Pathways to the Future
TRANSPORTATION

Technical Report D:
Congestion Management Process Report

Long Range Transportation Plan 2050



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TITLE

Congestion Management Process Report

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ABSTRACT

The Richmond Regional Transportation Planning Organization (RRTPO) is in the process of updating the regional Long-Range Transportation Plan (LRTP) to the horizon year 2050. This LRTP has been branded as Pathways to the Future: Transportation 2050. As part of this process and in keeping with federal regulations, RRTPO staff is continually leading the Congestion Management Process (CMP) as congestion issues, data sources, strategies, goals and objectives change over time. Performance measures reported through the CMP are foundational in making recommendations for improvement to the region's highway system.

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ACKNOWLEDGEMENT

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Introduction

The **Congestion Management Process (CMP)** is a critical component of transportation planning for the Richmond region, aimed at identifying, monitoring, and mitigating congestion in a systematic and data-driven manner. The goal of the CMP is to ensure that the transportation network operates efficiently, minimizing delays and improving overall mobility, especially during peak travel times. This report provides an in-depth analysis of traffic congestion patterns, key intersections, and road segments that experience significant delays, with a particular focus on peak periods such as the morning (6 AM to 10 AM) and evening (4 PM to 8 PM) hours.

By utilizing data on traffic volumes, travel times, and performance metrics such as the Planning Time Index (PTI) and Level of Travel Time Reliability (LTTR), this CMP report identifies areas within the region where congestion is most problematic. These areas are then examined in the context of congestion contributing factors such as high traffic volumes, inefficient road designs, proximity to urban or commercial centers, and external factors such as construction or incidents. The report also discusses potential strategies to alleviate congestion, including improvements to traffic signal systems, infrastructure upgrades, and the promotion of alternative transportation modes.

This CMP report serves as a foundational tool for decision-makers, transportation planners, and stakeholders in the Richmond region, providing insights and recommendations to improve travel reliability, reduce delays, and enhance the overall efficiency of the regional transportation system.

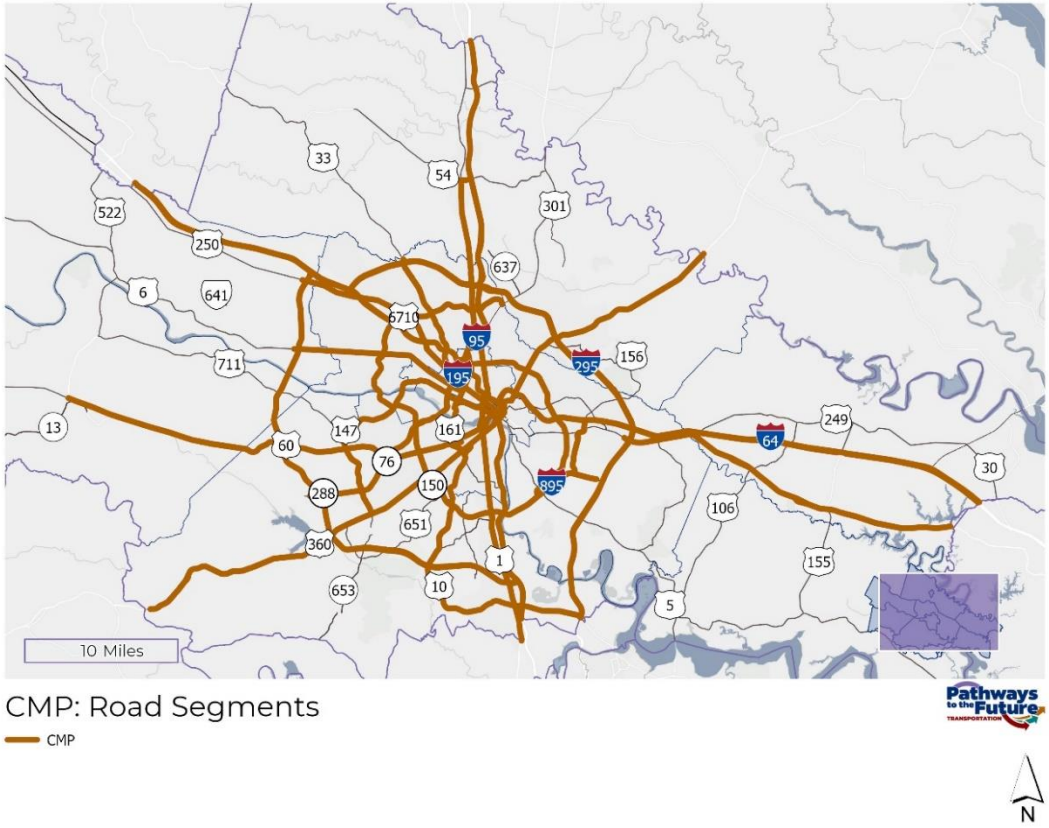
The Richmond Region

Current Traffic: Traffic in the Richmond region is typically light compared to other areas in the state of Virginia.

Proactive Planning: We are taking steps now to manage and prevent future traffic congestion as the region grows.

Goal: To maintain smooth and efficient transportation in the future.

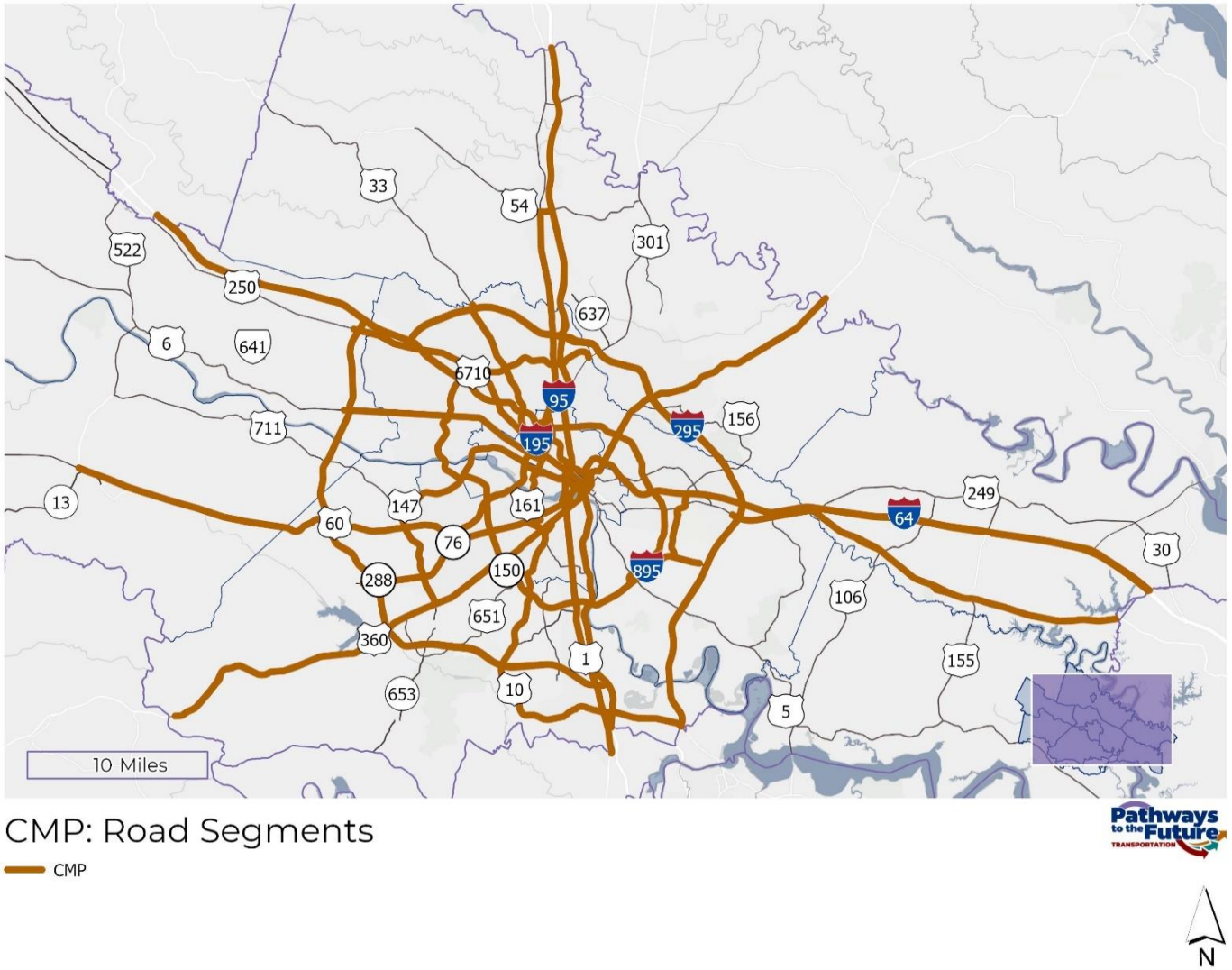
Exhibit 1: Richmond Region



The Data

For the Congestion Management Plan (CMP), only specific roads are included based on criteria such as their importance to traffic flow, regional connectivity, or environmental impact. The CMP focuses on these key Routes to ensure effective management and improvements, rather than covering every road in the area. This targeted approach helps address the most critical transportation needs and optimize planning efforts.

Exhibit 2: Richmond Region CMP Network



Bottlenecks

Bottlenecks are areas within the transportation network where vehicular traffic exceeds road capacity, resulting in congestion, delays, and slower movement of vehicles. Typical causes of bottlenecks include infrastructure limitations, ongoing road construction, lack of resilience to extreme weather, and inadequate traffic signal timing.

Common examples of traffic bottlenecks include:

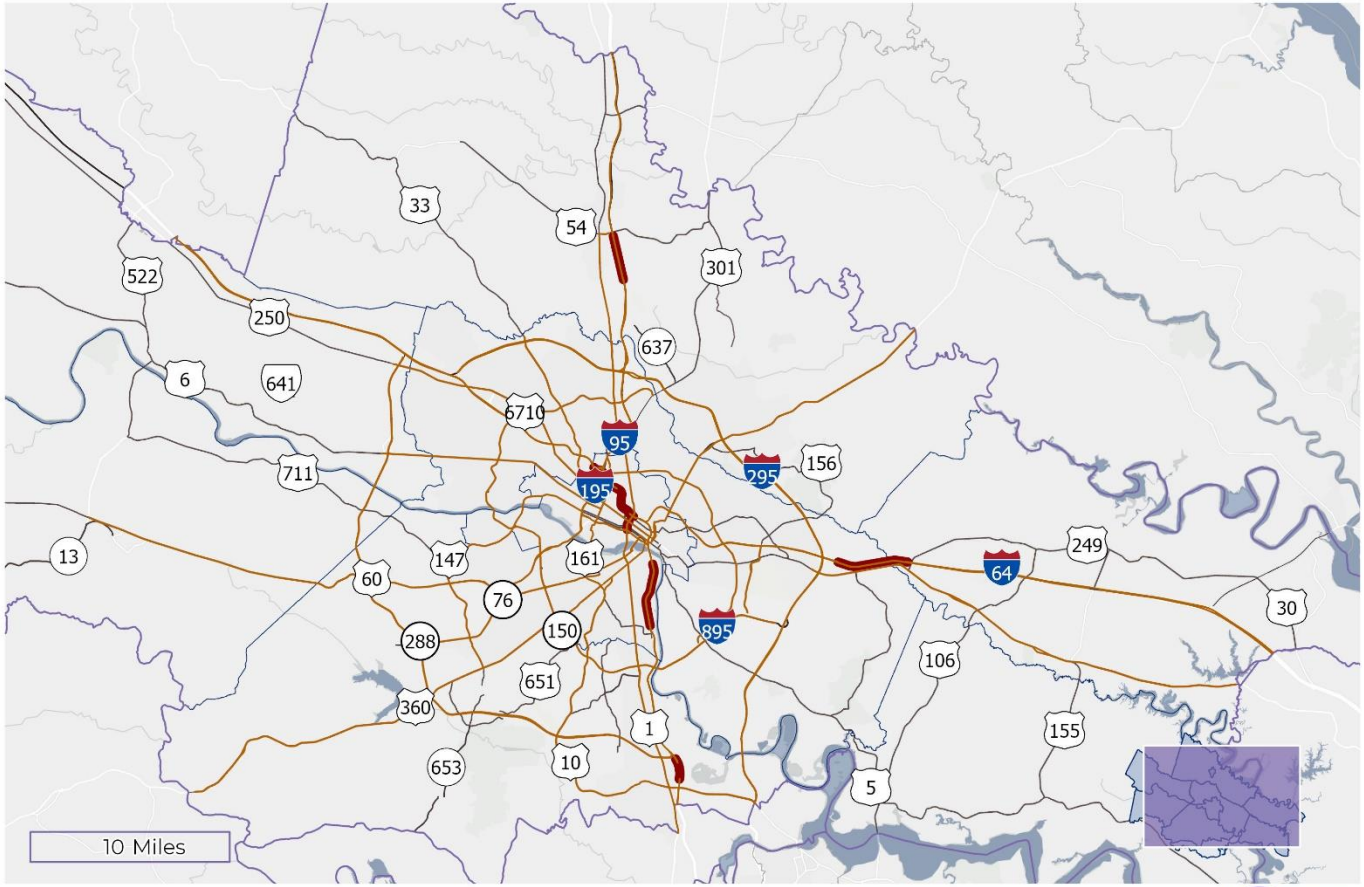
- Busy Intersections: Where multiple roads meet, and cars have to wait to get through.
- Narrow Lanes: Sections of the road that are too narrow for the number of vehicles using them.
- Highway On-Ramps: Where cars merge onto a highway and create a backup.

Fixing bottlenecks usually involves making changes such as improving traffic light timing, using technology to better manage the flow of traffic, and in cases where other solutions are not managing the problem, adding lanes. The goal is to make these trouble spots work more smoothly so that everyone can get to where they're going faster and with less frustration.

The top bottlenecks in Richmond, VA, including locations such asI-95 & England Street, I-64 & Laburnum Avenue, and I-95 near Commerce Road, are mainly caused by a combination of heavy traffic volume, complex intersections, and outdated infrastructure that struggles to handle modern traffic flow. Highways such asI-95 and I-64 are major regional Routes, funneling both local and through traffic, often leading to congestion, especially during peak hours. Intersections with limited lanes, short merging areas, and frequent signal stops contribute to slowdowns. Additionally, the intersections are often in close proximity to commercial areas and residential neighborhoods, further exacerbating the flow of vehicles.

Evaluation Metric: The top 10 worst bottlenecks in the region are added to the list, which is used in the scoring process.

Exhibit 3: Richmond Region Bottlenecks



Congestion

The Congestion level is a straightforward metric that indicates how traffic conditions may impact your travel experience. It assesses the degree of congestion by comparing actual travel speeds to optimal speeds under ideal conditions.

Mild congestion (current speed is 70-89% of expected speed).
Moderate congestion (current speed is 50-69% of expected speed).
Severe congestion (current speed is below 50% of expected speed).
Extremely severe congestion (current speed is extremely low, close to a complete stop).

Congestion AM

The congestion level from 6 AM to 10 AM has an average of 92.26 and a median of 96.54. This indicates mild congestion overall, while the median suggests that many instances experience low to no congestion, reflecting relatively efficient traffic conditions during this time.

The low congestion scores in areas such as the intersection of SR 288 and US 60, Route 1 and SR 10, US 60 and SR 33, 66 and S Laburnum, I-64 near Whitcomb, Fairfield and Oliver Hill Way, N 14 St. and US 60, I-195 and SR 146, on River near the Country Club of Virginia, SR 73 and SR 6, Broad Street and Glenside Drive, and SR 73 and SR 33 indicate moderate slowdowns. These moderate slowdowns are due to a combination of factors: high-capacity roads such as SR 288 and I-64 with efficient traffic management and well-designed intersections, lighter commuter traffic in suburban or residential areas, and the spread of vehicles across alternate Routes. Additionally, there is limited commercial traffic and fewer major events affecting these locations, allowing for steady traffic flow with manageable delays rather than severe congestion.

Congestion PM

The congestion level from 4 PM to 8 PM in Richmond, Virginia, has an average score of 90.04 and a median of 95.1, indicating generally moderate traffic conditions with periods of relatively low congestion. However, heavy congestion is observed at key intersections such as SR 288 and US 60, US 60 and SR 147, US 360 and Courthouse Road, and I-95 and 5th Street. Several factors contribute to this congestion, including high traffic volumes on major commuter routes such asSR 288, US 60, and I 95. Many of these intersections are located in or near densely populated urban and commercial areas, which attract both commuter and commercial traffic, leading to higher vehicle concentrations. Additionally, limited road capacity, inefficient intersection designs, and complex interchanges cause bottlenecks.

These routes' proximity to key landmarks, such as schools, shopping centers, and government buildings, increases localized traffic. Areas near public transit hubs or with higher pedestrian traffic, such as Three Chopt and Cary Street, also experience slowdowns due to competing modes of transport. Furthermore, construction and roadwork at some locations further reduce lane capacity, contributing to delays. All these factors combined result in significant congestion, especially during the 4 PM to 8 PM period, highlighting the need for targeted improvements to enhance traffic flow.

Exhibit 4: AM Roadway Congestion

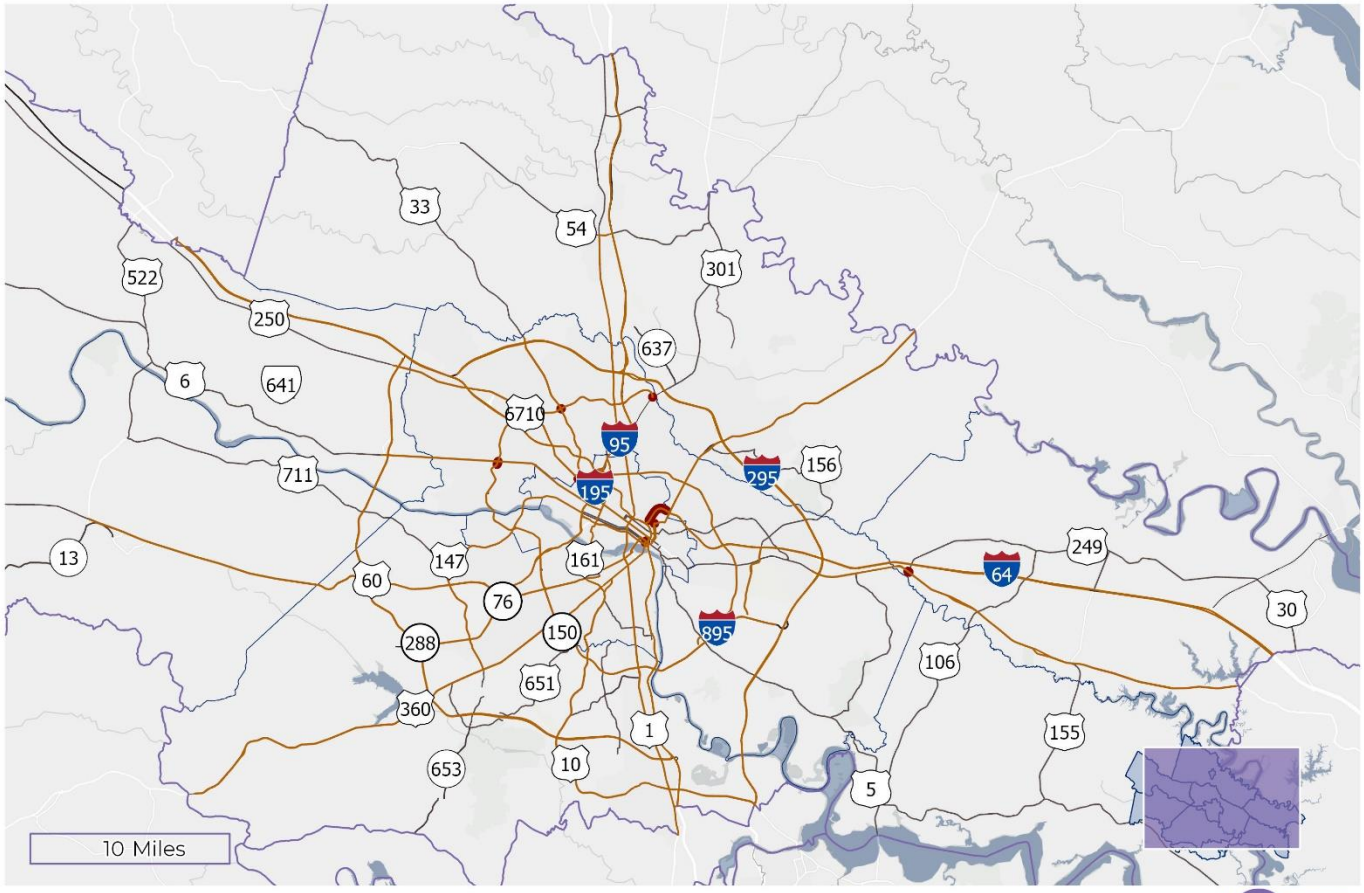
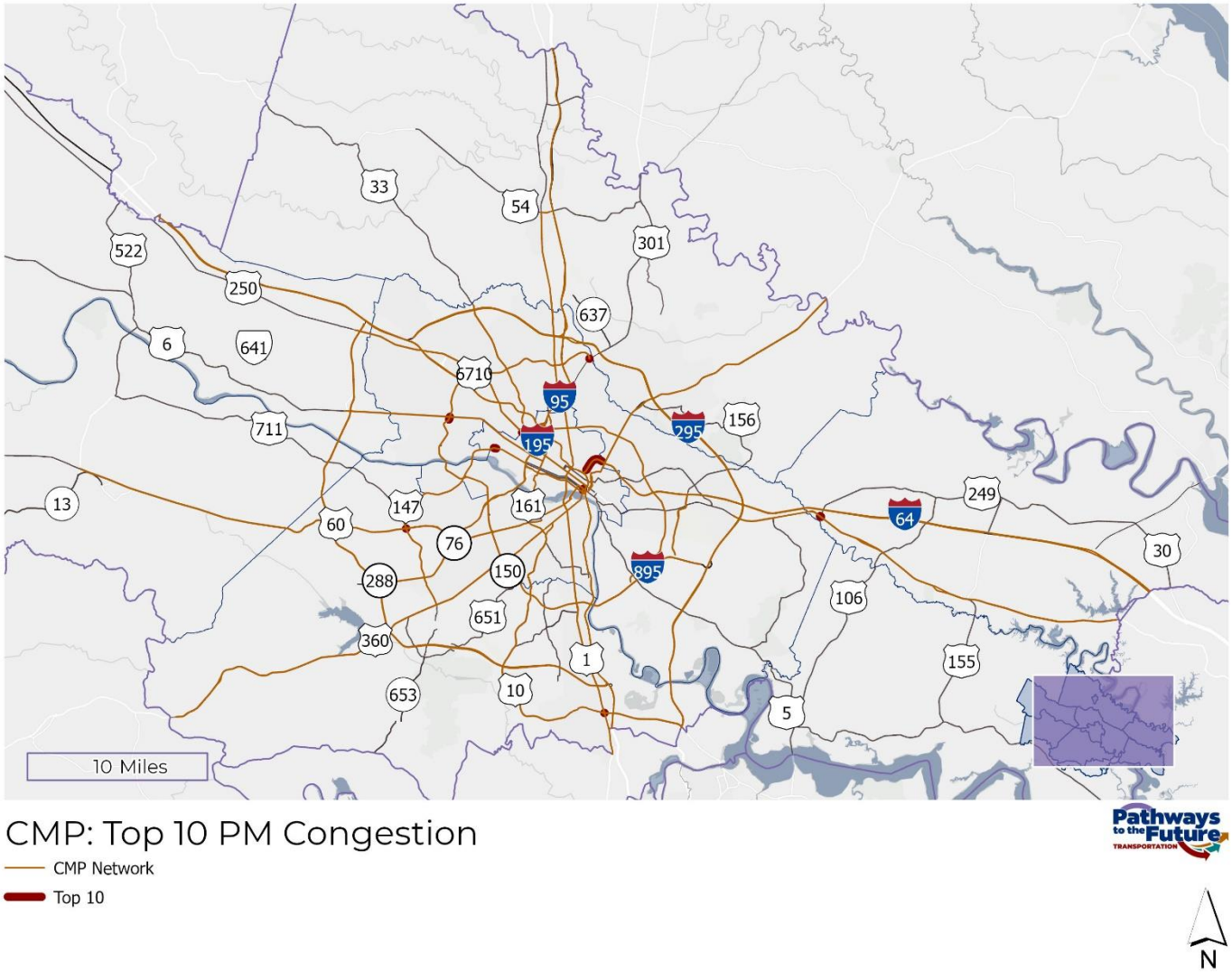


Exhibit 5: PM Roadway Congestion



Speed

Speed is a vital metric in a CMP because it provides insights into traffic flow, performance, safety, and infrastructure needs. By analyzing speed data, transportation planners can make informed decisions to improve traffic conditions, enhance safety, and ensure a more efficient and reliable transportation system.

Normal Speed: 90-100% of expected speed.

Moderate Slowdown: 70-90% of expected speed.

Heavy Congestion: 50-70% of expected speed.

Severe Congestion: Below 50% of expected speed.

Comparative Speed AM

The overwhelming majority of Comparative Speed from 6 AM to 10 AM is above the average of 95.8, indicating that traffic speeds during this period are generally higher than typical levels, suggesting efficient travel conditions.

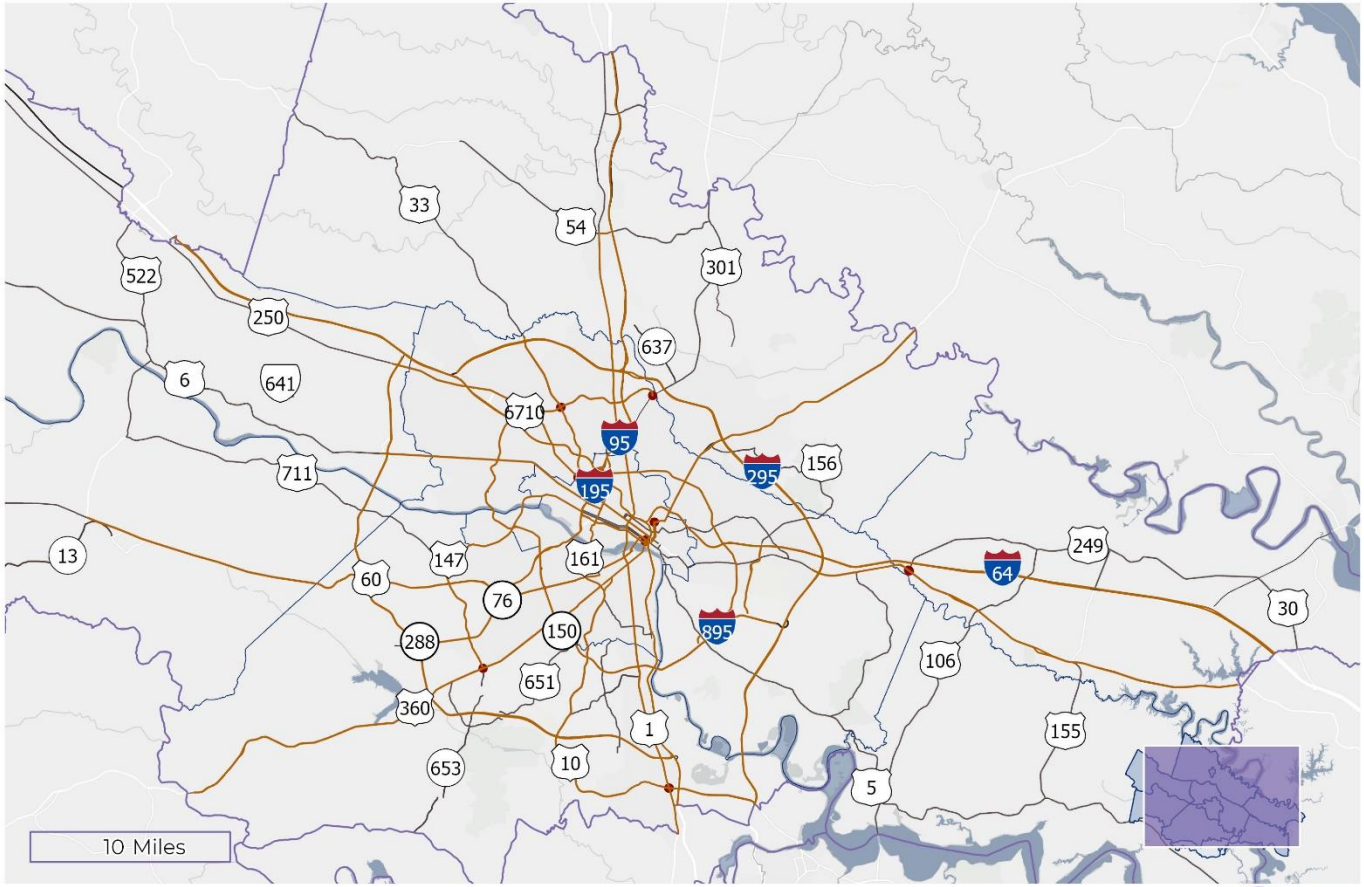
The intersections listed with scores below 75 between 6 AM and 10 AM likely experience congestion due to a combination of factors. High traffic volumes during peak commute hours, especially near key corridors such as US 60 and SR 288, US 360 and Courthouse Road, and SR 147 and Robious Road, may contribute to bottlenecks and slower travel times. Traffic signal inefficiencies or outdated signal timings at certain intersections can exacerbate delays, especially when signals are not optimized to handle varying traffic loads. Additionally, the proximity of commercial and residential areas may increase turning movements and access points, further complicating traffic flow. Certain intersections might also be impacted by road design issues, such as narrow lanes, insufficient turning radii, or outdated infrastructure that cannot accommodate modern traffic demands. Lastly, incidents, construction, or seasonal factors such as inclement weather may have compounded congestion during the analysis period. Addressing these issues will require a detailed review of traffic patterns, signal operations, and infrastructure to identify tailored solutions for each intersection.

Comparative Speed PM

The Comparative Speed from 4 PM to 8 PM ranges from 96.88 to 100, indicating that traffic speeds during this period are relatively stable and close to average, reflecting consistent travel conditions.

While the overall travel conditions remain consistent, major intersections such as US 60 and SR 288, Robious Road and SR 147, and Courthouse and US 360, may experience higher levels of congestion during the 4 PM to 8 PM window. The 4 PM to 8 PM timeframe typically coincides with the end of the workday and can lead to high traffic volumes, particularly at the aforementioned intersections. These areas may experience significant commuter traffic, as well as high levels of activity from nearby commercial, retail, and residential areas. Congestion can also be exacerbated by inefficient signal timing or outdated traffic management systems that don't adjust to the increased volume of vehicles in the evening. Intersections such as S Laburnum and Darbytown Road, and S Laburnum and US 60, are likely impacted by both through traffic and turning movements that slow down flow. Furthermore, some intersections may face challenges from road design limitations, such as narrow lanes, poor lane configurations, or limited capacity to accommodate the heavy traffic during this time period. Road incidents, construction activities, or temporary closures can also contribute to delays during this peak window. Addressing these intersections through targeted infrastructure improvements, signal optimization, and traffic management strategies can help mitigate congestion and improve travel times.

Exhibit 6: AM Comparative Speeds



CMP: Top 10 AM Comparative Speeds

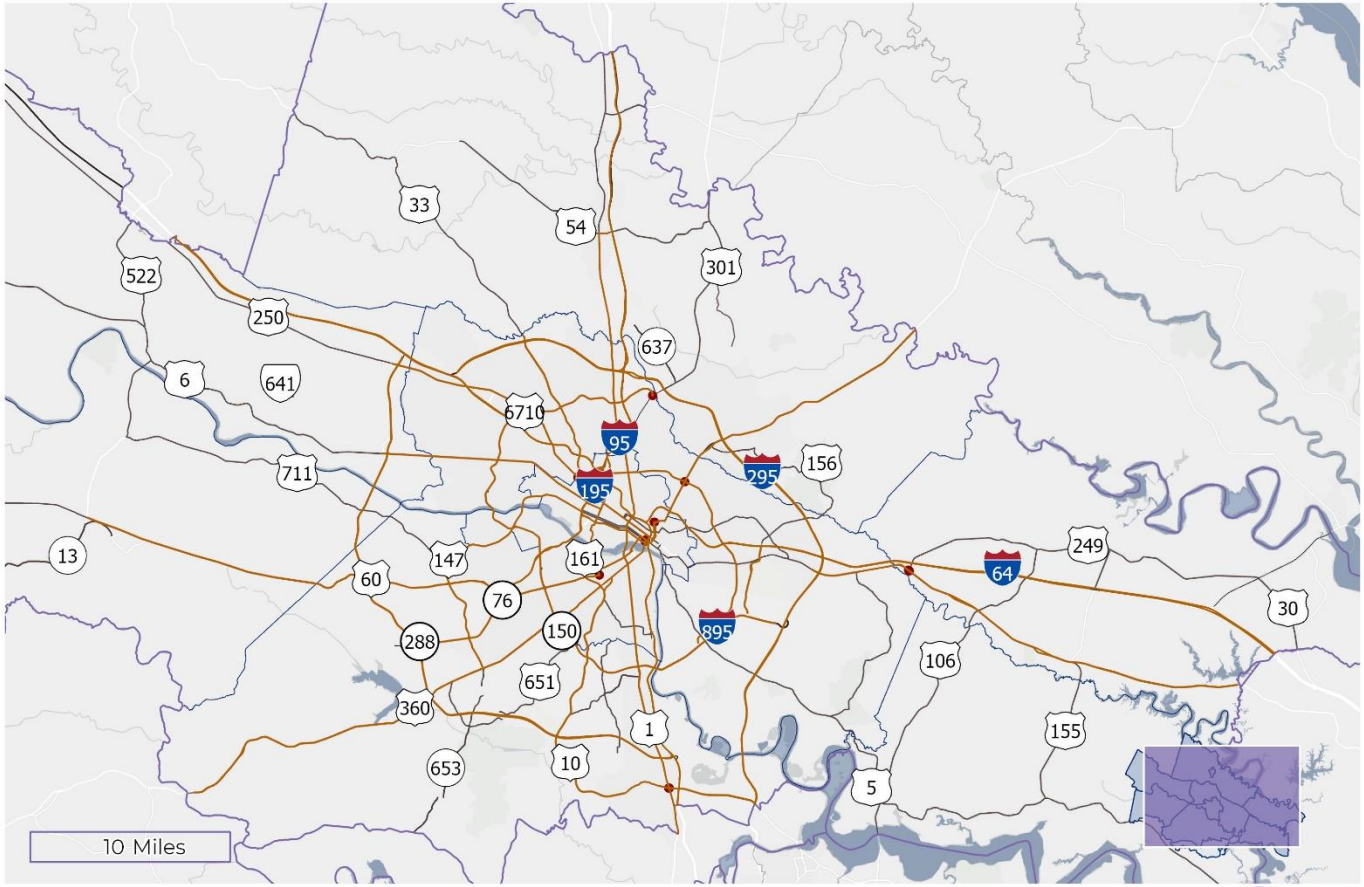
CMP Network

Top 10

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Exhibit 7: PM Comparative Speeds



CMP: Top 10 PM Comparative Speeds

CMP Network

Top 10

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Time Metrics in Transportation Planning

1. Time Travel Index (TTI)

The Time Travel Index (TTI) measures the level of congestion or delay experienced on a roadway compared to free-flow (uncongested) travel conditions. It is used to quantify how much longer trips take due to congestion.

- Formula:

$$TTI = \frac{\text{Average Travel Time}}{\text{Free-Flow Travel Time}}$$

- Interpretation:
  - A TTI of 1.0 indicates no congestion (travel time equals free-flow time).
  - A TTI greater than 1.0 indicates congestion, where travel times are longer than they would be under free-flow conditions.
- Example: If the average travel time on a segment of road during peak hours is 20 minutes, and the free-flow travel time is 10 minutes, the TTI would be:

$$TTI = \frac{20}{10} = 2.0$$

This means that it takes twice as long to travel the route during peak hours compared to free-flow conditions.

2. Planning Time Index (PTI)

The Planning Time Index (PTI) is a measure of how much extra time a traveler should allow for a trip to account for variability or uncertainty in travel times. It helps in planning unexpected delays due to traffic congestion, accidents, or weather conditions.

- Formula:

$$PTI = \frac{\text{95th Percentile Travel Time}}{\text{Free-Flow Travel Time}}$$

- Interpretation:
  - A PTI of 1.0 indicates that travel times are consistent and reliable (no extra time is needed).
  - A PTI greater than 1.0 indicates that extra time is required to account for variability.
- Example: If the 95th percentile travel time (the time that 95% of trips fall under) for a segment is 25 minutes and the free-flow time is 10 minutes, the PTI would be:

$$PTI = \frac{25}{10} = 2.5$$

This suggests that a traveler should plan 2.5 times the free-flow time to ensure timely arrival, accounting for potential delays.

3. Buffer Time Index (BTI)

The Buffer Time Index (BTI) focuses specifically on the extra time needed to ensure that a trip will be completed on time, even under the most congested or unpredictable conditions. It's a more conservative measure than PTI, as it looks at the difference between the 95th percentile and the average travel time.

- Formula:

$$BTI = \frac{\text{95th Percentile Travel Time} - \text{Average Travel Time}}{\text{Average Travel Time}}$$

- Interpretation:
    - A BTI of 0.0 means there is no extra buffer time required.
    - A BTI greater than 0.0 suggests that there is a need to add extra time to the average trip duration in order to accommodate unpredictable delays.
- Example: If the 95th percentile travel time is 25 minutes, and the average travel time is 20 minutes, the BTI would be:

$$BTI = \frac{25 - 20}{20} = 0.25$$

This means that travelers should add 25% more time to their average travel time to ensure they can complete the trip within their desired time frame.

Key Differences:

- TTI (Time Travel Index) measures how much longer travel takes due to congestion compared to free-flow conditions.
- PTI (Planning Time Index) focuses on the extra time needed to account for variability or uncertainty in travel times to ensure on-time arrival.
- BTI (Buffer Time Index) measures the extra time needed based on the 95th percentile travel time, representing the buffer needed to ensure a traveler can arrive on time, even during the worst travel conditions.

Travel Time Index

The Travel Time Index (TTI) shows how much longer a trip takes due to traffic compared to ideal conditions.

- **TTI of 1.0**: Your trip is taking the ideal time with no delays.
- **TTI greater than 1.0**: Your trip is taking longer because of traffic. For example, a TTI of 1.5 means your trip is 50% longer than it would be with no traffic.

In short, the TTI helps you see how much extra time you should plan for your journey because of congestion.

Travel Time Index AM

The Travel Time Index has an average of 1.09 and a median of 1.4, suggesting that, on average, travel times are slightly longer than expected. The median indicates that half of the travel times exceed 1.4, reflecting some variability in congestion levels.

In the morning peak period, the only significant congestion hotspot identified is along I-64 near Whitcomb. This area experiences noticeable delays, primarily due to high commuter traffic heading into the city. As a key access point to downtown Richmond, the I-64 corridor near Whitcomb becomes congested during the AM rush, leading to increased travel times and reduced reliability. The congestion is exacerbated by the high volume of vehicles entering and exiting the highway, particularly as travelers transition from residential areas to employment centers.

Travel Time Index PM

The Travel Time Index has a median of 1.05 and an average of 1.12, indicating that travel times are generally close to normal, with the average suggesting a slight increase in travel time compared to expected conditions. The median reflects that half of the travel times are below 1.05, highlighting some stability in travel efficiency.

The primary congestion hotspots in Richmond, particularly along I-64 and I-95, occur near key interchanges and in the downtown area. These corridors experience heavy commuter and freight traffic, leading to significant delays, especially during the evening peak period of 4 pm - 8 pm. Bottlenecks, construction zones, and limited road capacity exacerbate congestion, making these Routes critical areas for congestion management. As vital connections for both local and through traffic, these highways face ongoing challenges in handling high volumes, particularly as the region's population and traffic demand continue to grow.

Exhibit 8: AM Travel Time Index

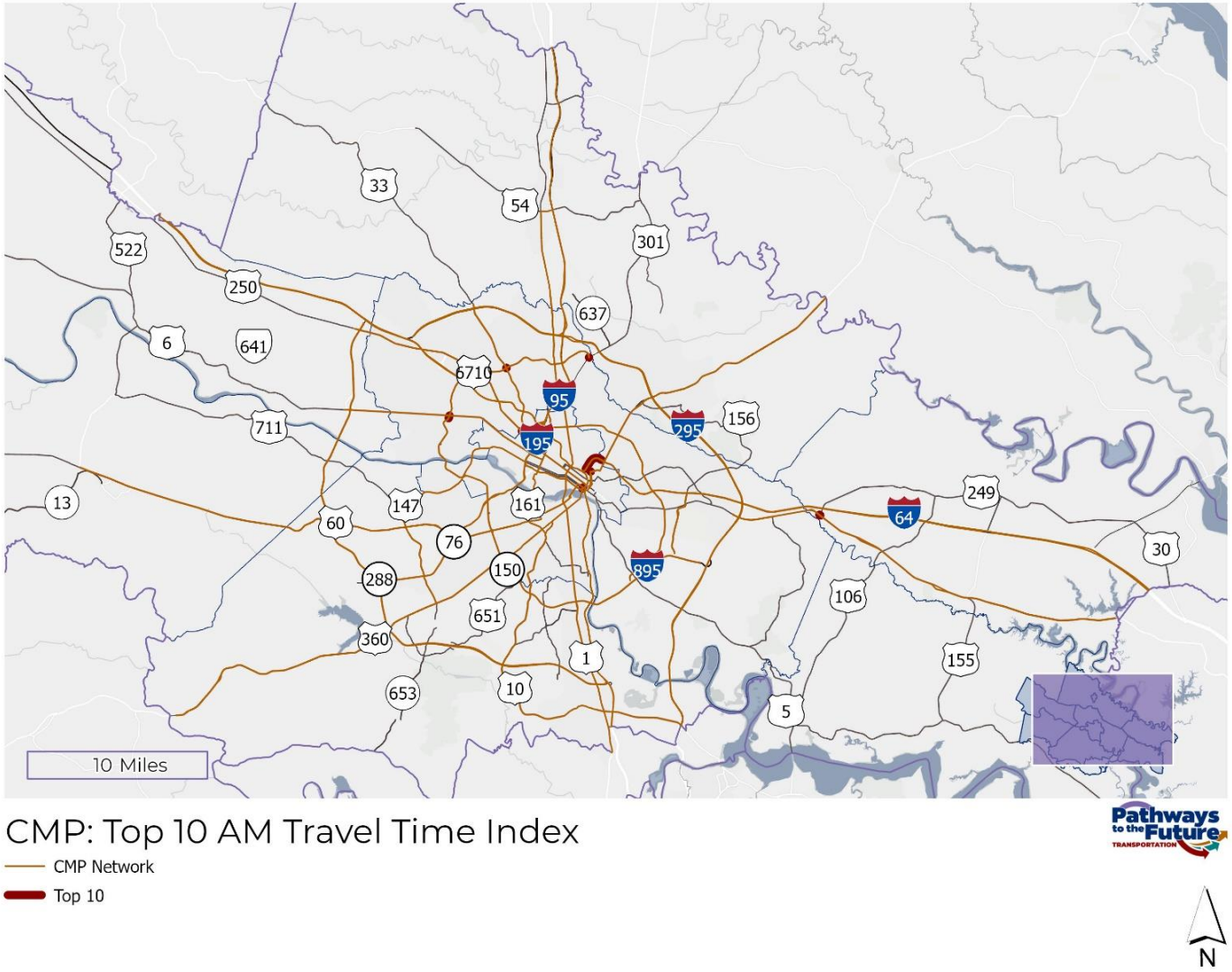
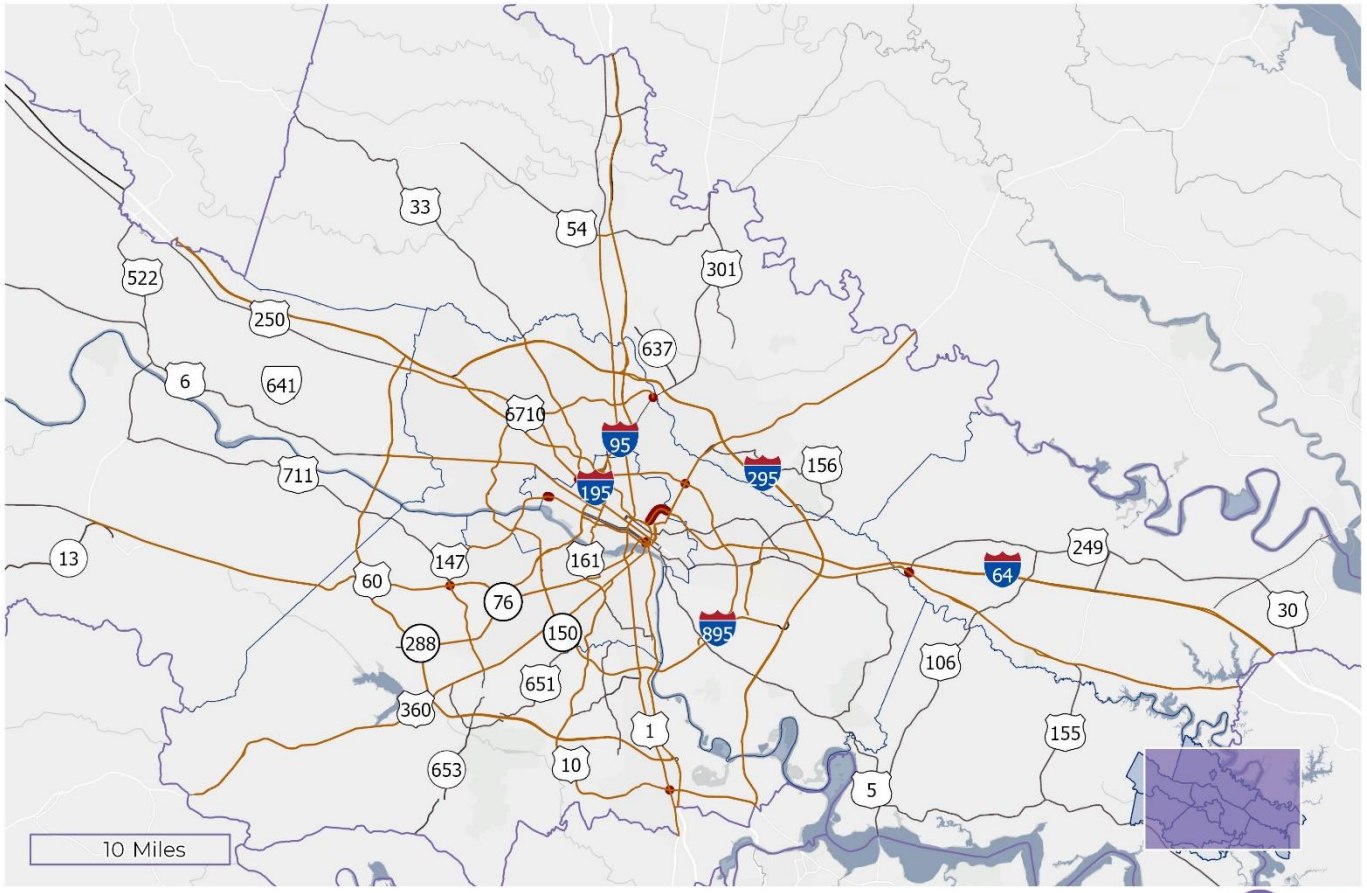


Exhibit 9: PM Travel Time Index



CMP: Top 10 PM Travel Time Index

CMP Network

Top 10

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Planning Time Index

The **Planning Time Index** (PTI) is a simple way to see how much extra time you need for a trip due to traffic. It compares your actual travel time to how long the trip would take if there were no delays.

