

INTRODUCTION

BACKGROUND

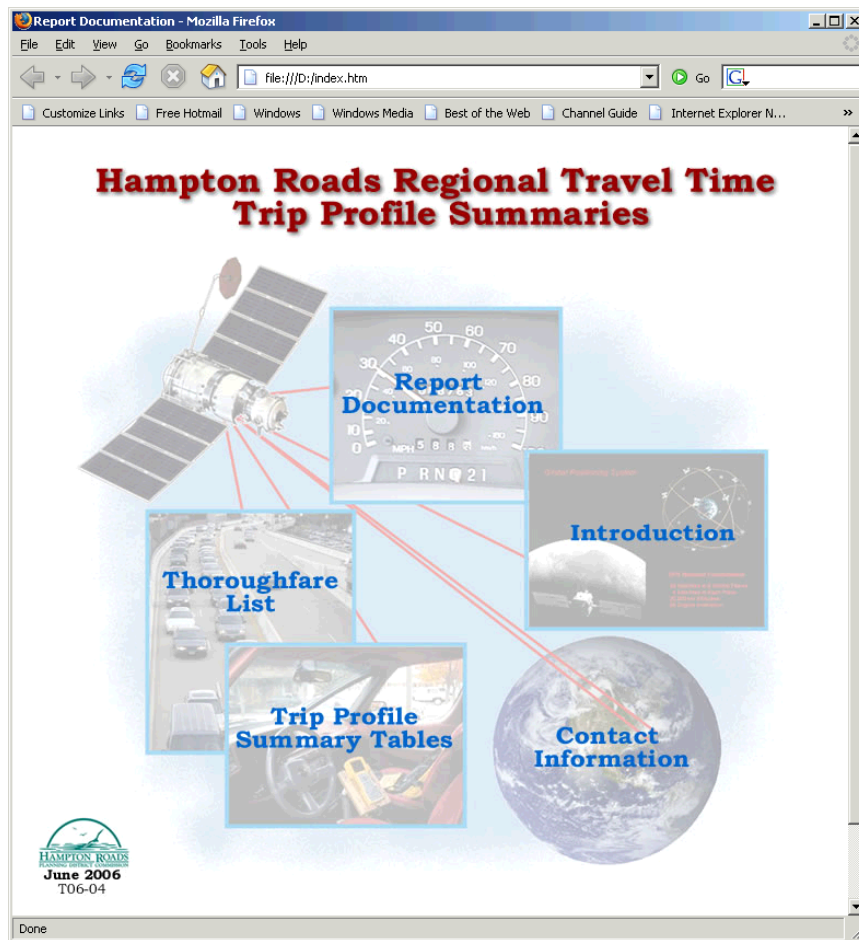
The Hampton Roads Planning District Commission staff has performed a comprehensive regional travel time study approximately every five years since the first travel time study for South Hampton Roads was produced in 1983. The first regional travel time study for the Peninsula was published in 1992. Data collection for the travel time studies prior to 2000 was performed using vehicle equipped with a portable computer and a calibrated distance-measuring instrument. The 2000 and 2005 updates to the travel time study series used global positioning system (GPS) technology for data collection and geographic information system (GIS) technology for data analysis. For this study, travel time data was collected on approximately 1,300 miles of roadway, including all of the thoroughfares that make up the Congestion Management System for Hampton Roads.

Hampton Roads Regional Travel Time has traditionally been distributed in multiple reports. The **Trip Profile Summaries** report contains travel time summary profiles for approximately 1,300 miles of roadway in Hampton Roads, as generated by the GPS/GIS system. This report is distributed electronically, in the form of a CD-ROM, and will also be made available on the HRPDC website. Other reports in the Regional Travel Time series include trip profile summaries for previous study years, travel time contour maps for selected activity centers, and analyses of the travel time data and trends.

For the purposes of this study the travel time roadway network was divided into 336 segments of varying lengths. One data collection run was made in each direction during the morning and afternoon peak hours for each segment. Data was collected using a vehicle equipped with a GPS receiver. At the office, data was downloaded from the GPS unit into the HRPDC computer network and then processed into the Transportation GIS.

USING THIS REPORT

The Trip Profile Summaries report is provided in a user-friendly, web browser-based format. The CD is designed to auto-start in most popular web browsers, such as Internet Explorer and Netscape. Upon inserting the disk, the main access page will appear.



From this page you may access the following information.

Report Documentation – Includes the abstract and acknowledgements.

Introduction – Provides background information about the Travel Time study.

Contact Information – Who to contact for more information about the study.

Thoroughfare List – An alphabetical list of the 336 runs in the study. For the purposes of this study, some segments are listed by route number rather than by street name. In addition, some segments may have a “combined” name, such as “Colley Ave/Jamestown Cres”.

DESCRIPTION OF THE THOROUGHFARE LIST

The Thoroughfare List catalogs the 336 travel time segments by name, from and to endpoints, and jurisdiction. Some segments may run through more than one jurisdiction. The jurisdiction codes are as follows:

CH – Chesapeake	PQ - Poquoson
GC – Gloucester County	PR - Portsmouth
HA – Hampton	SU - Suffolk
IW – Isle of Wight County	VB - Virginia Beach
JC – James City County	WM - Williamsburg
NN – Newport News	YC – York County
NO - Norfolk	

