



**SOUTHERN CALIFORNIA
JOINT POLE COMMITTEE**

**ROUTINE HANDBOOK
2007 EDITION**

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GLOSSARY

DEFINITIONS

A. Locations For Replacement Poles:

(1) Hard-North(South/East/West): Setting a new pole against the existing pole in the direction specified.

(2) One foot (any direction): Setting a replacement pole a specified number of feet (any direction) measured face to face.

(3) Same area: Designated general area for pole placement when the exact final location is not critical.

(4) Same hole: Setting a replacement pole in the same hole as the original pole.

B. Property Line - North (South/East/West)

Designates that line separating different properties or the perimeter of an owned property. The direction is viewed from the pole access location. (See Section 15.4)

C. Service Drops

Service drops are the conductors between the building or structure served and the adjacent line pole. (See Section 11.0)

D. Pole Space

(1) Safety Clearance Zone: Jointly owned vertical pole space required by General Order 95 to safely separate facilities in alignment with Section 19.2

(2) Encroachable Safety Zone: Portion of the Safety Clearance Zone which may be purchased when allowed in accordance with General Order 95 after taking the appropriate safety precautions. (See Section 4.3, 19.2)

(3) Supporting Structure Space: Supporting structure space is that jointly owned vertical pole space below the lowest attached line or cable.

(4) Common Area or Shared Space or Non-Useable Footage: Includes Safety Clearance Zone, Pole Butt, and Supporting Structure Space. This space can be used for the placement of risers, guys, switches, metering equipment, or other items that comply with General Order 95.

(5) Useable Space: Vertical pole space specifically available to a Member for placement of their

facilities, or portions of the Encroachable Safety Zone which have been properly occupied in accordance with Sections 4.3 and 19.2.

E. Equipment

(1) Terminal: A fused termination point that connects communication conductors to service drop(s).

(2) GUYS

(a) Span Guy: All overhead guys (pole to pole, arm to arm, arm to pole.)

(b) Down Guy: Guy connected from pole to anchor rod.

F. Approved Maintenance Program

An Approved Maintenance Program will be one that was presented to the Administrative Board, and approved through the normal voting process, as outlined in the current Agreement.

G. Revisions

Changes in Routine Handbook sections and Authorized Costs. Date changes will be noted in parenthesis following text, or cost changes, additions, or deletions.

H. Pole Definitions

- Clearance Pole: A pole placed exclusively to provide clearance from ground level to facilities. May be placed to increase or maintain horizontal clearances between dissimilar facilities. May be Solely owned or Jointly owned. May or may not have Tenant contact or shared under a Joint Use Agreement. Include poles interest/underset for like clearance purposes.
- Customer's Temporary Pole: Temporary poles used for secondary power, and communications or commercial and private job sites. Typically are 6"x8"x12' painted lumber and are provided, erected and removed by developer's customer.
- Distribution Pole: A utility pole utilized for Supply Voltages in excess of 5,000V but less than 60KV. May be solely Owned or Jointly Owned. May or may not have

Tenant Contact or shared under Joint Use Agreement.

- Farmers/Private Pole: A pole set and maintained by a private party.
- Guy Pole: A pole utilized for guying only. If pole has facilities attached other than Guys the pole no longer fits criteria for Guy Pole. This includes attachment by Communications or Tenant for Clearance or Supply attachments via pole top extension. Note: all poles are subject to the placement and utilization of guys.
- Intersect Pole: A pole placed (set) between two existing poles in an existing lead.
- Joint Owned Pole: A utility pole which is legally owned by more than one party. Predominance of Joint Poles in California are administered under the Northern California Joint Pole Association (NCJPA) and the Southern California Joint Pole Committee (SCJPC). Joint Ownership is established via the Joint Pole Process and finalized on the Form 44, "Bill of Sale", issued in conjunction with Monthly Accounts Billing Cycle and recorded as Jointly Owned.
- Power Pole: A pole used primarily for L, H, and T Class Circuits. May or may not be misused in context.
- Push Brace Pole: A pole utilized for Guying only. Pole is designed to push against another pole. Used in locations where it is physically impossible or uneconomic to place and maintain down guys or anchor rods. Occasionally used to comply with existing Rights-of-Way restrictions.
- Service Pole: A pole in a lead on private property or public way, which supports Supply or Communication Service to

service connection. May be Solely Owned, or Jointly Owned. May or may not have tenant contact, or shared under Joint Use Agreement.

