CITY OF WEST LAKE HILLS, TEXAS
NOTICE OF CITY COUNCIL WORKSHOP
Wednesday, November 5, 2025 at 12:00 PM

Notice is hereby given that the City Council of the City of West Lake Hills, Texas, will hold a Workshop on the 5th day of November 2025 at 12:00 p.m., in the Council Chamber, Municipal Complex, 4010 Bee Cave Road, West Lake Hills, Texas, at which time the following items will be discussed, to-wit:

1. Call to Order

2. Citizen Communications The City Council welcomes public comments at this point on any issue. If the issue is listed on the agenda, the speaker may choose to comment during the Public Comment period or when the specific agenda item is taken up by the Council later in the meeting. The Council cannot respond to or discuss matters not listed on the agenda. The Council may provide factual information, refer the item to a staff member, or request the item be added to a future meeting agenda. Speakers shall limit their comments to five (5) minutes each.

3. Police Discuss and consider action on a resolution approving a grant application to the Public Safety Office of the Governor's Office for ballistic windows and door panels for six patrol vehicles.

4. Administration Discussion regarding wastewater collection system capacity and operations.

5. Administration Discussion regarding gateway signage.

6. Adjournment

Approved by: James Vaughan, Mayor

Certificate

I certify that the above Notice of the November 5, 2025 City Council Workshop was posted on the bulletin board at the Municipal Complex, 4010 Bee Cave Road, West Lake Hills, Texas on Thursday, October 30, 2025 by 5:00 pm. and will remain posted continuously until said meeting is convened.

Signed by: Terry Blanchard, City Secretary

The City of West Lake Hills is committed to compliance with the Americans with Disabilities Act. Reasonable accommodation and equal access to communications will be provided upon request.

All items on the agenda are for discussion and/or action. City Council reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by Texas Government Code Sections 551.071 (Consultation with Attorney), 551.072 (Deliberations about Real Property), 551.073 (Deliberations about Gifts and Donations), 551.074 (Personnel Matters), 551.076 (Deliberations about Security Devices), and 551.086 (Economic Development).

City *of* West Lake Hills
City Council

AGENDA REPORT

Meeting Date:	November 05, 2025	**Item Number:**	
Department:	Police		
Prepared By:	Chief Gerdes	**Cost / Budget:**	$0
Exhibits:	Resolution	**Source of Funds:**	

Subject

This is a resolution approving our applying for a grant from the Public Safety Office of the Governor's office for ballistic windows and door panels for our six (6) patrol vehicles.

Recommendation

Staff recommends approval of this resolution

Discussion

We will be applying for $59,010 in grant funds for ballistic windshields, ballistic glass, and door panels for our six (6) patrol vehicles. There is no required fund match percentage for the City if we are awarded this grant.

City of West Lake Hills

RESOLUTION 2025-11-01

CERTAIN BULLET-RESISTANT COMPONENTS FOR POLICE VEHICLES

WHEREAS, the Texas Governor's Office, Criminal Justice Division, Public Safety Office has allocated up to $5 million dollars to aid law enforcement agencies in equipping motor vehicles used by peace officers with certain bullet-resistant components (windshield/windows); and

WHEREAS, the City of West Lake Hills, Texas (the, "City" or "City of West Lake Hills") is a city with limited financial resources that wants to take advantage of this grant opportunity; and

WHEREAS, the City of West Lake Hills finds it in the best interest of the citizens of West Lake Hills that the Bullet-Resistant Component Grant Program be operated for FY 2025/2026; and

WHEREAS, the City of West Lake Hills wants to apply for this grant to equip motor vehicles used by peace officers with certain bullet-resistant components; and

WHEREAS, the City of West Lake Hills agrees to provide applicable matching funds for the said project as required by the Office of the Governor, Criminal Justice Division, Public Safety Office Bullet-Resistant Component Grant application; and

WHEREAS, the City of West Lake Hills agrees that in the event of loss or misuse of the Office of the Governor funds, The City of West Lake Hills assures that the funds will be returned to the Office of the Governor in full.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of West Lake Hills, that:

1. The City of West Lake Hills designates City Administrator Trey Fletcher as the grantee's Authorized Official. The authorized official is given the power to apply for, accept, reject, alter or terminate the grant on behalf of the applicant agency. Chief of Police Scott Gerdes will be the Project Director for this grant project.

2. The City of West Lake Hills approves submission of the grant application for the Bullet-Resistant Component Grant to the Office of the Governor, Criminal Justice Division, Public Safety Office.

PASSED AND ADOPTED this 5th day of November, 2025.

_____
JAMES VAUGHAN, MAYOR
CITY OF WEST LAKE HILLS

ATTEST:

_____
TERRY BLANCHARD, CITY SECRETARY

City *of* West Lake Hills
City Council

AGENDA REPORT

Meeting Date:	November 5, 2025	**Item Number:**	4
Department:	Administration		
Prepared By:	Trey Fletcher	**Cost / Budget:**	n/a
Exhibits:	Presentation	**Source of Funds:**	n/a

Subject

Discussion regarding wastewater collection system capacity and operations.

Recommendation

Discuss only. No action is being taken.

Discussion

The City's Wastewater Engineer, HR Green, led by Leigh Thomas & Jenny Davila will be providing an overview of progress to date in assessing and evaluating existing wastewater system infrastructure as it relates to the established Austin Water discharge limits and report on collaborations with contracted operations and Austin Water Utility (AWU) planning.

Topics to be discussed include:

- Existing Wastewater System Overview
- Austin Agreement for Wastewater Discharge
- Data Gathering and Processing
- Calculating Flows to Estimate Contributions
- Service Areas within the WLH Wastewater System
- Austin Discharge Points
- Austin Agreement vs. Current Peak Flow Estimates
- EARZ Limits and Regulations for Wastewater
- System Performance & the O&M Connection
    - Operations evaluation
    - Operations procedures
    - Peaking factors vs. potential wet weather contributions
    - Lift Station Capacity Analysis and Interim & Short/Long Term Solutions
    - AWU Wastewater Capacity Limitations
- Steps Towards Solutions
    - AWU collaboration/sharing

- WLH vs. AWU modeled flows
- Identification of potential points to increase future discharges
- Alternative capacity management potential solutions

City of West Lake Hills, TX – Council Workshop Wastewater System – Existing Conditions to Potential Solutions

