



# City of Austin Water Reclamation Initiative

Main to Junction 420 (Downtown Area)  
Reclaimed Water Project  
Project ID [5267.046]

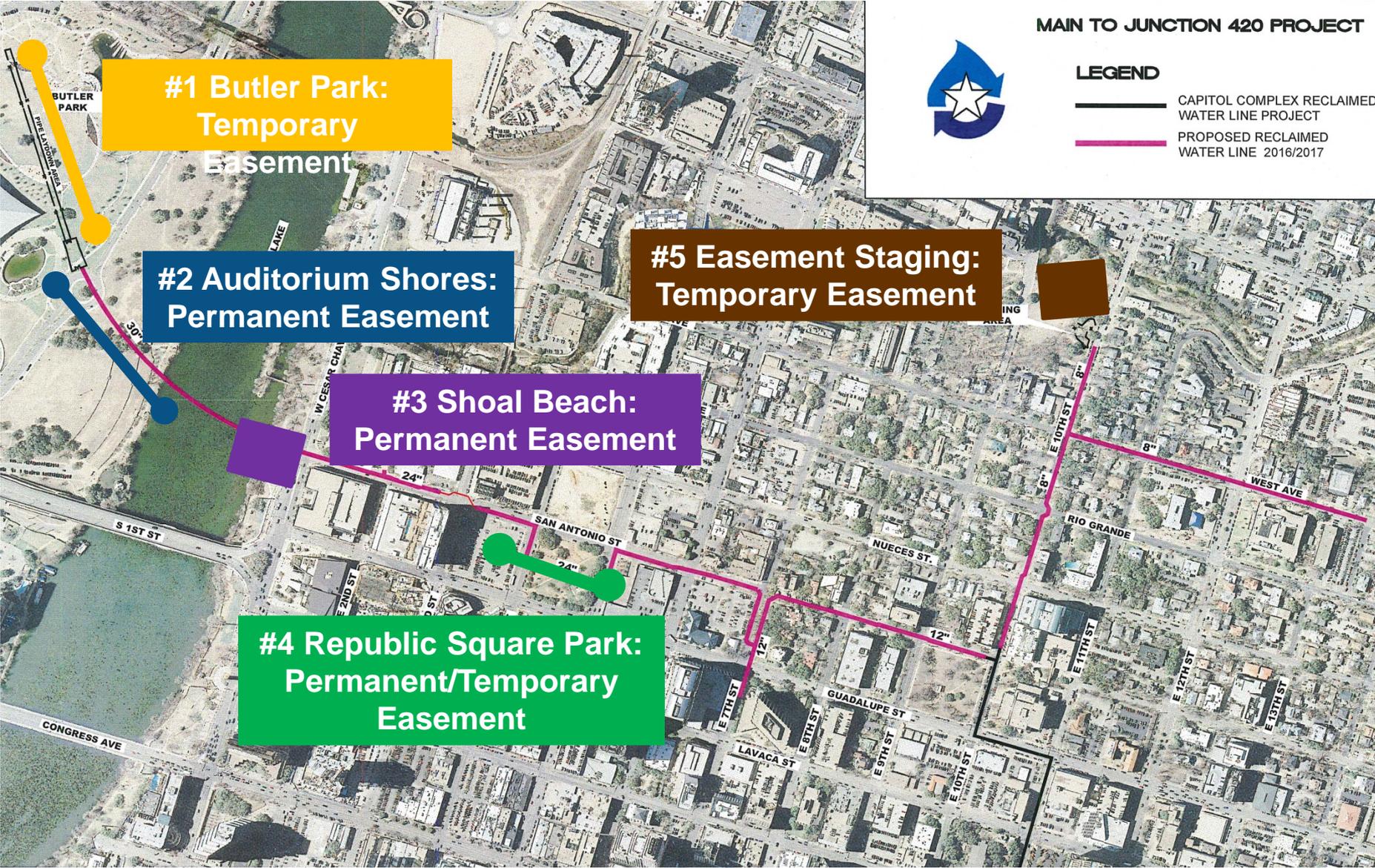


Austin Water

Public Works

Parks and Recreation  
Board Meeting  
December 8, 2015

# Project Areas



## MAIN TO JUNCTION 420 PROJECT



### LEGEND

-  CAPITOL COMPLEX RECLAIMED WATER LINE PROJECT
-  PROPOSED RECLAIMED WATER LINE 2016/2017

**#1 Butler Park:  
Temporary  
Easement**

**#2 Auditorium Shores:  
Permanent Easement**

**#3 Shoal Beach:  
Permanent Easement**

**#4 Republic Square Park:  
Permanent/Temporary  
Easement**

**#5 Easement Staging:  
Temporary Easement**

# **Butler Metro Park Temporary Easement**

**Project ID [5267.046]**

# Butler Park Temporary Easement

## TEMPORARY STAGING AREA



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### LEGEND