- Solely Owned Pole: A utility pole which is 100% owned by one utility, municipality or other party. May or may not have a tenant or other rental contact in place. May or may not be shared with another utility administered by a valid Joint Use Agreement.
- Telephone Pole: A pole used primarily for C Class Circuits. May or may not be misused in context.
- Temporary Pole: A pole set for temporary use Section 3.5. Often used in conjunction with Development and Public Requirement Projects. May or may not have Tenant Contact or shared under a Joint Use Agreement. Includes poles interest/underset for like purpose. Temporary poles by agreement are for periods of one (1) year or less.
- Transmission Pole: Utility pole utilized for Supply Voltages in excess of 60KV or above. May be Solely Owned, or Jointly Owned. May or may not have tenant contact, or shared under a Joint Use Agreement.

Note: See General Orders 95 (G.O. 95) Rule 22.1 for more pole definitions.

JOINT POLE PRACTICES AND ROUTINE SCOPE

1.0 Scope

These rules cover joint pole practices, routine, and use of various forms devised to facilitate joint pole construction and to obtain accurate records promptly in accordance with the Southern California Joint Pole Agreement of January 1, 1998. Because the Committee was conceived by organizations who own poles, and has always been governed by documents which were based on that fact, there are necessary exceptions in cases where non-owners are involved. In the administration of joint ownership under the Routine, it is intended that, except for the provisions of Section 7.11 and 17.0, all owners shall participate under the same rules. Other exceptions should involve only special conditions and if any rule is considered inequitable for a specific case, it should be referred to the Administrative Board for recommendation.

In joint planning, the following principles shall govern:

Effort shall be made to locate poles on property lines or other approved locations, so that all Members concerned shall derive the maximum possible service at minimum cost.

Each Member shall designate the character of its own circuits and structures to be placed or continued in joint ownership, and determine the character of the circuits and structures of others with which it will enter into or continue in joint ownership. Where the character of the circuits is such that the joint ownership of a pole or line of poles is mutually agreed upon by all Members concerned, the pole or line of poles shall be of such height and so located that the requirements of each Member shall be met.

Where the character of the circuits is such that separate pole lines are to be maintained on a thoroughfare, all communication circuits shall, in general, be placed on one side of the thoroughfare and all power circuits shall be placed on the other side, so that, as far as practicable, one side of any section of thoroughfare will be available as the communication side and one side as the power side. However, in specific cases, those concerned may, when determined in advance by mutual agreement, locate their circuits on the thoroughfare

in some other manner. Crossings of a pole line from side to side of a thoroughfare and conflicting lines shall be avoided as far as practicable.

Should conditions arise that the creation of a co-linear conflict cannot readily be avoided by the constructing Members, they shall cooperate to determine whether the circuits in question shall be placed upon jointly owned poles or whether the avoidance of the co-linear lines shall be obtained by providing separate non-conflicting construction. In the latter event, the Members concerned shall determine the most practicable and economical method for accomplishing the desired results and shall also agree upon an equitable division of any costs which may be involved.

In the event that a Member occupying joint poles desires to change the character of its circuits, it shall notify the others concerned and they shall cooperate to determine whether or not joint ownership of the poles in question shall be continued. If it is agreed not to continue joint ownership of poles, the Members shall determine the most practicable and economical method of effectively providing for separate lines and shall also agree upon an equitable division of any costs which may be involved.

1.1 Approval

There shall be approval for every joint ownership transaction. This requires that an agreement must be secured from representatives of each utility concerned in specific transactions. This may be effected by field or telephone agreement but must be confirmed by Joint Pole Authorization.

1.2 Special Agreement

Special Agreement may be made for transactions in conflict with the Routine, provided approval is obtained therefor. Joint Pole Authorization shall clearly specify adjustment for each transaction under "Special Agreement" and the Joint Pole Committee Office shall record same as approved by Members concerned. Automatic approval may not apply to a JPA under Special Agreement. Therefore, Section 18.1D does not apply.

BILLING DIRECTIVES

2.0 Scope

Contained in this section are definitions and conventions used within the Routine Handbook. These definitions and conventions explain terms and situations encountered in the division of costs for the joint ownership of utility poles.

Also cited are billing directives intended to provide the Committee billing office with methods for pricing transactions between Members.

2.1 Authorized Costs

These costs are made a part of the Routine. In addition to schedules of structural and salvage values, pulling and transportation, they represent the average unit costs for all Members involving transactions of any nature affected by joint ownership, covering rights of way obtained without monetary consideration to grantor or property owner, maintenance operations, transfer, rearrangement, installation of facilities and equipment jointly owned, which includes guy wires, anchors, sidewalk fixtures, crossarms pole guards or other items of a similar character.

