

Summary of Engineering Recommendation
Sewer Service Repairs – Ramsey County Maryland-Payne Construction Project

Project

As part of Ramsey County's Maryland-Payne project ten property owners signed waiver forms authorizing the County's contractor to replace their private sewer services within the right-of-way. Addresses for the ten property owners are listed below:

Address	Street	Cost of Excavation	Length of Repair Minus 3'	Cost of Repair @ \$30.00/LF	sub total	8% Admin	Total Cost
593	Maryland	\$1,500.00	29	\$870.00	\$2,370.00	\$189.60	\$2,559.60
599	Maryland	\$1,500.00	30	\$900.00	\$2,400.00	\$192.00	\$2,592.00
603	Maryland	\$1,500.00	35	\$1,050.00	\$2,550.00	\$204.00	\$2,754.00
615	Maryland	\$1,500.00	30	\$900.00	\$2,400.00	\$192.00	\$2,592.00
621	Maryland	\$1,500.00	32	\$960.00	\$2,460.00	\$196.80	\$2,656.80
653	Maryland	\$1,500.00	28	\$840.00	\$2,340.00	\$187.20	\$2,527.20
675	Maryland	\$1,500.00	3	\$90.00	\$1,590.00	\$127.20	\$1,717.20
679	Maryland	\$1,500.00	30	\$900.00	\$2,400.00	\$192.00	\$2,592.00
697	Maryland	\$1,500.00	32	\$960.00	\$2,460.00	\$196.80	\$2,656.80
1201	Maryland	\$1,500.00	57	\$1,710.00	\$3,210.00	\$256.80	\$3,466.80

Existing Conditions

Existing sewer services are of clay pipe construction and are over 50-years of age.

Initiating Action

Ramsey County street construction project.

All property owners within the project were notified of the opportunity to replace their sewer services at a fixed price.

Alternatives

Leave as is, no work performed.

Positive Benefits

Replace old sewer service pipes with new water-tight sewer service pipe materials.

Reduce amount of clear water sources (ground water, rain water) entering the city sanitary sewer system. Reduce amount of exfiltration.

Adverse Effects

Fixed costs to replace the sewer services are paid by property owners who signed the waiver forms.

Time Schedule

All project work was completed in 2014.