



Highway Department
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Project Name: Right of Way & Topographic Survey of Killlearn Road

Background:

The Town of Washington is evaluating the entirety of Killlearn Road for highway and drainage improvements. The Town will need to determine the existing highway boundary and topographical features of the road prior to planning proposed improvements. The Town is seeking proposals from qualified firms to perform a Right of Way and Topographic Survey of Killlearn Road, within in the project limits designated below.

Scope Requirements:

Services shall include for the following:

Standards:

- Services shall be conducted in accordance with the Current Existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. and the guidelines of the New York State Education Department and the State Board of Engineers and Land Surveyors.

Project Limits:

- Starting at the Intersection of Killlearn Road and NYS Route 343, heading south along Killlearn Road for approximately 3.25± miles to the intersection of Killlearn Road and Chestnut Ridge Road (Dutchess County Rte. 23). This 3.25± miles of project limits shall be referred to as the “corridor”.
- Width along the corridor for topographic features shall be 50-ft each way from the existing centerline of road (100-ft total width).
- Highway boundary along the entire corridor shall be determined at whatever width it exists from the centerline of road.
- Easement locations (see Right of Way Requirements below).

Coordinate Systems:

- Survey shall be conducted in horizontal datum NAD83(2011) NY State Plane East Zone and the vertical datum NAVD88. These datums shall be clearly labeled on plans.
- No assumed coordinate systems.

Right of Way Requirements:

- Conduct deed, title and record research as required to determine boundaries and easements along the corridor.
- Highway boundary and ownership of the corridor shall be determined and clearly labeled on deliverables.
- Current adjoining parcel owners and physical address on Killlearn Road shall be clearly labeled on deliverables.
- Adjoiner parcel "sideline" boundaries shall be determined near the highway boundary adequately for any required FEE or easement takings needed in the future.
- Locate all wetlands in the area of concern.
- Acquisition mapping is not included in this scope. Determining the entirety of adjoiner parcel boundaries is not required for this scope.
- Existing easements, particularly easements for drainage, shall be mapped and/or labeled on deliverables within the corridor limits if record of such is found. If drainage easements continue into adjoining parcels, the qualified firm shall map those easements to their terminus within the adjoining parcels in the fashion of a "deed plot". Topographic information within these easements that are outside of the project limits listed above is not required.

Topographic Survey Requirements:

- Prepare a topographic survey map of the corridor limits listed above that is a graphic pictorial representation of existing site features observed at the time of the field survey including but not limited to buildings, curbs, sidewalks, roadways, driveways, retaining walls, fences, individual trees in open areas, utility hardware, and other notable physical features.
- The topographic map will depict existing contours (elevations) at a one-(1) foot contour interval.
- Limits of wooded areas shall be depicted based on the approximate dripline, but individual trees within heavily wooded areas will not be surveyed.
- Significant standalone individual trees not within heavily wooded areas but along the edge of Killlearn Road should be located as their removal may be necessary for future improvements. Qualified firm may use their discretion for individual tree locations. A "Tree Survey" is not required.
- Visible and accessible utilities and/or utility structures within the limits as described above will be surveyed and shown on the plan to include rim, grate and invert elevations, and pipe sizes entering and/or exiting the structures. For the purposes of this scope, accessible utilities shall be defined as those utilities that are visible to the naked eye at ground level and are safely accessible by foot for field survey personnel without the need for additional safety measures and/or assistance with making pipes visible, open, and clear for inspection and measuring.
- Visible stream centerlines, waterbodies, and ditches on public or private lands within the topographic project limits shall be located.

Deliverable Requirements:

- Final survey shall be delivered as hard copy plans with NYS Professional Land Surveyor's stamp affixed to each plan sheet.
- Digitally sealed copy of the final survey in pdf format.
- Copies of all record research (deeds, maps, titles, etc.) obtained for this survey, in pdf format.
- AutoCAD drawing files of the completed survey, including surface files for the Killlearn Road at established limits of work. Files shall be saved to 2018 format. Use of Autodesk Civil3D is preferred.
- Electronic copies of above noted documents shall be delivered on flash drive to the Town. Additional electronic copies shall be available upon request for the period of 5 years from contract completion.

Schedule:

The Town of Washington requires a proposal no later than 12pm on Wednesday, March 8, 2023. The selected firm must be prepared to begin services within 4 weeks of this submitted proposal. Services shall be completed within 6 to 8 weeks from signed contract.

Response Requirements:

Submit a lump sum fee proposal for all required work to be performed. Proposal shall include written scope of work to be provided and any assumptions or exclusions. Submit one (1) copy of the proposal per the schedule above, to be delivered electronically to: hwydept@washingtontny.org. This request does not obligate the Town of Washington to award a contract, or pay any costs incurred in the preparation of the proposal. All information and material submitted in response to the request will become the property of the Town of Washington.