

TSP AMENDMENT MEMORANDUM – SUMMARY OF CHANGES

DATE: February 28, 2023

TO: Dan Pauly, AICP | City of Wilsonville

FROM: Jenna Bogert, PE | DKS Associates
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SUBJECT: Wilsonville Transportation System Plan (TSP) Amendment
Frog Pond East & South Summary of Changes

P21123-015

INTRODUCTION

The Frog Pond East and South Master Plan was formally adopted by the City of Wilsonville on December 19, 2022. This memorandum discusses necessary amendments to the City of Wilsonville's Transportation System Plan (TSP) based on transportation projects and new roadway cross-sections identified in the Frog Pond East and South Master Plan. The list of all TSP project changes can be found in the *Table 5-3: Higher Priority Projects (Northeast Quadrant)* discussion.

AMENDMENT ASSUMPTIONS AND METHODOLOGY

Two primary guidelines for amendment of the TSP were established to best synthesize the changes to the TSP without disrupting the existing flow and information presented in the document.

1. Based on the primary desire of this amendment being the inclusion of the new or modified Higher Priority Projects and street cross-sections identified in the Frog Pond East and South Master Plan, it was determined that only the Table of Contents, Executive Summary, Chapter 3, and Chapter 5 within the Wilsonville TSP would be amended. All other Chapters will not be modified as per this amendment. In addition, no updates related to the completion of any project currently listed in the TSP will be included.
2. As the Frog Pond East and South Master Plan includes the expansion of City infrastructure into the recently expanded UGB and is surrounded by recent development from the Frog Pond West neighborhood (with expanded City Limits), the base files utilized in the TSP include historical boundary and street network data that is not representative of conditions today. Therefore, updated street network, City Limit, and UGB linework will be created for the applicable figures within the Frog Pond Area. No street network or boundary data will be updated outside of this area.

PROPOSED AMENDMENTS FOR TSP COMPLIANCE

The discussion of the recommended revisions is organized by reference to the applicable chapter(s) of the TSP. In all chapters, revisions to existing TSP language are presented with deletions shown in ~~striketrough~~ and additions shown as underlined. The revised TSP figures and associated text will be attached to a future version of this memorandum. The revisions identified in this memorandum will also be addressed in a final amended TSP document once the revisions are approved by the Planning Commission and City Council.

TABLE OF CONTENTS

The Table of Contents will be updated to reflect new or modified figure numbers and page numbers as a result of the amended figures and text.

EXECUTIVE SUMMARY

The following changes are recommended to the Executive Summary of the City of Wilsonville's TSP.

PROJECT COST (PAGE iii) & HIGHER PRIORITY PROJECT COSTS FIGURE (PAGE vi)

Change the associated text (Page iii):

- "Constructing all identified transportation projects would cost approximately \$263.6 million, which exceeds the \$123.4 million forecasted to be available through 2035."

Change the Higher Priority Project Costs figure (Page vi):

- See the value changes to this figure in Table 5-1: *Higher Priority Project Costs* (Page 5-4) below.

HIGHER PRIORITY PROJECTS FIGURE (PAGE iv)

See the recommended changes to this figure in *Figure 5-2: Higher Priority Projects* (Page 5-5) below.

HIGHER PRIORITY PROJECTS TABLE (PAGE v)

Add or modify the following projects to this table:

- RE-12C: Frog Pond East Neighborhood Collector Roads
- RE-17: Frog Pond Brisband Main Street Extension
- SI-12: Stafford Road/Kahle Road Roundabout
- SI-13: Stafford Road/Brisband Street Roundabout
- SI-14: Advance Road/60th Avenue Roundabout
- BW-21: Advance Road Enhanced Mid-block Pedestrian Crossing

- BW-22: Advance Road Rectangular Rapid Flashing Beacon (RRFB)
- SR-05: Meridian Creek Middle School Safe Routes to School Improvements
- RT-07: ~~Revised~~ Frog Pond Regional Trail

CHAPTER 1: THE CONTEXT

- Added a milestone to the timeline on Page 1-6 of the previous TSP Amendments based on area plans.