Where it is found that a schedule price is not sufficient for a specific transaction, or where a certain structural unit is not provided for in the schedule, the Members concerned may fix a price mutually agreeable to them or may agree to undertake work on actual cost basis. Joint Pole Authorization shall show such transaction as "Special Agreement." (See Section 1.2)

In all cases where Authorized Costs are involved, the Joint Pole Authorization shall specify item number and number of items, so as to facilitate checking by Members concerned.

Labor costs may be increased by special agreement for emergency operations, or for compensation of employee working in excess of eight hours in any one day.

A. Pulling

Pulling charges are specified in Item 5, Authorized Costs. These charges are based per pole and are prorated in accordance with Section 2.1C. For a pole not included in the joint pole schedule, such as steel poles, pulling cost shall be determined by mutual agreement.

Full pulling cost applies where a non-owner is authorized to pull pole. (Revised July 2002)

B. Transportation

Transportation charges are specified in Authorized Costs. These charges are based per pole, and prorated in accordance with Section 2.1C.

Full transportation cost applies where a non-owner is authorized to transport pole to yard of salvaging Member. (Revised July 2002)

C. Proration of Charges for Pulling, Transporting, & Disposing

The charges for pulling, transporting, and disposing poles shall be prorated equally based on the number of owners on a pole. (See Item 5 of Authorized Costs). (Revised July 2002)

2.2 Pole Prices

Pole prices for structural and salvage values may be changed annually if deemed necessary. All Member utilities shall submit pole costs to the Joint Pole Committee office on or before October 1; and upon investigation and analysis of these costs, the Administrative Board shall fix the prices which shall become effective on the first day of January following.

2.3 Schedules for Structural and Salvage Values

Revised schedules showing percentages for accrued depreciation are made a part of the routine.

2.4 Structural Value of Pole

Structural value shall be total costs erected, including cost F.O.B. pole yard, transportation, handling, digging, erecting, supply expense, overhead and administrative expense, less accrued depreciation.

A. Minimum Structural Value

Minimum structural value shall be 40% of the cost of new pole erected. This minimum shall be the constant value during remaining service life of pole.

B. Structural Value in Existing Pole

Structural value in entire pole or a portion thereof shall be priced in accordance with date Joint Pole Authorization is sent, unless otherwise agreed.

C. Structural Value of Pole in Replacement

Structural value shall be priced in accordance with date of replacement.

D. Structural Value of Stubbed Pole

Structural value shall be the structural value of the pole only and not the stub.

E. Structural Value of Pole Reinforced With Push Brace

Structural value shall be the structural value of the pole plus the structural value of the push brace as separate units. The structural value of the push brace shall be shared equally by all joint owners. Any other material or equipment used in connection therewith shall be priced by special agreement as an authorized cost.

F. Structural Value of Pole Not Included in Joint Pole Schedule

Structural value shall be priced by special agreement.

2.5 Schedule Salvage Value

Salvage value shall be the wood (cost F.O.B.) value of new pole, less depreciation, and is independent of pulling and transportation charges.

A. Minimum Salvage Value

Minimum salvage value of pole shall be 40% of the schedule salvage value of new pole with no salvage value thereafter.

B. Salvage Value on Existing Pole for Removal From Service or Relinquishment of Interest

Salvage value shall be priced at salvage value in accordance with recorded ownership and as of date Joint Pole Authorization is issued. Unless otherwise agreed, salvage value applies in all cases for normal deterioration on pole depreciated not more than 60%.

No Member may relinquish, at salvage value, any superfluous interest for same classification of circuit acquired through consolidation, except with approval of all owners of record.

C. Salvage Value of Stubbed Pole

Salvage value shall be for the reusable length of the pole only.

D. Salvage Value of Pole Reinforced With Push Brace

Salvage value shall be the salvage value of the pole plus the salvage value of the push brace as separate units. There shall be no salvage on any other material or equipment used in connection therewith.

E. Salvage Value in Pole Which Has Been Lost or Removed at an Unknown Date

There shall be no salvage value in pole, which has been lost due to any reason not the fault of a joint

owner and for pole removed at an unknown date by an unknown party.

F. Salvage Value In Pole Which Has Been Damaged by Any Cause Other Than Deterioration

Salvage value shall be priced in accordance with length, year set, and condition of maximum length recoverable. There shall be no salvage value of pole recovered.

