u>Approve</u> 14%	<u>Neutral / DK</u> 23%	<u>Disapprove</u> 63%	<u>(N=)</u> 537
Male	15%	17%	68%	259
Female	14%	28%	58%	277
18 to 34	10%	48%	42%	94
35 to 49	16%	17%	67%	144
50 to 64	17%	13%	70%	157
65 and over	11%	23%	65%	114
White	15%	21%	64%	471
African American	8%	44%	49%	28
Hispanic	24%	28%	49%	12
Other	2%	41%	57%	10
High school or less	16%	29%	55%	124
Some college	9%	27%	64%	125
College graduate	16%	19%	64%	147
Post-graduate	15%	17%	68%	131
Less than \$30K	26%	29%	45%	32
\$30K to \$60K	11%	17%	71%	93
\$60K to \$75K	15%	27%	58%	41
\$75K to \$100K	17%	9%	74%	55
More than \$100K	19%	13%	68%	110
Democrat	18%	22%	60%	260
Independent	13%	32%	55%	114
Republican	10%	9%	80%	130
Inside 128	16%	16%	68%	133
128 to 495	15%	23%	62%	171
Central MA	15%	29%	56%	94
Western MA	5%	32%	63%	68
Southern MA/Cape/Islands	15%	20%	66%	70
Drive tunnel daily	13%	34%	53%	28
Once or twice a week	17%	10%	73%	73
Once or twice a month	17%	21%	62%	153
Never	12%	26%	62%	279
Very familiar with collapse	14%	17%	69%	332
Somewhat familiar	14%	31%	55%	165
Not very/not at all familiar	16%	47%	38%	38
Feel very safe in tunnels	25%	23%	52%	22
Somewhat safe	17%	29%	54%	140
Not very safe	18%	23%	59%	176
Not safe at all	7%	19%	74%	189

“I’m going to read you the names of several current political leaders who have been involved with the Big Dig project or the recent accident. For each one, please tell me if you approve or disapprove of how they have handled things with the Big Dig.”

“Attorney General Tom Reilly?”

	<u>Approve</u>	<u>Neutral / DK</u>	<u>Disapprove</u>	<u>(N=)</u>
STATEWIDE	37%	32%	31%	534
Male	39%	24%	37%	260
Female	35%	40%	25%	274
18 to 34	25%	56%	19%	94
35 to 49	37%	28%	36%	143
50 to 64	42%	28%	29%	157
65 and over	41%	25%	35%	113
White	38%	31%	31%	467
African American	16%	58%	26%	27
Hispanic	20%	43%	36%	12
Other	43%	44%	13%	10
High school or less	38%	38%	24%	123
Some college	29%	42%	29%	124
College graduate	41%	26%	33%	144
Post-graduate	38%	25%	37%	131
Less than \$30K	47%	36%	18%	32
\$30K to \$60K	40%	31%	29%	93
\$60K to \$75K	25%	59%	16%	41
\$75K to \$100K	46%	23%	31%	55
More than \$100K	37%	18%	45%	109
Democrat	43%	33%	24%	258
Independent	32%	40%	27%	114
Republican	32%	19%	49%	130
Inside 128	37%	28%	35%	130
128 to 495	44%	26%	30%	172
Central MA	36%	42%	23%	94
Western MA	27%	42%	31%	68
Southern MA/Cape/Islands	30%	34%	36%	70
Drive tunnel daily	18%	57%	25%	28
Once or twice a week	35%	26%	39%	73
Once or twice a month	40%	29%	32%	150
Never	37%	33%	29%	279
Very familiar with collapse	38%	28%	34%	329
Somewhat familiar	36%	38%	27%	165
Not very/not at all familiar	27%	49%	24%	38
Feel very safe in tunnels	55%	30%	14%	23
Somewhat safe	46%	29%	25%	138
Not very safe	34%	32%	33%	175
Not safe at all	31%	35%	34%	188

“Who do you think is MOST responsible for the recent death from the tunnel collapse at the Big Dig?” “Who is next most responsible?” OPEN-END

