

**WEBER HYDROELECTRIC PROJECT
(FERC No. 1744)**

**~~DRAFT~~ FINAL APPLICATION FOR NEW LICENSE
FOR MAJOR CONSTRUCTED PROJECT LESS THAN 5MW**

EXHIBIT G

PROJECT MAPS



~~DECEMBER 2017~~ MAY 2018

**DRAFT-FINAL APPLICATION FOR NEW LICENSE
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PACIFICORP

**EXHIBIT G
PROJECT MAPS**

The Weber Hydroelectric Project is located in Weber, Morgan, and Davis counties in the state of Utah. The existing Exhibit G contains three drawings listed below in Table 1.

Table 1. Existing Exhibit G Drawings

Exhibit Sheet	FERC Drawing No.	Title/Showing	Approval Order Date
G-1	1744-19	Project Layout	6/28/1990
G-2	1744-20	Recreation and Forebay Sites	6/28/1990
G-3	1744-21	Existing Weber Plant Site	6/28/1990

The revised Exhibit G replaces the three current drawings with four newly created sheets that consist of a series of three overlapping maps depicting the proposed Project Boundary location and principal features of the Project and a fourth sheet with coordinates, distances, and descriptions for the boundary and flowline (buried pipeline center line) shown on the maps (Table 2). These maps also delineate the land ownership and property interests within that boundary. ~~For As part of With~~ theis Weber Final License Application, PacifiCorp will also submit (via overnight delivery) three CDs containing Geographic Information System (GIS) shapefiles for the Project Boundary, federal lands within the boundary, and geo-reference control points, along with and metadata text files ~~(on CD) for with the electronic filing.~~

The existing FERC Project Boundary occupies a total of 18.48 acres, of which approximately 15.51 acres (according to the list on sheet G-1, FERC drawing no. 1744-19) are lands of the United States administered by the U.S. Forest Service (USFS).

Table 2. Revised Exhibit G Drawings

Exhibit Sheet	FERC Drawing No.	Title/Showing
G-1	1744-__	Project Boundary Map/shows eastern part of Project
G-2	1744-__	Project Boundary Map/shows central part of Project
G-3	1744-__	Project Boundary Map/shows western part of Project
G-4	1744-__	Project Boundary Description

PacifiCorp proposes to revise the Project Boundary ~~under the next license term~~ to include additional areas needed for operation and maintenance and exclude areas outside of Project influence. The revised exhibits improve the alignment of the boundary with existing features based on new survey data and aerial imagery ([see Figures 1a, b, and c, which detail both the existing and the proposed Project Boundary, and which clearly show the differences between the two](#)). The proposed Project Boundary would occupy a total of 18.08 acres, of which approximately 14.94 acres are lands of the United States administered by the USFS. There is a short segment of transmission line between the powerhouse building and the adjacent substation that occupies approximately 0.02 acres of lands of the United States (0.02 acres occupied by transmission line and the remaining 14.92 acres not occupied by transmission line).

There are several proposed changes to the Project Boundary on federally-owned lands (see [Figures 1a, b, and c and Revised Exhibit G sheets G-1 and G-3 \[included in Attachment 1\]](#)). On revised sheet G-1, the first change includes adjusting the alignment of the Project Boundary along the forebay and recreation area to more accurately follow existing features. The forebay shoreline at the normal maximum pool elevation as depicted on the original Exhibit G sheet G-2 (FERC drawing no. 1744-20), remains the intended boundary but the traverse description on that drawing did not align well with the actual forebay location. The proposed Project Boundary improves alignment with the forebay. Likewise, the portion of the boundary that extends around the recreation area on the north side of the forebay, as shown on the original Exhibit G sheet G-2, required slight adjustments to improve the alignment with existing recreation area features. The proposed Project Boundary continues to run along the north side of the recreation area fence but now it closely follows the north side of the recreation area access road to the junction with the Interstate Highway 84 (I-84) rest area access road which avoids encroachment on the I-84 rest area. The other proposed change in this vicinity includes expanding the boundary approximately 520 feet downstream of the dam to incorporate the river and riparian area that lies between the recreation site and the flowline to provide a management buffer downstream of the dam.

