



Sanitary Sewer Master Plan

Sewer Master Plan Update Presentation

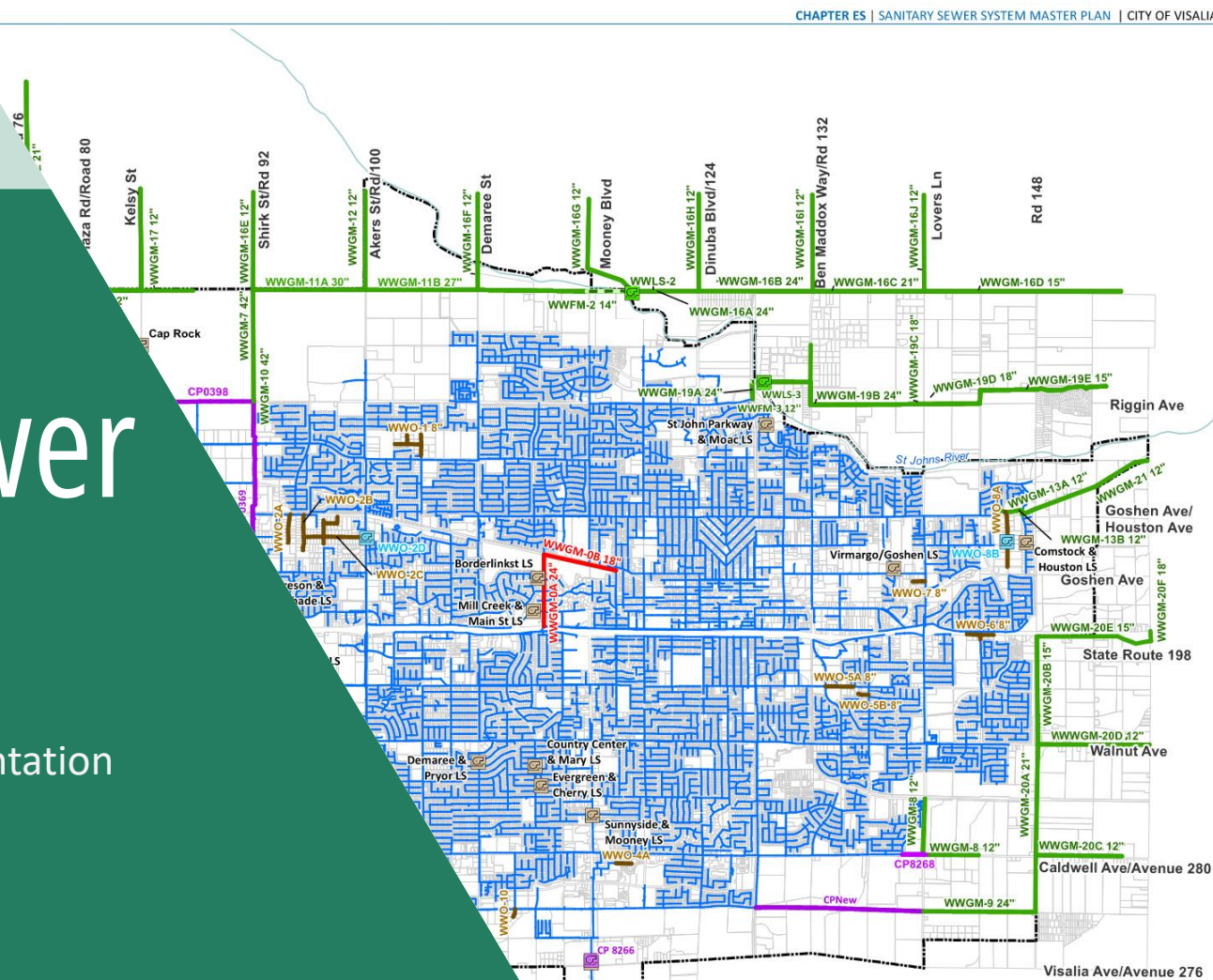


Figure ES.5 Capacity Improvements

TABLE OF CONTENTS

- 1 Purpose
- 2 Sewer Master Plan Overview
- 3 Nexus Study Sneak Peak
- 4 Next Steps

