



Knox Chapman Utility District

November 22, 2023

Mr. Carson Dailey
Knox County Commission

Subject: Capital Improvement Plan for Simpson Road Sewer Improvements

Mr. Dailey,

The Knox Chapman Utility District has developed the Simpson Road Sewer Improvements project as part of its Capital Improvement Plan to address the anticipated growth in the area around Bower Field Community Park and Simpson Road.

The existing sewer service in the area has reached capacity and is unable to accommodate any further customers. The area around the park is expected to see steady growth in the coming years and will require upgrades to the existing system.

The proposed improvements include two pump stations and approximately 13,400 linear feet (LF) of force main. The new system will transport sewer across Chapman Hwy to the southwest along Highland View Road to a connection with an existing 8-inch force main.

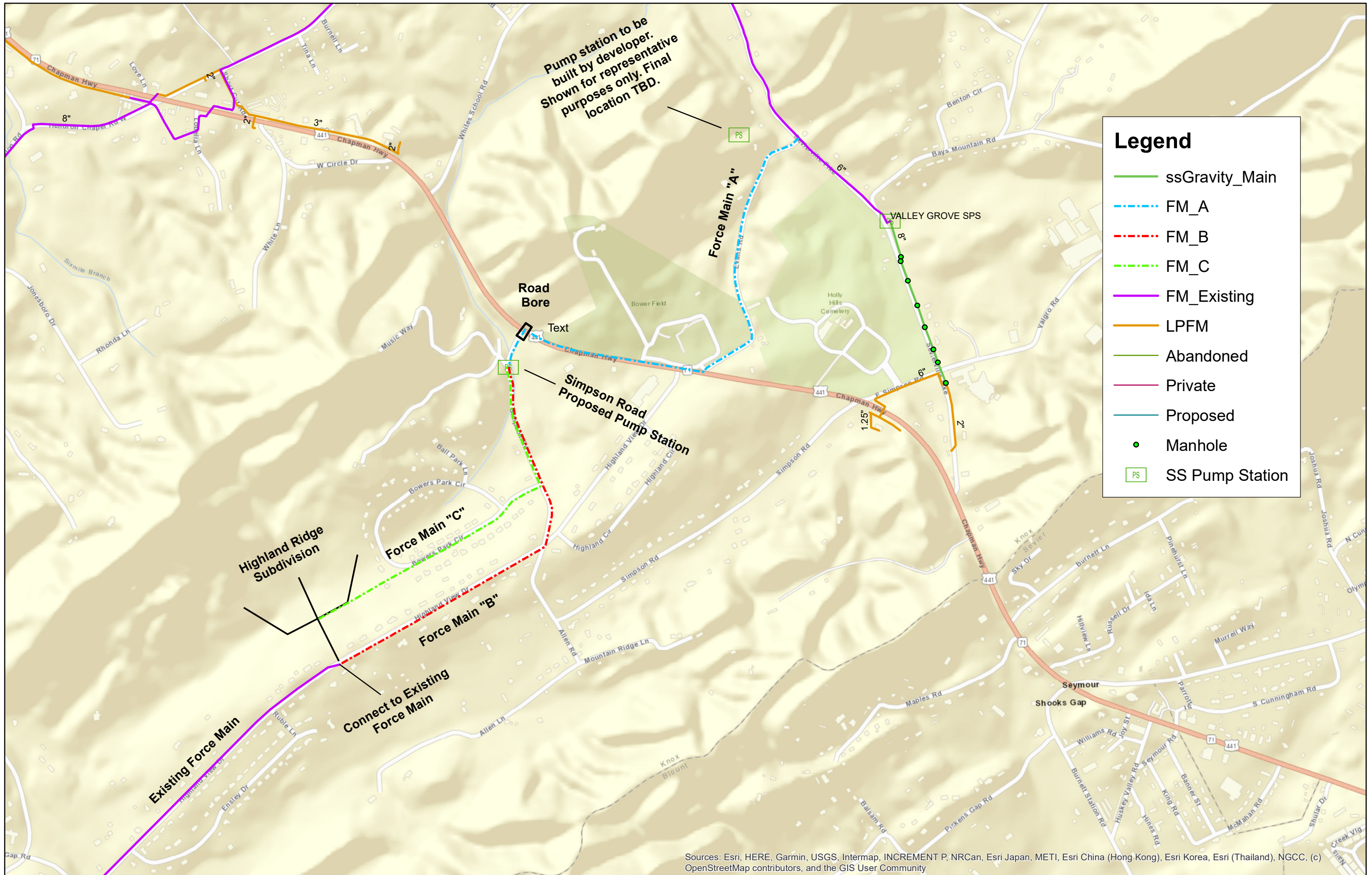
The attached map shows the proposed locations for the pump stations and force main, and the table below breaks down the length of each line.

Force Main A	5,200 LF
Force Main B	4,300 LF
Force Main C	3,900 LF

If you have any questions regarding this plan, please do not hesitate to contact me or Ryan Blake, P.E., with W.K. Dickson & Co. at rblake@wkdickson.com.

Sincerely,

Scott Prater
General Manager



Legend

- ssGravity_Main
- FM_A
- FM_B
- FM_C
- FM_Existing
- LPFM
- Abandoned
- Private
- Proposed
- Manhole
- PS SS Pump Station

Pump station to be built by developer. Shown for representative purposes only. Final location TBD.

Force Main "A"

Road Bore

Simpson Road Proposed Pump Station

Highland Ridge Subdivision

Force Main "C"

Force Main "B"

Existing Force Main

Connect to Existing Force Main