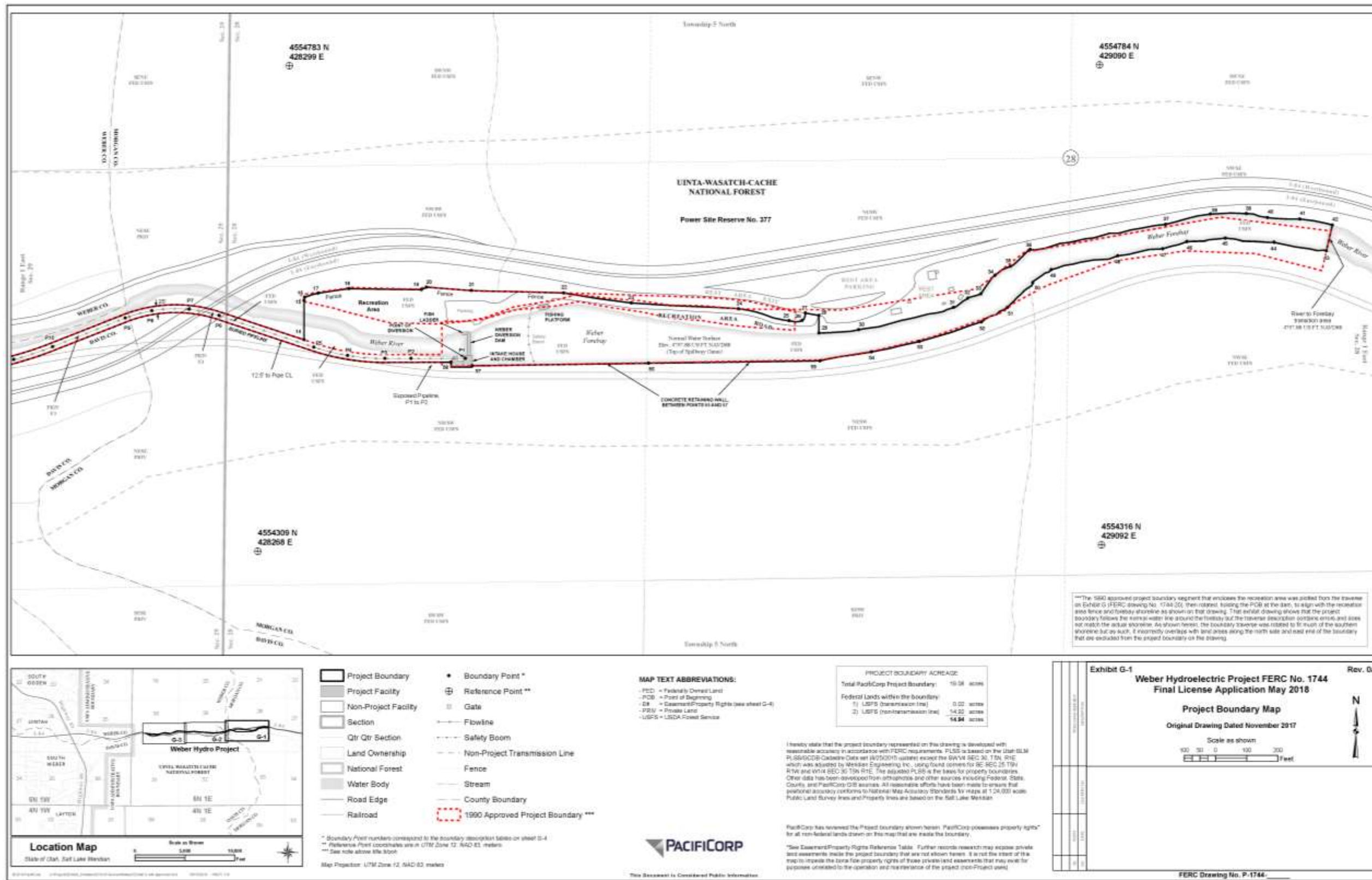


Figure 1a. Project Boundary Comparison Map/Eastern Part

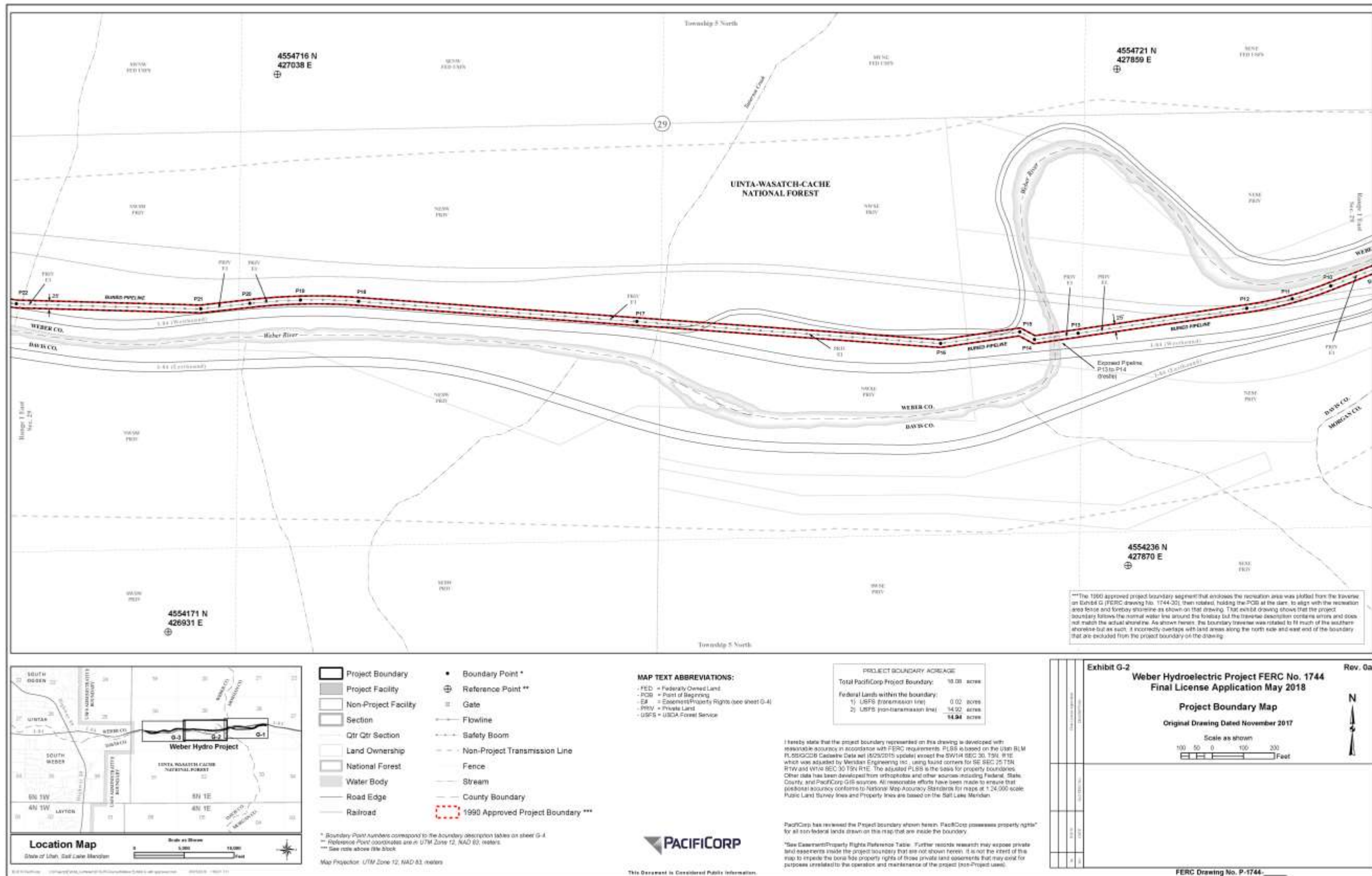


Figure 1b. Project Boundary Comparison Map/Central Part

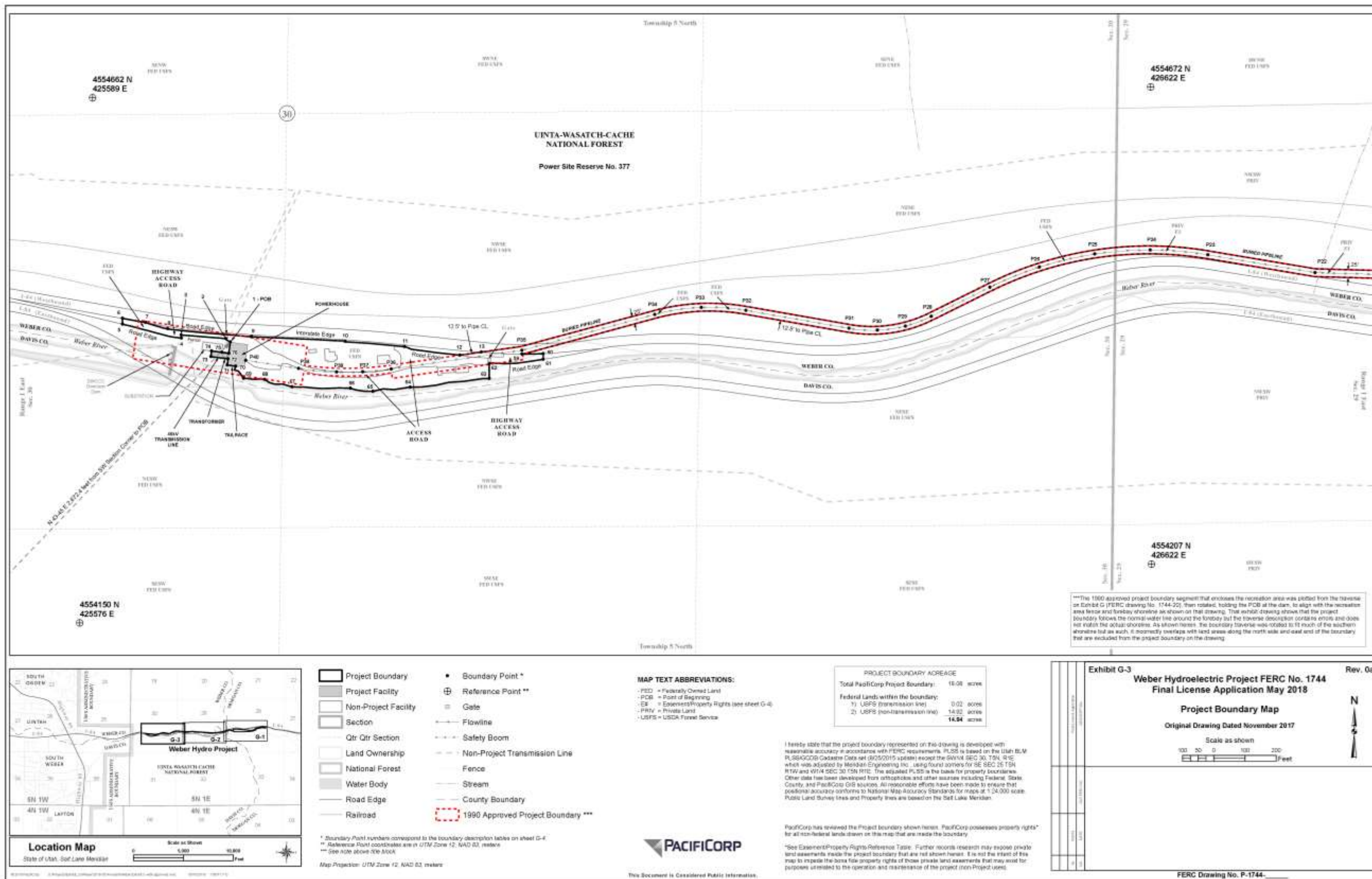


Figure 1c. Project Boundary Comparison Map/Western Part

The Project is located within the Uinta-Wasatch-Cache National Forest administrative boundary; however, the central portion of the Project in Section 29 T5N R1E SLM is located on privately [owned land-ownership](#). For this area, the proposed Project Boundary maintains the same 25-foot width along the flowline (12.5 feet on each side of the center line of the flowline) as the existing boundary (see revised Exhibit sheet G-2).

