

SH 360

LANE ABRAMS JOINT VENTURE (LAJV)
Utility Adjustment Actual Cost Summary



Date Prepared: 2/28/18

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Eligibility Ratio: Varies

Utility Owner: City of Grand Prairie

Conflicts: 17, 18, 150, 151, 173, 175

Utility Type: Water

Utility Adjustment Agreement 360--U-509 (Camp Wisdom, New York, Ragland and Broad)

Item No.	Description	Estimated Cost	Total Actual Cost	DB/TXDOT Cost	CoGP Cost
RAGLAND					
RAGLAND RELOCATION FROM EASEMENT (100% COMPENSABLE)					
1	30" RCCP WATERLINE	\$69,000.00	\$69,000.00	\$69,000.00	\$0.00
2	48" STEEL ENCASEMENT BY OPEN CUT	\$20,475.00	\$20,475.00	\$20,475.00	\$0.00
3	24" DIRECT BURY GATE VALVE	\$16,800.00	\$34,500.00	\$34,500.00	\$0.00
4	CONNECT TO EXIST 20" WL (PVC OR DI)	\$18,000.00	\$0.00	\$0.00	\$0.00
5	2" AIR RELEASE VALVE	\$12,500.00	\$25,000.00	\$25,000.00	\$0.00
6	GROUT EXISTING WATERLINE	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00
	SUBTOTAL	\$139,275.00	\$151,475.00	\$151,475.00	\$0.00

RAGLAND RELOCATION (50% COMPENSABLE)					
1	12" C900 PVC WATERLINE	\$38,880.00	\$40,680.00	\$20,340.00	\$20,340.00
2	12" DIRECT BURY GATE VALVE	\$8,000.00	\$4,000.00	\$2,000.00	\$2,000.00
3	30" RCCP WATERLINE	\$43,125.00	\$43,125.00	\$21,562.50	\$21,562.50
4	48" STEEL ENCASEMENT BY OPEN CUT	\$43,875.00	\$42,705.00	\$21,352.50	\$21,352.50
5	GROUT EXISTING WATERLINE	\$5,750.00	\$2,250.00	\$1,125.00	\$1,125.00
	Pole Truck Rental	\$0.00	\$8,453.00	\$4,226.50	\$4,226.50
	SPOIL HAUL OFF	\$0.00	\$1,750.00	\$875.00	\$875.00
	12" C900 PVC WATERLINE	\$0.00	\$5,400.00	\$2,700.00	\$2,700.00
	PCO 22 - Sawcut / Demo Roadway Ragland	\$0.00	\$2,402.67	\$1,201.34	\$1,201.34
	PCO 23 - FLG Valves in Lieu of MH Valves at Ragland	\$0.00	\$32,532.00	\$16,266.00	\$16,266.00
	PCO 26 - Vertical Adjustment of 30" RCCP at Ragland	\$0.00	\$4,378.72	\$2,189.36	\$2,189.36
	PCO 27 - Pole Truck Rental	\$0.00	\$2,310.00	\$1,155.00	\$1,155.00
	PCO 28 - Pole Truck Rental	\$0.00	\$15,758.22	\$7,879.11	\$7,879.11
	PCO 40 - Temp Waterline Needed at Ragland for 30" Line	\$0.00	\$22,623.00	\$11,311.50	\$11,311.50
	SUBTOTAL	\$139,630.00	\$228,367.61	\$114,183.81	\$114,183.81

