2014 and 2020 No-Build

2014 and 2020 No-Build								
	-	14 AM		014 PM		020 AM		020 PM
Intersection	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В		. A	8.7		17.6		10.7
Northpark Drive at US 59 SBFR	D	47.8	С	27.1	E	69.6	С	31.3
Northpark Drive at US 59 NBFR	С	22.3	С	34.6	С	24.4	D	42.3
Northpark Drive at Loop 494	D	43.3	E	71.9	E	66.5	F	102.3
Northpark Drive WB at Russell Palmer Road	В	18.7	С	30.5	С	22.2	С	32
Northpark Drive EB at Russell Palmer Road	С	33.1	D	44.4	С	34.4	Е	73.5
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	F	263.0	F	85.8	F	359	F	144
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	С	22.5	F	252.9	D	36.4	F	347.5
Northpark Drive at Woodland Hills Drive	D	45.3	D	35.6	E	57.7	D	45.2
Northpark Drive at Brookdale Drive	В	17.8	D	40.8	В	19.9	E	64.2
Northpark Drive at Lake Houston Parkway	D	41.5	E	70.9	D	45.4	F	98.4
Northpark Drive WB at Rock Springs Drive	С	31.2	С	30.6	С	31.9	С	31.7
Northpark Drive EB at Rock Springs Drive	D	42.8	D	37.6	D	43.6	D	39.6
Lake Houston Parkway NB @ Rustic Woods Drive	D	37.4	D	50.1	D	39.5	E	69.2
Lake Houston Parkway SB @ Rustic Woods Drive	С	22.1	С	26.8	С	23.9	С	30.7
Lake Houston Parkway NB @ Kings Crossing Drive	F	167.5	F	217.1	F	233.1	F	288.6
Lake Houston Parkway SB @ Kings Crossing Drive	F	90.4	F	245.9	F	142.2	F	324.6
Kingwood Drive at Sorters Road*	Α	9.5	F	86.1	В	10.2	F	144.5
Kingwood Drive at US 59 SBFR	E	57.1	С	35.0	E	60.4	E	55.5
Kingwood Drive at US 59 NBFR	D	48.3	D	48.1	E	73.9	E	64.8
Kingwood Drive at Loop 494	E	56.9	F	93.1	E	58.6	F	101.8
Kingwood Drive at Royal Forest Drive	E	66.4	F	80.5	E	67	F	98.2
Kingwood Drive WB at Chestnut Ridge Drive	С	27.4	E	60.0	D	50.4	E	69.6
Kingwood Drive EB at Chestnut Ridge Drive	D	43.6	F	327.7	D	46.7	F	397.9
Kingwood Drive WB at Green Oak Drive	С	30.7	E	56.5	D	38.7	E	66
Kingwood Drive EB at Green Oak Drive	D	40.6	F	111.8	D	44.6	F	149.8
Kingwood Drive at Woodland Grove Drive	D	43.6	D	43.8	D	45.7	E	58.7
Kingwood Drive at Trailwood Village Drive	F	84.0	С	23.0	F	119.4	D	41.3
Kingwood Drive at Woodland Hills Drive	D	47.0	F	96.0	E	66	F	121.5
Kingwood Drive WB at Lake Kingwood Trail	В	19.3	С	20.6	С	22	С	23.6
Kingwood Drive EB at Lake Kingwood Trail	С	22.7	С	31.7	С	24.3	D	44.8
Kingwood Drive WB at Kingwood High School	В	18.5	С	27.0	С	21.5	С	29.9
Kingwood Drive EB at Kingwood High School	В	18.8	В	14.9	С	20.4	С	20.1
Kingwood Drive at Lake Houston Parkway	D	46.2	D	54.7	D	52.8	E	64.5
Kingwood Drive at Forest Garden Drive	В	13.8	D	45.4	В	17.8	D	51.5
Kingwood Drive WB at Timber Shade Drive	В	10.3	В	19.6	В	10.7	С	20.3
Kingwood Drive EB at Timber Shade Drive	С	26.8	D	36.1	С	27.3	D	39.2
Kingwood Drive WB at Willow Terrace Drive	c	24.7	В	15.7	С	25.2	В	16.7
Kingwood Drive EB at Willow Terrace Drive	F	58.9	С	28.3	E	61	С	30.5
Kingwood Drive WB at High Valley Drive	C	23.4	В	19.7	C	24.7	В	19.9
Kingwood Drive EB at High Valley Drive			С	21.2	t -	2	С	23.7
US 59 SBFR at Sorters Road	Α	6.6	В	14.7	Α	8.1	С	22.6
Loop 494 at Sorters Road	В	10.2	В	10.8	В	10.5	В	11.5
Hamblen Road at US 59 NBFR*	A	3.6	none	none	A	4.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	A	3.9	A	2.5	A	4.1	A	2.5
Hamblen Road at Laurel Springs Lane*	A	3.1	A	3.7	A	3.4	A	4.4
Hamblen Road at Forest Cove Drive*	A	8.8	E	58.9	A	9.3	F	104.5
Hamblen Road at Polest Cove Drive* Hamblen Road at Redbud Lane*	A	7.8	A	8.2	A	7.9	A	8.4
Transoles Road at Nedoud Lane	<u> ^ </u>	7.0	ΙΛ	0.2	<u> </u>	7.3	^	0.4

E	4	5	9	9
F	4	10	4	13
TOTAL	8	15	13	22

2014 and 2020 Alternative A

11 / 17.8 (A			Delay	2020 LOS	Delay
11 / 17.8 (A	•		•	LU3	
47.8		0.7		17.6	D	10.7
		27.1	E		С	29.9
	C		C		D	42.2
	E		F		F	100.4
	C		C		C	32.1
						76.1
						none
						none
						88.3
						67.8
						98.4
					-	31.6
						39.5
						67.6
						27.6
						282.8
					-	321.7
					-	149.3
					•	40.6
						43.9
						74.2
						56.4
						63.5
						76.1
						49.3
						114.2
-		_				76
						70.8
						80.4
						20.8
						43.2
				_		29.4
						22.6
						52.3
						42.2
						16.3
						37.4
						14.6
						122.5
						19.8
						24.3
						15.6
					A	9
			-			none
			-			2.5
			-			4.4
						104.5
						8.4
5.4 4.1 5.6 5.6 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6	4.4 4.6 6.6 5.3 7.8 9.1 1.2 2.8 7.4 2.1 3.5 1.4 0.3 7.1 8.8 4.0 6.2 2.8 4.0 0.7 8.7 1.5 8.5 7.5 9.3 2.7 8.5 8.8 6.2 3.8 0.3 6.8 4.7 4.1 3.4 9.9 6.6 0.2 3.9 3.6 3.1 3.7	4.4 C 6.6 E 5.3 C 7.8 D 9.1 D 1.2 C 2.8 D 7.4 D 2.1 C 3.5 F 1.4 F 0.3 B 7.1 C 8.8 D 4.0 F 6.2 E 2.8 D 4.0 F 6.2 E 2.8 D 4.0 F 0.7 E 8.7 F 1.5 D 8.5 C 7.5 E 9.3 C 2.7 C 8.8 B 6.2 D 3.8 B 6.2 D 3.8 B 6.2 D 3.8 B 6.2 D 3.8 D 4.1 C 3.4 B 9.9 C 5.6 B 0.2 B 3.9 A 3.1 A 3.7 C	4.4 C 27.7 6.6 E 57.3 5.3 C 33.4 7.8 D 40.7 9.1 D 49.8 1.2 C 30.6 2.8 D 37.6 7.4 D 50.1 2.1 C 26.8 3.5 F 102.8 1.4 F 245.9 0.3 B 15.9 7.1 C 35.0 8.8 D 48.9 4.0 F 89.3 6.2 E 79.4 2.8 D 44.4 4.0 F 229.4 0.7 E 56.5 8.7 F 91.2 1.5 D 40.5 8.5 C 21.2 7.5 E 64.4 9.3 C 20.6 2.7 C 31.7 8.5 C 27.0 8.8 B 14.9 <t< td=""><td>4.4 C 27.7 none 6.6 E 57.3 none 5.3 C 33.4 E 7.8 D 40.7 D 9.1 D 49.8 D 1.2 C 30.6 C 2.8 D 37.6 D 7.4 D 50.1 D 2.1 C 26.8 C 3.5 F 102.8 F 1.4 F 245.9 F 0.3 B 15.9 B 7.1 C 35.0 D 8.8 D 48.9 C 4.0 F 89.3 D 6.2 E 79.4 D 2.8 D 44.4 D 4.0 F 229.4 D 0.7 E 56.5 D 8.7 F 91.2 D 1.5 D 40.5 E 8.5 C 21.2 F 7.5 E 64.4 E 9.3 C 20.6 C 2.7 C 31.7 C 8.8 B 14.9 B 6.2 D 54.7 D 8.8 B 19.6 B 6.8 D 36.1 C 4.7 B 19.7 C 9.9 C 20.8 C 6.6 B 14.7 A 0.2 B 10.8 A 3.9 A 2.0 A 3.6 C 27.0 A</td><td>4.4.4 C 27.7 none none 6.6 E 57.3 none none 5.3 C 33.4 E 72.7 7.8 D 40.7 D 45.2 9.1 D 49.8 D 40.1 1.2 C 30.6 C 31.8 2.8 D 37.6 D 43.3 7.4 D 50.1 D 39.3 2.1 C 26.8 C 23.7 3.5 F 102.8 F 225.3 1.4 F 245.9 F 137.8 0.3 B 15.9 B 10.2 7.1 C 35.0 D 49.3 8.8 D 48.9 C 27.5 4.0 F 89.3 D 41 6.2 E 79.4 D 50.11 2.8 D 44.4 <t< td=""><td>4.4 C 27.7 none none none 6.6 E 57.3 none none none 5.3 C 33.4 E 72.7 F 7.8 D 40.7 D 45.2 E 9.1 D 49.8 D 40.1 F 1.2 C 30.6 C 31.8 C 2.8 D 37.6 D 43.3 D 7.4 D 50.1 D 39.3 E 2.1 C 26.8 C 23.7 C 3.5 F 102.8 F 225.3 F 1.4 F 245.9 F 137.8 F 0.3 B 15.9 B 10.2 F 7.1 C 35.0 D 49.3 D 8.8 D 48.9 C 27.5 D 4.0 F</td></t<></td></t<>	4.4 C 27.7 none 6.6 E 57.3 none 5.3 C 33.4 E 7.8 D 40.7 D 9.1 D 49.8 D 1.2 C 30.6 C 2.8 D 37.6 D 7.4 D 50.1 D 2.1 C 26.8 C 3.5 F 102.8 F 1.4 F 245.9 F 0.3 B 15.9 B 7.1 C 35.0 D 8.8 D 48.9 C 4.0 F 89.3 D 6.2 E 79.4 D 2.8 D 44.4 D 4.0 F 229.4 D 0.7 E 56.5 D 8.7 F 91.2 D 1.5 D 40.5 E 8.5 C 21.2 F 7.5 E 64.4 E 9.3 C 20.6 C 2.7 C 31.7 C 8.8 B 14.9 B 6.2 D 54.7 D 8.8 B 19.6 B 6.8 D 36.1 C 4.7 B 19.7 C 9.9 C 20.8 C 6.6 B 14.7 A 0.2 B 10.8 A 3.9 A 2.0 A 3.6 C 27.0 A	4.4.4 C 27.7 none none 6.6 E 57.3 none none 5.3 C 33.4 E 72.7 7.8 D 40.7 D 45.2 9.1 D 49.8 D 40.1 1.2 C 30.6 C 31.8 2.8 D 37.6 D 43.3 7.4 D 50.1 D 39.3 2.1 C 26.8 C 23.7 3.5 F 102.8 F 225.3 1.4 F 245.9 F 137.8 0.3 B 15.9 B 10.2 7.1 C 35.0 D 49.3 8.8 D 48.9 C 27.5 4.0 F 89.3 D 41 6.2 E 79.4 D 50.11 2.8 D 44.4 <t< td=""><td>4.4 C 27.7 none none none 6.6 E 57.3 none none none 5.3 C 33.4 E 72.7 F 7.8 D 40.7 D 45.2 E 9.1 D 49.8 D 40.1 F 1.2 C 30.6 C 31.8 C 2.8 D 37.6 D 43.3 D 7.4 D 50.1 D 39.3 E 2.1 C 26.8 C 23.7 C 3.5 F 102.8 F 225.3 F 1.4 F 245.9 F 137.8 F 0.3 B 15.9 B 10.2 F 7.1 C 35.0 D 49.3 D 8.8 D 48.9 C 27.5 D 4.0 F</td></t<>	4.4 C 27.7 none none none 6.6 E 57.3 none none none 5.3 C 33.4 E 72.7 F 7.8 D 40.7 D 45.2 E 9.1 D 49.8 D 40.1 F 1.2 C 30.6 C 31.8 C 2.8 D 37.6 D 43.3 D 7.4 D 50.1 D 39.3 E 2.1 C 26.8 C 23.7 C 3.5 F 102.8 F 225.3 F 1.4 F 245.9 F 137.8 F 0.3 B 15.9 B 10.2 F 7.1 C 35.0 D 49.3 D 8.8 D 48.9 C 27.5 D 4.0 F