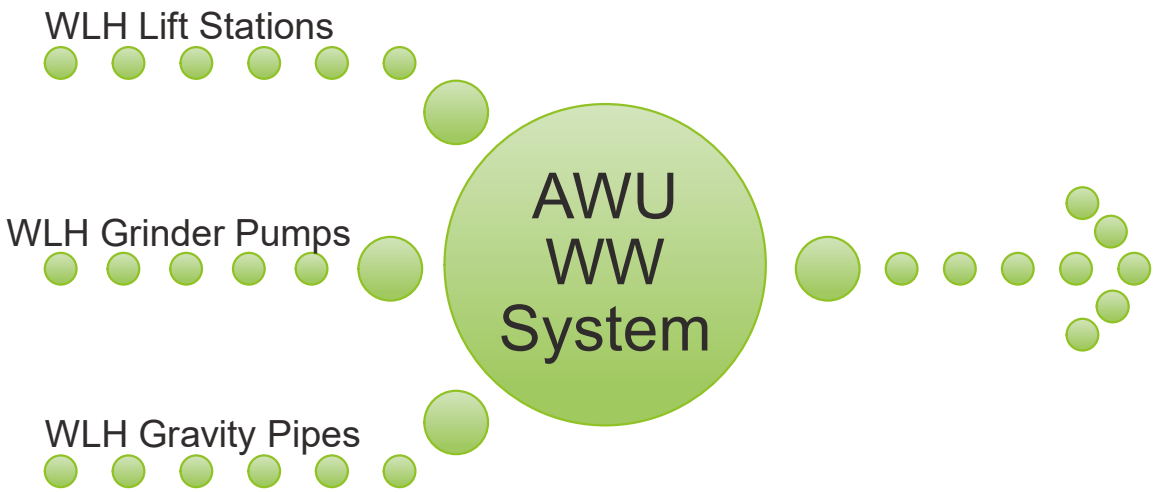
Leigh Thomas, PE
Jenny Davila, PE

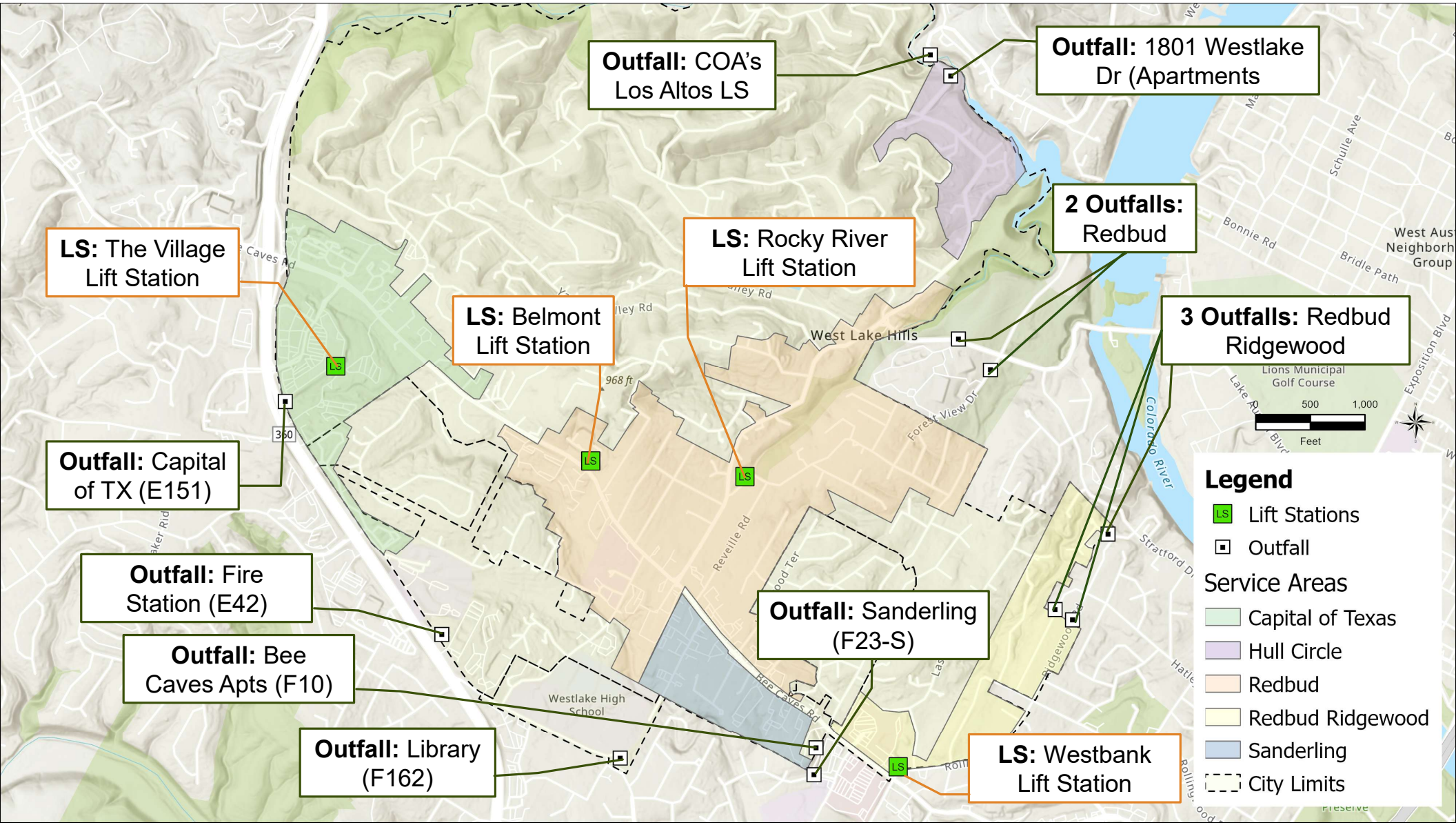
Discussion Topics

- Existing Wastewater System Overview
- Austin Agreement for Wastewater
- Data Gathering and Processing
- Calculating Flows to Estimate Contributions
- Wastewater Service Areas
- Austin Discharge Points
- Austin Agreement vs. Current Peak Flow Estimates
- EARZ Limits and Regulations
- System Performance & the O&M Connection
- Steps Towards Solutions

Existing Wastewater System Overview

- **Gravity Systems**
  - Pipes
  - Service Connections
  - Manholes
- **Low Pressure Systems**
  - Grinder pumps
  - Tank
  - Low pressure force mains
- **Lift Stations**
  - Storage
  - Pumps
  - Force mains
- **Septic Systems**
  - Tank
  - Drain field




Outfall: COA's Los Altos LS
Outfall: 1801 Westlake Dr (Apartments
2 Outfalls: Redbud
LS: The Village Lift Station
LS: Rocky River Lift Station
LS: Belmont Lift Station
3 Outfalls: Redbud Ridgewood
Outfall: Capital of TX (E151)
Outfall: Fire Station (E42)
Outfall: Bee Caves Apts (F10)
Outfall: Library (F162)
Outfall: Sanderling (F23-S)
LS: Westbank Lift Station
West Lake Hills
Westlake High School
Lions Municipal Golf Course
968 ft
0
500
1,000
Feet
Legend
Lift Stations
Outfall
Service Areas
Capital of Texas
Hull Circle
Redbud
Redbud Ridgewood
Sanderling
City Limits

2005 Austin Agreement

4.03 West Lake Hills to Limit the Design and Construction of the Connecting Facilities. West Lake Hills agrees to design and construct the Connecting Facilities so that they will deliver no more than 800 gpm Peak Flow Rate and no more than 250 gpm Annual Daily Average to the Austin System. West Lake Hills agrees to design and construct the West Lake Hills' System so that any wastewater flows to a Metering Facility can be accurately measured. West Lake Hills may determine physical layout and spacing of facilities within all lift station sites. No conventional gravity wastewater pipe in the West Lake Hills System or in the Connecting Facilities will be larger than 18 inches in diameter.

- 800 gpm peak limit
- 250 gpm annual average day limit
- Winter Months as basis of analysis
- Peak factor = 4 (includes infiltration & inflow)

11) Winter Months Averaging Period: means the meter reading periods ending in the months of December, January, and February, unless the Austin City Council or its designee approves a different Winter Months Averaging Period, of which the metered water usage for the meter reading periods are averaged and will represent the wastewater usage for the billing period.

x) Peak Flow Rate: means the highest calculated flow rate delivered to Austin's System under any operational condition, including inflow and infiltration. The Peak Flow Rate at Points of Entry with Metering Facilities will be calculated by Austin by collecting flow readings taken every second when the lift station pumps are operating and averaging sixty readings for each minute. A Peak Flow Rate at Point of Entry with Metering Facilities will be identified by those Peak Flow Rates, rounded to the nearest whole number, that are duplicated for two or more consecutive minutes. Austin will calculate the Peak Flow Rate for all Points of Entry without Metering Facilities based upon the Winter Months Averaging Period and multiplied by the number four.

Data Gathering and Processing

City-provided Water Billing Reports (December, January, February)

Mapping Iterations

Normalize inactive month (change of owners, vacancies, and outliers)

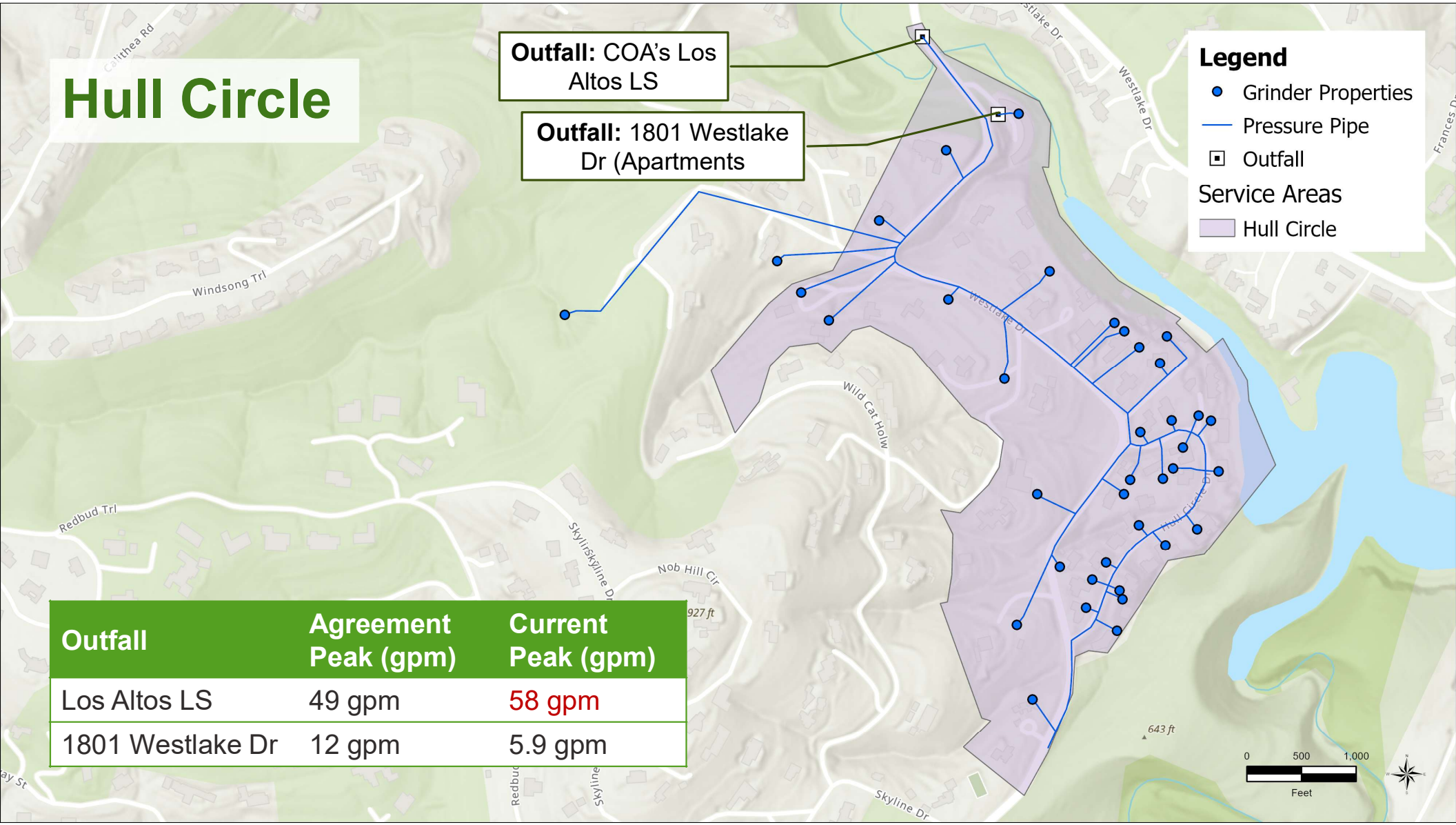
Ongoing Information Review & Management:
- WLH Historical Files
- WLH Historical Construction Plans
- WLH Map and model information
- AWU Historical Communications
- AWU Map and model information