G. Salvage Value in Pole Which Has Been Cut in Replacement or Removal

There will be no salvage value in pole cut in replacement or removal.

H. Salvage Value in Pole Not Included In Joint Pole Schedule

Salvage value shall be priced by special agreement.

2.6 Annual Rate of Depreciation

Annual rate of depreciation for structural and salvage values for the time current shall be 4% (25-year life).

2.7 Other Billing Definitions & Directives

A. Base Owner

The Member originally placing the pole or designated during relinquishment as such in accordance with Section 5.1B.

B. Cost Causer

When a Member(s) causes a JPA to be issued on a pole which benefits no other owner on that pole, the cost causer(s) shall be responsible for Administrative Costs as appropriate. NOTE: Applying cost causer charges is put on hold until further notice due to a revision of the cost causer definition. The new cost causer will be based upon the cost of the Committee office converting manual JPAs for those Members unable to utilize the new computer platform.

C. Temporary Poles

The charge therefore is the normal equity required less salvage value plus a share of the removal costs.

D. Pole Reinforcement Cost Sharing

The costs for installing pole reinforcements shall be established by special agreement and shared proportionate to ownership, based upon the price per foot concept:

(1) Steel Sleeve

Removal will be done by the Member installing the sleeve at the scheduled cost of pulling, transporting, and disposing.

(2) Mod/Pole

Removal will be done by the Member installing the mod/pole at the scheduled cost of pulling, transporting and disposing.

(3) Upon relinquishment, the installing Member shall be released from all other financial liabilities associated with ownership other than the cost of removal.

A pole record will be maintained until the pole is removed.

[Clarification for Section 2.7D](#)

E. Pole Replacements

When a pole is being replaced on a JPA which refers to Section 18.1 Automatic Approval, the original owner on that pole is to be guaranteed their original space and grade, or greater, on the new pole. (See Section 7.0)

F. Sharing of Same Grade

When sharing the same grade on a pole, the costs of that pole and arm would be shared proportionately. (See Section 4.4)

G. Automatic Approval

Section 18.1D Automatic Approval may not be invoked in conjunction with Section 1.2 Special Agreement.

H. Approved Maintenance Program

Per Section 19.5, those utilities currently involved in an approved inspection/inspection & treatment program are shown below:

<u>Member</u>	<u>Date of Board Approval</u>
SCE (Edison)	October 1993
M (DWP)	July 2000
MP (Pasadena)	July 2000
J (Riverside)	June 2001
MA (Azusa)	August 2001
D (City of Anaheim)	January 2006
SCW (Golden State Water)	January 2006

All inspection/inspection and treatment joint pole authorizations will be final billed within three years of inspection date. Inspections completed prior to the members Board approval date, cannot be billed to other members. (Revised January 2007)

I. Wireless Antenna Safety Clearance Zone Allocation

When section 3.15 is identified, allocation of space shall be configured per chart 16.1B in Section 16.1. (Revised August 2007).

JOINT PLANNING PRACTICE

3.0 Notice of Intention to Construct

Member contemplating construction or reconstruction shall notify all Members operating in the same territory of its plans as far in advance as possible to permit those Members to participate in joint construction if so desired. This Notice of Intention to Construct shall be issued on Form 2 Preliminary Joint Pole Authorization and shall include poles, anchors, and other equipment necessary for constructing Member's own use and shall also specify the space which it requires for its own facilities. Where an extension of a line is involved, in which the other Member is not interested in joint ownership, a map of the proposed extension may be substituted for the pole location description and the Notice of Intention then need give only such details as may not appear on the map of the extension. The Members receiving this Notice of Intention shall return one signed copy to the constructing Member within 45 days, advising thereon if interested in the proposed construction. Where future joint ownership is desired, the advice shall state if poles are satisfactory, or if plan will require revision to provide for joint ownership. If one or more Members advise that space is required for joint ownership, the constructing Member shall cooperate in joint planning to provide poles and anchors which will be suitable for all Members concerned and, where necessary, shall issue a revised Form 2 Preliminary Joint Pole Authorization for approval of such Members. All Members concerned shall retain copy of Notice of Intention for record purposes.

The issuing Member will enter the date mailed on the first page of the authorization. If the Notice of Intention is not returned within 45 days, the issuing Member may proceed as if constructing for its own sole ownership. If there is disagreement, Notice of Intention should be returned to issuing Member with Form 49, stating reason.