THOROUGHFARE LIST

THOROUGHFARE	FROM	TO	JURISDICTION
4 th View St	Interstate 64	Ocean View Ave	NO
21 st St	Hampton Blvd	Monticello Ave	NO
25 th St (One-Way)	Huntington Ave	26 th St	NN
25 th St	26 th St	Pear Ave	NN
26 th St (One-Way)	25 th St	Huntington Ave	NN
26 th St (One-Way)	Hampton Blvd	27 th St	NO
27 th St (One-Way)	26 th St	Hampton Blvd	NO
38 th St	Hampton Blvd	Granby St	NO
39 th St	Huntington Ave	Chestnut Ave	NN
Aberdeen Rd/ Buxton Ave	Todds Ln	25 th St	HA/NN
Admiral Taussig Blvd	Hampton Blvd	Interstate 564	NO
Airline Blvd	Jolliff Rd	High St	CH/PR
Armistead Ave	Commander Shepard Blvd	Settlers Landing Rd	HA
Atlantic Ave	Campostella Rd (S)	Campostella Rd (N)	CH
Atlantic Ave	Shore Dr	5 th St	VB
Azalea Garden Rd	Virginia Beach Blvd	Little Creek Rd	NO
Bainbridge Blvd	Dominion Blvd	Main St	CH/NO
Ballentine Blvd	Interstate 264	Chesapeake Blvd	NO
Barhamsville Rd	Interstate 64	RT 60	JC
Battery Park Rd	S Church St	Country Way	IW
Battlefield Blvd	NC State Line	Hillwell Rd	CH
Battlefield Blvd	Hillwell Rd	Johnstown Rd	CH
Battlefield Blvd	Johnstown Rd	Great Bridge Blvd	CH
Battlefield Blvd	Great Bridge Blvd	Campostella Rd	CH
Baxter Rd	Princess Anne Rd	Independence Blvd	VB
Bay Ave	First View St	Interstate 64	NO
Bay Ave (One-Way)	Interstate 64	Granby St	NO
Bayview Blvd	Granby St	Chesapeake Blvd	NO
Belroi Rd	Hickory Fork Rd	RT 17	GC
Benefit Rd	Johnstown Rd	Centerville Tnpk	CH
Bennetts Pasture Rd	Kings Hwy	RT 17 (Bridge Rd)	SU
Berkley Ave	Interstate 464	Marsh St	NO
Berkley Ave Ext	Berkley Ave	Campostella Rd	NO
Big Bethel Rd	Victory Blvd	Briarfield Rd	HA/YC
Birdneck Rd	General Booth Blvd	Laskin Rd	VB
Blackwater Rd/ Fentress Airfield Rd	NC State Line	Mount Pleasant Rd	CH/VB
Bland Blvd	Warwick Blvd	Siemens Way	NN
Boundary St/Francis St/ York St	Jamestown Rd	Page St	WM
Brambleton Ave	Hampton Blvd	Interstate 264	NO
Briarfield Rd	Jefferson Ave	Power Plant Pkwy	HA/NN
Bruce Rd	Taylor Rd	Tyre Neck Rd	CH
Butts Station Rd	Kempsville Rd	Centerville Tnpk	CH
Bypass Rd/Page St	Richmond Rd	York St	WM/YC
Campostella Rd	Great Bridge Blvd	Interstate 264	CH/NO
Canal Dr	Military Hwy	Geo Washington Hwy	CH
Capitol Landing Rd	Bypass Rd	RT 143 (Merrimac Trl)	WM
Carolina Rd	NC State Line	Fayette St	SU
Carys Chapel Rd	Victory Blvd	Wythe Creek Rd	PQ/YC
Cavalier Blvd	Military Hwy	Greenwood Dr	CH

THOROUGHFARE	FROM	TO	JURISDICTION
Cedar Ln	High St	Western Fwy	PR
Cedar Rd	Geo Washington Hwy	Dominion Blvd	CH
Cedar Rd	Dominion Blvd	Battlefield Blvd	CH
Center Ave	Warwick Blvd	Jefferson Ave	NN
Centerville Rd	RT 5 (John Tyler Mem Hwy)	RT 60 (Richmond Rd)	JC
Centerville Tnpk	Battlefield Blvd	Mount Pleasant Rd	CH
Centerville Tnpk	Mount Pleasant Rd	Indian River Rd	CH/VB
Chesapeake Blvd	Ballentine Blvd	Ocean View Ave	NO
Chesapeake Expwy	Interstate 64	Mount Pleasant Rd	CH
Chesapeake Expwy	Mount Pleasant Rd	Gallbush Rd	CH
Chestnut Ave	39 th St	Mercury Blvd	NN
Church St	Brambleton Ave	Granby St	NO
Church St N	Main St	River Oaks Ln	SM
Church St S	RT 10 Bypass	Main St	SM
Churchland Blvd	Western Branch Blvd	High St	CH/PR
City Hall Ave/ Tidewater Dr	Boush St	Tidewater/Brambleton	NO
Coliseum Dr	Mercury Blvd	H R Center Pkwy	HA
College Dr	RT 17 (Bridge Rd)	Armistead Rd	SU
Colley Ave/ Jamestown Cres	Brambleton Ave	Hampton Blvd	NO
Colonial Pkwy	RT 359 (Jamestown)	RT 716 (Queens Dr)	JC/WM/YC
Colonial Pkwy	RT 716 (Queens Dr)	RT 238	YC
Commander Shepard Blvd	Semple Farm Rd	Magruder Blvd	HA
Constance Rd	Washington St	Portsmouth Blvd	SU
Cook Rd (Rt 704)	RT 17	Ballard St	YC
County St	Woodland Rd	Mallory St	HA
County St	Constitution Ave	Effingham St	PR
Court St	Interstate 264	Crawford St	PR
Crawford Pkwy/ Crawford St	Effingham St	Crawford Ct	PR
Crittenden Rd	Kings Hwy	RT 17 (Bridge Rd)	SU
Croaker Rd	RT 60	Interstate 64	JC
Cromwell Dr/ Ingleside Rd	Chesapeake Blvd	Virginia Beach Blvd	NO
Cunningham Dr	Todds Ln	Mercury Blvd	HA
Dam Neck Rd	Princess Anne Rd	General Booth Blvd	VB
Deep Creek Blvd/ Des Moines Ave	Victory Blvd	Interstate 264	PR
Denbigh Blvd	Warwick Blvd	RT 17	NN/YC
Diamond Springs Rd	Newtown Rd	Shore Dr	VB
Dock Landing Rd	Jolliff Rd	Portsmouth Blvd	CH
Dominion Blvd	Geo Washington Hwy	Interstate 64	CH
Effingham St	Portsmouth Blvd	Interstate 264	PR
Effingham St	Interstate 264	Crawford Pkwy	PR
Elbow Rd	Centerville Tnpk	Indian River Rd	CH/VB
Elbow Rd	Indian River Rd	Salem Rd	VB
Elm Ave/Poindexter St (Jordan Bridge)	London Blvd	Interstate 464	CH/PR
Elmhurst Ln	Airline Blvd	Portsmouth Blvd	PR
Etheridge Manor Rd	Hillwell Rd	Centerville Tnpk	CH
Everets Rd	RT 604 (Lake Prince Dr)	Godwin Blvd	SU
Ferrell Pkwy	Indian River Rd	Princess Anne Rd	VB
Finney Ave	Main St	Pinner St	SU

