Plano Tomorrow Comprehensive Plan
Policies and Action Statements Relating to Transportation
Preliminary Approval by P&Z on September 8, 2020
Changes will be forwarded to CPRC for consideration

Bundle 1 – Roadway Systems

Context, Policies, and Actions
Changes Tracked from Original Ordinance

Bundle 1

The Built Environment - Roadway System

<u>**WEBSITE CONTEXT**</u> - Plano's street system is determined by the Thoroughfare Plan, a component of the Plano Tomorrow Plan. There are many users of the city's roadway system, including vehicles, public transit, bicycles, and pedestrians, all competing for the same space.

Multimodal roadways, common throughout the US, are designed to provide space to accommodate bicyclists and mass transit while improving pedestrian safety through increased distance from vehicular traffic. To prepare for future traffic demands, Plano will develop a multimodal transportation system to improve safety and efficiency of the roadways for all users. Future multimodal accommodations should be strategic and meet the needs and priorities of Plano residents, businesses, and institutions.

Increasingly, technological innovations are being utilized to mitigate traffic congestion. Intelligent Transportation Systems (ITS) monitor traffic flow and provide real-time information to drivers of possible delays and alternative routes. Innovative projects such as smartphone traffic apps, solar panel roadways and trails, and automated vehicles are changing traffic conditions and will likely affect future mobility.

<u>**POLICY**</u> - Plano will develop an integrated, multimodal transportation system, through the utilization of technology and innovative concepts that improves the safety and efficiency of the roadway system for all users.

RS1) Develop a transportation plan ~~for Plano~~ that addresses all modes of travel, while acknowledging vehicular traffic is expected to continue to be the primary mode of travel for residents and the workforce of Plano.

RS2) ~~Create an~~ Continue to improve upon Plano's Intelligent Transportation System for ~~Plano's~~ the roadway network, through efforts such as smart traffic signals and data collection systems.

RS3) Improve intersections of ~~all~~ bicycle trails, pedestrian pathways, and streets where necessary for increased visibility, safety, and comfort.

RS4) Review and update roadway standards to efficiently and safely accommodate all modes of transportation.

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RS5) Develop criteria to assess the costs and effectiveness of pilot transportation projects.

RS6) Identify and improve locations within the city's transportation infrastructure to meet or exceed Americans with Disability Act (ADA) standards.

RS7) Coordinate with neighboring communities to explore mutually beneficial regional transportation approaches that improve traffic flow within and between jurisdictions.

RS8) Review and update the Traffic Impact Assessment (TIA) threshold and standards for to better evaluate the impacts of new and redevelopment projects on existing neighborhoods, the surrounding community, and the roadway system.

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Context, Policies, and Actions
Changes Tracked from CPRC Preliminary Approval 7/7/2020

Bundle 1

The Built Environment - Roadway System

WEBSITE CONTEXT - Plano's street system is determined by the Thoroughfare Plan, a component of the Plano Tomorrow Plan. There are many users of the city's roadway system, including vehicles, public transit, bicycles, and pedestrians, all competing for the same space. ~~Vehicles will likely remain the primary means of transportation; however additional opportunities should be provided for other modes of transportation to create a safe and efficient system for all users.~~

Multimodal roadways, common throughout the US, are designed to provide space to accommodate bicyclists and mass transit while improving pedestrian safety through increased distance from vehicular traffic. To prepare for future traffic demands, Plano will develop a multimodal transportation system to improve safety and efficiency of the roadways for all users. Future multimodal accommodations should be strategic and meet the needs and priorities of Plano residents, businesses, and institutions.

Increasingly, technological innovations are being utilized to mitigate traffic congestion. Intelligent Transportation Systems (ITS) monitor traffic flow and provide real-time information to drivers of possible delays and alternative routes. Innovative projects such as smartphone traffic apps, solar panel roadways and trails, and automated vehicles are changing traffic conditions and will likely affect future mobility.

POLICY - Plano will develop a<u>n integrated, multimodal transportation</u> ~~safe and efficient roadway~~ system<u>, through the utilization of technology and innovative concepts that improves the safety and efficiency of the roadway system for all users</u>.

RS1) Develop a transportation plan that addresses all modes of travel, while acknowledging vehicular traffic is expected to continue to be the primary mode of travel for residents and the workforce of Plano.

RS2) Continue to improve upon Plano's Intelligent Transportation System for the roadway network, through efforts such as smart traffic signals and data collection systems.

RS3) Improve intersections of bicycle trails, pedestrian pathways, and streets where necessary for increased visibility, safety, and comfort.

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RS4) Review and update roadway standards to efficiently and safely accommodate all modes of transportation.

RS5) Develop criteria to assess the costs and effectiveness of pilot transportation projects.

RS6) Identify and improve locations within the city's transportation infrastructure to meet or exceed Americans with Disability Act (ADA) standards.

RS7) Coordinate with neighboring communities to explore mutually beneficial regional transportation approaches that improve traffic flow within and between jurisdictions.

RS8) Review and update the Traffic Impact Assessment (TIA) threshold and standards to better evaluate the impacts of new and redevelopment projects on existing neighborhoods, the surrounding community, and the roadway system.

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