

KIENER PLAZA SCOPE OF WORK

UNIQUE FEATURES

- High profile City project with Great Rivers Greenway.
- Successfully contracted to meet minority requirements.
- Utilized hydro-excavation & surveying techniques to assist with design-build efforts to identify underground utility conflicts.

QTY	UNIT	DESCRIPTION
<u>STORM SEWERS</u>		
2,115	LF	12" HDPE
82	LF	15" HDPE
22	LF	18" HDPE
2	EA	TIE INTO EXISTING
1	EA	MANHOLE
2	EA	MANHOLE COMBINED
1	EA	REMOVE & REPLACE COMBINED MH
2	EA	MANHOLE W/ GRATED TOP-TRAPPED
8	EA	2GRATE W/ SIDE INTAKE
4	EA	2GRATE W/ SIDE INTAKE- TRAPPED
20	EA	NYLOPLAST BASIN (DI)
6	EA	CLEANOUT
1	EA	PUMP & 18" BASIN
2	EA	ADJUST TO GRADE
1	LS	FITTINGS
1	LS	TELEWISE
675	SY	SAWCUT
344	SY	PATCH PAVEMENT
1	LS	STREET PLATES
1	LS	TRAFFIC CONTROL
750	TN	GRANULAR BEDDING
2,956	TN	COMPACTED GRANULAR FILL
1,994	TN	COMPACTED SCREENINGS
1	LS	PERMITS & MOBILIZATION

QTY	UNIT	DESCRIPTION
<u>WATERLINE</u>		
233	LF	2 1/2" SCH 80 PVC
50	LF	6" DIP CLASS 350
230	LF	6" PVC C-900
1	EA	6" TAP ON EXISTING PUBLIC MAIN
1	EA	2 1/2" 45 BEND SCH 80 PVC
2	EA	2 1/2" 90 BEND SCH 80 PVC
1	EA	6" MJ 45 DEGREE BEND
2	EA	6" MJ 90 DEGREE BEND
7	EA	6" MEGALUG FOR PVC
1	EA	6" MEGALUG FOR DIP
1	EA	6" FIRE HYDRANT ASSEMBLY W/ GATE VALVE
1	EA	POST INDICATOR VALVE
1	EA	6" FIRE RISER TO 18" ABOVE FINISH FLOOR
1	EA	6" x 2" SPLIT METER ASSY. & VAULT
20	LF	4" PVC SDR 35 VAULT DRAIN
1	LS	THRUST BLOCKS
1	EA	TESTING & FLUSHING
185	TN	GRANULAR BEDDING
100	TN	COMPACTED GRANULAR FILL
200	CY	MECHANICAL COMPACTION - DIRT
1	LS	PERMITS & MOBILIZATION

QTY	UNIT	DESCRIPTION
<u>SANITARY SEWERS</u>		
298	LF	6" SDR 35 PVC
1	EA	MANHOLE W/ GRATED TOP-TRAPPED
1	EA	SANITARY MANHOLE
1	EA	MANHOLE COMBINED
1	EA	CLEANOUT
1	EA	TIE INTO EX STRUCTURE
150	SY	SAWCUT
82	SY	PATCH PAVEMENT
100	TN	GRANULAR BEDDING
596	TN	COMPACTED GRANULAR FILL
1	LS	PERMITS & MOBILIZATION

QTY	UNIT	DESCRIPTION
<u>ADD FOR REMOVALS</u>		
70	LF	GROUT 4" PVC
424	LF	GROUT 8" CI
596	LF	GROUT 12" VCP
163	LF	GROUT 21"X30" BRICK

QTY	UNIT	DESCRIPTION
<u>ESTIMATED SPOILS</u>		
3167	CY	STORM
387	CY	SANITARY