THOROUGHFARE	FROM	TO	JURISDICTION
First Colonial Rd	Oceana Blvd	Great Neck Rd	VB
Fort Eustis Blvd	Warwick Blvd	RT 17	NN
Fox Hill Rd	Mercury Blvd	Old Buckroe Rd	HA
Frederick Blvd	Geo Washington Hwy	High St	PR
Freeman Ave	Interstate 464	Bainbridge Blvd	CH
General Booth Blvd	Princess Anne Rd	Rudee Inlet Bridge	VB
George Washington Hwy (RT 17/RT 17 Bus)	NC State Line	Cedar Rd	CH
George Washington Hwy (RT 17 Bus)	Cedar Rd	Canal Dr	CH
George Washington Hwy	Canal Dr	Portsmouth Blvd	CH/PR
Goodwin Neck Rd	RT 17	Wolf Trap Rd	YC
Granby St	Church St	Thole St	NO
Granby St	Thole St	Ocean View Ave	NO
Great Bridge Blvd	Bainbridge Blvd	Battlefield Blvd	CH
Great Neck Blvd	Potters Rd	Shore Dr	VB
Greenbrier Pkwy	Kempsville Rd	Military Hwy	CH
Greenwood Dr	Airline Blvd	Geo Washington Hwy	PR
Guinea Rd	RT 17	Maryus Rd	GC
Hampton Blvd	Brambleton Ave	Little Creek Rd	NO
Hampton Blvd	Little Creek Rd	Admiral Taussig Blvd	NO
Hampton Roads Center Pkwy	Harpersville Rd	Armistead Ave	HA/NN
Hanbury Rd	Johnstown Rd	Hillwell Rd	CH
Harbour View Blvd	RT 17 (Bridge Rd)	Towne Point Rd	SU
Harpersville Rd	J Clyde Morris Blvd	Warwick Blvd	NN
Harris Creek Rd	Fox Hill Rd	Little Back River Rd	HA
Haygood Rd	Newtown Rd	Independence Blvd	VB
Hickory Fork Rd	RT 17	Belroi Rd	GC
High St	Tyre Neck Rd	Frederick Blvd	PR
High St	Frederick Blvd	Crawford St	PR
Holland Rd	Independence Blvd	Princess Anne Rd	VB
Huntington Ave (One-Way)	71 st St	23 rd St	NN
Interstate 64	New Kent CL	RT 607 (Croaker Rd)	JC
Interstate 64	RT 607 (Croaker Rd)	RT 199E (Exit 242)	JC/YC
Interstate 64	RT 199E (Exit 242)	Fort Eustis Blvd	JC/NN/YC
Interstate 64	Fort Eustis Blvd	J Clyde Morris Blvd	NN
Interstate 64	J Clyde Morris Blvd	Settlers Landing Rd	HA/NN
Interstate 64 (HRBT)	Settlers Landing Rd	Interstate 564	HA/NO
Interstate 64	Interstate 564	Interstate 264	NO
Interstate 64	Interstate 264	Battlefield Blvd	CH/NO/VB
Interstate 64	Battlefield Blvd	I-264/I-664 (Bowers Hill)	CH
Interstate 264	Interstate 64/664	Frederick Blvd	CH/PR
Interstate 264 (DT)	Frederick Blvd	Ballentine Blvd	NO/PR
Interstate 264	Ballentine Blvd	Witchduck Rd	NO/VB
Interstate 264/21 st St/ 22 nd St	Witchduck Rd	Atlantic Ave	VB
Interstate 464	Interstate 64	Interstate 264	CH/NO
Interstate 564	Admiral Taussig Blvd	Interstate 64	NO
Interstate 664	Interstate 64/264	Pughsville Rd	CH/SU
Interstate 664 (MMMBT)	Pughsville Rd	Interstate 64 (Peninsula)	HA/NN/SU
Independence Blvd	Indian River Rd	Interstate 264	VB
Independence Blvd	Interstate 264	Shore Dr	VB

