

Request for Temporary Use of Shoal Creek Greenbelt
for
Austin Water Rehabilitation of Wastewater Lines through Trenchless Process EPA
SAAP Grant

This project has 2 work areas – Shoal Creek and Williamson Creek

The 48-inch diameter concrete wastewater installed in the early 1980s beneath the pavement of Shoal Creek Blvd. is deteriorating due to corrosion. 4,682 linear feet of pipe will be lined in Shoal Creek Blvd.

The construction method is called Cured-In-Place Pipe or CIPP. A liner will be installed in the existing pipe rather than digging up the pipe and removing and replacing the pipe and then repaving the street.

Total contract amount is \$4.3 million with Insituform Technologies. The US EPA will fund up to \$776,000.

The bypass piping system will consist of three 14-inch diameter pumps located in the street, outside of the Greenbelt. The discharge piping will be connected together and discharge through two, parallel 18-inch diameter polyethylene pipes. These pipes are intended to be routed along the bank of the creek and avoid placement down the street and block traffic. The bypass lines will carry an average daily flow of 3 million gallons.

The Shoal Creek area contract time is 120 calendar days.

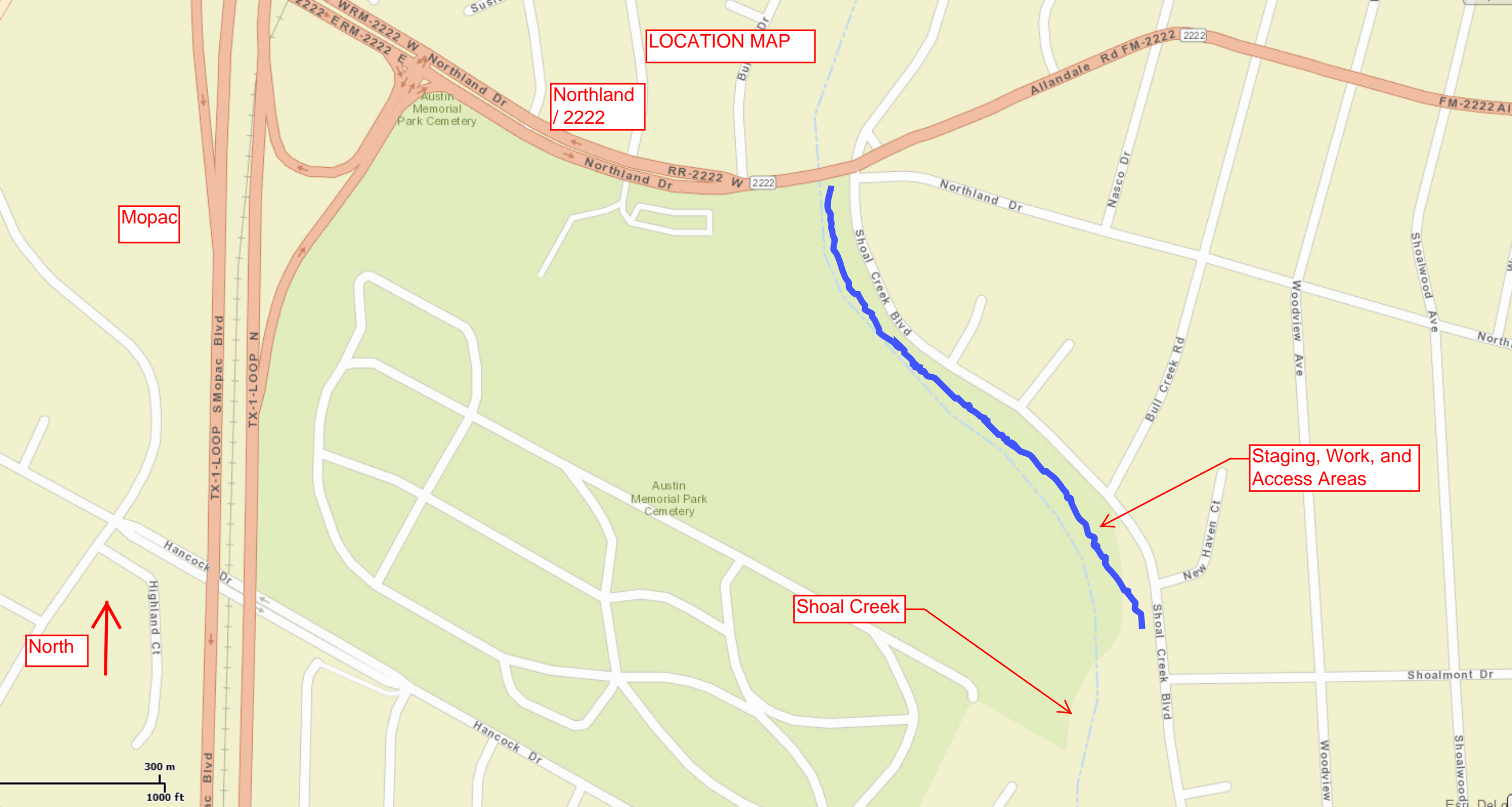
Anticipated schedule for use of the Greenbelt over a total of 12 weeks is:

