

WILSONVILLE PERFORMANCE REPORT UPDATE

PLANNING COMMISSION WORK SESSION

SCOTT MANSUR

FEBRUARY 10, 2021

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AGENDA

- What is the purpose of the Performance Report?
- Current Wilsonville Statistics
- Transportation Performance Goal Update
- Next Steps

WILSONVILLE TRANSPORTATION SYSTEM PERFORMANCE REPORT

NOVEMBER 2020

UPDATE FOR 2016 - 2019 DATA*



DKS



*SOME DATA IS ONLY UPDATED THROUGH 2018

PURPOSE OF PERFORMANCE REPORT

- *To help the City monitor its planning and engineering efforts and determining if they are leading to desired outcomes*
- *To quantify the incremental progress that is made towards the City's seven transportation goals on a bi-yearly basis*
- *To help characterize and evaluate the impact of private developments on the City transportation system*
- *To provide a way to track the impacts of regional growth on Wilsonville streets*

WILSONVILLE STATISTICS

Compared to
Washington County: 1.7%
Clackamas County: 1.2%

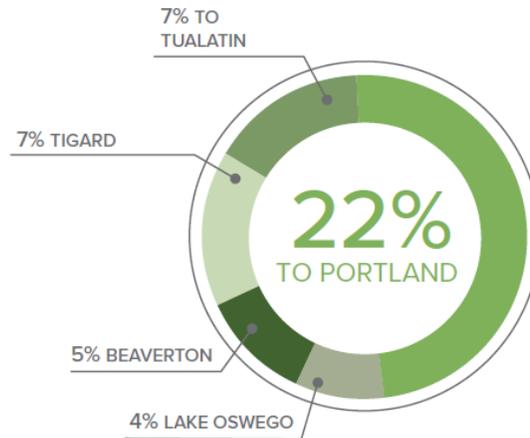
2.8% AVERAGE POPULATION GROWTH
PER YEAR (2004–2019)

WILSONVILLE
POPULATION

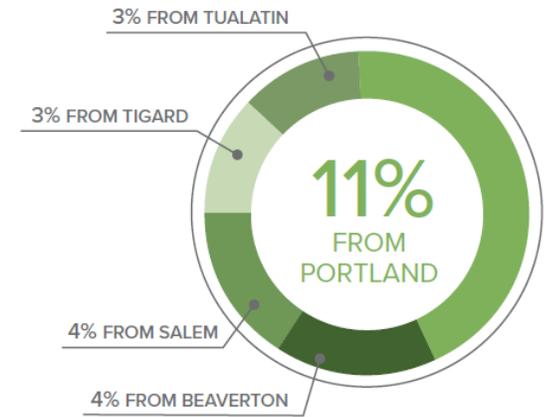
2004	16,944
2010	19,540
2019	25,635

COMMUTE PATTERNS

Percent of working residents
who commute out of
Wilsonville **85%**
8,871 OUT OF 10,463



Percent of workers in
Wilsonville who commute into
Wilsonville **92%**
18,548 OUT OF 20,139



Data from US Census Bureau (2017)

TRANSPORTATION PERFORMANCE GOALS

TSP Goal	Measure
1. Safe	Fatal and Serious Injury Collisions
2. Connected and Accessible	Multimodal Connectivity
3. Functional and Reliable	Intersection PM Peak Hour Delay
	Travel Time Reliability
	Freight Travel Time Reliability
4. Cost Effective	Pavement Condition
5. Compatible	Cross-Section Compliance
6. Robust	Transportation Mode Share
7. Promotes Livability	Positive Citizen Survey Response
	Health Conditions/Healthy Lifestyles

