

# Waller Creek Tunnel

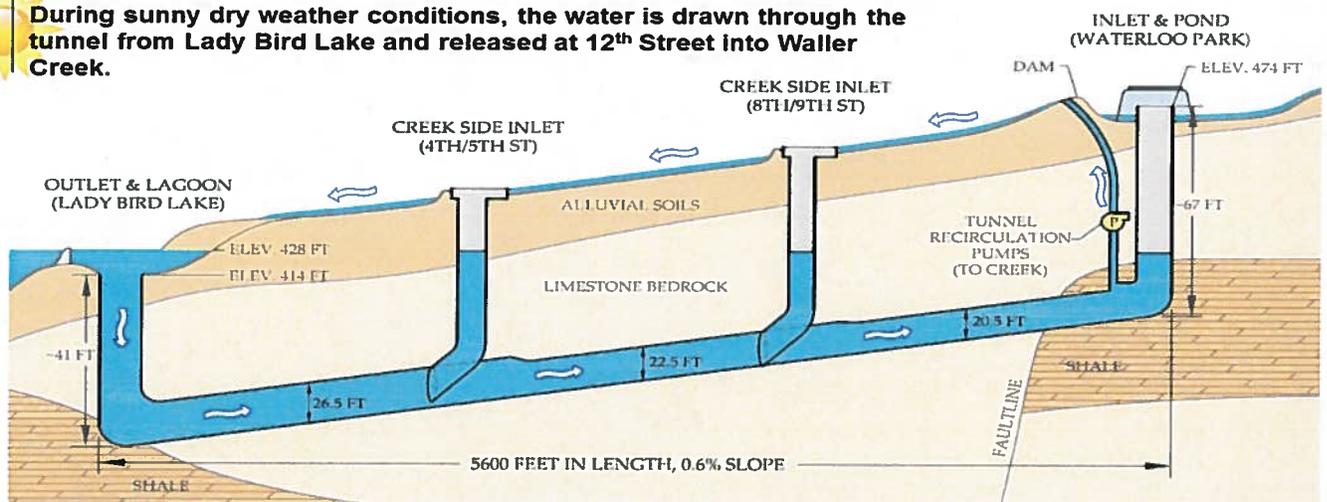
## Flow Regime Profile

### Tunnel Facts:

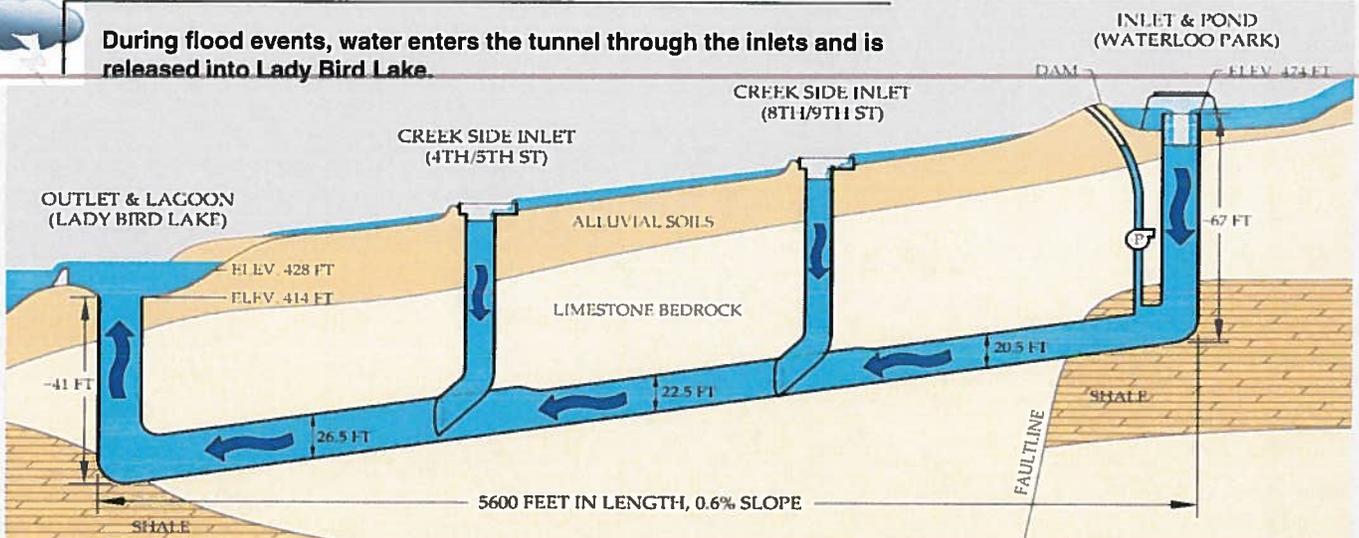
- Diverts over 8,000 CFS of floodwaters
- 70ft Below Ground
- Up to 26ft in Diameter
- Removes 28 Acres from the floodplain
- Will provide constant flow in lower Waller Creek



During sunny dry weather conditions, the water is drawn through the tunnel from Lady Bird Lake and released at 12<sup>th</sup> Street into Waller Creek.



During flood events, water enters the tunnel through the inlets and is released into Lady Bird Lake.



# Facility Details

- Waterloo Inlet (500 E 12<sup>th</sup> St Austin, TX 78701)
  - Working Deck Elev. 486
  - Debris Channel Elev. 424
  - Lower Wet Well Elev. 418
  - Morning Glory Spillway 474
  - Tunnel Shaft 20'
  - Tunnel Invert Elev. 406
  - Shaft WSE 428
- 8<sup>th</sup> Street Creek Side Inlet (701 E 9<sup>th</sup> St. Austin, TX 78701)
  - Top of Debris Chamber Elev. 466.5
  - Floor of Debris Chamber Elev. 443.1
  - Tunnel Shaft 17'
  - Shaft WSE 428
- 4<sup>th</sup> Street Creek Side Inlet (714 E 4<sup>th</sup> St. Austin, TX 78701)
  - Top of Debris Chamber Elev. 464.5
  - Floor of Debris Chamber Elev. 432.29
  - Tunnel Shaft 17'
  - Shaft WSE 428
- ~~Waller Creek Tunnel Outlet (74 Trinity St. Austin, TX 78701)~~
  - Tunnel Invert Elevation 373'
  - Lagoon Floor Elevation 414"
  - Normal Ladybird Lake Water Surface Elevation 428'
  - Tunnel Outlet Diameter 40'