



CITY of MIDWEST CITY
COMMUNITY DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

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Brandon Bundy, P.E., City Engineer

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COMPREHENSIVE PLANNER
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Christine Brakefield, Building Official
GIS DIVISION
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STANDARD PROCEDURES FOR STAKING OF CONSTRUCTION PROJECTS

PAVING:

1. Cut stakes shall be set on both sides of the street at a maximum spacing of 50 feet. All PC, PT and PVC shall be staked.
2. Radius points for all street intersections shall be staked.
3. The flat shall show offset and if it is to face the front of curb (fc) or back of curb (bc).
4. If there is unusual construction such as omission of curb, this shall also be staked.

WATER LINES:

1. The water lines shall be staked at a maximum spacing of 100 feet. The offset shall be shown on each stake.
2. The terminus or curb stop end of a long service shall be staked.
3. The locations of all tees, crosses, valves, fire hydrants and short services shall be staked along the main line. Fire hydrants shall be double staked. (Example: 5 foot and 10 foot offsets)
4. The water line stakes shall show minimum cut.
5. The areas of possible conflict with sewer or drainage structures, the water line shall be staked to prevent problems with later construction.

SANITARY SEWER:

1. The sewer line shall be staked a maximum of 100 feet if a laser is used. The sanitary sewer line shall be staked 50 feet if batter boards are used.
2. The locations of all manholes shall be staked. The cut stakes shall show both influent and effluent elevations, if different.
3. On long ductile iron service lines under the street, the location and cut to the flowline shall be staked.
4. If the line is over 10 feet deep, the location of each riser shall be staked.

STORM SEWER:

1. The line shall be staked a maximum of 100 feet if a laser is used. The storm sewer shall be staked 50 feet if batter boards are used.
2. The locations of manholes, junction boxes, inlets, etc. shall be staked. The cut stakes shall show both influent and effluent elevations, if different.

**DON'T ASSUME THE CONTRACTOR OR INSPECTOR
CAN READ YOUR MIND!**