Calculating Flows to Estimate Contributions

Winter Dry Weather Average Daily Flows × % water billed discharged to sewer system × Austin-Agreement Peak Factor of 4 = Winter Wet Weather Peak

Category*	Waste %
Residential High User	80%
Residential Low User	90%
Multi-commercial	85%
Restaurant	80%

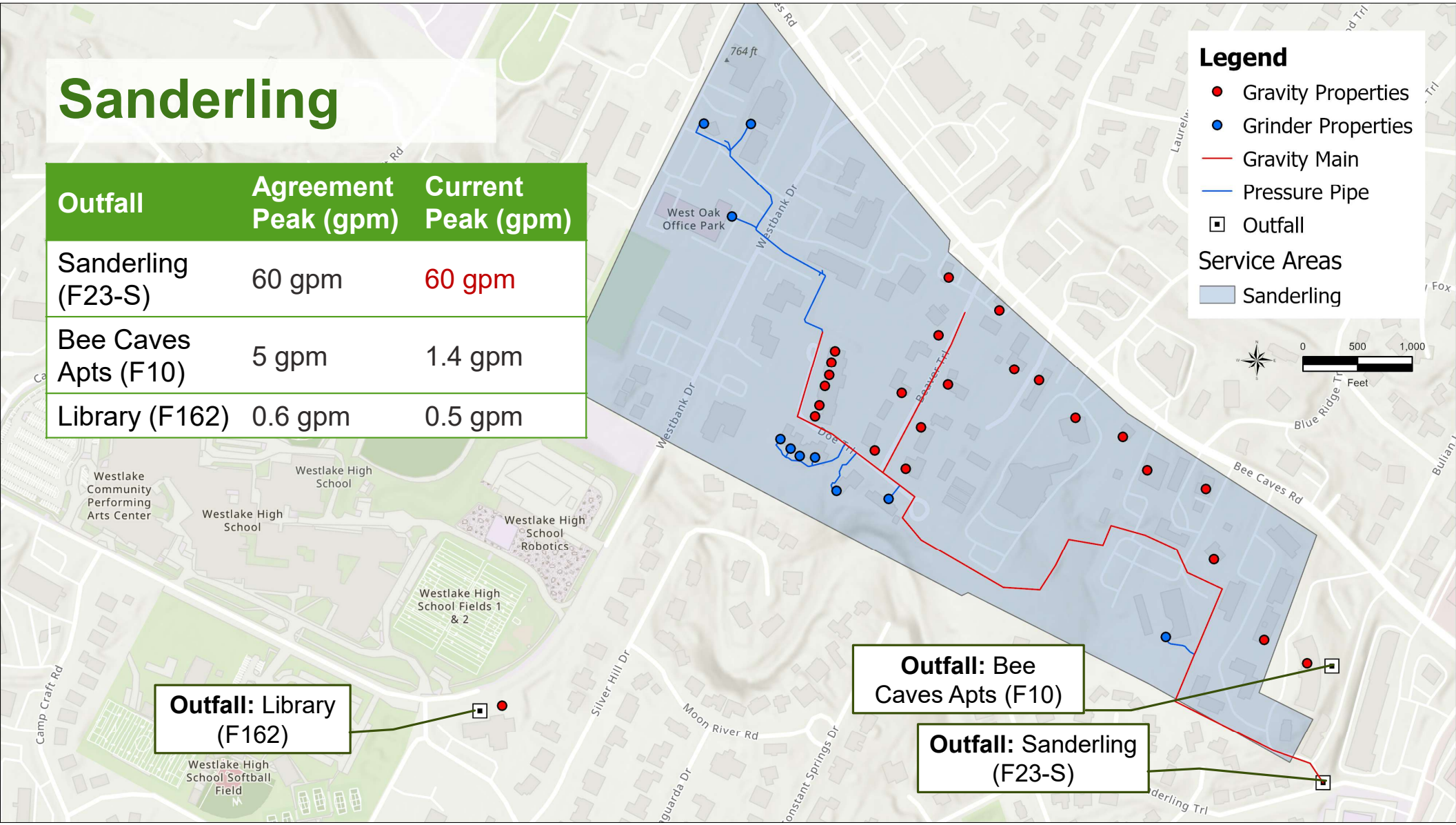
Hull Circle



Outfall	Agreement Peak (gpm)	Current Peak (gpm)
Los Altos LS	49 gpm	58 gpm
1801 Westlake Dr	12 gpm	5.9 gpm

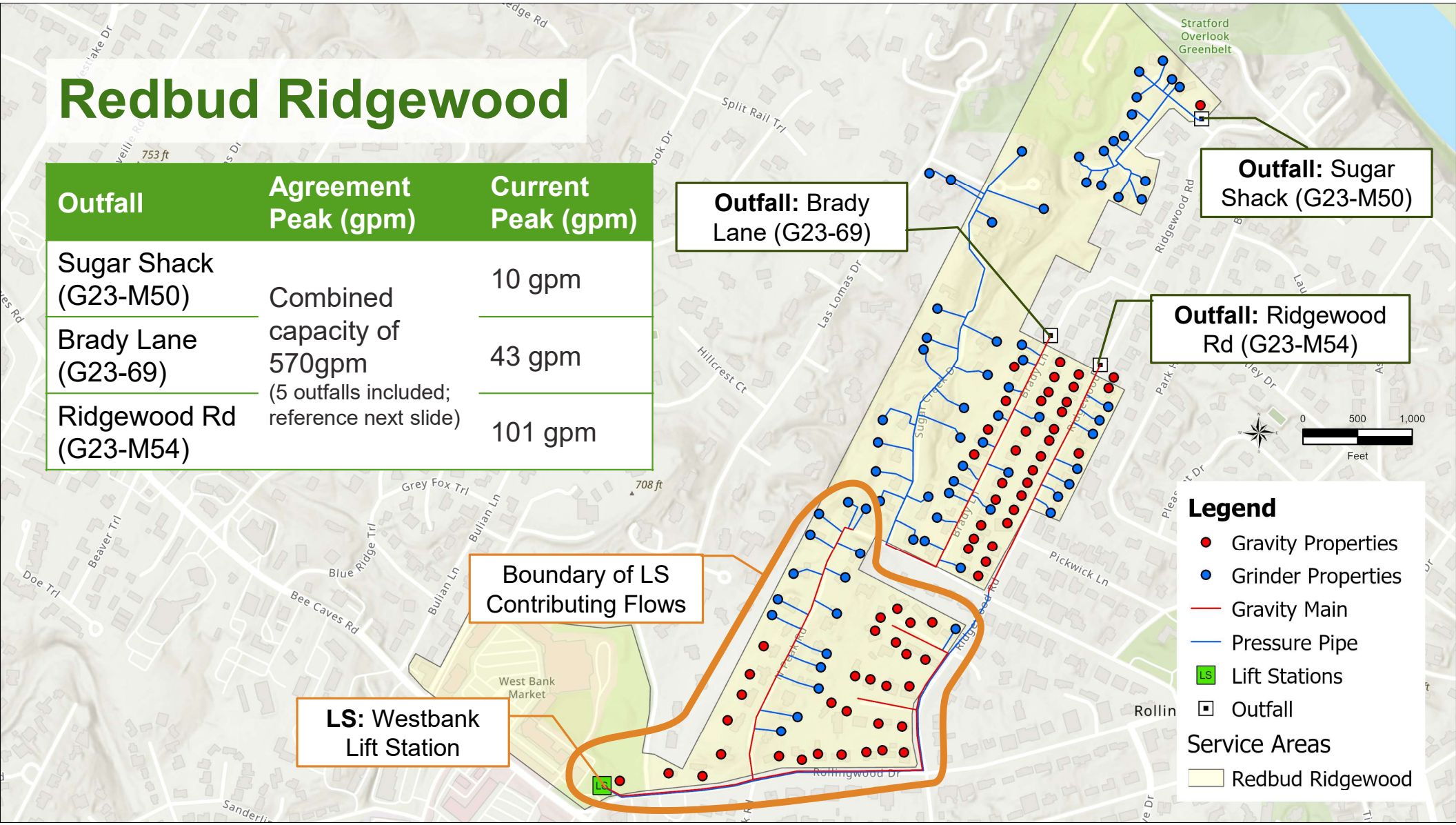
Sanderling

Outfall	Agreement Peak (gpm)	Current Peak (gpm)
Sanderling (F23-S)	60 gpm	60 gpm
Bee Caves Apts (F10)	5 gpm	1.4 gpm
Library (F162)	0.6 gpm	0.5 gpm