- **PTI of 1.0**: You're traveling at the ideal speed with no delays.
- **PTI greater than 1.0**: You're experiencing delays. For example, a PTI of 1.5 means your trip is 50% longer than it would be without traffic.

In short, PTI helps measure how much extra time you should plan for due to traffic

Planning Time Index AM

The Planning Time Index from 6 AM to 10 AM has an average of 1.40 and a median of 1.24. This indicates that, on average, travelers may need extra time to account for potential delays. The median reflects that many trips require only a moderate buffer, but the higher fourth quartile suggests some extreme cases where significantly more time may be needed.

The Planning Time Index (PTI) values above 2.3 for 25 roads in Richmond, particularly clustered around Byran Park, indicate significant issues with travel time reliability in this area. A PTI above 2.3 means that travel times during peak hours can be more than twice as long as normal, highlighting severe congestion and delays. The concentration of these high PTI values near Byran Park suggests that the roads in this area are prone to frequent bottlenecks, possibly due to high traffic volumes, complex intersections, and limited road capacity. Factors such as nearby commercial zones, residential traffic, and possible infrastructure limitations contribute to the unreliability. Addressing these issues through improved traffic management, optimized signal timing, and potential infrastructure upgrades could help reduce congestion and improve the overall travel experience in this densely congested area.

Planning Time Index PM

The Planning Time Index, from 4 PM to 8 PM, has an average of 1.45 and a median of 1.26. This indicates that, on average, travelers should allow for a significant amount of extra time due to potential delays. The median suggests that many trips require only a moderate buffer, but the high fourth quartile indicates some instances where much more time is needed.

Several potential factors contribute to these elevated PTI values. For example, major roadways such as SR 6 and SR 288, I-95 from Belvidere Street to Dock Street, and I-64 near Bryan Park to Robin Hood Road are likely experiencing high traffic volumes, particularly during rush hours, as they serve as critical regional corridors. The combination of commuter traffic, freight movement, and access points to surrounding commercial and residential areas can contribute to bottlenecks, especially when intersections are not designed to handle such high volumes of vehicles.

Additionally, areas such as SR 147 and Three Chopt Road and SR 301 and SR 73 may experience congestion due to less efficient road designs, including intersections with heavy turning movements or inadequate lane capacity. Roads such as I-95 from Belvidere Street to Dock Street and I-64 near US 360 could also face issues such as outdated infrastructure, limited capacity, and high density, which cause long delays and unpredictability.

The high PTI values indicate that improving traffic flow in these areas may require both short-term strategies, such as signal optimization and incident management, and long-term improvements, such as expanding lanes, enhancing road design, and improving traffic management systems. Addressing these issues will be crucial to improving reliability and reducing congestion along these key transportation corridors.

Exhibit 10: AM Planning Time Index

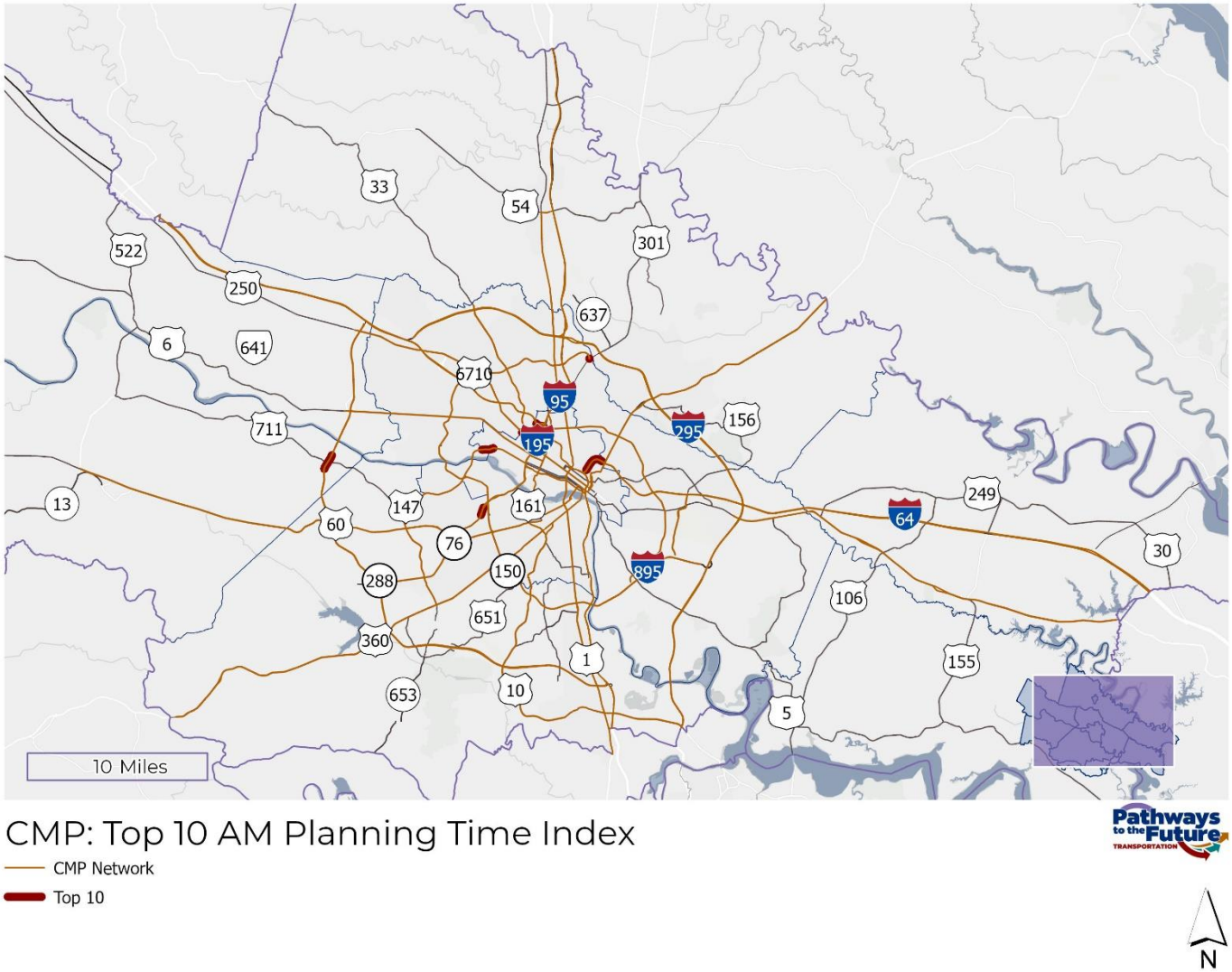
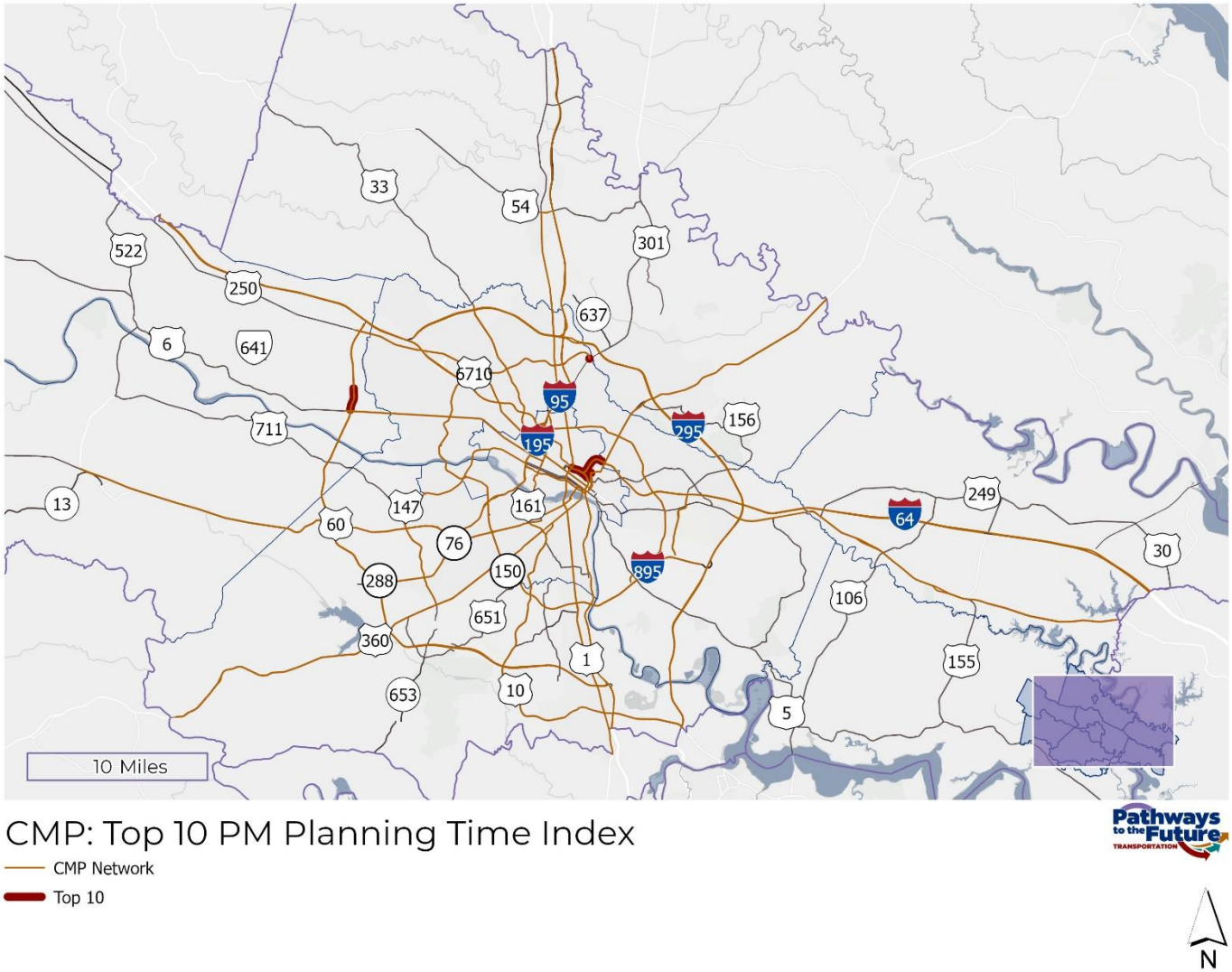


Exhibit 11: PM Planning Time Index



Buffer Time Index

The Buffer Time Index (BTI) is a key metric that helps travelers gauge the extra time needed to account for variability in travel conditions. By comparing actual travel times to ideal, delay-free travel times, the BTI offers a clear understanding of how much additional time should be budgeted to ensure on-time arrivals.

Buffer Time Index of 1.0: Travel times are as expected, with no significant delays, indicating that no extra time is needed.

Buffer Time Index greater than 1.0: Indicates that extra time should be allowed for potential delays. For example, a BTI of 1.5 means you should plan for 50% more time than the ideal travel time to avoid being late.

In summary, the Buffer Time Index serves as a valuable tool for travelers, providing insight into the variability of travel times and helping them make informed decisions about when to leave for their destinations. By understanding the BTI, commuters can better navigate traffic conditions and reduce the stress associated with unexpected delays.

Buffer Time Index AM

The Buffer Time Index has an average of 0.34 and a median of 0.2, indicating that, on average, travelers may need to allow for a moderate amount of extra time to account for variability in travel conditions. The median suggests that half of the observed buffer times are below 0.2, indicating some instances of less variability in travel times.

During the 6 am to 10 am period, several areas in Richmond experience significant buffer time, indicating considerable variability in travel times. Key congestion points include Powhite Parkway, SR 288, and Huguenot Trail, as well as Midlothian Turnpike and Otterdale Road, where morning commuter traffic creates delays. Additionally, I-95 near Maury Street and I-64 near Whitcomb are areas of concern, with congestion arising from high volumes entering and exiting the city. Further north, I-64 near Bryan Park and I-95 near Dumbarton Road also experience fluctuations in travel time due to peak hour traffic. These locations all see notable increases in travel time reliability, highlighting the need for targeted congestion management strategies in these areas.

Buffer Time Index PM

The Buffer Time Index has an average of 0.37 and a median of 0.2. The quartiles are as follows: the first quartile is 0.12, the second quartile (median) is 0.2, the third quartile is 0.42, and the fourth quartile is 4.19. This indicates that while

the average suggests a moderate need for extra time, there is significant variability, with the fourth quartile indicating some extreme cases where much buffer time is required.

From 4 pm to 8 pm, the worst congestion sections in Richmond occur primarily along I-64 and I-95, with some additional delays near SR 288. These areas experience significant buffer time, with the buffer time index ranging from 1.49 to 3.09. This indicates that travel times are anywhere from 49% to 209% longer than free-flow conditions, reflecting severe congestion and delays. The high buffer time in these corridors is driven by heavy commuter traffic, local congestion, and freight movement, particularly as people travel home during the evening rush hour, contributing to inconsistent and unreliable travel times in these regions.

Exhibit 12: AM Buffer Time Index

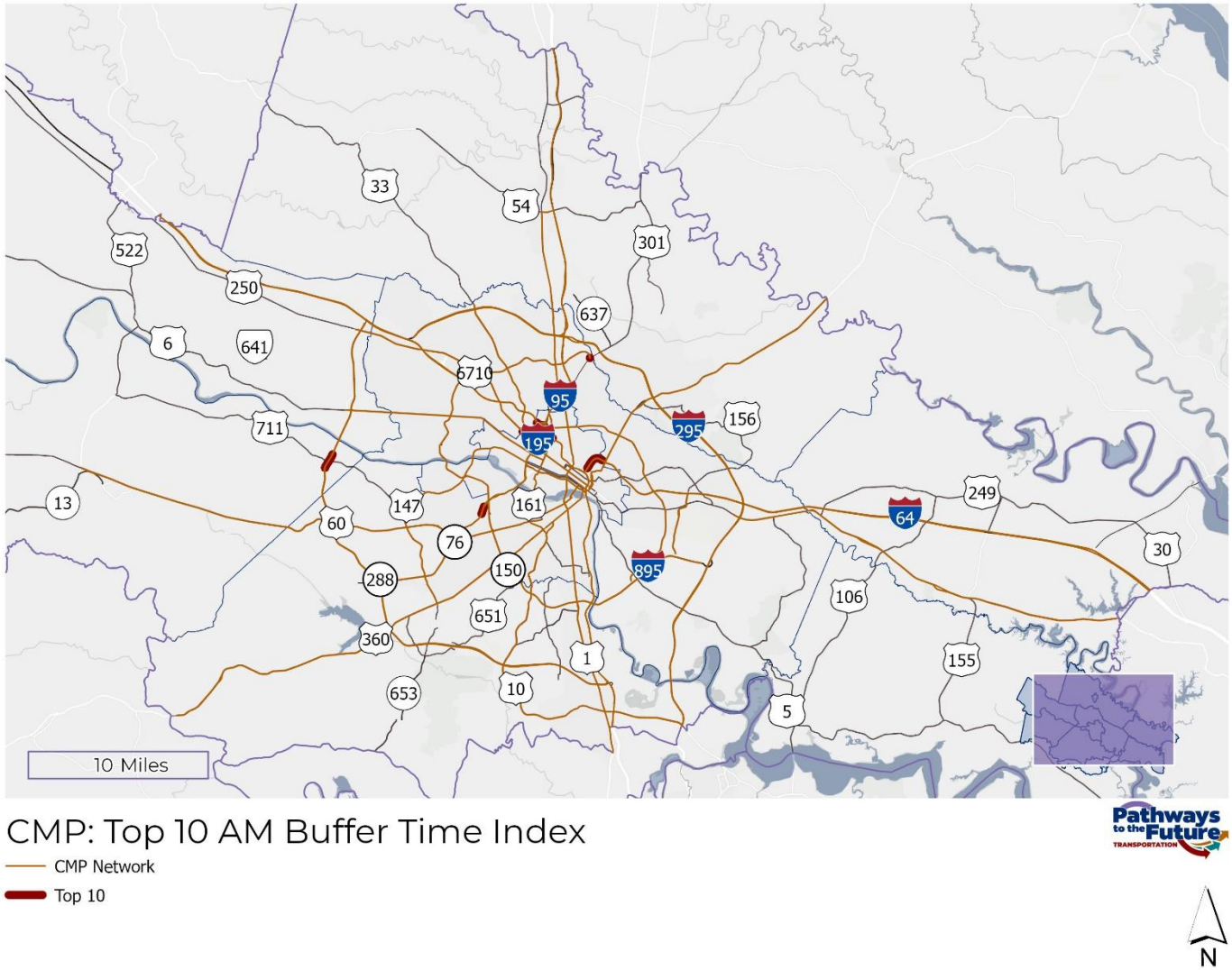
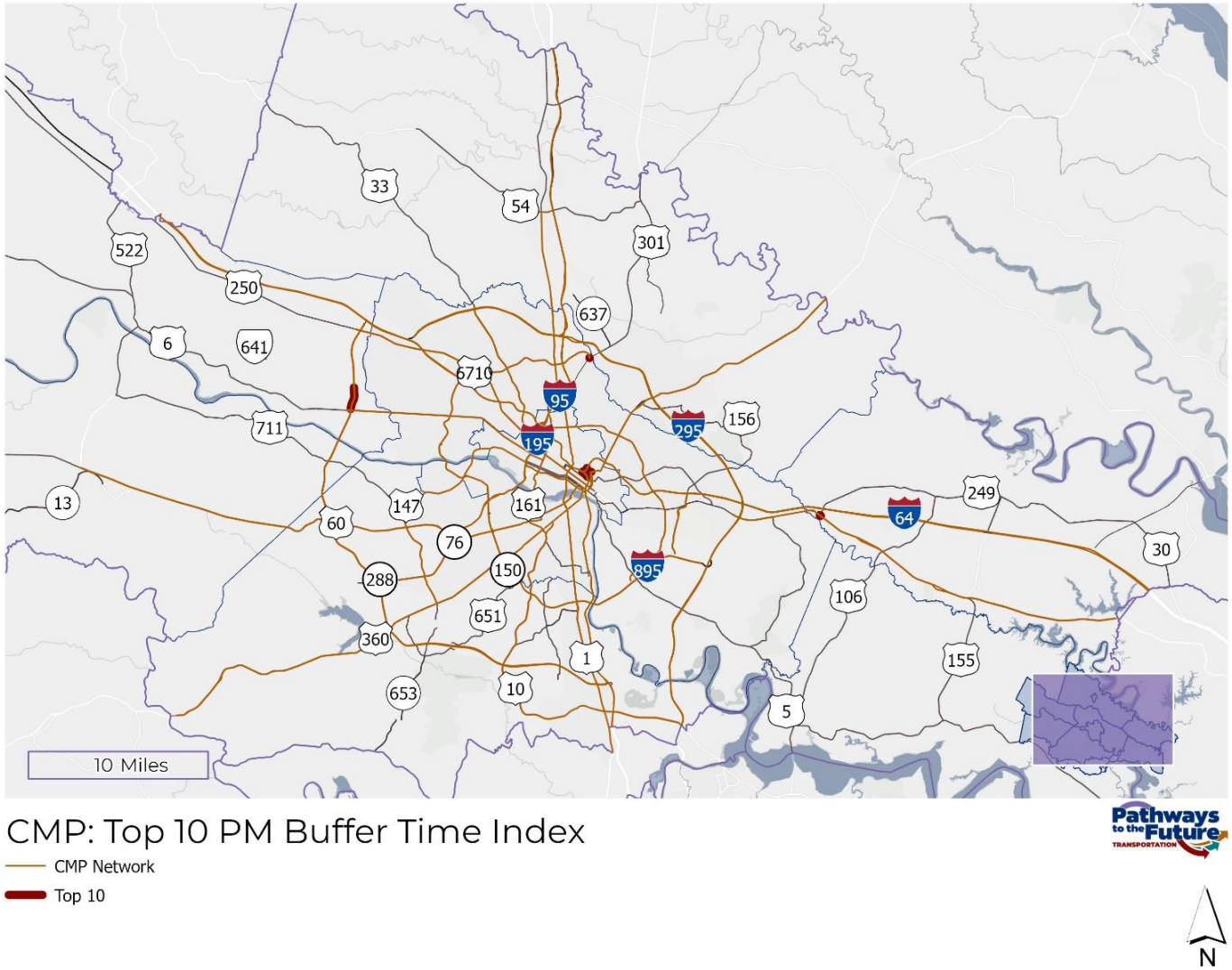


Exhibit 13: PM Buffer Time Index



Level of Travel Time Reliability

LOTTR (Level of Travel Time Reliability) is a performance measure used to assess the reliability of travel times on a corridor or roadway. Specifically, LOTTR quantifies the level of variability in travel times, providing a sense of how predictable travel times are during different periods.

Calculation of LOTTR

LOTTR is defined as the ratio of the 80th percentile travel time to the 50th percentile (median) travel time. This helps indicate how much travel time deviates during peak congestion compared to typical or median conditions.

$$LOTTR = \frac{\text{80th Percentile Travel Time}}{\text{50th Percentile (Median) Travel Time}}$$

Explanation of Terms:

- 80th Percentile Travel Time: This is the time below which 80% of the travel times on the corridor fall. In other words, 80% of trips are completed in less than this time, and only 20% of trips take longer.
- 50th Percentile (Median) Travel Time: This is the middle value of the travel times, where 50% of the travel times are shorter, and 50% are longer. It is often used as a benchmark for typical travel times.

Interpreting LOTTR:

- A LOTTR value of 1.0 means there is no variability in travel time. The 80th percentile travel time is the same as the median travel time, indicating very consistent and predictable travel times.
- A LOTTR value greater than 1.0 indicates that travel times at the 80th percentile are significantly longer than at the median, implying that travel is less reliable and subject to greater variability.
- A LOTTR value less than 1.0 would indicate that the 80th percentile travel time is shorter than the median, which can happen in specific cases but is rare and indicates more reliable travel times than usual.

Example Calculation of LOTTR:

Let's say we are analyzing a roadway segment, and we have the following data:

- 80th Percentile Travel Time: 18 minutes
- 50th Percentile (Median) Travel Time: 15 minutes

$$LOTTR = \frac{18}{15} = 1.2$$

This means that the travel time at the 80th percentile is 1.2 times longer than the median travel time, indicating some level of travel time variability. This is typical for congested corridors where a significant number of trips experience delays, especially during peak times, but the majority of trips still fall within the typical range.

Why LOTTR Matters:

LOTTR is a key indicator of travel time reliability. A high LOTTR (e.g., 1.5 or greater) suggests significant delays and unpredictable travel conditions during peak hours. Conversely, a low LOTTR (e.g., closer to 1.0) indicates that travel times are relatively stable and predictable.

LOTTR AM

Since no areas in the Routes included in the CMP have a LOTTR above 1.45, it indicates that the region generally does not face significant travel delays or variability in travel times. The absence of these issues suggests that, at least based on the LOTTR metric, the region is performing well in terms of travel time reliability, with relatively predictable conditions and no severe congestion issues that would warrant concern for significant delays. This finding helps guide transportation planning and resource allocation, suggesting that interventions aimed at mitigating extreme delays may not be necessary for the time being.

According to the average AM LOTTR there are eleven areas that indicate significant issues with travel time reliability, including intersections such as Fairfield Way & Oliver Hill Way, Brook Rd & Wilkinson Way, Glenside Dr & US 250, Harvie & Laburnum, and River Rd & Huguenot Rd. These areas have higher LOTTR values, suggesting poor traffic flow and frequent delays. Intersections such as Lauderdale Dr & US 250, Kensington Ave & N Thompson St, and Providence & Courthouse Rd also experience unreliable travel times, likely due to high traffic volumes, complex road layouts, or nearby commercial zones. Addressing these problem areas through improved signal timing, better traffic management, or infrastructure upgrades could enhance travel time reliability and reduce congestion in these critical spots.

LOTTR PM

In the region, only a limited number of segments exceed the LOTTR threshold of 1.45, with just 8 segments showing a LOTTR above this value. Of these 8 segments, 6 have a LOTTR exceeding 1.5. This indicates that, while a small portion of the network experiences higher variability in travel times, the majority of roadways do not exhibit significant delays or unreliable travel conditions. As such, the overall travel time reliability in the region remains relatively stable, with most areas not meeting the threshold for significant congestion or delays.

The roads identified in the Richmond, VA area, including US 250, U.S. 360, and local streets such as Magnolia Street and Hermitage Road, experience high PM average LOTTR due to several key factors. These Routes are major corridors for both commuter and freight traffic, leading to significant congestion, particularly during peak hours. Limited road capacity, coupled with frequent intersections and highway junctions, creates bottlenecks that disrupt the flow of traffic. Additionally, urban sprawl and ongoing construction projects contribute to delays, while traffic merging at various points further exacerbates the unpredictability of travel times, resulting in a high level of travel time unreliability.

Travel Reliability Index

The **Travel Reliability Index (TRI)** shows how consistent your travel times are.

- **Low TRI**: Your travel times are steady and predictable.
- **High TRI**: Your travel times can vary a lot and are less predictable.

In other words, a lower TRI means you can expect your trip to take about the same time each day, while a higher TRI means you should be prepared for more variations in travel time

Travel Reliability Index AM

The Travel Time Reliability from 6 AM to 10 AM has an average of 1.13 and a median of 1.1. This indicates that, on average, travel times are slightly longer than expected, with the median suggesting that many instances have reliability close to normal. The presence of a higher fourth quartile indicates some extreme cases with significantly longer travel times.

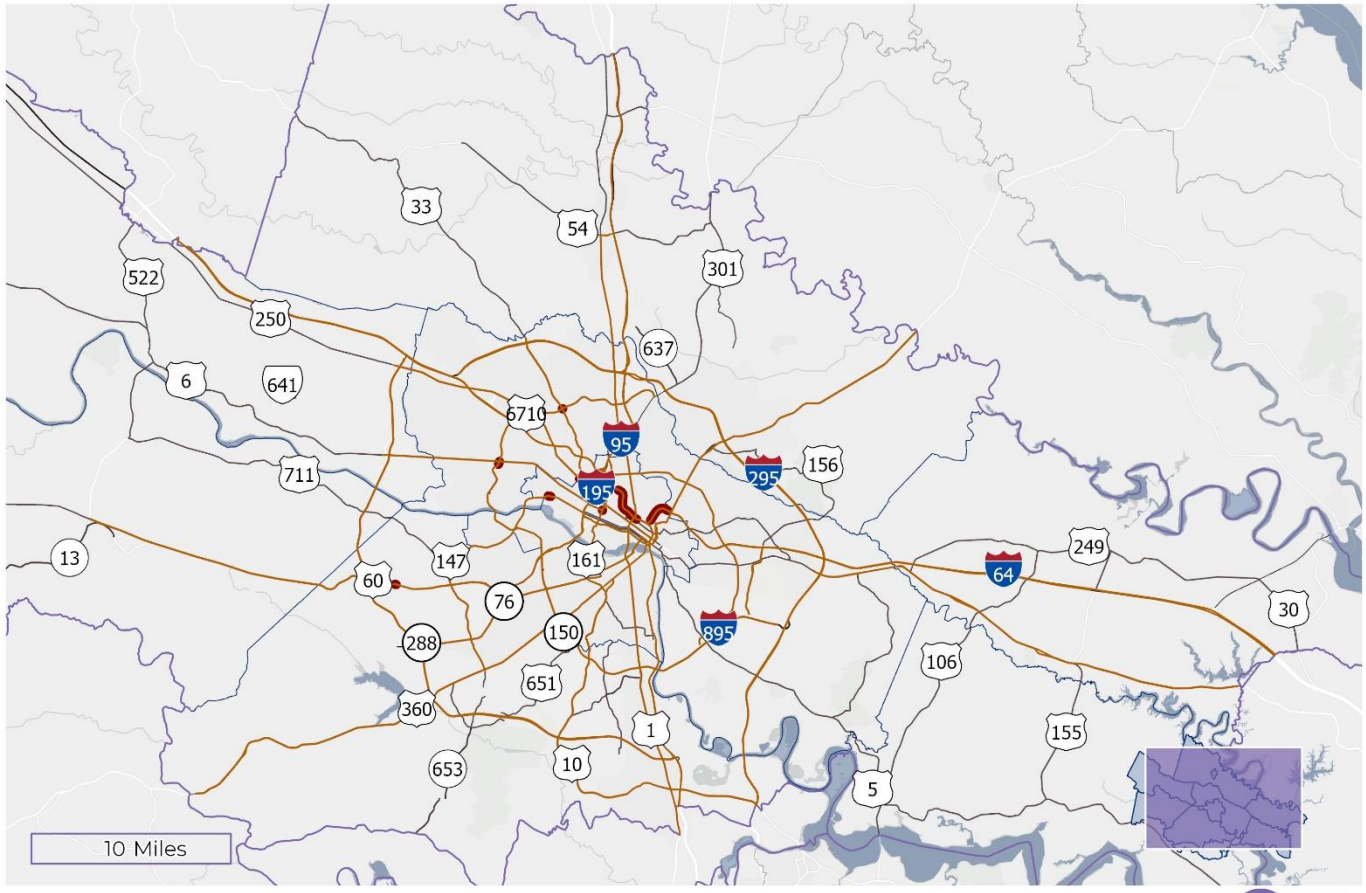
The travel time reliability data for the Richmond area during the morning peak reveals that 96 roads have a Travel Time Reliability Index (TTRI) between 1.19 and 1.43, suggesting that while these roads experience some variability in travel times, they generally maintain a reasonable level of reliability. However, there are only 2 roads with a TTRI above 1.43, with the maximum value reaching 2.75. A TTRI of 2.75 indicates significant unreliability, where travel times can be up to 2.75 times longer than normal during the morning rush. The worst part of this unreliable travel is a section of I 64 near Whitcomb, which stands out for its high levels of congestion and unpredictability. This area, like other affected roads, is likely suffering from heavy commuter traffic, complex intersections, and potential construction or other disruptions. Addressing these issues through improved traffic management, optimized signal timings, and infrastructure upgrades could help reduce delays and improve travel time reliability in this critical section and across the region.

Travel Reliability Index PM

The Travel Time Reliability from 4 PM to 8 PM has an average of 1.13 and a median of 1.09. This suggests that travel times are generally slightly longer than expected, with the median indicating that many instances are close to normal. The higher fourth quartile indicates that some cases experience significantly longer travel times.

In the evening peak period, travel time reliability in Richmond shows that there are 9 road segments, primarily along I 95 and I 64, with Travel Time Reliability Index (TTRI) values ranging from 1.66 to 2.88. This indicates that during the evening rush, travel times on these segments are significantly less predictable, with some stretches seeing delays as much as 2.88 times longer than normal. This mirrors the reliability issues observed during the morning, particularly along the I-64 section near Whitcomb, which continues to be a major bottleneck. High traffic volumes, congestion from commuters, complex interchanges, and possibly construction or incidents contribute to these elevated TTRI values. Addressing these issues through better traffic flow management, road improvements, and optimized signal timings could help reduce congestion and improve travel time reliability during both the morning and evening peak periods in Richmond.

Exhibit 14: AM Travel Time Reliability Index



CMP: Top 10 AM Travel Time Reliability Index

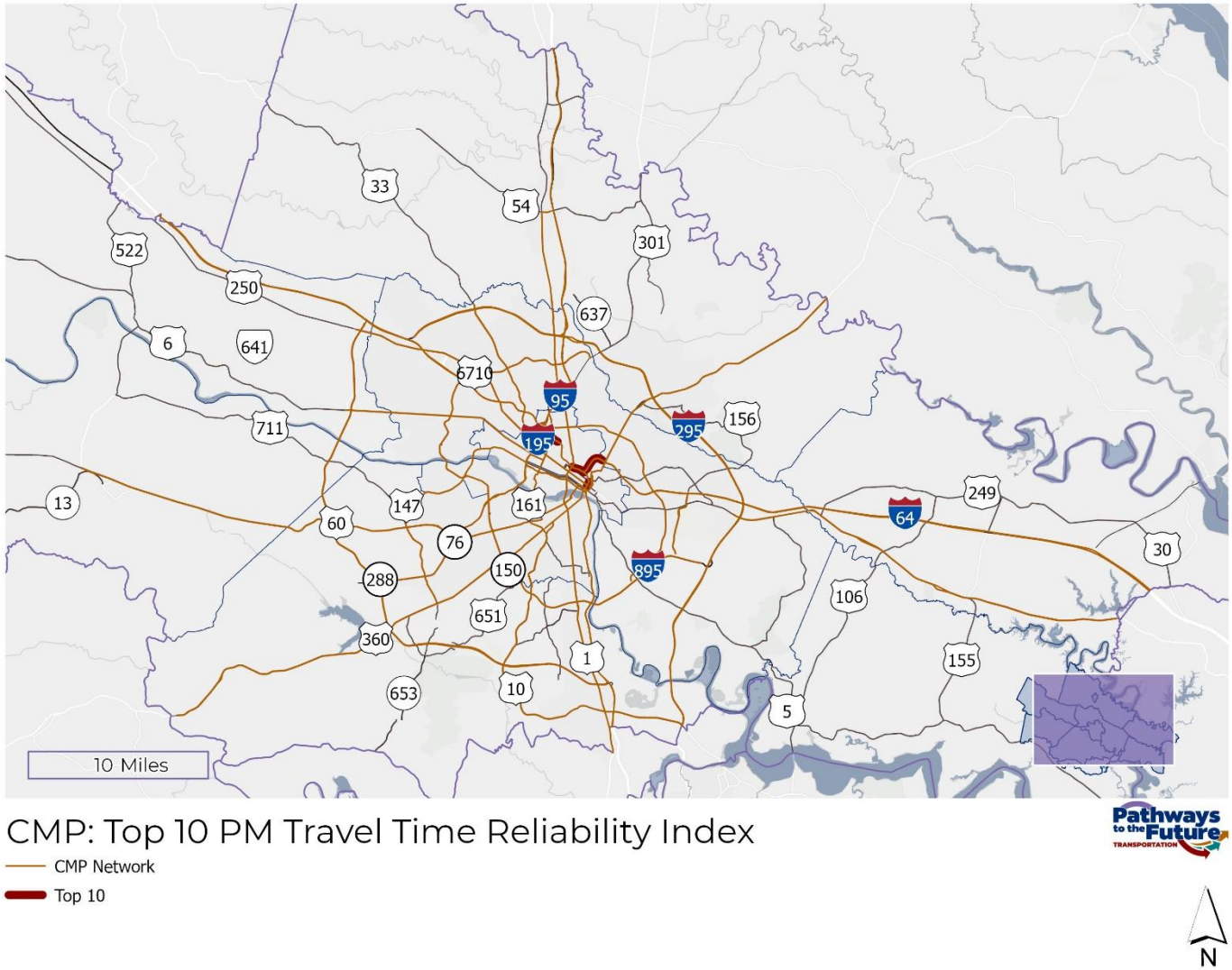
CMP Network

Top 10

Pathways to the Future TRANSPORTATION

N

Exhibit 15: PM Travel Time Reliability Index



Methodology

Each contributing factor, including **TTI**, **BTI**, **Comparative Speed**, **Congestion**, **TTR**, **PTI**, and **Bottleneck**, was weighed equally to ensure a balanced evaluation. To create a fair and consistent methodology, quartiles were used for all factors except Bottleneck. This approach helps to segment the data into four distinct groups, with each quartile representing a range of congestion levels. The formula applied delineates each quartile using a ratio of x/4, ensuring that the higher the quartile, the more congested the area. This method provides an objective way to identify the worst areas, on average across multiple factors.

For **Bottleneck**, the focus was on identifying the top 10 locations that exhibited the most significant issues, ensuring a targeted analysis of the most problematic areas. The raw numbers for these factors are derived from RITIS data, with more detailed numbers and calculations provided in the appendix. This use of quartiles ensures that the ranking process remains fair, with all factors treated equally, allowing for a comprehensive and balanced evaluation of congestion across the region.

1. **Ranking by Quartile**: Each factor (LOTTR, PTI, BTI, etc.) was ranked into one of four quartiles. Quartiles divide data into four equal parts, so this means each factor was compared to others based on their individual values. Each factor was placed in a quartile depending on how it compared to the other factors. Bottlenecks were averaged for the year and then the top ten received all possible points for the score and the others received none.
2. **Assigning a Value Based on Quartile**: Once the factors were ranked into quartiles, a value was assigned to each quartile. For example, factors in the highest quartile (top 25% of all factors) might get the highest score, while factors in the lowest quartile (bottom 25%) might receive the lowest score.
3. **Calculating Points**: After assigning the quartile values, the number of points each factor earned was calculated. This would be based on how well it performed in comparison to the other factors.
4. **Dividing Points by Possible Points**: Once points were assigned, the total number of points for each factor was divided by the total number of possible points. This gives a ratio or percentage, showing how each factor performed relative to the maximum possible performance.
5. **Ranking the Factors**: Finally, based on this ratio or percentage, the factors were ranked. The one with the highest ratio/percentage would be ranked first, and so on. This ranking shows how well each factor performed overall.

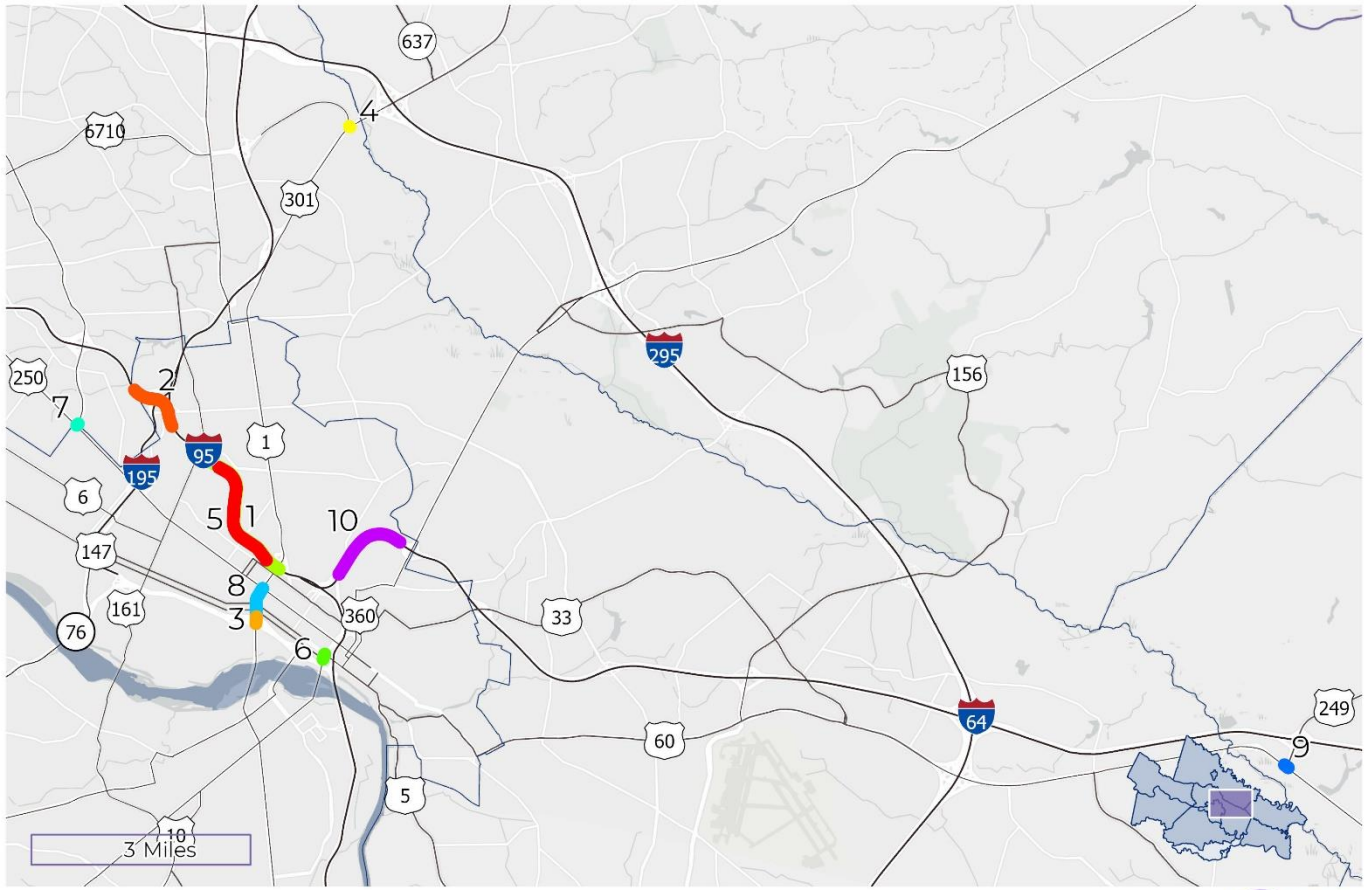
All of this information, including the detailed breakdown, can be found in the appendix, where you can see the full analysis and results.

Top 10 High Scoring TMCs

Exhibit 16: Worst Road Segments by Rank

RANKING	Road Segments
1	I-64 from exit 76B to the entrance ramp near Arthur Ashe Blvd and Robinson St
2	I-64 from exit 186 to the alternate side exit 79
3	S Belvidere St between W Canal St and E Byrd St
4	E Parham Rd and Chamberlayne Rd
5	I-64 between N Belvidere St and exit 78
6	S 14th St between E Cary St and E Main St
7	Staples Mill and W Broad St
8	N Belvidere St between W Broad St and Downtown Expressway
9	Pocahontas Trail and New Kent Highway
10	I-64 between I-95 to Mechanicsville Turnpike

Exhibit 17: Worst Road Segments by Location



Solutions

Improved Traffic Flow Management

- Dynamic Lane Management (DLM): Given the significant congestion on major corridors such asI-64 and I-95, especially during peak periods, dynamic lane management strategies could help optimize the use of available lanes. This could involve opening or closing lanes based on real-time traffic conditions to better manage flow and reduce bottlenecks.
    - **Pros**:
        - **Improved traffic flow**: Dynamic Lane use adapts to real-time traffic, easing congestion.
        - **Efficient use of infrastructure**: Maximizes available lanes without needing major infrastructure changes.
        - **Reduced travel time**: Helps clear bottlenecks during peak hours, improving commute efficiency.
    - **Cons**:
        - **Driver confusion**: Constant Lane changes could lead to confusion or accidents.
        - **High implementation cost**: Requires investment in technology and infrastructure such as sensors and signage.
        - **Maintenance**: Continuous monitoring and system updates needed for accuracy and safety.
- Optimized Signal Timing: Many of the congestion issues appear to be at intersections within the city. Optimizing signal timings at key locations, particularly where road segments converge or are near high-density areas, would help reduce delays and improve travel time reliability.
    - **Pros**:
        - **Reduced delays**: Better signal timing can smooth traffic flow, minimizing stops and starts.
        - **Improved safety**: Optimized signals reduce the likelihood of accidents at congested intersections.
        - **Cost-effective**: Less expensive than major infrastructure changes such asroad widening.

- **Cons**:
    - **Limited impact in severe congestion**: If traffic volumes are extremely high, signal optimization may not be enough to solve the problem.
    - **Needs ongoing adjustments**: Traffic patterns change over time, so signals need regular updates to stay effective.
    - **Public adjustment**: Drivers may need time to adapt to new signal timings.

Infrastructure Improvements at Congested Intersections

- The 30 intersections with comparative speeds below 70% during the evening period indicate areas where congestion is particularly problematic. Intersection upgrades, such as adding turn lanes, improving signal coordination, or implementing roundabouts, could help improve traffic flow and reduce congestion at these critical points.
    - **Pros**:
        - **Targeted improvement**: Focusing on the most problematic intersections can make a big difference in reducing congestion.
        - **Better traffic flow**: Turn lanes, signal coordination, and roundabouts streamline movement and minimize delays.
        - **Safety benefits**: Roundabouts can reduce the frequency and severity of accidents.
    - **Cons**:
        - **High cost**: Intersection upgrades, particularly roundabouts and new turn lanes, can require significant investment.
        - **Disruption during construction**: Upgrades could cause temporary delays and disruptions during the construction phase.
        - **Space limitations**: Some areas may not have enough room for certain upgrades, limiting effectiveness.

- Consider improving intersection capacity at major entry and exit points to downtown Richmond and along key corridors such asPowhite Parkway, SR 288, and Midlothian Turnpike, which are identified as key congestion areas.
    - **Pros**:
        - **Direct impact on congestion**: Improving entry and exit points directly address bottlenecks in high-traffic areas.
        - **Increased capacity**: Expands Road capacity to accommodate more vehicles, easing congestion during peak hours.
        - **Improved access**: Enhances connectivity and access to downtown and major corridors, benefiting commuters and businesses.
    - **Cons**:
        - **High upfront cost**: Major upgrades to entry/exit points can be expensive, particularly if new lanes or bridges are required.
        - **Disruption during construction**: These areas are already congested, so construction could exacerbate delays temporarily.
        - **Environmental impact**: Expanding infrastructure could lead to increased pollution or require land that may be environmentally sensitive.

Public Transportation and Multimodal Solutions

- Encouraging Public Transit: With high congestion, especially in the denser areas of the city, promoting public transportation options (such as buses or BRT) can help reduce single-occupancy vehicle trips. Expanding or enhancing bus rapid transit (BRT) Routes and improving the frequency of service during peak hours can help reduce congestion.
    - **Pros**:
        - **Reduces congestion**: Fewer cars on the road, leading to smoother traffic flow.

        - **Environmentally friendly**: Public transit options help reduce carbon emissions and overall environmental impact.
        - **Cost-effective**: Encouraging transit use can reduce the need for expensive road expansions or repairs.
    - **Cons**:
        - **Public acceptance**: People may resist switching to public transit due to convenience, schedule limitations, or perceived comfort.
        - **Initial investment**: Expanding or upgrading public transit requires significant upfront investment in infrastructure and vehicles.
        - **Limited coverage**: If transit routes don't reach key destinations or neighborhoods, some areas may not see benefits.
- Carpooling and HOV Lanes: Encouraging carpooling or utilizing HOV lanes (High-Occupancy Vehicle lanes) on major highways and arterial roads can reduce the number of vehicles on the road, especially during peak periods.
    - **Pros**:
        - **Reduces traffic volume**: Fewer vehicles on the road, helping ease congestion.
        - **Cost savings**: Carpoolers save on fuel and reduce individual transportation costs.
        - **Environmental benefits**: Fewer cars mean lower emissions and less environmental impact.
    - **Cons**:
        - **Limited participation**: Carpooling may not appeal to everyone, especially if schedules or routes don't align.
        - **HOV lane enforcement**: Ensuring compliance with HOV lane rules can be challenging and require ongoing monitoring.