RAGLAND RELOCATION BETTERMENT (0% COMPENSABLE)					
1	30" RCCP WATERLINE	\$11,500.00	\$8,050.00	\$0.00	\$8,050.00
	16" C905 PVC WATERLINE	\$0.00	\$33,300.00	\$0.00	\$33,300.00
	30" X 16" SS TAPPING SLEEVE	\$0.00	\$22,000.00	\$0.00	\$22,000.00
	CONNECT TO EXIST 30" WL (RCCP OR DI)	\$0.00	\$27,000.00	\$0.00	\$27,000.00
	CONNECT TO EXIST 12" WL (PVC OR DI)	\$0.00	\$12,000.00	\$0.00	\$12,000.00
	6" FLOWABLE FILL	\$0.00	\$21,675.00	\$0.00	\$21,675.00
	30" RCCP FITTINGS	\$0.00	\$35,000.00	\$0.00	\$35,000.00
	REMOVE EXIST AIR SUPPLY	\$0.00	\$2,500.00	\$0.00	\$2,500.00
	REMOVE EXIST WATER VALVE	\$0.00	\$1,000.00	\$0.00	\$1,000.00
	MOBILIZATION	\$5,000.00	\$14,300.00	\$0.00	\$14,300.00
	SUBTOTAL	\$16,500.00	\$176,825.00	\$0.00	\$176,825.00

NEW YORK					
NEW YORK RELOCATION (100% COMPENSABLE)					
1	48" SPLIT STEEL ENCASEMENT	\$23,430.00	\$23,430.00	\$23,430.00	\$0.00
2	CONNECT TO EXIST 30" WL W/STEEL ENCASEMENT	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00
3	30" X 16" SS TAPPING SLEEVE	\$22,000.00	\$22,000.00	\$22,000.00	\$0.00
4	RELOCATE 24" GATE VALVE	\$5,000.00	\$15,000.00	\$15,000.00	\$0.00
	CONNECT TO EXIST 16" WL (PVC OR DI)	\$0.00	\$6,500.00	\$6,500.00	\$0.00
	MOBILIZATION	\$7,500.00	\$7,150.00	\$7,150.00	\$0.00
	SUBTOTAL	\$61,930.00	\$78,080.00	\$78,080.00	\$0.00

NEW YORK RELOCATION (50% COMPENSABLE)					
1	48" SPLIT STEEL ENCASEMENT	\$8,520.00	\$8,520.00	\$4,260.00	\$4,260.00
2	16" GATE VALVE	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00
3	CONNECT TO EXIST 30" WL W/STEEL ENCASEMENT	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00
4	GROUT EXIST 16" WATERLINE	\$2,750.00	\$0.00	\$0.00	\$0.00
	SPOIL HAUL OFF	\$0.00	\$875.00	\$437.50	\$437.50

	PCO 06 - Pole Truck Rental	\$0.00	\$4,830.00	\$2,415.00	\$2,415.00
	PCO 09 - Delay / Standby Time - New York Ave	\$0.00	\$8,068.00	\$4,034.00	\$4,034.00
	PCO 10 - Temp Waterline at New York Ave	\$0.00	\$128,460.00	\$64,230.00	\$64,230.00
	PCO 11 - (2) Additional 16" DI 45 Bends - New York	\$0.00	\$7,729.63	\$3,864.82	\$3,864.82
	SUBTOTAL	\$21,270.00	\$168,482.63	\$84,241.32	\$84,241.32

CAMP WISDOM

CAMP WISDOM RELOCATION (100% COMPENSABLE)					
1	18" C905 PVC WATERLINE	\$7,200.00	\$6,700.00	\$6,700.00	\$0.00
2	16" C905 PVC WATERLINE	\$2,775.00	\$2,775.00	\$2,775.00	\$0.00
3	24" SPLIT STEEL ENCASUREMENT	\$5,775.00	\$5,400.00	\$5,400.00	\$0.00
4	12" DIRECT BURY GATE VALVE	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00
5	CONNECT TO EXIST 16" WL (PVC OR DI)	\$6,960.00	\$6,500.00	\$6,500.00	\$0.00
6	12" PVC WATERLINE	\$7,500.00	\$9,180.00	\$9,180.00	\$0.00
7	6" FLOWABLE FILL	\$750.00	\$3,750.00	\$3,750.00	\$0.00
	MOBILIZATION	\$7,500.00	\$7,150.00	\$7,150.00	\$0.00
	SUBTOTAL	\$42,460.00	\$45,455.00	\$45,455.00	\$0.00