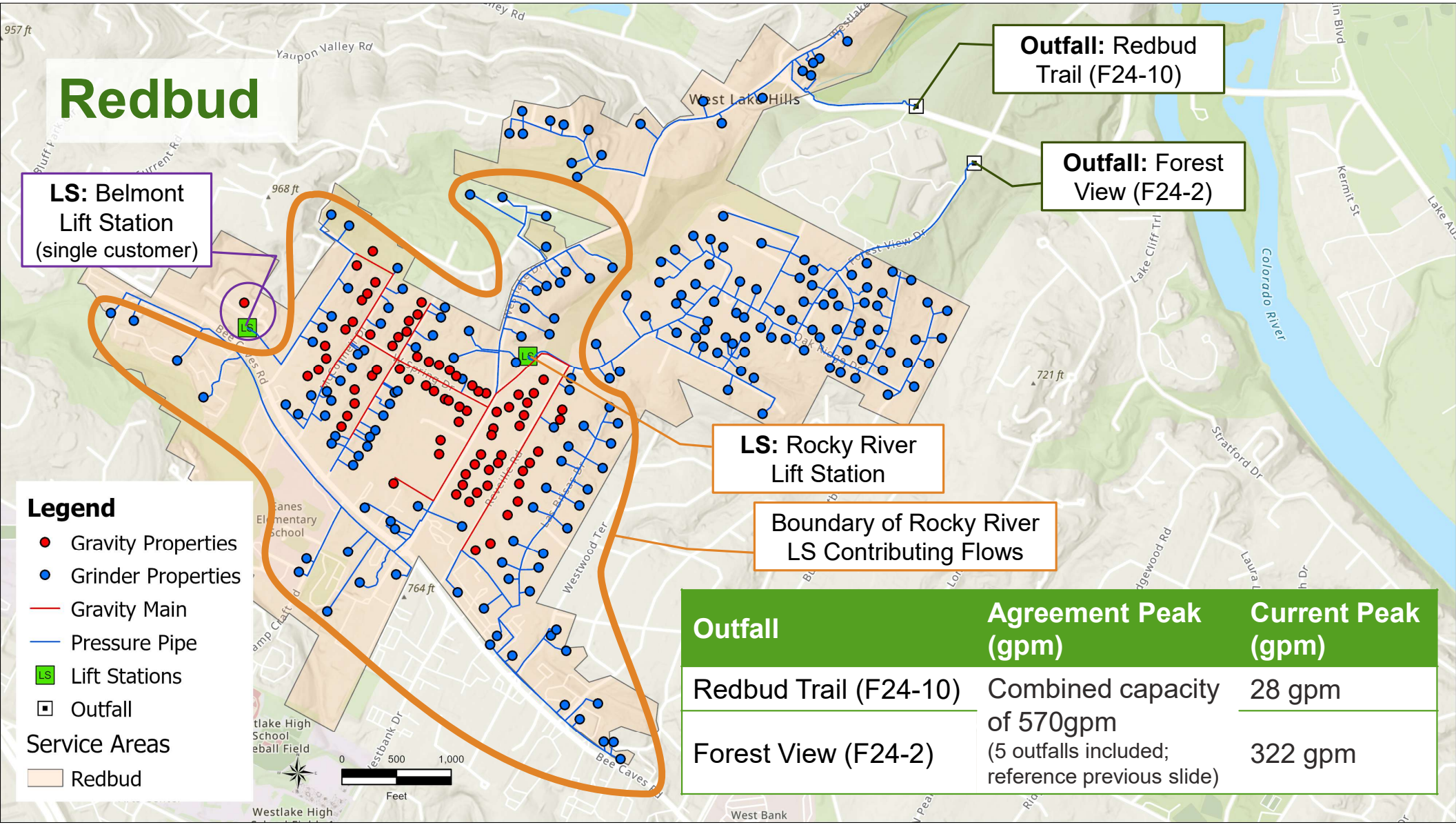


Redbud Ridgewood

Outfall	Agreement Peak (gpm)	Current Peak (gpm)
Sugar Shack (G23-M50)	Combined capacity of 570gpm (5 outfalls included; reference next slide)	10 gpm
Brady Lane (G23-69)		43 gpm
Ridgewood Rd (G23-M54)		101 gpm



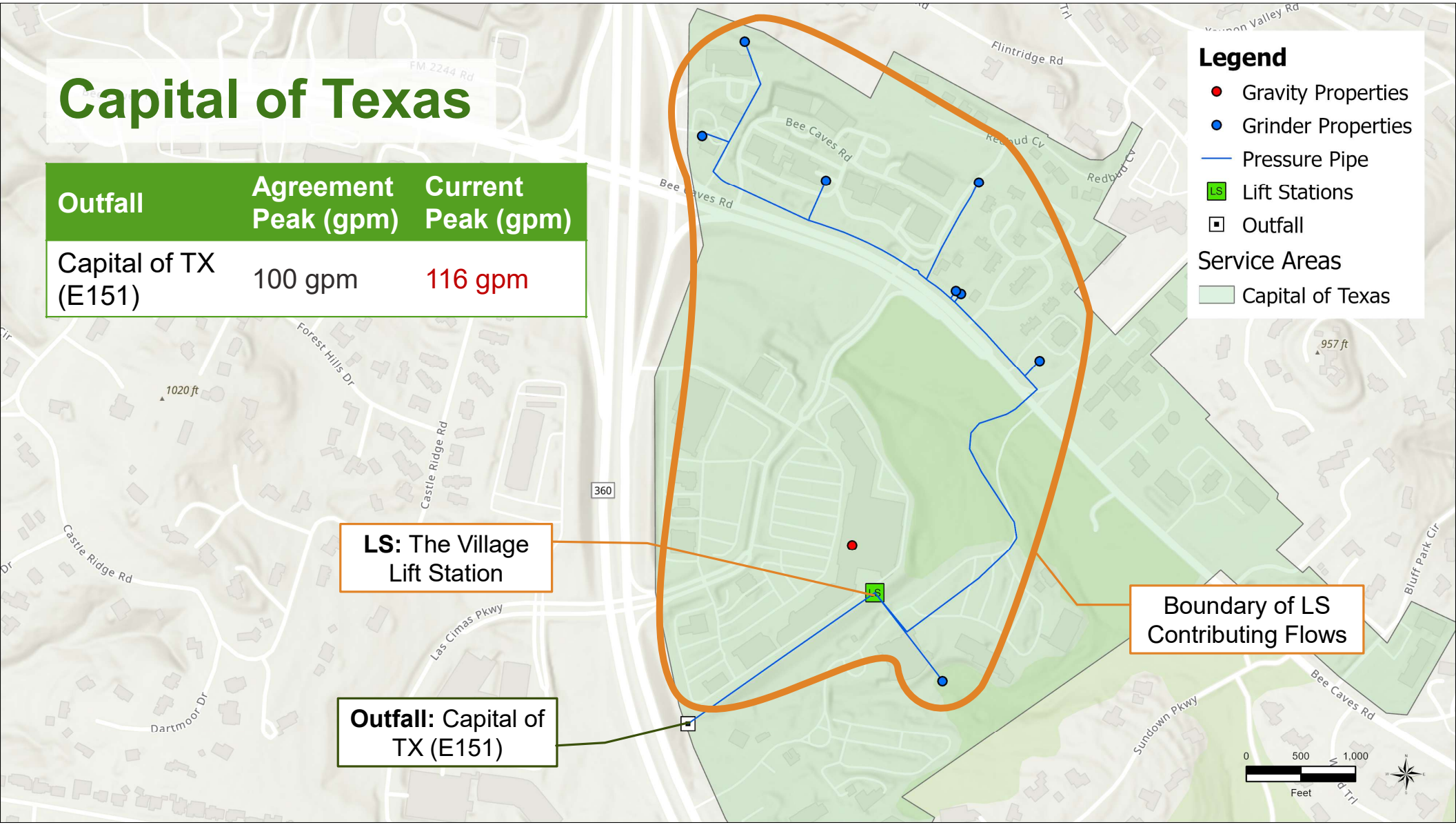
Redbud



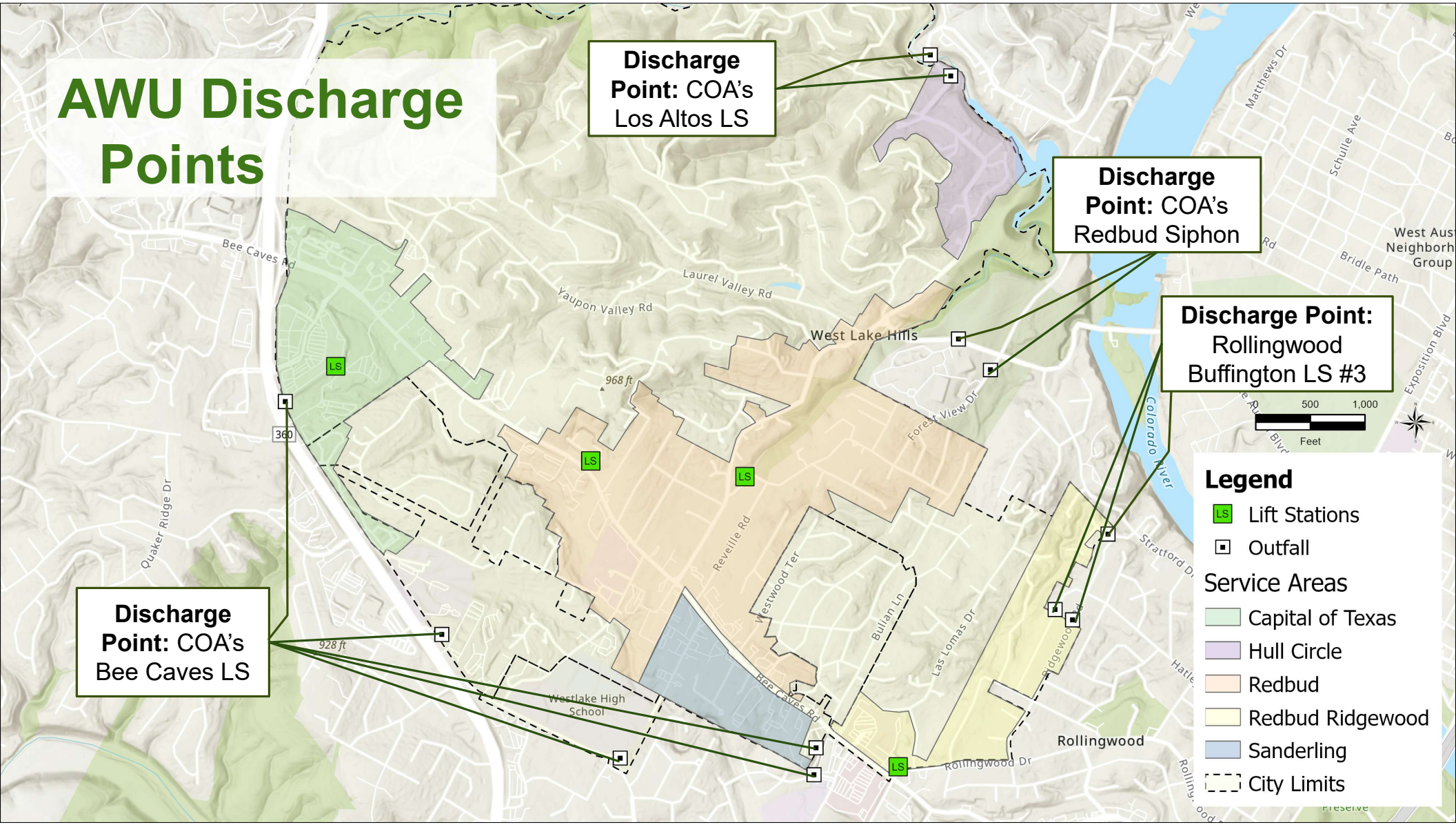
Outfall	Agreement Peak (gpm)	Current Peak (gpm)
Redbud Trail (F24-10)	Combined capacity of 570gpm (5 outfalls included; reference previous slide)	28 gpm
Forest View (F24-2)		322 gpm

