EXHIBIT B

UNITED STATES OF AMERICA BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

PacifiCorp)	Project No. P-2082-062
)	
and)	
)	
Klamath River Renewal Corporation)	Project No. P-14803-000

PACIFICORP'S RESPONSES TO ADDITIONAL INFORMATION REQUEST QUESTION NOS. 7, 8, 9 AND 11

I. INTRODUCTION

On April 24, 2017, the Federal Energy Regulatory Commission (FERC or Commission) issued an Additional Information Request (AIR) in connection with PacifiCorp's and the Klamath River Renewal Corporation's (KRRC) Joint Application for Approval of License Amendment and License Transfer (Joint Transfer Application). PacifiCorp and KRRC conferred and determined that it was most appropriate for KRRC to respond to AIR questions 1, 2, 3, 4, 5, 6 and 10, and for PacifiCorp to respond to AIR questions 7, 8, 9 and 11.

Accordingly, PacifiCorp has prepared the responses to AIR questions 7, 8, 9 and 11 below. These responses are solely and exclusively attributable to PacifiCorp.

II. PACIFICORP'S RESPONSES TO AIR QUESTIONS 7, 8, 9 AND 11

AIR Question 7

Section 7.5 of the Klamath Hydroelectric Settlement Agreement in Attachment A of the September 23, 2016 Transfer Application states that PacifiCorp and the Bureau of Reclamation have entered into an agreement to transfer the Keno development from PacifiCorp to Interior.

The September 23, 2016 Transfer Application, however, does not request to remove the Keno development from the project. The final Environmental Impact Statement for relicensing of the Klamath Hydroelectric Project, issued on November 16, 2007, found that the Keno development "results in no benefit to, or a small net loss of, generation at PacifiCorp's downstream developments." (Final EIS at 5-71). The Commission has found that developments that do not significantly benefit downstream generation do not require licensing. Please state whether you would like the Commission to consider whether the Keno development can be removed from the project.

PacifiCorp Response 7

PacifiCorp is not requesting that the Commission consider whether the Keno development can be removed from the Klamath Hydroelectric Project at this time. PacifiCorp intends to file a request that the Commission remove the Keno development from the project boundary after the KRRC accepts the new license for the Lower Klamath Project.

AIR Question 8

Section 7.6.6 of the Klamath Hydroelectric Settlement Agreement filed as Attachment A of the September 23, 2016 Transfer Application provides that the Iron Gate Hatchery will be transferred to the state of California upon the transfer of the Iron Gate development to the Klamath River Renewal Corporation. The September 23, 2016 Transfer Application, however, does not request to transfer ownership of the Iron Gate Hatchery or to remove the hatchery from the project license. Please explain whether and how you intend to request to transfer ownership of the Iron Gate Hatchery.

PacifiCorp Response 8

The Joint Transfer Application includes the Iron Gate Hatchery in the portions of the Klamath Hydroelectric Project to be designated as the Lower Klamath Project (see Joint Transfer Application, Attachments C and E). As this question acknowledges, Section 7.6.6 of the Klamath Hydroelectric Settlement Agreement provides that the Iron Gate Hatchery will be transferred to the state of California as part of the negotiated settlement related to removal of the four mainstem dams of the Klamath Project. Section 7.6.6 states that the transfer will be effectuated either "at the time of transfer to the DRE of the Iron Gate Hydro Development or such other time agreed by the Parties." Implementation of this provision is a matter of ongoing discussion by and between KRRC, the state of California will be effectuated in compliance with FERC processes, policy, and precedent.

AIR Question 9

Section 9.2 of the Operations and Maintenance Agreement in Attachment A of the March 1, 2017 Supplemental Filing states that "PacifiCorp shall notify KRCC prior to undertaking any material modification or alteration to the facilities." Is PacifiCorp contemplating any material modifications or alterations?

PacifiCorp Response 9

No, PacifiCorp is not contemplating any material modifications or alterations to the facilities at this time.

AIR Question 11

On page 6 of the application, PacifiCorp says it has "included as Attachments D and E charts listing the exhibit drawings and maps for the Klamath Project (Project No. 2082) and for

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the portions of the Project to be designated as the Lower Klamath Project, indicating which development is depicted in each drawing or map. When the KRRC files the documents conveying titles to the Lower Klamath Project from PacifiCorp to the KRRC, it will also file for Commission approval the exhibits for the Lower Klamath Project with the correct project number designation. PacifiCorp will file updated exhibits for the Klamath Project (Project No. 2082) for Commission approval at that time."

Pursuant to the Commission's regulations at 18 CFR, section 4.201 (c), the amendment application must contain those exhibits that require revision in light of the nature of the proposed amendment. Therefore, the licensee must include with the amendment application revised exhibits F and G to reflect the proposed changes. Please refer to the attached list of current exhibit drawings under the license, and provide revised exhibits accordingly. Any exhibit drawings must be prepared in accordance with 18 CFR sections 4.39 and 4.41 (g) and (h).

PacifiCorp Response 11

The draft Exhibit M drawings for the Klamath Hydroelectric Project and the new Lower Klamath Project, filed respectively as Attachments B and C to the Joint Transfer Application, show the proposed project boundary changes.

Attached to this AIR response as Attachment H are provisional project boundary drawings that provide additional detail on the proposed boundary changes. To date, PacifiCorp has determined that three drawings require revisions in light of the proposed amendment. These are drawings 2082-124, 2082-125, and 2082-228, which represent the separation of the Copco and Fall Creek developments. PacifiCorp has prepared these provisional drawings to more clearly define the boundaries for the Klamath Hydroelectric Project and the new Lower Klamath

Project. The new drawing numbers are referenced in the table of exhibits included in Attachment H.

Development of updated Exhibits F and G for the Klamath Hydroelectric Project and the new Lower Klamath Project is currently underway. As the Commission is aware, preparation of new exhibits for large projects requires a substantial amount of effort. PacifiCorp respectfully requests additional time to continue developing the exhibits and greatly appreciates the Commission's flexibility in allowing for this work to be completed. PacifiCorp further reiterates here the request made in the Joint Transfer Application that updated exhibits for the Klamath Hydroelectric Project and the Lower Klamath Project be filed for approval at a later date, and that FERC approve the Joint Transfer Application based on the draft Exhibit M drawings filed as attachments to the Joint Transfer Application and further refined in the provisional project boundary drawings attached to this AIR response as Attachment H.

Below are the steps PacifiCorp is taking to develop the exhibits:

- Finalize list of exhibit drawings to update. As indicated above, three drawings require substantial revisions due to the proposed amendment. With respect to the remaining exhibit drawings, PacifiCorp is currently evaluating whether these drawings have to be updated to be fully compliant with current Commission standards. Once this evaluation is complete, PacifiCorp will have a full list of drawings that require updating. This list will further guide the efforts in Step 2, below.
- 2. **Collect information.** Collection of the data needed to update and verify the boundaries is currently underway. This involves retaining a survey company, reviewing title reports, collecting existing spatial data, verifying ownership, and identifying problem areas (including overlap, gaps, and ownership questions). It also requires field surveys and

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other research to resolve problem areas and updates to the spatial data supporting the project boundaries. Once the data collection is complete and the problem areas addressed, the data set will be subjected to quality control review.