E	4	5	4	9
F	3	5	4	10
TOTAL	7	10	8	19

2014 and 2020 Alternative B

2014 and 2020 Alternative B								
	_	4 AM		014 PM		020 AM		020 PM
Intersection	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	11		8.7	<u> </u>	17.6		10.7
Northpark Drive at US 59 SBFR	D	47.8	С	27.1	E	69.6	С	31.3
Northpark Drive at US 59 NBFR	С	22.3	С	34.6	С	24.4	D	42.3
Northpark Drive at Loop 494	D	43.3	E	71.9	E	66.5	F	102.7
Northpark Drive WB at Russell Palmer Road	В	18.7	С	30.5	С	22.2	С	32
Northpark Drive EB at Russell Palmer Road	C	33.1	D	44.4	C	34.4	E	73.5
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	E	64.4	С	27.7	F	359	F	144
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	В	16.6	E	57.3	D	36.4	F	347.5
Northpark Drive at Woodland Hills Drive	D	45.3	С	33.4	E	57.7	D	45.9
Northpark Drive at Brookdale Drive	В	17.8	D	40.7	В	19.9	E	64.2
Northpark Drive at Lake Houston Parkway	D	39.1	D	49.8	D	45.4	F	98.4
Northpark Drive WB at Rock Springs Drive	С	31.2	С	30.6	С	31.9	С	31.7
Northpark Drive EB at Rock Springs Drive	D	42.8	D	37.6	D	43.6	D	39.6
Lake Houston Parkway NB @ Rustic Woods Drive	D	37.4	D	50.1	D	39.5	E	69.2
Lake Houston Parkway SB @ Rustic Woods Drive	С	22.1	С	26.8	С	23.9	С	30.7
Lake Houston Parkway NB @ Kings Crossing Drive	F	93.5	F	102.8	F	233.1	F	288.6
Lake Houston Parkway SB @ Kings Crossing Drive	F	91.4	F	245.9	F	142.2	F	324.6
Kingwood Drive at Sorters Road*	В	10.3	В	15.9	В	10.2	F	144.5
Kingwood Drive at US 59 SBFR	E	57.1	С	35.0	E	60.4	E	56.3
Kingwood Drive at US 59 NBFR	D	48.8	D	48.9	E	75.6	E	64.5
Kingwood Drive at Loop 494	D	54.0	F	89.3	D	52.3	F	111
Kingwood Drive at Royal Forest Drive	E	66.2	E	79.4	В	15.5	E	76
Kingwood Drive WB at Chestnut Ridge Drive	С	22.8	D	44.4	С	34.2	F	96.5
Kingwood Drive EB at Chestnut Ridge Drive	С	34.0	F	229.4	С	30.4	E	62.6
Kingwood Drive WB at Green Oak Drive	С	30.7	E	56.5	С	24.5	E	62.8
Kingwood Drive EB at Green Oak Drive	D	38.7	F	91.2	С	24.4	F	146.4
Kingwood Drive at Woodland Grove Drive	D	41.5	D	40.5	D	53.1	E	61.8
Kingwood Drive at Trailwood Village Drive	Ε	78.5	С	21.2	F	83	D	35.7
Kingwood Drive at Woodland Hills Drive	D	37.5	E	64.4	D	40.2	F	122.7
Kingwood Drive WB at Lake Kingwood Trail	В	19.3	С	20.6	В	17.4	С	21.5
Kingwood Drive EB at Lake Kingwood Trail	С	22.7	С	31.7	С	21.8	С	30.1
Kingwood Drive WB at Kingwood High School	В	18.5	С	27.0	D	39.5	С	27.6
Kingwood Drive EB at Kingwood High School	В	18.8	В	14.9	С	26.1	С	29.9
Kingwood Drive at Lake Houston Parkway	D	46.2	D	54.7	D	44.2	E	61
Kingwood Drive at Forest Garden Drive	В	13.8	D	45.4	В	19.2	D	44.4
Kingwood Drive WB at Timber Shade Drive	В	10.3	В	19.6	В	10.7	С	20.3
Kingwood Drive EB at Timber Shade Drive	С	26.8	D	36.1	С	27.3	D	39.2
Kingwood Drive WB at Willow Terrace Drive	С	24.7	В	15.7	С	25.2	В	16.7
Kingwood Drive EB at Willow Terrace Drive	D	54.1	С	27.9	E	61	С	30.5
Kingwood Drive WB at High Valley Drive	С	23.4	В	19.7	С	24.8	В	19.9
Kingwood Drive EB at High Valley Drive	F	99.9	С	20.8	С	34.3	С	23.7
US 59 SBFR at Sorters Road	Α	6.6	В	14.7	A	8.1	С	22.6
Loop 494 at Sorters Road	В	10.2	В	10.8	В	10.5	В	11.5
Hamblen Road at US 59 NBFR*	A	3.9	A	2.0	A	4.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	Α	3.6	A	2.5	Α	4	A	2.5
Hamblen Road at Laurel Springs Lane*	A	3.1	A	3.7	Α	3.4	A	4.4
Hamblen Road at Forest Cove Drive*	A	8.7	C	27.0	A	9.3	F	104.5
Hamblen Road at Redbud Lane*	A	7.8	A	8.2	A	7.9	A	8.4
Tumoren Roud at Redudu Lane	l.,	7.0	1,7	0.2	1/3	7.5	, · ·	0.4

E	4	5	6	10
F	3	5	4	12
TOTAL	7	10	10	22

2020 Level of Service/Delay for Alternative C

	or Aiternat	AM		PM	
Intersection	LOS	Delay	LOS	Delay	
Northpark Drive at Sorters Road*	В	17.6	В	10.7	
Northpark Drive at US 59 SBFR	E	68.9	С	29.9	
Northpark Drive at US 59 NBFR	С	23.6	D	42.2	
Northpark Drive at Loop 494	F	149.2	F	99.2	
Northpark Drive WB at Russell Palmer Road	С	22.6	С	32.1	
Northpark Drive EB at Russell Palmer Road	С	34.6	E	76.1	
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none	
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none	
Northpark Drive at Woodland Hills Drive	E	72.8	F	88.3	
Northpark Drive at Brookdale Drive	D	45.2	Е	67.8	
Northpark Drive at Lake Houston Parkway	В	14.0	Е	57.6	
Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6	
Northpark Drive EB at Rock Springs Drive	D	43.3	D	35.5	
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	E	67.6	
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6	
Lake Houston Parkway NB @ Kings Crossing Drive	F	135.3	F	147.3	
Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	321.7	
Kingwood Drive at Sorters Road*	В	10.6	С	25.6	
Kingwood Drive at US 59 SBFR	D	37.5	D	39.7	
Kingwood Drive at US 59 NBFR	С	25.6	С	34.7	
Kingwood Drive at Loop 494	С	23.3	D	35.3	
Kingwood Drive at Royal Forest Drive	В	11.9	С	26.7	
Kingwood Drive WB at Chestnut Ridge Drive	С	24.0	D	52.3	
Kingwood Drive EB at Chestnut Ridge Drive	С	34.7	D	44.4	
Kingwood Drive WB at Green Oak Drive	С	21.7	E	62.6	
Kingwood Drive EB at Green Oak Drive	С	29.2	D	51.5	
Kingwood Drive at Woodland Grove Drive	В	17.5	С	21.1	
Kingwood Drive at Trailwood Village Drive	С	26.4	В	17.6	
Kingwood Drive at Woodland Hills Drive	В	14.6	Е	65.6	
Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8	
Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2	
Kingwood Drive WB at Kingwood High School	С	20.4	С	29.4	
Kingwood Drive EB at Kingwood High School	В	18.3	С	22.6	
Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3	
Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2	
Kingwood Drive WB at Timber Shade Drive	В	10.5	В	13.6	
Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4	
Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1	
Kingwood Drive EB at Willow Terrace Drive	D	54.8	D	54.9	
Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8	
Kingwood Drive EB at High Valley Drive	D	36.7	С	24.9	
US 59 SBFR at Sorters Road	Α	6.3	В	15.6	
Loop 494 at Sorters Road	Α	8.5	Α	9.0	
Hamblen Road at US 59 NBFR*	Α	4.1	none	none	
Hamblen Road at W. Hamblen/US 59 NBFR*	Α	4.0	Α	2.5	
Hamblen Road at Laurel Springs Lane*	Α	3.4	Α	4.4	
Hamblen Road at Forest Cove Drive*	A	9.1	D	46.0	
Hamblen Road at Redbud Lane*	Α	7.9	A	8.4	

E	2	6
F	3	6
Total	5	12

2020 Level of Service/Delay for Alternative D

2020 Level of Service/ Delay to		AM	PM	
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	E	55.9		Delay
Northpark Drive at US 59 SBFR	E	72.4	В	10.7
Northpark Drive at US 59 NBFR	C	34.5	С	30.5
Northpark Drive at Loop 494	D	49.5	E	74.3
Northpark Drive WB at Russell Palmer Road	В	17.1	C	27.0
Northpark Drive EB at Russell Palmer Road	С	30.0	D	46.3
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Woodland Hills Drive	D	43.0	D	42.0
Northpark Drive at Brookdale Drive	В	19.9	С	30.7
Northpark Drive at Lake Houston Parkway	D	45.4	D	49.0
Northpark Drive WB at Rock Springs Drive	С	31.9	С	31.7
Northpark Drive EB at Rock Springs Drive	D	43.6	D	39.6
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.5	С	30.7
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.9	E	69.2
Lake Houston Parkway NB @ Kings Crossing Drive	F	233.1	F	324.6
Lake Houston Parkway SB @ Kings Crossing Drive	F	142.2	F	288.6
Kingwood Drive at Sorters Road*	В	10.2	F	144.5
Kingwood Drive at US 59 SBFR	E	56.4	D	51.1
Kingwood Drive at US 59 NBFR	D	43.0	D	46.1
Kingwood Drive at Loop 494	D	54.8	E	79.3
Kingwood Drive at Royal Forest Drive	D	43.5	F	89.4
Kingwood Drive WB at Chestnut Ridge Drive	С	21.5	E	63.5
Kingwood Drive EB at Chestnut Ridge Drive	D	45.1	F	196.7
Kingwood Drive WB at Green Oak Drive	С	26.3	E	73.5
Kingwood Drive EB at Green Oak Drive	D	47.8	E	61.9
Kingwood Drive at Woodland Grove Drive	В	15.3	С	20.5
Kingwood Drive at Trailwood Village Drive	С	26.2	С	21.5
Kingwood Drive at Woodland Hills Drive	С	23.4	F	80.7
Kingwood Drive WB at Lake Kingwood Trail	С	22.0	С	23.6
Kingwood Drive EB at Lake Kingwood Trail	С	24.3	D	44.8
Kingwood Drive WB at Kingwood High School	С	21.5	С	29.9
Kingwood Drive EB at Kingwood High School	С	20.5	С	20.1
Kingwood Drive at Lake Houston Parkway	D	52.8	E	64.5
Kingwood Drive at Forest Garden Drive	В	17.8	D	51.5
Kingwood Drive WB at Timber Shade Drive	В	12.2	С	20.3
Kingwood Drive EB at Timber Shade Drive	С	27.3	D	39.2
Kingwood Drive WB at Willow Terrace Drive	С	25.4	В	16.7
Kingwood Drive EB at Willow Terrace Drive	D	53.3	С	30.5
Kingwood Drive WB at High Valley Drive	С	24.7	В	19.9
Kingwood Drive EB at High Valley Drive	D	52.7	С	23.7
US 59 SBFR at Sorters Road	Α	8.1	С	22.6
Loop 494 at Sorters Road	В	10.5	В	11.5
Hamblen Road at US 59 NBFR*	В	19.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	none	none	none	none
Hamblen Road at Laurel Springs Lane*	В	15.6	В	15.7
Hamblen Road at Forest Cove Drive*	А	9.3	F	104.5
Hamblen Road at Redbud Lane*	A	7.9	Α	8.4

