

**CITY AND COUNTY OF DENVER
DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE**

STATEMENT OF QUANTITIES

ITEM NO.	DESCRIPTION	ESTIMATED	UNIT TYPE
34-17.3-21	21" DIAMETER SANITARY SEWER BY-PASS PUMPING	4,394	LF
34-17.3-30	30" DIAMETER SANITARY SEWER BY-PASS PUMPING	1,851	LF
34-17.4-8	8" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Includes all necessary bypass pumping.</i>	79,879	LF
34-17.4-10	10" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Includes all necessary bypass pumping.</i>	748	LF
34-17.4-18	18" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 8 to 12 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, 700 psi soil modulus, HS-20 live load.</i>	918	LF
34-17.4-21	21" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 8 to 12 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, 700 psi soil modulus, HS-20 live load.</i>	4,394	LF
34-17.4-30	30" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 8 to 12 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, 700 psi soil modulus, HS-20 live load.</i>	1,851	LF
34-17.5	GRINDING	3,000	LF
34-17.6	SEWER SERVICE REACTIVATION (CIPP) <i>Additional Information: Estimated tap count.</i>	2,500	EA
34-17.7	EXTENDED TAP CUTTING	80	EA
34-17.9-a	PIPE END SEAL KIT INSTALLATION ONLY- SMALL DIAMETER <i>Additional Information: Per City Project Managers Direction and Approval-Includes all necessary items to install City provided End Seal Kit.</i>	50	EA
34-17.9-b	PIPE END SEAL KIT INSTALLATION ONLY- LARGE DIAMETER <i>Additional Information: Per City Project Managers Direction and Approval-Includes all necessary items to install City provided End Seal Kit.</i>	50	EA

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ITEM NO.	DESCRIPTION	ESTIMATED	UNIT TYPE
41-1	TRAFFIC CONTROL	1	LS
45-1	CIPP LABORATORY TESTING	20	EA
50-1	MOBILIZATION	1	LS
34-17.3.crit-a	CRITICAL SEWER BY-PASS PUMPING 750 - 1,750 GPM	1,200	LF
34-17.3.crit-b	CRITICAL SEWER BY-PASS PUMPING 1,750 - 3,000 GPM	1,000	LF
34-17.3.crit-c	CRITICAL SEWER BY-PASS PUMPING 3,000 - 4,900 GPM	800	LF
34-17.4.crit-8	CRITICAL 8" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Includes all necessary bypass pumping.</i>	3,000	LF
34-17.4.crit-10	CRITICAL 10" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Includes all necessary bypass pumping.</i>	400	LF
34-17.4.crit-12	CRITICAL 12" DIAMETER CURED-IN-PLACE-PLASTIC LINER	400	LF
34-17.4.crit-15	CRITICAL 15" DIAMETER CURED-IN-PLACE-PLASTIC LINER	400	LF
34-17.4.crit-18	CRITICAL 18" DIAMETER CURED-IN-PLACE-PLASTIC LINER	400	LF
34-17.4.crit-21	CRITICAL 21" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 5 to 15 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, minimum 700 psi soil modulus, HS-20 live load.</i>	200	LF
34-17.4.crit-24	CRITICAL 24" DIAMETER CURED-IN-PLACE-PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 5 to 15 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, minimum 700 psi soil modulus, HS-20 live load.</i>	200	LF

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ITEM NO.	DESCRIPTION	ESTIMATED	UNIT TYPE
34-17.4.crit-27	CRITICAL 27" DIAMETER CURED-IN-PLACE- PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 5 to 15 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, minimum 700 psi soil modulus, HS-20 live load.</i>	200	LF
34-17.4.crit-30	CRITICAL 30" DIAMETER CURED-IN-PLACE- PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 5 to 15 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, minimum 700 psi soil modulus, HS-20 live load.</i>	200	LF
34-17.4.crit-36	CRITICAL 36" DIAMETER CURED-IN-PLACE- PLASTIC LINER <i>Additional Information: Assume fully deteriorated, 5 to 15 ft depth, water table at surface, 5% ovality, 120 lb/ft³ soil density, minimum 700 psi soil modulus, HS-20 live load. Also assume that it will be necessary to pull and replace the manhole cone for access.</i>	200	LF
34-17.6.crit	CRITICAL SEWER SERVICE REACTIVATION (CIPP)	300	EA