If the urgency for construction requires less than 45 days notice, the constructing Member will attempt to contact other Members by telephone or in the field to make an immediate agreement, which will be confirmed on a form 2, in which case the 45 day requirement will be waived.

For riser installation, see Section 3.4 and examples in **Section 18**. For Temporary Pole installation, see Section 3.5.

For existing solely owned pole replacements, no notification shall be required.

NOTE: Section 3.0 is a non-billable section.

3.1 Purchase of Interest Under Notice of Intention to Construct

If constructing Member, to accommodate other members' requirements, is involved in expense exceeding that required for its facilities when alone, purchase of interest by member desiring to participate in joint ownership shall be made when poles and anchors have been installed according to approved plan.

The cost of a push brace associated with a jointly owned pole shall be shared equally by all joint owners. (Revised January 2007)

3.2 Rejection of Notice of Intention to Construct

Those Members which do not avail themselves of the opportunity presented by the Notice of Intention, and do not return the Notice of Intention within a time limit of 45 calendar days from the receipt thereof, and who subsequently desire to participate after construction or reconstruction has been completed, may be required to pay for any change necessary for joint ownership in accordance with section 7.3. (Revised January 2007)

3.3 Failure to Issue Notice of Intention to Construct

If any Member places pole(s) or anchor(s) without issuing a Notice of Intention (Sec. 3.0) that Member may be subject to penalty. During a period of three years beginning the year of installation another Member requiring facilities in the same location shall request replacement of facilities to provide for Incumbent LEC (Local Exchange Carrier) and Electric Utility Member. All associated costs for such replacement in accordance with Sec 7.11 shall be at the sole expense of the Member in offense. There shall be no expense after the "three year" period. (Revised January 2007)

3.4 Notice of Intention to Construct Risers

Members proposing installation of facilities shall prepare and submit to all owners on record, a Form 9 or Preliminary JPA for risers, notifying the Members of their intention to construct (**See examples in Section 18**).

If Member proposing installation of facilities is an existing owner on record, a Form 9 shall be prepared and submitted.

If Member proposing installation of facilities is not an existing owner on record, a Preliminary JPA shall be prepared and submitted.

NOTE: Section 3.4 is a non-billable section.

3.5 Notice of Intention to Construct a Temporary Pole

A temporary pole is a pole that is placed for temporary use, and will be removed by the end of one year.

(a) The charge for temporary pole is based on the cost of equity required less salvage value plus a share of the removal costs.

(b) If a temporary pole is found to be needed for more than one year, it will be converted to a normal joint pole by issuing a joint pole authorization citing this section.

(c) Temporary poles are removed by issuing a form 48 with a copy sent to all attached parties and one copy to the Joint Pole Committee

3.10 Placement of Pole for Private party or Governmental Agency under Notice of Intention.

In general, any private party or governmental agency causing a pole to be installed shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by any member until all incumbent utilities have mutually agreed as to the conditions applicable.

If construction is started without notification, the Member initiating the work will be responsible for

all construction costs incurred by other incumbent Members. When all Members have agreed as to the basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the Members shall install the pole and sell interest in the new pole to each Member concerned. Each Member shall attach it facilities, and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the cost of installation. (Revised January 2007)

3.14 Notice of Intention to Construct Other than Wood Pole.

If constructing Member, to accommodate other members' requirements, is involved in expense exceeding that required for its facilities when alone, purchase of interest by Member desiring to participate in joint ownership shall be made when poles and anchors have been installed according to approved plan. (Revised January 2007)

[Clarification to Section 3.14](#)

3.15 Notice of Intention to Place Wireless Antenna

(For space allocation, this section must be shown on the Final JPA)

Members proposing the installation of antennas shall prepare and submit to all owners on record, a Preliminary JPA (Form 2-1) notifying the members of their intention to construct. (See example 11 in Section 18)

Note: General Order 95, Rule 94 requires an additional 2' Safety Clearance Zone. Refer to Section 16.1, Chart 16.1B. (Revised August 2007).

PURCHASE OR SALE OF INTEREST

4.0 Purchase or Sale of Interest

Purchase or sale of interest in pole shall be initiated on Joint Pole Authorization and shall be approved by all Members concerned. The interest and price applying thereto shall be in accordance with Routine and schedule of structural values or other Authorized Costs and date Joint Pole Authorization is issued, unless otherwise agreed.

Any extension of line conductors by one Member upon one or more poles of another Member in any direction shall constitute a longitudinal line extension and all poles in such extension shall require purchase of interest, except as otherwise provided under Section 9.0.