3. **Redraw and submit revised exhibits.** Using the collected and verified data, the project boundaries will be re-drawn to fully meet Commission standards. These drawings will then be reviewed by PacifiCorp staff and provided to the surveyor for approval. Once approved by the surveyor, the updated exhibits will be filed with FERC for approval.

As to timing, PacifiCorp proposes to file with the Commission an update on development of the proposed Exhibits F and G for the Klamath Hydroelectric Project and the Lower Klamath Project by November 17, 2017.

III. CONCLUSION

PacifiCorp is available to answer any additional questions FERC staff may have on these issues or other matters regarding the Joint Transfer Application.

Respectfully submitted this 23rd day of June, 2017

<u>/s/ Hallie Meushaw</u> Hallie Meushaw Counsel for PacifiCorp Troutman Sanders 600 Peachtree Street, Suite 5200 Atlanta, Georgia 30308 (t) 404.885.3660 (f) 404.885.3900 (e) <u>hallie.meushaw@troutmansanders.com</u>

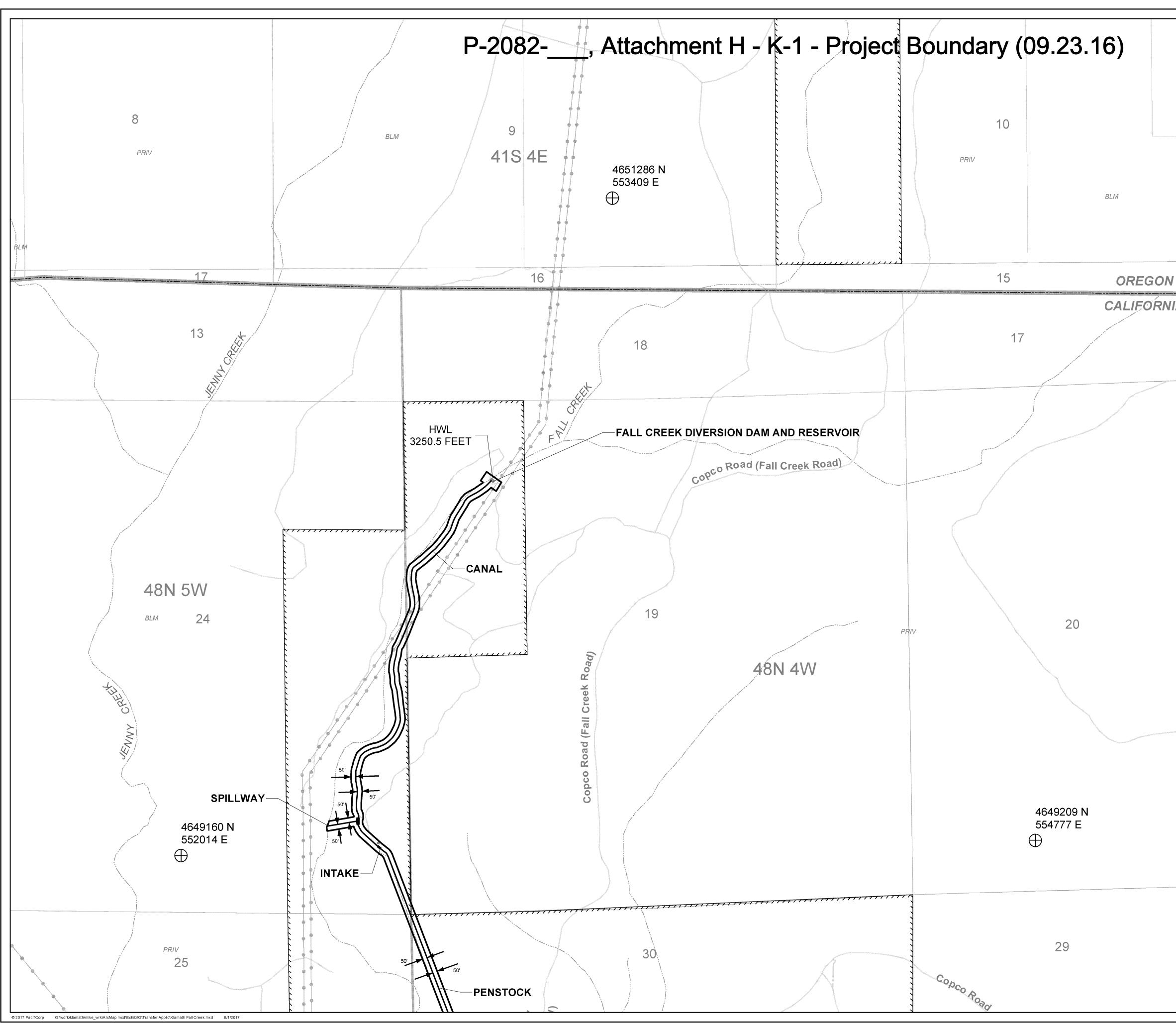
ATTACHMENT H Exhibit K Updates Matrix and Updated Maps

