

HWY. 287 UTILITY RELOCATIONS CHANGE ORDER TABULATION

ITEM	COST	TOTAL	DESCRIPTION
2,419,168.00 Original Contract Amount			
Water Tie-in at Lyondell Basell/D&S Plastics	11,981.13		The location of the water service connection serving the Lyondell Basell/D&S Plastics facility was in a different location than the plans indicated and warranted the addition of some fittings necessary to connect their service to the relocated 18" water line.
24-Inch Bore	306,432.08		After installing 260 feet of 24" casing pipe by bore under Hwy. 287, an unknown object was hit and the contractor could not proceed any further. It was determined that the object was located under the main lanes of Hwy 287 and could not be excavated. The installation of 260 feet of 24" steel casing involves a sunk cost of \$133,042. In addition to the steel casing, the bore head was not able to be retrieved. The cost of the bore head and hose is \$92,000. The remaining cost correlates with the labor and equipment associated with the attempt to salvage the steel casing pipe, grouting the line, filling in the old bore pits and digging new ones.
16-Inch Water Line Lowerings	46,040.65		The existing 16-inch water line that parallels Hwy. 287 had to be lowered in two locations to connect to the proposed water lines that were installed across Hwy 287.
Manhole	8,153.98		Raised the base of an existing manhole and rework the invert in order for the new sewer pipe to connect.
Remove existing connection and replace 16" water line	7,790.92		Where an existing water line is being abandoned across Hwy. 287, the joints at the connections on both sides of Hwy. 287 were not restrained which prevented the ability to cut and abandon the line as planned. The fittings on both sides of the highway had to be removed, capped, and a portion of 16" water line pipe was replaced where the old connection had been.
Contingency	20,000.00		Although the utility relocations are wrapping up, the project is not yet complete. This contingency is for any unknown items that may arise from now until Blackrock returns to complete the adjustment of manholes after the TxDOT frontage road project is complete.

400,398.76 Total

2,819,566.76 Revised Contract Amount

120,958.40 5% Contingency Previously Approved at Council Award

279,440.36 Change Order Amount

11.55% Percentage of Contract