	<u>Contractors</u>	<u>Matt Amorello</u>	<u>Inspectors</u>	<u>Mass. TPK</u>	<u>Mass. Leg.</u>	<u>Gov. Romney</u>	<u>All Equal</u>	<u>Other</u>	<u>Don't Know</u>	<u>(N=)</u>
STATEWIDE	50%	15%	6%	3%	3%	2%	6%	6%	9%	535
Male	57%	15%	4%	3%	3%	2%	4%	5%	7%	258
Female	44%	15%	8%	3%	2%	1%	7%	8%	10%	278
18 to 34	49%	13%	9%	3%	6%	1%	0%	7%	12%	97
35 to 49	44%	18%	5%	3%	1%	3%	7%	10%	9%	142
50 to 64	58%	12%	8%	3%	2%	1%	4%	6%	6%	155
65 and over	52%	18%	1%	5%	4%	3%	6%	3%	8%	114
White	52%	15%	6%	3%	2%	2%	5%	7%	8%	466
African American	29%	28%	16%	0%	8%	0%	15%	5%	0%	28
Hispanic	64%	0%	0%	7%	6%	0%	5%	0%	18%	16
Other	30%	27%	7%	13%	0%	2%	0%	10%	11%	10
High school or less	46%	16%	8%	2%	3%	3%	4%	6%	12%	124
Some college	55%	15%	4%	4%	1%	1%	6%	4%	10%	127
College graduate	48%	12%	8%	4%	5%	2%	7%	9%	6%	145
Post-graduate	55%	18%	5%	3%	3%	1%	4%	5%	7%	130
Less than \$30K	66%	13%	2%	6%	0%	0%	2%	8%	5%	32
\$30K to \$60K	52%	19%	2%	2%	3%	2%	7%	4%	8%	92
\$60K to \$75K	52%	4%	13%	6%	0%	0%	10%	4%	12%	44
\$75K to \$100K	53%	19%	2%	1%	2%	2%	5%	5%	11%	54
More than \$100K	56%	16%	5%	4%	1%	3%	4%	6%	6%	109
Democrat	50%	14%	7%	4%	2%	1%	5%	8%	10%	263
Independent	57%	11%	7%	2%	6%	1%	6%	5%	5%	113
Republican	51%	19%	4%	3%	3%	3%	5%	2%	9%	129
Inside 128	54%	15%	6%	3%	2%	3%	5%	5%	7%	134
128 to 495	48%	16%	4%	4%	4%	0%	6%	7%	11%	173
Central MA	49%	17%	8%	3%	3%	2%	5%	7%	7%	93
Western MA	56%	8%	5%	3%	3%	4%	2%	9%	8%	66
Southern MA/Cape/Islands	45%	19%	9%	3%	2%	1%	8%	4%	10%	70
Drive tunnel daily	61%	4%	15%	5%	0%	0%	0%	8%	6%	31
Once or twice a week	55%	9%	6%	4%	2%	5%	6%	6%	6%	73
Once or twice a month	50%	19%	6%	3%	1%	0%	5%	5%	11%	152
Never	48%	16%	5%	3%	4%	2%	6%	7%	8%	275
Very familiar with collapse	51%	17%	6%	3%	3%	2%	7%	5%	7%	332
Somewhat familiar	47%	13%	8%	5%	2%	1%	3%	9%	12%	165
Not very/not at all familiar	58%	6%	1%	3%	0%	7%	4%	6%	14%	38
Feel very safe in tunnels	58%	11%	11%	0%	0%	1%	3%	9%	8%	23
Somewhat safe	58%	8%	7%	3%	2%	2%	2%	7%	13%	139
Not very safe	48%	16%	6%	3%	3%	3%	6%	4%	10%	176
Not safe at all	46%	21%	5%	4%	3%	1%	8%	8%	4%	187

“Who do you think is MOST responsible for the recent death from the tunnel collapse at the Big Dig?” “Who is next most responsible?” TWO POSSIBLE RESPONSES – PERCENTAGES SUM TO MORE THAN 100%.

