

CHOUTEAU GROVE SCOPE OF WORK

UNIQUE FEATURES

- Acted & Performed as a General Contractor (GC) for all site work.
- Installation of 48" HDPE at an approximate depth of 16' in middle of the Vandeventer Ave & Papin Street intersection while maintaining 4 lanes of vehicle traffic; bored 60" steel casing into intersection to tie into existing sewer system.

QTY	UNIT	DESCRIPTION
STORM SEWERS		
480	LF	4" PVC SDR 35 PERF. W/FABRIC
521	LF	4" PVC SDR 35
118	LF	6" PVC SDR 35
344	LF	8" PVC SDR 35
29	LF	12" RCP CLASS III
540	LF	15" HDPE
458	LF	15" RCP CLASS III
156	LF	18" RCP CLASS III
168	LF	24" RCP CLASS III
1	EA	8" PVC FES W/TOEWALL & HEADWALL
1	EA	12" RCP FES W/TOEWALL & HEADWALL
2	EA	15" RCP FES W/TOEWALL & HEADWALL
2	EA	24" RCP FES W/TOEWALL & HEADWALL
17	EA	4" x 4" WYE
5	EA	6" x 6" TEE/WYE
11	EA	8" x 4" TEE/WYE
2	EA	8" x 6" TEE/WYE
3	EA	15" x 8" HDPE WYE
18	EA	4" DOWNSPOUT TO 1' ABOVE GRADE
5	EA	6" DOWNSPOUT TO 1' ABOVE GRADE
1	LS	MISCELLANEOUS FITTINGS
5	EA	CLEANOUT
1	EA	REMOVE EXISTING INLET & BUILD MANHOLE
1	EA	DOUBLE COMBO INLET
2	EA	AREA INLET
2	EA	BASIN CONTROL STRUCUTRE W/RISER
5	EA	CURB INLET
6	EA	MANHOLE
8	EA	SINGLE COMBO INLET
1	EA	VORTSENTRY 50 HDS STRUCTURE
1	EA	VORTSENTRY 70 HDS STRUCTURE
1	LS	EROSION CONTROL @ INLETS
717	TN	GRANULAR BEDDING
756	TN	COMPACTED GRANULAR FILL
96	SY	MSD #5 ROCK BLANKET
534	CY	MECHANICAL COMPACTION - DIRT
1050	CY	STOCKPILE EXCESS SPOILS (INCLUDES SPREAD & COMPACTION)
1	LS	MSD & STL. COUNTY INSPECTION FEES
1	LS	MOBILIZATION

QTY	UNIT	DESCRIPTION
UNDER CURB DRAIN		
497	LF	4" PVC PERF. W/FABRIC
79	TN	GRANULAR FILL & BEDDING
47	CY	STOCKPILE EXCESS SPOILS (INCLUDES SPREAD & COMPACTION)
1	LS	MOBILIZATION

QTY	UNIT	DESCRIPTION
SANITARY SEWERS		
127	LF	6" PVC SDR 35
7	LF	8" DIP CLASS 52
140	LF	BORE (24" STEEL CASING, 8" DIP CLASS 52, CASING SPACERS, & GROUT)
662	LF	8" PVC SDR 35
1	EA	CONNECTION TO EXISTING MANHOLE WITH OUTSIDE DROP
1	EA	8" x 6" WYE
3	EA	6" x 6" TEE/WYE
4	EA	CLEANOUT
1	EA	SAMPLE MANHOLE
5	EA	MANHOLE
1	LS	MSD TESTING (PIPE & MANHOLES)
1	LS	OFF-SITE CLEARING (OUTSIDE GRADING LIMITS ONLY)
1	LS	OFF-SITE RESTORATION (OUTSIDE GRADING LIMITS ONLY)
156	TN	GRANULAR BEDDING
1439	TN	COMPACTED GRANULAR FILL
465	LS	MECHANICAL COMPACTION-DIRT
968	CY	STOCKPILE EXCESS SPOILS (INCLUDES SPREAD & COMPACTION)
1	LS	PERMITS & MOBILIZATION

QTY	UNIT	DESCRIPTION
MSD WATER QUALITY		
2	EA	BIO-RETENTION BASIN (INCLUDES BELOW) 1) 6" LAYER OF C-GRAVEL 2) 6" LAYER OF PEA-GRAVEL 3) 6" LAYER OF C-33 SAND 4) 30" LAYER OF BIO-SOIL 5) MSD #4 FILTER FABRIC 6) 4" LAYER OF DECROTIVE STONE 7) 4" PVC SCH 40 PERF. W/CLEANOUT
18	LF	6" PVC SDR 35
20	LF	12" PVC SDR 35
1	EA	6" PVC STANDPIPE
1	EA	12" PVC STANDPIPE
1	LS	EROSION CONTROL
392	CY	STOCKPILE EXCESS SPOILS (INCLUDES SPREAD & COMPACTION)
1	LS	PERMITS & MOBILIZATION

QTY	UNIT	DESCRIPTION
IRRIGATION SLEEVES		
634	LF	4" PVC SCH 40
40	TN	GRANULAR FILL
24	CY	STOCKPILE EXCESS SPOILS (INCLUDES SPREAD & COMPACTION)