West of the section line between Section 29 and 30 T5N R1E SLM, the flowline and powerhouse are located on federally owned land. Once the flowline crosses under I-84 the proposed Project Boundary expands to include the I-84 access ramp and the area between I-84, the Weber River, and the downstream side of the powerhouse. This part of the proposed Project Boundary has been widened to include access roads, buildings, and maintenance areas that are currently used by the Project.

Downstream of the powerhouse, the proposed Project Boundary has been reduced to include only the small area occupied by the Project transmission line (excluding the substation) and the access road and I-84 access ramp. The changes around the powerhouse are intended to include only those areas that are needed for the Project rather than the arbitrary rectangular area that defines the existing boundary.

A Public Land Survey System (PLSS) description of lands of the United States located within the proposed Project Boundary and identified on these maps can be found in Table 3.

Table 3. Description of Federal Lands within the Project Boundary

Federal Lands not occupied by Transmission Line				
PLSS Township and Range, Salt Lake Meridian	PLSS Section	Subdivision Section	Acres	Agency Jurisdiction
T5N, R1E	28	Portions of the NW 1/4 of the SE 1/4	1.52	USFS
T5N, R1E	28	Portions of the NE 1/4 of the SW 1/4	3.69	USFS
T5N, R1E	28	Portions of the NW 1/4 of the SW 1/4	5.80	USFS
T5N, R1E	30	Portions of the NE 1/4 of the SE 1/4	0.79	USFS
T5N, R1E	30	Portions of the NW 1/4 of the SE 1/4	2.44	USFS
T5N, R1E	30	Portions of the NE 1/4 of the SW 1/4	0.68	USFS
Federal Lands occupied by Transmission Line				
T5N, R1E	30	Portions of the NE 1/4 of the SW 1/4	0.02	USFS
		Total Acreage	14.94	

ATTACHMENT 1: REVISED EXHIBIT G SHEETS