Purpose of the Sewer Master Plan Update

- ✦ Update sewer collection system hydraulic model
- ✦ Model sewer system growth per 2030 General Plan land uses
- ✦ Assess capacity of the sewer collection system
- ✦ Identify needed upgrades and expansions to support growth per 2030 General Plan
- ✦ Provide direction for incoming development
- ✦ Provide capital improvement costs for the update of the Wastewater Trunkline Developer Impact Fee

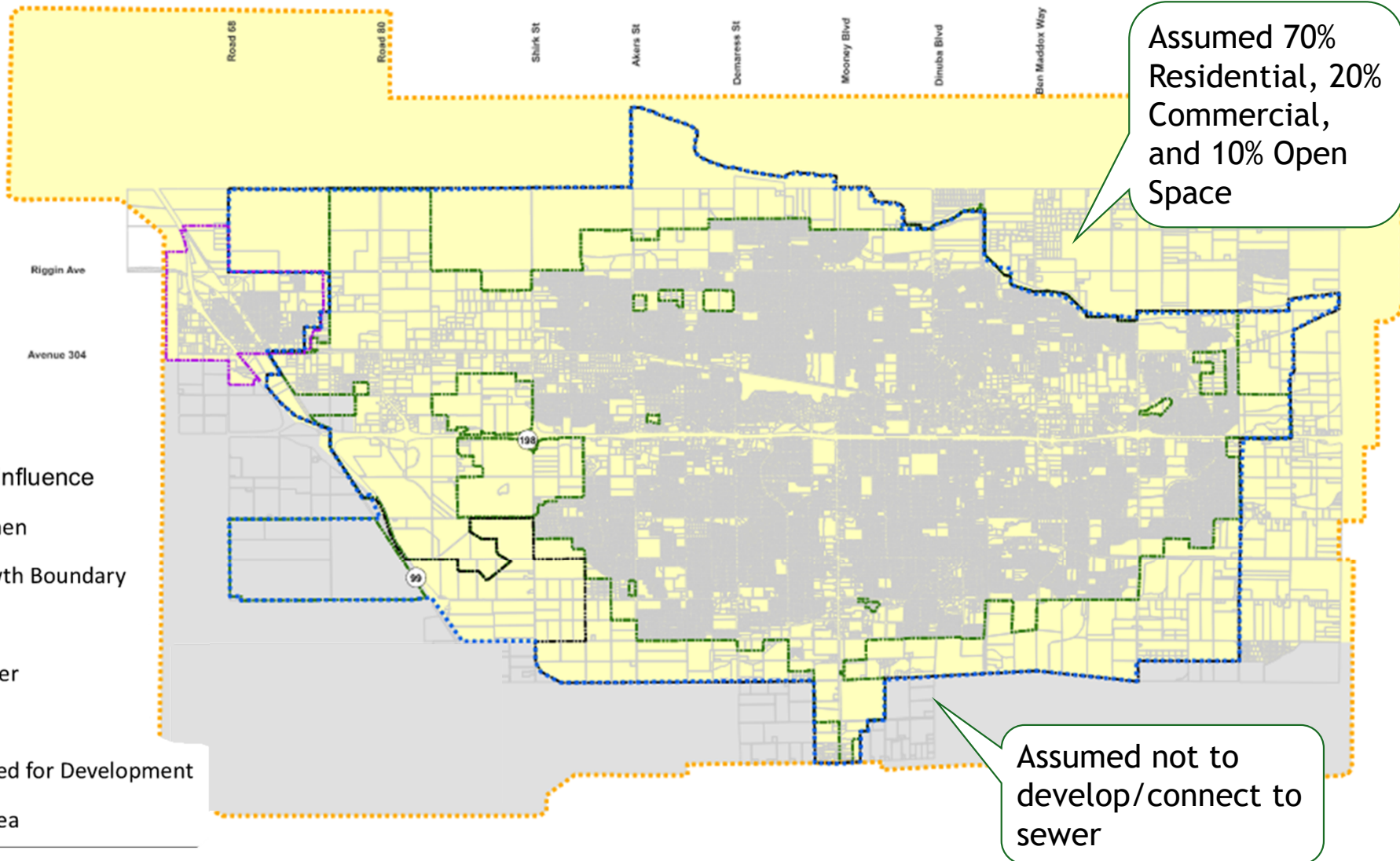
OVERVIEW

Sewer Master Plan Update

- Planning area assumptions and design criteria were carried over from 1994 adopted and 2005 draft Sewer Master Plans
- Most master-planned trunks had only minor changes in size or alignment