E	3	7
F	2	7
Total	5	14

2020 Level of Service/Delay for Alternative E

Northpark Drive at US 59 SBFR E 68.9 C 29.9		AM		PM		
Northpark Drive at US 59 SBFR E 68.9 C 29.9	Intersection	LOS	Delay	LOS	Delay	
Northpark Drive at US 59 NBFR	Northpark Drive at Sorters Road*	В	17.6	В	10.7	
Northpark Drive at Loop 494	Northpark Drive at US 59 SBFR	E	68.9	С	29.9	
Northpark Drive WB at Russell Palmer Road	Northpark Drive at US 59 NBFR	С	23.6	D	42.2	
Northpark Drive VB at Hidden Pines/Woodridge Pkwy none none none none none none Northpark Drive EB at Hidden Pines/Woodridge Pkwy none none none none none Northpark Drive at Woodland Hills Drive E 72.9 F 88.3	Northpark Drive at Loop 494	F	149.2	F	99.7	
Northpark Drive Ba t Hidden Pines/Woodridge Pkwy none none none none Northpark Drive at Woodland Hills Drive E 72.9 F 88.3	Northpark Drive WB at Russell Palmer Road	С	22.6	С	32.1	
Northpark Drive at Woodland Hills Drive	Northpark Drive EB at Russell Palmer Road	С	34.6	Е	76.1	
Northpark Drive at Brookdale Drive D 45.2 E 67.8 Northpark Drive at Brookdale Drive D 45.2 E 67.8 Northpark Drive at Lake Houston Parkway D 40.1 F 98.4 Northpark Drive WB at Rock Springs Drive C 31.8 C 31.6 Northpark Drive WB at Rock Springs Drive D 43.3 D 39.5 Lake Houston Parkway NB @ Rustic Woods Drive D 39.3 E 67.6 Lake Houston Parkway NB @ Rustic Woods Drive D 39.3 E 67.6 Lake Houston Parkway NB @ Rustic Woods Drive F 225.3 F 282.8 Lake Houston Parkway NB @ Kings Crossing Drive F 225.3 F 282.8 Lake Houston Parkway NB @ Kings Crossing Drive F 137.8 F 321.7 Kingwood Drive at Us So 9BFR C 20.9 D 54.0 Kingwood Drive at Us 59 SBFR C 20.9 D 54.0 Kingwood Drive at Us 59 SBFR C 25.3 C 23.2 Kingwood Drive at Loop 494 B 19.0 F 95.6 Kingwood Drive at Loop 494 B 19.0 F 95.6 Kingwood Drive WB at Chestnut Ridge Drive D 47.2 E 77.8 Kingwood Drive WB at Chestnut Ridge Drive D 44.7 E 70.2 Kingwood Drive WB at Green Oak Drive D 35.5 E 64.9 Kingwood Drive at Woodland Grove Drive E 55.3 E 75.8 Kingwood Drive at Woodland Grove Drive E 55.3 E 75.8 Kingwood Drive at Koodland Grove Drive E 55.3 E 75.8 Kingwood Drive Ba t Lake Kingwood Trial C 20.8 C 20.8 Kingwood Drive Ba t Kingwood High School C 20.4 C 23.1 Kingwood Drive Ba t Kingwood High School C 20.4 C 23.1 Kingwood Drive Ba at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive Ba at High Valley Drive C 24.5 B 19.8 Kingwood Drive Ba at High Valley Drive C 24.5 B 19.8 Kingwood Drive Ba at High Valley Drive C 24.5 B 19.8 Kingwood Drive Ba at High Valley Drive C 24.5 B 19.8 Kingwood Drive Ba at High Valley Drive C 24.5 B 19.8 Kingwood Drive Ba at High Valley Drive C 24.5 B 19.8 Kingwood Drive Ba at High Valley Dri	Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none	
Northpark Drive at Brookdale Drive	Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none	
Northpark Drive at Lake Houston Parkway	Northpark Drive at Woodland Hills Drive	E	72.9	F	88.3	
Northpark Drive WB at Rock Springs Drive	Northpark Drive at Brookdale Drive	D	45.2	E	67.8	
Northpark Drive EB at Rock Springs Drive D 43.3 D 39.5	Northpark Drive at Lake Houston Parkway	D	40.1	F	98.4	
Lake Houston Parkway NB @ Rustic Woods Drive D 39.3 E 67.6	Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6	
Lake Houston Parkway NB @ Rustic Woods Drive C 23.7 C 27.6	Northpark Drive EB at Rock Springs Drive	D	43.3	D	39.5	
Lake Houston Parkway SB @ Rustic Woods Drive Lake Houston Parkway NB @ Kings Crossing Drive F 225.3 F 282.8 Lake Houston Parkway SB @ Kings Crossing Drive F 137.8 F 321.7 Kingwood Drive at Sorters Road* B 10.2 F 149.3 Kingwood Drive at US 59 SBFR C 20.9 D 54.0 Kingwood Drive at US 59 NBFR C 25.3 C 23.2 Kingwood Drive at Loop 494 B 19.0 F 95.6 Kingwood Drive at Loop 494 B 19.0 F 95.6 Kingwood Drive WB at Chestnut Ridge Drive F 228.6 D 54.0 Kingwood Drive WB at Chestnut Ridge Drive D 47.2 E 77.8 Kingwood Drive WB at Green Oak Drive D 44.7 E 70.2 Kingwood Drive WB at Green Oak Drive D 42.9 F 148.0 Kingwood Drive at Woodland Grove Drive E 55.3 E 75.8 Kingwood Drive at Woodland Grove Drive E 55.3 E 75.8 Kingwood Drive WB at Lake Kingwood Trial C 20.8 C 20.8 Kingwood Drive WB at Lake Kingwood Trial C 20.8 C 20.8 Kingwood Drive WB at Lake Kingwood Trial C 20.4 C 23.1 Kingwood Drive WB at Kingwood High School C 20.4 C 23.1 Kingwood Drive B at Kingwood High School C 20.4 C 23.1 Kingwood Drive B at Torest Garden Drive C 21.0 D 42.2 Kingwood Drive B at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive B at Timber Shade Drive C 25.0 B 16.1 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.8 Kingwood Drive B at High Valley Drive C 24.5 B 19.6 Kingwood Drive B at High Valley Drive C 24.5 B 19.6 Kingwood Drive B at High Valley Drive C 24.5 B 19.6 Kingwood Drive B at High Valley Drive C 24.5 B 19.6 Kingwood Drive B at High Valley Drive C 24.5 B 19.6 Kingwood Drive B at High Valley Drive C 24.5 B 19.6 Kingwood Drive B at High Valley Drive C 24.5 B 19.6 Kingwood B 19.6 K		D	39.3	E	67.6	
Lake Houston Parkway SB @ Kings Crossing Drive F 137.8 F 321.7	Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6	
Lake Houston Parkway SB @ Kings Crossing Drive F 137.8 F 321.7	·	F	225.3	F	1	
Kingwood Drive at Sorters Road* B 10.2 F 149.3		F		F	1	
Kingwood Drive at US 59 SBFR C 20.9 D 54.0		В		F	1	
Kingwood Drive at US 59 NBFR		С	20.9	D	54.0	
Ringwood Drive at Loop 494 B 19.0 F 95.6 Kingwood Drive at Royal Forest Drive F 228.6 D 54.0 Kingwood Drive WB at Chestnut Ridge Drive D 47.2 E 77.8 Kingwood Drive EB at Chestnut Ridge Drive D 44.7 E 70.2 Kingwood Drive EB at Green Oak Drive D 35.5 E 64.9 Kingwood Drive at Woodland Grove Drive E 55.3 E 75.8 Kingwood Drive at Woodland Grove Drive F 123.0 F 88.2 Kingwood Drive at Woodland Hills Drive F 123.0 F 88.2 Kingwood Drive at Woodland Hills Drive E 78.3 F 164.5 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive WB at Lake Kingwood Trail C 20.4 C 23.1 Kingwood Drive WB at Kingwood High School C 20.4 C 23.1 Kingwood Drive EB at Kingwood High School B 15.4 C 21.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 B 13.6 Kingwood Drive WB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at Hig		С	25.3	С	23.2	
Kingwood Drive at Royal Forest Drive Kingwood Drive WB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Kingwood High School Kingwood Drive BB at Kingwood High School Kingwood Drive at Lake Houston Parkway Kingwood Drive at Forest Garden Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Bandard Kingwood Drive EB at High Valley Drive Cand Bandard Kingwood Bandard		В	19.0	F	95.6	
Kingwood Drive WB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive Kingwood Drive B at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive B at Lake Kingwood Trail C 20.8 Kingwood Drive B at Lake Kingwood Trail C 20.8 Kingwood Drive B at Lake Kingwood Trail C 23.1 Kingwood Drive WB at Kingwood High School Kingwood Drive B at Kingwood High School Kingwood Drive at Forest Garden Drive Kingwood Drive at Forest Garden Drive C 21.0 Kingwood Drive B at Timber Shade Drive Kingwood Drive B at Timber Shade Drive Kingwood Drive B at Willow Terrace Drive Kingwood Drive B at Willow Terrace Drive Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 33.9 C 20.3 Kingwood Drive B at High Valley Drive C 33.9 C 20.3 Hamblen Road at US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 4.4 Hamblen Road at Forest Cove Drive*		F		D		
Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive E S5.3 Kingwood Drive at Woodland Grove Drive E Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail C C C C C C C C C C C C C		D	47.2	E	77.8	
Kingwood Drive B at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive E 55.3 Kingwood Drive at Woodland Grove Drive E 55.3 Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive E 78.3 Kingwood Drive WB at Lake Kingwood Trail C 20.8 Kingwood Drive B at Lake Kingwood Trail C 23.1 Kingwood Drive B at Lake Kingwood Trail C 23.1 Kingwood Drive B at Kingwood High School C 20.4 C 23.1 Kingwood Drive B at Kingwood High School B 15.4 C 21.3 Kingwood Drive at Forest Garden Drive C Xingwood Drive at Forest Garden Drive C Xingwood Drive B at Timber Shade Drive Kingwood Drive B at Timber Shade Drive Kingwood Drive B at Timber Shade Drive Kingwood Drive B at Willow Terrace Drive C 27.2 Kingwood Drive B at Willow Terrace Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 Kingwood Drive B at High Valley Drive C 24.5 A 4.1 None None Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Forest Cove Drive* A 4.4 Hamblen Road at Forest Cove Drive*		D	44.7	E	70.2	
Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive E 55.3 E 75.8 Kingwood Drive at Trailwood Village Drive F 123.0 F 88.2 Kingwood Drive at Woodland Hills Drive E 78.3 F 164.5 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 WS 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 4.1 none Namblen Road at U. Hamblen/U.S 59 NBFR* A 4.0 A 2.5 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5	· · ·	D	35.5	E	64.9	
Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6		D		F		
Kingwood Drive at Trailwood Village Drive F 123.0 F 88.2 Kingwood Drive at Woodland Hills Drive E 78.3 F 164.5 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 23.1 Kingwood Drive EB at Kingwood High School B 15.4 C 21.3 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive WB at Timber Shade Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 B 13.6 Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5	<u> </u>	E		E	75.8	
Kingwood Drive at Woodland Hills Drive E 78.3 F 164.5 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 23.1 Kingwood Drive EB at Kingwood High School B 15.4 C 21.3 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 B 13.6 Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		F	123.0	F	88.2	
Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 23.1 Kingwood Drive EB at Kingwood High School B 15.4 C 21.3 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 Kingwood Drive EB at Timber Shade Drive C 27.2 Kingwood Drive WB at Willow Terrace Drive C 25.0 Kingwood Drive WB at Willow Terrace Drive C 25.0 Kingwood Drive EB at Willow Terrace Drive C 25.0 Kingwood Drive EB at High Valley Drive C 24.5 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at Laurel Springs Lane* A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		E	78.3	F	164.5	
Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 23.1 Kingwood Drive EB at Kingwood High School B 15.4 C 21.3 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 B 13.6 Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		С		С	1	
Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 Kingwood Drive WB at Timber Shade Drive B 10.6 Kingwood Drive EB at Timber Shade Drive C 27.2 Kingwood Drive WB at Willow Terrace Drive C 25.0 Kingwood Drive WB at Willow Terrace Drive C 58.7 Kingwood Drive EB at Willow Terrace Drive C 58.7 Kingwood Drive WB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at Laurel Springs Lane* A 9.3 F 104.5	Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2	
Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 Kingwood Drive WB at Timber Shade Drive B 10.6 Kingwood Drive EB at Timber Shade Drive C 27.2 Kingwood Drive WB at Willow Terrace Drive C 25.0 Kingwood Drive EB at Willow Terrace Drive C 58.7 Kingwood Drive EB at Willow Terrace Drive E 58.7 Kingwood Drive WB at High Valley Drive C 24.5 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		С	20.4	С	23.1	
Kingwood Drive at Lake Houston Parkway Kingwood Drive at Forest Garden Drive C Lingwood Drive WB at Timber Shade Drive Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive C Z7.2 Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive C Z4.5 Kingwood Drive WB at High Valley Drive C Z4.5 Kingwood Drive EB at High Valley Drive C Z4.5 Kingwood Drive EB at High Valley Drive C Z4.5 Kingwood Drive EB at High Valley Drive C Z4.5 Kingwood Drive EB at High Valley Drive C Z4.5 B 19.8 Kingwood Drive EB at High Valley Drive C Z4.5 A Z0.3 US 59 SBFR at Sorters Road A A S.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A Z.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		В	15.4	С	21.3	
Kingwood Drive at Forest Garden Drive Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		D		D	i e	
Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 9.3 F 104.5	·				1	
Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5			1	В	1	
Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		С	27.2	D	1	
Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5			25.0	В	1	
Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5				Е	1	
Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5				В	1	
US 59 SBFR at Sorters Road A 6.2 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5					i e	
Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5			1	В	1	
Hamblen Road at US 59 NBFR* A 4.1 none none Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5				1	1	
Hamblen Road at W. Hamblen/US 59 NBFR* A 4.0 A 2.5 Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5	^			†	t	
Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4 Hamblen Road at Forest Cove Drive* A 9.3 F 104.5				1	1	
Hamblen Road at Forest Cove Drive* A 9.3 F 104.5		+	1		1	
			1	†	ł	
I Hamblen Road at Redbud Lane* IA I 79 IA I 8.4	Hamblen Road at Polest Cove Bive	Α	7.9	A	8.4	