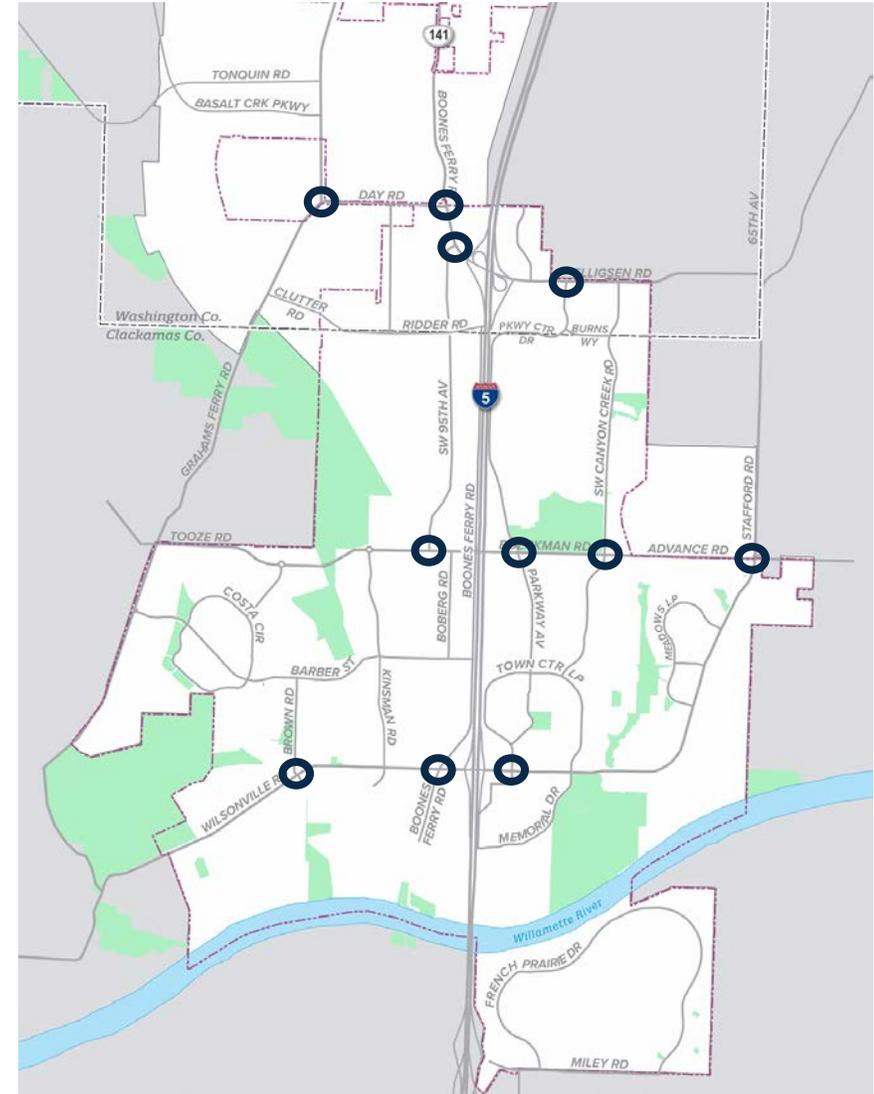
GOAL 3: FUNCTIONAL & RELIABLE

Objective: Maintain acceptable levels of traffic delay (LOS D or better) at key intersections during the PM peak hour.

- All 11 key intersections meet the City's standard of LOS D.
- Recent arterial and collector street extensions have attributed to improved local connectivity and additional trip options.
- Increased housing options within Wilsonville has reduced demand for I-5 trips.

Recommended Actions

- Continue to upgrade traffic signal controllers to improve efficiency.
- Work with Clackamas County to evaluate busier corridors that might benefit from optimized signal timing and/or coordination.



GOAL 3: FUNCTIONAL & RELIABLE

Objective: Maintain motor vehicle and freight travel times on key arterials within a consistent and acceptable range.

- Travel times were evaluated on key arterials within the City using regional traffic data sources.
- Currently, Clackamas County and ODOT are developing a Freight Intelligent Transportation System Plan that will identify improvements that may improve freight movement in Wilsonville.

Recommended Actions (Motor Vehicle and Freight)

- Identify acceptable travel times and travel speeds for key arterials in the City.
- Coordinate with regional partners to share performance data to expand evaluation efforts to local and regional roadways
- Coordinate with Clackamas County to implement recommendations from the Freight ITS Plan.



GOAL 4: COST EFFECTIVE

Objective: Maintain good pavement conditions that help reduce more costly expenses in the future.

Based on data and PCI reports, the average PCI score for local, collector, and arterial streets within the City have been in “Fair” condition since 2000.