TEMPORARY WORKSPACE EASEMENT



**RPS**  
A GEOSYSTEMS COMPANY  
4801 East Sunset Parkway, Suite 150  
Austin, Texas 78759 (512) 252-9600  
TWP:04-003

CITY OF AUSTIN  
TEMPORARY USE OF PARKLAND FOR CIP 5267.034  
PROPOSED TEMPORARY WORKSPACE EASEMENT

SHEET REF. NO.  
**EXHIBIT-A**

# Butler Park Temporary Easement

## EXISTING SITE



# Butler Park Temporary Easement

## PROJECT DETAILS

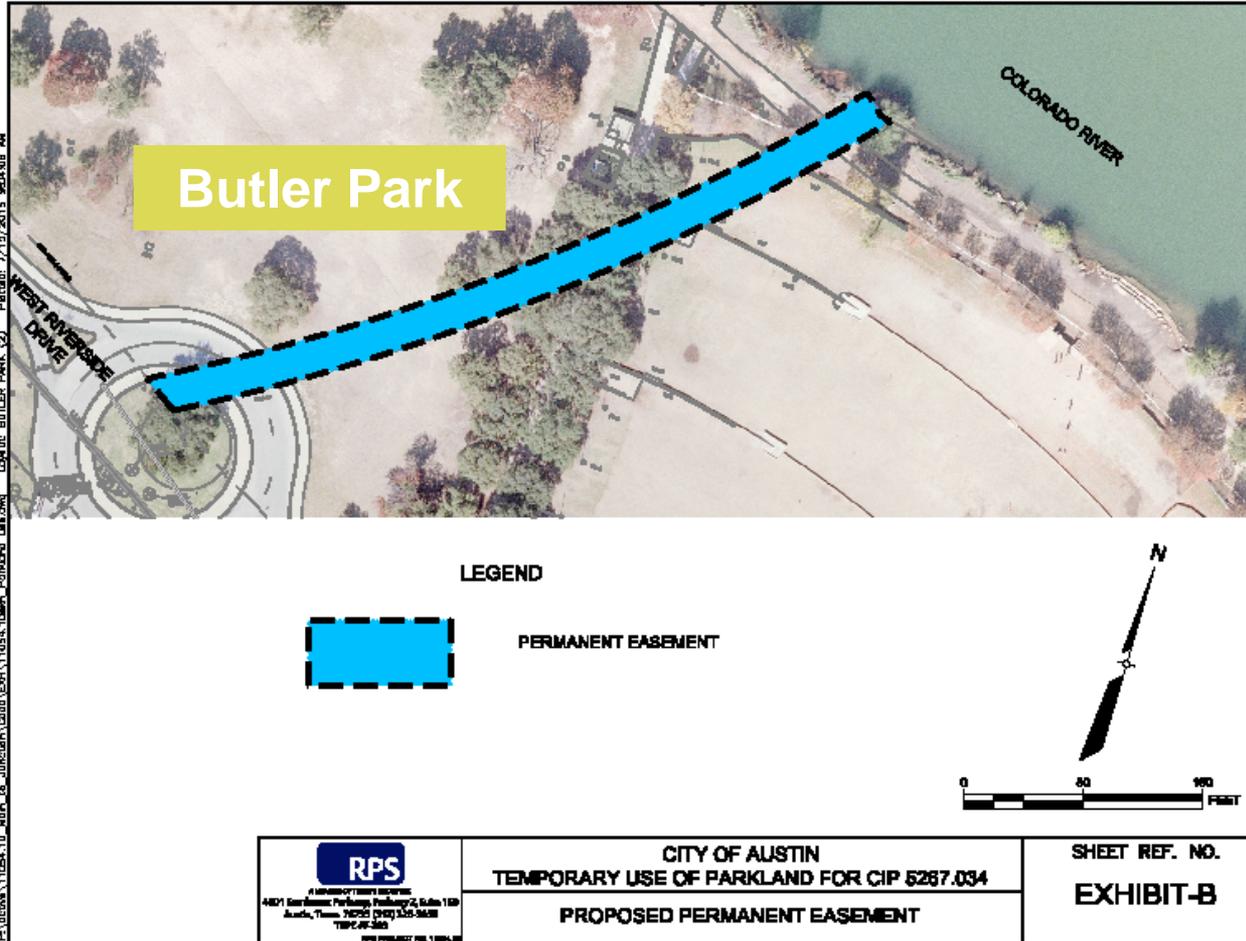
- Request Approval for temporary use for a duration of 45 days.
- Tree protection will be in place during construction.
- Park access will be obstructed in the fenced 28,895 square foot laydown staging area to be used for Horizontal Directional Drilling (HDD).
- This area is needed to set up and drill, and assemble two strings of pipe and pull.
- Land to be restored to existing condition or better.