Attachment H - Exhibit K Updates Matrix and Updated Maps

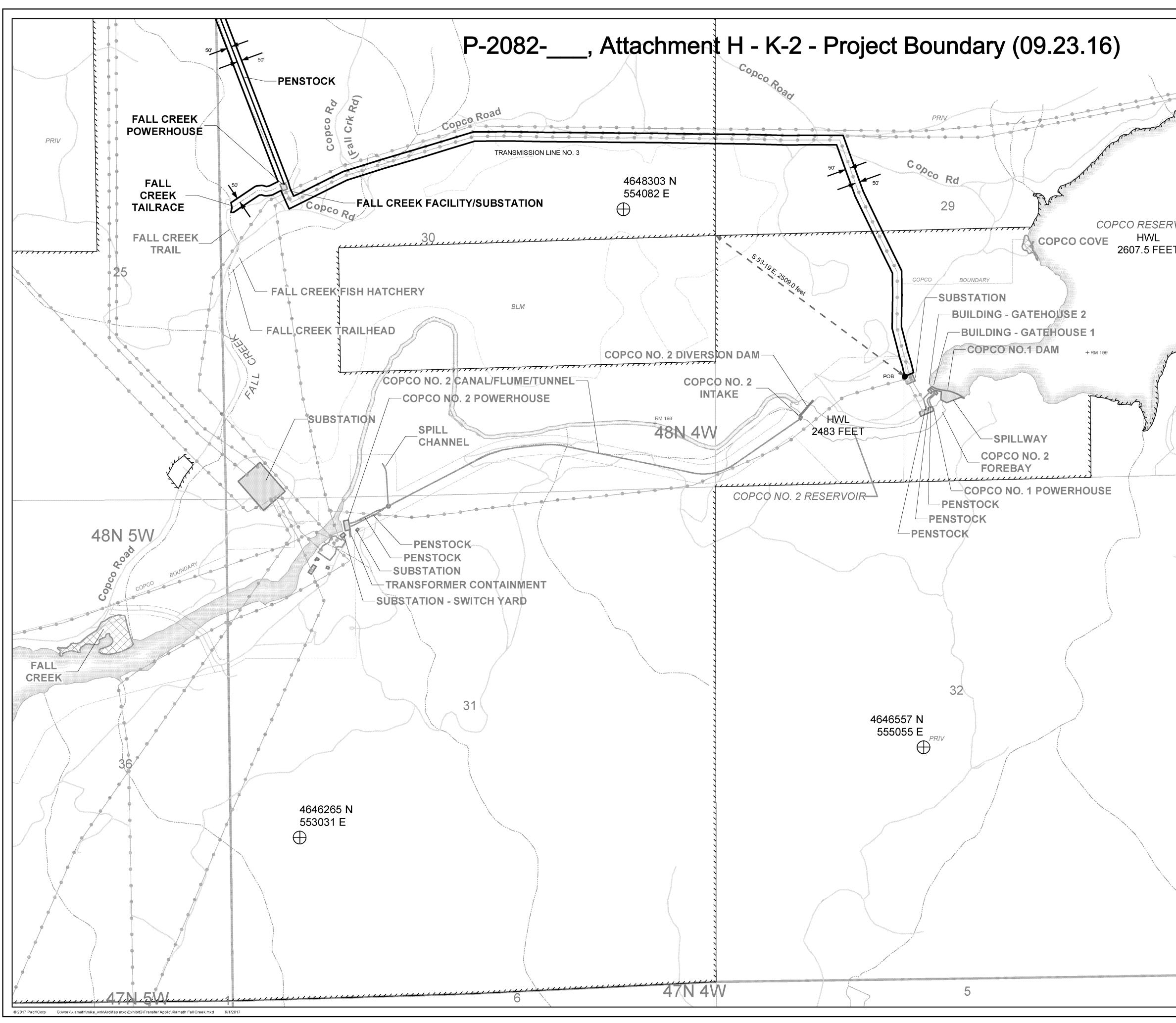
Project No.	Drawing No.	Exhibit No.	Exhibit sufix	Super- seded No.		Orderdate	Comment	Exhibit Revisions Proposed
2082	47	К-4	-1		Access Road Location	09/15/1959	Drawing revised in 10/30/63 order.	No change
2082	48	K-4	-2		Access Road Location	09/15/1959		No change
2082	49	K-4	-2		Access Road Location	09/15/1959		No change
2082	50	K-4	-4		Access Road Location	09/15/1959		No change
2082	51	K-4	-5	11	Topographic Map of Conduit, Forebay, Tunnel, Penstock, etc	09/15/1959		No change
2082	52	К-4	-6	12	Topographic Map of Conduit, Forebay, Tunnel, Penstock, etc	09/15/1959	Drawing revised in 10/30/63 order.	No change
2082	53	K-4	-7	13	Topographic Map of Conduit, Forebay, Tunnel, Penstock, etc	09/15/1959	Drawing revised in 10/30/63 order.	No change
2082	54	K-4	-8	14	Topographic Map of Conduit, Forebay, Tunnel, Penstock, etc	09/15/1959		No change
2082	55	K-4	-9	15	Topographic Map of Conduit, Forebay, Tunnel, Penstock, etc	09/15/1959		No change
2082	56	L-4	-1	1644	Diversion Dam-Plan, Section, Details, and Fish Protection Arrangements	09/15/1959	Drawing revised in 2/16/67 order.	No change
2082 2082	57 58	L-4 L-4	-2 -3	18 45	Tunnel, Penstock, and Surge Tank Profile and Details	09/15/1959		No change No change
					Forebay, Spillway, Deer Escape, Flume Plan, Section & Details	09/15/1959		
2082	59	L-4	-4	17	Powerhouse Plan and Section 14'0" Dia. Pipe Line-Profile and Section, Pipe Line Outlet and	09/15/1959		No change No change
2082	60	L-4	-5		Spillway-Plan and Section, Deer Escape and Equipment Ramp- Plan and Section	09/15/1959		
2082	61	L-4	-6		Diversion Dam Grouting Record	09/15/1959		No change
2082	78	L-1			Iron Gate-East Side Development	01/13/1960		No change
2082	79	L-2			Iron Gate-East Side Development	01/13/1960		No change
2082	80	L-3			Iron Gate-East Side Development	01/13/1960		No change
2082	81	L-4			Iron Gate-East Side Development	01/13/1960		No change
2082	82	L-5			Iron Gate-East Side Development	01/13/1960		No change
2082	83	L-6			Iron Gate-East Side Development	01/13/1960		No change
2082	84	L-8			Iron Gate-West Side Development	01/13/1960		No change
2082	85	L-9			Iron Gate-West Side Development	01/13/1960		No change
2082	86	L-10			Iron Gate-West Side Development	01/13/1960		No change
2082	87	L-11			Iron Gate-West Side Development	01/13/1960		No change
2082	88	L-12			Iron Gate-West Side Development	01/13/1960		No change
2082 2082	89 90	L-13			Iron Gate-West Side Development	01/13/1960		No change
2082	95	L-14 L-24			Iron Gate-West Side Development Copco No. 1 Development	01/13/1960 01/13/1960		No change No change
2082	96	L-24			Copco No. 1 Development	01/13/1960		No change
2082	97	L-26			Copco No. 1 Development	01/13/1960		No change
2082	98	L-27			Copco No. 1 Development	01/13/1960		No change
2082	99	L-28			Copco No. 1 Development	01/13/1960		No change
2082	100	L-29			Copco No. 1 Development	01/13/1960		No change
2082	101	L-30			Copco No. 1 Development	01/13/1960		No change
2082	102	L-31			Copco No. 1 Development	01/13/1960		No change
2082	103	L-32			Copco No. 2 Development	01/13/1960		No change
2082	104	L-33			Copco No. 2 Development	01/13/1960		No change
2082	105	L-33	-A		Copco No. 2 Development	01/13/1960		No change
2082 2082	106 107	L-34 L-35			Copco No. 2 Development Copco No. 2 Development	01/13/1960 01/13/1960		No change No change
2082	107	L-35			Copco No. 2 Development	01/13/1960		No change
2082	109	L-37			Copco No. 2 Development	01/13/1960		No change
2082	110	L-38			Copco No. 2 Development	01/13/1960		No change
2082	120	J-		77	Project Area and Boundaries	06/21/1962		No change
2082	121	K-			Project Area and Boundaries	06/21/1962		No change
2082	123	К-			Project Area and Boundaries	06/21/1962		No change
2082	124	κ-			Project Area and Boundaries	06/21/1962		Four revised sheets replace FERC Drawing No. 2082-124 for Lower Klamath Project, Copco No. 1 Development: P-14803, K-1, Project Boundary P-14803, K-2, Project Boundary P-14803, K-3, Project Boundary P-14803, K-4, Project Boundary Description
2082	125	K-			Project Area and Boundaries	06/21/1962		Two revised sheets replace FERC Drawing No. 2082-125 for Lower Klamath Project Copco No. 2 Development: P-14803, K-3, Project Boundary (duplicate of K-3 above) P-14803, K-4, Project Boundary Description (duplicate of K-4 above)
2082	134	J-7		112	Iron Gate Development-General Map	11/21/1962		No change
2082	135	K-7	-1		Iron Gate Development-Project Boundary, Areas and	11/21/1962		No change
2082	136	K-7	-2	113, 114	Ownerships, Reservoir Area-Capacity Curves Iron Gate Development-Boundary Areas and	11/21/1962		No change
2082	137	K-7	-3	113, 114	Ownership Iron Gate Development-Boundary Areas and	11/21/1962		No change
2082	138	K-7	-4	113, 114	Ownership Iron Gate Development-Boundary Areas and	11/21/1962		No change
2082	139	K-7	-5	113, 114	Ownership Iron Gate Development-Boundary Areas and	11/21/1962		No change
					Ownership			
2082	140	К-7	-6	113, 114	Iron Gate Development-Boundary Areas and Ownership	11/21/1962		No change
2082	141	K-7	-7	113, 114	Iron Gate Development-Boundary Areas and Ownership	11/21/1962		No change
2082	142	L-10		127-131	Plans and Sections of Dam	11/21/1962		No change
2082	143	L-11		127-131	Powerhouse Sections	11/21/1962		No change
2082	144	L-11		127-131	Powerhouse Plans and Sections	11/21/1962		No change
2082	145	L-12	-1	-	Fish Facilities Plans, Sections, and Details	11/21/1962		No change
2082	146	L-12	-2		Fish Facilities Water Supply Piping	11/21/1962		No change
2082	147	L-12	-3		Fish Facilities Fish Ladder, Plan and Sections	11/21/1962	1	No change