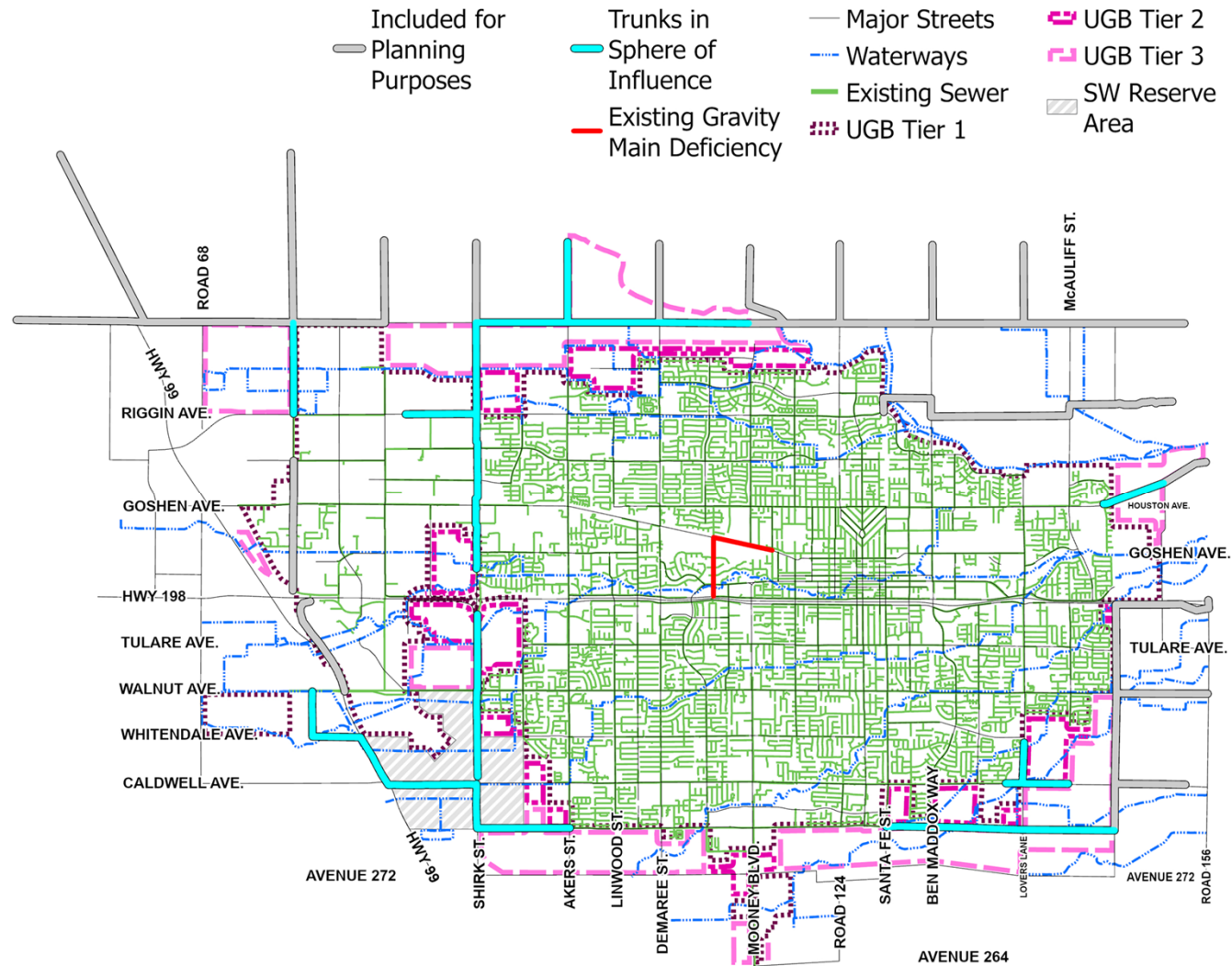


NEW
Southwest
Quadrant
Reserve Area
Sewer Trunks



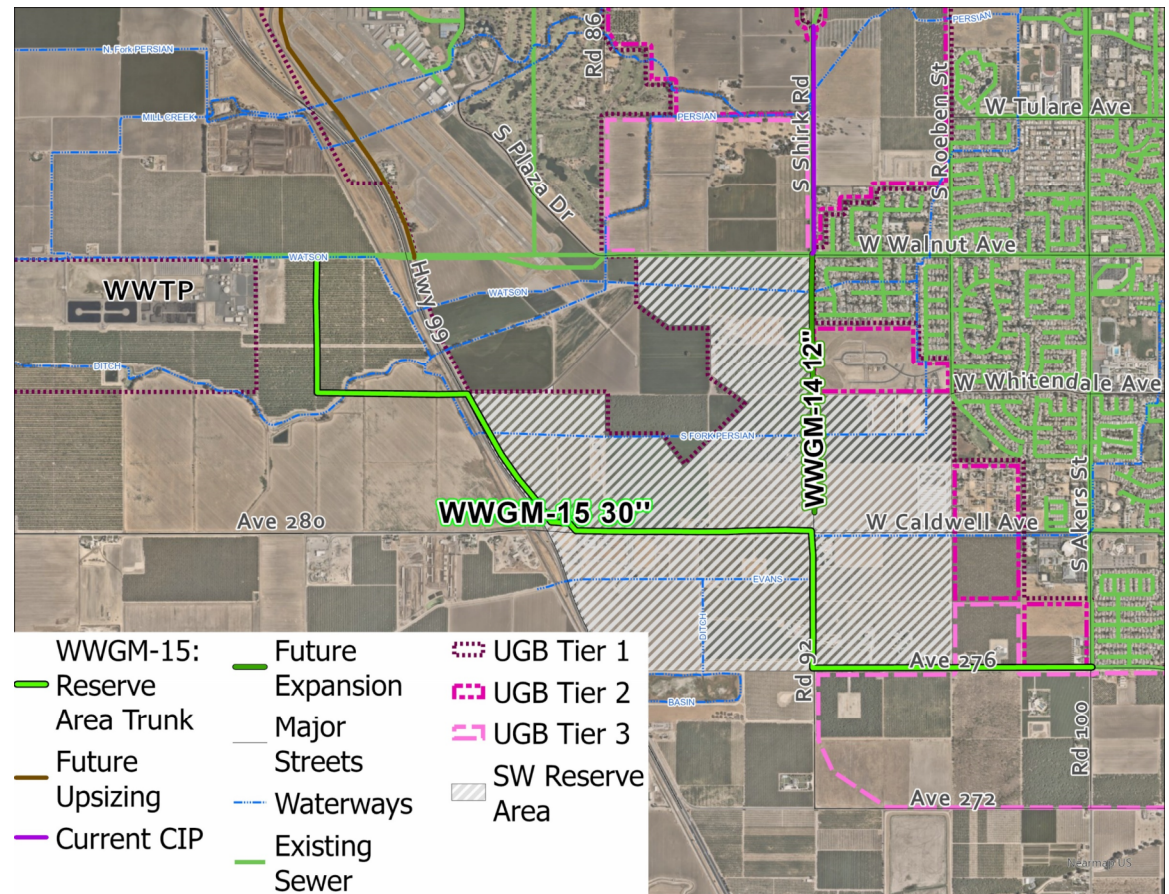
Planning-Area Trunklines

- Trunk lines outside the 2030 General Plan growth boundaries are included for planning purposes only



Southwest Quadrant Reserve Area Sewer Trunks – Long-Term Projects

- WWGM-15: Visalia Parkway Extension
 - ~ 16,500 LF of 30-inch sewer trunk from Akers & Visalia Pkwy to near the treatment plant
 - ~500 LF of steel casing to cross railroad and Hwy 99
- WWGM-14: South Shirk Main
 - ~1,400 LF of 15-inch sewer from Wagner to Walnut
 - ~3,600 LF 12-inch sewer from Caldwell to Wagner