        - **Potential congestion in non-HOV lanes**: Drivers avoiding HOV lanes might increase congestion in regular lanes.

Real-Time Traffic Management and Traveler Information

- Implementing real-time traffic management systems, such as variable message signs and traffic sensors, can provide drivers with up-to-date information on travel conditions, accidents, or delays. This can help disperse traffic more evenly across Routes and allow drivers to make informed decisions about alternate Routes.
    - **Pros**:
        - **Improved driver decision-making**: Real-time updates help drivers choose less congested routes, reducing overall traffic.
        - **Enhanced safety**: Drivers can avoid accidents or hazardous conditions with timely alerts.
        - **Dynamic response**: Allows traffic management to adjust quickly to changing conditions, optimizing flow.
    - **Cons**:
        - **High setup and maintenance cost**: Installing sensors, signs, and maintaining the system can be expensive.
        - **Driver reliance**: Drivers may rely too heavily on real-time data, which could lead to problems if systems fail or are inaccurate.
        - **Potential confusion**: Constant updates or conflicting information may confuse drivers, especially during heavy traffic periods.
- Providing advanced warning to travelers about traffic conditions or incidents can reduce stress and congestion at major bottlenecks, particularly around I-64 and I-95.
    - **Pros**:
        - **Reduced stress for drivers**: Early warnings allow drivers to adjust routes or expectations, easing frustration.

        - **Decreased congestion**: Drivers can avoid bottlenecks, leading to smoother traffic flow and reduced backup.
        - **Improved safety**: Warnings about incidents help drivers stay alert and avoid accidents.
    - **Cons**:
        - **Dependence on technology**: Travelers may not always have access to real-time updates, especially in areas with poor signal coverage.
        - **Inconsistent response**: Some drivers may ignore warnings, leading to persistent congestion or unsafe behavior.
        - **Cost of infrastructure**: Setting up and maintaining a reliable warning system can require significant investment.

Pedestrian and Bicycle Infrastructure

- To help alleviate congestion in the city, improving pedestrian and bicycle infrastructure could reduce the number of short car trips. Expanding bike lanes, pedestrian pathways, and providing safe crossings at busy intersections can encourage people to use alternative modes of transportation for short trips, reducing congestion on key corridors.
    - **Pros**:
        - **Reduced car usage**: Encourages walking or biking for short trips, easing congestion on roads.
        - **Environmental benefits**: Fewer cars on the road means reduced pollution and lower carbon footprint.
        - **Healthier lifestyle**: Promotes physical activity, benefiting public health by encouraging walking and cycling.
    - **Cons**:
        - **Space limitations**: Expanding infrastructure in dense areas may be challenging due to limited available space.

        - **Safety concerns**: Poorly designed bike lanes or pedestrian crossings could lead to accidents or conflicts with vehicles.
        - **Initial costs**: Significant investment is needed to create and maintain safe, accessible pathways for pedestrians and cyclists.

Data-Driven Decision Making

- Given the buffer time indexes and comparative speed metrics, regular monitoring and updating travel time data through traffic sensors and GPS tracking can provide insights into emerging congestion hotspots. This will allow for proactive adjustments to traffic management strategies and ensure that congestion is addressed before it becomes a major issue.
    - **Pros**:
        - **Proactive congestion management**: Enables quick responses to emerging traffic issues, preventing severe bottlenecks.
        - **Real-time data**: Provides accurate, up-to-date insights, improving overall traffic flow and reducing delays.
        - **Optimized resource allocation**: Helps identify and address high-priority problem areas efficiently.
    - **Cons**:
        - **High initial investment**: Installing and maintaining sensors and GPS tracking systems can be costly.
        - **Data reliability**: Ensuring accurate and consistent data can be challenging, especially with fluctuating traffic conditions.
        - **Complexity of analysis**: Requires skilled personnel to interpret data and make timely decisions based on it.

Enhanced Coordination with Stakeholders

- Collaboration with local stakeholders, such as the Richmond MPO and VDOT, is essential to ensure that proposed congestion management strategies align with regional goals and priorities. Engaging with local communities and businesses can provide valuable feedback and help prioritize the most critical areas for improvement.
    - **Pros**:
        - **Aligned goals**: Ensures congestion strategies are consistent with broader regional planning and development priorities.
        - **Community support**: Engaging local stakeholders fosters cooperation and can lead to more widely accepted solutions.
        - **Informed decision-making**: Feedback from businesses and residents helps target the most pressing areas for improvement.
    - **Cons**:
        - **Time-consuming**: The process of coordinating with multiple stakeholders can delay decision-making and implementation.
        - **Conflicting interests**: Different groups may have competing priorities, making consensus difficult.
        - **Potential for inaction**: Involving too many parties can lead to compromise, resulting in less impactful or diluted solutions.

Potential Funding Sources

1. Infrastructure Investment and Jobs Act (IIJA)

Pros:

- Provides significant funding for transportation infrastructure, including congestion relief, road upgrades, and transit improvements.
- Offers grants for projects such as traffic management systems and infrastructure improvements for pedestrians and cyclists.

Cons:

- Competitive application process, requiring detailed project proposals and planning.

2. Federal Highway Administration (FHWA) – Highway Safety Improvement Program (HSIP)

Pros:

- Focuses on reducing traffic fatalities and injuries, which aligns with improving congestion and safety at intersections and busy corridors.
- Can be used for intersection upgrades, adding turn lanes, and improving signal systems.

Cons:

- Must demonstrate a clear safety impact to qualify for funding.

3. Federal Transit Administration (FTA) – Capital Investment Grants (CIG) Program

Pros:

- Supports the development and expansion of public transit systems, including bus rapid transit (BRT) and transit infrastructure.
- Funds can be used for enhancing service frequency and improving infrastructure for buses and bike lanes.

Cons:

- Requires a strong local match, and projects must align with long-term transit plans.

4. Congestion Mitigation and Air Quality Improvement Program (CMAQ)

Pros:

- Focuses on projects that reduce traffic congestion and improve air quality, which is relevant to your strategies, especially with public transit and HOV lanes.
- Flexible funding for a variety of congestion management projects, including transit and carpooling initiatives.

Cons:

- Funding is allocated based on air quality and traffic levels, so specific areas may need to meet certain criteria.

5. Transportation Alternatives Program (TAP)

Pros:

- Focuses on providing funding for pedestrian and bicycle infrastructure, making it ideal for expanding bike lanes, sidewalks, and safe crossings.
- Supports community engagement and local needs.

Cons:

- Limited funding compared to larger programs, and may require significant local contributions.

6. Better Utilizing Investments to Leverage Development (BUILD) Grants

Pros:

- Supports projects that improve transportation systems, including projects for congestion relief, transit, and infrastructure upgrades.
- Encourages innovative, regionally significant projects that can address bottlenecks.

Cons:

- Highly competitive and requires a solid partnership with local stakeholders to maximize chances of success.

7. Smart City Challenge and Technology Deployment Programs (USDOT)

Pros:

- Focused on deploying technology to improve traffic management, making it perfect for real-time traffic management systems.
- Can fund projects involving traffic sensors, GPS tracking, and communication systems.

Cons:

- Requires advanced technology solutions and data integration, which can be complex to implement.

Conclusion

Overall, the data suggests that travel times are generally reliable and efficient in both the morning and afternoon, with most indicators reflecting stable conditions. While there are instances of increased travel times and congestion, particularly in the afternoon, the majority of vehicles are moving at efficient speeds. Travelers should be mindful of potential delays and consider allowing extra time for their journeys, especially during peak hours. The analysis highlights a well-functioning transportation network, albeit with some variability that may require additional planning.

The analysis of traffic congestion and travel time reliability reveals a nuanced landscape of urban mobility that is crucial for effective transportation planning. The data indicates that, while there are periods of moderate congestion, particularly during peak commuting hours—overall travel times remain relatively stable and efficient. The Congestion Levels provide a clear picture of traffic conditions, with levels slightly above 1.0 indicating manageable delays that many commuters can navigate with informed planning.

Key metrics such as the Travel Time Index (TTI) and Planning Time Index (PTI) further enhance our understanding of how travel times compare to ideal conditions, equipping commuters with the information needed to budget their time effectively. The Level of Travel Time Reliability (LOTTR) and Travel Reliability Index (TRI) underscore the predictability of travel, which is essential for fostering commuter confidence and enhancing overall satisfaction.

Additionally, recognizing the various types of delays, whether crash-related, capacity-related, or due to construction—highlights the complexities that impact travel times. These insights are instrumental for planners and policymakers seeking to address congestion and improve infrastructure. Strategies aimed at reducing delays and enhancing road safety will contribute to a more efficient transportation network.

The Buffer Time Index also serves as a valuable tool, guiding travelers in allowing for potential variability in their journeys. By integrating these metrics into planning processes, stakeholders can make informed decisions that prioritize both current travel efficiency and long-term improvements.

Ultimately, this analysis emphasizes the importance of continuous monitoring and adaptation in transportation systems. While the current data indicates a generally well-functioning network, ongoing evaluation and strategic interventions are essential to manage congestion, improve travel reliability, and meet the evolving needs of urban commuters. By leveraging these insights, we can work toward a more sustainable and efficient transportation future.

Additional Resources

- Federal Highway Administration. (n.d.). *Travel time reliability: A key element of transportation system performance*. U.S. Department of Transportation. Retrieved December 26, 2024, from https://ops.fhwa.dot.gov/publications/tt_reliability/brochure/ttr_brochure.pdf

Appendix 1 – CMP Compliance

1. Overview of the CMP		
23 U.S. Code § 134 (Subsection h) 23 CFR 450.322	Ensure the CMP is a systematic process to manage congestion and improve mobility.	Yes, we used metrics to evaluate where the issues were and then we identified those areas to implement change to.
23 U.S. Code § 134 (Subsection h) 23 CFR 450.322	Ensure CMP is developed in collaboration with local stakeholders, including state and local agencies.	Yes, these processes included government officials and data from each of the metrics.
23 U.S. Code § 134 (Subsection i) 23 CFR 450.322	Ensure the CMP aligns with the long-range transportation plan (LRTP).	Yes, these are being developed in tangent with each other and feed off each other
2. Congestion Identification and Monitoring		
23 U.S. Code § 134 (Subsection h) 23 CFR 450.322	Define congestion management objectives and goals.	These are identified on page four in the introduction section
23 U.S. Code § 134 (Subsection h) 23 CFR 450.322	Ensure data collection is conducted regularly for traffic volume, speed, and congestion indicators.	This is done annually
23 U.S. Code § 134 (Subsection h) 23 CFR 450.322	Use traffic counts, travel time data, and congestion indices for analysis.	Yes, this data is gathered from RITIS
23 U.S. Code § 134 (Subsection h) 23 CFR 450.322	Identify and prioritize congestion corridors and regions based on collected data.	Yes, using data collected by RITIS
23 U.S. Code § 134 (Subsection h) 23 CFR 450.322	Ensure real-time monitoring or annual reporting to track congestion hotspots.	Yes, this process is done annually
3. Performance Measures		
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Establish measurable and relevant performance metrics (e.g., speed, travel time, delay).	Yes, we use Bottlenecks, Comparative Speed, Time Travel Index, Planning Time Index, Level of Time Travel Reliability, and Travel Reliability Index.
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Define thresholds for acceptable congestion levels based on transportation goals.	These are defined for each metric
23 U.S. Code § 134 - (Subsection i)	Ensure performance measures are linked to the MPO's long-term vision.	We strive to have efficient roads

23 CFR 450.322		
4. Congestion Management Strategies		
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Identify potential strategies (e.g., demand management, operational improvements, new infrastructure).	These can be found under the Solutions tab and include Improved Traffic Flow Management, Infrastructure Improvements at Congested Intersections, Public Transportation and Multimodal Solutions, Real-Time Traffic Management and Traveler Information, Pedestrian and Bicycle Infrastructure, Data-Driven Decision Making, Enhanced Coordination with Stakeholders
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Ensure strategies address both short-term and long-term congestion issues.	Yes, these variety of solutions aim to address all aspects of the issues
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Evaluate the feasibility and cost-effectiveness of each strategy.	Yes, this is done with the conclusion and solutions.
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Consider alternative transportation modes (e.g., transit, cycling, walking) in congestion management.	Yes, this is addressed in a few ways and explicitly in solutions.
5. Evaluation of Strategies		
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Conduct an analysis to determine the effectiveness of each strategy.	Yes, this has been done in the solutions section.
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Assess the environmental, economic, and social impacts of each proposed strategy.	Yes, this has been done in the solutions section and conclusion.
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Include both qualitative and quantitative methods for evaluating strategies.	Yes, this has been done in the solutions section and conclusion.
23 U.S. Code § 134 - (Subsection h) 23 CFR 450.322	Prioritize strategies based on effectiveness and resource availability.	Yes, this has been done in the solutions section and conclusion.
6. Public Involvement and Stakeholder Coordination		
23 U.S. Code § 134 - (Subsection g) 23 CFR 450.316	Ensure public involvement through outreach programs, surveys, and public meetings.	With each project PlanRVA takes on they ensure that there is open communication between each of their localities including relevant stakeholder groups.
23 U.S. Code § 134 - (Subsection g) 23 CFR 450.316	Include stakeholder groups such as local communities, businesses, and advocacy groups in the planning process.	With each project PlanRVA takes on they ensure that there is open communication between each of their localities including relevant stakeholder groups.
23 U.S. Code § 134 - (Subsection g) 23 CFR 450.316	Collect and integrate public feedback into the CMP.	With each project PlanRVA takes on they ensure that there is open communication between each of their localities including relevant stakeholder groups.

23 U.S. Code § 134 - (Subsection g) 23 CFR 450.316	Ensure transparency in decision-making processes and strategy selection.	Yes, this is one of our core responsibilities
7. Integration with Other Planning Efforts		
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Ensure the CMP is integrated into the MPO's overall transportation planning process.	Yes, it is heavily integrated with the LRTP
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Coordinate the CMP with other plans (e.g., environmental, land use, public health).	Yes, it is used as a resource for other plans
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Align the CMP with federal, state, and regional transportation goals and funding programs.	Yes, it is tied in with the transportation goals with the state, federal, and local government
8. Monitoring and Reporting		
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Develop a continuous monitoring framework to assess ongoing congestion management outcomes.	We do this annually to ensure that there is a comprehensive process.
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Regularly report on congestion trends, strategy implementation, and effectiveness.	We do this annually to ensure that there is a comprehensive process.
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Provide performance updates to the public and key stakeholders.	We provide these updates on our website that is open to the public including key stakeholders.
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Evaluate and adjust the CMP periodically based on evolving transportation needs.	We do this annually to ensure that there is a comprehensive process.
9. Funding and Implementation		
23 U.S. Code § 134 - (Subsection j) 23 CFR 450.322	Identify potential funding sources for congestion management strategies (e.g., federal, state, local).	Yes, this is done in the Potential Funding Sources section.
23 U.S. Code § 134 - (Subsection j) 23 CFR 450.322	Include congestion management projects in the MPO's Transportation Improvement Program (TIP).	Yes, this is already done.
23 U.S. Code § 134 - (Subsection j) 23 CFR 450.322	Prioritize congestion management strategies in the annual work program.	Yes, this is already done.
10. CMP Documentation and Communication		
23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Ensure thorough documentation of all CMP-related activities, analyses, and decisions.	This is already part of our standard practice and will continue to be.

23 U.S. Code § 134 - (Subsection i) 23 CFR 450.322	Maintain detailed records on performance monitoring and strategy evaluations.	This is already part of our standard practice and will continue to be.
23 U.S. Code § 134 - (Subsection g) 23 CFR 450.322	Communicate CMP findings, strategies, and results clearly to the public and decision-makers.	This is already part of our standard practice and will continue to be.

Appendix 2 – TMC Link Scores

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+18892	9.69	8	4	1.4	3	1.24		1.51		0.69		0.87		81.23	19	76.5	23.5	81	19	66.2	33.8	1.12	3	1.21	2	1.7	4	2.16	4	1	19.205882	15.9941
110-13899	5.77	537	3	1.53		0.96	1	1.04	3	0.2	3	0.18	3	99.86	0.1	100	0	100	0	96.3	3.74	1.07	2	1.07	2	1.15	2	1.25	3	0	31.005882	28.9
110-04943	8.22	207	4	0.83	3	1.08		1.16		0.86		1.19		98.53	1.5	90.35	9.65	92.16	7.8	85.9	14.1	1.07	2	1.13	3	1.99	4	2.3	4	0	56.358824	53
110N0949(	4.25	786	2	0.21	1	0.92	1	0.96	1	0.1	2	0.13	2	100	0	100	0	100	0	100	0	1.11	3	1.11	3	1.13	2	1.21	2	0	39.529412	38.0941
110-04948	3.25	947	1	0.59	2	1	2	0.99	1	0.13	2	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.12	2	1.08	1	0	64.364706	64.9353
110-04949	3.25	947	1	0.9	3	0.99	2	1	2	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.06	1	1.06	1	0	66.923529	66.2647
110-04945	4.58	714	2	0.5	2	0.99	2	1.06	3	0.08	1	0.31	3	100	0	94.89	5.11	100	0	94.1	5.93	1.03	1	1.05	1	1.09	2	1.32	3	0	62.6	59.1824
110-18092	6.62	406	3	1.49		1.03	3	1.09	3	0.18	3	0.22	3	96.86	3.1	96.26	3.74	97.49	2.5	91.5	8.48	1.07	2	1.08	2	1.18	3	1.28	3	0	42.476471	40.0529
110N0948(	9.36	17	4	0.05	1	1.52		1.93		1.21		1.13		67.19	33	63.43	36.6	65.75	34	51.9	48.1	1.2		1.28		2.25	4	2.6	4	0	22.229412	17.7353
110-18090	9.18	36	4	0.25	2	1.26		1.41		0.77		0.87		79.74	20	76.79	23.2	79.44	21	71.2	28.8	1.2		1.22		1.77	4	2.01	4	0	35.282353	31.9882
110N0948!	8.57	149	4	0.02	1	1.11		1.18		0.57		0.53		91.81	8.2	89.33	10.7	89.67	10	85	15	1.18		1.22		1.61	4	1.61	4	0	25.947059	24.8
110N0948:	5	663	2	0.35	2	0.98	1	0.98	1	0.22	3	0.14	2	100	0	100	0	100	0	100	0	1.12	3	1.12	3	1.22	3	1.18	2	0	37.2	37.4882
110N0482(	5.06	644	2	0.31	2	0.99	2	1.06	3	0.1	2	0.18	3	100	0	96.6	3.4	100	0	94	5.97	1.07	2	1.08	2	1.09	2	1.21	2	0	58.805882	54.9118
110N0482!	3.3	906	1	0.35	2	1	2	1.03	2	0.06	1	0.1	1	98.73	1.3	98.17	1.83	99.6	0.4	97.1	2.95	1.05	1	1.05	1	1.05	1	1.11	2	0	58.817647	57.2471
110P0645!	8.6	145	4	0.02	1	1.08		1.22		0.63		0.67		92.79	7.2	84.87	15.1	92.69	7.3	81.7	18.3	1.18		1.2		1.63	4	1.73	4	0	25.652941	22.8176
110-18080	5.02	655	2	1.3	3	1	2	1.03	2	0.12	2	0.13	2	100	0	100	0	99.52	0.5	96.7	3.28	1.06	2	1.1	3	1.14	2	1.18	2	0	34.129412	33.1882
110-13861	8.96	71	4	0.65	3	1.2		1.19		0.56		0.46		86.34	14	84.46	15.5	83.09	17	84.2	15.8	1.19		1.14		1.62	4	1.46	3	0	24.358824	24.7176
110N04813	4.86	671	2	0.39	2	0.97	1	1.09	3	0.04	1	1.05		100	0	93.31	6.69	100	0	91.4	8.62	1.03	1	1.06	2	1.03	1	2.1	4	0	66.941176	60.5588
110P0537!	5.71	547	3	0.48	2	1.01	3	1.2		0.05	1	1.23		98.42	1.6	89.36	10.6	99.19	0.8	83.2	16.8	1.03	1	1.06	2	1.04	1	2.4	4	0	68.735294	59.6471
110P0646!	8.8	103	4	0.12	1	1.24		1.28		0.63		0.63		84.08	16	81.09	18.9	80.93	19	78.1	21.9	1.19		1.17		1.69	4	1.69	4	0	35.688235	34.5
110P0646(	8.94	73	4	0.09	1	1.33		1.29		0.74		0.86		78.85	21	75.41	24.6	75.33	25	77.2	22.8	1.2		1.27		1.82	4	1.82	4	0	34.323529	35.5882
110P0646!	9.24	26	4	0.44	2	1.25		1.48		0.76		0.85		79.99	20	71.75	28.3	80.34	20	67.7	32.3	1.17		1.21		1.75	4	1.96	4	0	26.705882	22.8118
110-18071	4.52	728	2	1.86		0.98	1	1.03	2	0.13	2	0.16	2	100	0	100	0	100	0	96.9	3.14	1.07	2	1.05	1	1.14	2	1.2	2	0	44.035294	41.9647
110-18072	5.78	534	3	2.62		0.99	2	1.05	3	0.15	2	0.17	2	100	0	100	0	100	0	95	5.03	1.08	2	1.11	3	1.14	2	1.25	3	0	40.511765	38.1588
110P0646(	9.33	19	4	0.03	1	1.47		1.75		1.11		1.38		67.61	32	62.21	37.8	67.88	32	57.2	42.8	1.21		1.17		2.1	4	2.59	4	0	22.876471	19.5235
110P0646!	9.01	61	4	0.02	1	1.28		1.46		0.8		0.95		79.28	21	71.53	28.5	78.06	22	68.4	31.7	1.21		1.15		1.83	4	2.05	4	0	27.2	23.9882
110-18077	7.45	292	4	1.77		1.04	3	1.17		0.22	3	0.34		96.75	3.3	91.93	8.07	96.32	3.7	85.8	14.3	1.08	2	1.12	3	1.23	3	1.44	3	0	40.241176	36.1059
110-18078	8.93	75	4	0.45	2	1.13		1.29		0.48		0.7		89.77	10	84.04	16	88.2	12	77.3	22.7	1.16		1.22		1.51	4	1.85	4	0	36.070588	31.9059
110-18073	7.12	324	3	1.24	3	1.02	3	1.1	3	0.23	3	0.33		99.4	0.6	94.33	5.67	97.89	2.1	90.7	9.3	1.11	3	1.12	3	1.25	3	1.38	3	0	39.223529	36.6941
110-18075	6.78	384	3	1.5		1.01	3	1.06	3	0.2	3	0.13	2	100	0	100	0	99.14	0.9	94.7	5.32	1.1	3	1.1	3	1.25	3	1.32	3	0	43.435294	41.7353
110-18076	5.77	535	3	2.65		1	2	1.05	3	0.12	2	0.15	2	100	0	100	0	99.83	0.2	95.2	4.76	1.07	2	1.1	3	1.14	2	1.24	3	0	45.723529	43.7941
110N0484:	6.66	397	3	0.11	1	1.07		1.06	3	0.26	3	0.26	3	94.59	5.4	95.01	4.99	93.57	6.4	94.6	5.4	1.1	3	1.1	3	1.27	3	1.27	3	0	42.823529	43.1882
110-13854	5.8	526	3	0.89	3	0.98	1	1.11	3	0.15	2	0.28	3	100	0	100	0	100	0	90	10	1.11	3	1.13	3	1.17	2	1.44	3	0	38.288235	34.1706
110-13855	6.88	352	3	1.25	3	1.02	3	1.1	3	0.23	3	0.27	3	97.35	2.7	95.29	4.71	97.8	2.2	90.6	9.41	1.1	3	1.11	3	1.22	3	1.33	3	0	41.776471	38.9471
110+06463	7.12	327	3	2.45		1.02	3	1.11	3	0.19	3	0.24	3	98.3	1.7	96.1	3.9	97.68	2.3	90.4	9.6	1.09	3	1.09	3	1.2	3	1.32	3	0	37.417647	34.8
110N0484!	4.82	674	2	0.31	2	1.01	3	1.03	2	0.14	2	0.17	2	98.6	1.4	96.52	3.48	99.08	0.9	97.5	2.52	1.06	2	1.06	2	1.14	2	1.16	2	0	56.282353	55.3118
110-13858	9.28	22	4	0.26	2	1.44		1.78		1.19		1.25		82.05	18	77.3	22.7	69.69	30	56.2	43.8	1.33		1.43		2.58	4	3.1	4	0	22.311765	18.4941
110N0484!	5.09	639	2	0.41	2	0.97	1	1.07	3	0.09	2	0.45		100	0	93.66	6.34	100	0	93.7	6.3	1.07	2	1.07	2	1.08	1	1.45	3	0	61.317647	56.5118
110-04904	2.75	1058	1	1.32	3	0.98	1	0.98	1	0.05	1	0.08	1	100	0	99.68	0.32	100	0	100	0	1.05	1	1.03	1	1.05	1	1.05	1	0	68.870588	68.5882
110-04900	4.31	753	2	2.65		0.99	2	1.04	3	0.05	1	0.13	2	100	0	95.7	4.3	100	0	96.5	3.5	1.01	1	1.03	1	1.05	1	1.12	2	0	71.370588	68.1941
110-04901	4.32	751	2	4.62		0.98	1	1.04	3	0.04	1	0.22	3	100	0	94.73	5.27	100	0	95.9	4.07	1.01	1	1.01	1	1.03	1	1.21	2	0	71.011765	67.4706
110N0483!	5.03	651	2	0.05	1	1.02	3	0.98	1	0.26	3	0.13	2	97.67	2.3	99.97	0.03	98.15	1.8	100	0	1.1	3	1.06	2	1.25	3	1.11	2	0	56.894118	58.8471
110+06458	8.5	163	4	0.57	2	1.04	3	1.19		0.39		0.83		97.13	2.9	87.22	12.8	96.22	3.8	84.2	15.9	1.14		1.25		1.4	4	1.9	4	0	31.041176	27.7824
110N0483(	5.88	511	3	0.02	1	1.02	3	1.07	3	0.18	3	0.33		96.62	3.4	94.97	5.03	97.82	2.2	93.3	6.71	1.06	2	1.06	2	1.16	2	1.35	3	0	48.917647	46.8118

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P10920	2.5	1128	1	0.58	2	0.97	1	0.98	1	0.05	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.05	1	0	71.370588	71.2471
110P10921	2.75	1074	1	0.73	3	0.98	1	0.98	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.04	1	0	71.111765	71.1824
110+10918	3	1008	1	1.81		0.98	1	0.97	1	0.03	1	0.04	1	100	0	100	0	100	0	100	0	1.01	1	1.03	1	1.02	1	1.02	1	0	72.229412	72.6824
110-10793	9.2	34	4	0.68	3	1.13		1.32		0.85		0.65		88.36	12	84.83	15.2	88.59	11	75.8	24.2	1.33		1.33		1.84	4	1.84	4	0	18.058824	15.4647
110N0485(	4.61	710	2	0.12	1	0.97	1	1.07	3	0.1	2	0.26	3	100	0	92.76	7.24	100	0	93.2	6.82	1.05	1	1.07	2	1.09	2	1.25	3	0	60.376471	55.5765
110-10792	7.62	276	4	0.93	3	1.02	3	1.14	3	0.35		0.29	3	97.41	2.6	97.91	2.09	97.66	2.3	87.5	12.6	1.24		1.12	3	1.35	4	1.45	3	0	19.841176	17.8412
110-13894	6.77	385	3	1.1	3	1	2	1.05	3	0.29	3	0.25	3	100	0	100	0	99.8	0.2	95.5	4.54	1.16		1.12	3	1.32	3	1.32	3	0	28.894118	27.8059
110-13898	5.25	630	2	1.09	3	0.98	1	0.98	1	0.09	2	0.16	2	100	0	100	0	100	0	100	0	1.14		1.14		1.16	2	1.21	2	0	24.641176	24.8471
110P10939	3.25	947	1	0.08	1	0.61	1	0.6	1	0	1	0	1	100	0	100	0	100	0	100	0	1.09	3	1.09	3	0.85	1	0.72	1	0	39.235294	39.4588
110N0949	7.95	240	4	0.03	1	1.07		1.1	3	0.36		0.33		94.29	5.7	93.4	6.6	93.69	6.3	90.5	9.5	1.17		1.17		1.37	4	1.37	3	0	26.882353	26.0882
110N0949	7.66	274	4	0.23	1	1.17		1.19		0.43		0.46		91.05	9	83.56	16.4	85.2	15	83.9	16.1	1.12	3	1.08	2	1.52	4	1.45	3	0	26	25.7118
110N0949	6.5	435	3	0.35	2	0.92	1	0.93	1	0.33		0.22	3	100	0	100	0	100	0	100	0	1.19		1.19		1.36	4	1.36	3	0	23.694118	23.3529
110-04944	4.88	670	2	0.32	2	1	2	1.1	3	0.08	1	0.69		100	0	91.51	8.49	99.82	0.2	91.3	8.75	1.03	1	1.05	1	1.08	1	1.7	4	0	63.076471	58.8824
110-04946	3.1	961	1	0.09	1	1	2	1.06	3	0.06	1	0.08	1	100	0	93.32	6.68	99.67	0.3	94.3	5.67	1.05	1	1.04	1	1.07	1	1.07	1	0	64.964706	62.0529
110-04947	3.26	931	1	1.44	3	1	2	1	2	0.07	1	0.07	1	100	0	99.07	0.93	100	0	100	0	1.03	1	1.03	1	1.07	1	1.06	1	0	65.858824	65.6353
110N0949	8.65	133	4	0.02	1	1.16		1.2		0.4		0.59		90.32	9.7	84.84	15.2	86.35	14	83.4	16.6	1.19		1.19		1.47	4	1.62	4	0	26.541176	25.7294
110+10939	3.5	885	1	0.78	3	0.8	1	0.78	1	0	1	0	1	100	0	100	0	100	0	100	0	1.07	2	1.09	3	0.97	1	0.9	1	0	44.905882	45.8941
110-18091	4	823	2	0.6	3	0.96	1	0.97	1	0.13	2	0.1	1	100	0	100	0	100	0	100	0	1.08	2	1.08	2	1.13	2	1.16	2	0	42.311765	41.7529
110N0948	5.56	566	3	0.45	2	1	2	1.04	3	0.13	2	0.21	3	100	0	96.44	3.56	99.62	0.4	96.4	3.56	1.09	3	1.09	3	1.15	2	1.21	2	0	45.888235	44.5824
110-18093	3.5	885	1	1.64		0.91	1	0.94	1	0.05	1	0.02	1	100	0	100	0	100	0	100	0	1.08	2	1.05	1	1.04	1	1.1	2	0	41.188235	40.1647
110N0948	8.05	233	4	0.03	1	1.12		1.07	3	0.55		0.53		88.41	12	90.08	9.92	89.08	11	93.3	6.71	1.17		1.14		1.53	4	1.47	3	0	32.752941	34.4529
110P06457	6.53	428	3	0.99	3	1.03	3	1.02	2	0.19	3	0.21	3	100	0	99.35	0.65	97.01	3	97.8	2.25	1.09	3	1.09	3	1.24	3	1.24	3	0	25.147059	25.3882
110-18081	5.51	583	3	1.97		1	2	1.02	2	0.12	2	0.21	3	100	0	99.71	0.29	99.62	0.4	98.1	1.9	1.07	2	1.07	2	1.14	2	1.23	3	0	30.647059	30.2882
110-18082	4.25	786	2	2.75		0.81	1	0.84	1	0	1	0	1	100	0	100	0	100	0	100	0	1.09	3	1.14		1.03	1	1.08	1	0	23.988235	23.0647
110-18089	6.59	413	3	1.89		0.98	1	1.14	3	0.14	2	0.44		100	0	97.33	2.67	100	0	88	12	1.08	2	1.16		1.14	2	1.59	4	0	40.605882	35.6529
110-13860	4.75	700	2	0.83	3	0.99	2	0.96	1	0.13	2	0.12	2	100	0	100	0	100	0	100	0	1.11	3	1.07	2	1.17	2	1.12	2	0	29.611765	30.5647
110N04812	3.5	885	1	0.74	3	0.96	1	0.98	1	0.06	1	0.12	2	100	0	100	0	100	0	100	0	1.05	1	1.06	2	1.05	1	1.12	2	0	65.535294	64.4529
110N04817	2.76	1047	1	0.34	2	1	2	0.99	1	0.04	1	0.07	1	98.91	1.1	100	0	100	0	100	0	1.03	1	1.05	1	1.03	1	1.06	1	0	65.194118	65.8588
110N04818	4.29	761	2	0.28	2	0.99	2	1.04	3	0.08	1	0.12	2	100	0	97.59	2.41	100	0	96.1	3.87	1.07	2	1.07	2	1.07	1	1.14	2	0	59.847059	57.0471
110+08810	3.5	877	1	0.29	2	0.98	1	1	2	0.09	2	0.1	1	100	0	99.73	0.27	100	0	100	0	1.05	1	1.07	2	1.08	1	1.1	2	0	65.094118	63.7294
110N04819	5.32	605	2	0.15	1	0.99	2	1.07	3	0.15	2	0.2	3	99.93	0.1	96.09	3.91	100	0	93.3	6.69	1.08	2	1.1	3	1.14	2	1.24	3	0	57.694118	53.5176
110N04814	6.56	417	3	0.27	2	1.1		1.18		0.17	3	0.25	3	90.38	9.6	90.26	9.74	90.78	9.2	85.1	15	1.06	2	1.08	2	1.16	2	1.33	3	0	59.052941	55.6765
110N04815	3.05	962	1	0.85	3	0.96	1	1.03	2	0.05	1	0.07	1	100	0	96.67	3.33	100	0	96.9	3.08	1.03	1	1.05	1	1.04	1	1.07	1	0	68.005882	63.5
110-13869	8.11	225	4	0.79	3	1.06	3	1.19		0.23	3	0.31	3	100	0	100	0	94.68	5.3	84.3	15.7	1.19		1.21		1.46	4	1.73	4	0	18.070588	16.3588
110-08030	7.14	321	3	2.72		1.04	3	1.18		0.15	2	0.26	3	100	0	95.6	4.4	96.53	3.5	85.1	14.9	1.11	3	1.12	3	1.25	3	1.42	3	0	40.982353	36.5941
110N04816	2.76	1051	1	0.55	2	0.96	1	1	2	0.04	1	0.08	1	100	0	99.58	0.42	100	0	99.8	0.2	1.05	1	1.05	1	1.03	1	1.08	1	0	68.670588	65.8059
110-18070	7.14	320	3	2.71		1.06	3	1.13	3	0.18	3	0.24	3	98.36	1.6	96.39	3.61	94.63	5.4	88.4	11.6	1.11	3	1.09	3	1.23	3	1.35	3	0	38.311765	36.0235
110-18079	5.3	609	2	2.11		1.03	3	1.03	2	0.17	3	0.13	2	98.27	1.7	99.5	0.5	96.67	3.3	97.3	2.67	1.05	1	1.05	1	1.19	3	1.15	2	0	40.147059	40.4118
110-18074	8.96	67	4	0.26	2	1.21		1.2		0.82		0.65		84.66	15	86.05	14	82.5	18	83.2	16.9	1.24		1.24		1.87	4	1.71	4	0	34.241176	34.6235
110N0484	7.76	263	4	0.07	1	1.21		1.19		0.42		0.41		82.72	17	82.8	17.2	82.66	17	84	16	1.1	3	1.07	2	1.42	4	1.39	3	0	46.047059	46.6765
110N0484	2.25	1160	1	0.24	1	0.97	1	0.95	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.07	1	1.05	1	0	57.605882	58.4059
110N0484	3.51	872	2	0.11	1	1	2	0.99	1	0.11	2	0.12	2	99.29	0.7	99.78	0.22	99.59	0.4	100	0	1.04	1	1.04	1	1.11	2	1.11	2	0	57.458824	58.0529
110-13852	6.95	349	3	1.89		1.04	3	1.14	3	0.23	3	0.28	3	95.54	4.5	92.28	7.72	96	4	87.7	12.3	1.08	2	1.09	3	1.23	3	1.35	3	0	40.064706	36.8941
110-13853	6.1	478	3	2.26		1.01	3	1.1	3	0.12	2	0.2	3	99.1	0.9	95.3	4.7	99.13	0.9	91.2	8.78	1.07	2	1.08	2	1.12	2	1.25	3	0	44.547059	41.2706

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110N0484	4.27	768	2	0.11	1	1.01	3	0.97	1	0.18	3	0.11	2	98.66	1.3	100	0	99.14	0.9	100	0	1.07	2	1.06	2	1.17	2	1.09	1	0	57.405882	59.0941
110N0484	5.09	640	2	0.1	1	1.04	3	1	2	0.2	3	0.18	3	95.66	4.3	97.15	2.85	96.13	3.9	99.5	0.49	1.05	1	1.06	2	1.2	3	1.15	2	0	55.388235	57.2176
110-13851	6.88	353	3	1.93		0.99	2	1.15		0.18	3	0.3	3	99.23	0.8	94.52	5.48	100	0	87.3	12.7	1.09	3	1.11	3	1.17	2	1.41	3	0	34.017647	29.7824
110+06467	5.5	592	2	1.64		0.98	1	0.95	1	0.18	3	0.12	2	100	0	100	0	100	0	100	0	1.13	3	1.09	3	1.22	3	1.14	2	0	33.629412	34.8824
110-13856	6.71	392	3	0.62	3	1.06	3	1.14	3	0.2	3	0.29	3	96.02	4	91.74	8.26	93.99	6	88.1	11.9	1.08	2	1.09	3	1.23	3	1.35	3	0	39.217647	37
110+06468	6.03	494	3	2.28		1.04	3	1.01	2	0.2	3	0.19	3	100	0	99.06	0.94	95.89	4.1	99.3	0.72	1.07	2	1.07	2	1.25	3	1.18	2	0	43.276471	44.8059
110-13857	6.63	403	3	1.11	3	1.05	3	1.13	3	0.18	3	0.27	3	99.13	0.9	96.48	3.52	94.92	5.1	88.5	11.5	1.1	3	1.07	2	1.23	3	1.39	3	0	31.570588	29.6176
110-08026	3.25	939	1	7.14		1	2	0.98	1	0.08	1	0.09	1	100	0	99.91	0.09	100	0	100	0	1.05	1	1.05	1	1.08	1	1.06	1	0	62.817647	63.9824
110+06469	3.5	885	1	2.39		0.98	1	0.95	1	0.11	2	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.04	1	1.12	2	1.07	1	0	45.552941	47.0294
110+06464	4.5	745	2	1.59		0.93	1	1	2	0.1	2	0.1	1	100	0	100	0	100	0	100	0	1.08	2	1.11	3	1.08	1	1.18	2	0	40.741176	37.9
110+05379	5.15	636	2	1.36	3	0.98	1	1.16		0.05	1	1.29		100	0	92.15	7.85	100	0	85.9	14.1	1.03	1	1.04	1	1.04	1	2.46	4	0	69.782353	60.6882
110N0484	3.27	919	1	0.1	1	0.97	1	1.01	2	0.08	1	0.12	2	100	0	98.08	1.92	100	0	99.1	0.87	1.05	1	1.07	2	1.07	1	1.11	2	0	62.764706	60.5294
110+06465	4.25	786	2	1.57		0.9	1	0.97	1	0.07	1	0.03	1	100	0	100	0	100	0	100	0	1.09	3	1.1	3	1.08	1	1.11	2	0	35.741176	33.3588
110+06466	6.82	366	3	1.87		1.03	3	1.14	3	0.27	3	0.15	2	100	0	100	0	97.38	2.6	88.1	11.9	1.16		1.08	2	1.33	3	1.33	3	0	28.552941	25.9294
110-13859	7.32	304	3	1.94		1.04	3	1.11	3	0.22	3	0.32	3	100	0	100	0	96.3	3.7	89.7	10.3	1.1	3	1.11	3	1.32	3	1.51	4	0	30.705882	28.8765
110+06460	4.75	700	2	1.43	3	0.9	1	0.93	1	0.11	2	0.11	2	100	0	100	0	100	0	100	0	1.11	3	1.11	3	1.11	2	1.16	2	0	30.841176	29.9647
110+06461	8.56	152	4	0.75	3	1.08		1.18		0.35		0.49		93.44	6.6	87.15	12.9	92.93	7.1	84.5	15.5	1.13	3	1.11	3	1.36	4	1.53	4	0	32.764706	30.0176
110+06462	6.27	466	3	2.67		0.99	2	1.05	3	0.13	2	0.18	3	100	0	100	0	100	0	95	4.96	1.09	3	1.13	3	1.14	2	1.27	3	0	34.594118	32.7706
110-08029	4.75	695	2	1.48		0.99	2	1.01	2	0.04	1	0.05	1	100	0	100	0	100	0	99.2	0.81	1.11	3	1.07	2	1.16	2	1.16	2	0	48.947059	48.1882
110-08027	4.51	733	2	0.94	3	1.01	3	0.97	1	0.17	3	0.11	2	100	0	99.92	0.08	98.69	1.3	100	0	1.05	1	1.03	1	1.19	3	1.08	1	0	57.658824	60.0176
110-08028	4.51	734	2	2.2		1.01	3	0.99	1	0.09	2	0.1	1	100	0	100	0	98.89	1.1	100	0	1.06	2	1.05	1	1.12	2	1.1	2	0	56.629412	57.7118
110-04905	3	1008	1	1.69		0.97	1	0.97	1	0.04	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.04	1	1.04	1	0	67.794118	67.6353
110-04907	2.75	1074	1	0.9	3	0.96	1	0.96	1	0.03	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.05	1	1.03	1	1.05	1	0	62.488235	62.2588
110-18069	6.89	351	3	2.9		1.04	3	1.14	3	0.24	3	0.26	3	98.18	1.8	95.54	4.46	95.82	4.2	87.9	12.1	1.13	3	1.07	2	1.27	3	1.37	3	0	32.841176	30.3294
110-04902	3.54	861	2	3.02		0.99	2	1.01	2	0.04	1	0.08	1	100	0	96.77	3.23	100	0	98.8	1.25	1.03	1	1.03	1	1.04	1	1.06	1	0	69.658824	68.0941
110-04903	3	985	1	1.59		0.98	1	0.97	1	0.05	1	0.07	1	100	0	99.82	0.18	100	0	100	0	1.03	1	1.03	1	1.05	1	1.04	1	0	69.223529	69.6471
110+06459	8.24	201	4	1.9		1.05	3	1.16		0.27	3	0.56		95.8	4.2	89.13	10.9	95.61	4.4	86.3	13.7	1.11	3	1.17		1.27	3	1.61	4	0	29.158824	26.7176
110N0483	5.67	549	3	0.11	1	1.04	3	1.07	3	0.18	3	0.29	3	95.68	4.3	92.24	7.76	96.06	3.9	93.3	6.71	1.07	2	1.06	2	1.17	2	1.28	3	0	55.352941	53.8235
110N0483	3.5	885	1	0.13	1	0.97	1	0.96	1	0.11	2	0.12	2	100	0	100	0	100	0	100	0	1.05	1	1.07	2	1.11	2	1.11	2	0	59.4	59.8
110P08810	2.5	1128	1	0.03	1	0.97	1	0.98	1	0.07	1	0.08	1	100	0	100	0	100	0	100	0	1.07	2	1.03	1	1.06	1	1.08	1	0	65.682353	64.9176
110P18883	6.67	396	3	0.06	1	1.06	3	1.11	3	0.24	3	0.41		99.76	0.2	91.15	8.85	94.4	5.6	89.8	10.2	1.07	2	1.25		1.31	3	1.43	3	0	14.829412	14.1824
110P10919	2.75	1074	1	0.69	3	0.97	1	0.97	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.03	1	1.03	1	0	72.129412	72.2294
110P10918	2.5	1128	1	0.58	2	0.97	1	0.98	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.02	1	1.03	1	1.04	1	1.04	1	0	71.370588	71.1529
110N0485	4.05	798	2	0.05	1	0.98	1	1.03	2	0.09	2	0.14	2	100	0	96.21	3.79	100	0	96.6	3.37	1.06	2	1.06	2	1.09	2	1.13	2	0	56.541176	53.9471
110P10918	2.5	1128	1	0.58	2	0.97	1	0.98	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.02	1	1.03	1	1.04	1	1.04	1	0	71.370588	71.1529
110P10918	2.5	1128	1	0.58	2	0.97	1	0.98	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.02	1	1.03	1	1.04	1	1.04	1	0	71.370588	71.1529
110-10791	6.82	362	3	3.04		1.03	3	1.07	3	0.1	2	0.36		100	0	97.62	2.38	96.69	3.3	93.2	6.84	1.06	2	1.12	3	1.18	3	1.43	3	0	19.341176	18.7765
110N04851	4.61	709	2	0.13	1	1	2	1.07	3	0.12	2	0.2	3	98.71	1.3	93.23	6.77	99.76	0.2	93.7	6.35	1.05	1	1.07	2	1.11	2	1.2	2	0	58.676471	55.4529
110-10795	9.02	60	4	2.19		1.1		1.25		0.34		0.4		96.08	3.9	91.49	8.51	90.91	9.1	80.3	19.7	1.1	3	1.18		1.41	4	1.6	4	0	21.788235	19.4
110N0485	4.31	754	2	0.07	1	0.99	2	1.04	3	0.11	2	0.16	2	100	0	95.92	4.08	100	0	96.3	3.66	1.05	1	1.07	2	1.11	2	1.16	2	0	56.417647	53.7706
110-10794	6.51	433	3	2.63		0.96	1	1.03	2	0.2	3	0.18	3	100	0	100	0	100	0	97.2	2.79	1.15		1.11	3	1.19	3	1.26	3	0	22.382353	20.9529
110-10797	5.58	560	3	3.77		1	2	1.13	3	0.13	2	0.17	2	100	0	98.32	1.68	99.9	0.1	88.2	11.8	1.06	2	1.07	2	1.17	2	1.31	3	0	33.929412	30.1059
110-10796	8.21	208	4	1.93		1.06	3	1.18		0.29	3	0.38		96.24	3.8	93.33	6.67	94.13	5.9	84.6	15.5	1.12	3	1.14		1.32	3	1.53	4	0	27.241176	24.6941
110-10799	6.9	350	3	2.91		1.04	3	1.13	3	0.2	3	0.29	3	98.36	1.6	94.41	5.59	96.11	3.9	88.6	11.4	1.1	3	1.07	2	1.22	3	1.37	3	0	32.935294	30.5588

