

2022 Bottleneck Summary

Westfield-I-90 Exit 41 On Ramp @ Industrial Park Road



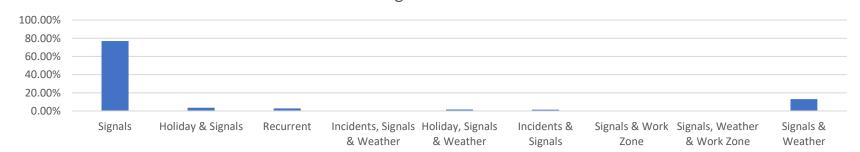




Roadway Operating Observation's

Industrial Park Road and Friendly's Way(jug handle) experience significant backups during evening commute times. As can be seen in the graph below this is mostly (78%) due to intersection capacity. The Level of Travel Time Reliability (LOTTR) was measured at 1.5. According to the Federal Highway Administration (FHWA) an LOTTR of 1.5 or greater is considered unreliable. For additional information regarding congestion measures please refer to Chapter 8 of the 2024 Regional Transportation Plan. Exit 41 routinely backs up onto Interstate I-90 westbound during the evening peak hours. It was noted during the field visit that the triangle island observed in the image above has been removed. Staff will need to verify if additional changes are being made to this location.

Congestion Causes



Delay Breakdown - 2022

Delay: 2.74 TTI, 1.39 LOTTR

Vehicle Miles Traveled: 1,119,469 miles

Vehicle Miles Traveled: 1,007,522 miles

(Passenger)

Vehicle Miles Traveled: 111,947 miles

(Commercial)

/ Profile

AADT – 6,888 (2022) Industrial Park Road
10,593 (2022) Friendly's Way W/O Industrial PK
Sidewalks - Located on south side of Route 10/202

Bike Lanes - Not observed

Cross Walks – Located on south side of Route 10/202

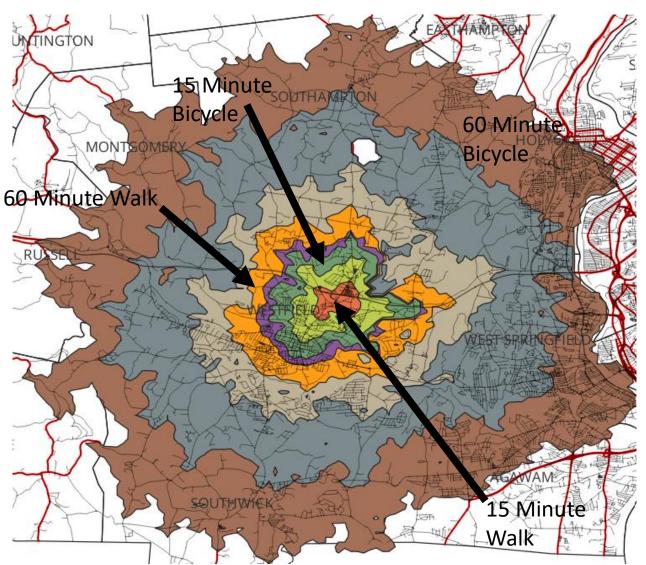


2022 Bottleneck Summary

Westfield- I-90 Exit 41 On Ramp @ Industrial Park Road



Bicycle and Pedestrian Observation's



Safety Compass





Although this location is not on of the top crash locations in the 2017-2019 Safety Compass, a non motorist related crashes as well as multiple motor vehicle crashes were observed near this location. Click Here to view most recent Safety Compass.

Pedestrian and Bicycle

Sidewalks and painted bike lanes are located on both the north the south side of Main Street, button actuated pedestrian signals are available at all approaches to the intersection. As part of project 605222, the Main Street corridor was upgraded to modernize the corridor to meet current needs. These needs included pedestrian signals as well as bicycle lanes along the Main Street corridor.

TIP Project Information

Project #: 608487 FFY Year: 2027 Cost: \$8,629,346 TEC Score: 31.5 Description: WESTFIELD- RESURFACING AND RELATED WORK ON ROUTE 10 AND 202 INCLUDING SHARE USE PATH AND PEDESTRIAN UPGRADES

Project #: NA FFY Year: NA Cost: TBD TEC Score: NA Description: I-90 INTERCHANGE 41 IMPROVMENTS

Data provided by **RITIS**