FIGURE 1-1: 2035 GROWTH AREAS (PAGE 1-7)

- Modified the "Frog Pond" text box to include "West, East, and South"

CHAPTER 3: THE STANDARDS

The following changes are recommended to Chapter 3 of the City of Wilsonville's TSP.

FIGURE 3-1: ROADWAY JURISDICTION (PAGE 3-3)

Summary of changes:

- Modify the City Limits and UGB boundary lines near the Frog Pond Area, which includes extending City Limits around parts of the West neighborhood and extending the UGB Limits around the South and East neighborhoods.
- Modify Frog Pond Lane, 60th Avenue, and Stafford Road to green City streets within the new City limits.
- Added Hazel Street, Sherman Drive, Willow Creek Drive, Brisband Street, and 63rd Avenue as green City streets.

FIGURE 3-2: FUNCTIONAL CLASS DESIGNATIONS (PAGE 3-5)

Summary of changes:

- Modify the City Limits and UGB boundary lines in the Frog Pond area per the notes in *Figure 3-1: Roadway Jurisdiction* (Page 3-3).
- Modify the Legend:
 - Future Town Center Main Street
 - Future Frog Pond Main Street [add a new line type]
- Add Brisband Steet as a Future Frog Pond Main Street [new line type] east of Stafford Road.

- Modify sections of Willow Creek Drive and 63rd Avenue to blue solid line (Collector) streets.
- Add 60th Avenue (north of Advance Road) as a blue dashed line (future Collector) street.
- Extend the blue solid linework (Collector) on Advance Road to City Limits to the east and on 60th Avenue to City Limits to the south.
- Add Sherman Drive and Brisband Street (west of Stafford Road) as grey streets.

FIGURE 3-4: FREIGHT ROUTES (PAGE 3-9)

Summary of changes:

- Modify the City Limits and UGB boundary lines in the Frog Pond area per the notes in *Figure 3-1: Roadway Jurisdiction* (Page 3-3).
- Add the following streets: Sherman Drive, Willow Creek Drive, Brisband Street, 63rd Avenue.

FIGURE 3-5: BICYCLE ROUTES (PAGE 3-11)

Summary of changes:

- Modify the City Limits and UGB boundary lines in the Frog Pond area per the notes in *Figure 3-1: Roadway Jurisdiction* (Page 3-3).
- Add Willow Creek Drive and 63rd Avenue as blue solid line (bike lane) streets.
- Add 60th Avenue (north of Advance Road) as a blue dashed line (future bike lane) street.
- Extend the blue highlights (future bike lane upgrade) on Advance Road to City Limits to the east and on 60th Avenue to City Limits to the south.
- Add Sherman Drive and Brisband Street as black streets.

FACILITY TYPES [TEXTBOX] (PAGE 3-12)

Summary of changes:

- Modify: Town Center Area-Plan
- Add: Frog Pond East and South Master Plan

[NEW] FIGURE 3-14: FROG POND EAST AND SOUTH MASTER PLAN CROSS-SECTIONS (INSERT THREE NEW PAGES AFTER PAGE 3-21)

Summary of changes:

- Add Textbox: The Frog Pond East and South Master Plan (2022) includes some unique cross section standards for some of the new roadway extensions and upgrades to existing

roadways. These cross sections include wider sidewalks and bicycle facilities to accommodate safer and increased multimodal access and connectivity within the Frog Pond East and South Neighborhoods. For any developments within or fronting these neighborhoods, please reference the Frog Pond East and South Master Plan for cross sections details.

- Stafford Road Urban Upgrade (UU-06)
- Advance Road Urban Upgrade (UU-10)
- Brisband Main Street (RE-17)
- Local Street (South of Meridian Creek Middle School)
- 60th Avenue Collector (North of Advance Road) (RE-12C)
- 60th Avenue Collector (South of Advance Road) (RE-12B)

[PREVIOUSLY FIGURE 3-14] FIGURE 3-15: ACCESS MANAGEMENT INTEREST AREAS (PAGE 3-23)

Summary of changes:

- Rename the figure from Figure 3-14 to Figure 3-15.
- Modify the City Limits and UGB boundary lines in the Frog Pond area per the notes in *Figure 3-1: Roadway Jurisdiction* (Page 3-3).
- Add the following streets: Sherman Drive, Willow Creek Drive, Brisband Street, 63rd Avenue.