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P04899	3.59	855	2	0.38	2	0.99	2	1.08	3	0.04	1	0.1	1	100	0	94.29	5.71	100	0	92.6	7.41	1.03	1	1.03	1	1.04	1	1.12	2	0	71.470588	66.1294
110+06481	8.45	177	4	1.85		1.07		1.2		0.24	3	0.35		99.05	1	92.23	7.77	93.8	6.2	83.1	16.9	1.18		1.12	3	1.31	3	1.5	4	0	19.729412	17.6941
110P08802	3.26	927	1	0.78	3	0.99	2	1	2	0.07	1	0.08	1	100	0	98.86	1.14	100	0	99.9	0.1	1.03	1	1.03	1	1.07	1	1.07	1	0	69.029412	68.4412
110P08805	5.24	633	2	0.6	3	1.22		0.99	1	2.02		0.08	1	86.3	14	98.95	1.05	82.11	18	100	0	1.04	1	1.03	1	3.17	4	1.06	1	0	60.617647	70.2824
110+10798	6.34	449	3	5.53		1.04	3	1.11	3	0.14	2	0.19	3	100	0	97.79	2.21	95.92	4.1	89.8	10.2	1.1	3	1.03	1	1.21	3	1.3	3	0	32.352941	30.4235
110+10796	9.29	21	4	1.99		1.09		1.25		0.38		0.4		94.05	6	91.34	8.66	92.1	7.9	80	20	1.15		1.18		1.41	4	1.6	4	0	22.064706	19.3647
110+06478	5.79	529	3	2.6		0.98	1	1.09	3	0.14	2	0.15	2	100	0	100	0	100	0	92	8.01	1.09	3	1.1	3	1.14	2	1.27	3	0	34.970588	31.6647
110+06474	8.85	96	4	2		1.17		1.2		0.37		0.41		91.06	8.9	89.44	10.6	85.84	14	83.7	16.3	1.1	3	1.13	3	1.46	4	1.51	4	0	33.747059	33.0059
110+06477	8.38	187	4	1.07	3	1.07		1.16		0.32		0.26	3	97.62	2.4	100	0	93.23	6.8	85.9	14.1	1.13	3	1.14		1.38	4	1.49	4	0	34.870588	32.3176
110+05380	6.37	445	3	1.95		1	2	1.1	3	0.05	1	0.5		99.21	0.8	93.44	6.56	100	0	90.9	9.12	1.03	1	1.04	1	1.04	1	1.55	4	1	69.447059	64.0176
110+06471	8.2	210	4	3.25		1.13		1.27		0.3		0.11	2	96.03	4	100	0	88.36	12	78.7	21.3	1.12	3	1.1	3	1.41	4	1.52	4	0	36.447059	32.7176
110+06472	7.1	328	3	1.75		1.03	3	1.12	3	0.22	3	0.27	3	100	0	96.33	3.67	96.97	3	89.6	10.4	1.12	3	1.13	3	1.28	3	1.37	3	0	37.147059	34.4176
110P04853	6.85	357	3	0.02	1	1.03	3	1.13	3	0.42		0.76		98.53	1.5	98.74	1.26	96.77	3.2	88.8	11.2	1.05	1	1.1	3	1.44	4	1.96	4	0	53.729412	50.1118
110N08808	5.48	595	2	0.73	3	0.99	2	1.18		0.06	1	1.32		100	0	84.83	15.2	100	0	84.5	15.5	1.04	1	1.03	1	1.06	1	2.33	4	0	70.735294	61.9941
110P04851	6.27	467	3	0.17	1	1.05	3	1.15		0.19	3	0.8		94.33	5.7	87.65	12.4	94.85	5.2	87	13	1.05	1	1.05	1	1.18	3	1.81	4	0	55.547059	51.8647
110N08806	5.4	597	2	0.45	2	0.98	1	1.15		0.09	2	1.2		100	0	90.98	9.02	100	0	87.1	12.9	1.03	1	1.08	2	1.07	1	2.29	4	0	67.594118	60.0118
110P04852	7.7	268	4	0.1	1	1.05	3	1.19		0.49		1.24		96.83	3.2	93.58	6.42	95.1	4.9	84.2	15.8	1.08	2	1.18		1.52	4	2.49	4	0	53.011765	48.2647
110-06473	8.79	109	4	1.72		1.11		1.21		0.28	3	0.45		96.42	3.6	87.99	12	90	10	83	17	1.13	3	1.14		1.37	4	1.53	4	0	34.494118	32.1353
110-06472	5.26	625	2	0.78	3	0.98	1	1.02	2	0.11	2	0.16	2	100	0	100	0	100	0	98.1	1.9	1.11	3	1.11	3	1.18	3	1.21	2	0	39.505882	38.1471
110-06474	6.29	459	3	3.08		0.99	2	1.07	3	0.09	2	0.18	3	100	0	98.81	1.19	100	0	93.5	6.52	1.09	3	1.1	3	1.15	2	1.25	3	0	46.311765	43.2941
110-06477	5.79	530	3	2.9		1	2	1.08	3	0.14	2	0.16	2	100	0	100	0	99.82	0.2	92.8	7.22	1.06	2	1.06	2	1.18	3	1.26	3	0	35.211765	32.8235
110-06476	7.68	270	4	0.8	3	1.06	3	1.15		0.23	3	0.44		100	0	91.43	8.57	94.6	5.4	87.2	12.8	1.12	3	1.13	3	1.3	3	1.51	4	0	35.682353	33.2588
110-06464	6.82	368	3	1.51		1	2	1.12	3	0.23	3	0.26	3	100	0	98.61	1.39	100	0	89.3	10.7	1.13	3	1.11	3	1.23	3	1.39	3	0	33.341176	30.0176
110-06466	7.81	260	4	1.75		1.04	3	1.1	3	0.24	3	0.23	3	100	0	100	0	96.08	3.9	91	9.02	1.14		1.14		1.35	4	1.41	3	0	32.470588	30.9706
110-06458	7.32	306	3	1.83		1.04	3	1.02	2	0.32		0.22	3	97.72	2.3	98.97	1.03	95.76	4.2	97.5	2.46	1.12	3	1.11	3	1.35	4	1.24	3	0	28.564706	29.0882
110+09495	5.54	571	3	2.24		1.01	3	1.03	2	0.14	2	0.17	2	100	0	98.31	1.69	99.02	1	97	2.96	1.07	2	1.07	2	1.19	3	1.19	2	0	31.688235	31.1412
110+09492	8.39	186	4	0.53	2	1.04	3	1.17		0.48		0.47		96.75	3.3	98.48	1.52	96.47	3.5	85.3	14.7	1.2		1.17		1.49	4	1.7	4	0	23.052941	20.6412
110+09493	6.05	488	3	2.82		1	2	1.06	3	0.15	2	0.25	3	100	0	98.26	1.74	100	0	93.9	6.14	1.07	2	1.12	3	1.15	2	1.31	3	0	28.870588	27.1941
110P13895	8.74	116	4	0.02	1	1.26		1.23		0.57		0.69		87.67	12	83.39	16.6	79.54	20	81.2	18.8	1.18		1.33		1.73	4	1.73	4	0	23.458824	24.0706
110P04949	3.01	972	1	0.68	3	0.98	1	1.01	2	0.05	1	0.07	1	100	0	99.25	0.75	100	0	99	0.99	1.03	1	1.05	1	1.06	1	1.08	1	0	68.011765	66.2059
110P04948	3.26	929	1	0.62	3	0.97	1	1.01	2	0.07	1	0.1	1	100	0	99.22	0.78	100	0	99.4	0.62	1.05	1	1.05	1	1.07	1	1.1	2	0	65.658824	63.6941
110P04943	5.1	638	2	0.44	2	1.02	3	1.04	3	0.2	3	0.16	2	97.49	2.5	95.9	4.1	98.15	1.8	95.7	4.27	1.05	1	1.05	1	1.19	3	1.16	2	0	56.352941	55
110P18094	8.91	83	4	0.11	1	1.24		1.42		0.72		0.61		79.61	20	79.38	20.6	80.37	20	70.3	29.7	1.14		1.16		1.71	4	1.81	4	0	23.311765	20.6
110P04944	4.59	713	2	0.49	2	1.02	3	1.05	3	0.09	2	0.12	2	98.31	1.7	95.86	4.14	98.44	1.6	95.2	4.76	1.05	1	1.05	1	1.09	2	1.12	2	0	62.270588	60.5882
110+09488	6.29	460	3	1.62		1.02	3	1	2	0.26	3	0.16	2	97.05	3	100	0	97.55	2.5	99.7	0.35	1.09	3	1.09	3	1.25	3	1.17	2	0	34.1	34.9059
110P18091	6.77	388	3	0.57	2	1.01	3	1.02	2	0.26	3	0.27	3	99.54	0.5	100	0	98.66	1.3	98.5	1.55	1.14		1.14		1.27	3	1.32	3	0	38.970588	38.9235
110+09487	6.6	411	3	0.96	3	1.02	3	1.02	2	0.27	3	0.28	3	96.72	3.3	96.04	3.96	97.53	2.5	97.9	2.1	1.12	3	1.12	3	1.26	3	1.26	3	0	35.594118	35.8
110+09481	4.25	779	2	2.13		0.9	1	1.01	2	0.07	1	0.03	1	100	0	100	0	100	0	99.4	0.61	1.09	3	1.06	2	1.05	1	1.17	2	0	37.323529	33.6765
110+09482	6.61	408	3	2.26		1.01	3	1.07	3	0.18	3	0.27	3	97.88	2.1	94.72	5.28	98.78	1.2	93.7	6.28	1.08	2	1.09	3	1.17	2	1.28	3	0	39.276471	37.4
110P04719	5.15	635	2	0.82	3	1.13		0.98	1	0.52		0.09	1	90.72	9.3	99.67	0.33	88.23	12	100	0	1.05	1	1.03	1	1.56	4	1.07	1	0	60.911765	68.1588
110P04958	3.26	925	1	0.71	3	0.99	2	1	2	0.06	1	0.07	1	100	0	98.76	1.24	100	0	99.9	0.1	1.04	1	1.03	1	1.06	1	1.06	1	0	70.788235	69.7765
110P04959	7.28	310	3	0.02	1	1.12		1.08	3	0.37		0.27	3	89.1	11	91.84	8.16	89.42	11	92.7	7.32	1.09	3	1.09	3	1.36	4	1.26	3	0	60.888235	62.3706
110P04950	5.31	607	2	0.37	2	0.99	2	1.07	3	0.12	2	0.19	3	100	0	97.19	2.81	100	0	93.4	6.61	1.06	2	1.07	2	1.11	2	1.24	3	0	64.047059	59.1059
110-10803	7.16	317	3	2.98		1.04	3	1.11	3	0.2	3	0.24	3	97.08	2.9	93.6	6.4	96.5	3.5	89.7	10.4	1.09	3	1.09	3	1.21	3	1.29	3	0	37.329412	34.8235

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P04726	3	988	1	0.25	2	1	2	0.99	1	0.09	2	0.07	1	99.99	0	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.06	1	0	61.829412	62.5647
110P04721	5.63	553	3	0.35	2	1.15		0.99	1	0.8		0.1	1	93.21	6.8	100	0	86.77	13	100	0	1.11	3	1.05	1	1.93	4	1.1	2	0	55.552941	62.2176
110-05443	3	988	1	5.29		0.98	1	0.99	1	0.05	1	0.06	1	100	0	99.99	0.01	100	0	100	0	1.03	1	1.01	1	1.04	1	1.04	1	0	72.305882	71.7882
110-10798	6.71	393	3	0.09	1	1.07		1.09	3	0.26	3	0.34		96.75	3.3	89.55	10.5	93.55	6.5	91.6	8.41	1.08	2	1.11	3	1.31	3	1.31	3	0	39.058824	38.4
110+10921	3	1008	1	1.65		0.97	1	0.97	1	0.04	1	0.04	1	100	0	100	0	100	0	100	0	1.01	1	1.01	1	1.03	1	1.03	1	0	71.923529	71.9647
110+10920	2.75	1074	1	0.82	3	0.98	1	0.97	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.04	1	0	71.3	71.4471
110+18883	4.25	786	2	2.31		1	2	0.96	1	0.07	1	0.11	2	100	0	100	0	100	0	100	0	1.07	2	1	1	1.13	2	1.13	2	0	15.852941	16.5235
110+10793	6.81	373	3	0.81	3	1	2	1.12	3	0.25	3	0.25	3	100	0	100	0	99.74	0.3	88.9	11.1	1.11	3	1.19		1.26	3	1.44	3	0	20.141176	18.0471
110+10792	6.03	495	3	3.83		0.98	1	1.05	3	0.2	3	0.2	3	99.67	0.3	99.43	0.57	100	0	95.6	4.42	1.06	2	1.13	3	1.17	2	1.25	3	0	19.058824	18.0471
110P08803	2.75	1074	1	0.59	2	0.99	2	0.99	1	0.05	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.05	1	1.05	1	0	69.094118	68.9765
110P08804	4.06	797	2	1.24	3	1.03	3	1	2	0.09	2	0.08	1	96.42	3.6	99.44	0.56	96.63	3.4	100	0	1.03	1	1.03	1	1.09	2	1.07	1	0	68.676471	70.8941
110P08806	3	1008	1	0.61	3	0.99	2	0.98	1	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.06	1	1.05	1	0	69.423529	70.3118
110P08807	2.75	1074	1	0.35	2	0.99	2	0.99	1	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.06	1	1.06	1	0	69.535294	69.5118
110P08808	3	1008	1	1.05	3	0.99	2	0.99	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.05	1	0	70.264706	69.8529
110P08809	3.26	932	1	0.26	2	0.98	1	1	2	0.08	1	0.11	2	100	0	99.16	0.84	100	0	100	0	1.03	1	1.03	1	1.08	1	1.1	2	0	66.905882	65.9706
110+10799	9.36	16	4	0.35	2	1.44		1.49		0.87		0.85		73.82	26	71.88	28.1	69.39	31	67	33.1	1.16		1.23		1.99	4	1.99	4	0	22.076471	21.4235
110+10797	7.59	282	4	2.06		1.06	3	1.13	3	0.24	3	0.25	3	100	0	100	0	94.15	5.8	88.8	11.2	1.12	3	1.14		1.35	4	1.42	3	0	26.741176	25.4412
110+10795	6.56	418	3	2.15		0.97	1	1.15		0.21	3	0.16	2	100	0	100	0	100	0	87.2	12.8	1.09	3	1.11	3	1.23	3	1.37	3	0	23.794118	20.3941
110+10794	8.06	232	4	0.71	3	1	2	1.14	3	0.43		0.46		100	0	100	0	99.74	0.3	88	12	1.17		1.19		1.44	4	1.69	4	0	20.141176	17.8706
110N04899	2.5	1116	1	0.27	2	0.98	1	0.99	1	0.05	1	0.07	1	100	0	99.64	0.36	100	0	100	0	1.03	1	1.03	1	1.04	1	1.06	1	0	72.217647	71.6471
110+06479	6.63	402	3	1.39	3	1.04	3	1.06	3	0.22	3	0.2	3	95.96	4	96.4	3.6	95.75	4.3	94.1	5.89	1.09	3	1.06	2	1.23	3	1.23	3	0	36.382353	35.8176
110+06475	5.27	618	2	2.76		0.99	2	1.04	3	0.1	2	0.11	2	100	0	100	0	100	0	95.8	4.19	1.07	2	1.07	2	1.14	2	1.19	2	0	48.041176	45.7882
110+06476	6.85	359	3	2.02		1.05	3	1.11	3	0.25	3	0.18	3	99.02	1	98.86	1.14	94.91	5.1	89.9	10.1	1.1	3	1.08	2	1.3	3	1.3	3	0	43.347059	41.0588
110+06470	8.41	179	4	2.55		1.1		1.3		0.26	3	0.29	3	100	0	100	0	91.23	8.8	76.7	23.3	1.11	3	1.17		1.4	4	1.83	4	0	38.505882	32.9824
110+06473	6.82	369	3	0.85	3	1.01	3	1.09	3	0.16	3	0.2	3	100	0	97.63	2.37	99.34	0.7	92.1	7.9	1.11	3	1.09	3	1.2	3	1.28	3	0	38.011765	35.3824
110N08804	3.25	936	1	2.41		0.99	2	0.98	1	0.08	1	0.08	1	100	0	99.66	0.34	100	0	100	0	1.04	1	1.03	1	1.07	1	1.06	1	0	69.388235	69.7765
110N08805	3.25	937	1	0.76	3	0.99	2	1	2	0.07	1	0.06	1	100	0	99.67	0.33	100	0	100	0	1.03	1	1.03	1	1.07	1	1.06	1	0	70.264706	69.8294
110N08802	2.75	1074	1	0.62	3	0.98	1	0.98	1	0.06	1	0.04	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.04	1	0	69.829412	69.8235
110N08803	3	980	1	0.75	3	0.99	2	0.99	1	0.07	1	0.07	1	100	0	99.68	0.32	100	0	100	0	1.03	1	1.03	1	1.07	1	1.05	1	0	70.2	70.4059
110-06480	9.09	47	4	1.66		1.08		1.33		0.32		0.53		93.7	6.3	88.17	11.8	92.31	7.7	75.4	24.6	1.11	3	1.21		1.34	4	1.79	4	0	19.852941	16.5176
110N08809	3.53	863	2	0.34	2	0.99	2	1.01	2	0.1	2	0.09	1	100	0	97.45	2.55	100	0	98.6	1.38	1.03	1	1.03	1	1.09	2	1.07	1	0	69.288235	67.9235
110N08807	5.8	528	3	0.66	3	0.99	2	1.28		0.06	1	2.47		100	0	81.32	18.7	100	0	78.2	21.8	1.03	1	1.06	2	1.05	1	3.61	4	0	69.505882	58.2647
110P04850	4.84	673	2	0.19	1	1	2	1.06	3	0.1	2	0.2	3	99.56	0.4	94.8	5.2	100	0	94.1	5.92	1.06	2	1.06	2	1.09	2	1.21	2	0	58.423529	55.3294
110-06475	6.84	360	3	2.02		1.06	3	1.06	3	0.18	3	0.21	3	99.64	0.4	97.1	2.9	93.95	6.1	94.2	5.77	1.1	3	1.07	2	1.25	3	1.25	3	0	43.570588	43.6176
110-05380	5.67	551	3	4.82		1.04	3	1.11	3	0.07	1	0.95		95.58	4.4	94.8	5.2	95.83	4.2	90.4	9.61	1.01	1	1.04	1	1.07	1	2.05	4	0	66.447059	63.5294
110-06471	6.82	365	3	1.62		1.07		1.09	3	0.2	3	0.15	2	100	0	100	0	93.39	6.6	92.1	7.95	1.12	3	1.06	2	1.3	3	1.26	3	0	37.582353	37.1059
110-06470	7.94	242	4	3.69		1.02	3	1.29		0.15	2	0.51		100	0	92.98	7.02	98.04	2	77.3	22.7	1.11	3	1.14		1.25	3	1.82	4	0	39.129412	31.5176
110-06479	4.76	692	2	3.78		0.94	1	1.02	2	0.09	2	0.1	1	100	0	100	0	100	0	98.2	1.84	1.08	2	1.09	3	1.09	2	1.19	2	0	26.505882	24.6353
110-06478	4.76	691	2	1.58		0.92	1	1.02	2	0.1	2	0.1	1	100	0	100	0	100	0	97.9	2.08	1.1	3	1.07	2	1.06	1	1.23	3	0	33.488235	30.2294
110-06462	7.05	343	3	2.5		1	2	1.1	3	0.19	3	0.23	3	100	0	100	0	99.93	0.1	91	9.01	1.12	3	1.17		1.23	3	1.43	3	0	35.888235	32.9706
110-06461	7.09	334	3	3.09		1.05	3	1.08	3	0.23	3	0.19	3	98.17	1.8	98.95	1.05	95.62	4.4	92.5	7.5	1.09	3	1.09	3	1.27	3	1.27	3	0	35.217647	34.1588
110-06463	4.5	745	2	1.76		0.96	1	1	2	0.15	2	0.11	2	100	0	100	0	100	0	100	0	1.08	2	1.05	1	1.11	2	1.14	2	0	40.264706	38.9882
110-06460	6.54	424	3	0.81	3	0.99	2	1.06	3	0.26	3	0.25	3	100	0	99.06	0.94	100	0	94.2	5.77	1.09	3	1.1	3	1.27	3	1.32	3	0	34.388235	32.3353
110-06469	8.33	195	4	0.67	3	1.13		1.09	3	0.47		0.4		88.24	12	89.28	10.7	88.53	11	91.4	8.6	1.12	3	1.15		1.47	4	1.37	3	0	36.370588	37.5529

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-06465	8.17	214	4	2.22		1.08		1.23		0.24	3	0.28	3	99.16	0.8	96.61	3.39	92.46	7.5	81.4	18.7	1.15		1.12	3	1.33	3	1.52	4	0	29.741176	26.3118
110-05379	6.21	472	3	2.02		1.05	3	1.14	3	0.1	2	0.87		94.86	5.1	91.99	8.01	95.63	4.4	87.7	12.3	1.03	1	1.04	1	1.09	2	1.97	4	0	65.794118	60.9
110-06468	4.75	700	2	2.85		0.96	1	0.97	1	0.09	2	0.12	2	100	0	100	0	100	0	100	0	1.07	2	1.09	3	1.09	2	1.11	2	0	46.435294	46.0765
110-06467	6.51	432	3	2.33		1.01	3	1.01	2	0.17	3	0.18	3	100	0	100	0	98.63	1.4	98.5	1.52	1.1	3	1.1	3	1.21	3	1.21	2	0	44.182353	44.1765
110N08810	3.28	918	1	0.14	1	1	2	1.01	2	0.11	2	0.1	1	99.3	0.7	98.51	1.49	99.59	0.4	99.4	0.64	1.03	1	1.03	1	1.11	2	1.09	1	0	65.276471	65.0706
110-06459	6.75	391	3	1.47		0.99	2	1	2	0.28	3	0.2	3	100	0	100	0	100	0	99.9	0.11	1.16		1.12	3	1.31	3	1.25	3	0	28.017647	27.7235
110-06457	4.75	700	2	0.49	2	0.98	1	0.97	1	0.16	3	0.23	3	100	0	100	0	100	0	100	0	1.1	3	1.06	2	1.17	2	1.21	2	0	33.488235	33.7765
110+09491	4	823	2	0.6	3	0.81	1	0.88	1	0.03	1	0	1	100	0	100	0	100	0	100	0	1.15		1.12	3	1.03	1	1.08	1	0	29.452941	27.2941
110+09494	5	663	2	1.6		0.98	1	0.96	1	0.15	2	0.18	3	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.19	3	1.19	2	0	29.258824	29.8
110P13899	6.01	502	3	0.39	2	0.96	1	1.03	2	0.15	2	0.24	3	100	0	100	0	100	0	97.4	2.62	1.13	3	1.21		1.29	3	1.53	4	0	17.552941	16.5176
110+09490	7.35	302	3	1.18	3	1.07		1.1	3	0.25	3	0.19	3	98.13	1.9	100	0	93.56	6.4	91.1	8.92	1.16		1.12	3	1.31	3	1.37	3	0	28.317647	27.6706
110N05444	2.75	1074	1	0.27	2	0.99	2	0.98	1	0.07	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.07	1	1.04	1	0	71.594118	71.9176
110N05443	2.5	1128	1	0.37	2	0.98	1	0.98	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.01	1	1.03	1	1.05	1	1.04	1	0	71.852941	72.0765
110P04947	3.27	922	1	0.16	1	0.99	2	1.01	2	0.08	1	0.11	2	100	0	99.09	0.91	100	0	98.7	1.28	1.03	1	1.05	1	1.07	1	1.11	2	0	65.382353	63.7824
110P04945	3.57	857	2	0.14	1	1	2	1.05	3	0.08	1	0.1	1	99.66	0.3	95.64	4.36	100	0	95.7	4.35	1.07	2	1.03	1	1.08	1	1.1	2	0	62.658824	60.2765
110P04946	2.76	1052	1	0.34	2	0.97	1	1	2	0.08	1	0.1	1	100	0	99.49	0.51	100	0	100	0	1.05	1	1.05	1	1.07	1	1.09	1	0	64.764706	63.3647
110P18095	8.48	171	4	0.4	2	1.18		1.24		0.36		0.46		97.97	2	95.86	4.14	85.09	15	80.6	19.4	1.12	3	1.23		1.56	4	1.74	4	0	26.582353	25.4824
110+09489	7.2	313	3	2.13		1.09		1.13	3	0.26	3	0.24	3	93.84	6.2	96.18	3.82	91.62	8.4	88.7	11.3	1.11	3	1.07	2	1.29	3	1.34	3	0	29.505882	28.7235
110P18092	8.11	224	4	0.01	1	1.12		1.16		0.49		0.57		89.06	11	87.36	12.6	89.27	11	86	14.1	1.08	2	1.15		1.48	4	1.59	4	0	38.470588	37.0471
110+09485	7.09	336	3	1.85		1.01	3	1.06	3	0.22	3	0.27	3	97.97	2	96.7	3.3	99.1	0.9	94.4	5.65	1.09	3	1.13	3	1.21	3	1.3	3	0	34.676471	33.1235
110+09484	6.8	377	3	1.91		0.99	2	1.05	3	0.26	3	0.24	3	98.87	1.1	98.33	1.67	100	0	95.6	4.41	1.12	3	1.09	3	1.24	3	1.28	3	0	37.247059	35.4824
110+09486	7.56	287	4	1.63		1	2	1.05	3	0.32		0.35		99.67	0.3	96.79	3.21	99.67	0.3	94.8	5.24	1.15		1.11	3	1.32	3	1.38	3	0	30.1	28.8118
110+09480	5.35	601	2	5.35		1.01	3	1.1	3	0.15	2	0.16	2	98.53	1.5	96.86	3.14	99.35	0.7	90.8	9.19	1.05	1	1.05	1	1.14	2	1.24	3	0	41.705882	38.2706
110+09483	5.55	569	3	4.58		1.01	3	1.03	2	0.16	3	0.15	2	99.54	0.5	97.77	2.23	99.04	1	96.8	3.2	1.08	2	1.08	2	1.17	2	1.17	2	0	40.382353	39.5176
110N05442	2.5	1128	1	0.56	2	0.98	1	0.97	1	0.05	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.02	1	1.05	1	1.03	1	0	70.505882	71.3765
110P04718	3.75	851	2	1.13	3	0.98	1	0.98	1	0.1	2	0.1	1	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.09	2	1.09	1	0	56.776471	56.9529
110P04717	2.75	1074	1	0.65	3	0.98	1	0.99	1	0.08	1	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.07	1	1.08	1	0	62.258824	61.3824
110P04956	2.5	1128	1	0.43	2	0.98	1	0.98	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.07	1	1.05	1	0	70.517647	70.5118
110P04957	3	983	1	0.67	3	0.99	2	0.99	1	0.07	1	0.07	1	100	0	99.72	0.28	100	0	100	0	1.04	1	1.04	1	1.06	1	1.06	1	0	70.882353	70.3824
110P04954	2.75	1074	1	1.1	3	0.97	1	0.99	1	0.07	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.06	1	0	68.741176	67.7353
110P04955	2.75	1074	1	0.74	3	0.97	1	0.98	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	69.670588	69.1588
110P04952	2.25	1160	1	0.06	1	0.97	1	0.97	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.02	1	1.02	1	1.04	1	1.04	1	0	71.276471	71.3765
110-10801	7.07	338	3	2.13		1.01	3	1.15		0.17	3	0.19	3	100	0	100	0	98.62	1.4	87	13	1.09	3	1.07	2	1.2	3	1.39	3	0	34.2	30.4529
110-10800	6.82	367	3	3.86		1.01	3	1.15		0.17	3	0.18	3	99.72	0.3	100	0	99.36	0.6	87	13.1	1.06	2	1.11	3	1.17	2	1.36	3	0	33.770588	29.7353
110-10802	8.24	202	4	2.15		1.05	3	1.44		0.27	3	0.47		97.03	3	96.69	3.31	95.6	4.4	69.6	30.4	1.13	3	1.14		1.28	3	2.04	4	0	33.129412	24.5176
110P04951	2.75	1074	1	0.52	2	0.99	2	0.99	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.04	1	0	69.517647	69.3706
110P14528	4	823	2	0.84	3	0.98	1	0.96	1	0.12	2	0.13	2	100	0	100	0	100	0	100	0	1.07	2	1.05	1	1.14	2	1.1	2	0	61.605882	62.3824
110P15859	2.25	1160	1	0.23	1	0.97	1	0.97	1	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.04	1	0	71.7	71.6471
110P14529	2.5	1128	1	0.25	2	0.98	1	0.98	1	0.08	1	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.08	1	1.08	1	0	68.005882	67.9471
110P04725	3.25	938	1	0.26	2	0.99	2	0.99	1	0.11	2	0.09	1	100	0	99.84	0.16	100	0	100	0	1.05	1	1.05	1	1.1	2	1.08	1	0	60.923529	60.9882
110P04723	3.01	976	1	0.27	2	1.01	3	0.98	1	0.08	1	0.1	1	99.57	0.4	100	0	99.43	0.6	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	60.588235	61.8706
110P04724	3.26	926	1	0.13	1	1	2	0.99	1	0.11	2	0.1	1	98.96	1	100	0	99.62	0.4	100	0	1.05	1	1.05	1	1.1	2	1.1	2	0	58.029412	58.6118
110P04722	5.51	585	2	0.46	2	1.02	3	0.98	1	0.16	3	0.15	2	100	0	100	0	97.64	2.4	100	0	1.09	3	1.09	3	1.19	3	1.19	2	0	55.929412	57.8824
110P04720	5.23	634	2	0.38	2	1.25		0.98	1	1.58		0.07	1	87.39	13	100	0	79.66	20	100	0	1.06	2	1.03	1	2.83	4	1.05	1	0	56.158824	66.3706

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-05442	2.75	1074	1	0.63	3	0.98	1	0.97	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.03	1	0	70.258824	71.1882
110-05444	3	1008	1	6.22		0.98	1	0.97	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.04	1	1.03	1	0	72.576471	72.8176
110-05444	3	1008	1	6.22		0.98	1	0.97	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.04	1	1.03	1	0	72.576471	72.8176
110N10802	5.86	515	3	0.62	3	1	2	1.09	3	0.2	3	0.2	3	96.8	3.2	97.22	2.78	99.47	0.5	91.5	8.52	1.08	2	1.08	2	1.17	2	1.27	3	0	41.852941	38.6
110+04846	4.3	759	2	0.05	1	1.01	3	1.02	2	0.13	2	0.13	2	98.57	1.4	97.73	2.27	98.79	1.2	98	2	1.06	2	1.04	1	1.13	2	1.13	2	0	59.076471	58.5235
110P18069	8.75	113	4	0.06	1	1.32		1.37		0.88		0.6		74.57	25	75.87	24.1	75.83	24	73.1	26.9	1.17		1.09	3	1.85	4	1.66	4	0	23.835294	23.0471
110+04841	4.26	777	2	0.33	2	0.98	1	1	2	0.12	2	0.11	2	100	0	99.51	0.49	100	0	99.8	0.24	1.07	2	1.06	2	1.11	2	1.11	2	0	58.923529	57.6294
110-06526	8.17	215	4	0.61	3	1.1		1.18		0.32		0.3	3	100	0	95.17	4.83	90.72	9.3	84.9	15.2	1.17		1.09	3	1.46	4	1.46	3	0	39.982353	37.3059
110P13857	8.8	106	4	0.18	1	1.43		1.38		1.18		0.64		88.29	12	85.57	14.4	69.87	30	72.6	27.4	1.33		1.2		2.75	4	1.93	4	0	28.258824	28.3941
110P13858	9.21	29	4	0.07	1	1.47		1.56		1.17		1.13		70.36	30	67.72	32.3	67.95	32	64.2	35.8	1.27		1.22		2.25	4	2.25	4	0	23.323529	22.1588
110P13855	7.98	236	4	0.44	2	1.09		1.13	3	0.34		0.34		93.89	6.1	93.61	6.39	91.54	8.5	88.5	11.5	1.15		1.12	3	1.38	4	1.42	3	0	37.858824	36.7353
110P13856	3.75	851	2	0.75	3	0.96	1	0.96	1	0.03	1	0.07	1	100	0	100	0	100	0	100	0	1.07	2	1.09	3	1.09	2	1.09	1	0	45.429412	45.7647
110P13852	9.39	15	4	0.16	1	1.58		1.7		1.57		1.34		61.93	38	63.5	36.5	63.15	37	58.9	41.1	1.19		1.21		2.52	4	2.52	4	0	23.905882	22.4824
110P04904	2.75	1057	1	0.52	2	0.98	1	0.99	1	0.1	2	0.08	1	99.64	0.4	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	67.929412	67.5647
110P04902	3	978	1	0.41	2	0.99	2	1	2	0.07	1	0.09	1	100	0	99.72	0.28	100	0	99.7	0.3	1.03	1	1.03	1	1.06	1	1.09	1	0	70.635294	69.7059
110P04900	3.28	913	1	0.47	2	0.98	1	1.02	2	0.05	1	0.12	2	100	0	97.95	2.05	100	0	97.6	2.4	1.03	1	1.03	1	1.04	1	1.12	2	0	71.582353	69
110-06516	9.13	42	4	0.4	2	1.32		1.32		0.87		0.65		79.69	20	81.07	18.9	75.99	24	75.9	24.1	1.23		1.18		1.96	4	1.76	4	0	25.605882	25.5294
110+04821	8.56	150	4	0.45	2	1.07		1.36		0.34		1.39		95.21	4.8	89.87	10.1	93.61	6.4	73.3	26.7	1.12	3	1.59		1.36	4	2.93	4	0	52.617647	44.2824
110P13870	9.02	59	4	0.05	1	1.43		1.52		0.83		1		77.37	23	77.65	22.4	69.76	30	65.6	34.4	1.24		1.41		2.03	4	2.37	4	0	9.905882	9.38235
110P18089	9.11	45	4	0.03	1	1.42		1.54		0.67		0.7		73.34	27	73.22	26.8	70.33	30	64.9	35.1	1.29		1.16		1.74	4	1.92	4	0	25.647059	23.8118
110P18083	8.58	147	4	0.1	1	1.08		1.26		0.42		0.75		93.57	6.4	87.11	12.9	92.3	7.7	79.5	20.5	1.15		1.25		1.44	4	1.92	4	0	15.923529	13.8706
110+04818	8.58	148	4	0.58	2	1.13		1.19		0.56		1.28		91.77	8.2	89.62	10.4	88.19	12	83.8	16.2	1.18		1.13	3	1.62	4	2.44	4	0	52.505882	50.4412
110-06507	8.46	174	4	0.36	2	1.14		1.25		0.45		0.22	3	95.18	4.8	100	0	87.79	12	80	20	1.17		1.14		1.57	4	1.57	4	0	26.452941	24.1412
110-06506	4.51	730	2	2.1		0.98	1	1.02	2	0.13	2	0.09	1	100	0	100	0	100	0	97.6	2.36	1.08	2	1.08	2	1.17	2	1.2	2	0	40.735294	38.9941
110+04813	5.85	516	3	1.04	3	0.98	1	1.08	3	0.06	1	0.35		100	0	93.44	6.56	100	0	92.6	7.39	1.05	1	1.08	2	1.06	1	1.37	3	1	66.723529	61.0471
110+04817	7.46	290	4	2.75		1.11		1.05	3	0.75		0.14	2	91.34	8.7	94.75	5.25	90.01	10	95.2	4.84	1.05	1	1.03	1	1.78	4	1.13	2	1	60.2	62.9824
110P18079	5.62	554	3	0.38	2	1.04	3	1.06	3	0.17	3	0.18	3	97.06	2.9	96.21	3.79	96.43	3.6	94	5.98	1.07	2	1.05	1	1.18	3	1.21	2	0	44.411765	43.2706
110+04815	3	1008	1	1.67		0.98	1	0.98	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.05	1	1.05	1	0	67.982353	67.5824
110P18076	8.65	135	4	0.05	1	1.13		1.25		0.6		0.72		89.29	11	87.03	13	88.33	12	80	20.1	1.19		1.26		1.61	4	1.87	4	0	41.382353	37.8
110+04814	3	1008	1	1.59		0.98	1	0.98	1	0.05	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.04	1	1.06	1	0	66.976471	67.0882
110-04790	4.54	718	2	1.62		0.97	1	1.04	3	0.05	1	0.29	3	100	0	97.44	2.56	100	0	96.2	3.85	1.04	1	1.05	1	1.05	1	1.31	3	0	70.117647	65.6588
110P13866	8.93	76	4	0.03	1	1.18		1.53		0.79		1.23		82.8	17	74.03	26	84.44	16	65.2	34.9	1.17		1.15		1.75	4	2.53	4	0	19.317647	15.0588
110P13862	7.36	301	3	0.26	2	0.96	1	1.16		0.34		0.25	3	96.11	3.9	100	0	100	0	85.9	14.1	1.16		1.19		1.24	3	1.61	4	0	21.841176	18.3176
110-04788	2.75	1074	1	0.95	3	0.97	1	0.99	1	0.04	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.03	1	1.04	1	0	69.905882	68.7824
110-04789	2.75	1074	1	0.84	3	0.97	1	0.99	1	0.06	1	0.09	1	100	0	100	0	100	0	100	0	1.04	1	1.04	1	1.06	1	1.09	1	0	68.929412	67.7824
110-04784	8.76	112	4	0.31	2	1.11		1.19		0.64		0.94		95.55	4.5	91.59	8.41	90.28	9.7	84.1	15.9	1.2		1.24		1.74	4	2.11	4	0	54.4	51.1588
110N13930	8.51	161	4	0.02	1	1.12		1.17		0.49		0.39		92.05	8	94.52	5.48	89.27	11	85.4	14.6	1.17		1.15		1.53	4	1.53	4	0	31.511765	30.1824
110-04772	3	1008	1	5.33		0.97	1	0.97	1	0.05	1	0.04	1	100	0	100	0	100	0	100	0	1.01	1	1.03	1	1.04	1	1.03	1	0	71.864706	72.1471
110-04764	2.75	1054	1	1.2	3	0.96	1	0.99	1	0.06	1	0.1	1	100	0	99.58	0.42	100	0	100	0	1.05	1	1.05	1	1.05	1	1.09	1	0	65.494118	63.7176
110-04767	4.27	766	2	0.47	2	0.98	1	1.03	2	0.12	2	0.15	2	100	0	99.1	0.9	100	0	97.4	2.65	1.06	2	1.06	2	1.1	2	1.17	2	0	53.735294	51.4353
110-04761	3.53	865	2	0.68	3	0.97	1	1.01	2	0.07	1	0.13	2	100	0	97.59	2.41	100	0	98.8	1.2	1.05	1	1.05	1	1.06	1	1.11	2	0	65.441176	62.8529
110-04762	3.02	965	1	0.65	3	0.97	1	1.01	2	0.08	1	0.1	1	100	0	98.5	1.5	100	0	99.2	0.81	1.05	1	1.03	1	1.07	1	1.09	1	0	64.958824	62.8
110-04763	2.76	1048	1	1.23	3	0.98	1	0.99	1	0.07	1	0.08	1	100	0	99.09	0.91	100	0	100	0	1.03	1	1.03	1	1.07	1	1.07	1	0	66.594118	65.4941
110N13900	8.8	104	4	0.17	1	1.17		1.26		0.8		0.84		83.06	17	79.5	20.5	85.17	15	79.1	20.9	1.29		1.23		1.75	4	1.85	4	0	28.370588	26.4118

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-04768	6.58	415	3	1.18	3	1	2	1.09	3	0.2	3	0.32	3	98.79	1.2	97.27	2.73	99.61	0.4	91.9	8.1	1.09	3	1.1	3	1.19	3	1.4	3	0	47.3	43.9882
110N13905	8.11	226	4	0.23	1	1.12		1.16		0.4		0.53		90.19	9.8	86.38	13.6	89.26	11	86.6	13.4	1.13	3	1.13	3	1.41	4	1.52	4	0	17.647059	17.1176
110P10790	8.66	130	4	0.24	1	1.2		1.45		0.68		1.29		93.61	6.4	89.67	10.3	83.22	17	69.2	30.8	1.27		1.33		1.89	4	2.97	4	0	17.7	15.1529
110P10799	9.21	29	4	0.04	1	1.53		1.54		0.99		0.85		69.29	31	69.81	30.2	65.13	35	65	35	1.22		1.22		2.12	4	1.99	4	0	20.776471	20.7235
110-04751	5.89	510	3	1.79		0.97	1	1.17		0.07	1	0.91		100	0	92.84	7.16	100	0	85.8	14.2	1.05	1	1.1	3	1.05	1	2.07	4	0	68.247059	58.4647
110N13912	8.76	111	4	0.02	1	1.18		1.28		0.86		1.12		85.59	14	82.04	18	85.02	15	78.3	21.7	1.28		1.38		1.88	4	2.22	4	0	20.782353	19.2059
110N13913	8.75	114	4	0.14	1	1.19		1.25		0.56		0.61		85.51	14	82.55	17.5	84.11	16	79.8	20.2	1.16		1.17		1.58	4	1.66	4	0	27.958824	26.6176
110-04757	4	823	2	0.14	1	0.94	1	0.93	1	0.12	2	0.13	2	100	0	100	0	100	0	100	0	1.1	3	1.09	3	1.13	2	1.08	1	0	56.223529	57.1
110+08804	3	1008	1	0.8	3	0.99	2	0.99	1	0.08	1	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.07	1	1.07	1	0	68.305882	68.1941
110+08806	4.8	677	2	2.18		1.04	3	1	2	0.26	3	0.07	1	98.41	1.6	99.01	0.99	96.28	3.7	99.5	0.53	1.05	1	1.03	1	1.29	3	1.07	1	0	67.188235	69.1706
110P06470	8.46	175	4	0.04	1	1.32		1.5		0.59		0.21	3	82.9	17	100	0	75.96	24	66.6	33.5	1.17		1.19		1.74	4	1.92	4	0	27.794118	24.6294
110-04748	3.51	873	2	2.27		1	2	1	2	0.07	1	0.07	1	100	0	99.32	0.68	99.89	0.1	99.7	0.32	1.03	1	1.03	1	1.07	1	1.07	1	0	69.505882	69.2941
110-04749	3.52	867	2	2.64		0.99	2	1.01	2	0.06	1	0.07	1	100	0	98.08	1.92	100	0	99.1	0.86	1.03	1	1.03	1	1.06	1	1.06	1	0	69.311765	68.1412
110-14528	3	1008	1	2.23		0.97	1	0.97	1	0.07	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.07	1	1.05	1	0	65.041176	65.1294
110-04719	3.01	969	1	1.44	3	0.97	1	1	2	0.05	1	0.1	1	100	0	98.54	1.46	100	0	100	0	1.03	1	1.05	1	1.05	1	1.09	1	0	65.076471	63.3765
110-04955	2.75	1074	1	0.72	3	0.98	1	0.98	1	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.05	1	0	68.4	68.6118
110-04956	3	982	1	2.36		0.98	1	0.98	1	0.05	1	0.05	1	100	0	99.71	0.29	100	0	100	0	1.01	1	1.01	1	1.05	1	1.03	1	0	71.447059	71.2706
110N18094	7.41	300	3	0.1	1	1.07		1.1	3	0.44		0.24	3	91.46	8.5	100	0	93.27	6.7	91.2	8.8	1.16		1.12	3	1.42	4	1.42	3	0	27.752941	27.1294
110N18095	5.61	555	3	0.38	2	1.03	3	1.09	3	0.13	2	0.29	3	98.25	1.8	96.15	3.85	97.5	2.5	91.5	8.51	1.04	1	1.09	3	1.13	2	1.35	3	0	47.570588	44.9
110+10803	8.49	167	4	2.34		1.07		1.37		0.2	3	0.39		98.94	1.1	93.31	6.69	93.52	6.5	73.1	26.9	1.13	3	1.17		1.27	3	1.77	4	0	33.094118	26.3706
110-04821	3.3	907	1	0.05	1	1	2	1.03	2	0.06	1	0.08	1	98.88	1.1	97.89	2.11	99.99	0	97.1	2.89	1.07	2	1.07	2	1.05	1	1.09	1	0	59.170588	57.2471
110+05445	3	1008	1	6.1		0.97	1	0.98	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	72.629412	72.3882
110+05445	3	1008	1	6.1		0.97	1	0.98	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	72.629412	72.3882
110+05444	3	1008	1	5.26		0.98	1	0.98	1	0.04	1	0.04	1	100	0	100	0	100	0	100	0	1.01	1	1.01	1	1.03	1	1.03	1	0	71.147059	71
110-04816	3	1008	1	3.1		0.98	1	0.99	1	0.04	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.07	1	0	66.358824	65.9941
110-04817	3.25	935	1	0.42	2	0.99	2	1.01	2	0.07	1	0.09	1	100	0	100	0	100	0	99.2	0.78	1.05	1	1.05	1	1.06	1	1.1	2	0	62.729412	61.5294
110-04818	4.31	756	2	0.11	1	0.98	1	1.06	3	0.11	2	0.15	2	100	0	97.16	2.84	100	0	94.4	5.65	1.07	2	1.08	2	1.1	2	1.19	2	0	57.941176	54.0882
110-04819	5.58	559	3	0.13	1	0.99	2	1.09	3	0.16	3	0.24	3	100	0	96.1	3.9	100	0	92	8.03	1.07	2	1.1	3	1.16	2	1.29	3	0	57.435294	52.7882
110-04812	5.53	575	3	0.93	3	0.98	1	1.04	3	0.04	1	0.32	3	100	0	99.05	0.95	100	0	96.5	3.46	1.05	1	1.06	2	1.05	1	1.36	3	1	65.335294	62.1294
110-04814	4.85	672	2	2.06		0.99	2	1.09	3	0.06	1	0.24	3	99.58	0.4	94.27	5.73	100	0	92	7.96	1.05	1	1.05	1	1.04	1	1.27	3	0	65.282353	59.8235
110-04815	3.25	947	1	0.86	3	0.95	1	1	2	0.05	1	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.04	1	1.11	2	0	67.629412	64.6294
110-09491	9.16	39	4	1.41	3	1.21		1.5		0.51		0.95		84.83	15	74.55	25.5	82.81	17	66.9	33.1	1.12	3	1.23		1.55	4	2.17	4	0	17.988235	14.7
110N04943	10.2	2	4	0.75	3	1.27		1.33		1.65		1.65		88.92	11	84.48	15.5	78.77	21	74.9	25.1	1.16		1.41		2.99	4	2.99	4	1	47.370588	44.8294
110N04944	7.22	312	3	0.44	2	1.05	3	1.17		0.2	3	1.22		98.72	1.3	89.03	11	94.91	5.1	85.4	14.6	1.07	2	1.09	3	1.25	3	2.31	4	0	60.129412	55.5882
110+06526	6.31	454	3	2.78		1.05	3	1.08	3	0.14	2	0.16	2	100	0	100	0	94.75	5.3	92.9	7.09	1.08	2	1.1	3	1.22	3	1.29	3	0	42.717647	41.9824
110+06522	9.04	56	4	0.32	2	1.26		1.38		0.58		0.63		85.76	14	84.15	15.9	79.4	21	72.7	27.3	1.21		1.23		1.7	4	1.88	4	0	28.517647	26.3176
110N18079	6.1	480	3	0.42	2	1.03	3	1.05	3	0.22	3	0.23	3	97.33	2.7	96.6	3.4	96.91	3.1	94.8	5.17	1.08	2	1.08	2	1.22	3	1.26	3	0	41.494118	40.6471
110+06525	7.12	326	3	1.78		1.03	3	1.11	3	0.23	3	0.25	3	98.68	1.3	96.46	3.54	96.68	3.3	89.9	10.1	1.1	3	1.1	3	1.25	3	1.35	3	0	33.782353	31.6176
110N18074	8.88	91	4	0.01	1	1.28		1.31		0.91		0.89		80.15	20	79.15	20.9	78.1	22	76.5	23.5	1.25		1.25		1.96	4	1.96	4	0	32.223529	31.6824
110N04946	4.15	792	2	0.44	2	1.02	3	1.08	3	0.06	1	0.15	2	98.94	1.1	91.22	8.78	98.39	1.6	92.2	7.79	1.03	1	1.04	1	1.07	1	1.14	2	0	64.211765	60.9
110N04947	3.28	915	1	0.6	3	0.99	2	1.01	2	0.06	1	0.08	1	100	0	97.53	2.47	100	0	98.6	1.41	1.03	1	1.03	1	1.07	1	1.07	1	0	65.588235	64.3294
110N13862	8.23	204	4	0.36	2	1.11		1.11	3	0.37		0.45		96.1	3.9	91.06	8.94	90.23	9.8	90.1	9.88	1.15		1.15		1.46	4	1.46	3	0	22.5	22.5529
110N13866	9.14	41	4	0.03	1	1.4		1.58		1.05		1.21		71.47	29	71.7	28.3	71.63	28	63.4	36.6	1.23		1.14		2.04	4	2.5	4	0	16.294118	14.4294
110-09481	5.57	564	3	2.28		1.02	3	1.02	2	0.17	3	0.19	3	98.05	2	96.65	3.35	98.11	1.9	98.4	1.58	1.08	2	1.05	1	1.17	2	1.17	2	0	40.294118	40.4118

