



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

California State Office
2800 Cottage Way, Suite W1834
Sacramento, CA 95825
www.ca.blm.gov

July 16, 2009

In Reply Refer To:

9621 (LLCA942300)P
Gp1584

Special Instructions Group No. 1584, California

Providing for the Dependent Resurvey
of a Portion of the West Boundary
of the Colorado River Indian Reservation,
identical with the Adjusted Meanders of the Right Bank of the Colorado River,
through Section 36, Township 2 South, Range 23 East,
and through
Township 3 South, Range 23 East,
and through
Township 4 South, Range 23 East,
and through
Sections 1 and 12,
Township 5 South, Range 23 East,
San Bernardino Meridian, California

In the execution of the surveys included under Group No. 1584, California, the Land Surveyor is authorized and directed to make the described examinations, retracements, reestablishment of points of control, surveys, and resurveys set out in these instructions. The Manual of Surveying Instructions 1973, current policies of the California Branch of Geographic Services, and the provisions of these Special Instructions will guide the Land Surveyor. The Land Surveyor will also be guided by such supplemental instructions as may be issued pursuant to the report of complications developed during the progress of the work or due to additional authorization.

AUTHORITY

Approval of these instructions provides the necessary authority to proceed with the described fieldwork. See the request for cadastral survey, signed by Bryan L. Bowker, Bureau of Indian Affairs, Western Regional Director, on November 15, 2006.

APPROPRIATION

The cost of the work incurred in the execution of the surveys herein, within approved official regulations, is payable from funds provided by the Bureau of Indian Affairs. BLM Land Surveyors will identify all charges for accounting purposes with the following cost code: LLCA942000 / L19100000.xx0000 / LRCMB9W03427. Replace the xx with the proper program element (PE).

HISTORY OF SURVEYS

T. 2 S., R. 23 E.

- 1875: C. Robbins surveyed the boundaries of the Colorado River Indian Reservation.
- 1879: W.F. Benson surveyed a portion of the subdivisional lines and resurveyed the meanders of the right bank of the Colorado River through section 36.

The Robbins and Benson surveys are shown on the township plat approved May 22, 1879.

- 1958: L.P. Lewis resurveyed a portion of the south boundary, a portion of the subdivisional lines, and the meanders of the right bank of the Colorado River through section 36, as shown on the plat accepted July 22, 1958.
- 1973: J.H. Nelson resurveyed a portion of the subdivisional lines and the meanders of the right bank of the Colorado River through section 36, as shown on the plat accepted August 30, 1973.

T. 3 S. R. 23 E.

- 1856: H. Washington surveyed portions of the north and west boundaries.
- 1879: W. F. Benson surveyed portions of the south, west and north boundaries, a portion of the subdivisional lines, and the meanders of the right bank of the Colorado River.

The Washington and Benson surveys are shown on the plat approved May 22, 1879.

- 1956: Leland P. Lewis resurveyed a portion of the south boundary and subdivisional lines, completed the survey of the south boundary, and completed the survey of sections 16 and 21, as shown on the plat approved December 18, 1961.
- 1958: Leland P. Lewis resurveyed portions of the south and north boundaries, subdivisional lines, and meanders on the right bank of the Colorado River, as shown on the plat approved July 22, 1958.
- 1960-61: Harold D. Corbin surveyed the accretions on the right bank of the Colorado River in sections 13, 14, 23, 24, 25, 26, 35 and 36, as shown on the plat approved May 21, 1962. This plat, as it affected lands in section 36, was suspended by memorandum dated January 27, 1964, in conformance with the opinion of the Associate Solicitor dated January 6, 1964 (J-61-2003.10). Later, this plat was reinstated, per secretary's memorandum dated January 17, 1969.
- 1964: Donald A. Cannon executed a correction survey of accreted lands in section 36, as shown on the plat accepted October 28, 1964. This plat was suspended by secretary's memorandum dated January 17, 1969.

T. 4 S. R. 23 E.

- 1874: O. P. Calloway surveyed a portion of the First Standard Parallel South.
- 1879: W. F. Benson surveyed portions of the First Standard Parallel South, a portion of the north boundary, a portion of the subdivisional lines, and the meanders of the right bank of the Colorado River.

The Calloway and Benson surveys are shown on the plat approved May 22, 1879.

- 1916: W. J. Lightfoot retraced, resurveyed and surveyed portions of the First Standard Parallel South, as shown on the plat for T. 5 S., R. 23 E., approved April 21, 1917.
- 1956: Leland P. Lewis resurveyed and surveyed portions of the north boundary, and Roger F. Wilson and Leland P. Lewis resurveyed a portion of the subdivisional lines, and completed the survey of section 16, as shown on the plat approved December 18, 1961.
- 1958: Leland P. Lewis resurveyed a portion of the First Standard Parallel South, a portion of the north boundary, a portion of the subdivisional lines, and the meanders on the right bank of the Colorado River, as shown on the plat approved July 22, 1958.
- 1961: Harold D. Corbin surveyed the accretions on the right bank of the Colorado River in sections 1, 2, 11, 12, 13, 14, 23, 24, 25, 26, 35 and 36, as shown on the plat approved May 21, 1962. This plat, as it affected lands in section 36, was suspended by memorandum dated January 27, 1964, in conformance with the opinion of the Associate Solicitor dated January 6, 1964 (J-61-2003.10). Later, this plat was reinstated, per secretary's memorandum dated January 17, 1969.
- 1964: Donald A. Cannon performed a corrective survey to correct the accretions of section 36, as shown on the plat approved October 28, 1964. This plat was suspended by secretary's memorandum dated January 17, 1969.

