



## **Taylorsville-Bennion Improvement District Development Staking Requirements**

### General

- Stakes for sewer and water shall be placed such that the installation of one of the utilities does not tear out the stakes for the other utility wherever possible.
- Cut sheet shall be provided for both sewer and water on a District approved Cut Sheet form.
- Cuts are not to be written on the stakes. Cut sheet is to be delivered to the District for review and then the inspector will write the cuts on the stakes- so that they know when the contractor is starting construction.
- District to review cut sheet before the contractor is allowed to start laying pipe.
- Notify the District 2 days prior to the anticipated start date for the contractor.

### Water

- Stakes at 50-foot stations and at all fittings
- Stakes at 10-foot offsets
- 2 stakes at every bend or fitting.
- Hydrants are to have cut (fills) to the bury depth line of the hydrant
- Water shall be installed with 42" of cover to the top of the pipe.
- Where conflicts with other utilities exist, a pre-fab steel loop will be required.
- If the District is setting the meter box, the location of the water laterals shall be staked including adjacent curb and gutter so that the box can be properly located and set

### Sewer

- Stakes at 100-foot stations
- Offsets for the stakes shall be 15 feet
- 2 stakes at every manhole- at 90- degree bends if not straight of at 10' and 15' offset
- Manholes are to have cut (fills) to the inverts of the manholes and the rim of the lid of the manhole

**Project name**  
**Water Cut Sheet Example**  
**Date**

Point #	Station	Offset	Hub Elevation	Finish Grade	Pipe FL or FH Flange	Cut (-) or Fill	Description
3001	5+48	10' R	4551.62	4552.2	4548	-3.62	Connect to existing
3002	5+48	10' L	4551.55	4552.2	4548	-3.55	Connect to existing
3122	5+98	10' R	4552.58	4554.61	4550.41	-2.17	WL
3004	6+48	10' R	4553.18	4555.73	4551.53	-1.65	WL
3123	6+98	10' R	4553.43	4556.16	4551.96	-1.47	WL
3006	7+47	10' R	4552.99	4556.32	4552.12	-0.87	WL
3008	7+87	10' R	4554.31	4556.44	4552.24	-2.07	WL
3012	8+27	10' R	4555.24	4556.69	4552.49	-2.75	WL
3016	8+67	10' R	4554.51	4556.75	4552.55	-1.96	WL
3018	8+87	10' R	4554.87	4556.72	4552.52	-2.35	45-degree bend
3019	8+87	15' R	4554.66	4556.72	4552.52	-2.14	45-degree bend
3126	9+22	15' R	4554.54	4556.67	4552.47	-2.07	WL
3021	9+56	10' R	4555.69	4556.61	4552.41	-3.28	11.25-degree bend
3022	9+56	15' R	4555.65	4556.61	4552.41	-3.24	11.25-degree bend
3025	10+28	25.2' R	4552.92	4555.93	4556.18	3.26	Fire Hydrant (flange- 3" above TBC)
3026	10+28	30.2' R	4552.98	4555.93	4556.18	3.2	Fire Hydrant (flange- 3" above TBC)

**Project name**  
**Sewer Cut Sheet Example**  
**Date**

Point #	Station	Offset	Hub Elevation	Invert Elevation	Cut (-) or Fill to invert	Rim Elevation	Cut (-) or Fill to Rim*	Description	Slope
2338	0+00	20'R	4543	4534.33	-8.67	4540.67	-2.33	INV. N (New 5' MH)	0.50%
2339	0+00	25'R	4543.32	4534.33	-8.99	4540.67	-2.65	INV. N (New 5' MH)	
2342	0+50	20'R	4541.4	4534.08	-7.32			SS	
2343	1+00	20'R	4541.27	4533.83	-7.44			SS	
2346	1+50	20'R	4542.19	4533.58	-8.61			SS	
2347	2+00	20' R	4543.47	4533.32	-10.15			SS	
2350	2+50	20' R	4541.76	4533.07	-8.69			SS	
2351	3+00	20' R	4541.92	4532.82	-9.1			SS	
2354	3+47	20' L	4546.13	4532.4	-13.73	4543.57	-2.56	INV. E (New 5' MH)	2.61%
2355	3+47	20' L	4547.2	4532.6	-14.6	4543.57	-3.63	INV. NW & S (New 5' MH)	
2357	3+97	20' L	4548.84	4531.09	-17.75			SS	
2358	4+47	15' L	4542.75	4529.79	-12.96			SS	
2361	4+97	20' L	4539.45	4528.48	-10.97			SS	
2363	5+47	20' L	4537.52	4527.18	-10.34			SS	
2365	5+89.8	20' L	4536.16	4525.87	-10.29	4538.88	2.72	INV. SE (New 4' MH)	2.00%
2366	5+89.8	25' L	4536.36	4526.06	-10.3	4538.88	2.52	INV. W (New 4' MH)	
2369	6+08.2	20'R	4538.18	4525.3	-12.88	4538.6	0.42	INV. E (New 4' MH)	
2367	6+08.2	25'R	4538.46	4525.3	-13.16	4538.6	0.14	INV. E (New 4' Manhole)	

\*Rim elevations to match finish grade. Contractor to verify rim elevtions