Capital of Texas

Outfall	Agreement Peak (gpm)	Current Peak (gpm)
Capital of TX (E151)	100 gpm	116 gpm



AWU Discharge Points



Agreement Limits vs. Current Peak Flows

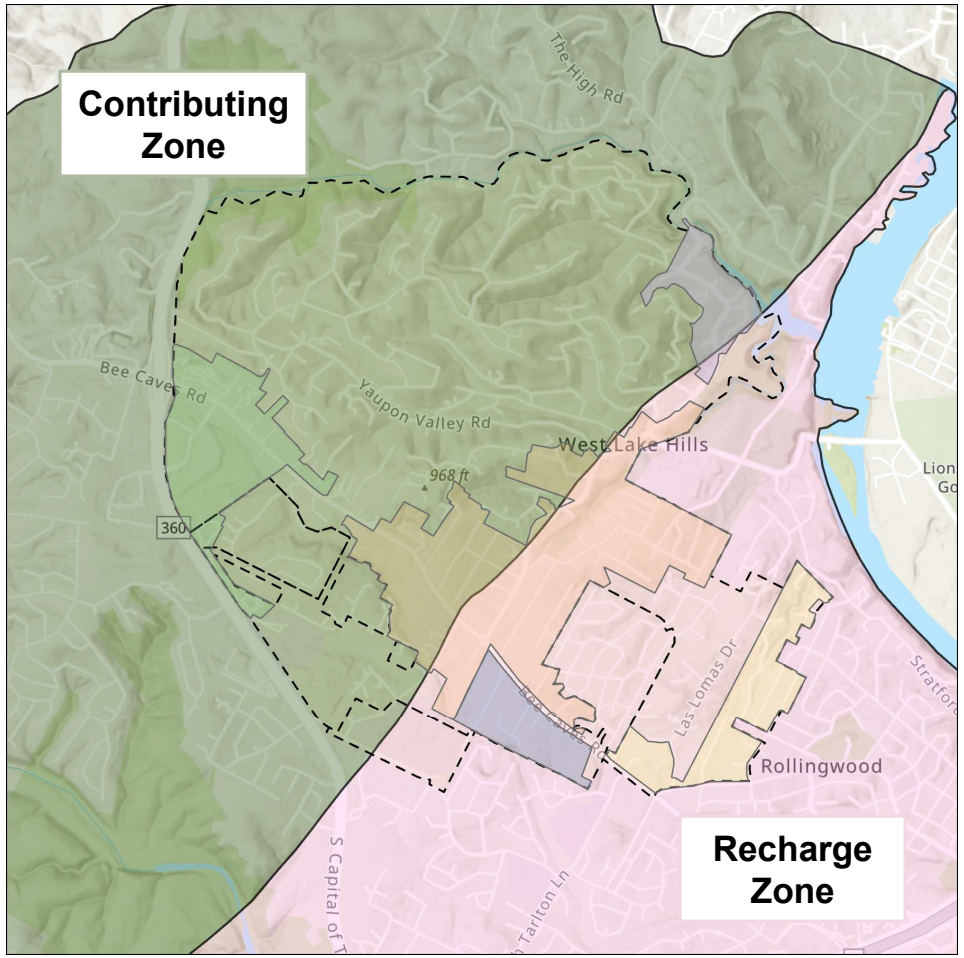
CURRENT PEAK FLOWS

- Existing (Billing Water Data)
- Paid (Projected Consumption)
- Planned/Conditionally Accepted (Projected Consumption)

Outfall	Agreement Peak (gpm)	Current Peak (gpm)
Los Altos LS	49 gpm	58 gpm
1801 Westlake Dr	12 gpm	5.9 gpm
Sanderling (F23-S)	60 gpm	60 gpm
Bee Caves Apts (F10)	5 gpm	1.4 gpm
Library (F162)	0.6 gpm	0.5 gpm
Fire Station (E42)	3 gpm	1.4 gpm
Sugar Shack (G23-M50)	Combined 570.4 gpm	10 gpm
Brady Lane (G23-69)		43 gpm
Ridgewood Rd (G23-M54)		101 gpm
Redbud Trail (F24-10)		28 gpm
Forest View (F24-2)		322 gpm
Capital of TX (E151)	100 gpm	116 gpm
Total =	**800 gpm**	**747.2 gpm**

Edwards Aquifer Limits & Regulations

- TCEQ Requirements for wastewater infrastructure in the EARZ
  - Contributing Zone vs. Recharge Zone
  - Inspections of existing wastewater infrastructure; 5-year cycle
  - Design & Permitting of new wastewater infrastructure



System Performance & the O&M Connection

- Coordination and Cooperation with Crossroads, Hydrosource, and PSI
- Evaluation of Historical Operations and Maintenance Information
  - Routine maintenance & Service call logs
  - Repairs and replacements records
- Review of Operations Procedures and Development of Standard Processes
  - Field Visits and meetings/discussions with operations support staff
  - Development of SOP for Grinder Pump and Lift Station Operations
  - Establishment of record keeping, reporting, inventory management, & service call procedures
  - Documenting service history of equipment and establishment of protocols for repair vs. replacement
  - Determining root cause of equipment issues and remaining useful life
  - Instituting a level of service required for equipment operations and maintenance

System Performance & the O&M Connection

- Austin agreement requires a peaking factor of 4 for estimating wet weather flows
  - This means “4x average daily flow” = potential peak wet weather flow
- Wet weather flow to a wastewater system can be the result of:
  - **Infiltration (below ground) sources:** pipe joints, pipe connections to manholes, service connections to pipes;
    - ***Ground water (existing and/or wet weather induced) traveling along the pipe trench, around manholes, etc., and enters the wastewater system, through open sources***
  - **Inflow (above ground) sources:** manhole covers, service clean-outs, drainage into wet wells and vaults, cross connections with drainage/storm water infrastructure;
    - ***Storm drainage that flows over open sources and enters the wastewater system.***

System Performance & the O&M Connection

- Determining actual vs. estimated potential wet weather
  - **Gravity system vs. low pressure system** = potential is higher to enter gravity pipe due to partially full/non-pressurized operational conditions. Manholes and gravity service connections also present a high potential for wet weather flows.
  - **Low pressure systems connection from retired septic systems** = potential for septic system to contribute wet weather flows where drain field pipes and pipe connections are not abandoned/sealed from grinder connection.
  - **Lift station wet wells/valve vaults (with sump pump)** = potential for wet weather flow to enter is high where drainage pathway allows flow to enter and/or access to well/vault is not watertight
  - **Storm/drainage cross connections** = potential for both wet weather and irrigation flow to enter the is high for street/sidewalk runoff, roof drain/spouts, irrigation systems, wash down areas, etc. where water does not have a directed route to an onsite drainage or storm collection/conveyance system

Village Lift Station Capacity

- **Overview of Testing & Analysis**
  - Capital of TX Service Area (receives day and night influent flows, 154-acre service area)
  - No SCADA monitoring - theoretical calculations plus field observations
  - Critical: Influent #1 routinely submerged during dry weather peaks
  - Single pump: 64 gpm vs. Peak: 120.4 gpm = operational stress
  - HEB Complex = 55% of commercial flow

Can existing infrastructure accept more flow? **NO**

- **Interim Solutions**
  - SCADA installation for real-time monitoring
  - Smoke testing to reduce I&I (currently 1,000 gal/acre-inch)
  - Operational protocols: Coordinate with HEB for off-peak discharge
  - Emergency response: Pumper trucks during rain events
- **Long-term Solutions**
  - Equalization tank to manage
  - Raise Influent #1 elevation or install flow control
  - Development restrictions: On-site detention for >500 gpd

Westbank (McDonald's) Lift Station Capacity

- **Overview of Testing & Analysis**
  - Redbud Ridgewood Service Area (~100-acre service area)
  - July 2025 drawdown test: P1=66.2 gpm (56% degraded), P2=118.1 gpm at ~68% VFD
  - True capacity: 230 gpm dual pumps (exceeds 196 gpm force main limit)
  - Current peak: 102.8 gpm; handles 1" rain, fails at 2.77" rain
  - Part of 570 gpm combined capacity for 5 outfalls

Can existing infrastructure accept more flow?
Limited - only 10-40 gpm after P1 replacement

- **Interim Solutions**
  - SCADA installation for real-time monitoring
  - P1 replacement (already recommended to City)
  - Reset operational levels already
  - VFD optimization
  - AC unit repairs, power quality
- **Long-term Solutions**
  - I&I investigation and rehabilitation
  - Outfall analysis
  - Force main upgrade 4"→6" (130% capacity increase)
  - 10,000-gallon inline storage for wet weather