T. 5 S. R. 23 E.

- 1855: H. Washington surveyed a portion of the First Standard Parallel South, and a portion of the subdivisional lines.
- 1873: O.P. Callaway surveyed a portion of the First Standard Parallel South, and a portion of the subdivisional lines and the meanders of the right bank of the Colorado River.
- The Washington and Callaway surveys are as shown on the plat approved December 28, 1874.
- 1878: W.F. Benson surveyed a portion of the First Standard Parallel South, and a portion of the subdivisional lines, as shown on the plat approved May 22, 1879.
- 1916: W.J. Lightfoot retraced, resurveyed and surveyed portions of the First Standard Parallel South, retraced and resurveyed portions of the south boundary and subdivisional lines, and completed the survey of the subdivisional lines, as shown on the plat approved April 21, 1917.
- 1958: R. F. Wilson resurveyed portions of the north, east and south boundaries, subdivisional lines and meanders of the right bank of the Colorado River, as shown on the plat accepted July 22, 1958.
- 1961: H.D. Corbin surveyed the accretions in sections 1 and 12, on the right bank of the Colorado River, as shown on the plat accepted May 21, 1962.

LIMIT AND CHARACTER OF WORK, AND METHOD OF PROCEDURE

The fieldwork embraced in this authorization is limited to the surveys described herein. This project provides the Colorado River Tribe with manageable boundaries along a portion of their reservation west boundary, in Tps. 2, 3, 4 and 5 S., Rs. 23 E., San Bernardino Meridian.

The Land Surveyor is required to execute a dependent resurvey of the west boundary of the Colorado River Indian Reservation, through section 36, T. 2 S., R. 23 E.; through T. 3 S., R. 23 E.; through T. 4 S., R. 23 E.; and through sections 1 and 12, T. 5 S., R. 23 E., San Bernardino Meridian, California. Said west boundary is based on the meander lines of the right bank of the Colorado River as originally surveyed by W.F. Benson in Tps. 2, 3 and 4 S., Rs. 23 E., and by O.P. Calloway in T. 5 S., R. 23 E.

Additional line deemed necessary to control or to corroborate the location of the west boundary of the Colorado River Indian Reservation, is authorized.

The Land Surveyor is responsible for obtaining and analyzing local data pertinent to the survey, including recorded and unrecorded private surveys, and local government surveys.

Corner positions forming angle points on the exterior boundary of the federal interest lands, within the scope of these instructions, and the outermost corners of control, will be monumented or remonumented with standard BLM monuments. Exceptions to this monumentation requirement may be made where substantial, durable, and uniquely identifiable monuments already mark positions.

A closure will be formed on all lines of this survey. The project lines may be surveyed with GPS equipment, conventional survey equipment, or a combination of the two. The maximum acceptable error-of-closure ratio using conventional survey methods for surveyed lines will be one part in five thousand (1:5,000). All GPS measurements will conform to IM No. 2001-186, Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods dated July 26, 2001. Please contact Dan Schank, Geodesist, at 916-978-4318 or his cell phone (916) 296-2557 for questions on this memorandum.

FIELD NOTES, PLATS, AND REPORTS

The survey record will contain a summarized account of the technical details of the entire procedure. It will provide the accurate course and length of each line surveyed, and a comprehensive record of how each corner position was determined. An inserted "Note" may be appropriate where complicated or unusual methods were implemented. Local records will be fully referenced, along with a justification for acceptance or rejection. Finally, a complete description of the monumentation at each corner is given, including ties to accessories, and a "Corner is located . . ." statement is desirable.

All aspects of the surveys, including field notes and true line diagrams, will be done according to the current published policies of the California Branch of Geographic Services. The true line diagrams (*Manual, 3-127*), form the basis of the official plat, which is a complete graphic representation of the public lands surveyed. Upon completion of the fieldwork, the field notes and true line diagrams will be submitted to this office. They will be examined according to current Branch of Geographic Services policy. The finalized record will be transmitted to the Chief Cadastral Surveyor for approval and acceptance.

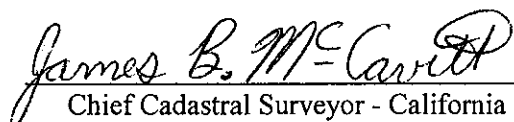
MODIFICATION OF INSTRUCTIONS

Should an occasion develop which demands additional instruction, requires an interpretation of these instructions, or which makes these instructions inapplicable as prepared, the Land Surveyor will submit a report of the situation, with a recommendation, for state office consideration and action.

ACCOMPANYING DATA

Request for Cadastral Survey
Master Title Plat
Historical Index
Color Copy of the Survey Index Card
Prior BLM and GLO Surveys

APPROVED

 ACTING
Chief Cadastral Surveyor - California