

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

**STATEMENT OF QUANTITIES**

<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>ESTIMATED</b>	<b>UNIT TYPE</b>
34-17.1-8	PRE-VIDEO INSPECTION OF 8" DIAMETER SEWER PIPE	85,870	LF
34-17.1-10	PRE-VIDEO INSPECTION OF 10" DIAMETER SEWER PIPE	2,203	LF
34-17.1-12	PRE-VIDEO INSPECTION OF 12" DIAMETER SEWER PIPE	5,494	LF
34-17.1-15	PRE-VIDEO INSPECTION OF 15" DIAMETER SEWER PIPE	2,456	LF
34-17.1-18	PRE-VIDEO INSPECTION OF 18" DIAMETER SEWER PIPE	2,471	LF
34-17.1-21	PRE-VIDEO INSPECTION OF 21" DIAMETER SEWER PIPE	2,162	LF
34-17.1-24	PRE-VIDEO INSPECTION OF 24" DIAMETER SEWER PIPE	1,663	LF
34-17.1-27	PRE-VIDEO INSPECTION OF 27" DIAMETER SEWER PIPE	646	LF
34-17.3-12	12" DIAMETER SANITARY SEWER BY-PASS PUMPING	5,494	LF
34-17.3-15	15" DIAMETER SANITARY SEWER BY-PASS PUMPING	2,456	LF
34-17.3-18	18" DIAMETER SANITARY SEWER BY-PASS PUMPING	2,471	LF
34-17.3-21	21" DIAMETER SANITARY SEWER BY-PASS PUMPING	2,162	LF
34-17.3-24	24" DIAMETER SANITARY SEWER BY-PASS PUMPING	1,663	LF
34-17.3-27	27" DIAMETER SANITARY SEWER BY-PASS PUMPING	646	LF
34-17.4-8	8" DIAMETER CURED-IN-PLACE-PLASTIC LINER: Includes all necessary bypass pumping	85,870	LF

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<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>ESTIMATED</b>	<b>UNIT TYPE</b>
34-17.4-10	10" DIAMETER CURED-IN-PLACE-PLASTIC LINER: Includes all necessary bypass pumping	2,203	LF
34-17.4-12	12" DIAMETER CURED-IN-PLACE-PLASTIC LINER	5,494	LF
34-17.4-15	15" DIAMETER CURED-IN-PLACE-PLASTIC LINER	2,456	LF
34-17.4-18	18" DIAMETER CURED-IN-PLACE-PLASTIC LINER	2,471	LF
34-17.4-21	21" DIAMETER CURED-IN-PLACE-PLASTIC LINER: Assume fully deteriorated, 8 to 12 ft depth, water table at surface, 5% ovality, 120 lb/ft <sup>3</sup> soil density, 700 psi soil modulus, HS-20 live load.	2,162	LF
34-17.4-24	24" DIAMETER CURED-IN-PLACE-PLASTIC LINER: Assume fully deteriorated, 8 to 12 ft depth, water table at surface, 5% ovality, 120 lb/ft <sup>3</sup> soil density, 700 psi soil modulus, HS-20 live load.	1,663	LF
34-17.4-27	27" DIAMETER CURED-IN-PLACE-PLASTIC LINER: Assume fully deteriorated, 8 to 12 ft depth, water table at surface, 5% ovality, 120 lb/ft <sup>3</sup> soil density, 700 psi soil modulus, HS-20 live load.	646	LF
34-17.5	GRINDING	3,000	LF
34-17.6	SANITARY SEWER SERVICE REACTIVATION (CIPP): Estimated tap count	3,000	EA
34-17.7	EXTENDED TAP CUTTING	100	EA
34-17.9-a	Pipe End Seal Kit Installation Only-Small Diameter: Per City Project Managers Direction and Approval-Includes all necessary items to install City provided End Seal Kit	10	EA
34-17.9-b	Pipe End Seal Kit Installation Only-Large Diameter: Per City Project Managers Direction and Approval-Includes all necessary items to install City provided End Seal Kit	10	EA
41-1	TRAFFIC CONTROL	1	LS
45-1	CIPP LABORATORY TESTING	20	EA