Rocky River Lift Station Capacity

- Overview of Testing & Analysis
- Interim Solutions
- Long-term Solutions

Can existing infrastructure accept more flow?
Limited - only 10-40 gpm after P1 replacement

Will be updated for 11-5-2025

Belmont Lift Station Capacity

- Overview of Testing & Analysis
- Interim Solutions
- Long-term Solutions

Can existing infrastructure accept more flow?
Limited - only 10-40 gpm after P1 replacement

Will be updated for 11-5-2025

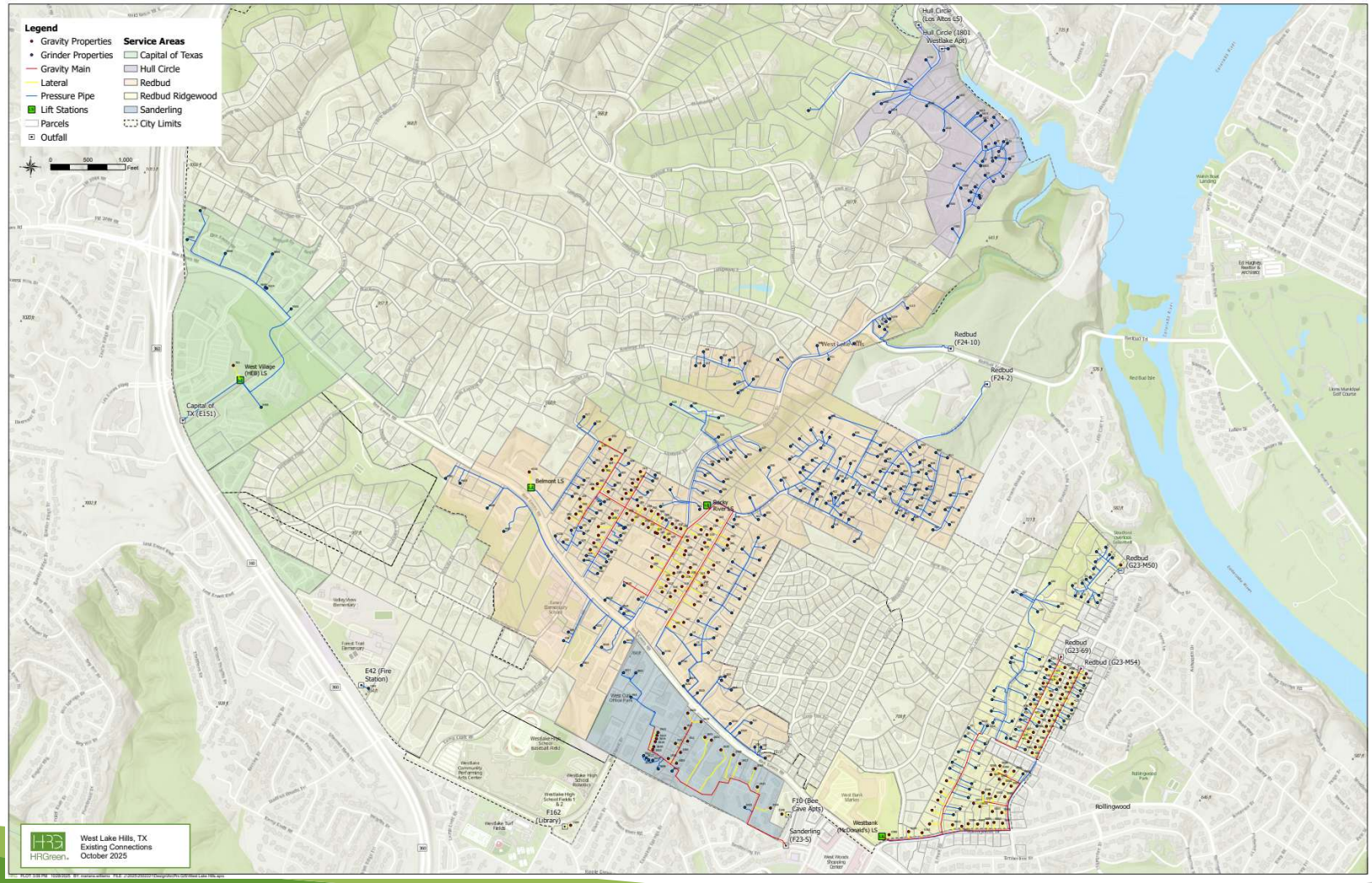
AWU Wastewater Capacity Limitations

- Bee Caves Lift Station
  - Impacted WLH Connections – Village LS, Sanderling
  - Limitations in the existing lift station and wastewater pipelines (Barton Creek Interceptor)
- Los Altos Lift Station
  - Impacted WLH Connection – Hull Circle
  - Limitations in the existing lift station and wastewater pipelines wastewater pipelines
- Bluffington Lift Stations
  - Impacted WLH Connections – Westbank LS
  - Potential capacity through Rollingwood to be evaluated
- Red Bud Siphon
  - Impacted WLH Connections – Red Bud Service Areas
  - Upsizing of siphon planned by AWU; pipelines to siphon will also need upsizing to allow more capacity

Steps Towards Solutions

- ✓ Collaboration with AWU and sharing of map and model information
- ✓ Updated and calibrated WLH model
- ✓ Flow monitoring in WLH System
- ✓ Flow information from AWU model at each WLH discharge point
- ✓ Correlation between WLH system and AWU flows
- ✓ System Operations and Improvements – Standard Operating Procedures (SOPs)
- ✓ Public Communication and Outreach – Information and Education (Dos & Don'ts)

Update Online System Map



Guide to Grinder Pumps

GUIDE TO GRINDER PUMPS

RESPONSIBILITIES AND HELPFUL TIPS

WHAT IS A GRINDER PUMP?

A grinder pump provides wastewater service through a low-pressure sewer system designed for homes in areas with varying topography where traditional gravity sewers are not feasible. Located in a buried tank, the grinder pump collects wastewater from fixtures, grinds solids into small particles, and pumps it into the city's sewer system.

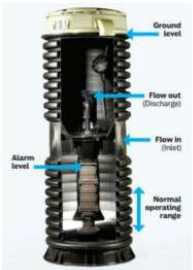
How to Tell if You Have a Grinder Pump?

Look for a metal "mushroom" vent lid on your property (similar to the one shown in the picture above), or check the

City Wastewater Collection System Map

blue dot: property with grinder pump system

red dot: property with gravity connection



E/One Grinder Pump Station

Source: eone.com

USER RESPONSIBILITIES VS. CITY RESPONSIBILITIES

User Responsibilities:

- Providing electrical power to the grinder pump
- Maintaining the discharge line from your house to the pump
- Proper use of the grinder pump (DO's and DONT's below)
- Providing access to City-contracted operations if the pump needs service
- Monthly fee: $35.00 (effective since 11/01/24)

City Responsibilities:

- Maintenance and operations of the grinder pump system (pump, control panel, tank)
- Service line from the pump to the wastewater main connection
- Contracting operations and maintenance services for grinder pump systems
- Responding to service requests through contracted services

IMPORTANT CONTACT INFORMATION

Service & Repairs

24-hour On-Call Service / (512) 246-1400

Never hire a private plumber to make repairs or replace your grinder pump, as it goes against City code 18.03.105, and you will be fined

General/Billing Questions

City of West Lake Hills Wastewater & Accounting Manager / (512) 610-6837
www.westlakehills.org/98/Wastewater

DO's: HOW TO KEEP THE GRINDER PUMP SYSTEM WORKING

- Do flush only human waste and toilet paper down toilets
- Do use sinks, showers, and laundry normally - graywater can drain into the grinder pump system
- Do avoid garbage disposals or use sparingly - food waste can clog the grinder pump system
- Do keep the breaker ON at all times - the grinder pump needs continuous power
- Do limit water use during power outages - flush toilets only when necessary
- Do notify contractors to keep the grinder pump power ON during any work
- Do call (512) 246-1400 when the alarm activates to request service as soon as possible

DON'Ts: ITEMS THAT CAN DAMAGE THE GRINDER PUMP SYSTEM

Don't flush these items down any drain/pipe to the grinder pump system:

- Fat, oil, and grease (FOG)
- Diapers and wipes (even if labeled "flushable")
- Feminine hygiene products
- Paper towels or plastic items
- Rags and cloths
- Dental floss
- Coffee grounds
- Medications

⚠ POWER OUTAGES & ALARMS

During Power Outages:

- Your grinder pump will NOT work without electricity
- The tank may overflow and cause a sewage spill if the grinder system keeps receiving wastewater
- Immediately limit all water use/wastewater discharge until power is restored
- No showers, laundry, or dishwashers
- Flush toilets only when absolutely necessary

Alarm Activated?

