

Waller Creek Tunnel Update

Construction Status

February 27, 2012



Tunnel Project Scope

➤ Tunnel Dimensions

- Approximately 5,600 feet in length
- Average diameter of 24 feet
- 60-70 feet underground

➤ Surface Structures

- Inlet at Waterloo Park
- Two Creek Side Tunnel Inlets
- Outlet at Lady Bird Lake

➤ Surface Amenities

- Waterloo Park Restoration
- Public Restrooms
- New Boat House
- New Bridge on Lady Bird Lake

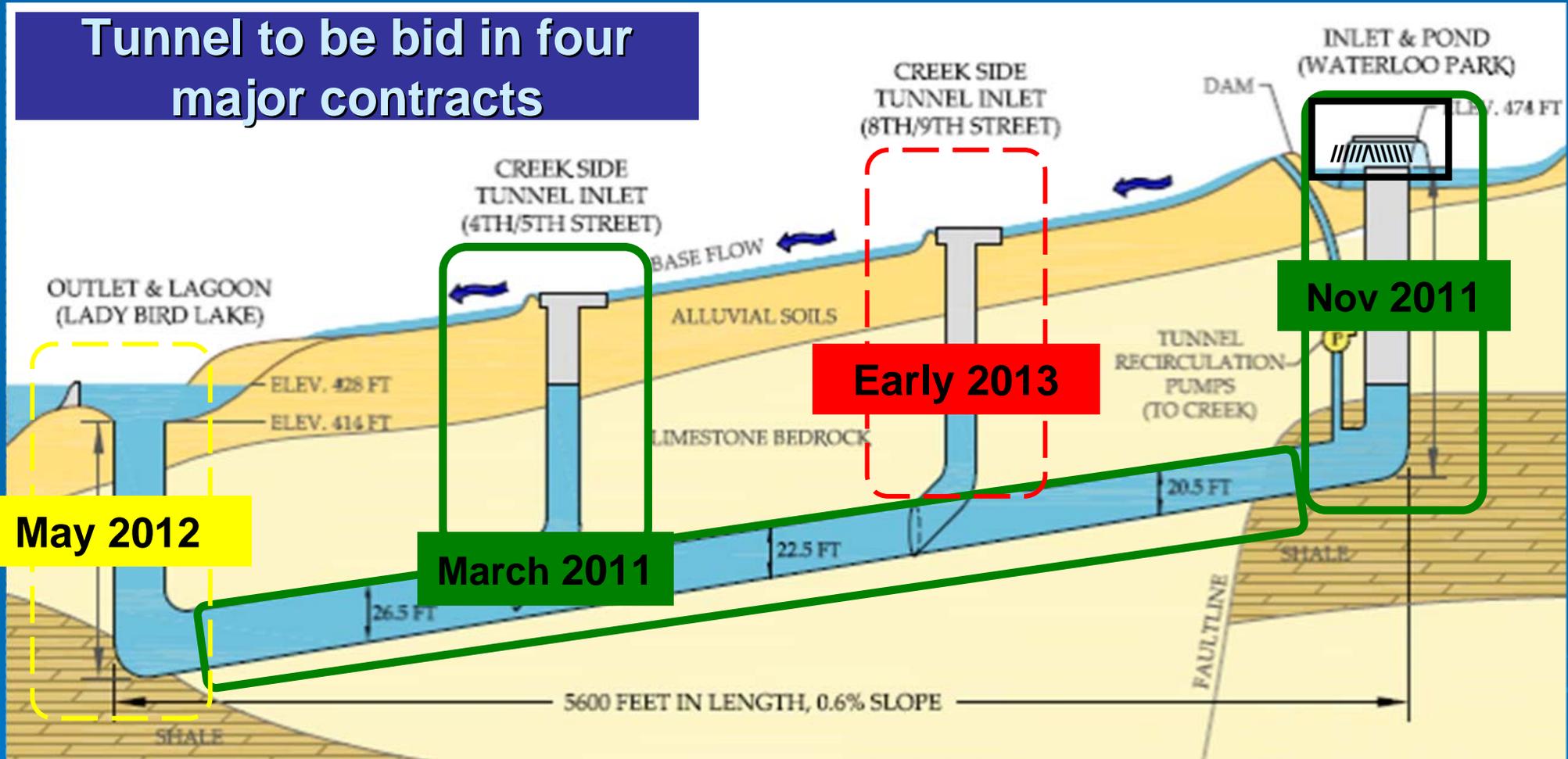


Project Benefits

- Reduced flood threat to public safety
- Reduction of the 100-year floodplain
 - Over 1,000,000 square feet of land reclaimed
 - 42 commercial and residential structures protected
 - 12 roadways protected
- Improved Riparian Corridor
 - Less severe stream erosion and degradation
 - Less trash and debris
 - Reliable baseflow in creek year-round.
- Protects existing and future improvements along the creek (restored streambanks, hike/bike trails)