Legend

-  Lift Station Phase 1
-  Lift Station Phase 2
-  Lift Station Phase 3
-  Lift Station Phase 4
-  Lift Station Phase 5
-  Existing lift station
-  Treatment Facility
-  Pipeline Phase 1
-  Pipeline Phase 2
-  Pipeline Phase 3
-  Pipeline Phase 4
-  Pipeline Phase 5
-  Existing Sewer Main
-  St Johns River
-  Urban Growth Boundary
-  Parcels

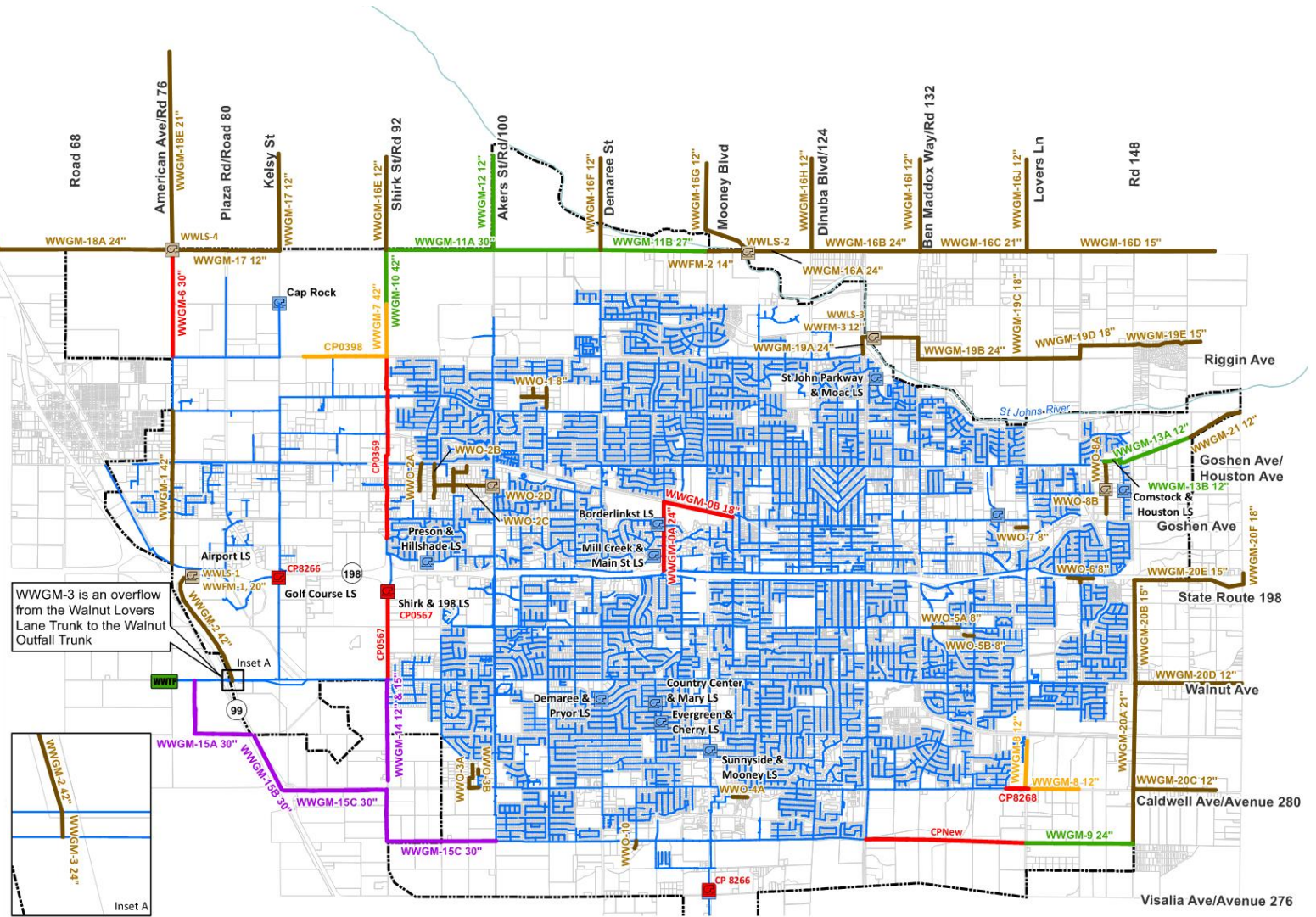


Figure ES.6 Project Phasing

Nexus Study Sneak Peak

Capital Improvement Project Phases

Phase 1: 2026-2030

\$18M

- City-Identified Projects

Phase 2: 2031-2035

\$16M

- Buildout of UGB Tiers 1 & 2

Phase 3: 2036-2040

\$26M

- UGB Tier 3 Projects

Phase 4: 2041-2045

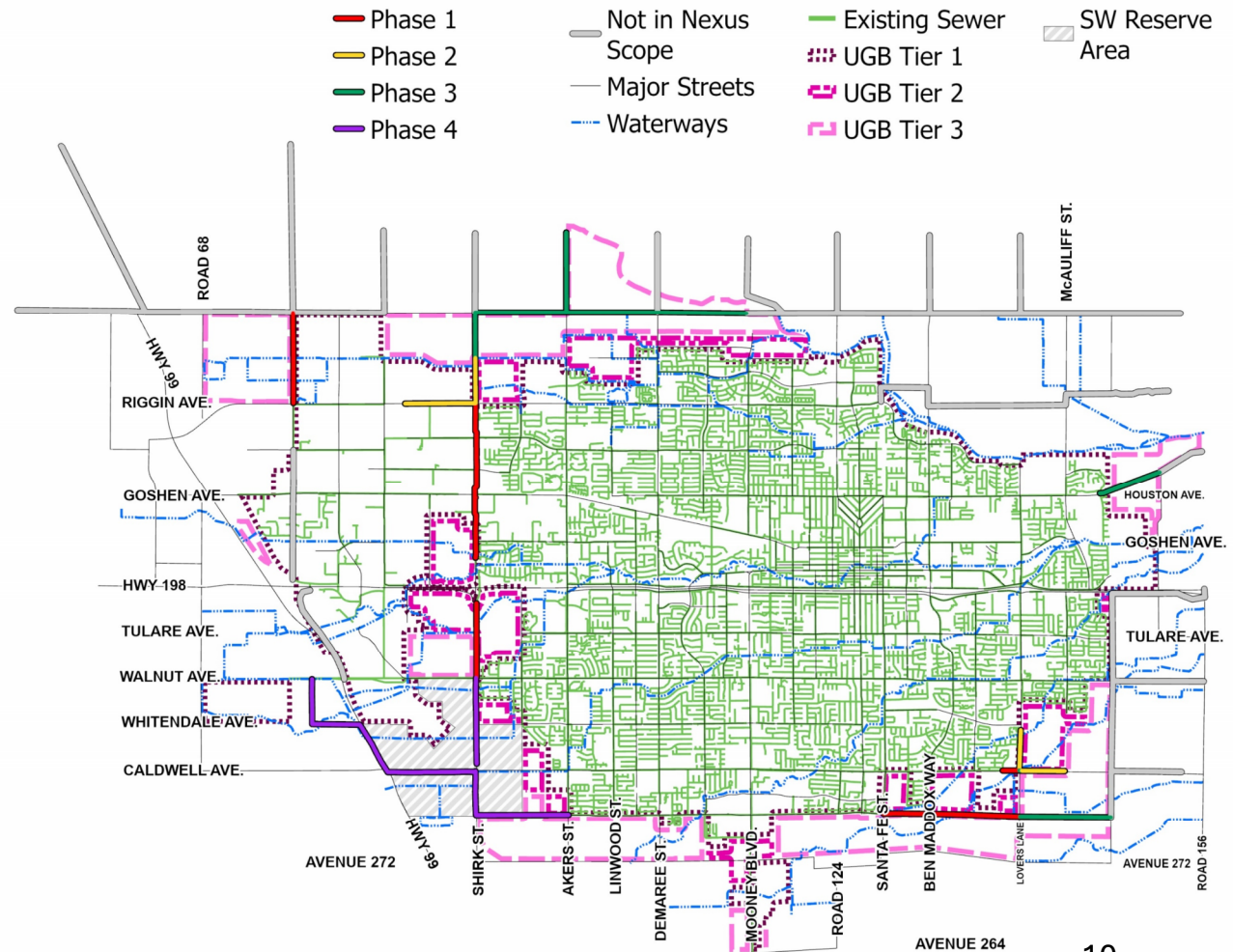
\$24M