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110N18081	8.93	79	4	0.02	1	1.29		1.31		0.86		0.67		78.1	22	77.06	22.9	77.2	23	76.4	23.6	1.16		1.16		1.88	4	1.68	4	0	24.682353	24.4353
110N18089	9.27	23	4	0.03	1	1.52		1.73		1.18		1.15		67.05	33	68.88	31.1	65.91	34	57.9	42.1	1.14		1.2		2.22	4	2.56	4	0	21.970588	19.4529
110+06512	8.62	141	4	1.69		1.06	3	1.19		0.3		0.3	3	100	0	99.13	0.87	94.47	5.5	83.7	16.3	1.15		1.17		1.4	4	1.53	4	0	30.652941	27.3
110-09484	6.82	364	3	1.35	3	1.01	3	1.04	3	0.22	3	0.24	3	97.7	2.3	97.42	2.58	98.7	1.3	96.5	3.52	1.09	3	1.1	3	1.21	3	1.25	3	0	34.511765	33.8294
110-09482	5.07	642	2	4.24		1.02	3	1.05	3	0.15	2	0.17	2	99.13	0.9	97.18	2.82	98.46	1.5	95.4	4.56	1.05	1	1.05	1	1.16	2	1.19	2	0	39.888235	38.7588
110+16146	3	1008	1	2.74		0.98	1	0.98	1	0.06	1	0.08	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	68.064706	67.9235
110N04721	4.53	727	2	0.71	3	0.97	1	1.03	2	0.09	2	0.2	3	100	0	98.54	1.46	100	0	97.5	2.5	1.03	1	1.06	2	1.08	1	1.22	3	0	58.882353	56.1294
110N04722	9.41	12	4	0.27	2	1.42		1.49		0.93		1		71.31	29	68.54	31.5	70.64	29	67.1	32.9	1.2		1.16		1.95	4	2.04	4	0	30.411765	28.8353
110N04723	3.27	921	1	0.22	1	0.98	1	1.01	2	0.08	1	0.12	2	100	0	99.06	0.94	100	0	98.7	1.32	1.05	1	1.07	2	1.07	1	1.13	2	0	61.288235	59.1118
110N04720	2.77	1042	1	0.44	2	0.97	1	1.01	2	0.07	1	0.1	1	100	0	97.92	2.08	100	0	99.3	0.74	1.05	1	1.05	1	1.07	1	1.08	1	0	65.747059	63.8176
110P06514	9.2	32	4	0.12	1	1.57		1.52		1.42		0.91		66.6	33	73.62	26.4	63.77	36	65.7	34.3	1.36		1.18		2.52	4	2.14	4	0	17.817647	18.2647
110P06511	8.8	105	4	0.36	2	1.11		1.31		0.52		0.66		98.31	1.7	88.41	11.6	90.42	9.6	76.1	23.9	1.22		1.32		1.66	4	1.93	4	0	31.782353	27.1176
110P06510	7.87	254	4	0.09	1	1.08		1.19		0.36		0.24	3	99.92	0.1	100	0	92.67	7.3	83.8	16.2	1.25		1.13	3	1.46	4	1.61	4	0	29.823529	27.1176
110-09479	5.58	558	3	4.85		1.03	3	1.08	3	0.13	2	0.15	2	99	1	98.17	1.83	97.2	2.8	92.6	7.43	1.07	2	1.05	1	1.15	2	1.22	3	0	42.541176	40.6412
110N04954	3.27	920	1	1.13	3	0.99	2	1.01	2	0.06	1	0.07	1	100	0	98.13	1.87	100	0	99.4	0.65	1.03	1	1.03	1	1.06	1	1.06	1	0	69.782353	68.3588
110N04950	2.5	1128	1	0.42	2	0.98	1	0.99	1	0.07	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.05	1	1.06	1	1.06	1	0	67.794118	67.3824
110N04718	4.77	685	2	1.3	3	1	2	1.01	2	0.14	2	0.15	2	100	0	98.63	1.37	99.6	0.4	99.4	0.62	1.06	2	1.06	2	1.14	2	1.14	2	0	54.664706	54.4882
110P06524	8.95	72	4	0.08	1	1.28		1.39		0.79		0.71		79.37	21	76.03	24	78.29	22	71.8	28.2	1.17		1.19		1.81	4	1.81	4	0	26.923529	24.7882
110P06523	9.03	58	4	0.02	1	1.32		1.53		0.99		1.53		80.47	20	71.53	28.5	75.71	24	65.2	34.8	1.24		1.44		2.12	4	2.77	4	0	27.570588	24.4235
110P06520	8.66	127	4	0.07	1	1.36		1.38		0.63		0.75		84.03	16	77.04	23	73.53	26	72.4	27.6	1.24		1.11	3	1.86	4	1.86	4	0	20.570588	20.2882
110N04745	6.35	446	3	0.13	1	1.01	3	1.08	3	0.16	3	0.75		100	0	94.18	5.82	98.75	1.3	92.3	7.7	1.08	2	1.08	2	1.18	3	1.78	4	0	58.205882	54.8235
110N04746	5.34	602	2	0.52	2	0.98	1	1.06	3	0.1	2	0.49		100	0	93.52	6.48	100	0	94	5.96	1.05	1	1.06	2	1.1	2	1.48	4	0	65.1	60.8882
110P05443	2.5	1118	1	0.37	2	0.97	1	0.98	1	0.05	1	0.04	1	100	0	99.91	0.09	100	0	100	0	1.03	1	1.01	1	1.04	1	1.03	1	0	71.535294	71.0353
110P10802	8.39	184	4	0.4	2	1.07		1.32		0.33		1.04		93.52	6.5	82.45	17.6	93.58	6.4	75.6	24.4	1.09	3	1.26		1.33	3	2.22	4	0	37.4	31.3412
110P10800	8.77	110	4	0.02	1	1.19		1.25		0.74		0.53		84.38	16	82.3	17.7	83.85	16	79.7	20.3	1.19		1.17		1.75	4	1.58	4	0	27.958824	26.5412
110+10801	6.62	407	3	4		1.03	3	1.12	3	0.17	3	0.24	3	98.98	1	96.53	3.47	96.59	3.4	89.2	10.8	1.07	2	1.07	2	1.2	3	1.34	3	0	32.335294	30.0706
110N04765	5.05	649	2	0.43	2	1.01	3	1.02	2	0.16	3	0.17	2	99.57	0.4	97.07	2.93	99.05	1	97.6	2.42	1.07	2	1.07	2	1.17	2	1.17	2	0	61.282353	60.3118
110P04776	2.5	1128	1	0.59	2	0.98	1	0.98	1	0.05	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	72.476471	72.5235
110-13935	8.72	119	4	0.43	2	1.26		1.32		0.6		0.52		87.62	12	88.01	12	79.28	21	75.6	24.4	1.19		1.13	3	1.76	4	1.76	4	0	18.294118	17.4294
110P04775	2.75	1074	1	1.19	3	0.98	1	0.97	1	0.07	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.07	1	1.04	1	0	71.905882	72.3294
110-13928	6.34	450	3	0.85	3	1.04	3	1.08	3	0.16	3	0.22	3	99.91	0.1	97.06	2.94	96.21	3.8	92.7	7.31	1.08	2	1.08	2	1.21	3	1.28	3	0	40.664706	39.3706
110-13929	4	823	2	1.97		0.97	1	0.97	1	0.09	2	0.05	1	100	0	100	0	100	0	100	0	1.05	1	1.08	2	1.12	2	1.12	2	0	39.235294	39.3294
110+13928	8.46	173	4	0.71	3	1.11		1.18		0.34		0.32	3	95.83	4.2	95.34	4.66	89.68	10	85.1	14.9	1.18		1.12	3	1.43	4	1.48	4	0	38.8	36.8765
110P04789	3	1008	1	1.25	3	0.99	2	0.99	1	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	67.194118	67.6706
110+13929	6.68	395	3	0.91	3	1.06	3	1.12	3	0.24	3	0.22	3	96.13	3.9	94.52	5.48	94.54	5.5	89	11	1.11	3	1.06	2	1.26	3	1.3	3	0	39.335294	37.1529
110P04785	3.76	845	2	0.08	1	0.98	1	1.01	2	0.1	2	0.13	2	100	0	99.9	0.1	100	0	99	1.05	1.06	2	1.05	1	1.1	2	1.14	2	0	63.711765	62.0176
110-13925	6.08	482	3	1.05	3	1	2	1.06	3	0.19	3	0.23	3	97.79	2.2	96.71	3.29	99.68	0.3	94.6	5.38	1.09	3	1.07	2	1.17	2	1.26	3	0	50.088235	47.7412
110P04784	2.75	1074	1	0.83	3	0.96	1	0.98	1	0.06	1	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.05	1	1.09	1	0	64.488235	63.4941
110+13930	4.51	736	2	2.5		0.98	1	1.01	2	0.13	2	0.08	1	100	0	100	0	100	0	99	1.02	1.08	2	1.08	2	1.17	2	1.13	2	0	39.341176	38.2588
110+13931	6.05	489	3	2.48		1.02	3	1.06	3	0.17	3	0.15	2	100	0	99.06	0.94	97.7	2.3	94.7	5.34	1.08	2	1.08	2	1.2	3	1.2	2	0	39.958824	38.7588
110-17280	7.29	307	3	1.89		1.01	3	1.08	3	0.19	3	0.23	3	100	0	100	0	99.05	1	92.9	7.09	1.12	3	1.16		1.3	3	1.4	3	0	37.452941	35.3059
110N04785	8.71	120	4	0.16	1	1.21		1.31		1.07		1.49		89.61	10	84.55	15.5	82.57	17	76.1	23.9	1.3		1.35		2.25	4	2.76	4	0	52.305882	48.8706
110N04786	8.28	198	4	0.16	1	1.23		1.3		1.7		2.11		85.75	14	81.91	18.1	81.03	19	77.1	22.9	1.12	3	1.1	3	2.85	4	3.3	4	0	53.952941	51.2824
110-13908	7.17	316	3	0.76	3	1.02	3	1.12	3	0.23	3	0.37		98.48	1.5	90.92	9.08	97.97	2	89.2	10.8	1.11	3	1.12	3	1.24	3	1.4	3	0	20.535294	18.7647

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am - 10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-13909	6.8	376	3	1.58		0.98	1	1.05	3	0.18	3	0.27	3	100	0	97.21	2.79	100	0	95.2	4.8	1.13	3	1.14		1.18	3	1.3	3	0	26.317647	24.8588
110P0479(	4.35	749	2	0.83	3	0.97	1	1.09	3	0.04	1	0.23	3	100	0	93.68	6.32	100	0	92.1	7.94	1.03	1	1.04	1	1.03	1	1.25	3	0	70.905882	64.2647
110P06508	9.09	48	4	0.02	1	1.51		1.66		0.76		0.83		78.99	21	73.61	26.4	66.25	34	60.2	39.8	1.21		1.24		2.1	4	2.24	4	0	22.376471	20.3529
110-13901	6.32	451	3	1.24	3	1.03	3	1.06	3	0.16	3	0.19	3	99.03	1	97.62	2.38	97.37	2.6	94.4	5.62	1.07	2	1.08	2	1.18	3	1.23	3	0	28.723529	27.8882
110P06506	8.66	126	4	0.12	1	1.13		1.21		0.47		0.55		88.91	11	84.4	15.6	88.67	11	82.6	17.4	1.17		1.15		1.48	4	1.58	4	0	40.688235	38.0176
110-13902	6.4	442	3	0.36	2	1.07		1.1	3	0.16	3	0.24	3	99.24	0.8	93.43	6.57	93.67	6.3	90.7	9.31	1.08	2	1.08	2	1.23	3	1.28	3	0	27.564706	26.7529
110N06508	8.46	176	4	0.02	1	1.41		1.53		0.84		0.55		76.9	23	84.24	15.8	70.93	29	65.4	34.6	1.1	3	1.13	3	2	4	2	4	0	21.394118	19.6765
110P04747	3.01	970	1	0.41	2	1	2	0.99	1	0.08	1	0.07	1	100	0	98.67	1.33	99.78	0.2	100	0	1.05	1	1.03	1	1.09	2	1.05	1	0	68.423529	68.8471
110P04748	4.03	804	2	0.55	2	0.99	2	1.01	2	0.11	2	0.12	2	100	0	97.61	2.39	100	0	98.6	1.38	1.05	1	1.05	1	1.1	2	1.1	2	0	66.705882	65.3824
110P04746	2.5	1128	1	0.59	2	0.96	1	0.96	1	0.08	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.07	1	1.05	1	0	64.723529	64.5118
110N06521	6.87	356	3	0.76	3	1.04	3	1.06	3	0.22	3	0.3	3	97.25	2.8	95.56	4.44	96.35	3.7	94.5	5.55	1.11	3	1.09	3	1.24	3	1.32	3	0	38.094118	37.5235
110N06524	8.93	77	4	0.09	1	1.27		1.35		0.73		0.76		78.95	21	76.58	23.4	78.4	22	73.8	26.2	1.14		1.16		1.74	4	1.82	4	0	29.876471	28.2235
110P04758	3.5	885	1	0.24	1	0.96	1	0.98	1	0.13	2	0.12	2	100	0	100	0	100	0	100	0	1.07	2	1.05	1	1.11	2	1.11	2	0	60.864706	59.8529
110P04756	7.82	258	4	0.04	1	1.1		1.17		0.43		0.4		91.48	8.5	87.73	12.3	91.23	8.8	85.8	14.2	1.16		1.07	2	1.43	4	1.43	3	0	41.870588	39.5235
110+13900	6.03	497	3	1.58		1	2	1.06	3	0.16	3	0.15	2	100	0	100	0	100	0	94.2	5.78	1.07	2	1.08	2	1.21	3	1.26	3	0	29.023529	27.3412
110+13901	5.81	525	3	1.83		1.03	3	1.03	2	0.18	3	0.17	2	98.18	1.8	98.89	1.11	97.4	2.6	97	3.05	1.07	2	1.07	2	1.19	3	1.19	2	0	28.994118	28.9
110N0652(	9.69	7	4	0.11	1	1.97		2.1		1.74		1.49		52.32	48	54.07	45.9	50.75	49	47.5	52.5	1.36		1.19		2.83	4	2.83	4	0	14.347059	13.6353
110N06514	8.73	117	4	0.02	1	1.52		1.53		0.98		1.02		69.46	31	67.5	32.5	65.79	34	65.3	34.7	1.1	3	1.1	3	2.09	4	2.09	4	0	22.041176	21.9294
110N06511	8.11	223	4	0.39	2	1.06	3	1.19		0.39		0.26	3	99.72	0.3	100	0	94	6	84.1	15.9	1.23		1.17		1.47	4	1.54	4	0	30.623529	27.5529
110N06510	8.96	68	4	0.05	1	1.29		1.43		0.72		0.82		80.01	20	75.31	24.7	77.51	22	69.9	30.1	1.17		1.17		1.77	4	1.96	4	0	28.964706	26.2353
110P04768	5.31	608	2	0.39	2	1.05	3	1.02	2	0.18	3	0.12	2	97.93	2.1	99.49	0.51	95.13	4.9	98.4	1.59	1.08	2	1.06	2	1.22	3	1.14	2	0	50.2	51.3706
110+13908	8.02	234	4	0.41	2	1.02	3	1.23		0.36		0.46		93.94	6.1	88.87	11.1	98.29	1.7	81.4	18.6	1.17		1.13	3	1.3	3	1.6	4	0	20.311765	16.9353
110+13909	6.83	361	3	0.68	3	0.96	1	1.19		0.29	3	0.21	3	100	0	100	0	100	0	84.1	15.9	1.14		1.11	3	1.24	3	1.47	3	0	24.382353	19.8882
110P04766	3.25	947	1	0.33	2	1	2	0.97	1	0.09	2	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.11	2	1.07	1	0	62.623529	63.9235
110P04763	2.75	1074	1	0.29	2	0.97	1	0.99	1	0.09	2	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	64.458824	63.4882
110P04764	5.31	606	2	0.38	2	1.03	3	1.01	2	0.18	3	0.17	2	97.56	2.4	98.45	1.55	96.82	3.2	98.7	1.29	1.07	2	1.07	2	1.19	3	1.17	2	0	60.235294	61.1118
110P04761	2.76	1049	1	0.29	2	0.97	1	0.99	1	0.09	2	0.1	1	100	0	99.29	0.71	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	64.829412	63.1706
110+13910	6.79	379	3	1.47		0.92	1	1.07	3	0.13	2	0.54		100	0	99.08	0.92	100	0	93.2	6.77	1.13	3	1.19		1.11	2	1.63	4	0	26.635294	23.3765
110+13911	8.91	82	4	0.25	2	1.32		1.28		0.92		0.65		74.21	26	83.11	16.9	75.54	24	78.2	21.8	1.12	3	1.18		1.89	4	1.75	4	0	18.570588	19.3118
110P04819	8.14	218	4	0.15	1	1.08		1.39		0.3		1.57		93.35	6.7	85.85	14.2	92.3	7.7	72.1	27.9	1.09	3	1.56		1.31	3	3.07	4	0	51.476471	43.4118
110P04816	3.32	903	1	0.38	2	1.04	3	1	2	0.06	1	0.07	1	95.92	4.1	99.02	0.98	96.11	3.9	100	0	1.05	1	1.05	1	1.06	1	1.06	1	0	63.523529	65.9824
110P04812	4.12	793	2	0.63	3	0.97	1	1.08	3	0.06	1	0.18	3	100	0	92.17	7.83	100	0	92.6	7.42	1.05	1	1.05	1	1.04	1	1.18	2	0	67.664706	61.2118
110P0482(	8.41	180	4	0.19	1	1.1		1.41		0.41		1.55		92.39	7.6	85.76	14.2	90.98	9	70.8	29.2	1.12	3	1.71		1.43	4	3.1	4	0	51.264706	43.2059
110N10800	8.47	172	4	0.02	1	1.15		1.26		0.66		0.51		84.57	15	85.15	14.9	86.64	13	79.5	20.5	1.12	3	1.17		1.62	4	1.62	4	0	29.588235	27.2
110N10804	6.77	389	3	0.85	3	1.03	3	1.01	2	0.23	3	0.18	3	100	0	100	0	97.37	2.6	99.2	0.84	1.16		1.09	3	1.28	3	1.24	3	0	36.347059	36.9588
110N10803	6.04	491	3	0.17	1	0.97	1	1.1	3	0.18	3	0.14	2	100	0	100	0	100	0	91.1	8.89	1.17		1.14		1.29	3	1.46	3	0	34.447059	30.7118
110+04845	4.26	773	2	0.04	1	0.99	2	1	2	0.11	2	0.11	2	100	0	99.27	0.73	100	0	99.5	0.46	1.08	2	1.08	2	1.11	2	1.11	2	0	60.1	59.4647
110+04844	3.5	881	1	0.42	2	0.99	2	1	2	0.12	2	0.08	1	100	0	100	0	100	0	100	0.01	1.05	1	1.03	1	1.12	2	1.08	1	0	60.076471	59.5
110+04843	5.87	513	3	0.02	1	1.03	3	1.05	3	0.24	3	0.23	3	96.35	3.7	95.57	4.43	96.85	3.2	95.5	4.5	1.1	3	1.05	1	1.23	3	1.23	3	0	55.964706	55.1529
110+04849	4.07	796	2	0.06	1	1	2	1.03	2	0.1	2	0.14	2	99.62	0.4	95.38	4.62	99.76	0.2	96.6	3.4	1.07	2	1.04	1	1.1	2	1.12	2	0	62.658824	60.8118
110+04848	3.26	930	1	0.21	1	0.99	2	1	2	0.1	2	0.1	1	99.67	0.3	99.38	0.62	100	0	99.7	0.27	1.03	1	1.05	1	1.09	2	1.09	1	0	61.582353	61.2118
110+04847	4.32	752	2	0.19	1	1.02	3	1.02	2	0.16	3	0.16	2	97.72	2.3	97.63	2.37	97.76	2.2	97.6	2.37	1.05	1	1.05	1	1.16	2	1.16	2	0	56.494118	56.3176
110+04842	5.83	522	3	0.3	2	1.01	3	1.04	3	0.21	3	0.2	3	98.17	1.8	96.64	3.36	98.71	1.3	96.6	3.43	1.07	2	1.08	2	1.2	3	1.2	2	0	57.023529	55.7706
110+04840	4.01	811	2	0.33	2	0.98	1	1	2	0.1	2	0.12	2	100	0	99.01	0.99	100	0	99.6	0.37	1.05	1	1.06	2	1.09	2	1.11	2	0	58.911765	57.5529

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-06525	6.56	421	3	2.89		1.03	3	1.1	3	0.2	3	0.21	3	100	0	100	0	97.31	2.7	90.7	9.27	1.07	2	1.08	2	1.26	3	1.34	3	0	44.511765	41.4588
110-06524	7.09	333	3	1.8		1.05	3	1.14	3	0.25	3	0.21	3	100	0	99.56	0.44	94.85	5.2	87.9	12.2	1.14		1.07	2	1.32	3	1.37	3	0	31.347059	29.1353
110-06521	9.01	63	4	0.45	2	1.21		1.31		0.57		0.69		87.96	12	81.95	18.1	82.65	17	76.3	23.7	1.2		1.19		1.67	4	1.82	4	0	33.135294	30.8176
110-06520	7.29	308	3	1.85		0.99	2	1.08	3	0.19	3	0.31	3	100	0	100	0	100	0	92.6	7.38	1.12	3	1.23		1.23	3	1.49	4	0	28.605882	26.7529
110N17248	4.5	740	2	0.79	3	0.98	1	1.01	2	0.13	2	0.12	2	100	0	100	0	100	0	99.4	0.58	1.06	2	1.06	2	1.14	2	1.14	2	0	34.758824	34.0706
110-06523	7.45	293	3	2.5		1.07		1.1	3	0.25	3	0.32	3	94.23	5.8	93.21	6.79	93.56	6.4	91.1	8.88	1.09	3	1.13	3	1.26	3	1.35	3	0	35.323529	34.5941
110-06522	6.79	378	3	1.49		1.03	3	1.03	2	0.23	3	0.23	3	99.69	0.3	98.81	1.19	97.46	2.5	96.8	3.17	1.09	3	1.09	3	1.26	3	1.26	3	0	36.829412	36.7412
110P13851	8.63	140	4	0.04	1	1.22		1.42		0.54		0.71		81.51	18	79.4	20.6	82.29	18	70.3	29.7	1.19		1.12	3	1.53	4	1.94	4	0	23.829412	20.5294
110P04907	5.03	652	2	0.31	2	1.04	3	1.02	2	0.22	3	0.13	2	100	0	99.84	0.16	96.18	3.8	97.6	2.38	1.07	2	1.05	1	1.33	3	1.16	2	0	60.994118	61.1529
110P04908	9.1	46	4	0.05	1	1.8		2.48		1.39		2.27		88.49	12	78.34	21.7	55.42	45	40.3	59.7	2.16		2.21		3.82	4	6.36	4	0	34.217647	28.1588
110P04905	2.75	1064	1	0.41	2	0.98	1	0.98	1	0.09	2	0.1	1	100	0	99.87	0.13	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	67.376471	66.9529
110+04839	4.01	810	2	0.15	1	0.98	1	1.01	2	0.11	2	0.13	2	100	0	99	1	100	0	99.3	0.74	1.06	2	1.08	2	1.11	2	1.13	2	0	57.864706	56.1765
110P04906	2.75	1074	1	0.34	2	0.97	1	0.97	1	0.09	2	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	65.294118	65.1
110+04838	4.51	732	2	0.26	2	0.99	2	1	2	0.12	2	0.12	2	100	0	98.9	1.1	100	0	100	0	1.08	2	1.06	2	1.11	2	1.11	2	0	56.335294	55.5647
110P04903	3.51	871	2	1.46		0.99	2	1	2	0.07	1	0.07	1	99.81	0.2	98.98	1.02	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	70.382353	70.1235
110+04837	5.02	654	2	0.17	1	1.01	3	1.01	2	0.18	3	0.12	2	99.39	0.6	98.94	1.06	99.45	0.5	99.4	0.58	1.07	2	1.07	2	1.18	3	1.12	2	0	46.711765	46.6706
110P04901	3.55	858	2	0.5	2	1	2	1.02	2	0.06	1	0.11	2	99.02	1	97.6	2.4	100	0	97.5	2.46	1.03	1	1.03	1	1.04	1	1.11	2	0	71.141176	69.4
110-06514	7.6	278	4	1.88		1.08		1.08	3	0.29	3	0.24	3	98.41	1.6	98.82	1.18	92.13	7.9	92.5	7.46	1.13	3	1.09	3	1.38	4	1.33	3	0	34.411765	34.6412
110-06513	5.75	545	3	1.07	3	0.95	1	0.99	1	0.16	3	0.25	3	100	0	100	0	100	0	100	0	1.13	3	1.13	3	1.2	3	1.3	3	0	34.135294	32.9706
110-06515	4.51	735	2	2.34		0.97	1	1.01	2	0.08	1	0.12	2	100	0	100	0	100	0	99	1.03	1.05	1	1.09	3	1.12	2	1.19	2	0	39.047059	37.6529
110-06510	8.48	170	4	1.37	3	1.07		1.18		0.34		0.38		96.04	4	91.58	8.42	93.03	7	85	15	1.13	3	1.1	3	1.38	4	1.49	4	0	34.8	32.0235
110-06512	5.52	578	3	1.44	3	0.95	1	1.05	3	0.13	2	0.13	2	100	0	100	0	100	0	95.6	4.45	1.1	3	1.11	3	1.15	2	1.3	3	0	31.541176	28.9235
110-06511	8.36	190	4	1.79		1.04	3	1.22		0.24	3	0.46		100	0	100	0	96.43	3.6	81.8	18.3	1.15		1.23		1.33	3	1.8	4	0	29.711765	25.6294
110-50192	7.14	319	3	0.64	3	1.07		1.09	3	0.27	3	0.24	3	98.28	1.7	95.18	4.82	93.83	6.2	91.4	8.58	1.12	3	1.09	3	1.32	3	1.29	3	0	46.076471	45
110-06518	5.07	643	2	2.1		1.01	3	1.02	2	0.15	2	0.14	2	97.93	2.1	96.95	3.05	99.42	0.6	97.5	2.48	1.05	1	1.07	2	1.14	2	1.14	2	0	45.164706	44.3588
110-06517	3.5	885	1	0.34	2	0.97	1	0.97	1	0.14	2	0.1	1	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.12	2	1.09	1	0	47.570588	47.1765
110+04820	8.37	189	4	0.14	1	1.08		1.39		0.36		1.53		93.61	6.4	87.18	12.8	92.34	7.7	71.9	28.1	1.12	3	1.65		1.38	4	3.07	4	0	51.5	43.4647
110P18081	8.9	86	4	0.05	1	1.28		1.3		0.78		0.77		79.08	21	78.34	21.7	78.17	22	77.1	22.9	1.17		1.17		1.8	4	1.8	4	0	26.8	26.4059
110+04819	7.94	243	4	0.04	1	1.09		1.37		0.29	3	1.61		92.13	7.9	81.76	18.2	91.8	8.2	72.8	27.2	1.1	3	1.45		1.3	3	2.93	4	0	51.688235	43.8059
110-06509	8.51	162	4	0.89	3	1.08		1.17		0.32		0.43		94.54	5.5	90.31	9.69	92.73	7.3	85.5	14.5	1.13	3	1.1	3	1.34	4	1.51	4	0	33.670588	31.2059
110-06508	9.19	35	4	0.94	3	1.16		1.49		0.72		1.11		93.2	6.8	86.24	13.8	85.96	14	66.9	33.1	1.27		1.5		1.87	4	2.72	4	0	26.282353	21.3706
110+04816	2.75	1074	1	0.78	3	0.97	1	0.95	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.03	1	1.02	1	0	66.247059	67.3471
110P18074	7.04	344	3	0.01	1	1.02	3	1.07	3	0.23	3	0.24	3	100	0	100	0	98.06	1.9	93.8	6.19	1.17		1.21		1.37	4	1.42	3	0	37.470588	36.0118
110P18075	4.25	786	2	0.52	2	0.95	1	0.99	1	0.12	2	0.13	2	100	0	100	0	100	0	100	0	1.07	2	1.09	3	1.09	2	1.15	2	0	48.288235	46.7059
110P18072	8.25	199	4	0.02	1	1.05	3	1.17		0.43		0.55		94.13	5.9	90.83	9.17	95.11	4.9	85.5	14.5	1.17		1.15		1.42	4	1.64	4	0	39.047059	35.2412
110N16145	4.01	812	2	0.05	1	1.01	3	0.96	1	0.13	2	0.14	2	100	0	100	0	98.95	1.1	100	0	1.06	2	1.04	1	1.17	2	1.11	2	0	45.117647	47.2353
110N16146	3	1008	1	0.45	2	0.99	2	0.99	1	0.09	2	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	67.788235	67.8118
110N17280	4.25	786	2	0.71	3	0.94	1	0.94	1	0.09	2	0.13	2	100	0	100	0	100	0	100	0	1.08	2	1.06	2	1.1	2	1.1	2	0	52.511765	52.4588
110-04786	7.95	241	4	0.45	2	1.21		1.24		1.7		1.81		87.48	13	85.73	14.3	82.67	17	80.7	19.3	1.08	2	1.08	2	2.85	4	2.99	4	0	54.9	53.2706
110-04787	3.84	835	2	1.03	3	1.02	3	1.04	3	0.08	1	0.08	1	98.03	2	95.85	4.15	98.41	1.6	96.3	3.66	1.03	1	1.05	1	1.08	1	1.08	1	0	66.917647	65.7059
110-04785	9.21	31	4	0.68	3	1.22		1.3		1.33		1.74		89.11	11	85.52	14.5	82.11	18	77	23	1.21		1.24		2.53	4	3.04	4	0	52.735294	49.8412
110N13924	5.64	552	3	0.14	1	1.07		1.03	2	0.21	3	0.2	3	95.67	4.3	95.29	4.71	93.16	6.8	96.6	3.42	1.08	2	1.08	2	1.24	3	1.19	2	0	51.894118	53.8471
110N13925	4.76	689	2	0.45	2	1.01	3	1	2	0.12	2	0.12	2	99.48	0.5	99.92	0.08	98.8	1.2	99.6	0.42	1.06	2	1.06	2	1.13	2	1.13	2	0	52.429412	52.7824
110N13926	6.87	354	3	0.44	2	1	2	1.09	3	0.25	3	0.33		97.95	2.1	94.15	5.85	99.84	0.2	92.1	7.9	1.11	3	1.14		1.23	3	1.36	3	0	50.170588	46.4941

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-04775	2.5	1128	1	0.58	2	0.97	1	0.97	1	0.05	1	0.04	1	100	0	100	0	100	0	100	0	1.01	1	1.03	1	1.04	1	1.03	1	0	72.129412	72.1529
110-04776	2.5	1128	1	0.42	2	0.98	1	0.98	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.04	1	0	71.952941	72.0353
110-04777	3	1008	1	1.85		0.97	1	0.97	1	0.03	1	0.04	1	100	0	100	0	100	0	100	0	1.01	1	1.03	1	1.03	1	1.03	1	0	72.7	72.8647
110-04773	3	1008	1	1.9		0.97	1	0.97	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	72.482353	72.5118
110-04774	2.25	1160	1	0.12	1	0.97	1	0.98	1	0.05	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.05	1	1.05	1	1.05	1	0	72.458824	72.2706
110N13933	7.99	235	4	0.02	1	1.01	3	1.15		0.5		0.54		93.59	6.4	89.32	10.7	98.83	1.2	86.8	13.2	1.21		1.13	3	1.42	4	1.59	4	0	26.664706	23.6824
110-04765	3	1008	1	0.62	3	0.97	1	0.97	1	0.1	2	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.07	1	0	62.352941	62.3882
110-04766	3.5	885	1	0.27	2	0.98	1	0.98	1	0.12	2	0.12	2	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.11	2	1.11	2	0	58.064706	57.7412
110-04760	2.5	1128	1	0.25	2	0.98	1	0.98	1	0.06	1	0.1	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.08	1	0	67.252941	66.7824
110N13903	6.15	476	3	0.08	1	1.03	3	1.1	3	0.2	3	0.21	3	97.42	2.6	94.02	5.98	96.83	3.2	90.7	9.27	1.09	3	1.08	2	1.2	3	1.26	3	0	26.758824	25.1412
110N13904	5	663	2	0.23	1	0.97	1	0.95	1	0.16	3	0.16	2	100	0	100	0	100	0	100	0	1.14		1.09	3	1.18	3	1.18	2	0	23.4	23.7882
110N13907	4.75	700	2	0.03	1	0.89	1	0.91	1	0.09	2	0.17	2	100	0	100	0	100	0	100	0	1.16		1.23		1.1	2	1.16	2	0	22.258824	21.6824
110+04853	7.65	275	4	0.02	1	1.04	3	1.16		0.45		0.97		97.84	2.2	96.24	3.76	96.08	3.9	86.6	13.5	1.08	2	1.15		1.48	4	2.19	4	0	53.452941	49.2118
110+04852	7.71	267	4	0.61	3	1.04	3	1.15		0.33		1.18		96.78	3.2	91.17	8.83	95.78	4.2	86.8	13.2	1.08	2	1.08	2	1.34	4	2.29	4	0	53.358824	49.4529
110+04851	5.7	548	3	0.13	1	1.03	3	1.11	3	0.14	2	0.48		96.07	3.9	90.46	9.54	96.59	3.4	89.8	10.2	1.05	1	1.07	2	1.14	2	1.49	4	0	56.505882	53.2059
110+04850	4.09	794	2	0.16	1	1	2	1.05	3	0.11	2	0.15	2	99.09	0.9	94.65	5.35	99.55	0.5	95.2	4.81	1.05	1	1.05	1	1.1	2	1.15	2	0	60.7	58.2647
110-04753	4.54	719	2	0.55	2	0.99	2	1.03	2	0.13	2	0.15	2	99.28	0.7	97.54	2.46	100	0	97.4	2.6	1.06	2	1.06	2	1.1	2	1.15	2	0	51.452941	49.4882
110-04754	4.54	722	2	0.43	2	0.99	2	1.01	2	0.14	2	0.15	2	98.6	1.4	97.78	2.22	100	0	98.8	1.19	1.06	2	1.06	2	1.11	2	1.14	2	0	50.488235	49.3824
110-04755	4.54	721	2	0.38	2	1	2	1.02	2	0.14	2	0.16	2	99.24	0.8	97.52	2.48	100	0	97.8	2.18	1.06	2	1.06	2	1.13	2	1.15	2	0	50.905882	49.7059
110-04750	4.31	755	2	0.13	1	1.01	3	1.02	2	0.11	2	0.13	2	97.96	2	97.89	2.11	98.95	1.1	97.6	2.4	1.04	1	1.07	2	1.1	2	1.13	2	0	67.252941	66.3059
110-04752	3.29	909	1	0.55	2	0.99	2	1.05	3	0.07	1	0.06	1	100	0	98.11	1.89	100	0	95.6	4.4	1.04	1	1.03	1	1.06	1	1.09	1	0	69.764706	66.2118
110N13910	7.04	346	3	0.33	2	0.97	1	1.08	3	0.36		0.32	3	100	0	100	0	100	0	92.3	7.73	1.13	3	1.14		1.4	4	1.52	4	0	17.141176	15.4882
110P10791	7.04	345	3	0.32	2	1.05	3	1.03	2	0.28	3	0.23	3	100	0	100	0	95.07	4.9	97.1	2.93	1.14		1.21		1.41	4	1.41	3	0	16.2	16.5941
110P10792	7.89	250	4	0.02	1	1.07		1.13	3	0.33		0.35		94.69	5.3	100	0	93.58	6.4	88.4	11.6	1.12	3	1.15		1.35	4	1.55	4	0	18.929412	17.8706
110-04758	3	1008	1	0.35	2	0.98	1	0.98	1	0.09	2	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.09	2	1.09	1	0	63.641176	63.5235
110P10798	6.79	381	3	1.18	3	1.02	3	1.03	2	0.17	3	0.24	3	100	0	98.96	1.04	98.34	1.7	96.7	3.3	1.09	3	1.16		1.23	3	1.27	3	0	36.164706	35.7588
110-04759	2.75	1074	1	0.71	3	0.97	1	0.98	1	0.05	1	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.04	1	1.06	1	0	66.694118	66.2588
110+08808	2.5	1128	1	0.58	2	0.98	1	0.98	1	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.05	1	0	70.2	70.0471
110+08807	2.5	1128	1	0.37	2	0.98	1	0.98	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.05	1	1.06	1	1.05	1	0	69.070588	69.2529
110+08809	3	984	1	1.2	3	0.98	1	1	2	0.07	1	0.07	1	100	0	99.75	0.25	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	70.1	69.0471
110+08803	3	977	1	1.17	3	0.99	2	0.99	1	0.06	1	0.07	1	100	0	99.52	0.48	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	69.394118	69.1294
110+08805	5.36	599	2	2.11		1.09		0.98	1	0.74		0.04	1	93.22	6.8	100	0	91.79	8.2	100	0	1.03	1	1.01	1	1.77	4	1.03	1	0	64.464706	70.3882
110+08802	3.01	974	1	0.57	2	1	2	1	2	0.08	1	0.09	1	100	0	98.95	1.05	100	0	99.9	0.14	1.03	1	1.03	1	1.07	1	1.07	1	0	69.052941	68.6059
110P06479	6.25	471	3	0.32	2	0.92	1	1	2	0.21	3	0.22	3	100	0	100	0	100	0	100	0	1.21		1.18		1.23	3	1.36	3	0	28.135294	25.9824
110P06478	8.7	122	4	0.02	1	1.17		1.22		0.56		0.5		85.59	14	85.95	14.1	85.46	15	82.2	17.8	1.18		1.18		1.56	4	1.56	4	0	30.735294	29.6
110P06477	8.16	216	4	0.29	2	1.06	3	1.18		0.32		0.34		96	4	98.49	1.51	94.65	5.3	84.5	15.5	1.12	3	1.18		1.34	4	1.56	4	0	35.541176	31.9647
110-04745	5.37	598	2	0.11	1	0.98	1	1.1	3	0.12	2	1.06		100	0	92.37	7.63	100	0	90.5	9.47	1.07	2	1.08	2	1.13	2	2.1	4	0	60.482353	54.6706
110P06473	8.94	74	4	0.02	1	1.32		1.35		0.78		0.74		78.19	22	78.05	22	75.74	24	74.2	25.8	1.22		1.17		1.83	4	1.83	4	0	29.188235	28.6765
110P06471	5.51	582	3	0.49	2	1.02	3	1.01	2	0.17	3	0.17	2	100	0	99.81	0.19	98.44	1.6	99	0.98	1.09	3	1.07	2	1.21	3	1.18	2	0	45.464706	45.7118
110P05380	3.57	856	2	0.38	2	0.98	1	1.05	3	0.07	1	0.17	2	100	0	95.56	4.44	100	0	94.8	5.25	1.03	1	1.04	1	1.05	1	1.18	2	0	70.676471	66.3176
110-04746	2.75	1060	1	1.28	3	0.98	1	0.99	1	0.06	1	0.08	1	100	0	99.73	0.27	100	0	100	0	1.03	1	1.03	1	1.05	1	1.06	1	0	68.252941	67.5765
110-04747	3.51	870	2	2.86		1	2	1	2	0.06	1	0.08	1	99.26	0.7	99.35	0.65	99.84	0.2	100	0	1.03	1	1.03	1	1.05	1	1.07	1	0	69.517647	69.8059
110-14531	5.57	563	3	1.3	3	1.02	3	1.02	2	0.19	3	0.17	2	98.05	2	96.57	3.43	97.94	2.1	98.1	1.93	1.08	2	1.08	2	1.19	3	1.16	2	0	38.423529	38.5
110P50192	7.48	289	4	0.11	1	1.13		1.26		0.29	3	0.3	3	99.29	0.7	94.24	5.76	88.75	11	79	21	1.12	3	1.13	3	1.44	4	1.55	4	0	38.441176	34.3765

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P06481	8.66	128	4	0.04	1	1.14		1.32		0.53		0.72		92.96	7	84.33	15.7	88.03	12	76	24.1	1.16		1.33		1.61	4	1.91	4	0	18.623529	16.4941
110P06480	8.63	139	4	0.03	1	1.17		1.25		0.53		0.46		90.38	9.6	88.63	11.4	85.59	14	79.8	20.2	1.29		1.15		1.61	4	1.61	4	0	18.005882	16.9059
110-15859	3	1008	1	1.86		0.97	1	0.98	1	0.04	1	0.04	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	71.647059	71.2647
110-14529	3	1008	1	2.38		0.98	1	0.97	1	0.08	1	0.08	1	100	0	100	0	100	0	100	0	1.03	1	1.05	1	1.08	1	1.06	1	0	68.035294	68.5941
110-04720	3.27	923	1	0.31	2	0.97	1	1.01	2	0.08	1	0.11	2	100	0	98.83	1.17	100	0	99.3	0.67	1.05	1	1.03	1	1.07	1	1.11	2	0	64.017647	61.8765
110-04721	7.93	244	4	0.14	1	1.18		1.18		0.47		0.45		85.36	15	86.74	13.3	84.56	15	84.9	15.1	1.09	3	1.06	2	1.48	4	1.48	4	0	36.317647	36.4471
110-04722	4.5	745	2	0.67	3	0.93	1	0.93	1	0.12	2	0.08	1	100	0	100	0	100	0	100	0	1.12	3	1.09	3	1.13	2	1.1	2	0	46.294118	46.3529
110-04723	3.02	967	1	0.91	3	0.97	1	1.01	2	0.08	1	0.09	1	100	0	98.78	1.22	100	0	99.4	0.58	1.03	1	1.03	1	1.06	1	1.08	1	0	63.988235	61.6235
110-04724	3.28	917	1	0.08	1	0.97	1	1.01	2	0.08	1	0.11	2	100	0	97.96	2.04	100	0	98.5	1.53	1.07	2	1.03	1	1.07	1	1.11	2	0	64.041176	61.2824
110-04725	3.01	970	1	0.32	2	0.97	1	1	2	0.09	2	0.1	1	100	0	98.56	1.44	100	0	100	0	1.03	1	1.05	1	1.08	1	1.08	1	0	64.952941	62.9588
110+04899	3.53	862	2	5.14		0.99	2	1.02	2	0.04	1	0.09	1	100	0	97.71	2.29	100	0	97.8	2.16	1.01	1	1.03	1	1.03	1	1.09	1	0	71.970588	69.7176
110-04951	3	1008	1	1.58		0.98	1	0.97	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.03	1	0	69.423529	69.9471
110-04953	2.25	1160	1	0.1	1	0.96	1	0.97	1	0.03	1	0.04	1	100	0	100	0	100	0	100	0	1.02	1	1.02	1	1.03	1	1.03	1	0	71.3	70.6529
110-04954	2.51	1115	1	0.11	1	1	2	0.99	1	0.07	1	0.07	1	100	0	99.42	0.58	100	0	100	0	1.03	1	1.03	1	1.07	1	1.06	1	0	70.011765	70.2
110-04950	2.5	1128	1	0.51	2	0.98	1	0.99	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.06	1	1.08	1	0	67.164706	66.2941
110-04717	2.75	1074	1	1.42	3	0.97	1	0.96	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.08	1	1.03	1	0	63.776471	64.4765
110-04718	3	1008	1	1.84		0.98	1	0.98	1	0.07	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.07	1	1.06	1	0	66.705882	66.6706
110-04957	2.75	1062	1	1.39	3	0.98	1	0.98	1	0.05	1	0.05	1	100	0	99.84	0.16	100	0	100	0	1.01	1	1.01	1	1.04	1	1.03	1	0	71.335294	71.2294
110-04958	2.5	1128	1	0.49	2	0.98	1	0.97	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.04	1	0	70.517647	70.5706
110N18092	8.51	160	4	0.01	1	1.09		1.15		0.4		0.42		91.89	8.1	92.3	7.7	92.03	8	87.4	12.7	1.15		1.14		1.4	4	1.5	4	0	37.388235	35.5059
110+10804	7.42	299	3	2.63		1.06	3	1.15		0.2	3	0.23	3	97.96	2	94.26	5.74	94.57	5.4	87.3	12.8	1.09	3	1.1	3	1.24	3	1.33	3	0	36.470588	33.9529
110+10802	7.42	298	3	2.34		1.08		1.14	3	0.19	3	0.32	3	98.77	1.2	94.17	5.83	92.43	7.6	87.7	12.3	1.1	3	1.1	3	1.27	3	1.42	3	0	32.905882	31.4824
110N18091	7.9	248	4	0.57	2	1.08		1.08	3	0.32		0.35		97.82	2.2	94.65	5.35	92.68	7.3	92.3	7.75	1.12	3	1.15		1.39	4	1.39	3	0	37.458824	37.4294
110-04820	4.29	762	2	0.24	1	1	2	1.04	3	0.08	1	0.13	2	99.03	1	98.93	1.07	99.77	0.2	96.3	3.7	1.07	2	1.09	3	1.07	1	1.16	2	0	58.117647	56.1765
110+05443	3	1008	1	0.63	3	0.98	1	0.97	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.06	2	1.03	1	1.08	1	1.04	1	0	69.276471	69.7471
110N13894	8.5	164	4	0.04	1	1.21		1.2		0.53		0.53		83	17	83.86	16.1	82.36	18	83.3	16.7	1.13	3	1.14		1.54	4	1.54	4	0	24.058824	24.4294
110N13898	6.32	452	3	0.04	1	1.03	3	1.08	3	0.23	3	0.2	3	97.73	2.3	100	0	97.34	2.7	92.7	7.3	1.12	3	1.09	3	1.24	3	1.29	3	0	28.882353	27.5941
110N13899	4	823	2	0.21	1	0.85	1	0.87	1	0.13	2	0.06	1	100	0	100	0	100	0	100	0	1.12	3	1.12	3	1.16	2	1.16	2	0	19.211765	18.7941
110-09492	6.81	372	3	2.37		0.99	2	1.06	3	0.21	3	0.2	3	99.33	0.7	97.48	2.52	100	0	94.5	5.55	1.1	3	1.11	3	1.19	3	1.24	3	0	31.211765	29.3941
110P16145	5.27	620	2	0.05	1	1	2	0.99	1	0.21	3	0.19	3	99.06	0.9	99.1	0.9	99.74	0.3	100	0	1.09	3	1.09	3	1.21	3	1.18	2	0	45.670588	45.9235
110-09490	3.5	885	1	0.74	3	0.74	1	0.73	1	0	1	0	1	100	0	100	0	100	0	100	0	1.09	3	1.07	2	0.97	1	0.83	1	0	47.082353	47.9176
110P16146	3.77	841	2	0.22	1	1	2	1	2	0.1	2	0.12	2	100	0	98.22	1.78	100	0	100	0	1.03	1	1.04	1	1.1	2	1.1	2	0	67.241176	67.1235
110+06527	3.5	885	1	0.54	2	0.97	1	0.97	1	0.07	1	0	1	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.14	2	1.14	2	0	43.764706	43.5176
110N04949	4.02	809	2	0.74	3	1.01	3	1	2	0.1	2	0.08	1	98.69	1.3	99.81	0.19	98.87	1.1	100	0	1.03	1	1.03	1	1.1	2	1.08	1	0	65.323529	65.9059
110+06523	6.81	374	3	1.32	3	1.04	3	1.07	3	0.26	3	0.22	3	100	0	100	0	95.76	4.2	93.1	6.86	1.13	3	1.13	3	1.33	3	1.33	3	0	34.6	33.8412
110+06524	7.71	266	4	2.18		1.06	3	1.16		0.26	3	0.32	3	97.07	2.9	91.46	8.54	94.18	5.8	86.5	13.5	1.12	3	1.14		1.3	3	1.4	3	0	35.447059	32.8647
110N04945	4.6	712	2	0.15	1	0.99	2	1.08	3	0.08	1	0.33		100	0	93.19	6.81	100	0	92.9	7.08	1.04	1	1.07	2	1.08	1	1.34	3	0	63.294118	59.4176
110-09495	7.1	331	3	1.37	3	1.01	3	1.07	3	0.25	3	0.25	3	97.28	2.7	96.97	3.03	98.58	1.4	93.7	6.26	1.09	3	1.14		1.23	3	1.29	3	0	24.241176	23.1529
110N18075	4.75	700	2	0.49	2	0.99	2	0.96	1	0.15	2	0.12	2	100	0	100	0	100	0	100	0	1.1	3	1.07	2	1.18	3	1.1	2	0	45.470588	47.2294
110-09494	6.85	358	3	2.17		1.07		1.06	3	0.19	3	0.22	3	100	0	96.21	3.79	93.53	6.5	94.6	5.41	1.07	2	1.07	2	1.29	3	1.24	3	0	30.241176	30.6118
110N04948	2.75	1066	1	0.42	2	0.99	2	0.99	1	0.08	1	0.07	1	100	0	99.97	0.03	100	0	100	0	1.05	1	1.03	1	1.08	1	1.06	1	0	66.164706	66.3824
110+06521	6.51	434	3	1.7		1.02	3	0.99	1	0.11	2	0.19	3	100	0	100	0	98.25	1.8	100	0	1.12	3	1.16		1.27	3	1.27	3	0	27.564706	28.3647
110-09493	5	663	2	1.55		0.99	2	0.99	1	0.09	2	0.16	2	100	0	100	0	100	0	100	0	1.07	2	1.1	3	1.14	2	1.18	2	0	31.264706	31.1824
110N13869	7.61	277	4	0.16	1	1.06	3	1.2		0.23	3	0.31	3	100	0	100	0	93.98	6	83.4	16.6	1.18		1.23		1.46	4	1.73	4	0	17.917647	16.1824

