Susitna-Watana Hydroelectric Project (FERC No. 14241)

# **Map Book of Trails** of the Recreation Use Study Area

**PRELIMINARY DRAFT: DECEMBER 2012** 

Prepared for Alaska Energy Authority

# SUSITNA-WATANA HYDRO

Clean, reliable energy for the next 100 years.

Prepared by URS Corporation - Alaska

#### INTRODUCTION

The Map Book of Trails of the Recreation Use Study Area (herein, Trails Map Book) displays GIS data on all known trails located within the Recreation Use Study Area. Data were compiled from all known and available data sources, including the trail dataset provided in the Project geodatabase, Bureau of Land Management, Matanuska-Susitna Borough, Alaska DNR, and CIRI. Additional trails were located on digital imagery and digitized by URS. This Map Book is presented in Preliminary Draft format; edits to content will be made as needed during the 2013/2014 Study.

### **DESIGN OF THE MAP BOOK**

The Map Book is presented as a series 65 detailed map plates and 5 regional plates created using ESRI ArcGIS v 10.0. The location of each plate is shown in the Trail Map Book Index located on the following page. The detailed series covers the Recreation Effects Analysis Study Area plus high use trails along the Parks and Denali Highways at 1:63,360. These are overlain on USGS quad maps with hill shade applied for additional context. The regional series covers the Recreation Facilities Study Area at various scales that best fit the study area.

## **REVISION STATUS**

Several data sources used to create the Map Book were not available in GIS format, and were consequently digitized from PDF maps or non-digital sources. All data were evaluated using background imagery when available. Where duplicate data existed, the higher quality option was retained and lower quality feature was removed. All Map Book content is under development, and will be field-verified in 2013. Should you have insight to trails contained in this Map Book, or information on trails not yet included, please contact Tim Kramer at (907)261–6741 or email at tim.kramer@urs.com.

### **USGS BASE MAPS**

The USGS quad maps used as a base for the 1:63,360 map series are Web Map Service from Geographic Information Network of Alaska (GINA). The URL is http://wms.alaskamapped.org/extras?

The USGS topographic map symbols are standard across USGS mapping products. The detailed map symbol key is published by the USGS in a 4 page PDF file available at the following URL:

http://egsc.usgs.gov/isb/pubs/booklets/symbols/topomapsymbols.pdf

The base map for the regional map series is the National Geographic base map available as an ArcGIS Online map service at the following URL: http://goto.arcgisonline.com/maps/NatGeo\_World\_Map









Map N/A

#### Map West Denali Highway NE

148°40'W







Map Reservoir S

Map Talkeetna SW



Map East Denali Highway SE



Map Lake Louise S

Map N/A

Map Reservoir NW

Map East Denali Highway N



Map N/A



Map West Denali Highway NW

Map

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ay W

Map West Denali Highway N





147°20'W

Map East Denali Highway SE











Map 3 W





Map 6 N









Map 4 SE

Map 7 NW

Map 8 N



Map 3 SW



Map 5 S





#### Map 9 NW



Map 5 SW

Map N/A







Map 7 SW

Map 8 S



Map N/A



Map N/A



Map 10 SE

Map 11 W



Map 9 SW

Map 10 S

149°30'W







Map N/A

148°45'W

Map

NIA



Map 11 S

149°52'30"W





Map 11 SW

Map 12 S



Map 13 SE

Map 24 NW

Map 16 W



Map N/A