# **Auditorium Shores at Town Lake Permanent Easement**

**Project ID [5267.046]**

# Auditorium Shores Permanent Easement

## PERMANENT EASEMENT



## PROJECT DETAILS

- Request Approval for permanent use for a 30-inch DR-9 HDPE Pipe that will be subterranean (deep underground).
- Tree protection will not be necessary; no trees in this area and there will be no disturbance of the surface.

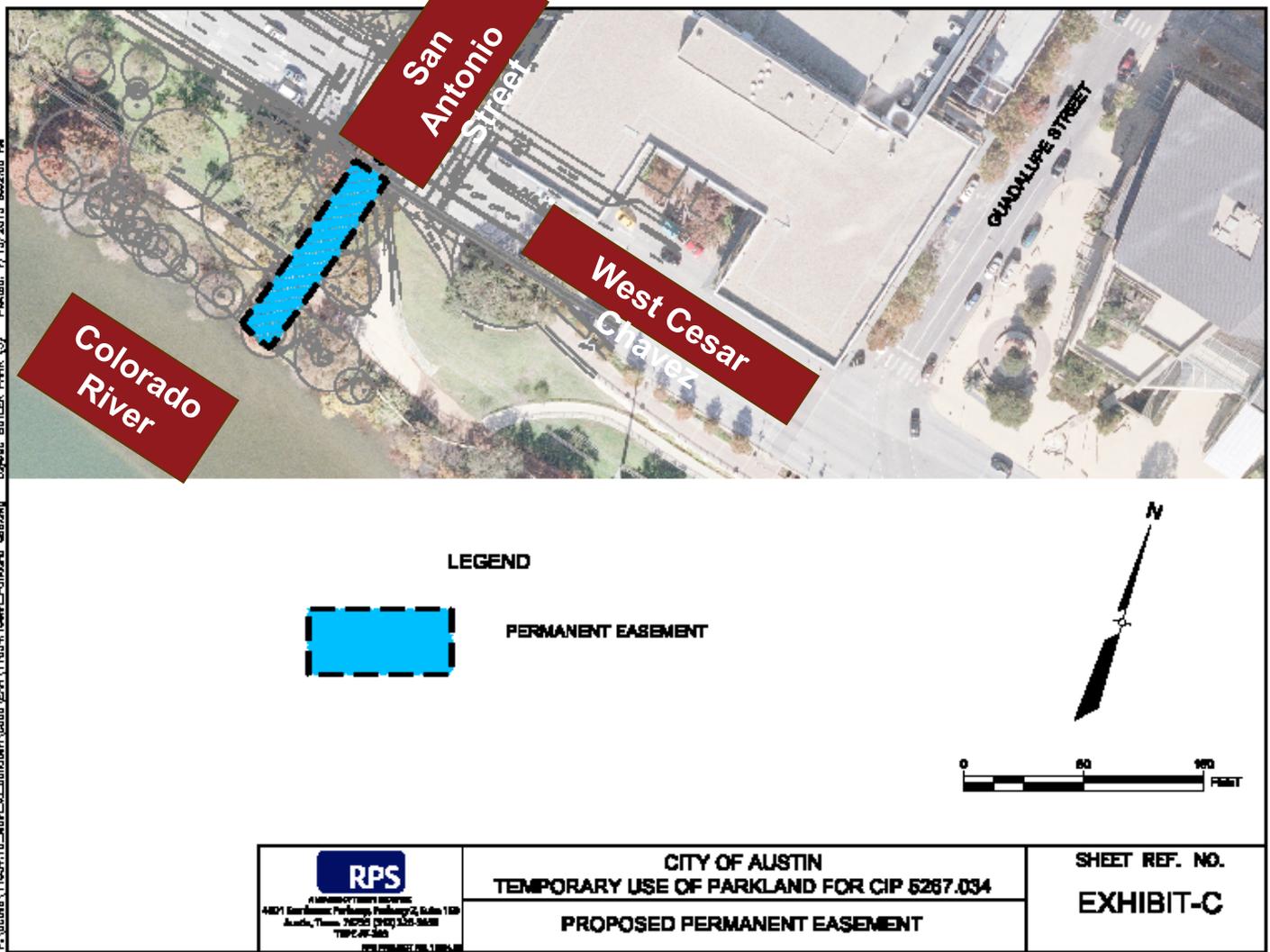