Attachment H - Exhibit K Updates Matrix and Updated Maps

2082	148	L-13		133	Spillway Trash Sluice Gate, Plan and Sections	11/21/1962		No change
2082	149	L-14	-1		Penstock, Plan, Profile, Sections, and Development	11/21/1962	Drawing revised in 2/16/67 order.	No change
	450					44/24/4052		No change
2082	150	L-14	-2		Penstock-Concrete Encasement, Plan and Profile- Bypass Plan, Sections and Details	11/21/1962	Drawing revised in 2/16/67 order.	No change
2082	151	L-15			Spillway-Plan, Profile and Sections	11/21/1962		No change
2082	152	L-16	-1		Sluice and Diversion Tunnel, Gate Structure in Rock-Plan, Sections, and Details	11/21/1962		No change
2082	153	L-16	-2		Sluice and Diversion Tunnel, Gate Structure above Rock. Plan and Sections	11/21/1962		No change
2082	154	L-16	-3		Sluice and Diversion Tunnel, Gate Structure- Closure, Gate Sections	11/21/1962		No change
2082	155	L-17			Power Conduit Intake, Structure-Plan and Sections	11/21/1962		No change
2082	156	L-18	-1		Sluice and Diversion Tunnel, Plan and Profile, Outlet Structure Plan, Elevations and Section	11/21/1962		No change
2082	157	L-18	-2			11/21/1962		No change
2082	165	K-8	-2	-	Keno Development	11/29/1965	Order incorrectly labelled drawing #	No change
						, , ,	165 as exhibit L-22-2. Drawing should be labelled exhibit K-8-2.	
2082	176	K-8	-1	_	Keno Development-tunnel, canal, flume, penstock, & powerhouse	11/29/1965		No change
2082	178	L-10	-A	174	Iron Gate Development-Dam crest modifications	08/17/1966		No change
2082	179	L-15	-A	175	Iron Gate Development-Spillway modifications	08/17/1966		No change
2082	180	L-23	-1		Fish Hatchery location and plant plan	08/09/1967		No change
2082	181	L-23	-2		Fish Hatchery rearing ponds, building, aerator, and piping	08/09/1967		No change
2082	184	L-22	-1	167	Keno Development Dam and Spillway	03/21/1969		No change
2082	186	L-22	-5	107	Profile and Sections of Channel Improvements- River Mile 234.6- 236			No change
2082	188	R-2			Klamath River Projects General Map	09/18/1975		No change
2082	192	R-6			Copco No.1 and No.2 Developments Recreation Plan	09/18/1975		No change
2082	196	J-		163	General Map	09/25/1970		No change
2082	199	L-24			Powerhouse	09/25/1970		No change
2082	200	L-22	-4	170, 171	Plan of Channel Improvement River Mile 234.6-236	03/21/1969		No change
2082	201	L-2	-6	172, 173	Channel Improvement River Mile 236-242	06/20/1969		No change
2082	202	L-22	-7		Channel Improvement River Mile 242-250	06/20/1969		No change
2082	204	L-24		198	Fall Creek development diversion structures	06/06/1974		No change
2082	218	R-3		189	Iron Gate Development Recreation Plan	09/29/1976		No change
2082	219	R-4		190	Iron Gate Development Recreation Sites	09/29/1976		No change
2082	220	R-7		193	John C. Boyle Development Recreation Plan	09/29/1976		No change
2082	221	R-8		194	Keno Development Recreation Site Plan	09/29/1976		No change
2082	222	R-9			Link River Development General Plan	09/29/1976		No change
2082	223	R-10			Iron Gate Development Additional Recreational Sites	09/29/1976		No change
2082	228	к-9		197	Development Plan	08/22/1980		Three revised sheets replace FERC Drawing No. 2082-228 K-9 for Klamath Project, Fall Creek Development: P-2082K-1, Project Boundary P-2082K-2, Project Boundary P-2082K-3, Project Boundary Description



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	40S 3E FALL	40S 4E	40S 5E	40S 6E	KENO 40S 7E	Non and a second	40S 9E	
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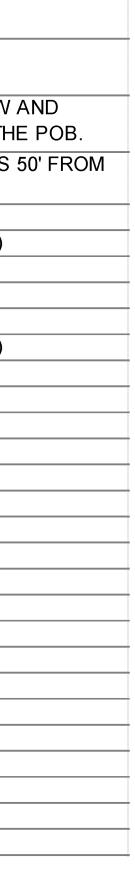
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		PacifiCorp	Ownership		Town	ship/Range		
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	* Refer	ence Point coord	ne 10, NAD 83, I linates are in met pers correspond t	ters.	vintion tabla			
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	The project boundary reasonable accuracy developed by PacifiC	in accordance w	ith FERC require	ments***. Data w	vas			
	including Federal, Sta surveys were conduc	ate, County, and ted. The project l	PacifiCorp GIS s boundary was ini	ources. No field tially digitized fro				
	scanned Exhibit K dra as digital USGS quad best fit the boundary	l maps. Digital ir	nagery was used	in some areas to	0			
	approved exhibits. Re positional accuracy c	easonable efforts onforms to Natio	have been made	e to ensure that				
	maps at 1:24000 scal Public Land Survey d Willamette Meridian i	ata are approxim			ne			
	Normal Full Pool El Elevations are r USGS Datum (N	eferenced to	T	nere are no feder	ral lands within	the Project Bou	ndary on this sh	eet.
	MAP TEXT ABBI - BLM = Bureau of La - STATE = State Own - CNTY = County Ow - PRIV = Privately Ov - POB = Point of Beg	and Management ned Land /ned Land wned Land	t Pa flo	PacifiCorp has reviewed the project boundaries shown herein. PacifiCorp either owns in fee simple or possesses the necessary flowage easements or property rights for all lands drawn on the map that are inside the boundaries***.				
			Pa ar co	*This exhibit has arcel boundaries id deeds will be r introl data and pr ay be necessary	and ownership re-plotted or re- roperty informa	are based on F -verified. Furthe tion are underwa	acifiCorp record efforts to review ay and changes	
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				Projec	t Boundary Table
Point	Northing (Meters)	Easting (Meters)	Bearing	Distance (feet)	Remarks
					BEGINNING AT THE W 1/4 CORNER OF SEC 29 T48N R4W A
					BEARING S53-19E 2,509.0 FEET (GIS CALCULATED) TO THE
					BOUNDARY POB IS ON SUBSTATION FENCE LINE AND IS 5
					TRANSMISSION C.L.
					ALONG TRANSMISSION LINE BUFFER (50' FROM C.L.)
					INTX W/ FALL CREEK TAILRACE BUFFER (50' FROM C.L.)
					ALONG FALL CREEK TAILRACE BUFFER (50' FROM C.L.)
					INTX W/ FALL CREEK
					ALONG FALL CREEK
					INTX W/ FALL CREEK TAILRACE BUFFER (50' FROM C.L.)
					ALONG FALL CREEK TAILRACE BUFFER (50' FROM C.L.)
					INTX W/ PENSTOCK BUFFER (50' FROM C.L.)
					ALONG PENSTOCK BUFFER (50' FROM C.L.)
					INTX W/ SPILLWAY BUFFER (50' FROM C.L.)
					ALONG SPILLWAY BUFFER (50' FROM C.L.)
					INTX W/ FALL CREEK
					ALONG FALL CREEK
					INTX W/ SPILLWAY BUFFER (50' FROM C.L.)
					ALONG SPILLWAY BUFFER (50' FROM C.L.)
					INTX W/ CANAL BUFFER (50' FROM C.L.)
					ALONG CANAL BUFFER (50' FROM C.L.)
					ALONG DIVERSION DAM
					INTX W/ CANAL BUFFER (50' FROM C.L.)
					ALONG CANAL BUFFER (50' FROM C.L.)
					INTX W/ PENSTOCK BUFFER (50' FROM C.L.)
					ALONG PENSTOCK BUFFER (50' FROM C.L.)
					INTX W/ TRANSMISSION LINE BUFFER (50' FROM C.L.)
					ALONG TRANSMISSION LINE BUFFER (50' FROM C.L.)
					ALONG SUBSTATION FENCE TO POB