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am - 10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+06519	5.8	527	3	2.25		1.03	3	1.03	2	0.16	3	0.18	3	100	0	98.42	1.58	97.07	2.9	96.8	3.21	1.08	2	1.05	1	1.2	3	1.2	2	0	40.823529	40.7412
110-09480	7.88	251	4	2.23		0.99	2	1.24		0.17	3	0.52		100	0	96.44	3.56	100	0	80.6	19.4	1.09	3	1.15		1.19	3	1.82	4	0	34.747059	28.3529
110N18083	7.46	291	4	0.13	1	1.04	3	1.14	3	0.38		0.57		96.55	3.5	91.17	8.83	96.1	3.9	87.4	12.6	1.06	2	1.31		1.39	4	1.64	4	0	17.270588	15.7882
110+06515	7.93	245	4	1.46		1.07		1.12	3	0.27	3	0.33		96.85	3.2	93.84	6.16	93.56	6.4	89	11	1.11	3	1.15		1.31	3	1.4	3	0	39.317647	37.6706
110+06516	6.29	461	3	2.79		1.01	3	1.05	3	0.14	2	0.17	2	100	0	99.12	0.88	98.54	1.5	95.6	4.4	1.08	2	1.09	3	1.18	3	1.22	3	0	38.435294	37.3588
110+06517	4.75	700	2	0.51	2	0.98	1	0.95	1	0.16	3	0.09	1	100	0	100	0	100	0	100	0	1.11	3	1.11	3	1.24	3	1.19	2	0	29.541176	30.1647
110+06518	3.25	947	1	0.56	2	0.98	1	0.97	1	0.11	2	0.1	1	100	0	100	0	100	0	100	0	1.07	2	1.04	1	1.11	2	1.09	1	0	47.511765	48.1471
110+06511	8.56	151	4	1.34	3	1.11		1.2		0.35		0.4		93.25	6.8	89.25	10.8	90.28	9.7	83.1	16.9	1.13	3	1.1	3	1.39	4	1.5	4	0	35.323529	32.6824
110-09489	7.43	295	3	1.07	3	1.1		1.14	3	0.28	3	0.35		98.05	2	94	6	91.27	8.7	88.1	11.9	1.08	2	1.13	3	1.37	4	1.44	3	0	26.364706	25.6118
110-09488	6.63	401	3	1.85		1.04	3	1.05	3	0.23	3	0.26	3	95.98	4	95.55	4.45	96.44	3.6	94.8	5.24	1.07	2	1.07	2	1.22	3	1.27	3	0	30.658824	30.2294
110+06513	6.02	500	3	1.39	3	1	2	1.03	2	0.16	3	0.12	2	100	0	100	0	100	0	96.9	3.15	1.13	3	1.1	3	1.25	3	1.25	3	0	33.941176	32.8941
110-09487	5.51	588	2	1.48		1	2	0.98	1	0.21	3	0.16	2	99.5	0.5	100	0	99.69	0.3	100	0	1.09	3	1.06	2	1.21	3	1.14	2	0	36.170588	37.2118
110+06514	6.77	387	3	1.03	3	0.98	1	1.04	3	0.16	3	0.31	3	100	0	100	0	100	0	96	3.99	1.1	3	1.18		1.25	3	1.49	4	0	31.917647	30.7588
110-09486	6.55	422	3	0.89	3	1.01	3	1.02	2	0.26	3	0.26	3	98.78	1.2	98.14	1.86	98.63	1.4	97.7	2.33	1.09	3	1.09	3	1.26	3	1.26	3	0	34.8	34.5765
110-09485	6.77	385	3	1.1	3	1	2	1.05	3	0.29	3	0.25	3	100	0	100	0	99.8	0.2	95.5	4.54	1.16		1.12	3	1.32	3	1.32	3	0	28.894118	27.8059
110-09483	6.27	470	3	1.65		1	2	1.03	2	0.21	3	0.16	2	100	0	100	0	100	0	96.9	3.1	1.13	3	1.13	3	1.22	3	1.22	3	0	35.458824	34.4176
110+06510	8.65	134	4	1.15	3	1.08		1.29		0.3		0.24	3	99.88	0.1	100	0	92.64	7.4	77.7	22.3	1.15		1.14		1.4	4	1.61	4	0	29.923529	25.2529
110N13870	5.52	576	3	0.03	1	0.93	1	1.05	3	0.07	1	0.11	2	100	0	100	0	100	0	95.1	4.92	1.23		1.19		1.27	3	1.46	3	0	20.388235	18.0882
110P06519	9.98	4	4	0.04	1	2.34		2.51		3.03		3.09		44.36	56	40.84	59.2	42.72	57	39.9	60.1	1.16		1.16		4.19	4	4.19	4	0	16.494118	15.2471
110P06517	3.5	878	1	0.47	2	1	2	0.97	1	0.11	2	0.1	1	100	0	100	0	99.47	0.5	100	0	1.05	1	1.07	2	1.14	2	1.08	1	0	43.158824	44.6353
110N04725	2.75	1061	1	0.14	1	0.96	1	1	2	0.08	1	0.09	1	100	0	99.74	0.26	100	0	100	0	1.05	1	1.06	2	1.07	1	1.09	1	0	64.717647	62.3765
110N04726	2.79	1041	1	0.4	2	0.97	1	1.02	2	0.08	1	0.1	1	100	0	97.22	2.78	100	0	98	2.04	1.03	1	1.03	1	1.07	1	1.09	1	0	63.935294	60.7176
110N14530	5.12	637	2	0.1	1	1.03	3	1.04	3	0.16	3	0.18	3	96.61	3.4	95.4	4.6	96.83	3.2	95.8	4.23	1.05	1	1.06	2	1.16	2	1.18	2	0	62.670588	61.8294
110N04952	2.25	1160	1	0.04	1	0.98	1	0.97	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.02	1	1.03	1	1.06	1	1.04	1	0	69	69.9118
110N04955	2.75	1074	1	0.53	2	0.99	2	0.99	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.04	1	0	70.505882	70.7353
110N04951	2.75	1063	1	0.4	2	0.99	2	0.99	1	0.06	1	0.07	1	100	0	99.86	0.14	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	69.176471	69.1647
110N04719	3.25	947	1	1.14	3	0.99	2	0.99	1	0.08	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.09	2	1.06	1	0	66.058824	66.4176
110P06527	3.25	947	1	0.51	2	0.96	1	0.92	1	0.04	1	0	1	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.09	2	1.04	1	0	48.882353	50.8471
110N04956	2.75	1056	1	0.42	2	0.99	2	0.99	1	0.06	1	0.06	1	100	0	99.63	0.37	100	0	100	0	1.03	1	1.03	1	1.07	1	1.05	1	0	69.958824	69.8765
110N04957	3	979	1	0.6	3	0.99	2	0.99	1	0.06	1	0.07	1	100	0	99.62	0.38	100	0	100	0	1.04	1	1.03	1	1.06	1	1.06	1	0	70.764706	70.2471
110N04958	3	1008	1	0.7	3	0.99	2	0.99	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.07	1	1.05	1	0	70.188235	70.0647
110N04717	3.5	885	1	0.62	3	0.99	2	0.98	1	0.1	2	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.11	2	1.07	1	0	59.694118	60.0882
110N04959	2.51	1114	1	0.07	1	0.99	2	0.99	1	0.07	1	0.08	1	100	0	99.21	0.79	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	69.547059	69.3294
110P06521	7.66	273	4	0.51	2	1.1		1.08	3	0.31		0.29	3	96.61	3.4	95.74	4.26	91.13	8.9	92.5	7.5	1.12	3	1.14		1.39	4	1.34	3	0	37.952941	38.6353
110N04747	3.28	914	1	0.39	2	1.01	3	1	2	0.07	1	0.09	1	98.64	1.4	98.61	1.39	99.44	0.6	99.6	0.38	1.03	1	1.05	1	1.06	1	1.08	1	0	68.723529	68.7588
110N04748	4.02	807	2	0.5	2	1	2	1.01	2	0.1	2	0.12	2	99.67	0.3	98.64	1.36	100	0	98.6	1.37	1.03	1	1.05	1	1.1	2	1.11	2	0	68.005882	67.0471
110N04749	3.3	905	1	0.48	2	1.01	3	1.02	2	0.07	1	0.09	1	99.29	0.7	96.92	3.08	99.38	0.6	97.6	2.42	1.03	1	1.03	1	1.07	1	1.08	1	0	70.135294	68.8647
110P05444	2.5	1128	1	0.34	2	0.98	1	0.99	1	0.06	1	0.08	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.07	1	0	72.370588	71.7
110P05442	2.75	1074	1	0.73	3	0.98	1	0.97	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.05	1	1.04	1	0	70.958824	71.2412
110P10803	5.25	630	2	0.13	1	0.91	1	0.99	1	0.16	3	0.03	1	100	0	100	0	100	0	100	0	1.17		1.15		1.22	3	1.31	3	0	38.923529	35.8765
110P10804	6.59	412	3	0.62	3	1.04	3	1.06	3	0.26	3	0.24	3	99.68	0.3	96.31	3.69	96.07	3.9	94.3	5.68	1.11	3	1.08	2	1.31	3	1.27	3	0	40.282353	39.5412
110N15859	2.5	1128	1	0.57	2	0.97	1	0.97	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.04	1	0	72.470588	72.4941
110+10800	6.54	425	3	3.15		1	2	1.05	3	0.17	3	0.24	3	100	0	99.03	0.97	99.73	0.3	95	4.97	1.07	2	1.11	3	1.2	3	1.29	3	0	32.194118	30.8235
110N14529	2.5	1128	1	0.23	1	0.99	2	0.98	1	0.08	1	0.09	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.08	1	1.08	1	0	68.511765	68.7529

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+17281	7.84	255	4	2.62		1.02	3	1.19		0.14	2	0.38		100	0	100	0	97.93	2.1	84.4	15.6	1.13	3	1.19		1.29	3	1.93	4	0	34.164706	30.2176
110N04766	3.25	947	1	0.22	1	0.97	1	0.98	1	0.1	2	0.1	1	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.09	2	1.09	1	0	60.423529	60.1235
110+17282	4	823	2	3.24		0.95	1	0.98	1	0.05	1	0.1	1	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.11	2	1.14	2	0	43.152941	42.0588
110N04767	4.25	778	2	0.65	3	1	2	1	2	0.1	2	0.11	2	100	0	99.68	0.32	100	0	99.7	0.28	1.05	1	1.05	1	1.11	2	1.11	2	0	57.652941	57.3471
110N04768	4.54	723	2	0.5	2	1	2	1.03	2	0.12	2	0.14	2	99.23	0.8	98.4	1.6	100	0	97.3	2.71	1.06	2	1.06	2	1.11	2	1.16	2	0	52.176471	50.6235
110N04761	2.76	1050	1	0.39	2	0.98	1	0.99	1	0.06	1	0.11	2	100	0	99.42	0.58	100	0	100	0	1.03	1	1.05	1	1.06	1	1.09	1	0	67.123529	66.1647
110-13930	6.04	492	3	2.37		1	2	1.08	3	0.08	1	0.3	3	100	0	99.97	0.03	99.96	0	92.5	7.51	1.08	2	1.16		1.12	2	1.41	3	0	38.082353	35.5235
110N04762	3.29	911	1	0.47	2	0.98	1	1.02	2	0.08	1	0.14	2	100	0	97.37	2.63	100	0	98.1	1.87	1.05	1	1.05	1	1.07	1	1.13	2	0	63.658824	61.1294
110N04763	2.76	1046	1	0.33	2	0.97	1	1	2	0.06	1	0.09	1	100	0	98.81	1.19	100	0	99.9	0.11	1.05	1	1.05	1	1.06	1	1.08	1	0	66.547059	64.5235
110N04764	3.01	973	1	0.33	2	0.99	2	1	2	0.08	1	0.09	1	100	0	98.89	1.11	100	0	99.9	0.12	1.05	1	1.05	1	1.08	1	1.08	1	0	66.611765	65.7176
110-13933	3.75	851	2	1.87		0.84	1	0.88	1	0.03	1	0	1	100	0	100	0	100	0	100	0	1.13	3	1.07	2	1	1	1.04	1	0	33.117647	31.8235
110-13934	7.1	329	3	1.53		1.01	3	1.05	3	0.25	3	0.22	3	97	3	95.65	4.35	98.91	1.1	95.1	4.93	1.11	3	1.12	3	1.23	3	1.23	3	0	29.188235	28.1412
110-13931	7.82	257	4	2.81		1.1		1.17		0.31		0.27	3	90.98	9	88.44	11.6	90.88	9.1	85.7	14.3	1.11	3	1.08	2	1.31	3	1.31	3	0	29.776471	28.1471
110-13932	9.25	24	4	0.97	3	1.11		1.28		0.68		0.64		85.08	15	80.46	19.5	89.84	10	78.2	21.8	1.19		1.16		1.59	4	1.69	4	0	24.341176	21.4529
110P04774	2.75	1074	1	0.84	3	0.98	1	0.97	1	0.07	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.04	1	1.07	1	1.04	1	0	72.052941	72.6353
110P04773	2.5	1128	1	0.56	2	0.98	1	0.97	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.01	1	1.06	1	1.04	1	0	71.176471	72.0235
110+13925	4.33	750	2	0.13	1	1.01	3	1.02	2	0.14	2	0.19	3	99.21	0.8	94.49	5.51	98.73	1.3	97.9	2.07	1.05	1	1.05	1	1.15	2	1.15	2	0	54.358824	53.8412
110N04760	2.25	1160	1	0.05	1	0.97	1	0.98	1	0.06	1	0.1	1	100	0	100	0	100	0	100	0	1.02	1	1.02	1	1.06	1	1.07	1	0	67.323529	67.0882
110N04754	4.56	717	2	0.39	2	1	2	1.03	2	0.12	2	0.15	2	98.65	1.3	97.3	2.7	100	0	97	3.02	1.06	2	1.06	2	1.1	2	1.15	2	0	51.788235	50.2118
110N04755	3.5	885	1	1.02	3	0.96	1	0.98	1	0.09	2	0.08	1	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.08	1	1.08	1	0	52.652941	51.8706
110N04756	6.56	420	3	0.05	1	1.09		1.13	3	0.25	3	0.31	3	90.94	9.1	87.96	12	91.86	8.1	88.2	11.8	1.11	3	1.08	2	1.24	3	1.3	3	0	46.623529	44.9059
110N04757	4	823	2	0.84	3	0.98	1	0.96	1	0.12	2	0.13	2	100	0	100	0	100	0	100	0	1.07	2	1.05	1	1.14	2	1.1	2	0	61.605882	62.3824
110N04750	3.82	836	2	0.77	3	1.02	3	1.01	2	0.08	1	0.11	2	97.77	2.2	97.44	2.56	97.91	2.1	98.5	1.5	1.03	1	1.04	1	1.08	1	1.09	1	0	68.582353	68.9824
110N04751	5.06	645	2	0.29	2	1	2	1.05	3	0.14	2	0.21	3	98.9	1.1	97.36	2.64	100	0	95.7	4.35	1.05	1	1.07	2	1.12	2	1.23	3	0	65.364706	62.3647
110N04752	5.73	546	3	0.7	3	0.99	2	1.2		0.09	2	0.72		99.77	0.2	85.41	14.6	100	0	83.2	16.8	1.04	1	1.05	1	1.07	1	1.76	4	0	69.347059	59.5235
110N04753	5.61	557	3	0.55	2	1.01	3	1.08	3	0.14	2	0.24	3	98.76	1.2	95.17	4.83	98.76	1.2	92.4	7.62	1.06	2	1.06	2	1.14	2	1.28	3	0	50.676471	47.8706
110+13926	6.63	404	3	1.12	3	1.04	3	1.08	3	0.19	3	0.24	3	98.47	1.5	94.37	5.63	96.55	3.5	92.5	7.54	1.08	2	1.09	3	1.21	3	1.27	3	0	50.217647	48.2471
110+13927	4.78	680	2	1.54		1	2	1.05	3	0.12	2	0.11	2	100	0	99.86	0.14	99.57	0.4	95.3	4.66	1.04	1	1.04	1	1.14	2	1.17	2	0	48.764706	46.7824
110P04787	3.26	924	1	0.88	3	1	2	1.01	2	0.04	1	0.03	1	100	0	99.2	0.8	100	0	98.7	1.35	1.04	1	1.03	1	1.04	1	1.04	1	0	66.594118	65.7353
110-13926	5.06	646	2	1.31	3	1.01	3	1.05	3	0.1	2	0.14	2	100	0	96.88	3.12	99.41	0.6	95.4	4.58	1.04	1	1.07	2	1.11	2	1.16	2	0	49.682353	47.7588
110N04758	5.52	577	3	0.28	2	1.01	3	0.99	1	0.2	3	0.18	3	100	0	98.31	1.69	98.85	1.2	100	0	1.1	3	1.06	2	1.22	3	1.15	2	0	56.970588	57.9824
110-13927	5.86	514	3	0.74	3	1	2	1.12	3	0.11	2	0.3	3	100	0	94.59	5.41	99.7	0.3	89.3	10.7	1.07	2	1.11	3	1.16	2	1.38	3	0	42.570588	38.4529
110P04788	3	986	1	0.47	2	1	2	1	2	0.07	1	0.07	1	100	0	100	0	100	0	99.8	0.23	1.04	1	1.05	1	1.08	1	1.08	1	0	67.076471	66.6647
110N04759	2.25	1160	1	0.09	1	0.98	1	0.98	1	0.07	1	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.07	1	1.07	1	0	65.623529	65.3059
110-13924	4.3	758	2	0.11	1	1.03	3	1.02	2	0.13	2	0.15	2	99.59	0.4	97.21	2.79	96.97	3	98.5	1.55	1.06	2	1.05	1	1.16	2	1.14	2	0	52.870588	53.6588
110P04786	3.01	975	1	0.08	1	0.98	1	1.01	2	0.08	1	0.11	2	100	0	99.51	0.49	100	0	99.4	0.63	1.03	1	1.04	1	1.07	1	1.11	2	0	65.458824	63.9294
110+13932	7.28	309	3	2.56		1.1		1.14	3	0.3		0.28	3	92.27	7.7	89.96	10	91.1	8.9	87.5	12.5	1.07	2	1.07	2	1.32	3	1.32	3	0	30.111765	29.0529
110+13933	7.45	294	3	0.81	3	1	2	1.11	3	0.26	3	0.5		96.38	3.6	88.85	11.2	99.75	0.3	90.4	9.6	1.16		1.18		1.22	3	1.47	3	0	27.888235	25.6176
110+13934	3.5	885	1	1.41	3	0.88	1	0.88	1	0.03	1	0.04	1	100	0	100	0	100	0	100	0	1.1	3	1.06	2	1.02	1	1.02	1	0	33.817647	33.6882
110+13935	7.75	264	4	1.38	3	1.09		1.1	3	0.32		0.32	3	93.99	6	90.03	9.97	91.52	8.5	91	9.03	1.12	3	1.12	3	1.36	4	1.3	3	0	28.7	28.5765
110+13936	8.65	132	4	0.39	2	1.3		1.38		0.44		0.38		90.19	9.8	95.17	4.83	77.07	23	72.3	27.8	1.19		1.13	3	1.69	4	1.82	4	0	18.211765	17.1235
110-17281	5.52	580	3	3.05		0.99	2	1.04	3	0.07	1	0.14	2	100	0	100	0	100	0	96.5	3.55	1.07	2	1.1	3	1.16	2	1.23	3	0	43.217647	41.6765
110-17282	3.25	947	1	0.48	2	0.91	1	0.95	1	0.07	1	0.09	1	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.07	1	1.1	2	0	35.129412	33.7706
110N04787	7.59	280	4	0.4	2	1.15		1.14	3	0.98		0.52		89.25	11	89.4	10.6	86.82	13	87.5	12.5	1.06	2	1.06	2	2.04	4	1.55	4	0	59.011765	58.7118

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110N04788	2.76	1045	1	0.33	2	0.98	1	1	2	0.04	1	0.06	1	100	0	98.77	1.23	100	0	99.6	0.43	1.05	1	1.03	1	1.04	1	1.05	1	0	70.176471	68.3882
110N04789	2.75	1074	1	0.94	3	0.97	1	0.98	1	0.06	1	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.06	1	1.07	1	0	68.611765	67.6529
110N04784	8.88	92	4	0.55	2	1.17		1.19		1.02		0.91		88.73	11	88.47	11.5	85.86	14	84	16	1.14		1.17		2.09	4	2.02	4	0	53.641176	52.1647
110-13911	5	663	2	0.9	3	0.96	1	0.98	1	0.15	2	0.17	2	100	0	100	0	100	0	100	0	1.09	3	1.09	3	1.16	2	1.22	3	0	25.470588	24.9824
110-13912	4.75	700	2	1.81		0.98	1	1	2	0.14	2	0.14	2	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.14	2	1.19	2	0	29.111765	28.6412
110-13910	6.02	499	3	0.23	1	0.95	1	1.04	3	0.26	3	0.21	3	100	0	100	0	100	0	96.1	3.95	1.12	3	1.14		1.29	3	1.4	3	0	17.582353	16.1588
110-13906	4	823	2	0.83	3	0.87	1	0.86	1	0.03	1	0.04	1	100	0	100	0	100	0	100	0	1.1	3	1.14		1.04	1	1.04	1	0	22.794118	23.0471
110-13907	6.27	468	3	0.39	2	1	2	1.01	2	0.22	3	0.24	3	100	0	98.71	1.29	99.89	0.1	99	1.05	1.11	3	1.18		1.24	3	1.24	3	0	19.735294	19.5647
110N04776	2.5	1128	1	0.49	2	0.98	1	0.97	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.01	1	1.03	1	1.05	1	1.04	1	0	72.276471	72.3824
110N04772	2.5	1128	1	0.59	2	0.98	1	0.98	1	0.06	1	0.08	1	100	0	100	0	100	0	100	0	1.03	1	1.04	1	1.06	1	1.06	1	0	70.352941	70.7176
110N04773	2.5	1128	1	0.44	2	0.97	1	0.97	1	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.04	1	0	71.676471	71.7353
110N04774	2.75	1074	1	0.79	3	0.98	1	0.98	1	0.05	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.05	1	0	72.317647	71.7765
110N04775	2.75	1074	1	1.26	3	0.97	1	0.97	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.01	1	1.01	1	1.04	1	1.04	1	0	71.764706	71.4706
110P06509	8.39	185	4	0.27	2	1.08		1.26		0.49		0.32	3	99.56	0.4	100	0	92.97	7	79.3	20.7	1.21		1.14		1.59	4	1.68	4	0	28.382353	24.1882
110-13900	5.5	589	2	1.67		1	2	1	2	0.16	3	0.13	2	100	0	100	0	100	0	99.5	0.53	1.1	3	1.07	2	1.16	2	1.16	2	0	31.435294	31.0824
110-13904	5	663	2	0.41	2	0.95	1	0.95	1	0.15	2	0.24	3	100	0	100	0	100	0	100	0	1.11	3	1.11	3	1.16	2	1.24	3	0	20.829412	20.7882
110-13905	6.61	409	3	0.44	2	0.99	2	1.08	3	0.22	3	0.42		100	0	92.74	7.26	100	0	93	7.02	1.11	3	1.12	3	1.24	3	1.41	3	0	19.858824	18.3882
110-13903	6.18	473	3	0.47	2	1.05	3	1.13	3	0.2	3	0.3	3	97.33	2.7	92.48	7.52	95.43	4.6	88.7	11.3	1.09	3	1.05	1	1.23	3	1.35	3	0	24.535294	22.8353
110N06506	8.24	200	4	0.13	1	1.16		1.23		0.42		0.5		85.34	15	81.31	18.7	86.2	14	81.6	18.5	1.12	3	1.13	3	1.41	4	1.49	4	0	43.811765	41.5941
110+17248	3.5	885	1	1.45	3	0.91	1	0.91	1	0.09	2	0.1	1	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.08	1	1.08	1	0	29.8	29.7471
110P14530	3.52	868	2	0.09	1	1	2	0.99	1	0.11	2	0.14	2	100	0	98.28	1.72	100	0	100	0	1.05	1	1.04	1	1.13	2	1.11	2	0	63.064706	63.5
110P04749	3.02	966	1	0.47	2	1	2	1	2	0.07	1	0.08	1	100	0	98.37	1.63	100	0	100	0	1.03	1	1.04	1	1.07	1	1.06	1	0	70.1	69.8
110-17248	6.99	347	3	1.29	3	1.07		1.15		0.22	3	0.24	3	95.14	4.9	90.21	9.79	93.74	6.3	87.2	12.8	1.1	3	1.04	1	1.24	3	1.29	3	0	31.3	29.2471
110P04745	3.5	885	1	0.02	1	0.97	1	0.97	1	0.12	2	0.11	2	100	0	100	0	100	0	100	0	1.07	2	1.07	2	1.11	2	1.09	1	0	59.005882	59.1294
110N04790	2.5	1128	1	0.52	2	0.96	1	0.99	1	0.03	1	0.09	1	100	0	100	0	100	0	100	0	1.03	1	1.04	1	1.03	1	1.09	1	0	70.3	68.5529
110N06525	8.41	181	4	0.07	1	1.09		1.17		0.46		0.36		97.88	2.1	97.65	2.35	91.65	8.3	85.4	14.6	1.24		1.16		1.56	4	1.56	4	0	30.094118	28.1765
110-16146	2.75	1074	1	1.34	3	0.97	1	0.97	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.06	1	1.06	1	0	66.664706	66.6294
110-16145	5.27	615	2	1.55		1.03	3	0.98	1	0.16	3	0.14	2	99.79	0.2	99.44	0.56	96.61	3.4	100	0	1.05	1	1.07	2	1.2	3	1.11	2	0	44.035294	46.3765
110N06527	3.25	947	1	0.58	2	0.95	1	0.97	1	0.04	1	0.07	1	100	0	100	0	100	0	100	0	1.04	1	1.06	2	1.09	2	1.11	2	0	50.211765	49.4
110N06523	8.59	146	4	0.02	1	1.09		1.15		0.45		0.67		91.29	8.7	85.71	14.3	91.52	8.5	87.1	12.9	1.21		1.2		1.45	4	1.65	4	0	33.164706	31.7118
110P04759	3.5	885	1	0.08	1	0.98	1	0.99	1	0.1	2	0.1	1	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.1	2	1.1	2	0	64.070588	63.2882
110P04757	3.5	885	1	0.7	3	0.97	1	0.97	1	0.12	2	0.11	2	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.1	2	1.08	1	0	62.288235	62.2765
110P04754	4.03	803	2	0.23	1	1	2	1.02	2	0.12	2	0.13	2	99.79	0.2	97.97	2.03	99.87	0.1	98.4	1.56	1.06	2	1.04	1	1.12	2	1.12	2	0	52.682353	51.8471
110P04755	4.77	684	2	0.98	3	1	2	1.01	2	0.13	2	0.12	2	99.76	0.2	98.93	1.07	99.8	0.2	98.8	1.18	1.06	2	1.06	2	1.13	2	1.13	2	0	51.676471	51.1235
110P04752	2.75	1074	1	0.65	3	0.98	1	0.98	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.05	1	1.05	1	0	69.470588	69.4529
110P04753	4.28	764	2	0.59	2	1	2	1.01	2	0.12	2	0.15	2	99.97	0	97.81	2.19	100	0	98.7	1.27	1.06	2	1.04	1	1.11	2	1.14	2	0	49.158824	48.3353
110P04750	4.03	802	2	0.4	2	1	2	1.01	2	0.1	2	0.14	2	100	0	97.42	2.58	99.63	0.4	98.5	1.46	1.05	1	1.05	1	1.11	2	1.13	2	0	66.388235	65.6353
110P04751	4.5	739	2	0.34	2	1.01	3	0.99	1	0.14	2	0.14	2	100	0	100	0	99.24	0.8	100	0	1.07	2	1.07	2	1.15	2	1.13	2	0	59.588235	60.6941
110+13902	6.1	479	3	1.19	3	1.03	3	1.07	3	0.16	3	0.21	3	97.74	2.3	96.71	3.29	97.34	2.7	93.1	6.91	1.07	2	1.07	2	1.17	2	1.26	3	0	30.588235	29.3353
110+13903	6.45	436	3	0.37	2	1.05	3	1.11	3	0.24	3	0.27	3	95.4	4.6	92.17	7.83	95.01	5	89.7	10.3	1.07	2	1.12	3	1.25	3	1.3	3	0	29.617647	28
110+53324	4	814	2	1.31	3	0.99	2	0.99	1	0.14	2	0.15	2	100	0	99.87	0.13	100	0	100	0	1.05	1	1.05	1	1.14	2	1.14	2	0	40.188235	40.1588
110N06517	5.85	517	3	0.6	3	1.03	3	1.02	2	0.23	3	0.21	3	96.54	3.5	95.93	4.07	97.23	2.8	97.6	2.43	1.07	2	1.07	2	1.22	3	1.19	2	0	43.829412	43.9294
110+13904	6.45	437	3	0.53	2	1.04	3	1.11	3	0.19	3	0.26	3	95.37	4.6	92.28	7.72	95.76	4.2	89.8	10.2	1.08	2	1.09	3	1.18	3	1.3	3	0	26.047059	24.4471
110+13905	5.25	630	2	0.48	2	0.9	1	0.96	1	0.14	2	0.12	2	100	0	100	0	100	0	100	0	1.14		1.16		1.09	2	1.22	3	0	23.147059	21.7882

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P04767	3.5	879	1	0.39	2	1	2	0.99	1	0.1	2	0.1	1	100	0	100	0	99.74	0.3	100	0	1.05	1	1.05	1	1.12	2	1.1	2	0	58.252941	58.8529
110+13906	6.53	429	3	0.54	2	0.95	1	1.06	3	0.28	3	0.19	3	100	0	100	0	100	0	94.1	5.87	1.16		1.18		1.22	3	1.3	3	0	21.735294	19.5765
110+13907	5.77	536	3	1	3	0.91	1	1.05	3	0.14	2	0.19	3	100	0	100	0	100	0	95.6	4.36	1.1	3	1.11	3	1.09	2	1.3	3	0	22.711765	19.9529
110N06519	6.27	469	3	0.02	1	1.08		1.1	3	0.25	3	0.27	3	90.97	9	90.77	9.23	92.19	7.8	91.1	8.88	1.06	2	1.06	2	1.23	3	1.26	3	0	41.911765	41.4235
110P04765	5.05	647	2	0.51	2	1.01	3	1.03	2	0.14	2	0.16	2	99.52	0.5	96.69	3.31	99.25	0.8	97.5	2.55	1.09	3	1.07	2	1.15	2	1.15	2	0	60.458824	59.2882
110P04762	4.25	781	2	0.36	2	0.99	2	1	2	0.12	2	0.11	2	100	0	100	0	100	0	99.9	0.06	1.05	1	1.07	2	1.12	2	1.12	2	0	62.141176	61.4235
110P04760	2.75	1065	1	0.07	1	0.97	1	0.99	1	0.1	2	0.1	1	100	0	99.93	0.07	100	0	100	0	1.03	1	1.05	1	1.09	2	1.09	1	0	65.170588	63.6471
110+13912	5.53	572	3	0.78	3	1.03	3	1.03	2	0.21	3	0.17	2	100	0	100	0	96.63	3.4	96.8	3.16	1.04	1	1.08	2	1.25	3	1.25	3	0	25.394118	25.5529
110+13912	5.53	572	3	0.78	3	1.03	3	1.03	2	0.21	3	0.17	2	100	0	100	0	96.63	3.4	96.8	3.16	1.04	1	1.08	2	1.25	3	1.25	3	0	25.394118	25.5529
110+18094	5.52	581	3	1.83		0.97	1	1.03	2	0.15	2	0.15	2	100	0	100	0	100	0	96.9	3.12	1.11	3	1.09	3	1.15	2	1.22	3	0	40.217647	38
110+18093	5.77	538	3	1.68		0.99	2	1.04	3	0.17	3	0.15	2	100	0	100	0	100	0	96.5	3.53	1.11	3	1.08	2	1.17	2	1.2	2	0	40.982353	39.4588
110P04817	8.2	212	4	0.23	1	1.22		1.18		1.5		1.08		84.72	15	86.96	13	82.18	18	84.8	15.2	1.1	3	1.09	3	2.57	4	2.13	4	0	52.852941	53.7412
110P04818	8.1	228	4	0.4	2	1.08		1.29		0.29	3	1.48		93.26	6.7	86.87	13.1	92.93	7.1	77.3	22.7	1.09	3	1.28		1.3	3	2.79	4	0	52.317647	45.4824
110P04815	2.75	1074	1	1.36	3	0.98	1	0.97	1	0.04	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.04	1	1.05	1	0	68.029412	68.5765
110P04813	3.28	912	1	0.25	2	0.99	2	1.02	2	0.07	1	0.1	1	99.83	0.2	97.69	2.31	100	0	98.2	1.78	1.05	1	1.05	1	1.06	1	1.1	2	0	67.652941	66.0118
110P04814	3.26	933	1	0.32	2	1	2	0.99	1	0.1	2	0.08	1	99.56	0.4	99.68	0.32	100	0	100	0	1.05	1	1.05	1	1.09	2	1.07	1	0	66.635294	66.6294
110+18092	6.6	410	3	0.57	2	1.02	3	1.05	3	0.23	3	0.24	3	97.58	2.4	96.49	3.51	97.82	2.2	94.9	5.07	1.1	3	1.11	3	1.23	3	1.27	3	0	42.117647	40.9059
110+18091	8.5	166	4	0.23	1	1.23		1.26		0.64		0.55		83.4	17	86.19	13.8	81.18	19	79.3	20.7	1.16		1.13	3	1.68	4	1.68	4	0	34.129412	33.5235
110+18090	4.77	687	2	1.98		0.99	2	1.04	3	0.12	2	0.09	1	100	0	100	0	100	0	96.6	3.44	1.08	2	1.05	1	1.15	2	1.19	2	0	41.788235	40.2118
110-10939	4	823	2	0.65	3	0.61	1	0.6	1	0	1	0	1	100	0	100	0	100	0	100	0	1.16		1.09	3	0.91	1	0.75	1	0	35.382353	36.2706
110N10939	2.75	1074	1	0.1	1	0.51	1	0.49	1	0	1	0	1	100	0	100	0	100	0	100	0	1.11	3	1.05	1	0.91	1	0.56	1	0	42.476471	44.5941
110P04821	7.67	271	4	0.36	2	1.06	3	1.43		0.21	3	2.25		93.95	6.1	82.28	17.7	94.6	5.4	69.8	30.2	1.07	2	1.36		1.2	3	3.83	4	0	55.041176	44.6176
110+04908	9.45	10	4	1.17	3	1.83		2.12		1.99		1.68		87.41	13	91.71	8.29	54.75	45	47.2	52.8	2.75		2.88		4.77	4	5.21	4	0	37.288235	33
110-18892	8.64	136	4	0.84	3	1.29		1.37		0.77		0.62		79.21	21	81.55	18.5	77.33	23	73.1	26.9	1.13	3	1.07	2	1.81	4	1.81	4	0	16.864706	16.0294
110+04907	2.75	1074	1	0.89	3	0.96	1	0.98	1	0.06	1	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.06	1	1.06	1	0	64.047059	63.2059
110+04906	3	1008	1	1.55		0.97	1	0.97	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.04	1	0	67.747059	67.6235
110+04901	3.78	838	2	2.42		0.98	1	1.02	2	0.06	1	0.12	2	100	0	97.91	2.09	100	0	97.7	2.29	1.01	1	1.04	1	1.04	1	1.13	2	0	71.005882	68.3176
110+04905	2.75	1074	1	1.19	3	0.98	1	0.98	1	0.08	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.07	1	1.05	1	0	69.629412	69.7294
110P04839	4.03	805	2	0.04	1	0.99	2	1.01	2	0.12	2	0.16	2	100	0	97.9	2.1	100	0	98.5	1.49	1.05	1	1.07	2	1.11	2	1.16	2	0	58.511765	56.9412
110+04903	4	823	2	3.21		0.96	1	0.98	1	0.04	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.02	1	1.05	1	1	70.817647	69.8235
110-10920	3	1008	1	1.66		0.98	1	0.98	1	0.04	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.05	1	0	70.823529	70.7706
110+08028	5.01	656	2	0.88	3	1.02	3	1	2	0.23	3	0.09	1	100	0	99.78	0.22	97.51	2.5	100	0	1.07	2	1.07	2	1.27	3	1.08	1	0	59.647059	60.9
110P04847	4.81	675	2	0.37	2	1.02	3	1.03	2	0.14	2	0.13	2	97.99	2	98.14	1.86	98.05	2	97.1	2.94	1.07	2	1.06	2	1.14	2	1.14	2	0	55.870588	55.2412
110N18883	8.61	143	4	0.07	1	1.19		1.25		0.62		0.62		93.63	6.4	88.8	11.2	84.14	16	79.8	20.3	1.37		1.28		1.8	4	1.8	4	0	13.670588	12.9588
110+14529	3	1008	1	2.14		0.97	1	0.97	1	0.06	1	0.1	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.07	1	0	65.394118	64.7529
110N10921	2.75	1074	1	0.76	3	0.97	1	0.98	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	70.529412	69.8882
110+04725	3.25	947	1	0.14	1	0.99	2	0.99	1	0.11	2	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.1	2	1.1	2	0	59.094118	58.7765
110+04724	2.75	1074	1	0.89	3	0.98	1	0.96	1	0.06	1	0.09	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.07	1	0	62.276471	62.9412
110+04722	5.04	650	2	0.39	2	1.05	3	0.97	1	0.33		0.08	1	98.4	1.6	100	0	94.84	5.2	100	0	1.09	3	1.05	1	1.38	4	1.06	1	0	58.082353	62.1118
110N05379	4.37	748	2	0.37	2	1	2	1.09	3	0.06	1	0.28	3	99.11	0.9	93.72	6.28	99.49	0.5	91.3	8.66	1.03	1	1.04	1	1.05	1	1.31	3	0	69.205882	64.1059
110N06468	9.08	50	4	0.2	1	1.36		1.47		0.88		1.08		76.42	24	69.48	30.5	73.75	26	67.9	32.1	1.22		1.15		1.95	4	2.13	4	0	33.094118	30.5882
110N06463	8.67	125	4	0.02	1	1.27		1.4		0.7		0.64		79.63	20	78.14	21.9	78.74	21	71.3	28.7	1.18		1.13	3	1.72	4	1.8	4	0	29.829412	27.0941
110N06462	8.84	98	4	0.03	1	1.28		1.41		0.55		0.67		81.82	18	84.7	15.3	78.05	22	70.8	29.2	1.17		1.2		1.62	4	2	4	0	26.588235	24.3353
110N06459	8.8	108	4	0.02	1	1.22		1.28		0.98		0.7		84.03	16	81.3	18.7	81.85	18	78.2	21.8	1.24		1.17		2.04	4	1.77	4	0	21.970588	20.9824