Change the associated text (Page 3-25):

- "The Basalt Creek Parkway... as shown in Figure 3-15."

CHAPTER 4: THE NEEDS

FIGURE 4-5: TRANSIT SERVICE COVERAGE GAPS (PAGE 4-13)

- Added a text box and circle to the Frog Pond area that reads "Refer to the Frog Pond East & South Master Plan for transit improvements in this area"

CHAPTER 5: THE PROJECTS

The following changes are recommended to Chapter 5 of the City of Wilsonville's TSP.

TABLE 5-1: HIGHER PRIORITY PROJECT COSTS (PAGE 5-4)

Change associated text:

- As shown in Table 5-1, the Higher Priority projects would cost a total of approximately \$263.6 million.

Change the following text in Table 5-1:

PROJECT TYPE	COST ESTIMATE
Roadway Extensions	<u>\$89,400,000</u>
Roadway Widening	<u>\$34,400,000</u>
Urban Upgrades	<u>\$81,480,000</u>
Spot Improvements	<u>\$27,053,000</u>
Standalone Bicycle and Pedestrian Improvements	<u>\$30,803,000</u>
Transit Improvements	\$500,000
Total Higher Priority Project Costs	\$263,636,000

FIGURE 5-2: HIGHER PRIORITY PROJECTS (PAGE 5-5)

Summary of changes:

- Add/modify same projects as *Figure 5-4: Higher Priority Projects (Northeast Quadrant)* (Page 5-9).
- Modify the Roadway Widening/Upgrade Main Street classification to say 'Town Center Main Street', modify the Roadway Extensions Main Street classification to say 'Future Town Center Main Street', and add a new line type under Roadway Extensions with the title 'Future Frog Pond Main Street'.

TABLE 5-3: HIGHER PRIORITY PROJECTS (NORTHEAST QUADRANT) (PAGE 5-8 AND INSERT NEW PAGE AFTER 5-8)

Change or add the following text to the table:

PROJECT	DESCRIPTION	COST
RE-12B: Frog Pond South Neighborhood Collector Roads	Construct the collector roadways within the south neighborhood as identified in the Frog Pond <u>East & South Master Area</u> Plan.	<u>\$6,840,000</u>

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PROJECT	DESCRIPTION	COST
<u>RE-12C: Frog Pond East Neighborhood Collector Roads</u>	<u>Construct the collector roadways within the east neighborhood as identified in the East & South Master Plan.</u>	<u>\$6,180,000</u>
<u>RE-17: Frog Pond Brisband Main Street Extension</u>	<u>Construct the Brisband Street extension east of Stafford Road under the new Frog Pond Main Street classification.</u>	<u>\$3,950,000</u>
<u>UU-06: Stafford Road Urban Upgrade</u>	<u>Widen Stafford Road from Boeckman Road to City limits to three travel lanes and include multimodal improvements. Prohibit through and left turn movements from Frog Pond Lane onto Stafford Road with a median, but provide median breaks to allow for northbound and southbound left turns off Stafford Road. Install a crosswalk with median across Stafford Road.</u>	<u>\$6,840,000</u>
<u>UU-10: Advance Road Urban Upgrade</u>	<u>Widen Advance Road from Stafford Road to City limits to three travel lanes and include multimodal improvements. Multimodal improvements on Advance Road should match the identified improvements on Boeckman Road to the west of Stafford Road.</u>	<u>\$7,660,000</u>
<u>SI-12: Stafford Road/Kahle Road Roundabout</u>	<u>Install a single-lane roundabout at the intersection of Stafford Road/Kahle Road.</u>	<u>\$6,170,000</u>
<u>SI-13: Stafford Road/Brisband Street Roundabout</u>	<u>Install a single-lane roundabout at the intersection of Stafford Road/Brisband Street.</u>	<u>\$6,170,000</u>
<u>SI-14: Advance Road/60th Avenue Roundabout</u>	<u>Install a single-lane roundabout at the intersection of Advance Road/60th Avenue.</u>	<u>\$3,950,000</u>
<u>BW-21: Advance Road Mid-block Pedestrian Crossing</u>	<u>Install a mid-block crosswalk with median between 60th Avenue and 63rd Avenue.</u>	<u>\$125,000</u>
<u>BW-22: Advance Road Enhanced Crossing</u>	<u>Install an RRFB along Advance Road at one of three potential locations: 60th Avenue, 63rd Avenue, or mid-block between 60th Avenue and 63rd Avenue.</u>	<u>\$60,000</u>