All grinder pump systems have visual alarms, and newer models include audible alarms.
If the alarm activates:

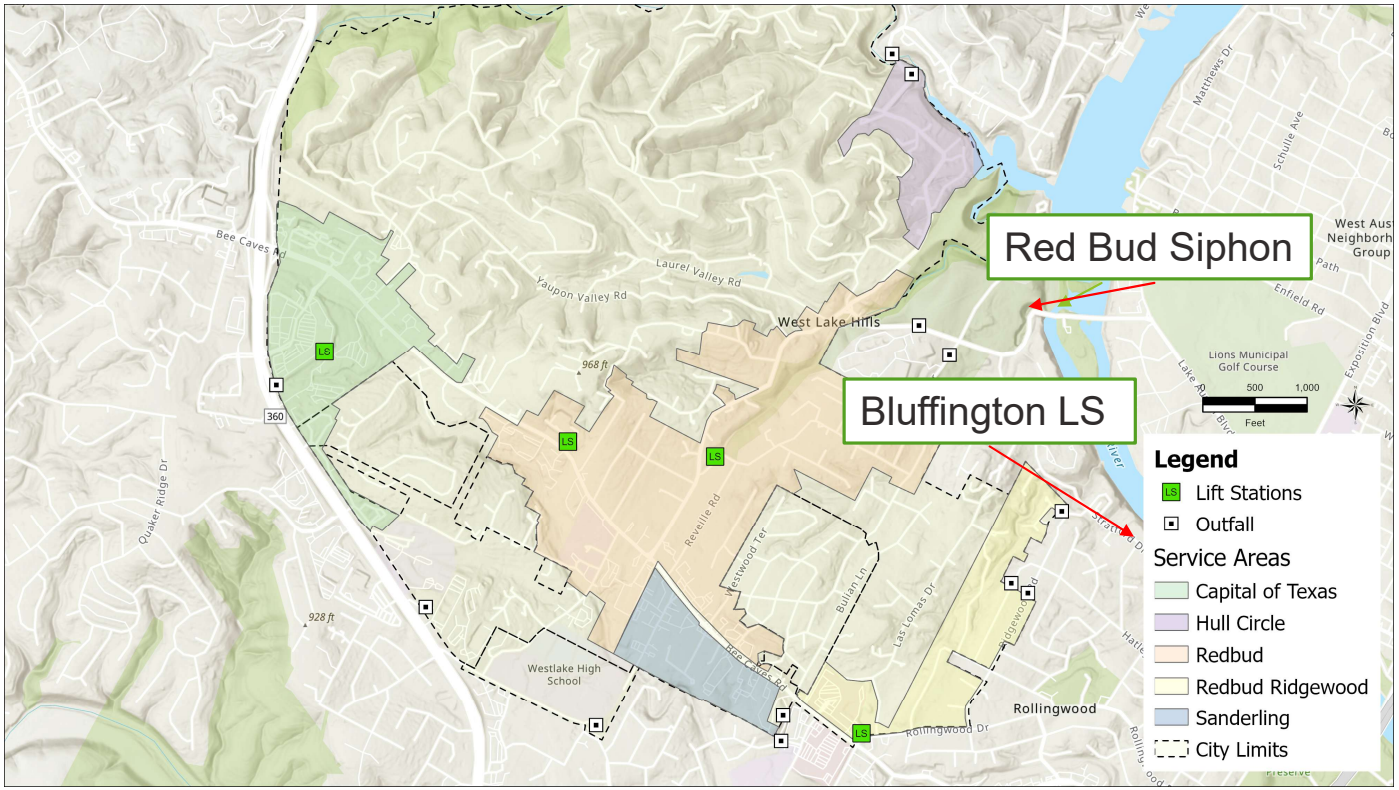
1. Call the 24-hour service number **(512) 246-1400** for immediate assistance
2. Refrain from using or discharging water until the issue is fixed
3. Don't ignore the alarm - it indicates a problem that needs immediate attention

KEY REMINDERS

- ☐ Always call (512) 246-1400 for service of the grinder pump system - never hire private plumbers, as unauthorized repairs violate City Code 18.03.105 and will result in fines
- ☐ Negligence is the user's responsibility - unauthorized work or misuse of the grinder pump system means the user pays 100% of the repair or replacement costs
- ☐ Ensure breakers remain ON – Prevent contractors from accidentally turning off your pump
- ☐ When in doubt, throw it out - If it is not human waste or toilet paper, it goes in the trash
- ☐ Save the number - Keep 24-hour On-Call Service in your phone: (512) 246-1400

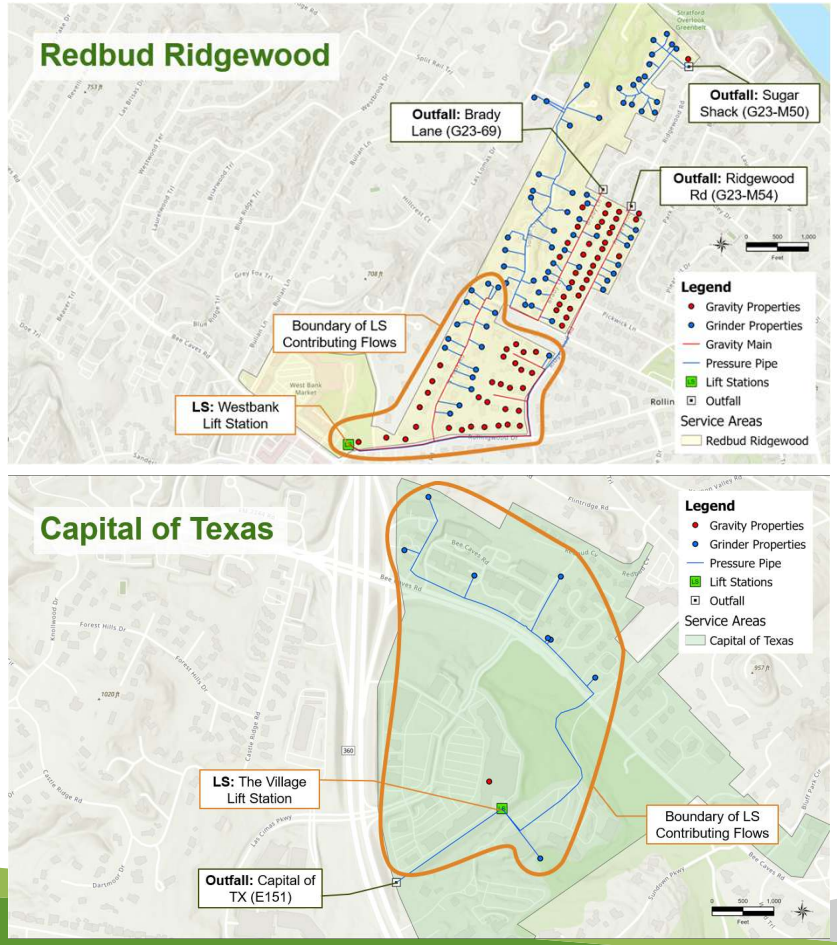
Steps Towards Solutions

- ✓ Potential points of connection to increase future flows
  - ✓ AWU Redbud siphon system
  - ✓ AWU Bluffington LS system through Rollingwood
  - ✓ New pipelines to convey flows



Steps Towards Solutions

- ✓ Alternative capacity potential solutions
  - ✓ Existing system flow conservation; low flow fixtures
  - ✓ I&I identification and remediation
    - ✓ System testing and inspection to identify potential sources
    - ✓ Rehabilitate/Repair/Replace identified I&I sources



Steps Towards Solutions

- ✓ Alternative capacity potential solutions
  - ✓ Existing system flow storage
  - ✓ Peak flow retention
  - ✓ Expanded onsite storage
  - ✓ Pumped release after hours
  - ✓ Wet weather containment and release when flows subside


Westbank LS


Village LS


Rocky River LS

Questions?

Leigh Thomas, PE
Leigh.Thomas@hrgreen.com

Jenny Davila, PE
Jenny.Davila@hrgreen.com

City *of* West Lake Hills
City Council

AGENDA REPORT

Meeting Date:	November 5, 2025	**Item Number:**	5
Department:	Administration		
Prepared By:	Trey Fletcher	**Cost / Budget:**	n/a
Exhibits:	Presentation	**Source of Funds:**	n/a

Subject

Discussion regarding gateway signage.

Recommendation

Discuss only. No action is being taken.