CAMP WISDOM RELOCATION (50% COMPENSABLE)					
1	CONNECT TO EXIST 18" WL (PVC OR DI)	\$9,095.00	\$8,500.00	\$4,250.00	\$4,250.00
2	18" C905 WATERLINE	\$99,000.00	\$85,760.00	\$42,880.00	\$42,880.00
3	18" BUTTERFLY VALVE	\$6,000.00	\$8,500.00	\$4,250.00	\$4,250.00
4	24" SPLIT STEEL ENCASUREMENT	\$48,125.00	\$43,920.00	\$21,960.00	\$21,960.00
5	16" C905 WATERLINE	\$2,590.00	\$2,590.00	\$1,295.00	\$1,295.00
6	2" COMBINATION AIR & VACUUM RELEASE ASSEMBLY	\$13,375.00	\$0.00	\$0.00	\$0.00
	SPOIL HAUL OFF	\$0.00	\$875.00	\$437.50	\$437.50
	PCO 13 - Sawcut / Demo Roadway Camp Wisdom	\$0.00	\$1,737.63	\$868.82	\$868.82
	PCO 14 - Pole Truck Rental	\$0.00	\$5,460.00	\$2,730.00	\$2,730.00
	PCO 15 - Sawcut / Demo Roadway Camp Wisdom	\$0.00	\$3,851.71	\$1,925.86	\$1,925.86
	PCO 16 - EX 24" SD Conflict - Demob / PH / BF / etc.	\$0.00	\$4,015.94	\$2,007.97	\$2,007.97
	PCO 17 - FDC AT CAMP WISDOM 18" WL-CN 150	\$0.00	\$55,588.00	\$27,794.00	\$27,794.00
	PCO 19 - Sawcut / Demo Roadway Camp Wisdom	\$0.00	\$2,084.41	\$1,042.21	\$1,042.21
	PCO 21 - Sawcut / Demo Roadway Camp Wisdom	\$0.00	\$1,076.35	\$538.18	\$538.18
	PCO 30 - Sawcut & Concrete Demo Camp Wisdom	\$0.00	\$2,196.06	\$1,098.03	\$1,098.03
	PCO 31 - 12" WL Lowering for SD Inlet Conflict	\$0.00	\$1,648.68	\$824.34	\$824.34
	PCO 39 - Split Casing HMA Restoration	\$0.00	\$4,758.93	\$2,379.47	\$2,379.47
	SUBTOTAL	\$178,185.00	\$232,562.71	\$116,281.36	\$116,281.36

BROAD

BROAD STREET BETTERMENT (0% COMPENSABLE)					
1	REMOVE AND SALVAGE TO CITY 30" VALVE	\$4,000.00	\$0.00	\$0.00	\$0.00
2	16" BUTTERFLY VALVE	\$6,000.00	\$0.00	\$0.00	\$0.00
3	MISCELLANEOUS FITTINGS	\$3,500.00	\$0.00	\$0.00	\$0.00
4	16" C905 WATERLINE	\$22,200.00	\$0.00	\$0.00	\$0.00
	PCO 32 Revised Interconnect at Broad	\$0.00	\$24,465.85	\$0.00	\$24,465.85
	PCO 12 - Demob / Clean-up - Conflicts at Broad St.	\$0.00	\$9,458.37	\$0.00	\$9,458.37
	SUBTOTAL	\$35,700.00	\$33,924.22	\$0.00	\$33,924.22

CONTRACT CONSTRUCTION & ENGINEERING COST					
1	SURVEYING	\$7,500.00	\$7,500.00	\$3,750.00	\$3,750.00
2	ENGINEERING DESIGN	\$45,000.00	\$45,000.00	\$22,500.00	\$22,500.00
3	REVIEW ENGINEER & INSPECTION (CoGP)	\$35,000.00	\$35,000.00	\$17,500.00	\$17,500.00
4	CONSTRUCTION INSPECTION	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
5	TRAFFIC CONTROL	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
	SUBTOTAL	\$102,500.00	\$102,500.00	\$51,250.00	\$51,250.00

GRAND TOTAL SUMMARY	\$737,450.00	\$1,217,672.17	\$640,966.48	\$576,705.69
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COST TO BE PAID BY CITY OF GRAND PRAIRIE	\$576,705.69	Percent Over/Under	65.12%
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