THOROUGHFARE	FROM	TO	JURISDICTION
Indian Lakes Blvd	Providence Rd	Indian River Rd	VB
Indian River Rd	Marsh St	Interstate 64	CH/NO/VB
Indian River Rd	Interstate 64	Lynnhaven Pkwy	VB
Indian River Rd	Lynnhaven Pkwy	North Landing Rd	VB
Indian River Rd	North Landing Rd	Princess Anne Rd	VB
International Pkwy	Lynnhaven Pkwy	London Bridge Blvd	VB
International Terminal Blvd	Hampton Blvd	Interstate 564	NO
Ironbound Rd	Monticello Ave (RT 321)	Richmond Rd	JC/WM
Ironbound Rd/ Sandy Bay Rd	News Rd	Jamestown Rd	JC
J Clyde Morris Blvd	Interstate 64	Warwick Blvd	NN
Jamestown Rd	RT 359 (Jamestown)	Boundary St	JC/WM
Jefferson Ave	Interstate 64 (Exit 247W)	Denbigh Blvd	NN
Jefferson Ave	Denbigh Blvd	Harpersville Rd	NN
Jefferson Ave	Harpersville Rd	25 th St	NN
Johnstons Rd/ Halprin Dr	Sewells Point Rd	Little Creek Rd	NO
Johnstown Rd	Benefit Rd	Battlefield Blvd	CH
Jolliff Rd	Portsmouth Blvd	Airline Blvd	CH
Kecoughtan Rd	Pear Ave	Settlers Landing Rd	HA
Kempsville Rd	Battlefield Blvd	Centerville Tnpk	CH/VB
Kempsville Rd	Centerville Tnpk	Princess Anne Rd	VB
Kempsville Rd	Newtown Rd	Northampton Blvd	NO
King St	Pembroke Ave	Curtis Ln (LAFB Gate)	HA
Kings Fork Rd	Pitchkettle Rd	Godwin Blvd	SU
Kings Hwy (CLOSED)	Godwin Blvd	Nansemond Pkwy	SU
Lafayette Blvd	27 th St	Chesapeake Blvd	NO
Lafayette St	Richmond Rd	Page St	WM
LaSalle Ave	Kecoughtan Rd	Tide Mill Ln	HA
Laskin Rd	Virginia Beach Blvd	Atlantic Ave	VB
Liberty St	State St	Atlantic Ave	CH/NO
Little Back River Rd	King St	Harris Creek Rd	HA
Little Creek Rd	Hampton Blvd	Shore Dr	NO
Little Florida Rd	Wythe Creek Rd	Poquoson Ave	PQ
Llewellyn Ave	Virginia Beach Blvd	Granby St	NO
London Blvd	High St	Crawford St	PR
London Bridge Rd	General Booth Blvd	Potters Rd	VB
Longhill Rd/Longhill Conn	RT 614 (Centerville Rd)	Ironbound Rd	JC
Lynnhaven Pkwy	Indian River Rd	Virginia Beach Blvd	VB
Main St	Fayette St	Godwin Blvd	SU
Main St S	Interstate 464	Berkley Ave	NO
Mallory St	Interstate 64	Pembroke Ave	HA
Market St	Washington St	Main St	SU
McManus Blvd/ Siemens Way	Bland Blvd	Denbigh Blvd	NN
Mellen St/Ingalls Rd	Mallory St	Mercury Blvd	HA
Mercury Blvd	Warwick Blvd	Mellen St/Ingalls Rd	HA/NN
Midtown Tunnel/ MLK Fwy	Turnpike Rd	Brambleton Ave	NO/PR
Military Hwy	Airline Rd	Interstate 464	CH
Military Hwy	Interstate 464	Lowery Rd	CH/NO/VB
Military Hwy	Lowery Rd	Little Creek Rd	NO
Monticello Ave	RT 5 (John Tyler Hwy)	RT 199	JC

THOROUGHFARE	FROM	TO	JURISDICTION
Monticello Ave	RT 199	Richmond Rd	JC/MM
Monticello Ave	City Hall Ave	Church St	NO
Mooretown Rd	RT 199	Waller Mill Rd	YC
Moses Grandy Trl	Shipyard Rd	Sebriell Way	CH
Mount Pleasant Rd	Battlefield Blvd	North Landing Bridge	CH
Nansemond Pkwy/ Portsmouth Blvd	Wilroy Rd	Jolliff Rd	CH/SU
Newtown Rd	Princess Anne Rd	Haygood Rd	NO/VB
Nike Park Rd	Titus Creek Dr	Battery Park Rd	IW
Nimmco Pkwy	West Neck Rd	Princess Anne Rd	VB
Nimmco Pkwy	General Booth Blvd	Upton Dr	VB
Norfolk Ave (CONST)	Birdneck Rd	Atlantic Ave	VB
North Landing Rd	North Landing Bridge	Princess Anne Rd	VB
Northampton Blvd	Military Hwy	CBBT Toll Plaza	NO/VB
Norview Ave	Tidewater Dr	Norfolk International Airport	NO
Ocean Ave (One-Way)	Granby St	Interstate 64	NO
Ocean View Ave	4 th View St	21 st Bay St	NO
Oceana Blvd	General Booth Blvd	First Colonial Rd	VB
Old Atlantic Ave	Atlantic Ave	Liberty St	CH
Old Buckroe Rd	Pembroke Ave	Fox Hill Rd	HA
Old Stage Rd (RT 30)	New Kent CL	Interstate 64	JC
Olde Towne Rd	Longhill Rd	Richmond Rd	JC
Olney Rd	Colley Ave	Boush St	NO
Oyster Point Rd	Warwick Blvd	Interstate 64	NN
Pacific Ave	Atlantic Ave	Rudee Inlet Bridge	VB
Park Ave	Brambleton Ave	Princess Anne Rd	NO
Pembroke Ave/39 th St	Chestnut Ave	Mallory St	HA/NN
Pinner St	Washington St	Constance Rd	SU
Pitchkettle Rd	Constance Rd	Kings Fork Rd	SU
Plaza Trail	Princess Anne Rd	Virginia Beach Blvd	VB
Poindexter St	Interstate 464	Liberty St	CH
Poquoson Ave	Wythe Creek Rd	Little Florida Rd	PQ
Portcentre Pkwy	Portsmouth Blvd	Crawford St	PR
Portsmouth Blvd	Jolliff Rd	Interstate 264	CH/PR
Portsmouth Blvd	Interstate 264	Portcentre Pkwy	PR
Portsmouth Blvd	Pinner St	Suffolk Bypass	PR
Power Plant Pkwy	Interstate 664	Mercury Blvd	HA
Powhatan Pkwy	Kecoughtan Rd	Interstate 664	HA
Princess Anne Rd	Hampton Blvd	Military Hwy	NO
Princess Anne Rd	Newtown Rd	Lynnhaven Pkwy	VB
Princess Anne Rd	Lynnhaven Pkwy	General Booth Blvd	VB
Princess Anne Rd	General Booth Blvd	Indian River Rd	VB
Princess Anne Rd	Indian River Rd	NC State Line	VB
Providence Rd	Atlantic Ave	Princess Anne Rd	CH
Pughsville Rd	Shoulders Hill Rd	Taylor Rd	CH/SU
Pungo Ferry Rd	Blackwater Rd	Princess Anne Rd	VB
Quarterpath Rd	RT 199	York St	WM
Queen St	Power Plant Pkwy	Pembroke Ave	HA
Rescue Rd	Newport St	Smiths Neck Rd	IW
Richmond Rd	Olde Towne Rd (RT 658)	Boundary St	WM
Richneck Rd	Denbigh Blvd	Fort Eustis Blvd	NN/YC
Rip Rap Rd	Armistead Ave	King St	HA
Roanoke Ave	Interstate 664	Mercury Blvd	HA/NN
Robin Hood Rd	Chesapeake Blvd	Military Hwy	NO
Rosemont Rd	Dam Neck Rd	Virginia Beach Blvd	VB

