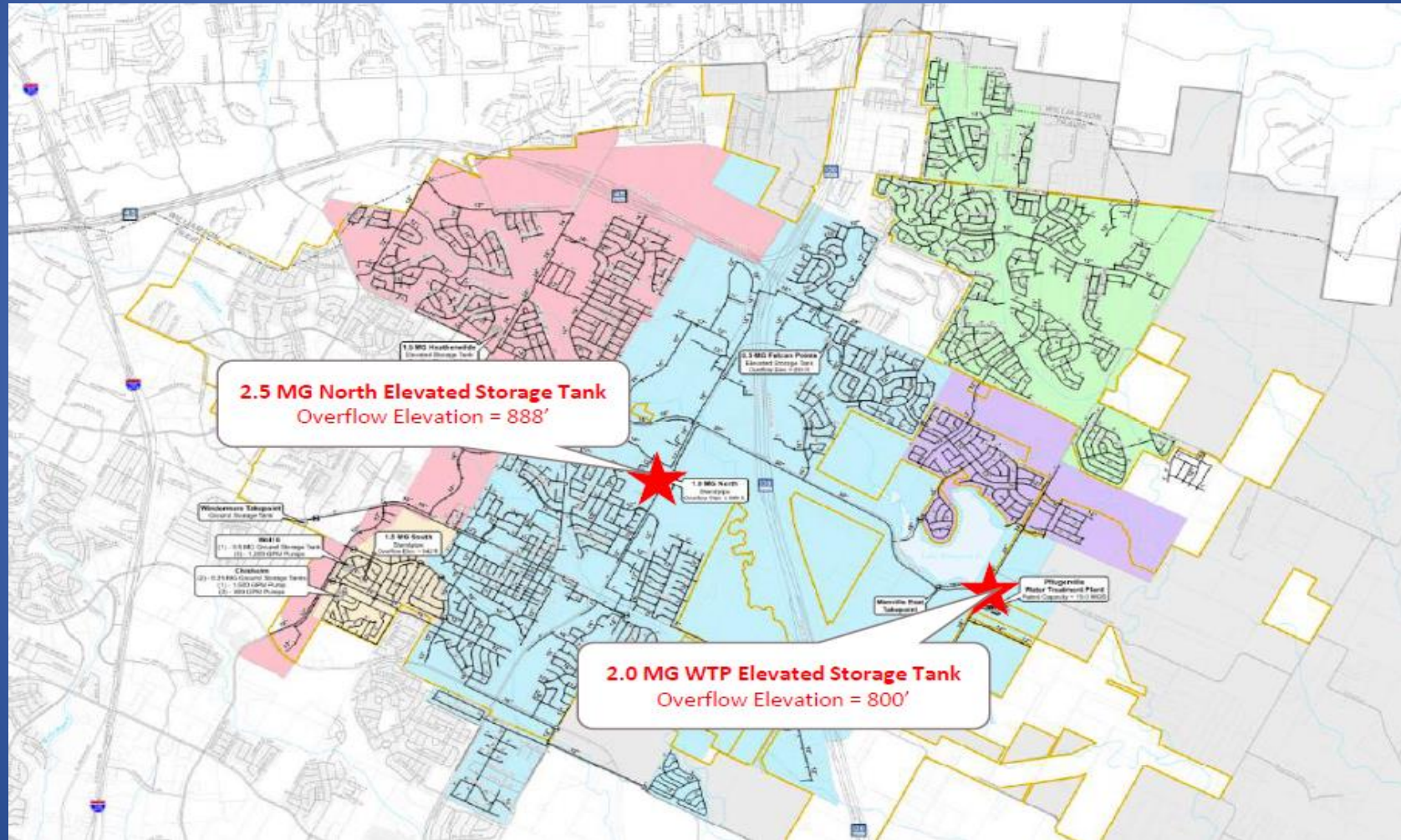




11B. Discuss and Consider action to approve an agreement with Freese and Nichols, Inc. in the amount of \$1,233,169.00 for professional engineering services associated with the proposed elevated storage tanks and authorizing the City Manager to execute the same



# Project Locations





# Master Plan Cost Estimate

**2.5 MG North Elevated  
Storage Tank**  
Overflow Elevation = 888'

**2.0 MG WTP Elevated  
Storage Tank**  
Overflow Elevation = 800'

Project Description:					
A 2.5-MG elevated storage tank to replace the existing 1.0-MG North Standpipe. This project also includes a 24-inch water line to replace the existing 12/16-inch water line northeast of the tank site off of Pfennig Lane.					
Project Drivers:					
This project will address existing regulatory compliance issues in the Central Pressure Zone and serve growth.					
Opinion of Probable Construction Cost					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Demo. Existing Standpipe	1	LS	\$75,000	\$75,000
2	2.5 MG EST	1	LS	\$5,500,000	\$5,500,000
3	24" WL & Appurtenances	800	LF	\$288	\$230,400
4	12" WL & Appurtenances	1,200	LF	\$144	\$172,800
<b>SUBTOTAL:</b>					<b>\$5,978,200</b>
CONTINGENCY				30%	\$1,793,500
<b>SUBTOTAL:</b>					<b>\$7,771,700</b>
ENG/SURVEY				18%	\$1,399,000
<b>SUBTOTAL:</b>					<b>\$9,170,700</b>
<b>Estimated Project Total (2019 Dollars):</b>					<b>\$9,170,700</b>

Note: Engineering costs include pedestal and coating inspections during construction.

Project Description:					
A 2.0-MG elevated storage tank at the Pflugerville WTP to serve a new 800' Pressure Zone. A 24-inch water line is required to connect the elevated storage tank to the water distribution system.					
Project Drivers:					
This project will serve growth in the southeast portion of service area.					
Opinion of Probable Construction Cost					
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	2.0 MG EST	1	LS	\$4,750,000	\$4,750,000
2	24" WL & Appurtenances	1,600	LF	\$288	\$460,800
<b>SUBTOTAL:</b>					<b>\$5,210,800</b>
CONTINGENCY				30%	\$1,563,300
<b>SUBTOTAL:</b>					<b>\$6,774,100</b>
ENG/SURVEY				18%	\$1,219,400
<b>SUBTOTAL:</b>					<b>\$7,993,500</b>
<b>Estimated Project Total (2019 Dollars):</b>					<b>\$7,993,500</b>

Note: Engineering costs include pedestal and coating inspections during construction.



Approve an agreement with Freese and Nichols, Inc. in the amount of \$1,233,169.00 for professional engineering services associated with the proposed elevated storage tanks and authorizing the City Manager to execute the same