

**City of Arlington Butler-Hammer Property Site Survey
Anticipated Project Tasks**

The City requests a quotation for a survey of the City's property northwest of the intersection of SR 9 and SR 530 to support the design for a constructed stormwater wetland. The following outline documents the features and level of effort we anticipate to complete the survey. Please be sure to include a total cost estimate with and without Task 2g, ordinary high water mark (OHWM) survey.

- 1) SETUP
 - a. Project start-up; map and field prep

- 2) STAKING AND TOPO
 - a. Property boundaries, including the adjacent WSDOT wetland boundary
 - b. Topography from and including SR 9 and SR 530 to the vegetation line of the river (just N of the levee); Contour interval on the floodplain in the vicinity of the wetland work area should be one foot; Contour interval on the SR 9 embankment may be 2 feet; Note that less detail is required further away (more than about 100 ft) from the intended work area; the attached sketch map gives an idea of the primary work area
 - c. Surface features (building corners, well, utility poles, pavement, traffic lines, sidewalks, surficial drainage features) within 100 ft of the work area – see map.
 - d. Berm elevations (levee, SR 9 embankment) – Base of slope and top of slope only, except where storm pipe may be bored under SR 9
 - e. All pipes and utilities, including main storm line in SR9 ROW from Division/SR530 intersection north to Burke Ave (underground structures to be located by the City).
 - f. Miscellaneous flagged features in the field –not more than 20, including test pit locations, well, drain field corners
 - g. OHWM—not more than 20-25 pre-flagged locations located along 800-1000 feet of the south bank of the Stillaguamish River from about the railroad trestle downstream to a point about 500 downstream of the SR 9 bridge. Land cover is a mix of open park and deciduous forest with dense understory. *The City considers this item optional and it may or not be included (at the City's discretion). Please quote this item separately.*

- 3) MAPPING
 - a. AutoCAD file, meeting City standard projection, NAVD 1988 datum preferred
 - b. Base map of existing site conditions, high quality paper, approx 36"x48", 3 copies

- 4) RECORDING BOUNDARY SURVEY
 - a. Fees at Snohomish County