

Draft Pioneer Valley Region Bottlenecks - AM Peak 2019

| AM Rank | Municipality | Location | AM TTI | Approach Direction - Comment |
|---------|--------------|---|--------|---|
| 1 | Westfield | Route 10/202 @ I-90 exit 3 - SB South of exit | 4.86 | Southbound on 10/202 and Exit 3 Ramp Eastbound (4 segments) |
| 2 | Springfield | White St @ Route 83 | 4.50 | Southbound |
| 3 | Chicopee | Montgomery St @ Granby Rd | 3.98 | Northbound |
| 4 | Springfield | Roosevelt Ave @ Wilbraham | 3.97 | Southbound |
| 5 | Chicopee | Center St @ Hampden St - NB | 3.89 | Northbound |
| 6 | Chicopee | Church St from Grove St to Broadway | 3.25 | Northbound to Broadway (3 segments) |
| 7 | Agawam | Silver St E/O Suffield St | 3.22 | Northbound |
| 8 | Springfield | Robbins Rd @ Page Blvd | 3.00 | Northbound |
| 9 | Southwick | South Longyard Rd @ Fowler Road | 2.91 | Eastbound |
| 9 | Springfield | Plainfield cut through to Main street | 2.91 | Northbound |
| 10 | Holyoke | Main St @i-391 exit 5 | 2.89 | Northbound |
| 11 | Springfield | Parker St N/O Wilbraham Rd | 2.83 | Northbound/Southbound (2 segments) |
| 12 | Springfield | Cooley St @ Allen St | 2.81 | Southbound |
| 13 | Palmer | Lawrence St from Shearer to Route 32 | 2.78 | Eastbound (2 segments) |
| 14 | Chicopee | I-90 Exit 5 @ Memorial | 2.75 | Eastbound |
| 15 | Springfield | Fort Pleasant Ave @ Locust St | 2.67 | Northbound |
| 16 | Springfield | Alden St @ Roosevelt Ave | 2.65 | TIP Project FFY 2016 need to verify (3 segments, starting W/O intersection including segment E/O int) Eastbound |
| 17 | Springfield | Carew St @ St James | 2.60 | Southbound |

Data from RITIS XD - 2019 Year average by XD segment 7-9AM

Tavel Time Index (TTI) - calculated using RITIS Reference speed compared to average peak hour speed for each XD segment

Draft Pioneer Valley Region Bottlenecks - PM Peak 201 9

| PM Rank | Municipality | Location | PM TTI | Approach Direction - Comment |
|---------|------------------------------|--|--------|--|
| 1 | Holyoke | Homestead @ Lower Westfield Rd SB | 7.50 | TIP Project complete - Southbound |
| 2 | Longmeadow | Dwight @ converse SB | 6.75 | TIP Project completed 2019 - Southbound |
| 2 | East Longmeadow / Longmeadow | Dwight @ Williams / Maple SB | 6.75 | Southbound |
| 3 | East Longmeadow | Maple @ Shaker EB (Rotary) Shaker Road - NB at Maple St (Rotary) | 5.75 | Eastbound/Northbound |
| 4 | Chicopee | I-90 Exit 5 @ Memorial EB | 5.50 | Eastbound |
| 5 | Springfield | Parker @ Boston Rd | 4.86 | Southbound (4 segments) |
| 6 | Westfield | Route 10/202 south of Exit 3 SB | 4.71 | Southbound (2 segments starting north of exit) |
| 7 | Amherst | S East St @ Main St NB | 4.50 | Southbound / Northbound (2 segments) |
| 7 | Springfield | White @ Route 83 SB | 4.50 | Southbound |
| 8 | Chicopee | i-90 exit 6 @ I-290/Burnett Rd | 4.43 | |
| 9 | Northampton | N King St - SB North of Bridge Rd | 4.40 | Up coming TIP project - Southbound |
| 10 | Palmer | Sykes St @ Wilbraham St SB | 4.33 | Southbound |
| 11 | Wilbraham | Main Street from Maple to Boston Rd | 4.30 | Northbound/Southbound (2 segments) |
| 12 | Agawam | South Westfield Rd - NB @ Shoemaker Ln | 4.29 | Northbound |
| 13 | Longmeadow | Lourel St - SB North of Converse St (Benedict Tr) | 4.14 | Southbound |
| 13 | Easthampton | Pleasant St - WB at Route 141 (Rotary) | 4.14 | Westbound |
| 13 | East Longmeadow | Shaker Road - NB at Maple St (Rotary) | 4.14 | Northbound (2 segments) |
| 14 | Springfield | Oak St - NB @ St James/Bay/Magazine | 4.00 | Northbound |
| 15 | Amherst | S East St @ Route 9 - SB | 3.88 | Southbound |
| 16 | Springfield | Harvey St @ Boston Rd - SB | 3.80 | Southbound |
| 17 | Amherst | Main St @ Boltwood @ Pleasant St- WB | 3.71 | Westbound (2 segments) |
| 17 | Chicopee | McKinstry Ave West of Meadow - WB | 3.71 | Westbound |
| 18 | Springfield | St James Ave @ Taple - SB | 3.67 | Southbound |
| 18 | Springfield | Allen st @ Island Pond - WB | 3.67 | Westbound |
| 19 | Chicopee | Front St @ Grape St - EB | 3.57 | Eastbound (3 segments) |

Draft Pioneer Valley Region Bottlenecks - PM Peak 201 9

| PM Rank | Municipality | Location | PM TTI | Approach Direction - Comment |
|---------|-----------------------|---|--------|--|
| 19 | Chicopee | Front St @ Grove St - EB | 3.57 | |
| 19 | Northampton | Conz St from Fulton Ave to Route 5 - SB | 3.57 | TIP Project complete Southbound (2 segments) |
| 19 | Springfield | Parker St @ Boston Rd | 3.57 | Northbound (4 segments) |
| 20 | Springfield | Carew St North of St James (Beaven St) | 3.50 | Southbound |
| 21 | Springfield | Parks St @ Wilbrahm Rd | 3.44 | Southbound |
| 22 | Amherst | Main St - East Dr to Triangle St | 3.43 | Eastbound |
| 22 | Palmer / Three Rivers | Fuller Rd South of Pine St | 3.43 | Southbound |

Data from RITIS XD - 2019 Year average by XD segment 4-6PM

Tavel Time Index (TTI) - calculated using RITIS Reference speed compared to average peak hour speed for each XD segment