Major Tunnel Contract Construction Starts

Tunnel to be bid in four major contracts



Two Parkland Mitigation Contracts:
Lady Bird Lake Trail Bridge over Waller Creek
PARD Boat Facility

Lady Bird Lake Trail Bridge

Construction Status

- Construction complete
- Landscaping stressed due to drought

Action Items

- Monitoring warranty



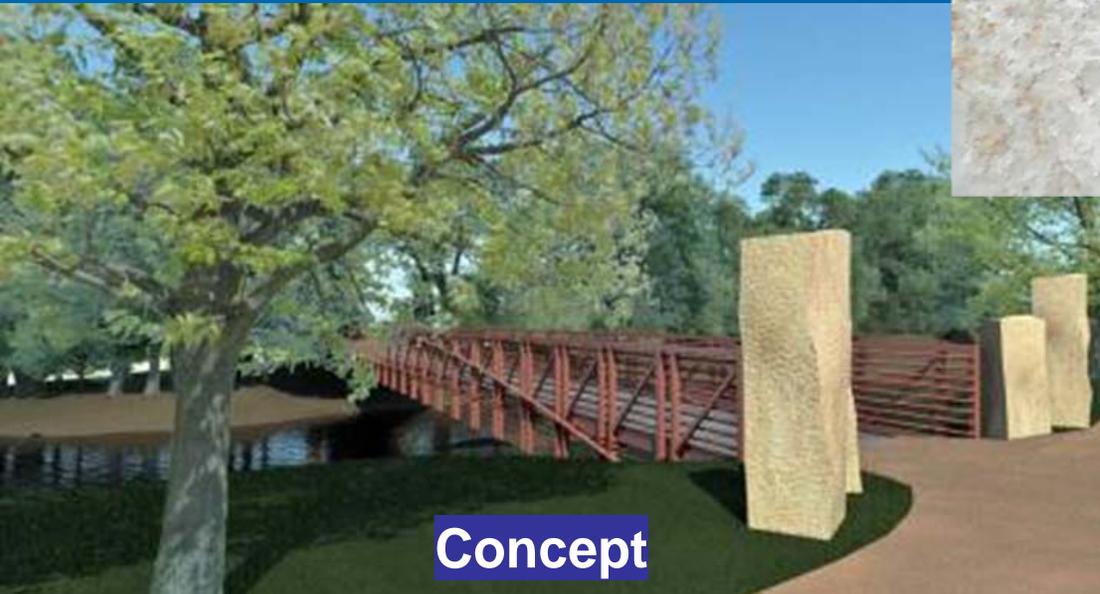
Lady Bird Lake Trail Bridge



Old Bridge



New Bridge !!



Concept

PARD Boat Facility

Construction Status

- Nearing completion
- Interior finishes
- Punchlist items

Action Items

- Prepare for acceptance
- Landscaping
- Contract close-out
- Tenant move-in
- Remaining office building demolition



PARD Boat Facility Nearing Completion



Main Tunnel Project

Construction Status

- Shaft being lowered
- Site support complete
- Both roadheaders in tunnel
- North heading under construction
- Lateral bench being removed

Action Items

- Mining



Main Tunnel Project



Mining Operations near
4th Street



02/08/2012 08:44



01/31/2012 16:01



Roadheader

Main Tunnel Project



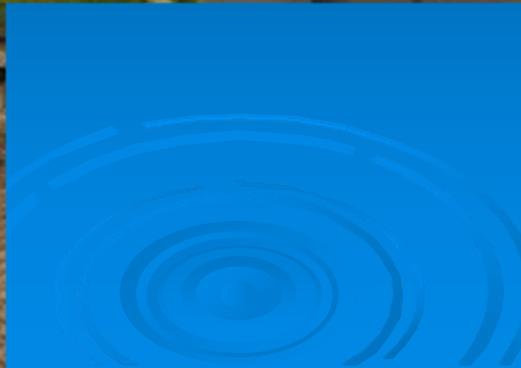
Tunnel Inlet Facility

Construction Status

- Park closed for construction
- Monuments removed
- Erosion controls in place
- Tree protection fencing

Action Items

- Wastewater line relocation
- Set up field offices
- Site preparation
- Excavation/grading