April 13, 2015 begin installation of bypass piping system (3 weeks)

May 4, 2015 begin lining process (6 weeks)

June 15, 2015 begin removing bypass piping and restoration

End of usage by June 30, 2015



LOCATION MAP

Northland / 2222

Mopac

Staging, Work, and Access Areas

Shoal Creek

North

300 m
1000 ft

Wastewater Main Rehabilitation Project

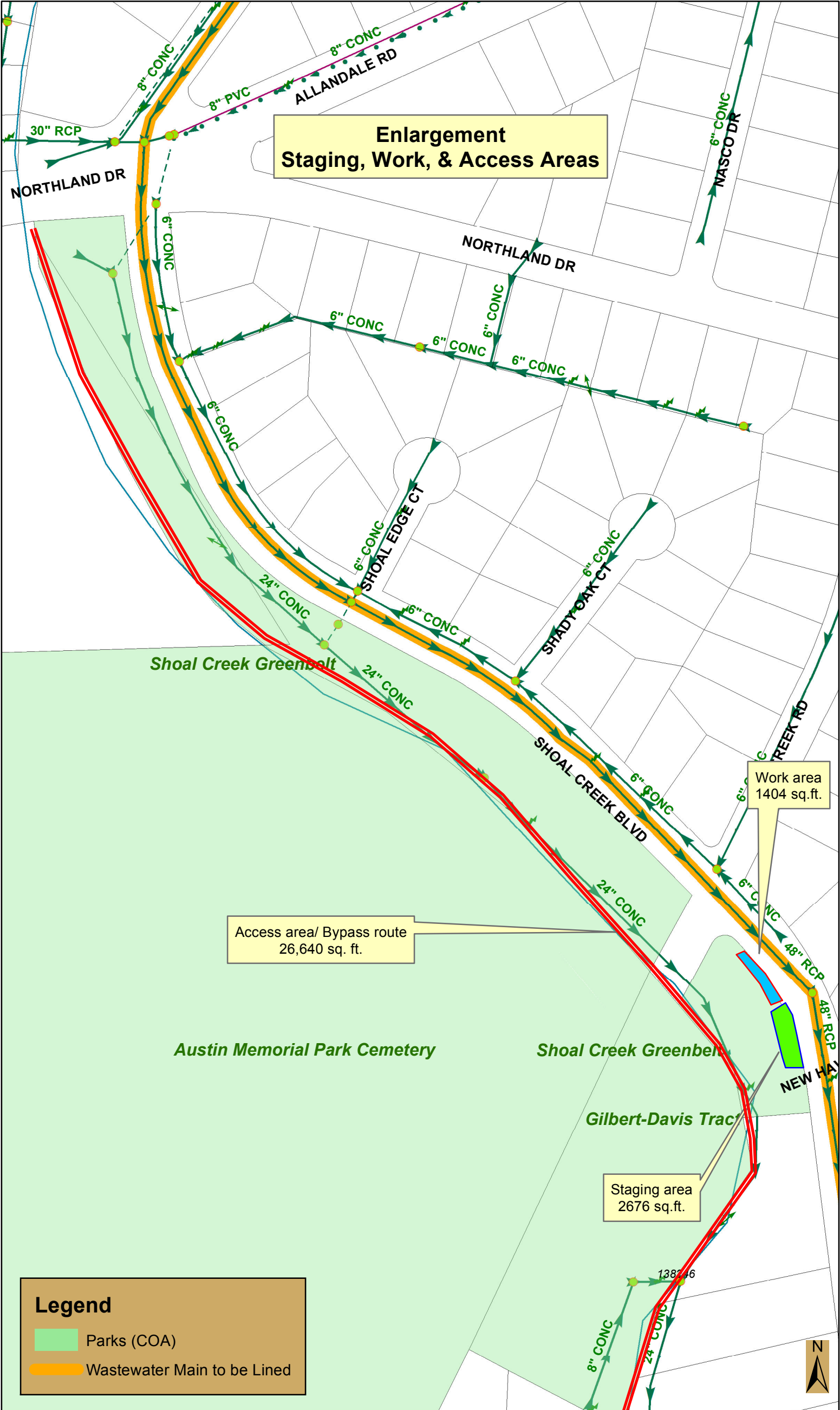
Access area/ Bypass route
26,640 sq. ft.

Staging/ Work area
See enlargement

Legend

- Parks (COA)
- Wastewater Main to be Lined





Enlargement
Staging, Work, & Access Areas

Work area
1404 sq. ft.

Access area/ Bypass route
26,640 sq. ft.

Staging area
2676 sq. ft.

Legend

- Parks (COA)
- Wastewater Main to be Lined





Aerial Enlargement
Staging, Work, & Access Areas

Access Area/ Bypass Route

Staging/ Work Area

Legend

Wastewater Main to be Lined









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Thank you for your consideration.