

S.R. 22 Capacity Upgrades

The Pennsylvania Department of Transportation has undertaken a multi-phase, multi-year effort to upgrade capacity and improve safety along U.S. Route 22 in Westmoreland County (see <http://www.renew22.com/> for current status). Improvements include widening to provide 4 travel lanes (2 in each direction), traffic signal upgrades, and median dividers to control access. Median openings and turn lanes are provided at intersections. Jug handles are also incorporated as a traffic and access control measure.



S.R. 22 B01 following construction

Section B04 of this project (which includes subsections B01 & B02) generally corresponds to SPC's CMP Corridor #91. Travel time runs were performed in this corridor in 1997 prior to construction of B01 & B02. Travel time runs were also performed in Spring 2005 following the completion of B01 and at the commencement of construction of B02. The following table illustrates the decreased travel times and improved speed data between these two periods.

	Eastbound 1997	Eastbound 2005	Change	Westbound 1997	Westbound 2005	Change
AM Travel Time (min)	17.9	16.7	6.7% reduction	18.6	19.1	2.7% increase*
AM Avg Speed (mph)	33.7	37.3	10.7% increase	32.5	33.7	3.7% increase
PM Travel Time (min)	27.1	22.7	16.2% reduction	22.7	17.7	22.0% reduction
PM Avg Speed (mph)	22.3	26.5	18.8% increase	26.5	35.6	34.3% increase

*The increased WB travel time during the AM peak could be due to general fluctuations in traffic volumes, traffic signal timing changes, or other factors.

Additional travel time runs will be performed once B02 is complete. Based on the data above, it is anticipated that this project will provide additional congestion reduction benefits in this corridor.