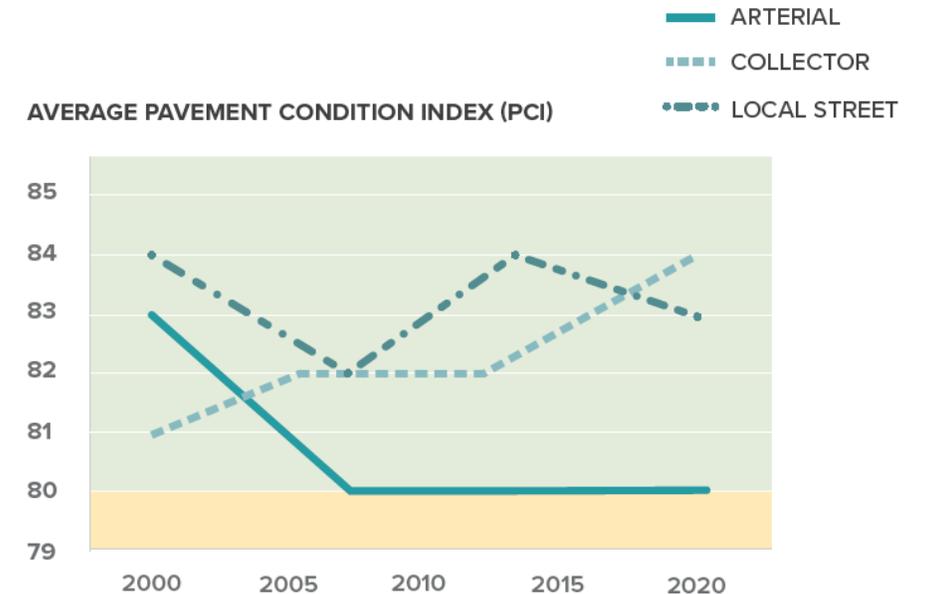
Recommended Actions

- Create an action plan for the public’s high priority roadways that target areas of concern.
- Partner with private developments to help fund full street pavement repairs as part of development construction.

PAVEMENT CONDITION INDEX (PCI)



AVERAGE PAVEMENT CONDITION INDEX (PCI)



GOAL 5: CROSS SECTION COMPLIANCE

Objective: Ensure Wilsonville’s multimodal transportation corridors include adequately designed facilities to serve all intended users.

- Streets that were upgraded between 2016 – 2020:
 - Tooze Road Upgrade (Minor Arterial)
 - Grahams Ferry Road Upgrade (Minor Arterial)
 - Kinsman Road extension (Collector)
- Streets that require urban upgrades:
 - Boeckman Road (Major and Minor Arterial)
 - Parkway Avenue (Minor Arterial)
 - Brown Road (Collector)
 - Garden Acres Road (Minor Arterial)*
*Currently under construction



Recommended Actions

- Continue to implement the City’s TSP Urban Upgrades (UU) projects that bring streets up to City cross section standards.