# **Shoal Beach at Town Lake Park Permanent Easement**

**Project ID [5267.046]**

# Shoal Beach Permanent Easement

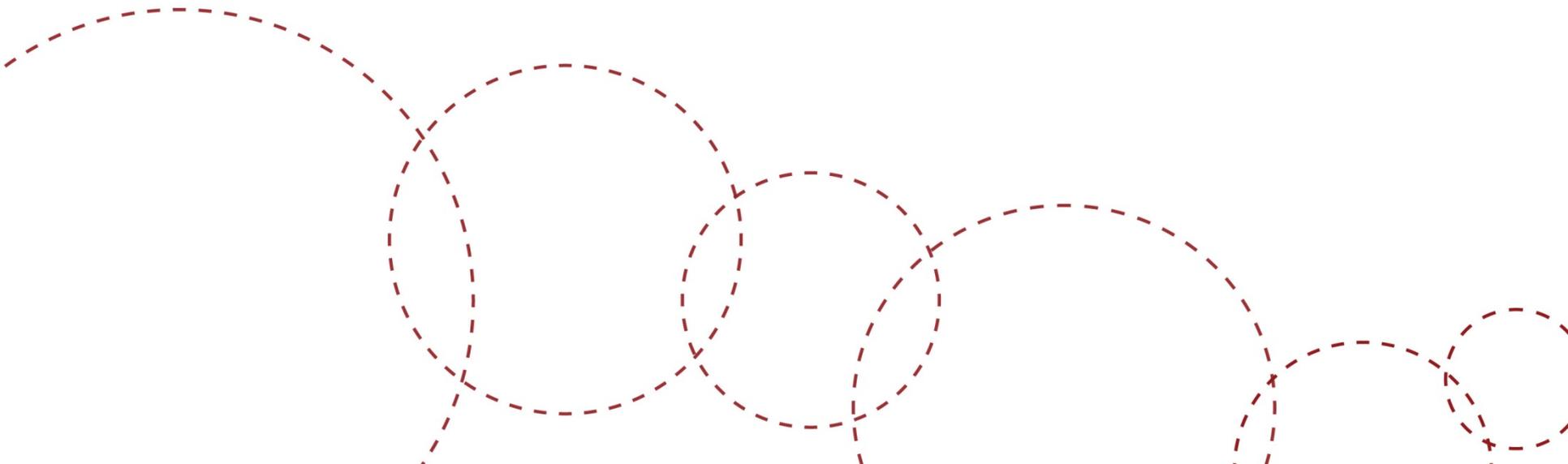
## PERMANENT EASEMENT



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## PROJECT DETAILS

- Request Approval for permanent use for a 30-inch DR-9 HDPE Pipe.
- Tree protection will not be required because there will be no disturbance of the surface.
- This area is needed for permanent pipe alignment.