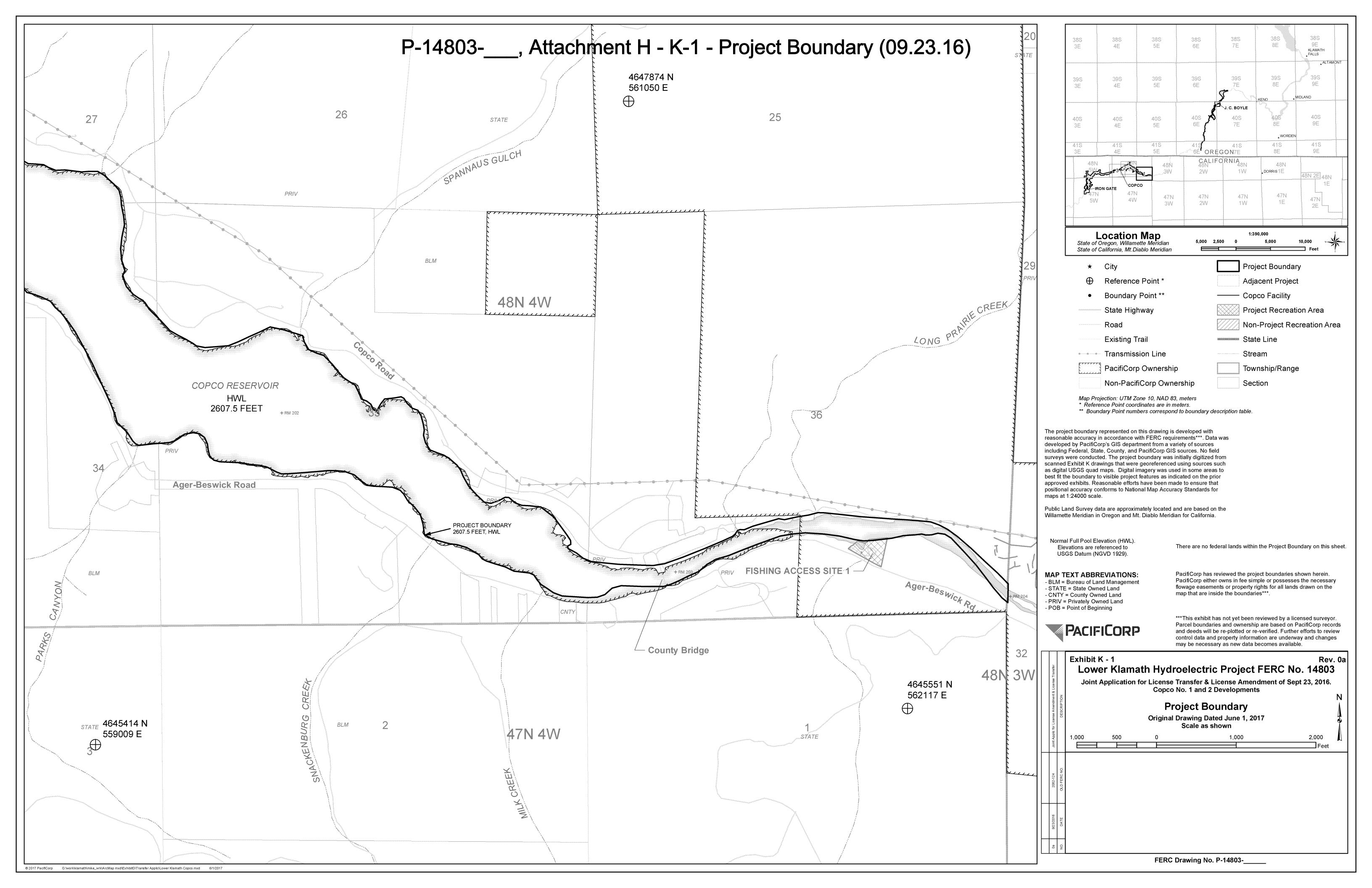
© 2017 PacifiCorp G:\work\klamath\mike_wrk\ArcMap mxd\ExhibitG\Transfer Applic\Klamath Fall Creek_3_Description.mxd 6/1/2017

