# Pole Attachment Application Package 

 February 2004
## Table of Contents

1. TABLE OF CONTENTS
2. INTRODUCTION
3. CONTACT INFORMATION
4. HOW TO APPLY
4.1. OREGON AND WASHINGTON
4.2. CALIFORNIA, IDAHO, UTAH, and WYOMING
5. APPLICATION PROCESS FLOW
6. APPLICATION
7. POLE NUMBERING
8. CONSTRUCTION STANDARDS
9. REGIONAL STANDARDS
10. SAMPLE FORMS

## Introduction

This package includes all of the necessary application materials and instructions to attach to PacifiCorp facilities. Hopefully, this document addresses most of the questions that you have. However, we are always here to answer your questions. Please call the regional Administrative Coordinator listed in this document and they will forward your request to the appropriate supervisor.

Prior to applying for attachments to poles, a current Pole Attachment Agreement must be on file. The regional Administrative Coordinator will forward your agreement request to the contracts department if needed. Once an agreement is on file, your company can apply for pole attachment agreements as required.

All attachments and/or modifications of attachments require a permit as specified in the current Pole Attachment Agreement between your company and PacifiCorp. These new and modification of attachments require pre-approval from PacifiCorp prior to performing work on the facilities. The installation of service drops require appropriate notice as identified in your agreement.

Applying for attachments to poles is often a multi-stepped process. Please see page 2 for a process flow of the steps PacifiCorp must take prior to approving any attachment. Inside there is information on PacifiCorp's Smart Numbering System, an application for attachment (please make additional copies as needed), a copy of PacifiCorp’s Joint Use Standards. It should be noted that all attachments to PacifiCorp poles must meet the requirements of the National Electric Safety Code (NESC) and individual State and/or federal codes that may be applicable.

Sincerely,
PacifiCorp
T\&D Infrastructure Management

## PACIFICORP

## Contact Information

NE Coordinator
Janet Johnson
503-813-5774
janet.johnson@pacificorp.com

SE Coordinator
Roz Holstrom
503-813-5247
roz.holstrom@pacificorp.com

NW Coordinator
Joyce Russell
503-813-5131
joyce.russell@pacificorp.com

SW Coordinator
Norma Fanning
503-813-5416
norma.fanning@pacificorp.com

All correspondence may be directed to:
T\&D Infrastructure Management
830 NE Holladay Street
Suite 250
Portland, OR 97232
The T\&D fax number is: $\quad$ 503-813-6005

## How to Apply

## OREGON AND WASHINGTON *

PacifiCorp is a sponsor and subscribes to the National Joint Use Notification System (NJUNS) for all pole notifications in Oregon and Washington. The system provides for web-based electronic notification between the Pole Owner and Pole Renter for communication on new applications for pole attachments, modifications of attachments, notification of pole transfers, and removal of attachments.

Additional information may be required in addition to the NJUNS notification. Design prints, Plan and Profiles for Transmission Poles, completed PacifiCorp applications will need to be forwarded to the appropriate Administrative Services Coordinator at our Portland office for distribution to the appropriate regional inspector.

NJUNS information can be found at: www.NJUNS.com Additionally, each member state also has an NJUNS user's group which meets periodically for training and discussion. The Executive Committee members listed on NJUNS can put you in contact with your local user's group.

## CALIFORNIA, IDAHO, UTAH, and WYOMING *

All notifications between PacifiCorp and Licensees may be communicated via fax, email, and postal services, and/or additional means as provided for in the Pole Attachment Agreement.

In addition to electronic sharing of information, additional supporting documents may be required to determine if an application can be approved. Design prints, Plan and Profiles for Transmission Poles, and completed PacifiCorp applications will need to be forwarded to the appropriate Administrative Services Coordinator at our Portland office for distribution to the appropriate regional inspector.

* All applications over 15 poles require a project spreadsheet in addition to the application. The spreadsheet will be e-mailed to you at your request.


## PACIFICORP

## Application Process Flow



## Application for Attachment

PACIFICORP


## Application for Service Drop Only

PACIFICORP
JOINT USE APPLICATION FOR SERVICE DROP ATTACHMENT AND/OR MODIFICATION


Sketch and Comments
$\square$
Applicant Signature

## Date

| $\square$ |  |  |  |
| :---: | :---: | :---: | :---: |
| $\square$ |  |  |  |
| $\square$ | $\overline{\text { Not Approved - Addtional Information or Make Ready Required }}$ |  | PacifiCorp Use Only |
|  |  |  |  |
| Application Approved |  |  |  |

# Pole Application Field Definitions 



# Pole Application Field Definitions 

| Field | Req'd | Description |
| :--- | :--- | :--- |
| Communication Attachment Type | Required, choose as many as apply to your application. <br> Support wire used to support lashed cable or cables, also used as a span <br> guy to support pole load imbalance. |  |
| Messenger Wire/Span Guy |  |  |$\quad$| Self supporting wire or cable not requiring a messenger for span support. |
| :--- |

# Pole Application Field Definitions 



## Pole Numbering

PacifiCorp employs an intelligent numbering system for most of its service territory. This system is base on the meridian, quadrant, township, and range coordinate system combined with a numbering sequence. The pole plate consists of a top and bottom section. The top section contains a minimum of four digits that define the township and range, but may include numbers indicating the meridian and quadrant. There are six digits on the bottom. The first two indicate the section, the middle two indicate the grid, and the last two are the sequence numbers.*

Sequence numbers do not indicate further grid coordinates, however, they may indicate the ownership of the pole as follows: *

00 through 39: Company owned distribution poles.
40 through 59: Foreign owned utility poles contacted by PacifiCorp.
60 through 69:Transmission structures with distribution under-build.
70 through 79: Customer owned poles.

## * Utah, Idaho, and Western Wyoming sequence numbers do not reflect ownership or type of structure.

## Construction Standards

The National Electric Safety Code (NESC), National Electric Code (NEC), additional state and/or federal regulations, and PacifiCorp's Distribution Construction Standards will be applied to all attachments of PacifiCorp's poles. These codes specifically outline all of the necessary safety practices that must be adhered to for the protection of the employees that work on these facilities and the general public.

PacifiCorp's Joint Use Distribution Construction Standards are enclosed, and the Licensee will need to acquire the additional codebooks from a local technical bookstore or order them from the Internet. In addition to bookstores, the NESC and NEC code books can be ordered from the Institute of Electronic and Electrical Engineers through their Website at www.ieee.org.

PacifiCorp's standards and state or local standards may be more stringent than some of the codes listed in these sources. All attachments must meet the minimum requirements of the more stringent of the codes.

## Regional Standards

State, county, municipal, and other local requirements or standards may apply to your attachments. You are obligated to comply with the all local standards for the area you are working in.

## Sample Application

PACIFICORP
JOINT USE APPLICATION FOR ATTACHMENT AND/OR MODIFICATION


New \& Lashed Cables Loading and Bundle Data

| New Cable Name 24 Count Fiber | Diameter | 0.5 | in | Weightit | 0.09 | s |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bundle Name Strand, Existing .625, 24 Count Fiber | Diameter | 1.5 | in | Weightit | 0.40 | $\\|^{\text {Lbs }}$ |