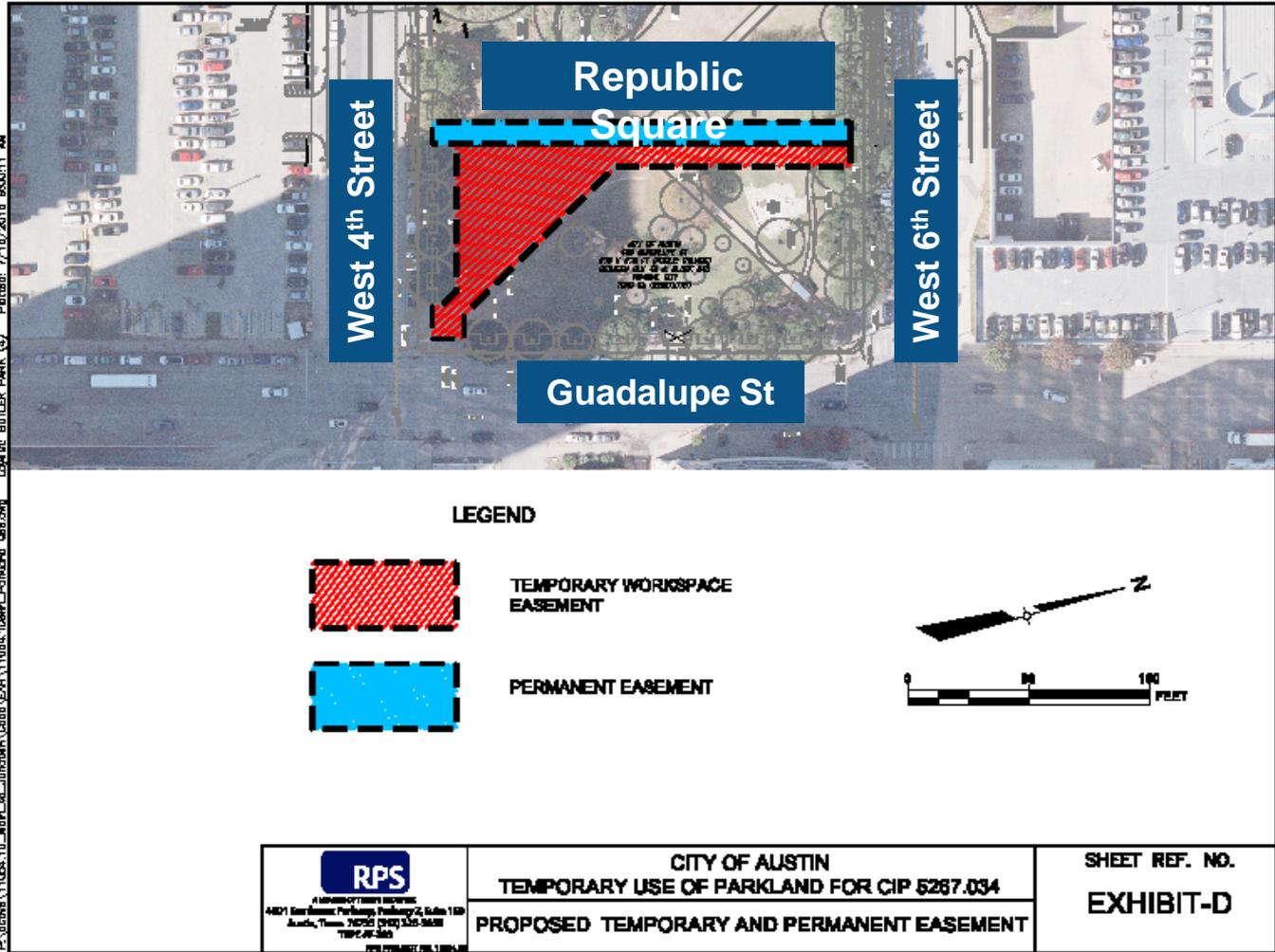


# **Republic Square Park Easements**

**Project ID [5267.046]**

# Republic Square Easements

## TEMPORARY/PERMANENT EASEMENTS



## TEMPORARY EASEMENT

- Request Approval for temporary use for a duration of 45 days.
- Tree protection will be in place during construction.
- Park access will be obstructed by PARD performing the park renovation. The 9,941 square foot laydown staging area will be in the PARD construction area behind the PARD fence.
- This area was selected as the last option to use because of all the utilities in the street and the restriction of the former San Antonio Street.