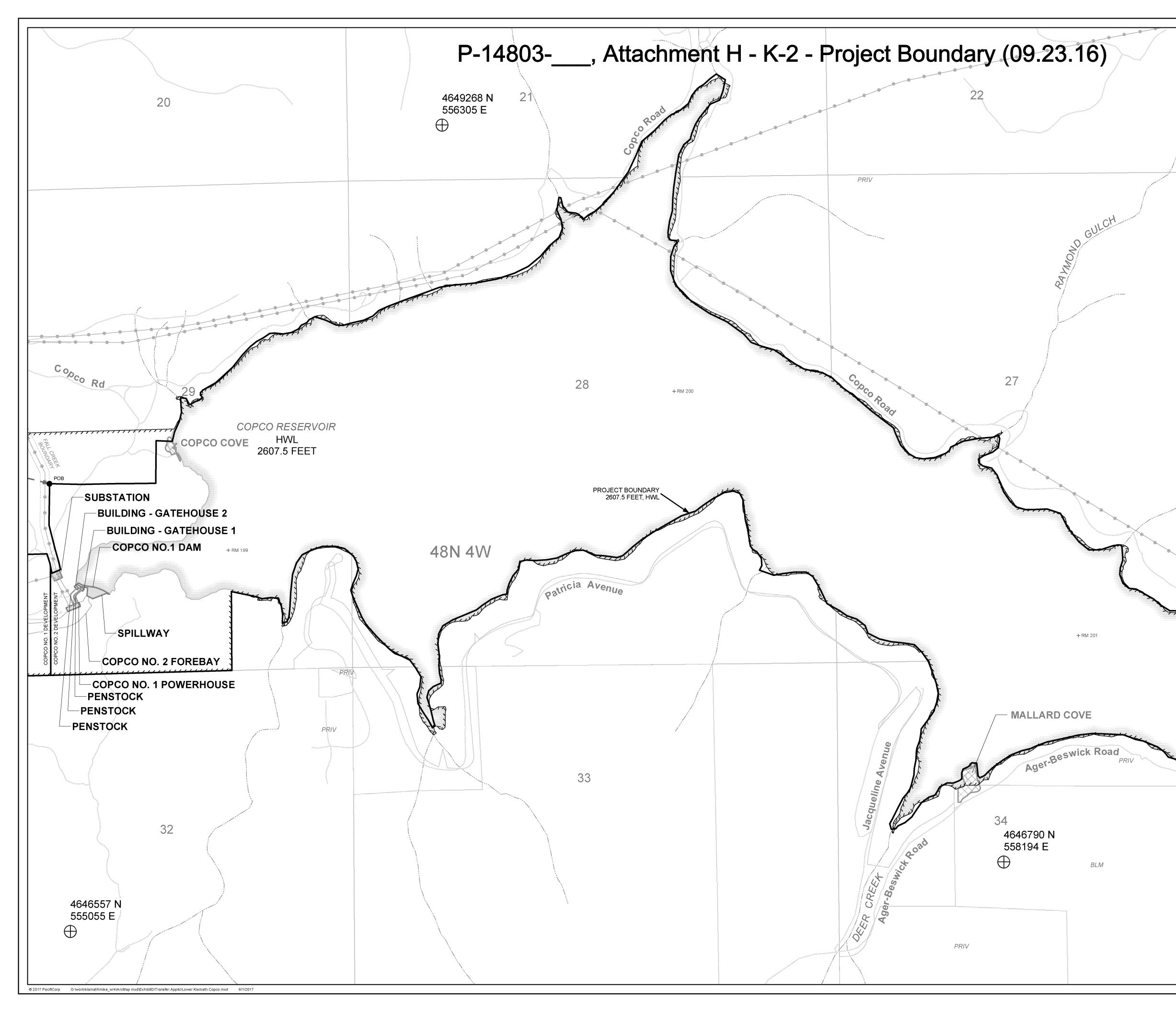
P-2082-___, Attachment H - K-3 - Project Boundary Description (09.23.16)



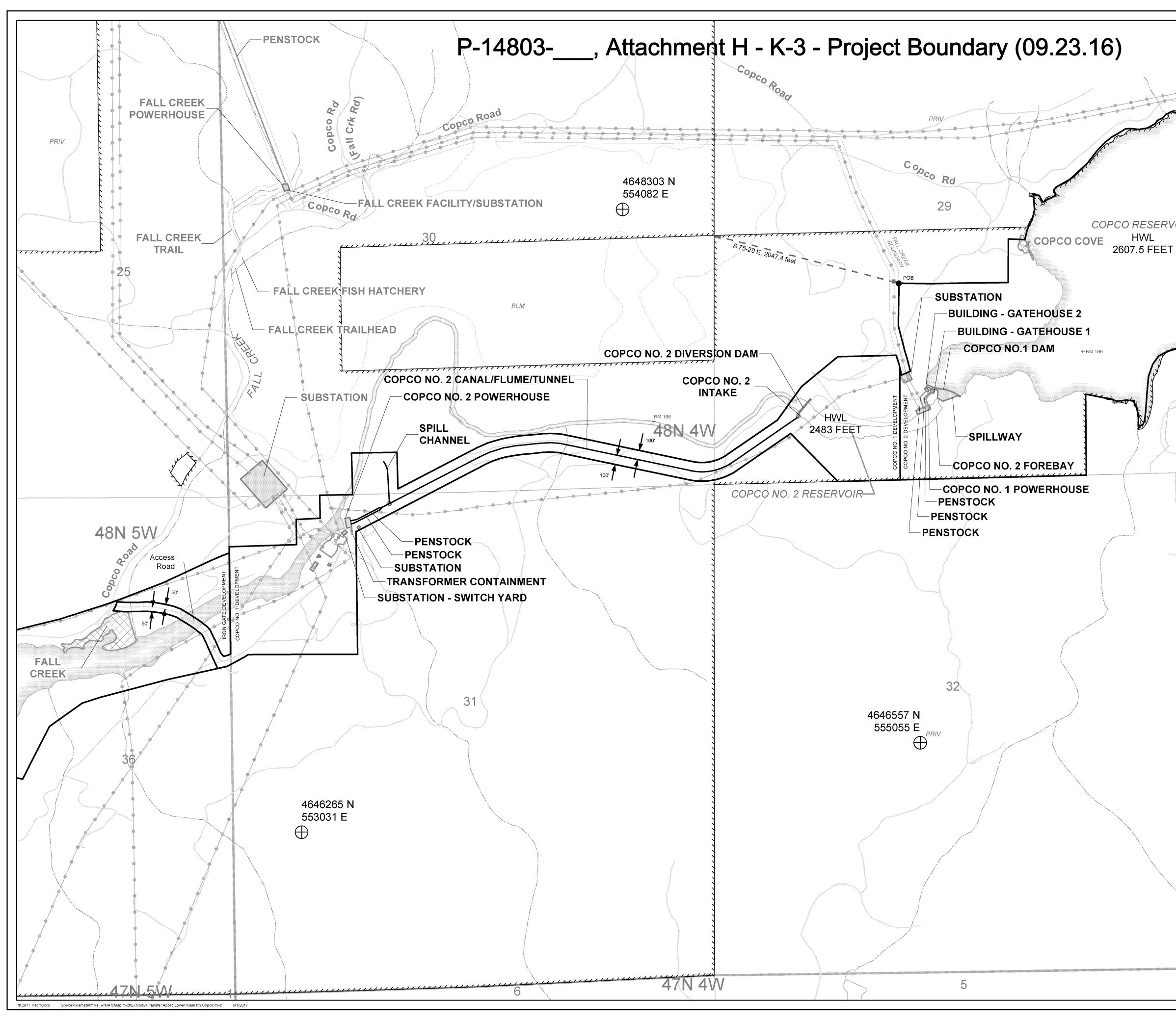
	 Notes: Information in table is based on GIS derived coordinates and measurements and is not intended to represent station points and measurements established by ground surveys. Coordinates and Bearings are in UTM Zone 10, NAD 83, meters. Distances are in U.S. survey feet. Project is located in the state of California, Mt. Diablo Meridian.
a H b O C a tr	his revised project boundary exhibit was prepared for the application for mendment and partial transfer of the license for the Klamath ydroelectric Project (FERC No. 2082). It supersedes the current exhibit neets for the area where the Klamath Hydroelectric Project and the roposed Lower Klamath Project (FERC No. 14803) adjoin. The project boundary on this exhibit represents the same project boundary as shown in the approved Exhibit K sheets for the Fall Creek, Copco No. 1, and opco No. 2 developments of the existing Klamath Hydroelectric Project, and adds the separate project boundaries where the Fall Creek ansmission line corridor connects to the substation northwest of the opco No. 1 powerhouse.
re d s s a b a p m	he project boundary represented on this drawing is developed with easonable accuracy in accordance with FERC requirements***. Data was eveloped by PacifiCorp's GIS department from a variety of sources cluding Federal, State, County, and PacifiCorp GIS sources. No field urveys were conducted. The project boundary was initially digitized from canned Exhibit K drawings that were georeferenced using sources such s digital USGS quad maps. Digital imagery was used in some areas to est fit the boundary to visible project features as indicated on the prior oproved exhibits. Reasonable efforts have been made to ensure that ositional accuracy conforms to National Map Accuracy Standards for taps at 1:24000 scale.
	<i>f</i> illamette Meridian in Oregon and Mt. Diablo Meridian for California.
P a c	*This exhibit has not yet been reviewed by a licensed surveyor. arcel boundaries and ownership are based on PacifiCorp records nd deeds will be re-plotted or re-verified. Further efforts to review pontrol data and property information are underway and changes hay be necessary as new data becomes available.
Ele	Il Full Pool Elevation (HWL). vations are referenced to GS Datum (NGVD 1929).
	PacifiCorp
& License Transfer	Exhibit K - 3 Klamath Hydroelectric Project FERC No. 2082 Joint Application for License Transfer & License Amendment of Sept 23, 2016. Fall Creek Development
Joint Applic for License Amendment & License Transfe DESCRIPTION	Project Boundary Description Original Drawing Dated June 1, 2017
N/A Joi OLD FERC NO.	
OID	