PROJECT	DESCRIPTION	COST
<u>BW-23: Stafford Road Enhanced Crossing</u>	<u>Install an RRFB along Stafford Road at Frog Pond Lane. Includes signage and median refuge island.</u>	<u>\$60,000</u>
<u>SR-05: Meridian Creek Middle School Safe Routes to School Improvements</u>	<u>Install a school crosswalk across Advance Road at 63rd Avenue with advance school crosswalk signs on Advance Road.</u>	<u>\$125,000</u>
RT-07: Revised-Frog Pond Regional Trail	Construct the regional trail identified in the Frog Pond Area Plan <u>and other applicable master plans.</u>	<u>\$6,940,000</u>

FIGURE 5-4: HIGHER PRIORITY PROJECTS (NORTHEAST QUADRANT) (PAGE 5-9)

Summary of changes:

- Modify the grey quadrant boundary so that the Frog Pond South area is now included in this quadrant.
- Add a new line type under Roadway Extensions with the title 'Frog Pond Main Street'.

Add or modify the following projects to the figure:

- RE-12B: Frog Pond South Neighborhood Collector Roads (*Modification*): Extend the existing blue highlight on 60th Avenue to the UGB towards the south.
- RE-12C: Frog Pond East Neighborhood Collector Roads (*Addition*): Add a dashed blue line in the East neighborhood that extend directly north of the existing 60th Avenue from Advance Road, connecting to the Brisband Street extension.
- RE-17: Frog Pond Brisband Main Street Extension (*Addition*): Add a new dashed line type in the East neighborhood that extends directly east of the existing Brisband Street from Stafford Road, connecting to the 60th Avenue extension.
- UU-06: Stafford Road Urban Upgrade (*No Modifications Necessary*)
- UU-10: Advance Road Urban Upgrade (*Modification*) – Extend the existing blue highlight on Advance Road to the UGB towards the east.
- SI-12: Stafford Road/Kahle Road Roundabout (*Addition*) – Add a green roundabout symbol to the Kahle Road/Stafford Road intersection.
- SI-13: Stafford Road/Brisband Street Roundabout (*Addition*) – Add a green roundabout symbol to the Brisband Street/Stafford Road intersection.
- SI-14: Advance Road/60th Avenue Roundabout (*Addition*) – Add a green roundabout symbol to the 60th Avenue/Advance Road intersection.

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- BW-21: Advance Road Mid-block Pedestrian Crossing (*Addition*) – Add a yellow pedestrian sign to Advance Road between 60th Avenue and 63rd Avenue (in addition to the sign for BW-22).
- BW-22: Advance Road Enhanced Crossing (*Addition*) – Add a yellow pedestrian sign to Advance Road between 60th Avenue and 63rd Avenue (in addition to the sign for BW-21).
- BW-23: Stafford Road Enhanced Crossing (*Addition*) – Add a yellow pedestrian sign to Stafford Road at Frog Pond Lane.
- SR-05: Meridian Creek Middle School Safe Routes to School Improvements (*Addition*) – Add a green school symbol to the 63rd Avenue/Advance Road intersection.
- RT-07: Frog Pond Regional Trail (*Modification*) – Extend the existing green dashed line in the East neighborhood down through the South neighborhood.

FIGURE 5-6: HIGHER PRIORITY PROJECTS (SOUTHEAST QUADRANT) (PAGE 5-14)

Summary of changes:

- Modify the grey quadrant boundary so that the Frog Pond South area is greyed out (align with changes in northwest quadrant).
- Modify the Roadway Widening/Upgrade and Roadway Extensions classifications for Main Street instead read 'Town Center Main Street'.