## PERMANENT EASEMENT

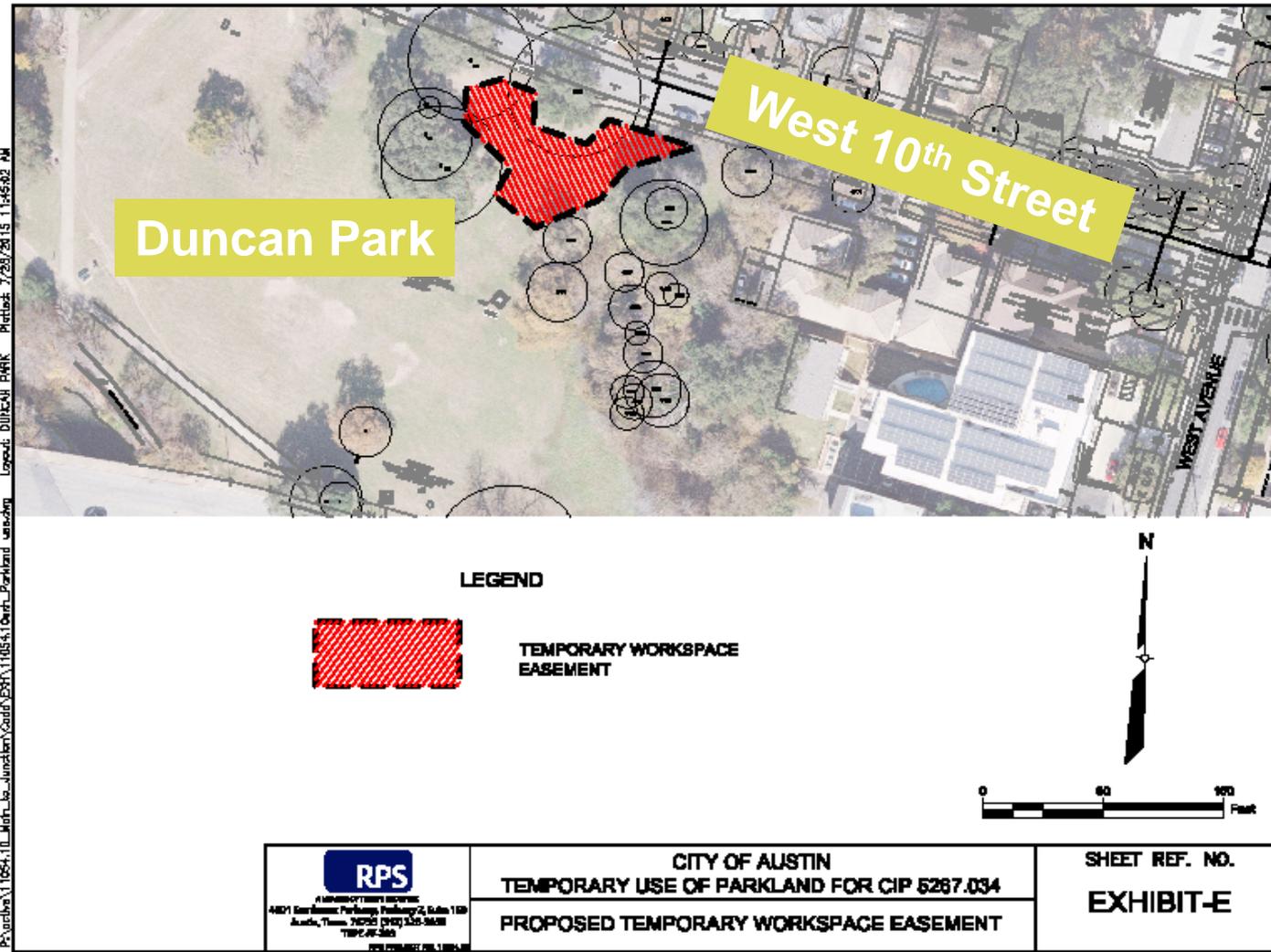
- Request Approval for a permanent easement for placement of a 24-inch Ductile Iron pipe in a 30-Inch Steel Encasement Pipe.
- Tree protection will be in place during construction.
- Park access will be obstructed in the fenced staging area, however the work will coincide with the reconstruction of the park by PARD.
- This area will be open cut where there are no trees. Trenchless methods will be utilized underneath trees along the alignment.

