

Manhole Rehabilitation Recommendations

Project Number 18-2925-00

Coppell, TX 2016 SSES Part 2A

Manhole	Repair Description	Street Address	Construction	MHType	Surface	Depth	Rehab Cost	Inflow	Infilt	Ratio
COP-07 SS0107	Grout Lower 18" of Manhole, Repair Bench/Trough, and Install Internal Chimney Seal	623 Glen Lakes Dr	Precast	Manhole	Non-Paved	19.95	1,700	720	1,152	0.908
COP-07 SS1204	Install Bolts/Gasket for Bolted Cover	627 Lake Park Dr	Precast	Manhole	Non-Paved	18.09	100	20,811	0	0.005
COP-07 SS1803	Grout Walls/Joints	400 Glen Lakes Dr	Poured	Manhole	Non-Paved	24.7	1,647	0	1,152	1.429
COP-07 SS1807	Replace Cover/Frame/Frame Seal	635 N MacArthur Blvd	Precast	Manhole	Non-Paved	15.29	1,050	1,440	0	0.729
COP-07 SS1816	Complete Manhole Rehab and External Chimney Seal w/o New Frame and Cover	623 Glen Lakes Dr	Precast	Manhole	Non-Paved	23.28	5,175	893	2,117	1.719
COP-07 SS1816A	Grout Lower 18" of Manhole and Repair Bench/Trough	623 Glen Lakes Dr	Precast	Manhole	Non-Paved	23.34	1,000	0	1,037	0.965
COP-07 SS1847	Grout Lower 18" of Manhole and Repair Bench/Trough	623 Glen Lakes Dr	Precast	Manhole	Non-Paved	22.39	1,000	0	9,360	0.107
COP-10 SS0156	Grout Lower 18" of Manhole and Replace Cover/Frame/Frame Seal	204 Rustic Meadow Way	Poured	Manhole	Non-Paved	13.58	3,100	14,688	1,037	0.197
COP-10 SS0393	Grout Lower 18" of Manhole and Repair Bench/Trough	457 Phillips Dr	Precast	Manhole	Paved	21.9	1,000	0	2,880	0.347
COP-10 SS0668	Install Bolts/Gasket for Bolted Cover	621 Gifford Ct	Poured	Manhole	Non-Paved	10.56	100	1,152	0	0.087
COP-10 SS0669	Install Bolts/Gasket for Bolted Cover	621 Gifford Ct	Poured	Manhole	Non-Paved	10.78	100	288	0	0.347
COP-10 SS0845	Install Bolts/Gasket for Bolted Cover	700 Gifford Ct	Poured	Manhole	Non-Paved	11	100	432	0	0.231
COP-10 SS0846	Install Bolts/Gasket for Bolted Cover	700 Gifford Ct	Poured	Manhole	Non-Paved	8.2	100	432	0	0.231
COP-10 SS1327	Install Bolts/Gasket for Bolted Cover	430 Copperstone Trail	Poured	Manhole	Non-Paved	14.05	100	432	0	0.231
COP-10 SS1328	Install Bolts/Gasket for Bolted Cover	466 Copperstone Trail	Poured	Manhole	Non-Paved	10.8	100	432	0	0.231
COP-10 SS1329	Cementitious Coating and Install Bolts/Gasket for Bolted Cover	520 Layton Dr	Poured	Manhole	Non-Paved	12.3	2,068	432	1,440	1.105
COP-10 SS1410	Cementitious Coating	140 Rustic Meadow Way	Poured	Manhole	Non-Paved	12.58	2,013	1,440	720	0.932
COP-10 SS1411	Grout Lower 18" of Manhole and Repair Bench/Trough	140 Rustic Meadow Way	Poured	Manhole	Non-Paved	13.17	1,000	0	720	1.389
COP-10 SS1651	Grout Lower 18" of Manhole and Repair Bench/Trough	434 Copperstone Trail	Poured	Manhole	Non-Paved	14.08	1,000	0	720	1.389
COP-10 SS2164	Grout Walls/Joints and Install External Chimney Seal	420 Parkwood Ln	Precast	Manhole	Non-Paved	18.9	1,760	720	720	1.222
COP-10 SS2166	Replace Cover/Frame/Frame Seal	424 N Moore Rd	Precast	Manhole	Paved	11.75	1,450	1,440	0	1.007
COP-10 SS2167	Install Bolts/Gasket for Bolted Cover	375 N Denton Tap Rd	Poured	Manhole	Non-Paved	15.12	100	432	0	0.231
COP-10 SS2168	Install Bolts/Gasket for Bolted Cover	575 N Denton Tap Rd	Poured	Manhole	Non-Paved	16.08	100	432	0	0.231

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COP-10 SS2169	Install Bolts/Gasket for Bolted Cover	575 N Denton Tap Rd	Poured	Manhole	Paved	19.94	100	1,728	0	0.058
COP-10 SS2170	Replace Cover/Frame/Frame Seal	546 N Denton Tap Rd	Poured	Manhole	Non-Paved	18.31	1,050	1,152	0	0.911
COP-10 SS2173	Install Bolts/Gasket for Bolted Cover	216 Rustic Meadow Way	Poured	Manhole	Non-Paved	16.24	100	432	0	0.231
COP-10 SS2175	Replace Cover/Frame/Frame Seal	250 Natches Trace	Poured	Manhole	Non-Paved	14.75	1,050	1,440	0	0.729
COP-10 SS2370	Replace Cover/Frame/Frame Seal	385 N Denton Tap Rd	Poured	Manhole	Non-Paved	12.11	1,050	1,152	0	0.911
COP-10 SS2371	Install Bolts/Gasket for Bolted Cover	363 N Denton Tap Rd	Poured	Manhole	Non-Paved	14.8	100	432	0	0.231
COP-10 SS2533	Install Bolts/Gasket for Bolted Cover	621 Gifford Ct	Precast	Manhole	Non-Paved	5.28	100	288	0	0.347
COP-10 SS2534	Grout Lower 18" of Manhole and Repair Bench/Trough	615 Westminster Ct	Poured	Manhole	Non-Paved	16.88	1,000	0	720	1.389
COP-14 SS0155	Compete Manhole Rehab w/ New Frame and Cover	353 N Denton Tap Rd	Precast	Manhole	Non-Paved	9.66	3,171	2,520	360	1.101
COP-14 SS0255	Replace Cover/Frame/Frame Seal	429 N Denton Tap Rd	Precast	Manhole	Non-Paved	0	1,050	14,400	0	0.073
COP-14 SS1145	Install Bolts/Gasket for Bolted Cover	185 W Parkway Blvd	Precast	Manhole	Non-Paved	8.59	100	288	0	0.347
COP-14 SS1617	Complete Manhole Rehab w/o New Frame and Cover	311 Martel Ln	Precast	Manhole	Non-Paved	12.5	2,600	1,080	1,757	0.917
COP-14 SS1625	Replace Cover/Frame/Frame Seal	185 Parkway Blvd	Poured	Manhole	Non-Paved	6.48	1,050	720	0	1.458
COP-15 SS0148	Cementitious Coating and Install External Chimney Seal	234 Parkway Blvd	Precast	Manhole	Non-Paved	15.19	2,930	720	1,152	1.565

Report Totals:	Total Costs:	\$41,313	Total Inflow:	72,968
			Total Infiltration:	25,891
			Total Flow:	98,859