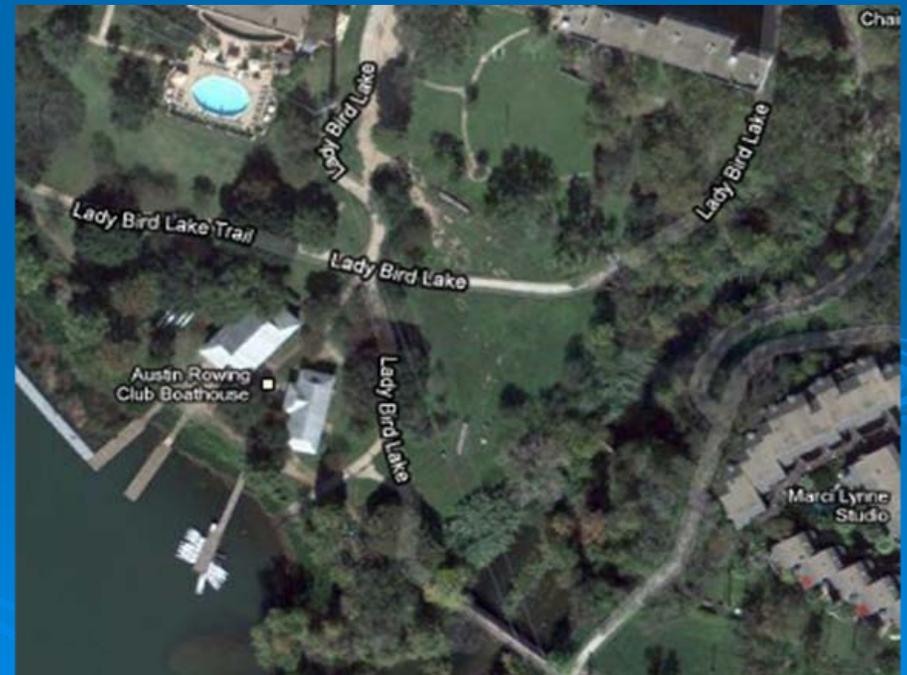
Tunnel Outlet Facility

Construction Status

- Advertised
- 7 Primes at pre-bid mtg
- 4 Bids submitted
- Bids opened Feb 23rd

Action Items

- Bids under review
- Contract to Council in April/May
- Execute contract



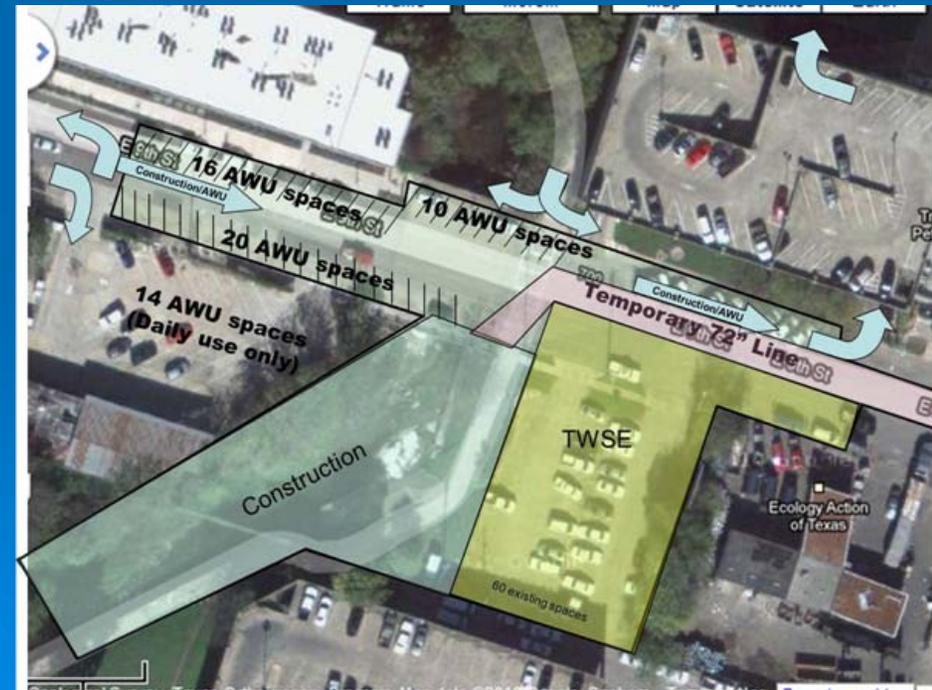
8th Street Creek Side Inlet Facility

Construction Status

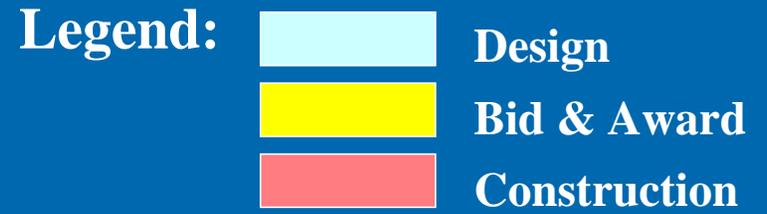
- Designed/permitted
- Construction pending
- Scheduled for early 2013

Action Items

- Reviewing minor design items before bid



Schedule Status



Summary

Complete

- Pedestrian Bridge

Construction

- PARD Boat Facility
- Main Tunnel
- Inlet at Waterloo

Bid/Award

- Outlet Structure bids under review
- Council award in April/May

Designed/Permitted

- 8th Street Creekside Inlet