FERC Drawing No. P-2082-____





		38S 3E	38S 4E	38S 5E	38S 6E	38S 7E	38S 8E	38S 9E KLAMATH FALLS
		39S 3E	39S 4E	39S 5E	39S 6E	39S 7E	39S 8E	*ALTAMONT 39S 9E
		497 kasi	·		ŀ	J. C. BOYLE	KENO *M	IDLAND
1		40S 3E	40S 4E	40S 5E	40S 8	40S 7E	405 8E • WORDEN	40S 9E
		41S 3E 48N	41S 4E	41S 5E 		41S GON7E ORNIA 48N	41S 8E 48N	41S 9E
		IC IRC	ON GATE 47N		2W 47N	1W 47N	47N	48N 2E 48N
		~\ 5W	4₩	47N 3W	2W	1W		47N 2E
		State of C	Ocation Dregon, Willame California, Mt.Dia	tte Meridian	5,000 2,5		5,000	10,000
		*	City Reference	Point *			ect Boundar	
		•	Boundary	Point **	-	Cop	co Facility	
			State High	way		riaideadalaideadalaide	ect Recreati	on Area creation Area
			Existing T		ž		e Line	
			Transmiss PacifiCorp	Ownership		Stre Tow	nship/Range	•
		Map Pro		Corp Owner	- L.	Sec	tion	
		* Refere	nce Point coord	linates are in me pers correspond i	ters.	scription table.		
1 V	surveys scanned as digita best fit t approve positiona maps at Public L	were conducto Exhibit K dravat I USGS quad he boundary to d exhibits. Rev al accuracy co 1:24000 scale and Survey da	ed. The project I wings that were maps. Digital in o visible project asonable efforts nforms to Nation e.	PacifiCorp GIS s poundary was ini georeferenced u nagery was used features as indic have been made nal Map Accurac ately located and Diablo Meridiar	tially digitized fr ising sources su l in some areas ated on the prio e to ensure that y Standards for d are based on	rom uch to or		
-7	Ele	al Full Pool Ele evations are re GS Datum (No		Т	here are no fede	eral lands withir	n the Project Bou	ndary on this sheet.
	- BLM = - STATE - CNTY - PRIV =		ned Land ned Land	P	acifiCorp either	owns in fee sim nts or property r	ect boundaries s nple or possesses ights for all lands es***.	s the necessary
		-	ICORP	P ai co	arcel boundarie nd deeds will be ontrol data and j	s and ownership re-plotted or re property informa		acifiCorp records efforts to review ay and changes
	Joint Applic for License Amendment & License Transfer DESCRIPTION		er Klama	or License T Copco N Pro		cense Amen evelopment undary d June 1, 20		
	2082-124 OLD FERC NO.							
	9/23/2016 DATE							
	o NO NO							
				FERC D	rawing No. F	P-14803-		