THOROUGHFARE	FROM	TO	JURISDICTION
RT 3/14	RT 17 Bus	RT 623	GC
RT 5 (J Tyler Mem Hwy)	Charles City CL	RT 199	JC
RT 10 (Old Stage Hwy)	River Oaks Ln	Surry CL	IW/SM
RT 10 Bypass	Church St S	RT 10 Bus	SM
RT 10/258 (Benns Church Blvd)	Brewers Neck Blvd	Church St	IW/SM
RT 10/32 (Godwin Blvd)	Pruden Blvd	Everets Rd	SU
RT 10/32 (Godwin/Benns Church)	Everets Rd	Brewers Neck Blvd	IW/SU
RT 13/58/460	Suffolk Bypass	Jolliff Rd	CH/SU
RT 17	Interstate 64	Goodwin Neck Rd	NN/YC
RT 17/Coleman Bridge	Goodwin Neck Rd	RT 216 (Guinea Rd)	GC/YC
RT 17	RT 216 (Guinea Rd)	RT 17 Bus South	GC
RT 17	RT 17 Bus South	RT 606	GC
RT 17/James River Bridge	Warwick Blvd	Brewers Neck Blvd	IW/NN
RT 17	Brewers Neck Blvd	Churchland Blvd	CH/IW/SU
RT 17 Bus (Main St)	RT 17	Rt 3/14	GC
RT 32/258 (Brewers Neck Blvd)	RT 10/32	RT 17	IW
RT 58/RT 189	Southampton CL	RT 58 Bus (Ruritan Blvd)	SU
RT 58 (Holland Bypass)	W End of Holland Bypass	RT 647 W (Chappell Rd)	SU
RT 58 (Holland Rd/Washington St)	RT 647 W (Chappell Rd)	Constance Rd	SU
RT 58 Bus (Ruritan/Holland Rd)	Franklin CL	RT 58 (E End of Holland Bypass)	SU
RT 60	New Kent CL	RT 30	JC
RT 60	RT 30	Olde Towne Rd (RT 658)	JC
RT 60 (Pocahontas Trl/Warwick Blvd)	Quarterpath Rd	Yorktown Rd	JC/NN/YC
RT 132 (Henry St)	Lafayette St	RT 143	WM/YC
RT 132 Y	Colonial Pkwy	RT132 (Henry St)	WM
RT 134 (Hampton Hwy/Magruder Blvd)	RT 17	Hardy Cash Dr	HA/YC
RT 143 (Merrimac Trl)	Interstate 64 (Exit 247 W)	Interstate 64 (Exit 238)	JC
RT 189	E End of Blackwater Bridge	Sandy Crest Ln	SU
RT 199	Interstate 64 (Exit 234)	RT 5 (J Tyler Mem Hwy)	JC/YC
RT 199	RT 5 (J Tyler Mem Hwy)	RT 641 (Penniman Rd)	JC/WM/YC
RT 238 (Yorktown/Old Wmbg/Goosley)	RT 60 (Warwick Blvd)	Cook Rd (RT 704)	NN/YC
RT 258	RT 58 Bus (Carrsville Hwy)	RT 460	IW
RT 258	RT 460	RT 709 (Waterworks Rd)	IW
RT 258 Truck (Great Mill Hwy)	RT 58 Bus (Carrsville Hwy)	RT 58	IW/SU
RT 258/Main St	RT 709 (Waterworks Rd)	Church St (Bus 10/258)	SM
RT 460	Southampton CL	RT 258	IW
RT 460 (Windsor Blvd/Pruden Blvd)	RT 258	Godwin Blvd	IW/SU
RT 604 (Providence/Lake Prince)	Kings Fork Rd	RT 603 (Everets Rd)	SU
RT 641 (Penniman Rd)	RT 199	Colonial Pkwy	YC
Salem Rd	North Landing Rd	Princess Anne Rd	VB
Sandbridge Rd	Princess Anne Rd	Sandpiper Dr	VB
Saunders Rd	Harpersville Rd	Big Bethel Rd	HA