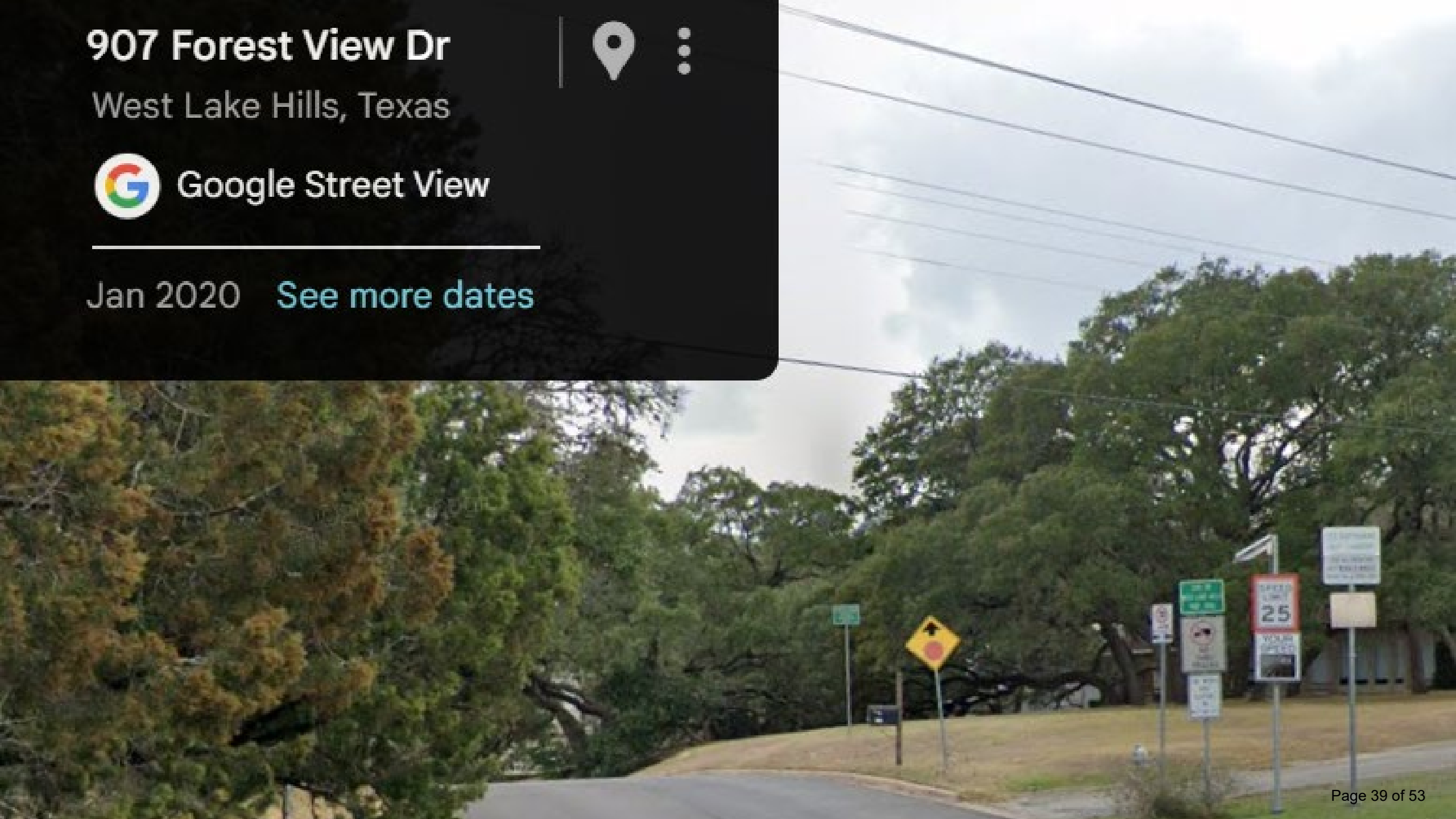
Discussion

Gateways into the city are important considerations. Exclusive of gateways on Bee Cave Road from 360 or MoPac, other gateways are consumed with a variety of messages when entering the city limits. These signs are intended to inform drivers that they have entered the city limits of West Lake Hills but also convey many messages, rules, and expectations about the community. There are also missed opportunities at each of these locations that could be considered.

Gateways into the city offer opportunities to remove sign clutter and enrich opportunities to incorporate wayfinding to establish our brand, unify our identity, and distinguish the City of West Lake Hills from the broader Westlake area in a positive way.

Removing signs from gateways to the city should be considered. Alternate means of communication of these messages can be developed as needed. For maintained signs, enhancements may be considered as well.

Gateways into the City of West Lake Hills


907 Forest View Dr
West Lake Hills, Texas
Google Street View
Jan 2020
See more dates
25

Section 2A.04 Excessive Use of Signs

- *Guidance:*

01 ***Regulatory and warning signs should be used conservatively because these signs, if used to excess, tend to lose their effectiveness.*** *If used, route signs and directional guide signs should be used frequently because their use promotes efficient operations by keeping road users informed of their location.*

Sign Inventory

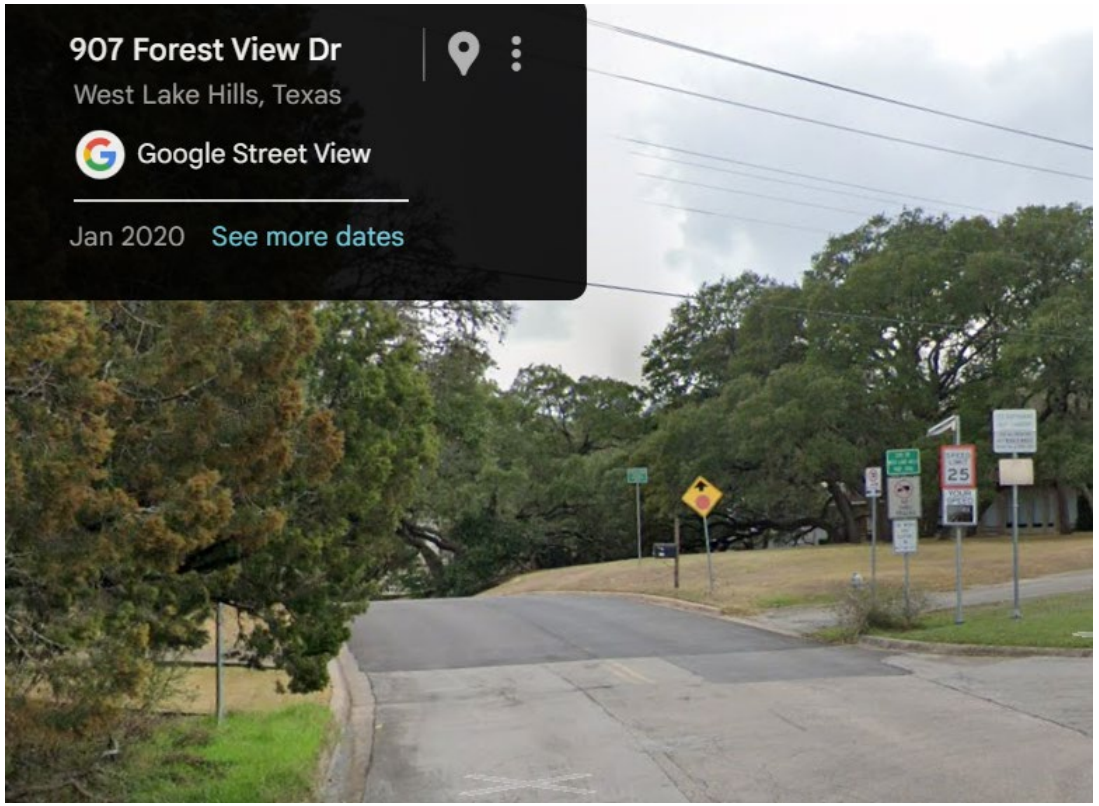
Section 2A.05 Classification of Signs

- Standard:

01 Signs shall be defined by their function as follows:

- A. **Regulatory signs** give notice of traffic laws or regulations.
- B. **Warning signs** give notice of a situation that might not be readily apparent.
- C. **Guide signs** show route designations, destinations, directions, distances, services, points of interest, and other geographical, recreational, or cultural information.

Sign Inventory

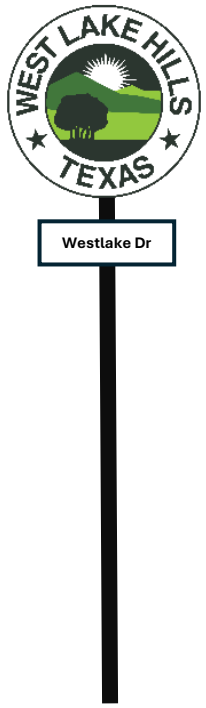


- Oak Wilt w/ seasonal flip
- Unknown and verify
- Speed limit with dynamic sign
- City limit and population
- No Thru Trucks
- Fireworks are banned
- No parking (away from city)
- Stop ahead
- Edwards Aquifer Recharge Zone

Recommendations

- Relocate further south
- Remove/TBD
- No changes
- **Update, remove population**
- Replace
- Remove
- Remove
- Relocate further south
- **Relocate, conform to maps**
- Oak Wilt w/ seasonal flip
- Unknown and verify
- Speed limit with dynamic sign
- **City limit and population**
- No Thru Trucks
- Fireworks are banned
- No parking (away from city)
- Stop ahead
- **Edwards Aquifer Recharge Zone**

Recommendations



- Oak Wilt w/ seasonal flip
- Unknown and verify
- Speed limit with dynamic sign
- **City limit and population**
- No Thru Trucks
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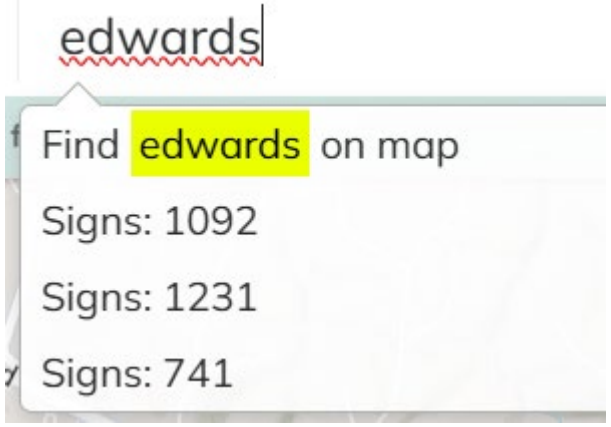
- Stop ahead
- Edwards Aquifer Recharge Zone

Recommendations

- Context: TxDOT installed ENTERING EDWARDS AQUIFER RECHARGE AREA signs at or near each entrance to each highway over the recharge zone on Loop 1 (MoPac South) and US 290/SH 71. The signs were to inform drivers and members from the public that they are over the recharge zone of the Edwards Aquifer and that the area is environmentally sensitive.

- Remove sign



- Oak Wilt w/ seasonal flip
- Unknown and verify
- Speed limit with dynamic sign
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- Stop ahead
- **Edwards Aquifer Recharge Zone**

Westlake Drive from Travis County

Westbank Drive from Travis County

Sign Inventory

- Remove / replace with logo
- Remove
- Remove
- Refresh as needed
- Remove
- Remove
- *Request “County Maintenance Begins” sign in opposite direction
- City Limits / Population
- County Maintenance Ends*
- Fire Risk High
- Speed Limit
- No Thru Trucks
- Fireworks are illegal in WLH

Camp Craft Rd from Travis County

- Roadway Subject to Flooding
- Speed Limit
- City Limit
- Edwards Aquifer Recharge
- Fire Risk High…
- No Parking Any Time
- No Through Trucks
- Fireworks are Illegal in WLH

Consistency

Gateways into the City of West Lake Hills