E	5	8
F	5	8
Total	10	16

2020 Level of Service/Delay for Alternative F

	AM		AM PM		
Intersection	LOS	Delay	LOS	Delay	
Northpark Drive at Sorters Road*	В	17.6	В	10.7	
Northpark Drive at US 59 SBFR	D	52.3	D	40.1	
Northpark Drive at US 59 NBFR	В	15.1	С	23.9	
Northpark Drive at Loop 494	С	28.0	F	103.9	
Northpark Drive WB at Russell Palmer Road	В	19.1	С	34.1	
Northpark Drive EB at Russell Palmer Road	С	34.6	E	72.0	
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none	
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none	
Northpark Drive at Woodland Hills Drive	E	72.9	F	88.3	
Northpark Drive at Brookdale Drive	D	45.2	E	67.8	
Northpark Drive at Lake Houston Parkway	В	18.6	F	98.4	
Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6	
Northpark Drive EB at Rock Springs Drive	D	43.3	D	39.5	
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	E	67.6	
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6	
Lake Houston Parkway NB @ Kings Crossing Drive	F	225.3	F	282.8	
Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	321.7	
Kingwood Drive at Sorters Road*	В	10.2	F	149.3	
Kingwood Drive at US 59 SBFR	D	47.2	D	42.1	
Kingwood Drive at US 59 NBFR	E	66.6	D	35.5	
Kingwood Drive at Loop 494	F	158.3	F	103.3	
Kingwood Drive at Royal Forest Drive	F	297.4	D	54.5	
Kingwood Drive WB at Chestnut Ridge Drive	D	47.2	E	77.8	
Kingwood Drive EB at Chestnut Ridge Drive	D	44.7	E	70.2	
Kingwood Drive WB at Green Oak Drive	D	35.5	E	64.9	
Kingwood Drive EB at Green Oak Drive	D	42.9	F	148.0	
Kingwood Drive at Woodland Grove Drive	E	55.3	E	75.8	
Kingwood Drive at Trailwood Village Drive	F	123.0	F	88.2	
Kingwood Drive at Woodland Hills Drive	E	78.3	F	164.5	
Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8	
Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2	
Kingwood Drive WB at Kingwood High School	С	20.4	С	29.4	
Kingwood Drive EB at Kingwood High School	В	15.4	С	22.6	
Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3	
Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2	
Kingwood Drive WB at Timber Shade Drive	В	10.6	В	13.6	
Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4	
Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1	
Kingwood Drive EB at Willow Terrace Drive	E	58.7	E	67.8	
Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8	
Kingwood Drive EB at High Valley Drive	С	33.9	С	20.3	
US 59 SBFR at Sorters Road	А	6.2	В	15.6	
Loop 494 at Sorters Road	А	8.5	Α	9.0	
Hamblen Road at US 59 NBFR*	А	4.1	none	none	
Hamblen Road at W. Hamblen/US 59 NBFR*	А	4.0	Α	2.5	
Hamblen Road at Laurel Springs Lane*	А	3.4	А	4.4	
Hamblen Road at Forest Cove Drive*	А	9.3	F	104.5	
Hamblen Road at Redbud Lane*	А	7.9	Α	8.4	

E	5	8
F	5	8
Total	10	16

2020 Level of Service/Delay for Alternative G

	AM P		PM	
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at US 59 SBFR	E	68.9	С	29.9
Northpark Drive at US 59 NBFR	C	23.6	D	42.2
Northpark Drive at Loop 494	F	149.2	F	99.2
Northpark Drive WB at Russell Palmer Road	C	22.6	C	32.1
Northpark Drive EB at Russell Palmer Road	С	34.6	E	76.1
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Woodland Hills Drive	E	72.8	F	88.3
Northpark Drive at Brookdale Drive	D	45.2	E	67.8
Northpark Drive at Lake Houston Parkway	D	40.1	F	98.4
Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6
Northpark Drive EB at Rock Springs Drive	D	43.3	D	39.5
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	E	67.6
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6
Lake Houston Parkway NB @ Kings Crossing Drive	F	225.3	F	282.8
Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	321.7
Kingwood Drive at Sorters Road*	В	10.2	F	149.3
Kingwood Drive at US 59 SBFR	D	39.9	D	54.0
Kingwood Drive at US 59 NBFR	С	22.7	С	23.7
Kingwood Drive at Loop 494	С	27.6	D	35.1
Kingwood Drive at Royal Forest Drive	В	11.0	С	29.9
Kingwood Drive WB at Chestnut Ridge Drive	С	27.9	E	67.6
Kingwood Drive EB at Chestnut Ridge Drive	D	42.9	E	70.0
Kingwood Drive WB at Green Oak Drive	С	21.7	E	62.6
Kingwood Drive EB at Green Oak Drive	С	30.8	D	52.4
Kingwood Drive at Woodland Grove Drive	В	17.5	С	21.1
Kingwood Drive at Trailwood Village Drive	С	26.4	В	18.0
Kingwood Drive at Woodland Hills Drive	С	21.2	F	89.7
Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8
Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2
Kingwood Drive WB at Kingwood High School	С	20.4	С	29.4
Kingwood Drive EB at Kingwood High School	В	18.3	С	22.6
Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3
Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2
Kingwood Drive WB at Timber Shade Drive	В	10.6	В	13.6
Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4
Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1
Kingwood Drive EB at Willow Terrace Drive	E	58.7	E	67.8
Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8
Kingwood Drive EB at High Valley Drive	С	33.9	С	20.3
US 59 SBFR at Sorters Road	А	6.3	В	15.6
Loop 494 at Sorters Road	Α	8.5	А	9.0
Hamblen Road at US 59 NBFR*	Α	4.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	Α	4.0	Α	2.5
Hamblen Road at Laurel Springs Lane*	Α	3.4	Α	4.4
Hamblen Road at Forest Cove Drive*	Α	9.3	F	104.5
Hamblen Road at Redbud Lane*	Α	7.9	Α	8.4

E	3	7
F	3	7
Total	6	14

2020 Level of Service/Delay for Alternative H

	AM		PM	
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at US 59 SBFR	D	48.5	D	42.0
Northpark Drive at US 59 NBFR	В	15.4	С	29.2
Northpark Drive at Loop 494	С	34.6	E	72.5
Northpark Drive WB at Russell Palmer Road	В	17.1	C	27.0
Northpark Drive EB at Russell Palmer Road	С	30.0	D	46.3
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Woodland Hills Drive	D	41.4	D	42.0
Northpark Drive at Brookdale Drive	В	19.9	С	30.7
Northpark Drive at Lake Houston Parkway	D	45.4	D	49.2
Northpark Drive WB at Rock Springs Drive	С	31.9	С	31.7
Northpark Drive EB at Rock Springs Drive	D	43.6	D	39.6
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.5	E	69.2
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.9	С	30.7
Lake Houston Parkway NB @ Kings Crossing Drive	F	142.2	F	288.6
Lake Houston Parkway SB @ Kings Crossing Drive	F	233.1	F	324.6
Kingwood Drive at Sorters Road*	В	10.2	F	144.5
Kingwood Drive at US 59 SBFR	E	56.4	D	51.1
Kingwood Drive at US 59 NBFR	D	43.0	D	46.1
Kingwood Drive at Loop 494	D	54.8	E	79.3
Kingwood Drive at Royal Forest Drive	D	43.5	F	89.4
Kingwood Drive WB at Chestnut Ridge Drive	С	21.5	E	63.5
Kingwood Drive EB at Chestnut Ridge Drive	D	45.1	F	196.7
Kingwood Drive WB at Green Oak Drive	С	26.3	E	73.5
Kingwood Drive EB at Green Oak Drive	D	47.8	E	61.9
Kingwood Drive at Woodland Grove Drive	В	15.3	С	20.5
Kingwood Drive at Trailwood Village Drive	С	26.2	С	21.5
Kingwood Drive at Woodland Hills Drive	С	23.4	F	80.7
Kingwood Drive WB at Lake Kingwood Trail	С	22.0	С	23.6
Kingwood Drive EB at Lake Kingwood Trail	С	24.3	D	44.8
Kingwood Drive WB at Kingwood High School	С	21.5	С	29.9
Kingwood Drive EB at Kingwood High School	С	20.4	С	20.1
Kingwood Drive at Lake Houston Parkway	D	52.8	E	64.5
Kingwood Drive at Forest Garden Drive	В	17.8	D	51.5
Kingwood Drive WB at Timber Shade Drive	В	12.2	С	20.3
Kingwood Drive EB at Timber Shade Drive	С	27.3	D	39.2
Kingwood Drive WB at Willow Terrace Drive	С	25.4	В	16.7
Kingwood Drive EB at Willow Terrace Drive	D	53.3	С	30.5
Kingwood Drive WB at High Valley Drive	С	24.7	В	19.9
Kingwood Drive EB at High Valley Drive	D	53.1	С	23.7
US 59 SBFR at Sorters Road	Α	8.1	С	22.6
Loop 494 at Sorters Road	В	10.5	В	11.5
Hamblen Road at US 59 NBFR*	Α	4.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	none	none	Α	2.5
Hamblen Road at Laurel Springs Lane*	Α	3.4	Α	4.4
Hamblen Road at Forest Cove Drive*	A	9.3	F	104.5
Hamblen Road at Redbud Lane*	Α	7.9	Α	8.4