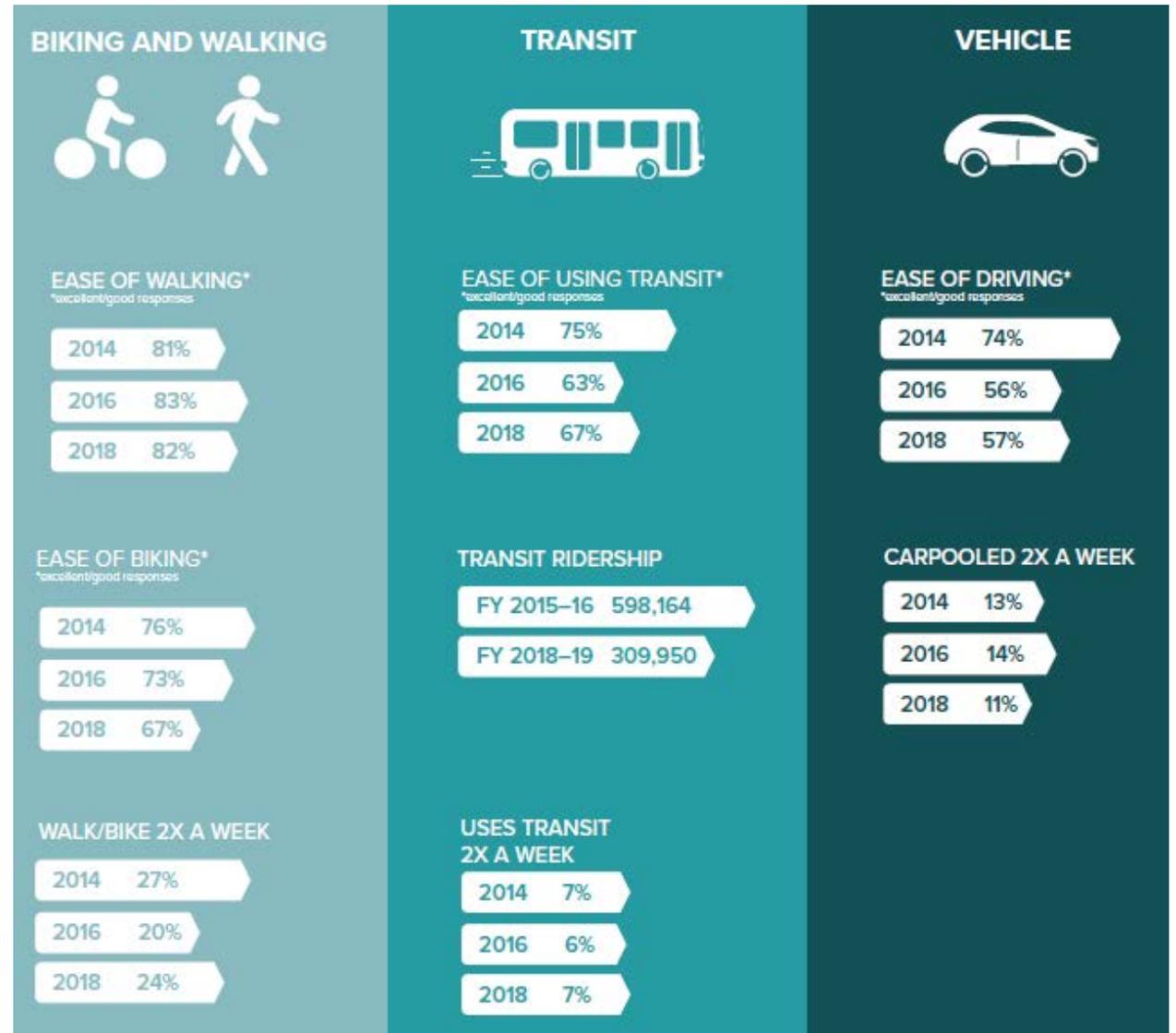
GOAL 6: TRANSPORTATION MODE SHARE

Objective: Accommodate transportation choices for drivers, pedestrians, bicyclists, and transit riders.

Overall citizens feel the ease of walking, biking, and using transit is positive (near or above 70% Excellent or Good rating).

Recommended Actions

- Support SMART in exploring/improving data collection that more fully assess transportation mode share in Wilsonville
- Explore installing bicycle detection during signal upgrades to enhance safety and bikeability throughout the City
- Continue to build multimodal, transit, and new street projects that fill in gaps in connectivity.



GOAL 7: POSITIVE CITIZEN SURVEY RESPONSE

Objective: Maintain positive citizen satisfaction with the City's transportation facilities and services. Provide transportation facilities that support improved health of residents.

Overall citizens feel the overall built environment and health and wellness is positive.

Recommended Actions

- Use responses to guide funding decisions and program identification for projects that matter to citizens
- Implement social media and news campaigns to promote active transportation and improve citizen awareness of walking and biking infrastructure

PERCEPTION OF CONDITIONS



OVERALL BUILT ENVIRONMENT*
*excellent/good responses



HEALTH AND WELLNESS



FITNESS OPPORTUNITIES*

(INCLUDING EXERCISE CLASSES AND PATHS OR TRAILS, ETC)

*excellent/good responses



GENERAL PERCEPTION OF PERSONAL HEALTH

*excellent/very good responses



NEXT STEP

Upcoming: City Council Meeting on March 10

QUESTIONS?

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THANK YOU

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