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<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>ESTIMATED</b>	<b>UNIT TYPE</b>
50-1	MOBILIZATION	1	LF
34-17.1.crit-8	CRITICAL PRE-VIDEO INSPECTION OF 8" DIAMETER SEWER PIPE	200	LF
34-17.1.crit-10	CRITICAL PRE-VIDEO INSPECTION OF 10" DIAMETER SEWER PIPE	100	LF
34-17.1.crit-12	CRITICAL PRE-VIDEO INSPECTION OF 12" DIAMETER SEWER PIPE	10	LF
34-17.1.crit-15	CRITICAL PRE-VIDEO INSPECTION OF 15" DIAMETER SEWER PIPE	10	LF
34-17.1.crit-18	CRITICAL PRE-VIDEO INSPECTION OF 18" DIAMETER SEWER PIPE	10	LF
34-17.1.crit-21	CRITICAL PRE-VIDEO INSPECTION OF 21" DIAMETER SEWER PIPE	10	LF
34-17.1.crit-24	CRITICAL PRE-VIDEO INSPECTION OF 24" DIAMETER SEWER PIPE	10	LF
34-17.1.crit-27	CRITICAL PRE-VIDEO INSPECTION OF 27" DIAMETER SEWER PIPE	10	LF
34-17.1.crit-30	CRITICAL PRE-VIDEO INSPECTION OF 30" DIAMETER SEWER PIPE	10	LF
34-17.1.crit-36	CRITICAL PRE-VIDEO INSPECTION OF 36" DIAMETER SEWER PIPE	10	LF
34-17.3.crit-a	CRITICAL SEWER BY-PASS PUMPING 750 - 1,750 GPM	120	LF
34-17.3.crit-b	CRITICAL SEWER BY-PASS PUMPING 1,750 - 3,000 GPM	80	LF
34-17.3.crit-c	CRITICAL SEWER BY-PASS PUMPING 3,000 - 4,900 GPM	120	LF
34-17.4.crit-8	Critical 8" DIAMETER CURED-IN-PLACE-PLASTIC LINER : Includes all necessary bypass pumping	200	LF

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<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>ESTIMATED</b>	<b>UNIT TYPE</b>
34-17.4.crit-10	Critical 10" DIAMETER CURED-IN-PLACE-PLASTIC LINER: Includes all necessary bypass pumping	100	LF
34-17.4.crit-12a	Critical 12" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100 lf: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-12b	Critical 12" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200 lf: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-12c	Critical 12" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300 lf: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-12d	Critical 12" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300 lf: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-15a	Critical 15" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-15b	Critical 15" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-15c	Critical 15" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-15d	Critical 15" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-18a	Critical 18" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-18b	Critical 18" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-18c	Critical 18" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF

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<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>ESTIMATED</b>	<b>UNIT TYPE</b>
34-17.4.crit-18d	Critical 18" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-21a	Critical 21" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-21b	Critical 21" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-21c	Critical 21" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-21d	Critical 21" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-24a	Critical 24" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-24b	Critical 24" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-24c	Critical 24" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-24d	Critical 24" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-27a	Critical 27" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-27b	Critical 27" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF

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34-17.4.crit-27c	Critical 27" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-27d	Critical 27" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-30a	Critical 30" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-30b	Critical 30" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-30c	Critical 30" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-30d	Critical 30" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-36a	Critical 36" DIAMETER CURED-IN-PLACE-PLASTIC LINER 0-100ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-36b	Critical 36" DIAMETER CURED-IN-PLACE-PLASTIC LINER 100-200ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-36c	Critical 36" DIAMETER CURED-IN-PLACE-PLASTIC LINER 200-300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.4.crit-36d	Critical 36" DIAMETER CURED-IN-PLACE-PLASTIC LINER > 300ft: Unit Pricing shall be based on linear footage range noted in the description, not the Qty	10	LF
34-17.6.crit	Critical SEWER SERVICE REACTIVATION (CIPP)	100	EA
41-1.crit	TRAFFIC CONTROL ALLOWANCE ACCOUNT	\$20,000	A/A