E	1	7
F	2	7
Total	3	14

2020 Level of Service/Delay for Alternative I

Northpark Drive at Sorters Road* B 17.6 B 10.7		AM		PM	
Northpark Drive at US 59 NBFR B 15.1 C 26.7 Northpark Drive at LOS 59 NBFR B 15.1 C 26.7 Northpark Drive at Loop 494 A 8.7 E 67.1 Northpark Drive WB at Russell Palmer Road B 15.8 C 30.8 Northpark Drive WB at Russell Palmer Road C 32.3 E 76.1 Northpark Drive WB at Hidden Pines/Woodridge Pkwy none none none none Northpark Drive BB at Russell Palmer Road C 32.3 E 76.1 Northpark Drive BB at Hidden Pines/Woodridge Pkwy none none none none none Northpark Drive at Woodland Hills Drive E 70.1 E 57.0 Northpark Drive at Brookdale Drive D 45.6 E 76.4 Northpark Drive at Lake Houston Parkway D 40.1 F 95.4 Northpark Drive at Lake Houston Parkway D 40.1 F 95.4 Northpark Drive BB at Rock Springs Drive D 43.3 D 35.5 Northpark Drive BB at Rock Springs Drive D 43.3 D 35.5 Lake Houston Parkway NB @ Rustic Woods Drive D 39.3 E 67.6 Lake Houston Parkway SB @ Rustic Woods Drive D 39.3 E 67.6 Lake Houston Parkway SB @ Kings Crossing Drive F 225.3 F 282.8 Lake Houston Parkway SB @ Kings Crossing Drive F 225.3 F 282.8 Lake Houston Parkway SB @ Kings Crossing Drive F 137.8 F 321.7 Kingwood Drive at US 59 SBFR D 39.9 E 56.5 Kingwood Drive at US 59 SBFR D 39.9 E 56.5 Kingwood Drive at US 59 NBFR C 22.7 C 27.2 Kingwood Drive at Royal Forest Drive B 10.3 D 36.0 Kingwood Drive BB at Chestnut Ridge Drive D 42.9 E 70.2 Kingwood Drive BB at Chestnut Ridge Drive C 27.9 E 67.7 Kingwood Drive BB at Chestnut Ridge Drive C 21.7 E 62.6 Kingwood Drive BB at Lake Kingwood Trial C 20.8 C 20.4 Kingwood Drive BB at Lake Kingwood Trial C 20.8 C 20.4 Kingwood Drive BB at Lake Kingwood Hills Drive C 21.2 F 89.7 Kingwood Drive BB at Kingwood High School B 13.5 C 20.8 Kingwood Drive BB at Kingwood High Sch	Intersection	LOS	Delay	LOS	Delay
Northpark Drive at US 59 NBFR	Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at Loop 494	Northpark Drive at US 59 SBFR	D	52.3	D	40.1
Northpark Drive WB at Russell Palmer Road	Northpark Drive at US 59 NBFR	В	15.1	С	26.7
Northpark Drive EB at Russell Palmer Road	Northpark Drive at Loop 494	Α	8.7	E	67.1
Northpark Drive BB at Hidden Pines/Woodridge Pkwy none none none none none Northpark Drive BB at Hidden Pines/Woodridge Pkwy none none none none none none Northpark Drive BB at Hidden Pines/Woodridge Pkwy none none none none none none Northpark Drive at Woodland Hills Drive D 45.6 E 76.4 Northpark Drive at Brookdale Drive D 445.6 E 76.4 Northpark Drive at Lake Houston Parkway D 40.1 F 95.4 Northpark Drive BB at Rock Springs Drive C 31.8 C 31.6 Northpark Drive BB at Rock Springs Drive D 43.3 D 35.5 Lake Houston Parkway NB @ Rustic Woods Drive D 39.3 E 67.6 Lake Houston Parkway NB @ Rustic Woods Drive C 23.7 C 27.6 Lake Houston Parkway SB @ Kings Crossing Drive F 225.3 F 282.8 Lake Houston Parkway SB @ Kings Crossing Drive F 137.8 F 321.7 Kingwood Drive at Sorters Road* B 10.2 F 149.3 Kingwood Drive at US 59 SBFR D 39.9 E 56.5 Kingwood Drive at US 59 SBFR D 39.9 E 56.5 Kingwood Drive at US 59 NBFR C 22.7 C 27.4 C 27.5 Kingwood Drive at Royal Forest Drive B 10.3 D 36.0 Kingwood Drive BB at Chestnut Ridge Drive C 27.9 E 67.7 C 27.9 E 67.7 Kingwood Drive BB at Chestnut Ridge Drive C 27.9 E 67.7 C 27.2 E 62.6 Kingwood Drive BB at Green Oak Drive C 21.7 E 62.6 Kingwood Drive BB at Green Oak Drive C 21.2 F 89.7 Kingwood Drive BB at Green Oak Drive C 21.2 F 89.7 Kingwood Drive BB at Lake Kingwood Trail C 20.8 C 20.8 C 20.8 Kingwood Drive BB at Lake Kingwood Trail C 20.8 C 20.8 C 20.8 Kingwood Drive BB at Lake Kingwood High School B 18.3 C 22.6 Kingwood Drive BB at Kingwood High School B 18.3 C 22.6 Kingwood Drive BB at Kingwood High School B 18.3 C 22.6 Kingwood Drive BB at High Valley	Northpark Drive WB at Russell Palmer Road	В	15.8	С	30.8
Northpark Drive EB at Hidden Pines/Woodridge Pkwy none none Northpark Drive at Woodland Hills Drive E 70.1 E 57.0	Northpark Drive EB at Russell Palmer Road	С	32.3	E	76.1
Northpark Drive at Brookdale Drive	Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Brookdale Drive	Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Lake Houston Parkway D 40.1 F 95.4	Northpark Drive at Woodland Hills Drive	E	70.1	E	57.0
Northpark Drive WB at Rock Springs Drive D 43.3 D 35.5	Northpark Drive at Brookdale Drive	D	45.6	E	76.4
Northpark Drive EB at Rock Springs Drive D 43.3 D 35.5 Lake Houston Parkway NB @ Rustic Woods Drive D 39.3 E 67.6 Lake Houston Parkway NB @ Rustic Woods Drive C 23.7 C 27.6 Lake Houston Parkway NB @ Kings Crossing Drive F 225.3 F 282.8 Lake Houston Parkway SB @ Kings Crossing Drive F 137.8 F 321.7 Kingwood Drive at Sorters Road* B 10.2 F 149.3 Kingwood Drive at US 59 SBFR D 39.9 E 56.5 Kingwood Drive at US 59 NBFR C 22.7 C 27.2 Kingwood Drive at Los Day Pay4 C 27.4 D 37.6 Kingwood Drive at Royal Forest Drive B 10.3 D 36.0 Kingwood Drive WB at Chestnut Ridge Drive C 27.9 E 67.7 Kingwood Drive WB at Green Oak Drive C 21.7 E 62.6 Kingwood Drive EB at Green Oak Drive C 31.7 E 62.6 Kingwood Drive at Woodland Grove Drive B 17.5 C 21.1 Kingwood Drive at Woodland Grove Drive B 17.5 C 21.1 Kingwood Drive at Woodland Hills Drive C 26.4 B 18.0 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive WB at Lake Kingwood High School B 18.3 C 22.6 Kingwood Drive WB at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive BB at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive BB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive BB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Drive BB at High Valley Drive C 24.5 B 19.8 Kingwood Dri	Northpark Drive at Lake Houston Parkway	D	40.1	F	95.4
Lake Houston Parkway NB @ Rustic Woods Drive D 39.3 E 67.6	Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6
Lake Houston Parkway SB @ Rustic Woods Drive C 23.7 C 27.6	Northpark Drive EB at Rock Springs Drive	D	43.3	D	35.5
Lake Houston Parkway NB @ Kings Crossing Drive	Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	E	67.6
Lake Houston Parkway SB @ Kings Crossing Drive F 137.8 F 321.7	Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6
Kingwood Drive at Sorters Road* B 10.2 F 149.3	Lake Houston Parkway NB @ Kings Crossing Drive	F	225.3	F	282.8
Kingwood Drive at US 59 SBFR C C C C C C C C C C C C C C C C C C C	Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	321.7
Kingwood Drive at US 59 NBFR	Kingwood Drive at Sorters Road*	В	10.2	F	149.3
Kingwood Drive at Loop 494 C 27.4 D 37.6 Kingwood Drive at Royal Forest Drive B 10.3 D 36.0 Kingwood Drive WB at Chestnut Ridge Drive C 27.9 E 67.7 Kingwood Drive WB at Chestnut Ridge Drive D 42.9 E 70.2 Kingwood Drive WB at Green Oak Drive C 21.7 E 62.6 Kingwood Drive EB at Green Oak Drive C 30.8 D 52.4 Kingwood Drive at Woodland Grove Drive B 17.5 C 21.1 Kingwood Drive at Trailwood Village Drive C 26.4 B 18.0 Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 29.4 Kingwood Drive EB at Kingwood High School B 18.3 C 22.6 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive EB at Timber Shade Drive C 25.0 B 16.1 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1	Kingwood Drive at US 59 SBFR	D	39.9	E	56.5
Kingwood Drive at Royal Forest Drive Kingwood Drive WB at Chestnut Ridge Drive C 27.9 E 67.7 Kingwood Drive EB at Chestnut Ridge Drive D 42.9 E 70.2 Kingwood Drive WB at Green Oak Drive C 21.7 E 62.6 Kingwood Drive EB at Green Oak Drive C 30.8 D 52.4 Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive C 26.4 B 18.0 Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 20.4 C 29.4 Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive WB at Willow Terrace Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 20.3 WS 59 SBFR at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.00	Kingwood Drive at US 59 NBFR	С	22.7	С	27.2
Kingwood Drive WB at Chestnut Ridge Drive C 27.9 E 67.7 Kingwood Drive EB at Chestnut Ridge Drive D 42.9 E 70.2 Kingwood Drive WB at Green Oak Drive C 21.7 E 62.6 Kingwood Drive EB at Green Oak Drive C 30.8 D 52.4 Kingwood Drive at Woodland Grove Drive B 17.5 C 21.1 Kingwood Drive at Trailwood Village Drive C 26.4 B 18.0 Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 29.4 Kingwood Drive EB at Kingwood High School B 18.3 C 22.6 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 4.1 O.0	Kingwood Drive at Loop 494	С	27.4	D	37.6
Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive C 21.7 E 62.6 Kingwood Drive EB at Green Oak Drive C 30.8 D 52.4 Kingwood Drive at Woodland Grove Drive B 17.5 C 21.1 Kingwood Drive at Trailwood Village Drive C 26.4 B 18.0 Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive WB at High Valley Drive C 33.9 C 20.3 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 Hamblen Road at US 59 NBFR* A 4.1 0.00	Kingwood Drive at Royal Forest Drive	В	10.3	D	36.0
Kingwood Drive WB at Green Oak Drive C 21.7 E 62.6 Kingwood Drive EB at Green Oak Drive C 30.8 D 52.4 Kingwood Drive at Woodland Grove Drive B 17.5 C 21.1 Kingwood Drive at Trailwood Village Drive C 26.4 B 18.0 Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive EB at Kingwood High School C 20.4 C 29.4 Kingwood Drive EB at Kingwood High School B 18.3 C 22.6 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 B 13.6 Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive EB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1	Kingwood Drive WB at Chestnut Ridge Drive	С	27.9	E	67.7
Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Trailwood Village Drive C 26.4 B 18.0 Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 B 13.6 Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive EB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 4.1 0.0	Kingwood Drive EB at Chestnut Ridge Drive	D	42.9	E	70.2
Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive C 26.4 B 18.0 Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 29.4 Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive WB at Willow Terrace Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 4.1 0.00	Kingwood Drive WB at Green Oak Drive	С	21.7	E	62.6
Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 4.1 0.0	Kingwood Drive EB at Green Oak Drive	С	30.8	D	52.4
Kingwood Drive at Woodland Hills Drive C 21.2 F 89.7 Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School C 20.4 C 29.4 Kingwood Drive EB at Kingwood High School B 18.3 C 22.6 Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive B 10.6 B 13.6 Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive at Woodland Grove Drive	В	17.5	С	21.1
Kingwood Drive WB at Lake Kingwood Trail C 20.8 C 20.8 Kingwood Drive EB at Lake Kingwood Trail C 23.1 D 43.2 Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C 21.0 D 42.2 Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 4.1 0.0	Kingwood Drive at Trailwood Village Drive	С	26.4	В	18.0
Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D Say. Kingwood Drive at Forest Garden Drive C Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive WB at Willow Terrace Drive Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive Kingwood Drive EB at High Valley Drive C Say. Kingwood Drive EB at High Valley Drive C Say. Kingwood Drive EB at High Valley Drive C Say. Say. C Say. Say. C Say. Say	Kingwood Drive at Woodland Hills Drive	С	21.2	F	89.7
Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway Kingwood Drive at Forest Garden Drive Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive WB at Timber Shade Drive Kingwood Drive WB at Willow Terrace Drive Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive Kingwood Drive EB at High Valley Drive Kingwood Drive EB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR*	Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8
Kingwood Drive EB at Kingwood High School Kingwood Drive at Lake Houston Parkway D 39.8 D 52.3 Kingwood Drive at Forest Garden Drive C Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive C 27.2 Kingwood Drive WB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at Willow Terrace Drive Kingwood Drive EB at High Valley Drive Kingwood Drive EB at High Valley Drive C 33.9 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 4.1 0.0	Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2
Kingwood Drive at Lake Houston Parkway Kingwood Drive at Forest Garden Drive C Z1.0 Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive C Z7.2 Kingwood Drive EB at Timber Shade Drive C Z7.2 Kingwood Drive WB at Willow Terrace Drive C Z5.0 Kingwood Drive EB at Willow Terrace Drive C Z5.0 Kingwood Drive EB at Willow Terrace Drive E S8.7 Kingwood Drive WB at High Valley Drive C Z4.5 Kingwood Drive EB at High Valley Drive C Z4.5 Kingwood Drive EB at High Valley Drive C Z3.9 C Z0.3 US 59 SBFR at Sorters Road A A A A A A A A A A A A A	Kingwood Drive WB at Kingwood High School	С	20.4	С	29.4
Kingwood Drive at Forest Garden Drive Kingwood Drive WB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive EB at Kingwood High School	В	18.3	С	22.6
Kingwood Drive WB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3
Kingwood Drive EB at Timber Shade Drive C 27.2 D 37.4 Kingwood Drive WB at Willow Terrace Drive C 25.0 B 16.1 Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2
Kingwood Drive WB at Willow Terrace DriveC25.0B16.1Kingwood Drive EB at Willow Terrace DriveE58.7E67.8Kingwood Drive WB at High Valley DriveC24.5B19.8Kingwood Drive EB at High Valley DriveC33.9C20.3US 59 SBFR at Sorters RoadA6.3B15.6Loop 494 at Sorters RoadA8.5A9.0Hamblen Road at US 59 NBFR*A4.10.0	Kingwood Drive WB at Timber Shade Drive	В	10.6	В	13.6
Kingwood Drive EB at Willow Terrace Drive E 58.7 E 67.8 Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4
Kingwood Drive WB at High Valley Drive C 24.5 B 19.8 Kingwood Drive EB at High Valley Drive C 33.9 C 20.3 US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1
Kingwood Drive EB at High Valley DriveC33.9C20.3US 59 SBFR at Sorters RoadA6.3B15.6Loop 494 at Sorters RoadA8.5A9.0Hamblen Road at US 59 NBFR*A4.10.0	Kingwood Drive EB at Willow Terrace Drive	E	58.7	E	67.8
US 59 SBFR at Sorters Road A 6.3 B 15.6 Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8
Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0	Kingwood Drive EB at High Valley Drive	С	33.9	С	20.3
Loop 494 at Sorters Road A 8.5 A 9.0 Hamblen Road at US 59 NBFR* A 4.1 0.0		Α	6.3	В	
Hamblen Road at US 59 NBFR* A 4.1 0.0		Α	8.5	Α	1
	<u> </u>	Α			0.0
пания коаа at w. пания и / ль гк / ра на	Hamblen Road at W. Hamblen/US 59 NBFR*	Α	4.0	Α	2.5
Hamblen Road at Laurel Springs Lane* A 3.4 A 4.4		Α	3.4	Α	
Hamblen Road at Forest Cove Drive* A 9.3 F 104.5	^ •	Α	9.3	F	104.5
Hamblen Road at Redbud Lane* A 7.9 A 8.4		Α	7.9	Α	8.4

E	2	10
F	2	10
Total	4	20

2020 Level of Service/Delay for Alternative J

	AM		PM	
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at US 59 SBFR	E	69.6	С	31.3
Northpark Drive at US 59 NBFR	С	24.4	D	42.3
Northpark Drive at Loop 494	E	66.5	F	102.5
Northpark Drive WB at Russell Palmer Road	С	22.2	С	32.0
Northpark Drive EB at Russell Palmer Road	С	34.4	E	73.5
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	F	359.0	F	144.0
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	D	36.4	F	347.5
Northpark Drive at Woodland Hills Drive	E	57.7	D	44.8
Northpark Drive at Brookdale Drive	В	19.9	E	64.1
Northpark Drive at Lake Houston Parkway	D	45.4	F	98.4
Northpark Drive WB at Rock Springs Drive	С	31.9	С	31.7
Northpark Drive EB at Rock Springs Drive	D	43.6	D	39.6
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.5	E	69.2
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.9	С	30.7
Lake Houston Parkway NB @ Kings Crossing Drive	F	233.1	F	288.6
Lake Houston Parkway SB @ Kings Crossing Drive	F	142.2	F	324.6
Kingwood Drive at Sorters Road*	В	10.2	F	144.5
Kingwood Drive at US 59 SBFR	D	38.4	D	52.5
Kingwood Drive at US 59 NBFR	D	48.1	D	45.8
Kingwood Drive at Loop 494	D	54.4	Е	77.6
Kingwood Drive at Royal Forest Drive	D	35.7	F	89.4
Kingwood Drive WB at Chestnut Ridge Drive	С	20.7	E	63.5
Kingwood Drive EB at Chestnut Ridge Drive	D	47.9	F	196.7
Kingwood Drive WB at Green Oak Drive	С	29.6	E	73.5
Kingwood Drive EB at Green Oak Drive	D	38.5	F	83.2
Kingwood Drive at Woodland Grove Drive	В	10.3	С	20.5
Kingwood Drive at Trailwood Village Drive	D	42.3	С	21.5
Kingwood Drive at Woodland Hills Drive	Е	76.7	F	227.1
Kingwood Drive WB at Lake Kingwood Trail	С	22.0	С	23.6
Kingwood Drive EB at Lake Kingwood Trail	С	24.3	D	44.8
Kingwood Drive WB at Kingwood High School	С	21.5	С	29.9
Kingwood Drive EB at Kingwood High School	С	20.4	c	20.1
Kingwood Drive at Lake Houston Parkway	D	52.8	E	64.5
Kingwood Drive at Forest Garden Drive	В	17.8	D	51.5
Kingwood Drive WB at Timber Shade Drive	В	10.7	С	20.3
Kingwood Drive EB at Timber Shade Drive	С	27.3	D	39.2
Kingwood Drive WB at Willow Terrace Drive	С	25.2	В	16.7
Kingwood Drive EB at Willow Terrace Drive	E	61.0	С	30.5
Kingwood Drive WB at High Valley Drive	C	24.7	В	19.9
Kingwood Drive EB at High Valley Drive	none	none	C	23.7
US 59 SBFR at Sorters Road	A	8.1	C	22.6
Loop 494 at Sorters Road	В	10.5	В	11.5
Hamblen Road at US 59 NBFR*	A	4.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	A	4.0	A	2.5
Hamblen Road at Laurel Springs Lane*	A	3.4	A	4.4
Hamblen Road at Forest Cove Drive*	A	9.3	F	104.5
Hamblen Road at Polest Cove Drive Hamblen Road at Redbud Lane*	A	7.9	A	8.4
Transolen Road at Redoud Lane	1, ,	,.5	I	1 0.7