	<u>Contractors</u>	<u>Matt Amorello</u>	<u>Inspectors</u>	<u>Mass. TPK</u>	<u>Mass. Leg.</u>	<u>Gov. Romney</u>	<u>All Equal</u>	<u>Other</u>	<u>Don't Know</u>	<u>(N=)</u>
STATEWIDE	66%	23%	11%	9%	5%	5%	7%	17%	15%	536
Male	71%	24%	9%	9%	6%	6%	5%	16%	12%	258
Female	60%	22%	14%	9%	5%	4%	8%	19%	18%	278
18 to 34	56%	18%	13%	5%	6%	8%	2%	24%	22%	98
35 to 49	64%	26%	9%	9%	3%	6%	7%	18%	15%	142
50 to 64	75%	22%	15%	7%	4%	4%	4%	13%	11%	155
65 and over	66%	27%	7%	14%	8%	3%	9%	18%	15%	114
White	67%	22%	11%	10%	5%	5%	6%	19%	14%	466
African American	50%	30%	28%	0%	8%	6%	21%	8%	6%	28
Hispanic	64%	17%	0%	7%	6%	7%	5%	16%	25%	16
Other	50%	45%	7%	13%	0%	2%	0%	10%	31%	10
High school or less	59%	19%	14%	4%	6%	6%	6%	17%	19%	124
Some college	67%	24%	14%	8%	3%	5%	6%	18%	16%	127
College graduate	68%	20%	12%	11%	7%	4%	8%	21%	11%	145
Post-graduate	70%	28%	7%	13%	5%	4%	5%	13%	14%	130
Less than \$30K	74%	21%	12%	12%	0%	4%	10%	15%	9%	32
\$30K to \$60K	63%	29%	10%	7%	7%	6%	7%	15%	11%	92
\$60K to \$75K	62%	18%	20%	7%	1%	0%	10%	16%	20%	44
\$75K to \$100K	70%	27%	5%	11%	4%	11%	5%	13%	21%	54
More than \$100K	72%	26%	8%	12%	4%	5%	5%	16%	10%	109
Democrat	66%	22%	12%	10%	4%	6%	6%	16%	13%	263
Independent	68%	15%	15%	8%	8%	1%	6%	20%	16%	113
Republican	66%	29%	9%	9%	5%	5%	6%	16%	17%	129
Inside 128	72%	22%	14%	5%	5%	7%	6%	15%	13%	134
128 to 495	63%	21%	8%	12%	6%	1%	7%	20%	17%	173
Central MA	60%	23%	15%	12%	4%	8%	5%	19%	13%	93
Western MA	72%	24%	10%	9%	4%	4%	6%	19%	14%	66
Southern MA/Cape/Islands	62%	27%	12%	3%	5%	6%	8%	13%	19%	70
Drive tunnel daily	77%	4%	15%	15%	6%	6%	0%	20%	9%	31
Once or twice a week	58%	19%	14%	9%	2%	12%	6%	15%	14%	74
Once or twice a month	72%	26%	12%	7%	4%	2%	5%	13%	17%	152
Never	63%	24%	10%	10%	7%	4%	7%	20%	14%	275
Very familiar with collapse	67%	25%	11%	10%	5%	6%	7%	15%	12%	332
Somewhat familiar	63%	20%	12%	7%	7%	3%	4%	20%	18%	165
Not very/not at all familiar	67%	14%	8%	5%	0%	7%	9%	23%	27%	38
Feel very safe in tunnels	63%	11%	11%	11%	0%	1%	3%	14%	20%	23
Somewhat safe	70%	15%	10%	8%	3%	4%	3%	19%	17%	139
Not very safe	64%	23%	15%	7%	5%	7%	7%	12%	20%	176
Not safe at all	64%	29%	10%	11%	6%	4%	10%	21%	7%	188

“Attorney General Tom Reilly has said he will bring criminal charges against whomever is responsible for the death in the recent tunnel accident. How confident are you that the responsible persons will actually face criminal charges ... very confident ... somewhat confident ... not very confident ... or not confident at all?”

	<u>Very Confident</u> 6%	<u>Somewhat Confident</u> 24%	<u>Not Very Confident</u> 39%	<u>Not Confident</u> 28%	<u>Don't Know</u> 3%	<u>(N=)</u> 537
STATEWIDE						
Male	6%	22%	35%	35%	2%	260
Female	6%	26%	42%	22%	4%	277
18 to 34	4%	26%	41%	25%	4%	98
35 to 49	5%	20%	40%	32%	3%	140
50 to 64	6%	28%	40%	25%	1%	157
65 and over	9%	24%	35%	28%	4%	115
White	6%	23%	40%	29%	2%	468
African American	11%	23%	34%	15%	16%	28
Hispanic	0%	42%	34%	25%	0%	16
Other	7%	26%	36%	17%	13%	10
High school or less	9%	26%	32%	30%	4%	124
Some college	5%	22%	42%	26%	5%	127
College graduate	5%	26%	40%	28%	2%	148
Post-graduate	5%	23%	42%	30%	1%	130
Less than \$30K	8%	26%	45%	16%	4%	32
\$30K to \$60K	9%	23%	29%	36%	3%	93
\$60K to \$75K	6%	34%	38%	18%	4%	44
\$75K to \$100K	1%	31%	46%	22%	0%	54
More than \$100K	4%	21%	44%	29%	2%	110
Democrat	6%	29%	41%	21%	2%	264
Independent	6%	22%	39%	29%	4%	114
Republican	3%	17%	36%	43%	2%	129
Inside 128	6%	26%	32%	32%	4%	135
128 to 495	7%	22%	42%	27%	2%	173
Central MA	8%	33%	35%	21%	3%	94
Western MA	3%	19%	53%	23%	2%	65
Southern MA/Cape/Islands	4%	19%	35%	37%	4%	70
Drive tunnel daily	9%	10%	46%	33%	2%	31
Once or twice a week	2%	30%	24%	40%	5%	74
Once or twice a month	5%	27%	38%	29%	1%	151
Never	8%	23%	42%	24%	4%	279
Very familiar with collapse	5%	25%	38%	29%	3%	332
Somewhat familiar	5%	25%	44%	23%	3%	165
Not very/not at all familiar	17%	16%	24%	40%	3%	39
Feel very safe in tunnels	15%	44%	16%	26%	0%	23
Somewhat safe	5%	23%	36%	34%	1%	140
Not very safe	4%	23%	47%	22%	4%	176
Not safe at all	6%	25%	35%	29%	4%	187