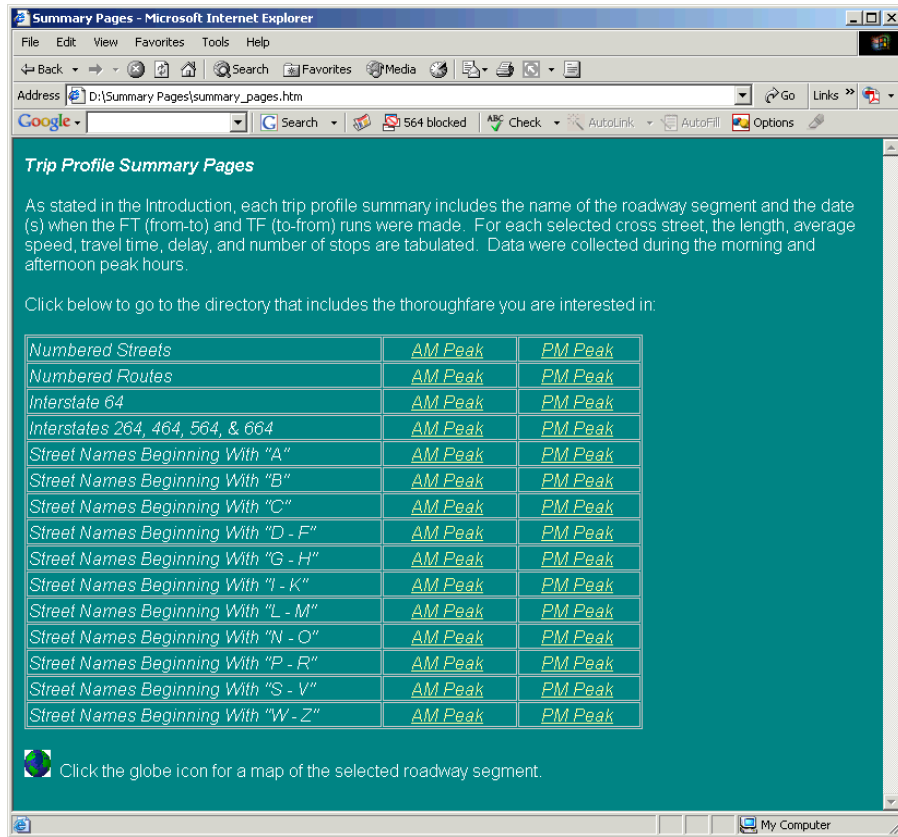
THOROUGHFARE	FROM	TO	JURISDICTION
Seaboard Rd	Princess Anne Rd (RT 149)	Princess Anne Rd (RT 615)	VB
Second St	Page St	Rt 143 (Merrimac Trl)	WM
Semple Farm Rd	Big Bethel Rd	Magruder Blvd	HA
Settlers Landing Rd	Pembroke Ave	Interstate 64	HA
Sewells Point Rd	Princess Anne Rd	Little Creek Rd	NO
Shore Dr	21 st Bay St	Great Neck Rd	NO/VB
Shore Dr	Great Neck Rd	Atlantic Ave	VB
Shoulders Hill Rd	Nansemond Pkwy	RT 17 (Bridge Rd)	SU
Smiths Neck Rd	Rescue Rd	RT 17	IW
St Pauls Blvd	Waterside Dr	Monticello Ave	NO
Suffolk Bypass (RT 58)	Holland Rd	RT 13/58/460	SU
Taylor Rd	Portsmouth Blvd	Pughsville Rd	CH
Thole St	Granby St	Tidewater Dr	NO
Tidewater Dr	Brambleton Ave	Ocean View Ave	NO
Titus Creek Dr	Smiths Neck Rd	Nike Park Rd	IW
Todd Ave/Warwick St	Country Way	Newport St (RT 1002)	IW
Todds Ln/Main St	Warwick Blvd	Mercury Blvd	HA/NN
Towne Point Rd	Churchland Blvd	Harbour View Blvd	CH/PR/SU
Turnpike Rd	Portsmouth Blvd	County St	PR
Twin Pines Rd	Towne Point Rd	Hedgerow Ln	PR
Tyre Neck Rd	Bruce Rd	West Norfolk Rd	CH/PR
Upton Dr	Nimmo Pkwy	Princess Anne Rd	VB
Victory Blvd	Interstate 64	Wythe Creek Rd	NN/PQ/YC
Victory Blvd	Portsmouth Blvd	Elm Ave	PR
Virginia Beach Blvd	Olney Rd	Military Hwy	NO
Virginia Beach Blvd	Military Hwy	Rosemont Rd	NO/VB
Virginia Beach Blvd	Rosemont Rd	Atlantic Ave	VB
Volvo Pkwy	Battlefield Blvd	Kempsville Rd	CH
Warwick Blvd	Yorktown Rd	Oyster Point Rd	NN
Warwick Blvd	Oyster Point Rd	71 st St	NN
Warwick Blvd (One-Way)	23 rd St	Huntington Ave	NN
Washington St (CONST)	Constance Rd	Portsmouth Blvd	SU
Waterside Dr/Boush St	Interstate 264 Ramp	Brambleton Ave	NO
Wesleyan Dr	Northampton Blvd	Haygood Rd	NO/VB
West Norfolk Rd	Churchland Blvd	Western Fwy	PR
Western Fwy	RT 17 (Bridge Rd)	Pinners Point Interchange	PR/SU
Western Branch Blvd	Churchland Blvd	Tyre Neck Rd	CH/PR
Whaleyville Blvd	NC State Line	Carolina Rd	SU
Willow Wood Dr	Granby St	Tidewater Dr	NO
Wilroy Rd	Constance Rd	Nansemond Pkwy	SU
Wilson Rd/22 nd St	Liberty St	Campostella Rd	CH/NO
Witchduck Rd/ Pembroke Blvd	Princess Anne Rd	Independence Blvd	VB
Woodland Rd	Interstate 64	Foxhill Rd	HA
Wythe Creek Rd	Commander Shepard Blvd	Yorktown Rd	HA
York St	Page St	Quarterpath Rd	WM
Yorktown Rd	Victory Blvd	Wythe Creek Rd	PQ