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+04718	2.75	1074	1	1.28	3	0.97	1	0.97	1	0.04	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.03	1	1.05	1	0	65.917647	65.7941
110+13854	4.54	725	2	2.55		0.98	1	1.03	2	0.12	2	0.15	2	100	0	97.95	2.05	100	0	96.9	3.11	1.05	1	1.08	2	1.1	2	1.16	2	0	43.829412	41.7824
110+13858	9.2	33	4	1.08	3	1.4		1.42		1.21		1.2		96.47	3.5	87.87	12.1	71.48	29	70.4	29.6	1.29		1.21		2.98	4	2.75	4	0	26.729412	26.1353
110+13859	8.89	90	4	0.23	1	1.27		1.36		0.81		0.78		81.55	18	77.76	22.2	78.75	21	73.8	26.2	1.22		1.18		1.87	4	1.87	4	0	26.770588	25.2941
110P09491	8.91	80	4	0.25	2	1.15		1.3		0.69		0.58		87.57	12	89.03	11	87.33	13	77.1	22.9	1.3		1.27		1.7	4	1.83	4	0	20.811765	18.6176
110+18078	8.2	211	4	1.79		1.07		1.14	3	0.32		0.28	3	94.49	5.5	94.98	5.02	93.34	6.7	87.4	12.6	1.14		1.09	3	1.34	4	1.39	3	0	38.841176	36.5059
110+18077	4.77	688	2	2.31		0.96	1	1.03	2	0.12	2	0.09	1	100	0	100	0	100	0	97	3.05	1.09	3	1.08	2	1.14	2	1.2	2	0	46.041176	43.1765
110+04947	3.76	844	2	0.19	1	0.99	2	1.01	2	0.1	2	0.11	2	100	0	99.63	0.37	100	0	99	0.99	1.05	1	1.05	1	1.1	2	1.12	2	0	64.529412	63.2294
110P09494	8.98	65	4	0.02	1	1.39		1.28		1.18		0.94		74.4	26	78.06	21.9	72.01	28	77.9	22.1	1.32		1.22		2.25	4	1.95	4	0	21.4	22.9294
110+04946	3.28	916	1	0.53	2	0.99	2	1.02	2	0.08	1	0.1	1	100	0	97.96	2.04	100	0	98	2.03	1.05	1	1.03	1	1.08	1	1.1	2	0	63.147059	61.5118
110+18070	7.56	285	4	2.74		1.04	3	1.09	3	0.24	3	0.31	3	100	0	100	0	95.97	4	91.3	8.7	1.14		1.14		1.32	3	1.44	3	0	31.847059	30.4471
110-08804	3	987	1	1.88		0.98	1	0.99	1	0.06	1	0.05	1	100	0	99.96	0.04	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	68.952941	68.4765
110-08807	4.98	669	2	0.59	2	0.98	1	1.19		0.07	1	1.54		100	0	84.42	15.6	100	0	84.3	15.7	1.03	1	1.03	1	1.05	1	2.54	4	0	70.017647	60.9588
110-08805	4.27	765	2	2.14		0.99	2	1.02	2	0.07	1	0.19	3	100	0	98.84	1.16	100	0	97.7	2.31	1.03	1	1.05	1	1.06	1	1.21	2	0	69.5	67.3824
110+18082	5.51	586	2	2.21		1.02	3	1.01	2	0.12	2	0.12	2	100	0	100	0	98.3	1.7	99.4	0.6	1.07	2	1.07	2	1.18	3	1.18	2	0	31.217647	31.4941
110P09480	9.25	25	4	0.04	1	1.4		1.74		1.13		1.06		69.26	31	66.55	33.5	71.41	29	57.4	42.6	1.2		1.28		2.07	4	2.39	4	0	22.135294	17.9118
110N06478	8.61	144	4	0.03	1	1.14		1.46		0.68		0.84		84.79	15	76.57	23.4	87.67	12	68.6	31.4	1.2		1.12	3	1.62	4	2.05	4	0	26.847059	21.2118
110N06479	5.5	592	2	0.2	1	0.91	1	0.96	1	0.27	3	0.12	2	100	0	100	0	100	0	100	0	1.18		1.14		1.24	3	1.24	3	0	25.911765	24.5824
110P09485	8.96	69	4	0.02	1	1.27		1.37		0.82		0.95		77.95	22	75.36	24.6	78.48	22	73	27	1.14		1.22		1.8	4	2.02	4	0	26.894118	25.2412
110+18081	5.53	574	3	1.59		0.98	1	1.06	3	0.18	3	0.14	2	100	0	100	0	100	0	94.6	5.39	1.06	2	1.1	3	1.17	2	1.21	2	0	35.847059	33.1
110+18080	5.84	519	3	2.42		1.01	3	1.06	3	0.2	3	0.18	3	97.36	2.6	96.96	3.04	99.13	0.9	93.9	6.06	1.05	1	1.05	1	1.18	3	1.21	2	0	40.882353	38.8
110N06476	8.71	121	4	0.03	1	1.14		1.47		0.65		0.67		95.69	4.3	80.5	19.5	88.02	12	67.8	32.2	1.29		1.28		1.79	4	1.98	4	0	33.088235	25.5529
110N05380	5.81	523	3	0.31	2	1.07		1.2		0.08	1	1.35		92.32	7.7	88.22	11.8	93	7	83.2	16.9	1.03	1	1.05	1	1.07	1	2.49	4	0	64.911765	58.9765
110N06471	5.84	520	3	0.52	2	1	2	1.09	3	0.1	2	0.33		100	0	95.49	4.51	100	0	92	8.04	1.07	2	1.1	3	1.14	2	1.38	3	0	45.711765	42.4412
110+04767	3.25	947	1	0.29	2	0.98	1	0.96	1	0.09	2	0.08	1	100	0	100	0	100	0	100	0	1.07	2	1.05	1	1.11	2	1.07	1	0	60.911765	62.0412
110+04765	3.5	885	1	1.14	3	0.99	2	0.98	1	0.1	2	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.1	2	1.08	1	0	63.517647	64.0471
110+04755	4.26	776	2	0.31	2	0.99	2	1	2	0.1	2	0.1	1	100	0	99.58	0.42	100	0	99.5	0.53	1.06	2	1.06	2	1.1	2	1.1	2	0	52.458824	51.4529
110-04898	3.53	864	2	5.76		1	2	1.01	2	0.04	1	0.09	1	100	0	97.72	2.28	99.69	0.3	98.6	1.45	1.03	1	1.01	1	1.04	1	1.08	1	0	70.829412	70.0176
110-04899	4.03	806	2	4.68		0.99	2	1.02	2	0.04	1	0.14	2	100	0	98.3	1.7	100	0	98.3	1.66	1.01	1	1.03	1	1.04	1	1.14	2	0	71.688235	69.7824
110+04749	3.53	866	2	2.43		0.99	2	1.01	2	0.05	1	0.08	1	100	0	97.77	2.23	100	0	99.4	0.6	1.03	1	1.03	1	1.05	1	1.06	1	0	68.9	67.7059
110N50192	8.91	81	4	0.06	1	1.38		1.44		0.73		0.53		81.7	18	81.31	18.7	72.68	27	69.5	30.5	1.22		1.16		1.95	4	1.79	4	0	32.794118	31.2412
110+06507	7.55	288	4	2.1		1.05	3	1.06	3	0.3		0.13	2	100	0	100	0	95.3	4.7	93.9	6.1	1.14		1.09	3	1.43	4	1.25	3	0	38.641176	37.8412
110+14532	3.75	851	2	1.58		0.91	1	0.93	1	0.01	1	0.01	1	100	0	100	0	100	0	100	0	1.08	2	1.09	3	1.03	1	1.06	1	0	38.282353	37.6176
110N18069	9.29	20	4	0.07	1	1.49		1.59		1.29		1.25		67.02	33	63.85	36.2	67.24	33	62.7	37.3	1.3		1.18		2.29	4	2.29	4	0	21.494118	20.1
110+04791	7.78	262	4	0.02	1	1.08		1.59		0.32		2.87		91.36	8.6	78.08	21.9	92.32	7.7	62.8	37.2	1.05	1	1.81		1.31	3	4.8	4	0	54.276471	41.8529
110-04851	4.3	760	2	0.57	2	0.98	1	1.03	2	0.11	2	0.17	2	100	0	96.5	3.5	100	0	96.8	3.17	1.08	2	1.08	2	1.1	2	1.17	2	0	56.088235	53.5
110N13852	7.82	256	4	0.26	2	1.06	3	1.1	3	0.36		0.31	3	100	0	100	0	94.62	5.4	90.5	9.53	1.19		1.2		1.52	4	1.52	4	0	24.511765	23.4176
110N13857	8.56	153	4	0.19	1	1.23		1.35		0.57		0.56		94.58	5.4	97.15	2.85	81.16	19	74.1	25.9	1.3		1.29		1.83	4	2.05	4	0	28.488235	26.0588
110N13858	8.49	168	4	0.09	1	1.1		1.26		0.39		0.5		94.96	5	95.86	4.14	90.47	9.5	79.1	20.9	1.17		1.14		1.46	4	1.82	4	0	19.858824	17.5471
110N13856	5.3	611	2	0.73	3	0.99	2	1.05	3	0.12	2	0.18	3	100	0	97.44	2.56	100	0	95.5	4.54	1.07	2	1.07	2	1.12	2	1.21	2	0	46.241176	43.8118
110P17248	6.32	453	3	0.79	3	1.02	3	1.05	3	0.17	3	0.21	3	99.55	0.5	96.59	3.41	98.38	1.6	95.6	4.36	1.06	2	1.06	2	1.18	3	1.22	3	0	34.876471	34.0294
110+04788	3.54	859	2	0.74	3	1.01	3	1.03	2	0.04	1	0.05	1	99.4	0.6	98.3	1.7	98.85	1.2	97.3	2.68	1.03	1	1.05	1	1.05	1	1.06	1	0	65.282353	64.3
110N04905	2.51	1113	1	0.41	2	0.98	1	0.99	1	0.07	1	0.08	1	100	0	98.82	1.18	100	0	100	0	1.05	1	1.03	1	1.07	1	1.06	1	0	68.7	68.3412
110N04907	2.5	1128	1	0.58	2	0.96	1	0.96	1	0.04	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.04	1	1.04	1	0	65.935294	65.7353

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+04787	2.25	1160	1	0.19	1	0.96	1	0.98	1	0.04	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.04	1	1.07	1	0	66.8	65.5529
110+04786	3.25	947	1	0.78	3	0.97	1	1	2	0.06	1	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.06	1	1.1	2	0	64.282353	62.8588
110N0490	4.65	708	2	0.48	2	1.02	3	1.09	3	0.08	1	0.18	3	97.9	2.1	91.9	8.1	97.56	2.4	92	8.03	1.03	1	1.03	1	1.09	2	1.18	2	0	68.717647	65.1294
110N0490	3.26	928	1	1.48		1	2	0.99	1	0.06	1	0.07	1	100	0	98.88	1.12	100	0	100	0	1.03	1	1.03	1	1.07	1	1.05	1	0	69.9	70.0882
110N10798	6.18	474	3	0.38	2	1.06	3	1.07	3	0.22	3	0.31	3	96.68	3.3	91.2	8.8	94.74	5.3	93.5	6.54	1.08	2	1.08	2	1.24	3	1.28	3	0	40.017647	39.6471
110N10799	8.36	192	4	0.07	1	1.22		1.14	3	0.71		0.42		86.91	13	92.35	7.65	82.25	18	88.1	12	1.16		1.16		1.8	4	1.49	4	0	28.494118	30.2353
110P13905	8.52	156	4	0.36	2	1.02	3	1.22		0.45		0.58		93.71	6.3	89.37	10.6	98.06	1.9	81.8	18.2	1.23		1.21		1.39	4	1.73	4	0	20.370588	17.0706
110-04838	5.01	658	2	0.13	1	1.01	3	0.98	1	0.23	3	0.16	2	99.82	0.2	100	0	98.51	1.5	100	0	1.09	3	1.07	2	1.25	3	1.15	2	0	56.735294	58.1941
110P09491	10.2	3	4	1.4	3	1.24		1.51		0.69		0.87		81.23	19	76.5	23.5	81	19	66.2	33.8	1.12	3	1.21		1.7	4	2.16	4	1	19.205882	15.9941
110+10924	5.35	600	2	1.07	3	1.04	3	1.03	2	0.15	2	0.18	3	97.3	2.7	96.57	3.43	95.92	4.1	97.2	2.84	1.06	2	1.08	2	1.17	2	1.17	2	0	53.988235	54.5824
110+09499	5.01	656	2	1.99		1.02	3	1.01	2	0.13	2	0.14	2	100	0	100	0	97.7	2.3	99.4	0.63	1.08	2	1.05	1	1.16	2	1.16	2	0	38.417647	39.1294
110+07991	6.81	371	3	1.19	3	1.03	3	1.11	3	0.17	3	0.15	2	100	0	100	0	97.26	2.7	89.8	10.2	1.15		1.11	3	1.32	3	1.4	3	0	43.694118	40.5529
110N10908	9.24	27	4	0.07	1	1.43		1.65		1.39		1.28		71.2	29	64.62	35.4	69.89	30	60.7	39.3	1.33		1.31		2.43	4	2.43	4	0	18.864706	16.4118
110-09499	6.28	463	3	2.59		1	2	1.06	3	0.15	2	0.15	2	100	0	99.75	0.25	100	0	94.4	5.6	1.09	3	1.1	3	1.18	3	1.22	3	0	35.417647	33.4824
110-07991	9.22	28	4	0.3	2	1.35		1.64		0.76		0.87		82.2	18	77.95	22.1	74.17	26	61	39	1.26		1.23		1.96	4	2.39	4	0	32.129412	26.6706
110-09497	6.52	430	3	2.21		0.99	2	1.05	3	0.14	2	0.22	3	100	0	99.77	0.23	100	0	95.6	4.41	1.1	3	1.1	3	1.18	3	1.27	3	0	33.247059	31.7353
110+13838	5.76	541	3	1.78		1.01	3	1.01	2	0.17	3	0.17	2	100	0	99.8	0.2	99.36	0.6	99.1	0.86	1.06	2	1.06	2	1.18	3	1.18	2	0	50.423529	50.3941
110-10902	4.58	715	2	7.63		1.03	3	1.02	2	0.11	2	0.11	2	97.4	2.6	96.88	3.12	97.36	2.6	98.3	1.66	1.04	1	1.04	1	1.11	2	1.09	1	0	56.2	56.8176
110-10901	5.33	604	2	2.45		1.03	3	1.03	2	0.12	2	0.15	2	98.72	1.3	96.55	3.45	96.8	3.2	96.8	3.16	1.06	2	1.06	2	1.15	2	1.15	2	0	55.417647	55.5059
110N17136	8.9	85	4	0.02	1	1.32		1.58		0.85		1.1		84.01	16	80.94	19.1	75.81	24	63.4	36.6	1.33		1.32		2.05	4	2.69	4	0	32.711765	27.8235
110N06489	8.51	159	4	0.02	1	1.18		1.3		0.49		0.47		93.14	6.9	99.79	0.21	84.74	15	77.1	22.9	1.26		1.24		1.64	4	1.9	4	0	30.664706	28.0647
110P09498	8.84	97	4	0.04	1	1.27		1.34		0.71		0.64		82.25	18	81.46	18.5	78.95	21	74.9	25.1	1.18		1.21		1.78	4	1.78	4	0	23.947059	22.7
110-13837	6.29	457	3	1.62		1.05	3	1.02	2	0.18	3	0.18	3	100	0	98.64	1.36	95.44	4.6	98.4	1.64	1.07	2	1.09	3	1.25	3	1.19	2	0	47.570588	49.0706
110-06502	4.76	690	2	1.25	3	1	2	1.02	2	0.12	2	0.13	2	100	0	100	0	99.58	0.4	98.3	1.67	1.07	2	1.07	2	1.14	2	1.17	2	0	47.805882	47.2588
110-06501	5.29	613	2	2.51		1.02	3	1.04	3	0.13	2	0.14	2	100	0	99.23	0.77	98.07	1.9	96.1	3.87	1.06	2	1.04	1	1.15	2	1.18	2	0	50.788235	49.8412
110-06500	5.76	541	3	1.78		1.01	3	1.01	2	0.17	3	0.17	2	100	0	99.8	0.2	99.36	0.6	99.1	0.86	1.06	2	1.06	2	1.18	3	1.18	2	0	50.423529	50.3941
110N06485	8.51	158	4	0.01	1	1.21		1.18		0.66		0.38		89.9	10	100	0	82.58	17	84.8	15.2	1.29		1.18		1.81	4	1.63	4	0	29.135294	29.2706
110N06484	8.4	183	4	0.09	1	1.23		1.41		0.65		0.68		81.75	18	76.72	23.3	81.44	19	71.2	28.8	1.18		1.07	2	1.65	4	1.81	4	0	30.976471	27.1588
110N06486	6.78	383	3	0.01	1	1.04	3	1.03	2	0.37		0.15	2	100	0	100	0	96.29	3.7	97.2	2.77	1.21		1.21		1.49	4	1.37	3	0	33.152941	33.3647
110P10908	8.52	157	4	0.06	1	1.15		1.2		0.42		0.56		97.41	2.6	90.7	9.3	87.07	13	83.5	16.5	1.16		1.22		1.58	4	1.69	4	0	22.017647	21.3529
110P10910	8.81	102	4	0.02	1	1.25		1.27		0.6		0.71		85.44	15	79.06	20.9	79.71	20	78.7	21.3	1.14		1.14		1.72	4	1.72	4	0	22.035294	21.7882
110N08449	9.4	14	4	0.02	1	1.6		1.72		1.44		2.48		64.59	35	59.98	40	62.56	37	58	42	1.31		1.38		2.52	4	3.6	4	0	15.735294	14.9294
110N08447	8.62	142	4	0.51	2	1.09		1.18		0.34		0.46		100	0	100	0	91.76	8.2	84.7	15.3	1.19		1.36		1.54	4	1.82	4	0	18.523529	17.4471
110-08455	8.64	137	4	2.16		1.04	3	1.24		0.32		0.31	3	98.58	1.4	99.26	0.74	95.77	4.2	80.9	19.1	1.17		1.2		1.36	4	1.6	4	0	33.829412	28.7824
110-08452	8.82	101	4	0.8	3	1.09		1.2		0.39		0.46		93.1	6.9	87.26	12.7	91.61	8.4	83.5	16.5	1.14		1.11	3	1.41	4	1.53	4	0	32.129412	29.4353
110+06492	6.01	501	3	1.51		0.95	1	1.03	2	0.17	3	0.21	3	100	0	100	0	100	0	97.4	2.65	1.09	3	1.1	3	1.16	2	1.24	3	0	36.311765	33.9235
110+06490	8.19	213	4	0.71	3	1.04	3	1.31		0.31		0.4		97.61	2.4	97.34	2.66	96.23	3.8	76	24	1.13	3	1.17		1.32	3	1.79	4	0	34.341176	27.5059
110-08456	7.1	330	3	3.45		1.04	3	1.13	3	0.2	3	0.21	3	100	0	97.89	2.11	95.91	4.1	88.8	11.2	1.11	3	1.11	3	1.26	3	1.34	3	0	41.035294	38.1412
110N06496	8.88	94	4	0.04	1	1.4		1.61		0.77		0.87		74.77	25	70.95	29.1	71.25	29	62.1	37.9	1.1	3	1.15		1.85	4	2.14	4	0	19.829412	17.3294
110+06489	8.88	93	4	0.93	3	1.09		1.46		0.36		0.64		93.48	6.5	88.46	11.5	91.95	8.1	68.5	31.5	1.13	3	1.18		1.39	4	2.12	4	0	33.058824	25.4824
110+06487	7.96	238	4	1.45	3	1.02	3	1.23		0.23	3	0.59		98.02	2	91.91	8.09	97.72	2.3	81.4	18.7	1.11	3	1.17		1.24	3	1.8	4	0	38.641176	32.9
110+06488	7.9	247	4	1.36	3	1.04	3	1.31		0.27	3	0.33		98.69	1.3	99.8	0.2	95.93	4.1	76.2	23.8	1.13	3	1.16		1.3	3	1.74	4	0	35.023529	28.2059
110+06483	6.55	423	3	1.21	3	1.1		1	2	0.56		0.15	2	100	0	100	0	90.81	9.2	100	0	1.13	3	1.06	2	1.75	4	1.17	2	0	49.052941	52.7176
110+09500	7.18	315	3	2.59		1.06	3	1.17		0.24	3	0.25	3	96.46	3.5	95.97	4.03	94.5	5.5	85.2	14.8	1.06	2	1.1	3	1.27	3	1.41	3	0	35.847059	32.5647

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-06490	7.59	281	4	0.59	2	1	2	1.2		0.25	3	0.39		100	0	99.59	0.41	99.85	0.2	83.2	16.8	1.16		1.19		1.28	3	1.66	4	0	28.164706	23.6824
110+09502	6.08	483	3	2.93		1.03	3	1.04	3	0.13	2	0.23	3	98.49	1.5	96.89	3.11	97.48	2.5	95.8	4.24	1.08	2	1.08	2	1.14	2	1.24	3	0	41.170588	40.7765
110+09189	5.61	556	3	4.77		1.02	3	1.05	3	0.15	2	0.16	2	97.05	3	95.3	4.7	97.9	2.1	95.3	4.7	1.08	2	1.06	2	1.14	2	1.16	2	0	55.8	54.3294
110N0845	9.03	57	4	0.02	1	1.33		1.43		0.65		0.77		76.1	24	73.03	27	74.91	25	69.9	30.1	1.25		1.18		1.68	4	1.85	4	0	26.288235	24.5824
110N0650	9.49	9	4	0.06	1	1.66		1.8		1.14		1.96		61.26	39	57.2	42.8	60.15	40	55.5	44.5	1.28		1.28		2.18	4	3.05	4	0	27.541176	25.6706
110P17134	9.17	38	4	0.04	1	1.46		1.58		1.12		1.17		74.58	25	67.76	32.2	68.51	31	63.4	36.6	1.24		1.24		2.31	4	2.31	4	0	33.641176	30.9588
110-17135	8.12	221	4	1.37	3	1.05	3	1.25		0.21	3	0.29	3	100	0	100	0	95.27	4.7	80.1	19.9	1.14		1.17		1.34	4	1.65	4	0	40.952941	35.1882
110-17137	7.22	311	3	1.28	3	1.07		1.16		0.26	3	0.3	3	94.2	5.8	93.28	6.72	93.84	6.2	86.5	13.5	1.06	2	1.13	3	1.27	3	1.41	3	0	35.547059	33.1824
110-17138	7.89	249	4	1.6		1.05	3	1.21		0.21	3	0.32	3	100	0	96.6	3.4	95.07	4.9	82.8	17.2	1.12	3	1.14		1.28	3	1.54	4	0	36.588235	32.3412
110-06483	4.51	731	2	1.55		0.95	1	1.02	2	0.05	1	0.11	2	100	0	100	0	100	0	97.7	2.28	1.06	2	1.11	3	1.07	1	1.2	2	0	52.658824	49.5353
110+06501	6.29	457	3	1.62		1.05	3	1.02	2	0.18	3	0.18	3	100	0	98.64	1.36	95.44	4.6	98.4	1.64	1.07	2	1.09	3	1.25	3	1.19	2	0	47.570588	49.0706
110-06488	8.65	131	4	0.89	3	1.1		1.25		0.35		0.31	3	99.28	0.7	100	0	91.12	8.9	79.8	20.2	1.17		1.15		1.47	4	1.67	4	0	33.7	29.7882
110-09500	6.65	400	3	2.71		1.05	3	1.07	3	0.23	3	0.24	3	96.72	3.3	93.86	6.14	94.91	5.1	93.2	6.81	1.08	2	1.08	2	1.25	3	1.25	3	0	40.317647	39.7588
110-09189	5.3	612	2	5.79		1.01	3	1.06	3	0.1	2	0.16	2	100	0	98.72	1.28	98.59	1.4	94.4	5.56	1.04	1	1.08	2	1.14	2	1.21	2	0	53.788235	51.7588
110P06486	8.64	138	4	0.02	1	1.1		1.28		0.5		0.6		92.26	7.7	84.8	15.2	90.73	9.3	78	22	1.25		1.2		1.52	4	1.74	4	0	33.217647	28.9647
110P06485	9.04	55	4	0.02	1	1.24		1.84		0.92		0.92		81.67	18	71.52	28.5	80.83	19	54.3	45.7	1.33		1.14		1.94	4	2.53	4	0	26.829412	18.1294
110-09502	7.43	296	3	1.39	3	1.1		1.09	3	0.29	3	0.27	3	94.31	5.7	96.23	3.77	91.07	8.9	91.5	8.48	1.1	3	1.1	3	1.34	4	1.34	3	0	31.688235	32
110+17139	8.91	84	4	0.74	3	1.04	3	1.32		0.45		0.6		90.07	9.9	83.3	16.7	96.13	3.9	75.9	24.1	1.16		1.15		1.35	4	1.75	4	0	28.558824	22.6765
110+17137	8.97	66	4	0.63	3	1.1		1.28		0.34		0.39		99.78	0.2	93.53	6.47	90.9	9.1	78	22	1.17		1.2		1.47	4	1.67	4	0	33.470588	29.1706
110+17138	6.58	414	3	1.53		0.97	1	1.12	3	0.16	3	0.24	3	100	0	97.09	2.91	100	0	89.3	10.7	1.12	3	1.13	3	1.18	3	1.35	3	0	37.535294	32.7118
110+17140	7.12	325	3	0.94	3	1.06	3	1.06	3	0.25	3	0.26	3	99.01	1	94.75	5.25	94.38	5.6	94.2	5.76	1.16		1.12	3	1.31	3	1.27	3	0	35.976471	35.9471
110P06496	8.93	78	4	0.02	1	1.44		1.6		0.75		1.05		74.47	26	66.33	33.7	69.24	31	62.5	37.5	1.1	3	1.15		1.88	4	2.17	4	0	19.594118	17.7824
110+08454	6.04	493	3	2.97		1.02	3	1.05	3	0.12	2	0.18	3	100	0	99.52	0.48	98	2	95.4	4.64	1.07	2	1.07	2	1.17	2	1.23	3	0	44.547059	43.4882
110+08456	9.34	18	4	1.98		1.12		1.43		0.36		0.63		95.07	4.9	91	9	89.46	11	69.8	30.2	1.14		1.23		1.44	4	2.12	4	0	32.294118	25.8824
110N0844	9.7	6	4	0.29	2	1.63		1.99		1.45		1.73		63.88	36	60.37	39.6	61.29	39	50.2	49.8	1.17		1.2		2.56	4	3.29	4	0	14.482353	11.9353
110-08443	9.05	54	4	0.3	2	1.22		1.44		0.7		0.59		85.44	15	83.82	16.2	81.97	18	69.7	30.4	1.19		1.23		1.77	4	1.92	4	0	19.052941	16.2588
110+08796	9.06	53	4	1.27	3	1.1		1.34		0.4		0.57		94.26	5.7	92.18	7.82	90.95	9.1	74.6	25.4	1.16		1.2		1.45	4	1.94	4	0	21.205882	17.6176
110+08443	8.69	123	4	0.24	1	1.15		1.42		0.61		1.09		89.66	10	87.06	12.9	87.11	13	70.6	29.4	1.23		1.36		1.66	4	2.58	4	0	20.441176	16.9941
110+08444	9.17	37	4	0.23	1	1.44		1.71		1.05		0.89		71.72	28	72.19	27.8	69.71	30	58.5	41.5	1.23		1.17		2.11	4	2.33	4	0	16.364706	13.8059
110-06481	9.41	13	4	1.56		1.12		1.4		0.38		0.74		93.04	7	85.75	14.3	89.17	11	71.2	28.8	1.17		1.21		1.44	4	2.09	4	0	20.594118	16.7882
110-04793	10.5	1	4	1.58		1.2		1.39		0.95		1.17		88.45	12	80.26	19.7	83.1	17	71.8	28.2	1.36		1.65		2.08	4	2.43	4	1	50.076471	44.0118
110N0479	7.66	272	4	0.12	1	1.07		1.12	3	0.35		0.3	3	96.47	3.5	95.87	4.13	93.52	6.5	89.2	10.8	1.2		1.16		1.4	4	1.4	3	0	52.729412	50.2588
110P04795	7.87	252	4	0.21	1	1.05	3	1.14	3	0.41		0.41		99.6	0.4	96.62	3.38	95.16	4.8	88	12	1.18		1.22		1.48	4	1.55	4	0	56.682353	52.8412
110+04796	6.53	426	3	0.27	2	1.01	3	1.06	3	0.19	3	0.2	3	100	0	100	0	99.11	0.9	94	6.04	1.11	3	1.11	3	1.23	3	1.28	3	0	58.747059	55.9588
110+04791	7.78	261	4	0.02	1	1.08		1.59		0.32		2.87		91.36	8.6	78.08	21.9	92.32	7.7	62.8	37.2	1.05	1	1.81		1.31	3	4.8	4	0	54.276471	41.8529
110+04794	9.75	5	4	1.81		1.06	3	1.22		0.48		0.64		95.65	4.3	91.69	8.31	94.51	5.5	81.8	18.2	1.11	3	1.4		1.5	4	1.84	4	1	54.4	48.2118
110+13899	6.01	505	3	1.53		1	2	1.01	2	0.16	3	0.16	2	100	0	100	0	99.47	0.5	99.1	0.93	1.08	2	1.13	3	1.25	3	1.25	3	0	26.147059	26.1235
110+08030	5.78	532	3	1.49		1.01	3	1.05	3	0.08	1	0.07	1	100	0	100	0	98.63	1.4	94.8	5.19	1.09	3	1.07	2	1.19	3	1.22	3	0	49.288235	47.4706
110+13895	7.56	286	4	1.63		1	2	1.05	3	0.32		0.35		99.67	0.3	96.79	3.21	99.67	0.3	94.8	5.24	1.15		1.11	3	1.32	3	1.38	3	0	30.1	28.8118
110+04900	4.56	716	2	4.47		0.98	1	1.05	3	0.05	1	0.21	3	100	0	96.21	3.79	100	0	95.5	4.46	1.03	1	1.03	1	1.04	1	1.22	3	0	71.611765	67.6588
110+04904	3	990	1	1.78		0.98	1	0.99	1	0.07	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	70.141176	70
110P04837	4.27	769	2	0.21	1	1	2	1	2	0.14	2	0.13	2	100	0	98.55	1.45	100	0	99.7	0.27	1.06	2	1.06	2	1.14	2	1.12	2	0	52.652941	52.3529
110P04838	3.25	940	1	0.14	1	0.96	1	0.98	1	0.09	2	0.12	2	100	0	100	0	100	0	100	0	1.05	1	1.04	1	1.09	2	1.11	2	0	57.811765	56.7
110+04902	4.05	800	2	4.48		1	2	1.03	2	0.05	1	0.13	2	98.68	1.3	97.91	2.09	99.68	0.3	97.3	2.73	1.03	1	1.03	1	1.04	1	1.14	2	0	70.317647	68.7294

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+08029	5.28	614	2	1.89		1.01	3	1.03	2	0.13	2	0.14	2	100	0	98.99	1.01	98.53	1.5	96.9	3.15	1.07	2	1.06	2	1.17	2	1.17	2	0	57.405882	56.4118
110P04836	7.06	341	3	0.02	1	1.11		1.12	3	0.31		0.28	3	90.28	9.7	89.18	10.8	90.34	9.7	89.6	10.4	1.1	3	1.1	3	1.31	3	1.27	3	0	42.423529	42.0824
110-10921	2.5	1119	1	0.57	2	0.97	1	0.98	1	0.05	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.04	1	1.04	1	1.04	1	0	70.688235	70.1765
110+08027	3.75	849	2	7.52		0.98	1	1	2	0.09	2	0.1	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.08	1	1.1	2	0	63.8	62.8412
110-10919	2.75	1067	1	0.82	3	0.98	1	0.98	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.01	1	1.01	1	1.04	1	1.04	1	0	72.058824	71.8412
110-10918	3	990	1	1.63		0.97	1	0.97	1	0.04	1	0.04	1	100	0	100	0	100	0	100	0	1.03	1	1.01	1	1.04	1	1.02	1	0	72.529412	72.5235
110N10918	2.5	1119	1	0.46	2	0.98	1	0.98	1	0.04	1	0.06	1	100	0	100	0	100	0	100	0	1.02	1	1.03	1	1.04	1	1.04	1	0	72.158824	72.2588
110N10919	2.5	1119	1	0.58	2	0.98	1	0.99	1	0.07	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.04	1	1.06	1	1.06	1	0	71.235294	70.6353
110P04848	2.77	1043	1	0.49	2	0.98	1	1.01	2	0.08	1	0.1	1	100	0	98.03	1.97	100	0	99.3	0.71	1.05	1	1.05	1	1.08	1	1.08	1	0	63.864706	62.4529
110P04849	3.54	860	2	0.16	1	0.99	2	1.02	2	0.09	2	0.11	2	100	0	97.14	2.86	100	0	97.7	2.31	1.05	1	1.05	1	1.08	1	1.1	2	0	61.729412	59.6176
110P04846	4.29	763	2	0.33	2	1.01	3	1.01	2	0.14	2	0.14	2	98.78	1.2	98.78	1.22	98.74	1.3	98.8	1.22	1.05	1	1.04	1	1.15	2	1.15	2	0	56.570588	56.4882
110P04844	3.25	940	1	0.29	2	0.98	1	1	2	0.09	2	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.09	2	1.09	1	0	60.688235	59.9941
110P04845	4.02	808	2	0.09	1	1	2	1.01	2	0.13	2	0.11	2	99.67	0.3	98.69	1.31	99.88	0.1	99	1.04	1.06	2	1.05	1	1.13	2	1.11	2	0	59.729412	59.1235
110P04842	6.43	439	3	0.09	1	1.05	3	1.07	3	0.29	3	0.28	3	94.76	5.2	93.43	6.57	95.25	4.8	93.4	6.64	1.1	3	1.09	3	1.28	3	1.28	3	0	54.982353	53.9059
110P04843	4.8	678	2	0.11	1	1.01	3	1.02	2	0.16	3	0.15	2	98.78	1.2	98.05	1.95	99.29	0.7	98	2.02	1.06	2	1.08	2	1.16	2	1.16	2	0	57.364706	56.5529
110P04840	3.76	842	2	0.09	1	0.98	1	1.01	2	0.12	2	0.14	2	100	0	98.94	1.06	100	0	99.2	0.81	1.06	2	1.05	1	1.11	2	1.13	2	0	58.994118	57.2882
110P04841	3.75	847	2	0.03	1	0.98	1	1	2	0.15	2	0.14	2	100	0	99.62	0.38	100	0	99.9	0.13	1.04	1	1.07	2	1.13	2	1.13	2	0	58.717647	57.6882
110-53324	3.25	940	1	1.66		0.96	1	0.98	1	0.06	1	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.06	1	1.12	2	0	40.817647	39.9412
110+15859	3	990	1	2.36		0.97	1	0.97	1	0.04	1	0.04	1	100	0	100	0	100	0	100	0	1.01	1	1.03	1	1.04	1	1.03	1	0	71.676471	71.8647
110N10920	2.5	1119	1	0.59	2	0.98	1	0.98	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.05	1	0	70.958824	70.6824
110+04723	3.51	874	2	0.14	1	1.01	3	0.98	1	0.08	1	0.09	1	99.95	0	100	0	98.98	1	100	0	1.06	2	1.07	2	1.09	2	1.09	1	0	59.364706	60.9647
110+04726	2.25	1156	1	0.23	1	0.98	1	0.98	1	0.08	1	0.08	1	100	0	100	0	100	0	100	0	1.04	1	1.04	1	1.07	1	1.07	1	0	62.382353	62.6588
110+04721	5.49	594	2	0.26	2	1.27		0.99	1	1.49		0.1	1	87.84	12	99.18	0.82	78.95	21	100	0	1.12	3	1.05	1	2.77	4	1.08	1	0	54.429412	64.4882
110+04720	5.44	596	2	1.34	3	1.2		0.98	1	1.26		0.08	1	89.71	10	100	0	83.41	17	100	0	1.06	2	1.05	1	2.44	4	1.06	1	0	57.923529	67.1
110N06469	7.32	305	3	0.34	2	1.02	3	1.14	3	0.29	3	0.27	3	100	0	100	0	98.05	2	88.1	11.9	1.1	3	1.16		1.35	4	1.48	4	0	31.876471	28.8412
110+04719	3.25	940	1	1.74		0.99	2	0.97	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.07	1	1.05	1	0	65.829412	66.8882
110+04956	2.75	1067	1	0.73	3	0.96	1	0.97	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.05	1	1.03	1	0	68.5	68.1294
110+04955	2.25	1156	1	0.13	1	0.97	1	0.98	1	0.06	1	0.05	1	100	0	100	0	100	0	100	0	1.04	1	1.05	1	1.04	1	1.04	1	0	70.011765	69.3235
110+04954	2.5	1119	1	0.26	2	0.98	1	0.99	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.03	1	1.06	1	1.06	1	0	68.288235	67.5882
110+04953	2.75	1067	1	0.73	3	0.98	1	0.98	1	0.05	1	0.04	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.04	1	1.04	1	0	69.152941	68.8118
110+04959	3.77	840	2	0.98	3	1	2	1	2	0.1	2	0.1	1	99.57	0.4	98.73	1.27	99.93	0.1	99.6	0.37	1.03	1	1.05	1	1.09	2	1.09	1	0	66.994118	66.7471
110+04717	3.25	940	1	0.59	2	0.95	1	0.98	1	0.08	1	0.08	1	100	0	100	0	100	0	100	0	1.07	2	1.06	2	1.07	1	1.11	2	0	56.082353	54.8059
110+04958	2.75	1053	1	1.43	3	0.98	1	0.99	1	0.05	1	0.05	1	100	0	99.52	0.48	100	0	100	0	1.03	1	1.01	1	1.04	1	1.04	1	0	71.223529	70.3235
110+04957	3	990	1	2.6		0.98	1	0.98	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.01	1	1.01	1	1.05	1	1.03	1	0	71.417647	71.3471
110N06457	7.43	297	3	0.88	3	1.04	3	1.08	3	0.35		0.28	3	95.6	4.4	92.83	7.17	95.79	4.2	92.1	7.86	1.11	3	1.12	3	1.34	4	1.29	3	0	29.641176	28.6235
110+04952	3	990	1	1.8		0.98	1	0.98	1	0.05	1	0.04	1	100	0	100	0	100	0	100	0	1.03	1	1.01	1	1.05	1	1.03	1	0	70.558824	70.5176
110+04951	2.75	1067	1	0.37	2	0.98	1	1	2	0.06	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.06	1	1.07	1	0	66.917647	65.6647
110+04950	3.03	963	1	0.81	3	0.98	1	1.02	2	0.06	1	0.09	1	100	0	98.01	1.99	100	0	97.7	2.34	1.03	1	1.05	1	1.06	1	1.09	1	0	66.847059	64.0647
110+13852	5.01	659	2	1.88		0.92	1	1.01	2	0.12	2	0.09	1	100	0	100	0	100	0	98.9	1.09	1.09	3	1.1	3	1.1	2	1.19	2	0	34.635294	31.9059
110+13853	7.91	246	4	2.36		1.02	3	1.12	3	0.31		0.3	3	96.3	3.7	94.36	5.64	98.07	1.9	89.2	10.9	1.14		1.16		1.28	3	1.37	3	0	39.129412	35.8588
110+13855	6.52	431	3	0.89	3	0.98	1	1.04	3	0.17	3	0.24	3	100	0	100	0	100	0	96.1	3.93	1.13	3	1.14		1.21	3	1.33	3	0	41.1	38.7824
110+13856	5.55	568	3	1.16	3	1.02	3	1.03	2	0.18	3	0.16	2	98.23	1.8	99.59	0.41	97.57	2.4	96.9	3.12	1.07	2	1.07	2	1.19	3	1.19	2	0	44.147059	43.8412
110+13857	8.34	194	4	0.63	3	1.15		1.17		0.37		0.39		92.43	7.6	87.11	12.9	86.64	13	85.6	14.5	1.12	3	1.12	3	1.46	4	1.41	3	0	38.147059	37.5765
110+18069	9.08	51	4	0.66	3	1.15		1.35		0.46		0.78		85.25	15	76.56	23.4	86.7	13	73.8	26.2	1.12	3	1.14		1.43	4	1.85	4	0	27.282353	23.5176

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+04945	3.31	904	1	0.24	1	0.99	2	1.04	3	0.08	1	0.1	1	100	0	96.26	3.74	100	0	96.3	3.73	1.05	1	1.03	1	1.08	1	1.1	2	0	62.964706	60.6824
110+18074	8.06	231	4	1.09	3	1.04	3	1.09	3	0.28	3	0.38		100	0	100	0	96.15	3.8	91.5	8.54	1.18		1.15		1.37	4	1.52	4	0	38.211765	36.7471
110+04944	5.27	617	2	0.7	3	1	2	1.01	2	0.2	3	0.16	2	100	0	98.35	1.65	99.8	0.2	98.7	1.35	1.07	2	1.07	2	1.2	3	1.15	2	0	58.941176	58.3824
110+18073	6.3	455	3	2.44		1	2	1.08	3	0.16	3	0.18	3	99.56	0.4	98.92	1.08	100	0	92.4	7.62	1.08	2	1.09	3	1.16	2	1.27	3	0	39.352941	36.2824
110+18072	6.53	427	3	2.14		1.01	3	1.06	3	0.17	3	0.14	2	100	0	100	0	98.57	1.4	94.6	5.43	1.1	3	1.08	2	1.2	3	1.23	3	0	42.417647	40.8294
110P0949(	5.57	561	3	0.13	1	1.04	3	1.02	2	0.18	3	0.19	3	97.38	2.6	98.13	1.87	96.25	3.8	97.8	2.22	1.1	3	1.08	2	1.19	3	1.19	2	0	42.423529	43.1235
110+18071	6.1	481	3	2.57		1.02	3	1.08	3	0.16	3	0.17	2	98.92	1.1	95.96	4.04	97.75	2.3	92.3	7.71	1.08	2	1.08	2	1.18	3	1.21	2	0	40.258824	38.1118
110+04949	3.02	968	1	0.72	3	0.98	1	1.01	2	0.06	1	0.09	1	100	0	99.13	0.87	100	0	98.7	1.27	1.03	1	1.03	1	1.06	1	1.09	1	0	67.088235	64.8471
110P09492	6.29	462	3	0.11	1	1	2	1.07	3	0.22	3	0.21	3	100	0	100	0	99.57	0.4	93.2	6.84	1.15		1.12	3	1.27	3	1.33	3	0	29.164706	27.4588
110+04948	3	990	1	1.48		0.97	1	0.99	1	0.04	1	0.08	1	100	0	100	0	100	0	100	0	1.03	1	1.05	1	1.04	1	1.07	1	0	66.323529	64.9176
110P09493	7.87	253	4	0.02	1	1.14		1.18		0.46		0.48		90.64	9.4	86.11	13.9	87.86	12	84.8	15.2	1.06	2	1.12	3	1.5	4	1.5	4	0	25	24.2471
110+18076	6.82	370	3	1.3	3	1.03	3	1.1	3	0.24	3	0.21	3	99.38	0.6	100	0	97.48	2.5	90.6	9.36	1.12	3	1.1	3	1.27	3	1.34	3	0	45.805882	42.7353
110+18075	4	816	2	0.21	1	0.9	1	0.93	1	0	1	0	1	100	0	100	0	100	0	100	0	1.1	3	1.14		1.09	2	1.12	2	0	42.352941	41.2647
110P09495	8.23	205	4	0.05	1	1.1		1.16		0.4		0.41		94.86	5.1	94.22	5.78	90.78	9.2	85.9	14.1	1.13	3	1.15		1.46	4	1.55	4	0	22.541176	21.3824
110-08803	2.5	1119	1	0.25	2	0.98	1	0.97	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.06	1	1.05	1	0	69.376471	69.8
110-08802	2.75	1059	1	1.37	3	0.98	1	0.99	1	0.07	1	0.07	1	100	0	99.73	0.27	100	0	100	0	1.03	1	1.03	1	1.06	1	1.06	1	0	68.964706	68.4588
110-08809	3	990	1	0.34	2	0.98	1	0.99	1	0.1	2	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.09	2	1.07	1	0	66.729412	66.3588
110+18079	7.2	314	3	0.55	2	1.08		1.09	3	0.32		0.32	3	93.51	6.5	94.73	5.27	92.83	7.2	91.5	8.48	1.13	3	1.11	3	1.33	3	1.37	3	0	40.705882	40.1647
110N0648	6.06	486	3	0.03	1	0.97	1	1.13	3	0.25	3	0.31	3	100	0	100	0	100	0	88.8	11.2	1.15		1.08	2	1.26	3	1.54	4	0	22.329412	19.3706
110-08808	4.08	795	2	1.45	3	0.99	2	1.05	3	0.07	1	0.14	2	100	0	94.71	5.29	100	0	95.4	4.6	1.03	1	1.03	1	1.06	1	1.13	2	0	69.870588	66.4588
110+13860	5.78	533	3	2.07		1.01	3	1.05	3	0.11	2	0.13	2	100	0	100	0	99.17	0.8	94.8	5.17	1.1	3	1.07	2	1.16	2	1.2	2	0	33.341176	31.9824
110N0648(	7.14	322	3	0.03	1	1.06	3	1.14	3	0.41		0.23	3	95.56	4.4	100	0	94.14	5.9	87.6	12.4	1.16		1.11	3	1.43	4	1.43	3	0	20.252941	18.9588
110+13861	6.03	496	3	0.83	3	1.01	3	1.03	2	0.23	3	0.22	3	99.94	0.1	99.05	0.95	99.09	0.9	97.1	2.95	1.07	2	1.07	2	1.25	3	1.25	3	0	30.870588	30.2706
110-08806	6.05	487	3	0.42	2	1	2	1.3		0.09	2	2.39		99.71	0.3	81.65	18.4	99.89	0.1	76.7	23.3	1.03	1	1.06	2	1.09	2	3.61	4	0	68.488235	57.3412
110+13862	8.32	197	4	0.58	2	1.1		1.18		0.37		0.39		89.74	10	90.63	9.37	91.21	8.8	84.6	15.4	1.13	3	1.09	3	1.34	4	1.49	4	0	25.752941	24.0412
110+18084	5.79	531	3	0.68	3	1	2	1.01	2	0.23	3	0.21	3	100	0	96.92	3.08	100	0	98.8	1.16	1.11	3	1.08	2	1.22	3	1.19	2	0	40.452941	39.8471
110+18083	4	816	2	1.61		0.86	1	0.91	1	0.03	1	0.01	1	100	0	100	0	100	0	100	0	1.09	3	1.09	3	1.04	1	1.09	1	0	25.305882	23.9706
110P09481	4.26	774	2	0.55	2	0.99	2	1	2	0.11	2	0.14	2	100	0	99.23	0.77	100	0	100	0	1.04	1	1.07	2	1.11	2	1.13	2	0	48.123529	47.7059
110N0647	8.13	219	4	0.48	2	1.04	3	1.16		0.29	3	0.4		100	0	95.46	4.54	96.26	3.7	86.3	13.7	1.17		1.15		1.36	4	1.55	4	0	32.8	29.5941
110P09483	6.41	441	3	0.33	2	1.05	3	1.08	3	0.25	3	0.26	3	95.48	4.5	94.29	5.71	95.34	4.7	92.2	7.78	1.08	2	1.11	3	1.25	3	1.29	3	0	39.329412	38.0824
110P09487	7.68	269	4	0.02	1	1.06	3	1.05	3	0.47		0.49		93.77	6.2	93.31	6.69	94.55	5.5	95.1	4.88	1.14		1.19		1.46	4	1.46	3	0	34.452941	34.7882
110+04768	4.26	771	2	0.43	2	1	2	1.01	2	0.12	2	0.12	2	100	0	99.34	0.66	99.48	0.5	98.9	1.13	1.06	2	1.04	1	1.13	2	1.13	2	0	54.070588	53.6824
110+04766	2.77	1044	1	0.55	2	0.98	1	1	2	0.07	1	0.08	1	100	0	98.34	1.66	100	0	100	0.05	1.05	1	1.05	1	1.08	1	1.06	1	0	64	62.8824
110+04761	3.5	875	2	0.37	2	0.97	1	1	2	0.09	2	0.11	2	100	0	99.51	0.49	100	0	100	0	1.05	1	1.05	1	1.08	1	1.1	2	0	64.723529	62.8471
110+04760	3	990	1	0.62	3	0.97	1	0.98	1	0.09	2	0.1	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	65.041176	63.8941
110+04764	2.75	1067	1	1.13	3	0.98	1	0.98	1	0.08	1	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.07	1	1.07	1	0	65.594118	65.4882
110+04763	2.75	1067	1	0.65	3	0.96	1	0.97	1	0.06	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.05	1	1.05	1	0	65.617647	65.0176
110+04762	3	990	1	0.68	3	0.97	1	0.98	1	0.09	2	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.08	1	1.08	1	0	64.611765	63.7529
110P13930	8.66	129	4	0.01	1	1.18		1.2		0.42		0.54		87.93	12	87.3	12.7	84.6	15	83.5	16.5	1.15		1.15		1.48	4	1.61	4	0	31.405882	30.9118
110P13933	5	660	2	0.02	1	0.88	1	0.91	1	0.16	3	0.24	3	100	0	100	0	100	0	100	0	1.12	3	1.12	3	1.12	2	1.22	3	0	31.917647	31.0059
110+04758	4.25	782	2	0.16	1	0.96	1	0.96	1	0.17	3	0.15	2	100	0	100	0	100	0	100	0	1.09	3	1.07	2	1.16	2	1.13	2	0	56.9	56.7882
110+04756	4.25	780	2	0.43	2	0.98	1	1	2	0.11	2	0.12	2	100	0	100	0	100	0	99.8	0.21	1.07	2	1.07	2	1.12	2	1.14	2	0	46.829412	45.7412
110+04759	3	990	1	0.4	2	0.97	1	0.98	1	0.1	2	0.09	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.1	2	1.08	1	0	63.176471	62.7059
110+04750	3.52	869	2	2.73		1	2	1	2	0.06	1	0.07	1	100	0	98.48	1.52	100	0	99.9	0.13	1.03	1	1.03	1	1.07	1	1.05	1	0	69.752941	69.4529