# **Duncan Park Temporary Easement**

**Project ID [5267.046]**

# Duncan Park Temporary Easement

## TEMPORARY EASEMENT



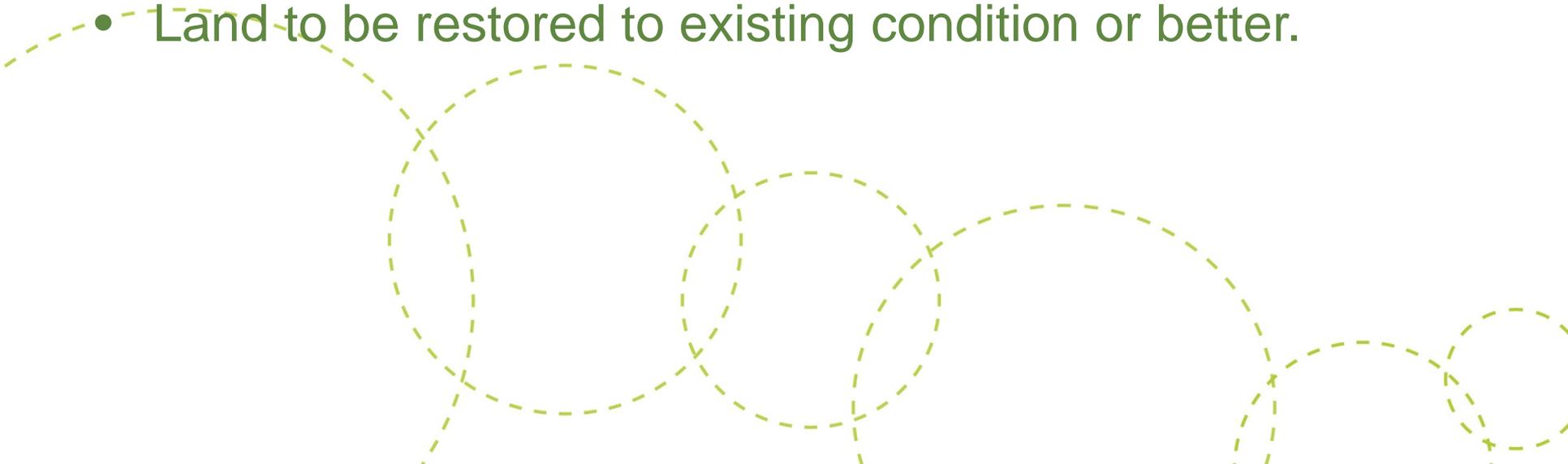
Ps:\ariba\11054\_10\_Lin\Lin\_Lin\_Annex\City\Cadd\DP\11054\_10\DP\_Parkland\_wss.dwg Layout: DUNCAN PARK Plot: 7/20/2015 11:45:02 AM

# Duncan Park Temporary Easement

## EXISTING SITE



## PROJECT DETAILS

- Request Approval for temporary use for a duration of 390 days.
  - Tree protection will be in place during construction.
  - Park access will be obstructed in the fenced 6,502 square foot laydown staging area to be used for construction materials.
  - Land to be restored to existing condition or better.
- 

# Pipe Fuser



# Pipe Fuser



# Heating Joint



# Fused Joint



# Project Contacts

## **Sponsor:**

Dan Pedersen, PE

Austin Water

512.972.0074

[Dan.Pedersen@austintexas.gov](mailto:Dan.Pedersen@austintexas.gov)

## **Project Manager:**

Paulinda Lanham, PMP

512-974-7974

[Paulinda.Lanham@austintexas.gov](mailto:Paulinda.Lanham@austintexas.gov)

# Questions?

# Thank you!



Austin Water



Public  
Works