E	5	7
F	3	7
Total	8	14

2020 Level of Service/Delay for Alternative K

	AM		PM	
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at US 59 SBFR	E	68.9	С	29.9
Northpark Drive at US 59 NBFR	С	23.6	D	42.1
Northpark Drive at Loop 494	D	45.1	E	60.9
Northpark Drive WB at Russell Palmer Road	В	15.8	С	30.8
Northpark Drive EB at Russell Palmer Road	С	32.3	E	76.1
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Woodland Hills Drive	E	70.1	E	57.0
Northpark Drive at Brookdale Drive	D	45.6	E	76.4
Northpark Drive at Lake Houston Parkway	D	40.1	F	95.4
Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6
Northpark Drive EB at Rock Springs Drive	D	43.3	D	35.5
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	E	67.6
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6
Lake Houston Parkway NB @ Kings Crossing Drive	F	225.3	F	282.8
Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	321.7
Kingwood Drive at Sorters Road*	В	10.2	F	149.3
Kingwood Drive at US 59 SBFR	D	37.5	D	39.7
Kingwood Drive at US 59 NBFR	С	25.6	С	34.7
Kingwood Drive at Loop 494	С	24.0	D	35.5
Kingwood Drive at Royal Forest Drive	В	11.9	С	30.6
Kingwood Drive WB at Chestnut Ridge Drive	С	27.9	E	67.7
Kingwood Drive EB at Chestnut Ridge Drive	D	42.9	E	70.2
Kingwood Drive WB at Green Oak Drive	С	21.7	E	62.6
Kingwood Drive EB at Green Oak Drive	С	30.8	D	52.4
Kingwood Drive at Woodland Grove Drive	В	17.5	С	21.1
Kingwood Drive at Trailwood Village Drive	С	26.4	В	18.0
Kingwood Drive at Woodland Hills Drive	С	21.2	F	89.7
Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8
Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2
Kingwood Drive WB at Kingwood High School	С	20.4	С	29.4
Kingwood Drive EB at Kingwood High School	В	18.3	С	22.6
Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3
Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2
Kingwood Drive WB at Timber Shade Drive	В	10.6	В	13.6
Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4
Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1
Kingwood Drive EB at Willow Terrace Drive	E	58.7	E	67.8
Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8
Kingwood Drive EB at High Valley Drive	С	33.9	С	20.3
US 59 SBFR at Sorters Road	А	6.3	В	15.6
Loop 494 at Sorters Road	А	8.5	А	9.0
Hamblen Road at US 59 NBFR*	А	4.1		0.0
Hamblen Road at W. Hamblen/US 59 NBFR*	А	4.0	А	2.5
Hamblen Road at Laurel Springs Lane*	А	3.4	А	4.4
Hamblen Road at Forest Cove Drive*	А	9.3	F	104.5
Hamblen Road at Redbud Lane*	А	7.9	А	8.4

E	3	9
F	2	9
Total	5	18

2020 Level of Service/Delay for Alternative L

2020 Level of Service/Delay	AM PM			PM
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at US 59 SBFR	E	68.9	С	29.9
Northpark Drive at US 59 NBFR	C	23.6	D	42.2
Northpark Drive at Loop 494	F	149.2	F	99.7
Northpark Drive WB at Russell Palmer Road	C	22.6	c	32.1
Northpark Drive EB at Russell Palmer Road	C	34.6	E	76.1
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Woodland Hills Drive	E	72.9	F	88.3
Northpark Drive at Brookdale Drive	D	45.2	E	67.8
Northpark Drive at Lake Houston Parkway	D	40.1	F	98.4
Northpark Drive WB at Rock Springs Drive	С	31.8	C	31.6
Northpark Drive EB at Rock Springs Drive	D	43.3	D	39.5
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	С	27.6
Lake Houston Parkway SB @ Rustic Woods Drive	C	23.7	E	67.6
Lake Houston Parkway NB @ Kings Crossing Drive	F	225.3	F	321.7
Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	282.8
Kingwood Drive at Sorters Road*	В	10.2	F	149.3
Kingwood Drive at US 59 SBFR	С	30.1	C	30.3
Kingwood Drive at US 59 NBFR	С	28.5	С	31.7
Kingwood Drive at Loop 494	В	19.0	F	98.8
Kingwood Drive at Royal Forest Drive	F	228.6	D	54.0
Kingwood Drive WB at Chestnut Ridge Drive	D	47.2	E	77.8
Kingwood Drive EB at Chestnut Ridge Drive	D	44.7	E	70.2
Kingwood Drive WB at Green Oak Drive	D	35.5	E	64.9
Kingwood Drive EB at Green Oak Drive	D	42.9	F	148.0
Kingwood Drive at Woodland Grove Drive	E	55.3	E	75.8
Kingwood Drive at Trailwood Village Drive	F	123.0	F	88.2
Kingwood Drive at Woodland Hills Drive	E	78.3	F	164.5
Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8
Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2
Kingwood Drive WB at Kingwood High School	С	20.4	С	23.1
Kingwood Drive EB at Kingwood High School	В	15.4	С	21.3
Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3
Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2
Kingwood Drive WB at Timber Shade Drive	В	10.6	В	13.6
Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4
Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1
Kingwood Drive EB at Willow Terrace Drive	E	58.7	Е	67.8
Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8
Kingwood Drive EB at High Valley Drive	С	33.9	С	20.3
US 59 SBFR at Sorters Road	A	6.2	В	15.6
Loop 494 at Sorters Road	Α	8.5	A	9.0
Hamblen Road at US 59 NBFR*	Α	4.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	A	4.0	A	2.5
	_	+	A	4.4
Hamblen Road at Laurel Springs Lane*	Α	3.4	14	7.7
Hamblen Road at Laurel Springs Lane* Hamblen Road at Forest Cove Drive*	A A	9.3	F	104.5

E	5	8
F	5	8
Total	10	16

2020 Level of Service/Delay for Alternative M

	AM		PM	
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at US 59 SBFR	С	29.8	С	29.2
Northpark Drive at US 59 NBFR	С	22.9	С	31.0
Northpark Drive at Loop 494	С	28.0	F	103.8
Northpark Drive WB at Russell Palmer Road	В	19.1	С	34.1
Northpark Drive EB at Russell Palmer Road	С	34.6	Е	72.0
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Woodland Hills Drive	E	72.9	F	88.3
Northpark Drive at Brookdale Drive	D	45.2	E	67.8
Northpark Drive at Lake Houston Parkway	В	18.6	F	98.4
Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6
Northpark Drive EB at Rock Springs Drive	D	43.3	D	39.5
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	E	67.6
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6
Lake Houston Parkway NB @ Kings Crossing Drive	F	225.3	F	282.8
Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	321.7
Kingwood Drive at Sorters Road*	В	10.2	F	149.3
Kingwood Drive at US 59 SBFR	D	43.4	D	40.1
Kingwood Drive at US 59 NBFR	E	66.5	D	35.5
Kingwood Drive at Loop 494	F	158.3	F	103.3
Kingwood Drive at Royal Forest Drive	F	297.4	D	54.5
Kingwood Drive WB at Chestnut Ridge Drive	D	47.2	E	77.8
Kingwood Drive EB at Chestnut Ridge Drive	D	44.7	E	70.2
Kingwood Drive WB at Green Oak Drive	D	35.5	E	64.9
Kingwood Drive EB at Green Oak Drive	D	42.9	F	148.0
Kingwood Drive at Woodland Grove Drive	E	55.3	E	75.8
Kingwood Drive at Trailwood Village Drive	F	123.0	F	88.2
Kingwood Drive at Woodland Hills Drive	E	78.3	F	164.5
Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8
Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2
Kingwood Drive WB at Kingwood High School	С	20.4	С	29.4
Kingwood Drive EB at Kingwood High School	В	15.4	С	22.6
Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3
Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2
Kingwood Drive WB at Timber Shade Drive	В	10.6	В	13.6
Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4
Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1
Kingwood Drive EB at Willow Terrace Drive	E	58.7	Е	67.8
Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8
Kingwood Drive EB at High Valley Drive	С	33.9	С	20.3
US 59 SBFR at Sorters Road	А	6.2	В	15.6
Loop 494 at Sorters Road	А	8.5	А	9.0
Hamblen Road at US 59 NBFR*	A	4.1	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	А	4.0	А	2.5
Hamblen Road at Laurel Springs Lane*	A	3.4	Α	4.4
Hamblen Road at Forest Cove Drive*	А	9.3	F	104.5
Hamblen Road at Redbud Lane*	А	7.9	А	8.4

E	5	8
F	5	8
Total	10	16

2020 Level of Service/Delay for Alternative N

	AM PM		PM	
Intersection	LOS	Delay	LOS	Delay
Northpark Drive at Sorters Road*	В	17.6	В	10.7
Northpark Drive at US 59 SBFR	E	68.9	C	29.9
Northpark Drive at US 59 NBFR	С	23.6	D	42.2
Northpark Drive at Loop 494	F	149.2	F	99.2
Northpark Drive WB at Russell Palmer Road	C	22.6	C	32.1
Northpark Drive EB at Russell Palmer Road	С	34.6	E	76.1
Northpark Drive WB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive EB at Hidden Pines/Woodridge Pkwy	none	none	none	none
Northpark Drive at Woodland Hills Drive	E	72.8	F	88.3
Northpark Drive at Brookdale Drive	D	45.2	E	67.8
Northpark Drive at Lake Houston Parkway	D	40.1	F	98.4
Northpark Drive WB at Rock Springs Drive	С	31.8	С	31.6
Northpark Drive EB at Rock Springs Drive	D	43.3	D	39.5
Lake Houston Parkway NB @ Rustic Woods Drive	D	39.3	E	67.6
Lake Houston Parkway SB @ Rustic Woods Drive	С	23.7	С	27.6
Lake Houston Parkway NB @ Kings Crossing Drive	F	225.3	F	282.8
Lake Houston Parkway SB @ Kings Crossing Drive	F	137.8	F	321.7
Kingwood Drive at Sorters Road*	В	10.2	F	149.3
Kingwood Drive at US 59 SBFR	D	37.5	D	39.6
Kingwood Drive at US 59 NBFR	С	25.6	D	36.5
Kingwood Drive at Loop 494	С	27.6	E	56.4
Kingwood Drive at Royal Forest Drive	В	11.0	C	29.9
Kingwood Drive WB at Chestnut Ridge Drive	С	27.9	E	67.6
Kingwood Drive EB at Chestnut Ridge Drive	D	42.9	E	70.0
Kingwood Drive WB at Green Oak Drive	С	21.7	E	62.6
Kingwood Drive EB at Green Oak Drive	С	30.8	D	52.4
Kingwood Drive at Woodland Grove Drive	В	17.5	С	21.1
Kingwood Drive at Trailwood Village Drive	С	26.4	В	18.0
Kingwood Drive at Woodland Hills Drive	С	21.2	F	89.7
Kingwood Drive WB at Lake Kingwood Trail	С	20.8	С	20.8
Kingwood Drive EB at Lake Kingwood Trail	С	23.1	D	43.2
Kingwood Drive WB at Kingwood High School	С	20.4	С	29.4
Kingwood Drive EB at Kingwood High School	В	18.3	С	22.6
Kingwood Drive at Lake Houston Parkway	D	39.8	D	52.3
Kingwood Drive at Forest Garden Drive	С	21.0	D	42.2
Kingwood Drive WB at Timber Shade Drive	В	10.6	В	13.6
Kingwood Drive EB at Timber Shade Drive	С	27.2	D	37.4
Kingwood Drive WB at Willow Terrace Drive	С	25.0	В	16.1
Kingwood Drive EB at Willow Terrace Drive	E	58.7	E	67.8
Kingwood Drive WB at High Valley Drive	С	24.5	В	19.8
Kingwood Drive EB at High Valley Drive	С	33.9	С	20.3
US 59 SBFR at Sorters Road	Α	6.3	В	15.6
Loop 494 at Sorters Road	Α	8.5	Α	9.0
Hamblen Road at US 59 NBFR*	none	none	none	none
Hamblen Road at W. Hamblen/US 59 NBFR*	А	4.1	А	2.5
Hamblen Road at Laurel Springs Lane*	Α	3.4	А	4.4
Hamblen Road at Forest Cove Drive*	Α	9.3	F	104.5
Hamblen Road at Redbud Lane*	Α	7.9	Α	8.4