NOTES:

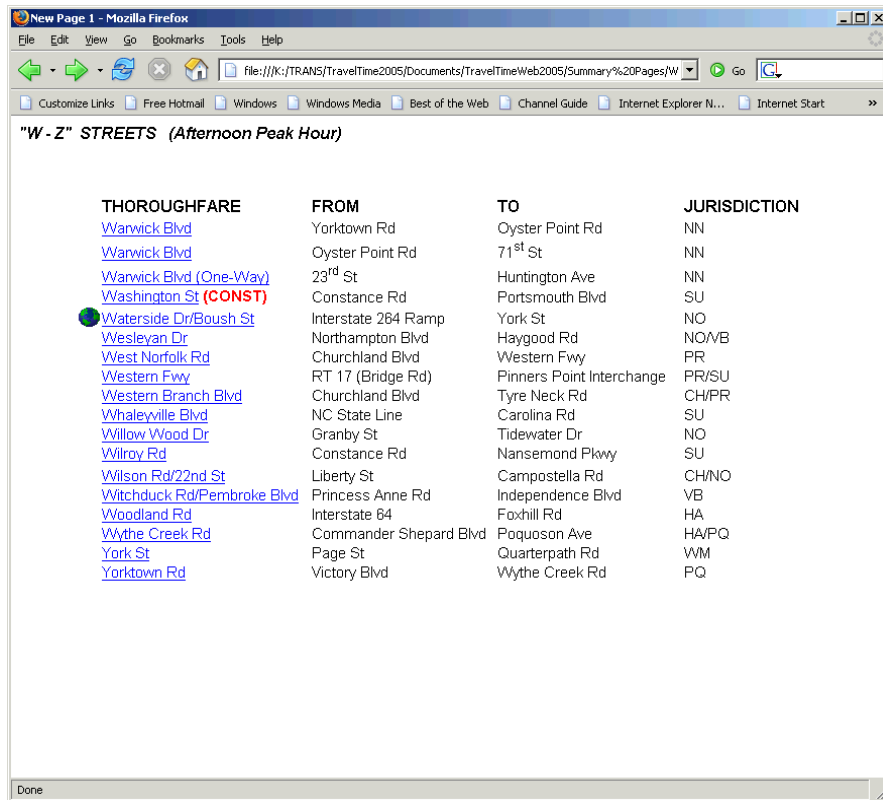
CLOSED – Road was closed to traffic during the data collection period.

CONST – Road was under construction during the data collection period.

Trip Profile Summary Tables – From this page the user may access a Trip Profile Summary based on the peak period and street name or route number. By selecting one of the hyperlinked peak periods the user will be directed to a list of roads.



To view a trip profile summary, click on one of the hyperlinked roads in the list.



WATERSIDE DR/BOUSH ST
PM Peak Travel Period

FT Date: 11/29/05
TF Date: 11/29/05

FROM - TO	SEGMENT LENGTH (Miles)	AVERAGE SPEED (MPH)		TRAVEL TIME (Seconds)		DELAY (Seconds)		STOPS	
		(FT)	(TF)	(FT)	(TF)	(FT)	(TF)	(FT)	(TF)
01. I-264 RAMP - ST PAULS BLVD	0.13	7.5	34.7	63	14	46	0	1.0	0.0
02. ST PAULS BLVD - BOUSH ST	0.36	30.0	12.6	44	104	0	60	0.0	1.0
03. WATERSIDE DR - MAIN ST	0.06	5.5	28.7	37	7	25	0	1.0	0.0
04. MAIN ST - PLUME ST	0.06	20.7	30.1	11	8	0	0	0.0	0.0
05. PLUME ST - CITY HALL AVE	0.05	21.1	25.7	9	7	0	0	0.0	0.0
06. CITY HALL AVE - TAZEWELL ST	0.09	27.7	25.2	11	13	0	0	0.0	0.0
07. TAZEWELL ST - YORK ST	0.32	14.6	23.1	78	50	36	7	1.0	1.0
08. YORK ST - BRAMBLETON AVE	0.04	5.6	14.4	25	10	19	0	1.0	0.0
Summary:	1.11	14.4	18.9	278	212	126	67	4.0	2.0

TRIP PROFILE SUMMARY STRUCTURE

Each trip profile summary page includes the segment name, peak hour, and the dates when the FT (from-to) and TF (to-from) runs were made. For each selected cross street, the Length, Average Speed, Travel Time, Delay, and Number of Stops is shown. Some of these items require a more detailed description:

Average Speed

The Average Speed is computed by dividing the Length by the Travel Time and converting the resulting value into miles per hour (mph).

Travel Time


The Travel Time is the elapsed time for going from one cross street to the next. Travel Time is displayed in seconds.

