

4.0 COMPARISONS TO HISTORICAL TRAVEL TIME DATA

Comparisons of historical travel times are shown in Tables 1, 5, and 6 for major routes in the region. The increases in most travel time shown in 1987 reflect delays due to construction projects. With the inclusion of reverse commute routes in the 2000/2001 Study, two tables were necessary. Table 5 incorporates all the travel time data, including reverse-commute routes. Table 6 only uses the traditional commute routes, providing a direct comparison with the historical data. As travel times in the data decrease, speeds increase.

Year	Freeway/Expressway			Principal Arterial			Minor Arterial		
	Inner	Outer	Regional	Inner	Outer	Regional	Inner	Outer	Regional
1977	44.9	47.8	45.0	25.4	30.8	29.8	24.6	26.7	25.6
1987	44.4	53.6	51.6	27.5	31.1	29.7	22.5	26.3	24.2
1990	49.6	52.8	52.2	26.3	29.1	27.8	22.4	28.6	26.1
1993	45.6	57.7	53.9	25.6	35.4	31.4	23.2	27.5	25.8
1996	53.7	59.3	57.4	28.1	32.0	30.6	29.0	25.1	26.8
2000	55.4	61.6	60.2	28.8	38.0	36.0	27.4	33.7	32.1

Type*	Route	Begin	End	1977	1987	1990	1993	1996	2000
F/E	Downtown-Airport	6th & Broadway	KCI	21.9	20.7	19.2	19.0	18.5	19.6
F/E	I-70 West	I-70 & Broadway	Turner Diag.	11.2	15.5	10.5	9.2	9.6	9.2
F/E	I-70 East	14th & Charlotte	M-291	19.8	26.2	17.8	12.4	17.5	19.2
F/E	I-35 South	12th & I-35	I-435	20.4	15.5	15.2	16.3	20.8	17.9
F/E	I-435 South	I-35 (S Junction)	US-71	22.0	19.8	20.0	20.7	19.5	11.8
PA	SW Tfwy/Ward Pkwy	12th & I-35	I-435	25.5	26.6	24.0	20.2	27.2	24.1
PA	95th St./Bannister Rd.	Switzer Rd.	I-435	22.6	26.3	25.0	21.0	33.1	21.2

Type*	Route	Begin	End	1977	1987	1990	1993	1996	2000
F/E	Downtown-Airport	6th & Broadway	KCI	21.9	20.7	19.2	19.0	18.5	21.0
F/E	I-70 West	I-70 & Broadway	Turner Diag.	11.2	15.5	10.5	9.2	9.6	9.1
F/E	I-70 East	14th & Charlotte	M-291	19.8	26.2	17.8	12.4	17.5	25.8
F/E	I-35 South	12th & I-35	I-435	20.4	15.5	15.2	16.3	20.8	21.0
F/E	I-435 South	I-35 (S Junction)	US-71	22.0	19.8	20.0	20.7	19.5	12.4
PA	SW Tfwy/Ward Pkwy	12th & I-35	I-435	25.5	26.6	24.0	20.2	27.2	23.9
PA	95th St./Bannister Rd.	Switzer Rd.	I-435	22.6	26.3	25.0	21.0	33.1	-

Tables 7-10 compare historical speeds as well as stop delay by facility type and urban area.

Year	Freeway/ Expressway		Principal Arterial		Minor Arterial	
	Inner	Outer	Inner	Outer	Inner	Outer
1977	44.9	47.8	25.4	30.8	24.6	26.7
1987	44.4	53.6	27.5	31.1	22.5	26.3
1990	49.6	52.8	26.3	29.1	22.4	28.6
1993	45.6	57.7	25.6	35.4	23.2	27.5
1996	53.7	59.3	28.1	32	29	25.1
2000	56.1	60.0	28.8	37.3	27.1	34.8

Year	Freeway/ Expressway		Principal Arterial		Minor Arterial	
	Inner	Outer	Inner	Outer	Inner	Outer
1977	44.9	47.8	25.4	30.8	24.6	26.7
1987	44.4	53.6	27.5	31.1	22.5	26.3
1990	49.6	52.8	26.3	29.1	22.4	28.6
1993	45.6	57.7	25.6	35.4	23.2	27.5
1996	53.7	59.3	28.1	32	29	25.1
2000	56.1	60.0	60.2	28.8	38.0	36.0

Year	Freeway/ Expressway		Principal Arterial		Minor Arterial	
	Inner	Outer	Inner	Outer	Inner	Outer
1977	4.2	1.8	19.8	18.0	25.8	19.8
1987	3.0	2.0	22.0	19.0	28.0	20.0
1990	1.0	2.0	25.0	21.0	30.0	21.0
1993	3.1	0.7	25.5	13.9	27.9	19.4
1996	1.8	2.3	26.9	20.3	22.7	27.5
2000	1.6	3.2	23.2	19.0	23.8	17.0

Year	Freeway/ Expressway		Principal Arterial		Minor Arterial	
	Inner	Outer	Inner	Outer	Inner	Outer
1977	4.2	1.8	19.8	18.0	25.8	19.8
1987	3.0	2.0	22.0	19.0	28.0	20.0
1990	1.0	2.0	25.0	21.0	30.0	21.0
1993	3.1	0.7	25.5	13.9	27.9	19.4
1996	1.8	2.3	26.9	20.3	22.7	27.5
2000	2.4	1.7	22.5	15.3	27.8	18.5

Contributing Staff

Ron Achelpohl	Darryl Fields	Jacqui Moore	Manny Trillo
Terry Anderson	Molly Fitzgerald	Marlene Nagel	Greg Youell
Tonya Bachtel	Mell Henderson	Stewart Nelson	
Todd Brauer	Barbara Hensley	Steve Noble	
Jodie Craig	Jim Hubbell	Norm Schemmer	
Fauna Dean	Marlen Kokaz	John Schmidt	
Dan Fernandez	Molly McGovern	Marcy Smalley	

Preparation of this report has been financed in part through grants from the U.S. Department of Transportation (USDOT), Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA). However, any opinions, findings, conclusions or recommendations expressed herein are those of the author(s) and do not necessarily reflect the views of the USDOT, FTA or the FHWA.