E	3	8
F	3	8
Total	6	16

2020 Level of Service/Delay for Alternative O

Northpark Drive at US 59 SBFR	,		AM PM		PM
Northpark Drive at US 59 SBFR C 33.0 C 33. Northpark Drive at US 59 NBFR C 22.1 D 42 Northpark Drive at US 59 NBFR C 33.4 E 59 Northpark Drive at Loop 494 C 33.4 E 59 Northpark Drive at Loop 494 C 33.4 E 59 Northpark Drive Bat Russell Palmer Road B 17.1 C 22 Northpark Drive Bat Russell Palmer Road C 30.0 D 46 Northpark Drive Bat Hidden Pines/Woodridge Pkwy none none none none none Northpark Drive Bat Hidden Pines/Woodridge Pkwy none none none none Northpark Drive at Woodland Hills Drive D 41.4 D 42 Northpark Drive at Brookdale Drive B 19.9 C 36 Northpark Drive at Lake Houston Parkway D 45.4 D 45. Northpark Drive Bat Rock Springs Drive C 31.9 C 31. Northpark Drive Bat Rock Springs Drive D 43.6 D 35 Lake Houston Parkway NB @ Rustic Woods Drive D 39.5 E 65 Lake Houston Parkway SB @ Rustic Woods Drive C 23.9 C 36 Lake Houston Parkway SB @ Kings Crossing Drive F 233.1 F 28. Lake Houston Parkway SB @ Kings Crossing Drive F 142.2 F 32. Kingwood Drive at US 59 SBFR E 56.4 D 51 Kingwood Drive at US 59 SBFR D 43.0 D 46 Kingwood Drive at Loop 494 D 54.8 E 75 Kingwood Drive at Loop 494 D 54.8 E 75 Kingwood Drive Bat Chestnut Ridge Drive D 43.5 F 85 Kingwood Drive Bat Chestnut Ridge Drive D 43.5 F 85 Kingwood Drive Bat Chestnut Ridge Drive D 43.5 F 85 Kingwood Drive Bat Chestnut Ridge Drive D 43.5 F 85 Kingwood Drive Bat Chestnut Ridge Drive D 45.1 F 19 Kingwood Drive Bat Green Oak Drive D 45.1 F 19 Kingwood Drive Bat Green Oak Drive D 45.1 F 19 Kingwood Drive Bat Green Oak Drive D 45.1 F 19 Kingwood Drive Bat Green Oak Drive C 22.0 C 23.4 F 86 Kingwood Drive Bat Chestnut Ridge Drive D 47.8 E 63 Kingwood Drive Bat Chestnut Ridge Drive C 22.0 C 23.4 F 86 Kingwood Drive Bat Chestnut Ridge Drive C 22.0 C 23.4 F 86 Kingwood Drive Bat Lake Kingwood Trail C 22.0 C 23.5 Kingwood Drive Bat Kingwood High School C 20.4 C	Intersection			LOS	
Northpark Drive at US 59 SBFR C 33.0 C 31 Northpark Drive at US 59 NBFR C 22.1 D 42 Northpark Drive at Loop 494 C 33.4 E 55 Northpark Drive WB at Russell Palmer Road B 17.1 C 27 Northpark Drive EB at Russell Palmer Road C 30.0 D 46 Northpark Drive WB at Hidden Pines/Woodridge Pkwy none none none none none Northpark Drive Bat Hidden Pines/Woodridge Pkwy none none none none Northpark Drive at Woodland Hills Drive Northpark Drive at Brookdale Drive Northpark Drive Bat Rock Springs Drive D 31.9 C					10.7
Northpark Drive at US 59 NBFR C 22.1 D 42 Northpark Drive at Loop 494 C 33.4 E 55 Northpark Drive WB at Russell Palmer Road B 17.1 C 27 Northpark Drive EB at Russell Palmer Road C 30.0 D 46 Northpark Drive WB at Hidden Pines/Woodridge Pkwy none none none none Northpark Drive EB at Hidden Pines/Woodridge Pkwy none none none Northpark Drive at Woodland Hills Drive D 41.4 D 42 Northpark Drive at Brookdale Drive B 19.9 C 30 Northpark Drive at Lake Houston Parkway D 45.4 D 45. Northpark Drive WB at Rock Springs Drive C 31.9 C 31.9 Northpark Drive EB at Rock Springs Drive D 43.6 D 39.5 E 65. Lake Houston Parkway NB @ Rustic Woods Drive D 39.5 E 65. Lake Houston Parkway NB @ Rustic Woods Drive C 23.9 C 30. Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28. Lake Houston Parkway NB @ Kings Crossing Drive F 142.2 F 32. Kingwood Drive at Softers Road* B 10.2 F 14. Kingwood Drive at US 59 NBFR E 56.4 D 51. Kingwood Drive at US 59 NBFR D 43.0 D 46. Kingwood Drive at Loop 494 D 54.8 E 75. Kingwood Drive at Royal Forest Drive D 43.5 F 36.5 Kingwood Drive B at Chestnut Ridge Drive C 21.5 E 63. Kingwood Drive B at Green Oak Drive D 47.8 E 63. Kingwood Drive B at Green Oak Drive D 47.8 E 63. Kingwood Drive at Woodland Grove Drive B 15.3 C 20. Kingwood Drive at Woodland Hills Drive C 23.4 F 80. Kingwood Drive B at Chestnut Ridge Drive C 23.4 F 80. Kingwood Drive B At Chestnut Ridge Drive C 23.4 F 80. Kingwood Drive B At Chestnut Ridge Drive C 23.4 F 80. Kingwood Drive B At Chestnut Ridge Drive C 24.3 D 44. Kingwood Drive B At Chestnut Ridge Drive C 25.3 E 73. Kingwood Drive B At Chestnut Ridge Drive C 25.3 E 73. Kingwood Drive B At Chestnut Ridge Drive C 25.3 E 73. Kingwood Drive B At Chestnut Ridge Drive C 26.2 C 22.0 Kingwood Drive B At Lake Kingwood Trail C 24.3 D 44. Kingwood Drive B At Lake Kingwood Trail C 24.3 D 44. Kingwood Drive B At Kingwood High School C 20.4 C 20.4 C	*				31.3
Northpark Drive at Loop 494 Northpark Drive WB at Russell Palmer Road Northpark Drive EB at Russell Palmer Road Northpark Drive EB at Russell Palmer Road Northpark Drive EB at Russell Palmer Road Northpark Drive WB at Hidden Pines/Woodridge Pkwy Northpark Drive EB at Hidden Pines/Woodridge Pkwy Northpark Drive at Woodland Hills Drive Northpark Drive at Woodland Hills Drive Northpark Drive at Brookdale Drive Northpark Drive at Lake Houston Parkway Northpark Drive at Lake Houston Parkway Northpark Drive Bat Rock Springs Drive Northpark Drive EB at Rock Springs Drive Northpark Drive Bat Rock Springs Drive Lake Houston Parkway NB @ Rustic Woods Drive Lake Houston Parkway NB @ Rustic Woods Drive Lake Houston Parkway NB @ Kings Crossing Drive Lake Houston Parkway SB @ Kings Crossing Drive Kingwood Drive at Sorters Road* Kingwood Drive at US 59 SBFR Kingwood Drive at US 59 NBFR Kingwood Drive at US 59 NBFR Kingwood Drive at Royal Forest Drive Kingwood Drive Bat Chestnut Ridge Drive Kingwood Drive Bat Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive Bat Lake Kingwood Trail Kingwood Drive Bat Kingwood High School	•				42.3
Northpark Drive WB at Russell Palmer Road Northpark Drive EB at Russell Palmer Road Northpark Drive EB at Russell Palmer Road Northpark Drive WB at Hidden Pines/Woodridge Pkwy Northpark Drive EB at Hidden Pines/Woodridge Pkwy Northpark Drive EB at Hidden Pines/Woodridge Pkwy Northpark Drive at Woodland Hills Drive Northpark Drive at Brookdale Drive Northpark Drive at Lake Houston Parkway Northpark Drive at Lake Houston Parkway Northpark Drive BB at Rock Springs Drive Lake Houston Parkway NB @ Rustic Woods Drive Lake Houston Parkway NB @ Rustic Woods Drive Lake Houston Parkway NB @ Kings Crossing Drive Lake Houston Parkway SB @ Kings Crossing Drive Kingwood Drive at Sorters Road* Kingwood Drive at US 59 SBFR Kingwood Drive at US 59 NBFR Kingwood Drive at US 59 NBFR Kingwood Drive at Royal Forest Drive Kingwood Drive at Royal Forest Drive Kingwood Drive BB at Chestnut Ridge Drive Kingwood Drive BB at Chestnut Ridge Drive Kingwood Drive BB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive BB at Kingwood High School	<u> </u>				59.5
Northpark Drive EB at Russell Palmer Road C 30.0 D 46 Northpark Drive WB at Hidden Pines/Woodridge Pkwy none none none none none none none non				_	27.0
Northpark Drive WB at Hidden Pines/Woodridge Pkwy none none none none none none Northpark Drive at Woodland Hills Drive D 41.4 D 42 Northpark Drive at Brookdale Drive B 19.9 C 30 Northpark Drive at Lake Houston Parkway D 45.4 D 45 Northpark Drive at Lake Houston Parkway D 45.4 D 45 Northpark Drive B at Rock Springs Drive C 31.9 C 31.9 C 31.9 C 31.9 C 31.9 C 32.9 C 30 Northpark Drive B at Rock Springs Drive D 43.6 D 35 Lake Houston Parkway NB @ Rustic Woods Drive D 39.5 E 65 Lake Houston Parkway NB @ Rustic Woods Drive C 23.9 C 30 Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28 Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28 Kingwood Drive at Sorters Road* B 10.2 F 14 Kingwood Drive at US 59 SBFR E 56.4 D 51 Kingwood Drive at US 59 NBFR D 43.0 D 46 Kingwood Drive at Loop 494 D 543.5 F 85 Kingwood Drive at Royal Forest Drive D 43.5 F 85 Kingwood Drive WB at Chestnut Ridge Drive C 26.3 E 73 Kingwood Drive Bat Chestnut Ridge Drive D 47.8 E 61 Kingwood Drive Bat Chestnut Ridge Drive D 47.8 E 61 Kingwood Drive at Woodland Grove Drive B 15.3 C 20 Kingwood Drive WB at Lake Kingwood Trive B 15.3 C 20 Kingwood Drive WB at Lake Kingwood Trive B 15.3 C 20 Kingwood Drive WB at Lake Kingwood Trive C 23.4 F 80 Kingwood Drive WB at Lake Kingwood Trive C 23.4 F 80 Kingwood Drive WB at Lake Kingwood Trial C 22.4 D 44 Kingwood Drive WB at Lake Kingwood Trial C 22.4 D 44 Kingwood Drive WB at Lake Kingwood Trial C 22.4 C 22.5 Kingwood Drive WB at Lake Kingwood Trial C 22.4 C 22.5 Kingwood Drive WB at Lake Kingwood Trial C 22.4 C 22.5 Kingwood Drive WB at Lake Kingwood Trial C 22.4 C 22.5 Kingwood Drive WB at Kingwood High School C 20.4 C 20.4 C 20.5 C 20.5 C 20.5 Kingwood Drive B At Kingwood High School C 20.4 C 20.4 C 20.5 C	*				46.3
Northpark Drive EB at Hidden Pines/Woodridge Pkwy none none none none Northpark Drive at Woodland Hills Drive D 41.4 D 42 Northpark Drive at Brookdale Drive B 19.9 C 30 Northpark Drive at Lake Houston Parkway D 45.4 D 45.4 Northpark Drive Bat Rock Springs Drive C 31.9 C 31 Northpark Drive EB at Rock Springs Drive D 43.6 D 39 Lake Houston Parkway NB @ Rustic Woods Drive D 39.5 E 65 Lake Houston Parkway NB @ Rustic Woods Drive C 23.9 C 30 Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28.6 Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28.6 Kingwood Drive at Sorters Road* B 10.2 F 14.2 F 32.6 Kingwood Drive at Sorters Road* B 10.2 F 14.6 Kingwood Drive at US 59 SBFR E 56.4 D 51 Kingwood Drive at Loop 494 D 54.8 E 75 Kingwood Drive at Royal Forest Drive D 43.5 F 85 Kingwood Drive at Royal Forest Drive D 43.5 F 85 Kingwood Drive Bat Chestnut Ridge Drive C 21.5 E 63 Kingwood Drive EB at Chestnut Ridge Drive D 45.1 F 19 Kingwood Drive Bat Green Oak Drive D 47.8 E 61 Kingwood Drive Bat Green Oak Drive D 47.8 E 61 Kingwood Drive Bat Chestnut Ridge Drive C 22.0 C 22.0 Kingwood Drive WB at Lake Kingwood Trail C 22.0 C 23.0 Kingwood Drive WB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood High School C 20.4 C 20.4			+	+	none
Northpark Drive at Woodland Hills Drive	<u> </u>		+	+	none
Northpark Drive at Brookdale Drive Northpark Drive at Lake Houston Parkway Northpark Drive at Lake Houston Parkway Northpark Drive WB at Rock Springs Drive Northpark Drive EB at Rock Springs Drive D A3.6 Lake Houston Parkway NB @ Rustic Woods Drive Lake Houston Parkway SB @ Rustic Woods Drive C 23.9 Lake Houston Parkway NB @ Kings Crossing Drive F Lake Houston Parkway SB @ Kings Crossing Drive F Lake Houston Parkway SB @ Kings Crossing Drive F Lake Houston Parkway SB @ Kings Crossing Drive Kingwood Drive at Sorters Road* B 10.2 Kingwood Drive at US 59 SBFR E 56.4 D 41.4 Kingwood Drive at US 59 NBFR D 43.0 Kingwood Drive at Loop 494 D 54.8 Kingwood Drive at Royal Forest Drive D Kingwood Drive WB at Chestnut Ridge Drive C 21.5 Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Hills Drive C Kingwood Drive WB at Lake Kingwood Trail C Kingwood Drive WB at Lake Kingwood Trail C Kingwood Drive WB at Kingwood High School C Kingwood Drive EB at Kingwood High School C C 20.4					42.0