Delay and Stops

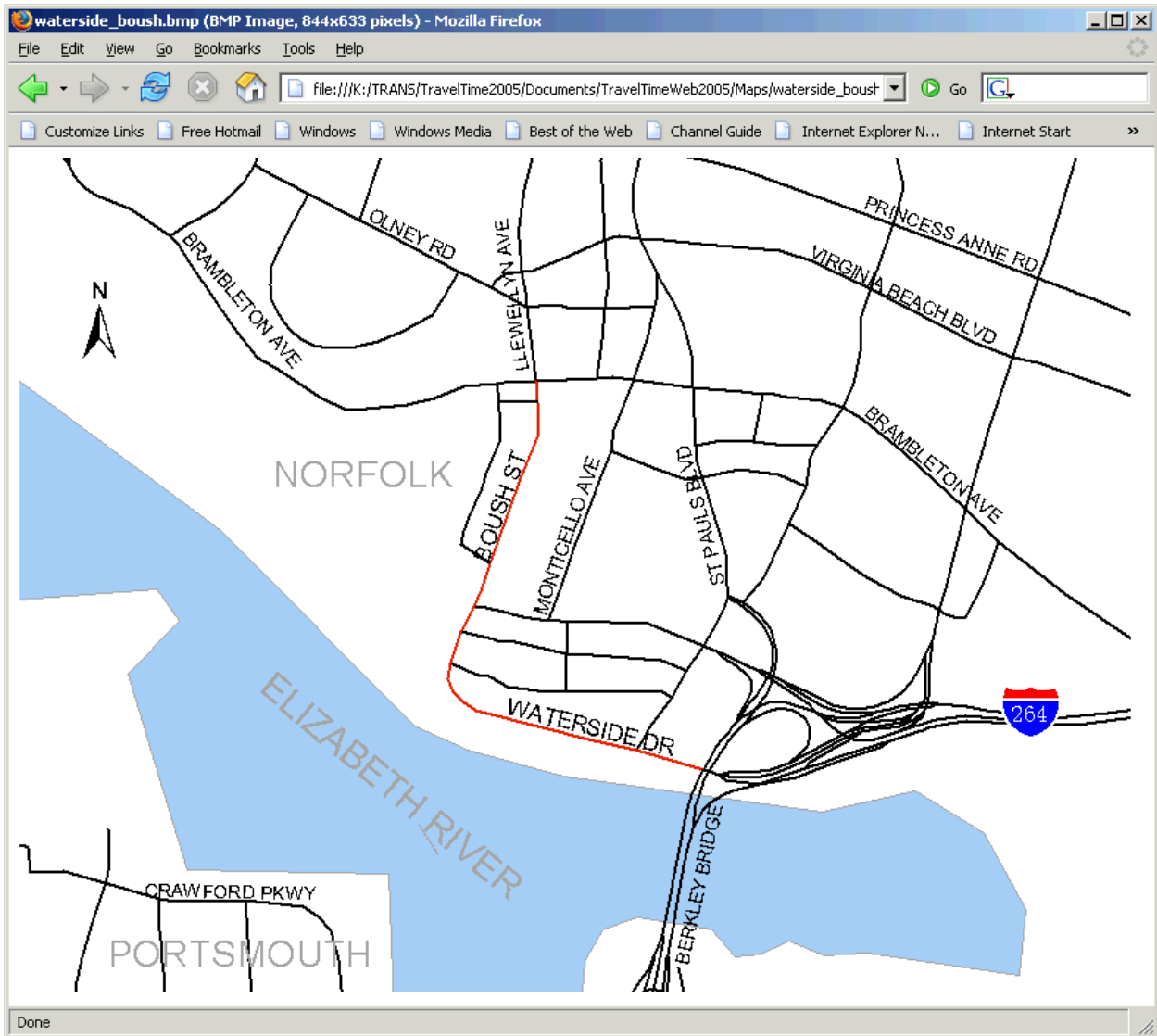
For the purpose of this study, Delay was computed from the time vehicle speed dropped below 5 mph to the moment it exceeded 15 mph. Once the speed dropped below 5 mph, one Stop was declared. The same Stop was in effect until the speed exceeded 15 mph. Delay time accumulated during each Stop condition. The majority of delay time is attributed to the vehicle stopping at signalized intersections, although some Delay occurred if the vehicle had to drop below 5 mph due to turning vehicles or as a result of heavy congestion (stop-and-go conditions).

It should be noted that this definition of delay is not applicable to interstates and expressways.

ROUTE MAPS

A globe icon  next to a street name provides a link to a map of the selected route. Such maps have been included for routes that may be difficult for the user to locate. This is particularly helpful in some of the rural jurisdictions where the road may not be familiar to the user. It also assists the user in determining where road names change on routes with multiple names.

Below is an example of a route map.



CHANGES TO THE TRAVEL TIME NETWORK

At the beginning of each Hampton Roads Travel Time study, the road network is reviewed and updated. New roads, or those with significant changes, are added to the network. For this study new roads include:

- The section of Hampton Roads Center Parkway from Big Bethel Road to Harpersville Road
- Moses Grandy Trail in Chesapeake
- Pinner's Point Interchange
- Nimmo Parkway & Upton Dr
- Route 258 Truck (Great Mill Hwy)
- Monticello Ave—James City County

Significant road improvements include:

- The realignment and widening of Route 17/George Washington Highway from the southern end of Dominion Boulevard to the North Carolina state line
- The realignment of the north end of London Bridge Road and Oceana Blvd

In addition, the road network in Isle of Wight was expanded and now contains Smith Neck Road, Rescue Road, Nike Park Road, and Todds Avenue/Warwick Street.

Data could not be collected on the following routes:

- Kings Highway in Suffolk, due to the closure of the Kings Highway Bridge
- Norfolk Avenue in Virginia Beach, due to construction
- Washington Street in Suffolk, due to construction