- Buildout of UGB Tier 3 & SOI

Phase 5: 2046 & Beyond

\$144M

- Not included in Nexus Scope



Next Steps



Sewer Master Plan
Report will be available
on the City Website

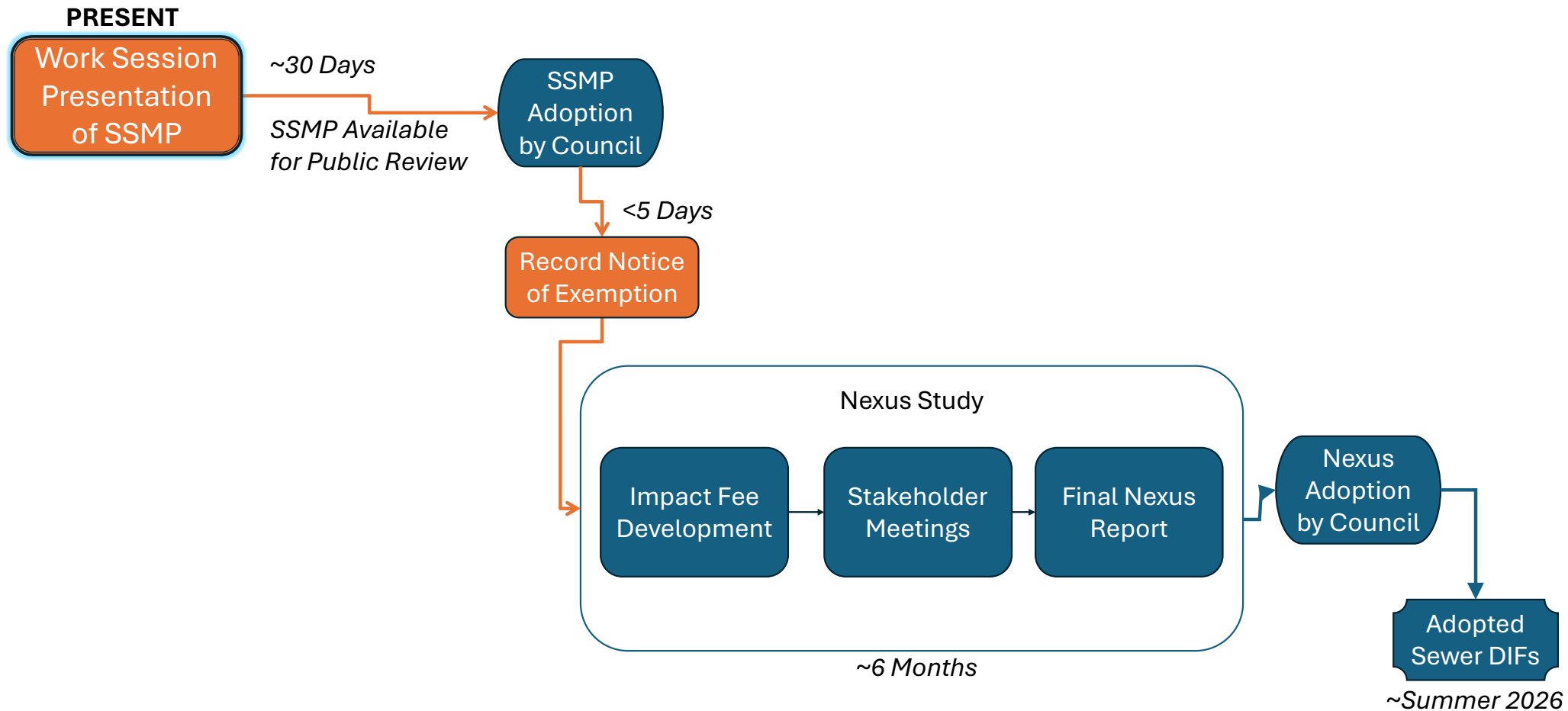


Return to Council 12/2
for master plan approval
and adoption



Resume Sewer Nexus
Study work

Next Steps – Timeline





Thank you
for your time.