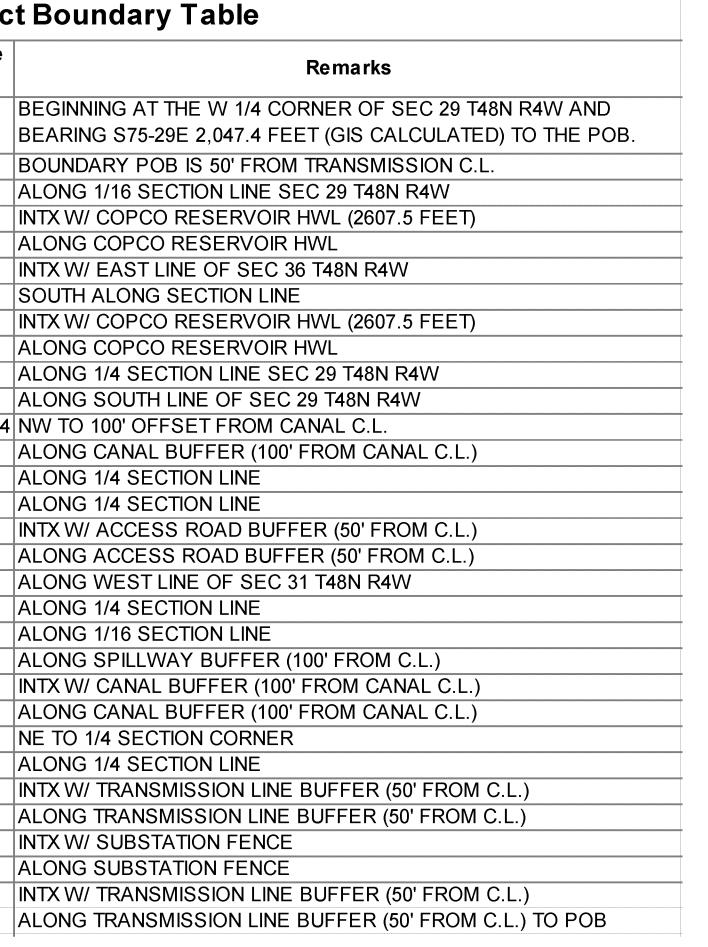


		38S 3E	38S 4E	388 5E	38S 6E	38S 7E	38S 8E	38S 9E KLAMATH FALLS
		39S 3E	39S 4E	398 5E	39S 6E	395 7E	39S 8E <u>KENO</u>	39S 9E MIDLAND
		40S 3E	40S 4E	40S 5E	40S 6E	J. C. BOYLE 40S 7E	405 8E	40S 9E
		415	415	415	419	415	+ WORDEI	41S 9E
		3E 48N		5E 48Ń	CALIF	GON7E	8E 48N	
		J ⁵ /4	COPC	31/1	2W	1W	+ DORRIS 1 E	48N 2E 48N
OIR		47N 5W	RON GATE 47N	47N 3W	47N 2W	47N 1W	47N 1E	47N 2E
		State of	_OCATION Oregon, Willame California, Mt.Dia	tte Meridian	5,000 2,	1:39 500 0	5,000	10,000
		*	City			Proje	ect Bounda	ry
		\oplus	Reference	Point *		Adja	cent Projec	t
		•	Boundary			•	co Facility	
Æ			 State High Road 	way		haianintanintanintanintaninta yannya yannya yannya yannya	ect Recrea	
			Existing Tr	ail		Raulaundandanalauniand	e Line	creation Area
PRIV		\$\$-	- Transmiss			Strea		
			PacifiCorp	Ownership		Тоw	nship/Rang	e
			Non-Pacifi	Corp Owne	rship	Sect	ion	
anna ann an a		* Refer	ojection: UTM Zo ence Point coord	linates are in m	eters.	a animetia na da bela		
PRIV		Boui	ndary Point numb	ers correspona	to boundary de	scription table.		
	reasona develop includin surveys scanned as digita best fit t approve position maps at	ble accuracy ed by PacifiC g Federal, Sta were conduc d Exhibit K dra al USGS quac the boundary ed exhibits. Re al accuracy c t 1:24000 sca and Survey d	represented on f in accordance wi orp's GIS departr ate, County, and I ted. The project k awings that were maps. Digital in to visible project easonable efforts onforms to Nation e. ata are approxim n Oregon and Mt	th FERC requir ment from a var PacifiCorp GIS boundary was ir georeferenced nagery was use features as indic have been mad have been mad have been mad have been mad	ements***. Data iety of sources sources. No field nitially digitized f using sources s d in some areas cated on the prio de to ensure tha cy Standards for and are based on	d from uch s to or t r		
	Ele	al Full Pool El evations are re GS Datum (N		T	There are no fed	leral lands within	the Project Bo	undary on this sheet.
	- BLM = - STATI - CNTY - PRIV :		ned Land vned Land	F f	PacifiCorp either lowage easeme	eviewed the proje r owns in fee sim nts or property rig ide the boundarie	ple or possess ghts for all land	es the necessary
		Pacif	CORP	F	Parcel boundarie and deeds will be control data and	es and ownership e re-plotted or re-	are based on -verified. Furth tion are under	censed surveyor. PacifiCorp records er efforts to review vay and changes ble.
	Joint Applic for License Amendment & License Transfer DESCRIPTION		K - 3 er Klama Application f	or License T Copco I Prc	Fransfer & Li No. 1 and 2 E Dject Bou	cense Ameno Developments Undary ed June 1, 20	dment of Se	
and the second sec	2082-124 OLD FERC NO.							
**************************************	9							
	9/23/2016 DATE							
	NO.							
		•		FERC D	Drawing No.	P-14803		

	Project Boundary Table								
Point	Northing (Meters)	Easting (Meters)	Bearing	Distance (feet)	Remarks				
					BEGINNING AT THE W 1/4 CORNER OF SEC 29 T48N R4W				
					BEARING S75-29E 2,047.4 FEET (GIS CALCULATED) TO TH				
					BOUNDARY POB IS 50' FROM TRANSMISSION C.L.				
					ALONG 1/16 SECTION LINE SEC 29 T48N R4W				
					INTX W/ COPCO RESERVOIR HWL (2607.5 FEET)				
					ALONG COPCO RESERVOIR HWL				
					INTX W/ EAST LINE OF SEC 36 T48N R4W				
					SOUTH ALONG SECTION LINE				
					INTX W/ COPCO RESERVOIR HWL (2607.5 FEET)				
					ALONG COPCO RESERVOIR HWL				
					ALONG 1/4 SECTION LINE SEC 29 T48N R4W				
					ALONG SOUTH LINE OF SEC 29 T48N R4W				
			N44-38-30W	724	NW TO 100' OFFSET FROM CANAL C.L.				
					ALONG CANAL BUFFER (100' FROM CANAL C.L.)				
					ALONG 1/4 SECTION LINE				
					ALONG 1/4 SECTION LINE				
					INTX W/ ACCESS ROAD BUFFER (50' FROM C.L.)				
					ALONG ACCESS ROAD BUFFER (50' FROM C.L.)				
					ALONG WEST LINE OF SEC 31 T48N R4W				
					ALONG 1/4 SECTION LINE				
					ALONG 1/16 SECTION LINE				
					ALONG SPILLWAY BUFFER (100' FROM C.L.)				
					INTX W/ CANAL BUFFER (100' FROM CANAL C.L.)				
					ALONG CANAL BUFFER (100' FROM CANAL C.L.)				
					NE TO 1/4 SECTION CORNER				
					ALONG 1/4 SECTION LINE				
					INTX W/ TRANSMISSION LINE BUFFER (50' FROM C.L.)				
					ALONG TRANSMISSION LINE BUFFER (50' FROM C.L.)				
					INTX W/ SUBSTATION FENCE				
					ALONG SUBSTATION FENCE				
					INTX W/ TRANSMISSION LINE BUFFER (50' FROM C.L.)				
	1	1	1	1	ALONG TRANSMISSION LINE DUEEED (50' FROM C.L.) TO I				

© 2017 PacifiCorp G:\work\klamath\mike_wrk\ArcMap mxd\ExhibitG\Transfer Applic\Lower Klamath Copco_4_Description.mxd 6/1/2017

P-14803-____, Attachment H - K-4 - Project Boundary Description (09.23.16)



measurements est2) Coordinates ar3) Distances are i	d is not intended to represent station points ar tablished by ground surveys. nd Bearings are in UTM Zone 10, NAD 83, mete in U.S. survey feet. ted in the state of California, Mt. Diablo Meridia
amendment and partial trans Hydroelectric Project (FERC sheets for the area where the proposed Lower Klamath Pro boundary on this exhibit repr on the approved Exhibit K sh Copco No. 2 developments of and adds the separate project	ry exhibit was prepared for the application for sfer of the license for the Klamath No. 2082). It supersedes the current exhibit e Klamath Hydroelectric Project and the oject (FERC No. 14803) adjoin. The project resents the same project boundary as shown neets for the Fall Creek, Copco No. 1, and of the existing Klamath Hydroelectric Project, ct boundaries where the Fall Creek nnects to the substation northwest of the
reasonable accuracy in acco developed by PacifiCorp's G including Federal, State, Cou surveys were conducted. The scanned Exhibit K drawings t as digital USGS quad maps. best fit the boundary to visibl approved exhibits. Reasonab	eented on this drawing is developed with ordance with FERC requirements***. Data was SIS department from a variety of sources unty, and PacifiCorp GIS sources. No field e project boundary was initially digitized from that were georeferenced using sources such . Digital imagery was used in some areas to le project features as indicated on the prior ble efforts have been made to ensure that s to National Map Accuracy Standards for
	e approximately located and are based on the on and Mt. Diablo Meridian for California.
Parcel boundaries and owne and deeds will be re-plotted o	een reviewed by a licensed surveyor. ership are based on PacifiCorp records or re-verified. Further efforts to review formation are underway and changes ata becomes available.
nal Full Pool Elevation (HWL) levations are referenced to SGS Datum (NGVD 1929).).

nt & License Transfer	z	Exhibit K - 4 Lower Klamath Hydroelectric Project FERC No. 14803 Joint Application for License Transfer & License Amendment of Sept 23, 2016. Copco No. 1 and 2 Developments
Joint Applic for License Amendment &	DESCRIPTION	Project Boundary Description Original Drawing Dated June 1, 2017
N/A	OLD FERC NO.	
9/23/2016	DATE	
0a	ON	
		FERC Drawing No. P-14803