

CLSA Central Valley Chapter San Joaquin County Liaison Committee

Preliminary Scope of Professional Services for Restoration of Public Land Survey System Corners Using San Joaquin County Monument Preservation Funds

Subject Corner Description: A description of the subject corner will go here.

Task 1: Boundary Research

The consultant will research all documents in the public record that provide evidence of the subject corner location. This includes documents filed or recorded with San Joaquin County and adjacent counties, such as Record of Survey Maps, Parcel Maps, Subdivision Maps, Corner Records, and Deeds. It also includes documents that may not be filed or recorded, such as Chas Widdows Maps, the San Joaquin County Section Corner Book, Pandora's Box at the San Joaquin County Surveyor's Office, and San Joaquin County Surveyor field notes.

Task Deliverables:

- One digital copy of all documents obtained during boundary research.

Task 2: Boundary Field Surveys

The consultant will perform boundary field surveys necessary to locate evidence that will be used to establish the location of the subject corner. This evidence may include, but is not limited to, the following:

- Property corner monuments.
- Natural features called for in deeds or shown on filed survey maps.
- Occupation along parcel boundaries.

Task 3: Preliminary Boundary Mapping

The consultant will prepare a preliminary model of the parcel boundaries related to or controlled by the subject corner. Alternative positions of the subject corner created by discrepancies in evidence of boundary location will be noted by the consultant. The consultant will determine a location for the subject corner based on good professional judgment and the available evidence. He will use the preliminary boundary mapping to prepare a preliminary Record of Survey and preliminary boundary analysis report. These will be presented to the San Joaquin County Surveyor and CLSA San Joaquin County Government Liaison Committee for review and comment.

Task Understandings:

- The CLSA Government Liaison Committee will not have the authority to dictate the final subject corner location, the content of the boundary analysis report, or the content and form of the Record of Survey. Review comments will be provided by the committee as a courtesy. They may be kept in the County files or recorded on the Record of Survey at the request of the County Surveyor.

Task 4: Monument Restoration

The consultant will restore the subject corner according to San Joaquin County standards. This may require setting, resetting, or rehabilitating the monument marking the subject corner. If necessary, the consultant will coordinate with San Joaquin County Public Works Department or parcel owners to determine the most suitable type of monument to set or reset. If the subject corner can't be practically monumented, a suitable witness monument (or monuments) will be set at a location determined by the consultant.

Task 5: Section 8762 Record of Survey

The consultant will prepare and file with San Joaquin County a Record of Survey map that meets the requirements of Section 8762 of the California Land Surveyors Act as for work the consultant has performed related to the subject corner.

Task 6: Boundary Analysis Report

The consultant will provide the County Surveyor with a final boundary analysis report for review in addition to the final Record of Survey map. The Surveyor's Report will contain the following information:

- Boundary research performed, including date, time, location, surveyor name, and results of research.
- Description of property corner monuments searched for, including search radius, search depth, surveyor name, monument description, monument condition and search results.
- Explanation of techniques used to collect and adjust field data, including the type of equipment, software, and adjustment method.
- Explanation of discrepancies or conflicts discovered during preliminary boundary mapping. If resolution of the conflict or discrepancy is within the scope of work needed to restore the subject corner, the alternative solutions to the conflict or discrepancy, and the final selected solution, and the reasons for the final selected solution will be given.
- Analysis of how physical occupation was used to determine the location of the restored corner, if at all.
- Analysis of how physical occupation fits the parcel boundaries after the restoration of the corner.
- A list of all parcels with boundaries impacted by the subject corner restoration. This list should include the tax assessor parcel number,

address, owner name, and current vesting grant deed recording reference for each parcel.

- Field photographs with descriptions.
- Field survey notes.