Northpark Drive at Lake Houston Parkway Northpark Drive WB at Rock Springs Drive C 31.9 Northpark Drive EB at Rock Springs Drive D 43.6 D 39.5 Lake Houston Parkway NB @ Rustic Woods Drive Lake Houston Parkway SB @ Rustic Woods Drive C 23.9 Lake Houston Parkway NB @ Kings Crossing Drive Lake Houston Parkway NB @ Kings Crossing Drive ELake Houston Parkway NB @ Kings Crossing Drive Lake Houston Parkway SB @ Kings Crossing Drive ELake Houston Parkway SB @ Kings Crossing Drive Kingwood Drive at Sorters Road* ELake Houston Parkway SB @ Kings Crossing Drive ELake Houston Parkway SB @ Rustic Woods Drive EB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive EB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive EB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive EB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive BB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive BB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive BB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive BB at Chestnut Ridge Drive ELake Houston Parkway SB @ Rustic Woods Drive BB at Kingwood Drive BB at Kingwood High School ELake Houston Dr	•				30.7
Northpark Drive WB at Rock Springs Drive C 31.9 C 31.9 Northpark Drive EB at Rock Springs Drive D 43.6 D 39.5 Lake Houston Parkway NB @ Rustic Woods Drive D 39.5 E 69.5 Lake Houston Parkway SB @ Rustic Woods Drive C 23.9 C 30.0 Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28.0 Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28.0 Lake Houston Parkway SB @ Kings Crossing Drive F 142.2 F 32.0 Kingwood Drive at Sorters Road* B 10.2 F 14.0 Kingwood Drive at US 59 SBFR E 56.4 D 51.0 Kingwood Drive at US 59 NBFR D 43.0 D 46.0 Kingwood Drive at Loop 494 D 54.8 E 75.0 Kingwood Drive at Royal Forest Drive D 43.5 F 85.0 Kingwood Drive WB at Chestnut Ridge Drive C 21.5 E 63.0 Kingwood Drive WB at Green Oak Drive D 45.1 F 19.0 Kingwood Drive BB at Green Oak Drive D 47.8 E 61.0 Kingwood Drive at Woodland Grove Drive B 15.3 C 20.0 Kingwood Drive at Trailwood Village Drive C 23.4 F 80.0 Kingwood Drive WB at Lake Kingwood Trail C 22.0 C 23.0 Kingwood Drive WB at Lake Kingwood Trail C 24.3 D 44.0 Kingwood Drive WB at Kingwood High School C 20.4 C 20.4	•				49.2
Northpark Drive EB at Rock Springs Drive D 43.6 D 39 Lake Houston Parkway NB @ Rustic Woods Drive D 39.5 E 69 Lake Houston Parkway SB @ Rustic Woods Drive C 23.9 C 30 Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28 Lake Houston Parkway SB @ Kings Crossing Drive F 142.2 F 32 Kingwood Drive at Sorters Road* B 10.2 F 144 Kingwood Drive at US 59 SBFR E 56.4 D 51 Kingwood Drive at US 59 NBFR D 43.0 D 46 Kingwood Drive at Loop 494 D 54.8 E 79 Kingwood Drive at Royal Forest Drive D 43.5 F 89 Kingwood Drive WB at Chestnut Ridge Drive C 21.5 E 63 Kingwood Drive EB at Chestnut Ridge Drive D 45.1 F 19 Kingwood Drive WB at Green Oak Drive D 47.8 E 61 Kingwood Drive at Woodland Grove Drive B 15.3 C 20 Kingwood Drive at Trailwood Village Drive C 23.4 F 80 Kingwood Drive WB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive EB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive EB at Kingwood High School C 20.4 C 20.4	<u> </u>		+		31.7
Lake Houston Parkway NB @ Rustic Woods Drive D 39.5 E 65 Lake Houston Parkway SB @ Rustic Woods Drive C 23.9 C 3C Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 286 Lake Houston Parkway SB @ Kings Crossing Drive F 142.2 F 32.6 Lake Houston Parkway SB @ Kings Crossing Drive F 142.2 F 32.6 Kingwood Drive at Sorters Road* B 10.2 F 144.6 Kingwood Drive at US 59 SBFR E 56.4 D 51 Kingwood Drive at US 59 NBFR D 43.0 D 46.6 Kingwood Drive at Loop 494 D 54.8 E 75 Kingwood Drive at Royal Forest Drive D 43.5 F 85 Kingwood Drive WB at Chestnut Ridge Drive C 21.5 E 63 Kingwood Drive EB at Chestnut Ridge Drive D 45.1 F 199 Kingwood Drive EB at Green Oak Drive D 47.8 E 61 Kingwood Drive at Woodland Grove Drive B 15.3 C 20 Kingwood Drive at Trailwood Village Drive C 23.4 F 80 Kingwood Drive WB at Lake Kingwood Trail C 22.0 C 23 Kingwood Drive WB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive EB at Kingwood High School C 20.4 C 20.4			+		39.6
Lake Houston Parkway SB @ Rustic Woods Drive			+		69.2
Lake Houston Parkway NB @ Kings Crossing Drive F 233.1 F 28. Lake Houston Parkway SB @ Kings Crossing Drive F 142.2 F 32. Kingwood Drive at Sorters Road* B 10.2 F 14. Kingwood Drive at US 59 SBFR E 56.4 D 51. Kingwood Drive at US 59 NBFR D 43.0 D 46. Kingwood Drive at Loop 494 D 54.8 E 79. Kingwood Drive at Royal Forest Drive D 43.5 F 89. Kingwood Drive WB at Chestnut Ridge Drive C 21.5 E 63. Kingwood Drive EB at Chestnut Ridge Drive D 45.1 F 19. Kingwood Drive WB at Green Oak Drive C 26.3 E 73. Kingwood Drive EB at Green Oak Drive D 47.8 E 61. Kingwood Drive at Woodland Grove Drive B 15.3 C 20. Kingwood Drive at Woodland Hills Drive C 23.4 F 80. Kingwood Drive WB at Lake Kingwood Trail C 22.0 C 23. Kingwood Drive EB at Lake Kingwood Trail C 24.3 D 44. Kingwood Drive WB at Kingwood High School C 20.4 C 20.4	·		+		30.7
Lake Houston Parkway SB @ Kings Crossing Drive F 142.2 F 32. Kingwood Drive at Sorters Road* B 10.2 F 14. Kingwood Drive at US 59 SBFR E 56.4 D 51. Kingwood Drive at US 59 NBFR D 43.0 D 46. Kingwood Drive at Loop 494 D 54.8 E 79. Kingwood Drive at Royal Forest Drive D 43.5 F 89. Kingwood Drive WB at Chestnut Ridge Drive C 21.5 E 63. Kingwood Drive EB at Chestnut Ridge Drive D 45.1 F 19. Kingwood Drive WB at Green Oak Drive C 26.3 E 73. Kingwood Drive EB at Green Oak Drive D 47.8 E 61. Kingwood Drive at Woodland Grove Drive B 15.3 C 20. Kingwood Drive at Woodland Grove Drive C 26.2 C 21. Kingwood Drive at Woodland Hills Drive C 23.4 F 80. Kingwood Drive WB at Lake Kingwood Trail C 24.3 D 44. Kingwood Drive EB at Kingwood High School C 20.4 C 20.4 C 20.4 C 20.5 C 20.4 C	· · · · · · · · · · · · · · · · · · ·				288.6
Kingwood Drive at US 59 SBFR E 56.4 D 51 Kingwood Drive at US 59 NBFR D 43.0 D 46 Kingwood Drive at Loop 494 D 54.8 E 79 Kingwood Drive at Royal Forest Drive D 43.5 F 89 Kingwood Drive at Royal Forest Drive D 43.5 F 89 Kingwood Drive WB at Chestnut Ridge Drive C 21.5 E 63 Kingwood Drive EB at Chestnut Ridge Drive D 45.1 F 199 Kingwood Drive WB at Green Oak Drive C 26.3 E 73 Kingwood Drive EB at Green Oak Drive D 47.8 E 61 Kingwood Drive at Woodland Grove Drive B 15.3 C 20 Kingwood Drive at Woodland Hills Drive C 26.2 C 21 Kingwood Drive at Woodland Hills Drive C 23.4 F 80 Kingwood Drive EB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood High School C 20.4 C 20.4					324.6
Kingwood Drive at US 59 SBFR Kingwood Drive at US 59 NBFR D 43.0 Kingwood Drive at Loop 494 D Kingwood Drive at Royal Forest Drive Kingwood Drive WB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive Kingwood Drive BB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive BB at Kingwood High School Kingwood Drive BB at Kingwood High School C Kingwood Drive EB at Kingwood High School C Z0.4 C Z0.4 C Z0.7 Z0.			-		144.5
Kingwood Drive at US 59 NBFR Kingwood Drive at Loop 494 Kingwood Drive at Royal Forest Drive Kingwood Drive WB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive Kingwood Drive BB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive BB at Lake Kingwood Trail Kingwood Drive BB at Kingwood High School Kingwood Drive BB at Kingwood High School Kingwood Drive EB at Kingwood High School C Z0.4 C Z0.6 C Z0.7 C Z0.7			-		51.1
Kingwood Drive at Loop 494 Kingwood Drive at Royal Forest Drive Kingwood Drive WB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School C Z0.4 C Z0.5 C Z0.6 C Z0.7 Z0.7 C Z0.7			-	_	46.1
Kingwood Drive at Royal Forest Drive Kingwood Drive WB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School C Z0.4 C Z0.5 C Z0.6 C Z0.7 Z0.7 C Z0.					79.4
Kingwood Drive WB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive C 26.3 E 73 Kingwood Drive EB at Green Oak Drive D 47.8 E 61 Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive C 26.2 C 21 Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School C 20.4 C 20.4			-		89.4
Kingwood Drive EB at Chestnut Ridge Drive Kingwood Drive WB at Green Oak Drive C 26.3 E 73 Kingwood Drive EB at Green Oak Drive D 47.8 E 61 Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School C 20.4 C 20.4	·				63.5
Kingwood Drive WB at Green Oak Drive Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School C 20.4 C 20.5			-		196.7
Kingwood Drive EB at Green Oak Drive Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive WB at Kingwood Trail Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School C 20.4 C 20.4					73.5
Kingwood Drive at Woodland Grove Drive Kingwood Drive at Trailwood Village Drive C Singwood Drive at Woodland Hills Drive Kingwood Drive WB at Lake Kingwood Trail Kingwood Drive EB at Lake Kingwood Trail Kingwood Drive WB at Kingwood High School Kingwood Drive EB at Kingwood High School Kingwood Drive EB at Kingwood High School C Singwood Drive EB at Kingwood High School C C C C C C C C C C C C C					61.9
Kingwood Drive at Trailwood Village Drive C 26.2 C 21 Kingwood Drive at Woodland Hills Drive C 23.4 F 80 Kingwood Drive WB at Lake Kingwood Trail C 22.0 C 23 Kingwood Drive EB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood High School C 21.5 C 29 Kingwood Drive EB at Kingwood High School C 20.4 C 20			+	-	20.5
Kingwood Drive at Woodland Hills Drive C 23.4 F 80 Kingwood Drive WB at Lake Kingwood Trail C 22.0 C 23 Kingwood Drive EB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood High School C 21.5 C 29 Kingwood Drive EB at Kingwood High School C 20.4 C 20					21.5
Kingwood Drive WB at Lake Kingwood Trail C 22.0 C 23 Kingwood Drive EB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood High School C 21.5 C 29 Kingwood Drive EB at Kingwood High School C 20.4 C 20.4					80.7
Kingwood Drive EB at Lake Kingwood Trail C 24.3 D 44 Kingwood Drive WB at Kingwood High School C 21.5 C 29 Kingwood Drive EB at Kingwood High School C 20.4 C 20.4			+	С	23.6
Kingwood Drive WB at Kingwood High School C 21.5 C 29 Kingwood Drive EB at Kingwood High School C 20.4 C 20.4			+		44.8
Kingwood Drive EB at Kingwood High School C 20.4 C 20	<u> </u>		_	С	29.9
E C C					20.1
I INDIAN OUR DIEVE AL MARCHIOUSION I AIR WAY D JAIO L U4	Kingwood Drive at Lake Houston Parkway	D	52.8	E	64.5
		В		D	51.5
		В	12.2	_	20.3
	Kingwood Drive EB at Timber Shade Drive	С		D	39.2
	<u> </u>	e C		В	16.7
					30.5
				В	19.9
		D		С	23.7
		A	8.1	С	22.6
		В	10.5	В	11.5
	-	А	4.1	none	none
			4.0	Α	2.5
			3.4	Α	4.4
		А	9.3	F	104.5
		А	7.9	А	8.4

E	1	7
F	2	7
Total	3	14