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P17280	4.25	782	2	0.74	3	0.94	1	0.96	1	0.14	2	0.16	2	100	0	100	0	100	0	100	0	1.08	2	1.08	2	1.12	2	1.12	2	0	51.305882	50.3471
110P17282	4.81	676	2	0.59	2	0.97	1	1.03	2	0.13	2	0.25	3	100	0	95.31	4.69	100	0	97.3	2.7	1.08	2	1.08	2	1.15	2	1.22	3	0	40.388235	38.1588
110+04754	4.26	775	2	0.84	3	0.99	2	0.99	1	0.09	2	0.11	2	100	0	99.25	0.75	100	0	100	0	1.06	2	1.06	2	1.09	2	1.09	1	0	53.047059	52.6941
110+04752	3.75	848	2	1.56		0.99	2	0.98	1	0.09	2	0.09	1	99.91	0.1	100	0	100	0	100	0	1.05	1	1.03	1	1.09	2	1.07	1	0	66.635294	67.4294
110P13924	3.03	964	1	0.09	1	0.98	1	0.99	1	0.07	1	0.14	2	100	0	97.5	2.5	100	0	100	0	1.08	2	1.05	1	1.08	1	1.1	2	0	56.358824	55.5412
110P13925	3.77	839	2	0.45	2	0.99	2	0.99	1	0.1	2	0.13	2	100	0	98.05	1.95	100	0	100	0	1.04	1	1.04	1	1.1	2	1.1	2	0	53.411765	53.2824
110+04747	3	981	1	1.18	3	0.99	2	0.98	1	0.07	1	0.06	1	100	0	99.69	0.31	100	0	100	0	1.05	1	1.03	1	1.06	1	1.03	1	0	67.976471	68.4647
110+04746	3.25	940	1	0.12	1	0.94	1	0.93	1	0.1	2	0.07	1	100	0	100	0	100	0	100	0	1.08	2	1.06	2	1.09	2	1.05	1	0	61.558824	61.6176
110+04748	3.26	934	1	2.9		0.99	2	0.99	1	0.05	1	0.06	1	100	0	99.36	0.64	100	0	100	0	1.04	1	1.03	1	1.06	1	1.05	1	0	69.629412	69.5765
110+06508	9.42	11	4	0.34	2	1.54		1.75		1.01		0.96		77.35	23	69.89	30.1	64.88	35	57.2	42.8	1.35		1.25		2.4	4	2.4	4	0	22.282353	19.6118
110+06509	8.37	188	4	0.67	3	1.09		1.2		0.22	3	0.25	3	100	0	100	0	92	8	83.4	16.6	1.18		1.16		1.46	4	1.52	4	0	31.023529	28.1882
110+14531	4.25	782	2	1.81		0.97	1	0.98	1	0.14	2	0.14	2	100	0	100	0	100	0	100	0	1.07	2	1.05	1	1.13	2	1.13	2	0	44.017647	43.7706
110+14530	3	990	1	0.96	3	0.96	1	0.95	1	0.07	1	0.08	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.09	2	1.05	1	0	65.894118	66.2529
110-04852	4.05	799	2	0.11	1	0.98	1	1.03	2	0.11	2	0.16	2	100	0	96.49	3.51	100	0	96.9	3.09	1.06	2	1.07	2	1.11	2	1.16	2	0	56.664706	54.0824
110+04790	2.5	1119	1	0.58	2	0.96	1	0.99	1	0.04	1	0.05	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.03	1	1.04	1	0	70.341176	68.4765
110-04850	4.61	711	2	0.11	1	0.99	2	1.07	3	0.12	2	0.23	3	100	0	92.86	7.14	100	0	93.3	6.72	1.05	1	1.05	1	1.11	2	1.23	3	0	59.476471	55.4235
110N13851	8.9	87	4	0.03	1	1.29		1.36		0.89		0.64		76.02	24	83.54	16.5	77.52	22	73.5	26.5	1.21		1.18		1.86	4	1.86	4	0	23.047059	21.8471
110N13855	8.36	191	4	0.4	2	1.13		1.22		0.35		0.45		90.69	9.3	88.37	11.6	88.36	12	82	18	1.13	3	1.1	3	1.39	4	1.56	4	0	34.417647	32.1882
110N04900	3.29	908	1	0.54	2	0.98	1	1.02	2	0.05	1	0.12	2	100	0	96.88	3.12	100	0	98.1	1.94	1.03	1	1.03	1	1.04	1	1.11	2	0	71.382353	68.8059
110N04906	2.5	1117	1	0.31	2	0.98	1	0.98	1	0.08	1	0.09	1	100	0	99.72	0.28	100	0	100	0	1.03	1	1.05	1	1.08	1	1.06	1	0	67.105882	67.1471
110N04908	5.67	550	3	0.07	1	1.05	3	1.06	3	0.17	3	0.23	3	94.68	5.3	93.67	6.33	94.81	5.2	94	5.98	1.08	2	1.07	2	1.17	2	1.22	3	0	56.723529	56.3412
110N04907	2.8	1040	1	0.48	2	0.98	1	1.03	2	0.06	1	0.1	1	100	0	96.03	3.97	100	0	97	3.04	1.01	1	1.01	1	1.06	1	1.09	1	0	71.841176	68.7824
110+04785	5.27	621	2	0.2	1	0.99	2	1.03	2	0.16	3	0.23	3	100	0	100	0	100	0	96.8	3.25	1.08	2	1.11	3	1.17	2	1.27	3	0	61.835294	59.3765
110N04904	2.75	1055	1	0.51	2	0.99	2	0.98	1	0.08	1	0.07	1	100	0	99.61	0.39	100	0	100	0	1.03	1	1.04	1	1.08	1	1.05	1	0	69.1	69.0824
110-04841	3	990	1	0.14	1	0.91	1	0.89	1	0.03	1	0.01	1	100	0	100	0	100	0	100	0	1.09	3	1.06	2	1.04	1	1.01	1	0	50.370588	51.4941
110N10790	8.11	222	4	0.22	1	1.13		1.13	3	0.41		0.43		100	0	100	0	88.66	11	88.6	11.4	1.14		1.29		1.62	4	1.62	4	0	17.394118	17.4882
110-04842	8.13	220	4	0.11	1	1.16		1.15		0.41		0.42		87.31	13	87.69	12.3	86.37	14	87.3	12.7	1.11	3	1.14		1.43	4	1.43	3	0	39.558824	39.8706
110-04843	4.78	681	2	0.46	2	1.01	3	0.99	1	0.16	3	0.13	2	98.67	1.3	99.37	0.63	98.6	1.4	100	0	1.06	2	1.07	2	1.16	2	1.11	2	0	54.894118	55.9882
110N10792	5.75	543	3	0.02	1	0.97	1	1.01	2	0.2	3	0.21	3	100	0	100	0	100	0	99	0.97	1.13	3	1.17		1.19	3	1.35	3	0	21.058824	20.1059
110-04844	2.25	1156	1	0.08	1	0.96	1	0.95	1	0.07	1	0.06	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.07	1	1.05	1	0	57.841176	58.4941
110N10791	5.25	627	2	0.16	1	0.9	1	0.92	1	0.07	1	0.39		100	0	100	0	100	0	100	0	1.16		1.22		1.15	2	1.39	3	0	21.9	21.5824
110P13912	8.54	154	4	0.02	1	1.25		1.3		0.61		0.7		85	15	82.44	17.6	80.21	20	77.1	22.9	1.18		1.13	3	1.7	4	1.82	4	0	21.929412	21.1824
110P13913	8.15	217	4	0.11	1	1.2		1.15		0.6		0.44		85.15	15	89.77	10.2	83.51	16	87.3	12.7	1.17		1.08	2	1.63	4	1.48	4	0	25.964706	27.1176
110-04840	4.27	767	2	0.31	2	1.01	3	0.97	1	0.16	3	0.11	2	98.6	1.4	100	0	99.09	0.9	100	0	1.07	2	1.05	1	1.15	2	1.09	1	0	57.247059	58.9765
110-04849	3.85	834	2	0.04	1	0.96	1	1.07	3	0.08	1	0.28	3	100	0	93.16	6.84	100	0	93.6	6.41	1.05	1	1.05	1	1.07	1	1.28	3	0	61.041176	55.9294
110P13910	8.86	95	4	0.21	1	1.26		1.29		0.78		0.65		77.87	22	82.64	17.4	79.27	21	77.8	22.2	1.18		1.25		1.75	4	1.75	4	0	19.5	19.3294
110-04845	4.27	770	2	0.03	1	1.01	3	0.99	1	0.1	2	0.12	2	99.4	0.6	99.55	0.45	99.09	0.9	100	0	1.06	2	1.06	2	1.11	2	1.11	2	0	57.135294	57.8176
110-04846	4.78	679	2	0.55	2	1.01	3	1.01	2	0.13	2	0.13	2	99.34	0.7	98.32	1.68	99.4	0.6	98.5	1.47	1.08	2	1.06	2	1.13	2	1.13	2	0	56.223529	55.6588
110-04847	2.52	1112	1	0.07	1	0.97	1	1	2	0.08	1	0.1	1	100	0	98.53	1.47	100	0	99.6	0.41	1.03	1	1.05	1	1.07	1	1.09	1	0	63.2	60.7706
110-04848	4.04	801	2	0.38	2	0.98	1	1.02	2	0.1	2	0.16	2	100	0	97.69	2.31	100	0	97.5	2.47	1.05	1	1.07	2	1.1	2	1.16	2	0	61.741176	59.2059
110+04777	2.5	1119	1	0.37	2	0.97	1	0.97	1	0.05	1	0.04	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.04	1	1.02	1	0	72.470588	72.8294
110+04776	2.75	1067	1	0.75	3	0.97	1	0.97	1	0.04	1	0.04	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.02	1	1.02	1	0	72.917647	72.7059
110+04775	2.25	1156	1	0.14	1	0.98	1	0.97	1	0.07	1	0.07	1	100	0	100	0	100	0	100	0	1.03	1	1.04	1	1.07	1	1.05	1	0	72.082353	72.6412
110+04774	3	990	1	1.93		0.98	1	0.97	1	0.05	1	0.05	1	100	0	100	0	100	0	100	0	1.04	1	1.01	1	1.05	1	1.04	1	0	71.152941	71.7824

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am - 10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110+04773	3	990	1	5.3		0.97	1	0.97	1	0.06	1	0.04	1	100	0	100	0	100	0	100	0	1.03	1	1.01	1	1.05	1	1.02	1	0	71.5	71.8941
110P13907	5.5	590	2	0.03	1	0.9	1	1	2	0.28	3	0.27	3	100	0	100	0	100	0	99.6	0.39	1.1	3	1.12	3	1.22	3	1.39	3	0	22.994118	20.7647
110P13903	6.42	440	3	0.09	1	1.04	3	1.11	3	0.23	3	0.23	3	95.66	4.3	93.95	6.05	96.2	3.8	90.1	9.87	1.13	3	1.09	3	1.23	3	1.28	3	0	27.117647	25.4235
110P13904	5	660	2	0.24	1	0.88	1	0.9	1	0.14	2	0.12	2	100	0	100	0	100	0	100	0	1.14		1.2		1.09	2	1.22	3	0	23.652941	23.1235
110P13900	8.45	178	4	0.23	1	1.14		1.25		0.5		0.69		88.07	12	82.8	17.2	88.02	12	80.3	19.7	1.15		1.12	3	1.5	4	1.74	4	0	29.158824	26.6706
110-04836	5.84	518	3	0.2	1	1.01	3	1.06	3	0.18	3	0.29	3	97.94	2.1	95.9	4.1	99.16	0.8	94.2	5.8	1.08	2	1.09	3	1.16	2	1.32	3	0	49.641176	47.4294
110+10923	4.54	720	2	2.46		1.02	3	0.99	1	0.12	2	0.12	2	98.66	1.3	97.99	2.01	97.75	2.3	100	0	1.06	2	1.04	1	1.13	2	1.09	1	0	55.288235	56.9529
110+09496	6.78	382	3	1.3	3	1.01	3	1.06	3	0.21	3	0.19	3	100	0	100	0	99.27	0.7	94	5.99	1.09	3	1.1	3	1.24	3	1.31	3	0	23.370588	22.2059
110N09493	7.95	239	4	0.03	1	1.07		1.1	3	0.36		0.33		94.29	5.7	93.4	6.6	93.69	6.3	90.5	9.5	1.17		1.17		1.37	4	1.37	3	0	26.882353	26.0882
110+09498	7.05	342	3	2.6		1.03	3	1.08	3	0.19	3	0.25	3	100	0	99.85	0.15	96.9	3.1	92.4	7.56	1.1	3	1.11	3	1.24	3	1.35	3	0	31.358824	30.0941
110+09497	4.5	741	2	1.26	3	0.97	1	0.99	1	0.14	2	0.15	2	100	0	100	0	100	0	100	0	1.08	2	1.11	3	1.15	2	1.18	2	0	39.076471	38.3647
110N09499	5.27	616	2	0.69	3	1.02	3	1	2	0.14	2	0.13	2	100	0	98.53	1.47	98.31	1.7	99.7	0.27	1.09	3	1.04	1	1.18	3	1.12	2	0	46.370588	46.9294
110N09498	8.21	209	4	0.02	1	1.09		1.09	3	0.46		0.46		93.86	6.1	93.8	6.2	91.91	8.1	91.7	8.28	1.2		1.2		1.49	4	1.49	4	0	25.958824	26.0353
110N09496	4.75	697	2	0.05	1	0.86	1	0.86	1	0.11	2	0.11	2	100	0	100	0	100	0	100	0	1.18		1.18		1.11	2	1.16	2	0	32.370588	32.4529
110-09498	7.07	339	3	1.97		1.01	3	1.05	3	0.19	3	0.22	3	99.41	0.6	96.69	3.31	99.11	0.9	95.6	4.4	1.09	3	1.09	3	1.19	3	1.23	3	0	35.447059	34.3471
110-09496	5.76	539	3	1.06	3	0.98	1	1.03	2	0.19	3	0.24	3	100	0	100	0	100	0	97.2	2.76	1.08	2	1.11	3	1.21	3	1.28	3	0	39.370588	37.6176
110-10922	4.53	726	2	2.34		1	2	1	2	0.11	2	0.12	2	98.98	1	97.92	2.08	99.98	0	99.8	0.17	1.04	1	1.04	1	1.1	2	1.1	2	0	58.217647	58.1176
110-10923	4.76	693	2	1.01	3	1	2	1.02	2	0.1	2	0.12	2	100	0	100	0	99.91	0.1	98.3	1.68	1.06	2	1.06	2	1.11	2	1.14	2	0	51.164706	50.4118
110-10915	6.3	456	3	1.39	3	1.01	3	1.08	3	0.22	3	0.14	2	100	0	100	0	98.54	1.5	92.3	7.75	1.12	3	1.06	2	1.28	3	1.28	3	0	17.688235	16.5941
110-10914	7.6	279	4	1.06	3	0.96	1	1.2		0.38		0.25	3	98.69	1.3	100	0	100	0	83.6	16.4	1.17		1.21		1.3	3	1.62	4	0	20.323529	16.3824
110N10910	8.1	227	4	0.02	1	1.22		1.07	3	0.81		0.53		86.97	13	90.32	9.68	81.71	18	93.7	6.31	1.23		1.15		1.93	4	1.47	3	0	20.741176	23.4588
110N10912	4.75	697	2	0.31	2	0.93	1	0.87	1	0.1	2	0.17	2	100	0	100	0	100	0	100	0	1.12	3	1.12	3	1.27	3	1.18	2	0	17.676471	18.9706
110N10911	5.34	603	2	0.33	2	1.03	3	1.05	3	0.14	2	0.2	3	99.52	0.5	95.66	4.34	97.16	2.8	94.9	5.15	1.05	1	1.09	3	1.17	2	1.21	2	0	38.611765	37.7
110N10913	6.02	498	3	0.46	2	0.97	1	1.05	3	0.12	2	0.2	3	100	0	100	0	100	0	95.6	4.4	1.13	3	1.23		1.23	3	1.46	3	0	16.470588	15.5882
110-10911	5.26	624	2	0.67	3	1.02	3	0.96	1	0.11	2	0.17	2	100	0	99.65	0.35	98.34	1.7	100	0	1.1	3	1.07	2	1.22	3	1.12	2	0	41.923529	44.1176
110-10910	6.01	503	3	0.81	3	1.01	3	0.97	1	0.18	3	0.24	3	100	0	99.27	0.73	99.29	0.7	100	0	1.14		1.08	2	1.25	3	1.19	2	0	24.858824	25.7412
110-10903	5.88	512	3	1.13	3	1.05	3	1.04	3	0.18	3	0.15	2	95.72	4.3	95.91	4.09	95.04	5	96.6	3.45	1.06	2	1.06	2	1.19	3	1.14	2	0	54.194118	55.0588
110-10908	6.87	355	3	1.07	3	1.03	3	1.11	3	0.19	3	0.26	3	98.88	1.1	95.77	4.23	97.06	2.9	90	10	1.08	2	1.14		1.22	3	1.34	3	0	25.935294	24.1647
110-10909	5.81	524	3	3.15		1	2	1.03	2	0.16	3	0.22	3	99.53	0.5	95.79	4.21	99.93	0.1	97.3	2.66	1.07	2	1.11	3	1.15	2	1.2	2	0	30.023529	29.3412
110N17135	4.5	737	2	0.87	3	0.98	1	1.01	2	0.1	2	0.16	2	100	0	100	0	100	0	99.1	0.94	1.08	2	1.06	2	1.12	2	1.17	2	0	51.217647	50.0412
110P09490	5.57	561	3	0.13	1	1.04	3	1.02	2	0.18	3	0.19	3	97.38	2.6	98.13	1.87	96.25	3.8	97.8	2.22	1.1	3	1.08	2	1.19	3	1.19	2	0	42.423529	43.1235
110+10903	4.31	757	2	8.2		1.03	3	1	2	0.12	2	0.09	1	98.14	1.9	98.15	1.85	96.59	3.4	99.5	0.48	1.04	1	1.04	1	1.14	2	1.07	1	0	54.870588	56.4824
110+10902	6.98	348	3	1.04	3	1.11		1.09	3	0.23	3	0.27	3	94.85	5.2	90.93	9.07	90.12	9.9	91.6	8.42	1.07	2	1.09	3	1.29	3	1.26	3	0	45.488235	46.4118
110+10901	4.77	682	2	4.93		1.02	3	1	2	0.1	2	0.09	1	99.24	0.8	99.54	0.46	97.77	2.2	99.9	0.07	1.06	2	1.06	2	1.11	2	1.09	1	0	51.129412	52.1882
110P09499	4.5	738	2	0.58	2	1.01	3	0.98	1	0.14	2	0.13	2	100	0	100	0	99.15	0.8	100	0	1.09	3	1.04	1	1.16	2	1.13	2	0	45.947059	46.8588
110+10909	7.08	337	3	0.86	3	1.08		1.09	3	0.19	3	0.23	3	100	0	99.71	0.29	92.96	7	91.8	8.19	1.09	3	1.09	3	1.33	3	1.33	3	0	23.594118	23.4353
110-06503	3.76	843	2	4.53		1	2	1.01	2	0.07	1	0.1	1	100	0	99.18	0.82	100	0	99.4	0.6	1.04	1	1.04	1	1.08	1	1.1	2	0	52.970588	52.4529
110+10911	5	660	2	0.69	3	0.96	1	0.94	1	0.12	2	0.14	2	100	0	100	0	100	0	100	0	1.11	3	1.11	3	1.2	3	1.15	2	0	28.635294	29.3647
110+10910	7.14	323	3	2.34		1.07		1.08	3	0.23	3	0.22	3	98.41	1.6	94.74	5.26	93.7	6.3	92.9	7.07	1.12	3	1.08	2	1.29	3	1.24	3	0	27.988235	27.8
110N06487	6.35	448	3	0.4	2	1.02	3	1.08	3	0.21	3	0.26	3	99.66	0.3	95.51	4.49	97.75	2.3	92.7	7.28	1.1	3	1.07	2	1.23	3	1.3	3	0	44.523529	42.4765
110N06482	3	990	1	0.04	1	0.98	1	0.99	1	0.11	2	0.1	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.1	2	1.1	2	0	58.217647	57.8059
110+10912	7.15	318	3	0.58	2	1.09		1.03	2	0.35		0.3	3	96.15	3.8	94.83	5.17	91.62	8.4	96.8	3.19	1.13	3	1.12	3	1.42	4	1.28	3	0	35.241176	37.1294
110P10911	6.68	394	3	0.6	3	1.06	3	1.07	3	0.22	3	0.22	3	94.31	5.7	93.55	6.45	94.48	5.5	93.6	6.45	1.1	3	1.07	2	1.22	3	1.22	3	0	32.288235	31.9941
110P10912	5.75	544	3	0.24	1	0.93	1	0.95	1	0.25	3	0.22	3	100	0	100	0	100	0	100	0	1.22		1.22		1.31	3	1.43	3	0	16.964706	16.7471

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P07991	9.13	43	4	0.1	1	1.43		1.73		0.89		0.94		78.71	21	70.02	30	69.79	30	57.7	42.3	1.36		1.29		2.13	4	2.36	4	0	31.988235	26.1118
110+10922	5.05	648	2	2.64		1.03	3	1.01	2	0.13	2	0.12	2	98.4	1.6	98.16	1.84	96.88	3.1	99.5	0.55	1.06	2	1.04	1	1.15	2	1.1	2	0	55.511765	56.9588
110+08448	4.25	782	2	0.89	3	0.9	1	0.88	1	0.06	1	0.01	1	100	0	100	0	100	0	100	0	1.15		1.09	3	1.11	2	1.05	1	0	22.358824	22.7706
110+08449	5.52	579	3	1.08	3	1.03	3	1.01	2	0.16	3	0.13	2	99.9	0.1	100	0	96.78	3.2	99	1.01	1.08	2	1.07	2	1.2	3	1.15	2	0	27.788235	28.4706
110P0845(	8.1	229	4	0.03	1	1.02	3	1.18		0.4		0.36		98.82	1.2	100	0	98.02	2	85.1	14.9	1.21		1.22		1.41	4	1.6	4	0	23.441176	20.5118
110-08454	3.5	882	1	0.13	1	0.96	1	0.98	1	0.09	2	0.13	2	100	0	100	0	100	0	100	0	1.06	2	1.07	2	1.07	1	1.12	2	0	52.758824	51.3765
110P08451	8.54	155	4	0.47	2	1.21		1.27		0.47		0.64		85.93	14	79.44	20.6	83.01	17	78.5	21.5	1.1	3	1.11	3	1.52	4	1.66	4	0	31.547059	30.0529
110-08453	5.27	622	2	2.91		0.99	2	1.03	2	0.12	2	0.13	2	100	0	100	0	100	0	96.8	3.19	1.1	3	1.08	2	1.15	2	1.18	2	0	44.082353	42.4294
110P0845(	3.75	849	2	0.34	2	0.97	1	0.96	1	0.08	1	0.12	2	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.1	2	1.1	2	0	52.917647	53.5471
110-08450	7.09	335	3	0.98	3	1.04	3	1.14	3	0.27	3	0.29	3	99.91	0.1	99.84	0.16	95.73	4.3	87.4	12.6	1.12	3	1.14		1.33	3	1.47	3	0	26.835294	24.5529
110P0845(	4.26	772	2	0.78	3	0.98	1	0.99	1	0.12	2	0.15	2	100	0	98.76	1.24	100	0	100	0	1.06	2	1.06	2	1.12	2	1.12	2	0	49.252941	48.9235
110-08451	7.06	340	3	1.99		1.01	3	1.05	3	0.2	3	0.24	3	100	0	96.51	3.49	99.04	1	95	4.97	1.11	3	1.12	3	1.22	3	1.26	3	0	38.547059	37.1235
110N0649(	8.8	107	4	0.33	2	1.08		1.32		0.34		0.59		97.6	2.4	88.65	11.4	92.24	7.8	75.5	24.5	1.17		1.16		1.42	4	1.87	4	0	32.805882	27.3353
110-08458	5.26	623	2	1.26	3	0.99	2	1.03	2	0.12	2	0.17	2	100	0	100	0	100	0	97.3	2.68	1.1	3	1.06	2	1.14	2	1.22	3	0	51.864706	49.9118
110-08459	3.5	882	1	6.78		0.97	1	1	2	0.09	2	0.09	1	100	0	100	0	100	0	100	0	1.03	1	1.03	1	1.07	1	1.09	1	0	62.952941	61.4647
110+06491	5.25	627	2	1.13	3	0.91	1	0.98	1	0.18	3	0.13	2	100	0	100	0	100	0	100	0	1.13	3	1.11	3	1.1	2	1.24	3	0	32.817647	30.4765
110-08457	4.76	694	2	2.34		0.98	1	1.01	2	0.15	2	0.14	2	100	0	100	0	100	0	98.5	1.46	1.08	2	1.08	2	1.16	2	1.18	2	0	53.388235	51.2882
110N0649(	8.74	115	4	0.04	1	1.28		1.34		0.69		0.69		76.62	23	73.22	26.8	78.07	22	74.6	25.4	1.18		1.11	3	1.66	4	1.66	4	0	24.594118	23.5412
110N0649(	6.37	444	3	0.36	2	1.03	3	1.07	3	0.22	3	0.24	3	97.4	2.6	95.59	4.41	96.59	3.4	93.4	6.62	1.08	2	1.11	3	1.23	3	1.27	3	0	39.158824	37.8765
110P19132	8.1	229	4	0.03	1	1.02	3	1.18		0.4		0.36		98.82	1.2	100	0	98.02	2	85.1	14.9	1.21		1.22		1.41	4	1.6	4	0	23.441176	20.5118
110+06485	6.07	485	3	2.38		0.96	1	1.17		0.13	2	0.21	3	100	0	99.67	0.33	100	0	85.8	14.3	1.08	2	1.1	3	1.12	2	1.4	3	0	40.664706	34.0471
110+06486	7.34	303	3	1.47		1	2	1.22		0.24	3	0.23	3	100	0	100	0	99.81	0.2	81.7	18.3	1.13	3	1.12	3	1.26	3	1.54	4	0	33.794118	28.0176
110+06482	4.77	686	2	7.31		1	2	1.03	2	0.12	2	0.1	1	100	0	99.54	0.46	100	0	97.2	2.83	1.06	2	1.06	2	1.12	2	1.12	2	0	54.164706	52.5294
110-08449	5.5	591	2	1.34	3	0.96	1	0.94	1	0.22	3	0.16	2	100	0	100	0	100	0	100	0	1.17		1.12	3	1.26	3	1.2	2	0	26.182353	26.8294
110+06484	6.35	447	3	1.09	3	1.05	3	1.19		0.15	2	0.17	2	100	0	100	0	95.34	4.7	84.3	15.7	1.09	3	1.07	2	1.27	3	1.41	3	0	34.929412	31.1706
110-08447	8.35	193	4	0.34	2	1.12		1.16		0.39		0.45		90.34	9.7	86.87	13.1	89.27	11	86	14	1.17		1.1	3	1.4	4	1.46	3	0	32.623529	31.6176
110-08448	6.01	506	3	0.83	3	1.01	3	1	2	0.16	3	0.17	2	100	0	100	0	98.97	1	99.7	0.35	1.09	3	1.09	3	1.19	3	1.19	2	0	36.317647	36.6059
110P13838	4	816	2	0.79	3	0.98	1	0.95	1	0.12	2	0.14	2	100	0	100	0	100	0	100	0	1.08	2	1.08	2	1.11	2	1.09	1	0	53.582353	54.8647
110+09503	8.32	196	4	1.43	3	1.13		1.17		0.34		0.45		89.74	10	91.3	8.7	88.32	12	85.7	14.3	1.07	2	1.11	3	1.36	4	1.55	4	0	30.052941	29.4765
110-06491	5.51	584	3	1.7		0.95	1	1.02	2	0.1	2	0.19	3	100	0	100	0	100	0	97.6	2.41	1.06	2	1.1	3	1.12	2	1.25	3	0	34.229412	31.8059
110-06492	6.57	416	3	1.05	3	1.04	3	1.04	3	0.22	3	0.23	3	99.2	0.8	97.3	2.7	96.44	3.6	95.8	4.22	1.09	3	1.06	2	1.25	3	1.25	3	0	36.241176	35.9824
110+09501	6.14	477	3	3		1.06	3	1.05	3	0.18	3	0.19	3	95.42	4.6	95.84	4.16	94.51	5.5	95.3	4.71	1.05	1	1.08	2	1.2	3	1.2	2	0	41.776471	42.2824
110+09188	3.5	876	2	3.52		0.98	1	1.01	2	0.08	1	0.09	1	100	0	100	0	100	0	99.2	0.85	1.04	1	1.04	1	1.08	1	1.1	2	0	57.823529	56.4765
110P0650(	4.5	741	2	0.73	3	1	2	0.96	1	0.11	2	0.14	2	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.12	2	1.1	2	0	53.035294	54.8706
110N0845(	4	816	2	0.71	3	0.96	1	0.98	1	0.1	2	0.13	2	100	0	100	0	100	0	100	0	1.08	2	1.04	1	1.1	2	1.12	2	0	51.170588	50.0412
110N0845(	4	816	2	0.49	2	0.96	1	0.98	1	0.1	2	0.13	2	100	0	100	0	100	0	100	0	1.08	2	1.06	2	1.09	2	1.12	2	0	53.382353	52.4647
110N0845(	7.73	265	4	0.47	2	1.07		1.13	3	0.38		0.34		94.05	6	91.72	8.28	93.55	6.5	88.5	11.5	1.1	3	1.11	3	1.39	4	1.39	3	0	31.117647	29.5706
110-17139	8.73	118	4	1.17	3	1.07		1.16		0.34		0.38		94.77	5.2	92.89	7.11	93.32	6.7	86.4	13.7	1.15		1.12	3	1.36	4	1.49	4	0	29.135294	27.0941
110P17135	4	815	2	0.86	3	0.98	1	0.97	1	0.1	2	0.12	2	100	0	99.92	0.08	100	0	100	0	1.06	2	1.06	2	1.14	2	1.09	1	0	52.452941	52.8824
110P17136	8.9	88	4	0.02	1	1.28		1.53		0.76		0.8		85.58	14	78.19	21.8	77.95	22	65.2	34.8	1.27		1.19		1.93	4	2.16	4	0	29.111765	24.1706
110N0650(	4	816	2	0.79	3	0.98	1	0.95	1	0.12	2	0.14	2	100	0	100	0	100	0	100	0	1.08	2	1.08	2	1.11	2	1.09	1	0	53.582353	54.8647
110-17136	9.01	62	4	0.65	3	1.09		1.2		0.31		0.47		94.49	5.5	92.11	7.89	92	8	83.1	16.9	1.16		1.17		1.34	4	1.62	4	0	35.870588	32.8059
110P17136	8.9	88	4	0.02	1	1.28		1.53		0.76		0.8		85.58	14	78.19	21.8	77.95	22	65.2	34.8	1.27		1.19		1.93	4	2.16	4	0	29.111765	24.1706
110-06484	6.8	375	3	2.11		1.01	3	1.11	3	0.16	3	0.18	3	100	0	100	0	99.06	0.9	90.3	9.74	1.08	2	1.09	3	1.19	3	1.31	3	0	40.076471	36.7353

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110-06486	6.79	380	3	1.46		1	2	1.06	3	0.21	3	0.25	3	100	0	99	1	99.52	0.5	94.1	5.91	1.11	3	1.12	3	1.23	3	1.31	3	0	37.788235	35.8353
110+06502	5.3	610	2	2.16		1.06	3	1.02	2	0.13	2	0.12	2	99.99	0	98.93	1.07	94.59	5.4	97.7	2.31	1.07	2	1.04	1	1.19	3	1.14	2	0	48.547059	50.1176
110-06485	7.59	283	4	1.05	3	1.02	3	1.18		0.17	3	0.26	3	100	0	100	0	97.89	2.1	85	15	1.13	3	1.15		1.27	3	1.49	4	0	33.647059	29.5235
110+06503	6.08	484	3	1.28	3	1.03	3	1.01	2	0.21	3	0.2	3	97.28	2.7	97.55	2.45	96.7	3.3	98.5	1.48	1.1	3	1.07	2	1.22	3	1.18	2	0	43.5	44.3765
110-06482	3.25	940	1	1.08	3	0.98	1	0.99	1	0.08	1	0.07	1	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.09	2	1.11	2	0	57.888235	57.0529
110-06487	7.09	332	3	0.99	3	1.06	3	1.09	3	0.27	3	0.21	3	98.04	2	100	0	94.36	5.6	91.3	8.66	1.14		1.11	3	1.32	3	1.32	3	0	38.8	37.5882
110N13840	6	507	3	0.03	1	0.98	1	0.91	1	0.3		0.14	2	100	0	100	0	100	0	100	0	1.22		1.23		1.43	4	1.34	3	0	20.652941	21.9353
110-06489	9.15	40	4	0.76	3	1.18		1.44		0.42		0.55		93.17	6.8	89.89	10.1	84.76	15	69.4	30.6	1.15		1.18		1.57	4	2	4	0	30.652941	25.4647
110-17134	8.98	64	4	0.22	1	1.28		1.48		0.73		0.92		80.04	20	73.79	26.2	77.87	22	67.8	32.2	1.22		1.21		1.78	4	2.09	4	0	37.458824	33.0824
110P17139	7.97	237	4	0.02	1	1	2	1.19		0.51		0.51		93.9	6.1	92.29	7.71	100	0	84.1	15.9	1.2		1.21		1.42	4	1.66	4	0	29.764706	25.0588
110P17138	8.5	165	4	0.15	1	1.09		1.2		0.48		0.63		94.68	5.3	92.38	7.62	91.96	8	83.3	16.7	1.2		1.3		1.52	4	1.81	4	0	35.158824	31.7294
110+07029	7.57	284	4	0.72	3	1.05	3	1.11	3	0.21	3	0.21	3	100	0	100	0	94.91	5.1	90.4	9.61	1.14		1.14		1.36	4	1.43	3	0	24.447059	23.4471
110-09188	6.4	443	3	4.08		1.05	3	1.07	3	0.18	3	0.19	3	96.7	3.3	94.12	5.88	95.05	5	93.2	6.84	1.06	2	1.06	2	1.2	3	1.2	2	0	54.729412	53.6941
110-09187	5.02	653	2	3.4		1.03	3	1.01	2	0.11	2	0.1	1	99.58	0.4	100	0	97.45	2.6	98.8	1.22	1.06	2	1.06	2	1.14	2	1.11	2	0	55.358824	56.1
110P06487	6.66	399	3	0.5	2	1.03	3	1.11	3	0.24	3	0.31	3	97.59	2.4	92.9	7.1	97.47	2.5	90	10	1.1	3	1.11	3	1.24	3	1.35	3	0	42.211765	39.1765
110P06484	8.23	203	4	0.02	1	1.11		1.29		0.56		0.31	3	93.44	6.6	100	0	90.31	9.7	77.2	22.8	1.29		1.24		1.62	4	1.79	4	0	30.617647	26.2471
110-09501	4.75	696	2	3.21		1	2	1	2	0.12	2	0.12	2	100	0	100	0	99.72	0.3	100	0	1.08	2	1.05	1	1.13	2	1.13	2	0	42.647059	42.9176
110P06482	2.5	1119	1	0.05	1	0.94	1	0.91	1	0	1	0.02	1	100	0	100	0	100	0	100	0	1.08	2	1.05	1	1.03	1	1.03	1	0	55.9	57.6118
110+17135	4.5	741	2	0.21	1	0.96	1	0.98	1	0.11	2	0.11	2	100	0	100	0	100	0	100	0	1.12	3	1.1	3	1.19	3	1.19	2	0	45.647059	44.9
110+17136	9.09	49	4	0.31	2	1.26		1.48		0.76		0.7		86.8	13	81.09	18.9	79.07	21	67.6	32.4	1.29		1.19		1.93	4	2.04	4	0	29.664706	25.1765
110+17134	6.01	504	3	1.75		1.01	3	1.01	2	0.15	2	0.1	1	100	0	100	0	98.72	1.3	99.2	0.81	1.14		1.09	3	1.25	3	1.16	2	0	48.352941	48.5294
110P06498	6	507	3	0.03	1	0.98	1	0.91	1	0.3		0.14	2	100	0	100	0	100	0	100	0	1.22		1.23		1.43	4	1.34	3	0	20.652941	21.9353
110+08460	3.76	846	2	6.56		1.01	3	0.98	1	0.08	1	0.05	1	100	0	100	0	98.96	1	100	0	1.03	1	1.05	1	1.1	2	1.05	1	0	62.176471	63.9941
110P06492	5.56	567	3	0.31	2	1.02	3	1.02	2	0.17	3	0.2	3	99.28	0.7	97.27	2.73	97.89	2.1	98	2.02	1.08	2	1.08	2	1.19	3	1.19	2	0	40.611765	40.7
110P06490	6.63	405	3	0.26	2	1	2	1.12	3	0.26	3	0.27	3	97.33	2.7	95.71	4.29	100	0	88.9	11.1	1.09	3	1.14		1.23	3	1.36	3	0	36.758824	32.8118
110+08458	5.51	587	2	2.27		1.02	3	0.98	1	0.16	3	0.11	2	100	0	100	0	98.15	1.8	100	0	1.06	2	1.06	2	1.18	3	1.11	2	0	52.4	54.2235
110+08459	6.56	419	3	1.22	3	1.04	3	1.06	3	0.16	3	0.2	3	99.86	0.1	98.98	1.02	95.85	4.2	94	6.03	1.08	2	1.1	3	1.21	3	1.27	3	0	52.311765	51.5059
110+08455	3.5	882	1	0.35	2	0.97	1	0.96	1	0.08	1	0.11	2	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.09	2	1.09	1	0	53.935294	54.2353
110+08457	6.82	363	3	4		1.07		1.09	3	0.16	3	0.12	2	100	0	100	0	93.69	6.3	91.6	8.4	1.11	3	1.08	2	1.26	3	1.26	3	0	40.217647	39.3647
110+08450	5.76	540	3	1.18	3	1.02	3	0.95	1	0.18	3	0.12	2	100	0	100	0	98	2	100	0	1.12	3	1.11	3	1.27	3	1.12	2	0	27.523529	29.3882
110+08451	5.54	570	3	0.85	3	0.96	1	1.09	3	0.15	2	0.2	3	100	0	100	0	100	0	91.6	8.42	1.08	2	1.09	3	1.17	2	1.35	3	0	26.764706	23.6647
110+08452	5.25	626	2	1.93		0.98	1	1	2	0.16	3	0.18	3	100	0	100	0	100	0	99.5	0.51	1.08	2	1.08	2	1.17	2	1.2	2	0	39.3	38.3059
110+08453	9.11	44	4	0.64	3	1.1		1.2		0.47		0.63		90.89	9.1	86.14	13.9	90.82	9.2	83.4	16.6	1.14		1.15		1.47	4	1.69	4	0	32.082353	29.6588
110N13838	4.5	741	2	0.73	3	1	2	0.96	1	0.11	2	0.14	2	100	0	100	0	100	0	100	0	1.06	2	1.06	2	1.12	2	1.1	2	0	53.035294	54.8706
110P10914	7.82	259	4	0.26	2	1	2	1.15		0.45		0.26	3	99.49	0.5	100	0	100	0	87.2	12.9	1.14		1.17		1.43	4	1.58	4	0	15.911765	13.8471
110N08796	4	816	2	0.66	3	0.77	1	0.81	1	0	1	0	1	100	0	100	0	100	0	100	0	1.11	3	1.15		1	1	1.09	1	0	29.735294	28.4235
110-08796	3	990	1	0.22	1	0.83	1	0.86	1	0	1	0	1	100	0	100	0	100	0	100	0	1.12	3	1.08	2	1.04	1	1.09	1	0	27.7	26.9588
110P08796	4.75	697	2	0.62	3	0.78	1	0.86	1	0	1	0	1	100	0	100	0	100	0	100	0	1.15		1.16		1.01	1	1.22	3	0	29.776471	27.3941
110-04795	9.06	52	4	0.27	2	1.27		1.42		1.55		1.71		87.74	12	81.61	18.4	78.82	21	70.7	29.4	1.25		1.74		2.83	4	3.13	4	0	49.776471	45.1765
110-04794	8.82	99	4	0.12	1	1.22		1.45		1.21		1.76		88.87	11	78.51	21.5	82.19	18	68.9	31.1	1.24		1.76		2.39	4	3.15	4	0	51.317647	44.4824
110N04793	8.96	70	4	0.4	2	1.19		1.29		0.87		0.81		88.82	11	84.57	15.4	84.13	16	77.5	22.5	1.43		1.4		1.97	4	1.97	4	0	49.476471	45.6882
110N04791	5.07	641	2	0.42	2	1.01	3	1.04	3	0.12	2	0.12	2	98.38	1.6	97.05	2.95	99.24	0.8	95.9	4.06	1.07	2	1.07	2	1.11	2	1.13	2	0	58.705882	56.5706
110+04792	8.49	169	4	0.24	1	1.1		1.56		0.8		1.78		92.25	7.8	81.57	18.4	90.88	9.1	64	36	1.11	3	2.29		1.83	4	3.55	4	0	52.611765	41.1588
110P15782	5.27	619	2	0.45	2	1.02	3	1	2	0.17	3	0.13	2	99.19	0.8	99.97	0.03	97.9	2.1	99.8	0.25	1.06	2	1.06	2	1.18	3	1.13	2	0	0	0

TMC CODE	TOTAL SCORE	RANK	Ranking Quartile	Travel Time Index Overall		Travel Time Index 6am - 10 am		Travel Time Index 4pm - 8pm		Buffer Time Index 6am - 10 am		Buffer Time Index 4pm - 8 pm		Comparative Speed 6am -10am		Comparative Speed 4pm - 8pm		Congestion 6am - 10am		Congestion 4pm - 8pm		Travel Time Reliability 6am - 10 am		Travel Time Reliability 4pm - 8pm		Planning Time Index 6am - 10am		Planning Time Index 4pm - 8pm		RANK (bottleneck)	Average Speed for TMC Segment averaged over a year in the morning shown in MPH	Average Speed for TMC Segment averaged over a year
110P15770	5.56	565	3	0.44	2	1.02	3	1.02	2	0.2	3	0.14	2	98.23	1.8	98.07	1.93	97.89	2.1	97.8	2.25	1.09	3	1.06	2	1.2	3	1.15	2	0	0	0
110P15768	8.22	206	4	0.25	2	1.06	3	1.16		0.33		0.63		95.95	4.1	91.72	8.28	94.25	5.8	86.1	13.9	1.11	3	1.17		1.36	4	1.73	4	0	0	0
110P15776	6.15	475	3	0.3	2	1.07		1.05	3	0.18	3	0.18	3	94.61	5.4	96.2	3.8	93.16	6.8	95	5.04	1.08	2	1.08	2	1.2	3	1.2	2	0	0	0
110P15766	6.66	398	3	0.2	1	1.04	3	1.11	3	0.26	3	0.39		96.89	3.1	94.22	5.78	95.99	4	89.7	10.3	1.09	3	1.12	3	1.27	3	1.46	3	0	0	0
110P15772	4.77	683	2	0.49	2	1.01	3	1.04	3	0.12	2	0.09	1	99.7	0.3	100	0	99.43	0.6	96.5	3.54	1.06	2	1.06	2	1.12	2	1.15	2	0	0	0
110P15582	8.41	182	4	0.61	3	1.11		1.44		0.32		1.76		90.17	9.8	89.3	10.7	90.03	10	69.6	30.4	1.08	2	1.31		1.33	3	3.54	4	0	0	0
110P15722	4.54	724	2	0.26	2	0.99	2	1.03	2	0.13	2	0.17	2	100	0	97.94	2.06	100	0	96.8	3.18	1.06	2	1.08	2	1.13	2	1.18	2	0	0	0
110P15750	5.83	521	3	0.47	2	1.01	3	1.07	3	0.2	3	0.16	2	99.38	0.6	96.37	3.63	98.92	1.1	93.1	6.87	1.1	3	1.06	2	1.2	3	1.2	2	0	0	0
110P15774	6.05	490	3	0.24	1	1.04	3	1.05	3	0.19	3	0.16	2	99.29	0.7	100	0	96.51	3.5	95.5	4.54	1.09	3	1.09	3	1.23	3	1.23	3	0	0	0
110P15764	6.44	438	3	0.28	2	1.06	3	1.09	3	0.27	3	0.23	3	94.22	5.8	94.18	5.82	94.65	5.3	91.5	8.47	1.1	3	1.08	2	1.26	3	1.26	3	0	0	0
110+13841	6.75	390	3	0.62	3	1.01	3	1	2	0.28	3	0.16	2	100	0	100	0	99.21	0.8	100	0	1.15		1.15		1.32	3	1.27	3	0	30.158824	30.4529
110-13840	6.28	464	3	0.77	3	0.99	2	1.06	3	0.15	2	0.13	2	100	0	100	0	100	0	94.1	5.95	1.15		1.12	3	1.32	3	1.38	3	0	29.123529	27.4294
110-13840	6.28	464	3	0.77	3	0.99	2	1.06	3	0.15	2	0.13	2	100	0	100	0	100	0	94.1	5.95	1.15		1.12	3	1.32	3	1.38	3	0	29.123529	27.4294
110P08453	8.68	124	4	0	1	1.15		1.21		0.68		0.63		87.2	13	85.09	14.9	87.14	13	82.4	17.6	1.25		1.23		1.69	4	1.69	4	0	30.758824	29.0706
110-04837	4	813	2	0.26	2	0.98	1	0.99	1	0.11	2	0.16	2	100	0	99.75	0.25	100	0	100	0	1.07	2	1.07	2	1.11	2	1.15	2	0	58.647059	58.0353
110-04794	8.82	99	4	0.12	1	1.22		1.45		1.21		1.76		88.87	11	78.51	21.5	82.19	18	68.9	31.1	1.24		1.76		2.39	4	3.15	4	0	51.317647	44.4824
110N13841	6	507	3	0.72	3	0.9	1	0.95	1	0.14	2	0.2	3	100	0	100	0	100	0	100	0	1.15		1.16		1.18	3	1.26	3	0	37.894118	35.9706
	3.8	837	2	0	1	0.98	1	1.03	2	0.1	2	0.13	2	100	0	96.36	3.64	100	0	96.9	3.13	1.03	1	1.07	2	1.09	2	1.13	2	0	0	0
	3	990	1	0	1	0.97	1	0.97	1	0.12	2	0.11	2	100	0	100	0	100	0	100	0	1.05	1	1.05	1	1.1	2	1.08	1	0	0	0
	4.51	729	2	0	1	1.01	3	0.96	1	0.2	3	0.11	2	98.94	1.1	100	0	99.43	0.6	100	0	1.09	3	1.05	1	1.2	3	1.09	1	0	0	0
	5.25	627	2	0	1	0	1	0	1	0	1	0	1	0	100	0	100	0	100	0	100	0	1	0	1	0	1	0	1	0	0	0
110-04811	3	990	1	2.33		0.96	1	0.96	1	0.03	1	0.04	1	100	0	100	0	100	0	100	0	1.04	1	1.03	1	1.01	1	1.01	1	0	68.741176	68.4824
110+04812	3.29	910	1	2.23		0.97	1	1.02	2	0.05	1	0.08	1	100	0	97.12	2.88	100	0	98.1	1.89	1.03	1	1.05	1	1.04	1	1.07	1	0	67.176471	64.2353
110P04772	3.5	880	1	0.61	3	1	2	0.99	1	0.09	2	0.07	1	100	0	100	0	99.96	0	100	0	1.05	1	1.04	1	1.09	2	1.06	1	0	70.064706	71.0294
TOTAL				1163		1215		1276		294.6		355.7		112862	3938	111281	5519	111497	5303	1E+05	9280	1280.83		1289.97		1495	2862	1611	2891	10	53708.92941	52097.5
Count				1168		1168		1168		1168		1168		1168	1168	1168	1168	1168	1168	1168	1168	1168		1168		1168	1168	1168	1168	##	1168	1168