Additionally, the following cases shall require purchase:

- (a) Pole used for supporting line conductors
- (b) Pole used exclusively for services
- (c) Pole on which service is run to underground
- (d) Pole used for supporting street light wire
- (e) Pole used exclusively for guys
- (f) Pole used for guying with supporting guy to anchorage
- (g) Poles where guys are extended from pole to pole involving more than one span
- (h) Pole space used for supporting hardware, which occupies useable space.

NOTE 1: Purchase of entire interest shall be at structural value.

NOTE 2: For purchase into anchors, refer to Section 12.3.

4.1 Unauthorized Attachment

Each case requiring joint ownership in a pole shall constitute an unauthorized attachment if the Member making such attachment fails to initiate Form 2 Joint Pole Authorization. Said Member shall be required to purchase interest at structural value and pay an added 50% penalty as per date Form 2 Joint Pole Authorization is issued.

Excluded from this section are:

- (a) Cases where a joint owner has made attachment on pole at a higher or lower grade than allowed for the space purchased. (This owner must relocate to the proper grade or when allowed, purchase interest in accordance with Section 4.0).
- (b) Poles set in current year.
- (c) All intersert poles where services are

originated from clearance attachments thereon.

In these cases, purchase of interest shall be required at structural value only, and Member issuing Form 2 Joint Pole Authorization shall specify Routine Section 4.0 for such purchase.

NOTE 1: This section does not apply to anchors.

NOTE 2: Refer also to Sections 5.4, 7.7, and 16.4B

4.2 Purchase of Interest Concurrently With Relinquishment

Purchase of interest by incoming Member in pole jointly owned by two or more Members, where one owner desires to relinquish, shall be authorized for purchase at structural value as a prior transaction to relinquishment, but transactions may be billed concurrently. Purchase or sale of entire plant for purpose of consolidation or rearrangement of system boundaries is excluded from this provision. Purchase of entire interest in pole shall be at structural value.

4.3 Purchase of Interest in Safety Clearance Zone

Purchase or sale of the right to use space within the Safety Clearance Zone:

Any Member planning to construct on a jointly owned pole where space is limited and all owners approve may purchase into the Safety Clearance Zone in accordance with General Order 95. The purchase or sale of the right to use this space shall be initiated on a Joint Pole Authorization and construction shall begin within the time limits prescribed in Section 18.1D. The constructing Member may purchase in one foot increments to a maximum of two feet and must attach at the grade requested (see Section 16.0). Guard arms must be installed by the purchasing Member in the manner prescribed by General Order 95.

4.4 Purchase of Interest at Same Grade

When attaching to an existing arm, to share the same grade, the initiating party must show the appropriate Item of "Authorized Cost". When placing a new arm, to share the same grade, the initiating party must show the appropriate item of Authorized Cost and bear the cost of transferring facilities. (See Section 14.1 and examples in Section 18, Refer to Authorized Costs Items 160 or 164)

4.14 Purchase of Interest in Other than Wood Pole

Purchase or sale of interest in pole shall be initiated on a Joint Pole Authorization and shall be approved by all Members concerned. The interest and price applying thereto shall be in accordance with Routine and schedule of structural values or other Authorized Costs and date Joint Pole Authorization is issued, unless otherwise agreed.

Any extension of line conductors by one Member upon one or more poles of another Member in any direction shall constitute a longitudinal line extension and all poles in such extension shall require purchase of interest, except as otherwise provided under Section 9.0.

Additionally, the following cases shall require purchase:

- (a) Pole used for supporting line conductors
- (b) Pole used exclusively for services
- (c) Pole on which service is run to underground
- (d) Pole used for supporting street light wire
- (e) Pole used exclusively for guys
- (f) Pole used for guying with supporting guy to anchorage
- (g) Poles where guys are extended from pole to pole involving more than one span
- (h) Pole space used for supporting hardware, which occupies useable space.

Note 1: Purchase of entire interest shall be at structural value.

Note 2: For purchase into anchors, refer to Section 12.3.

[Clarification to Section 4.14](#)

REMOVAL, ABANDONMENT, RELINQUISHMENT

5.0 Removal of Joint Pole From Service

When pole is to be removed from service an agreement shall be made between the Members whether the pole is reusable. A reusable pole is one that can be economically recovered and at least one of the owners desires to use it.

When push brace associated with a line pole is to be removed or replaced, pulling and transportation charges, and salvage value, shall apply separately on each unit.

5.0-A Worthless Pole

If it is decided that the pole is worthless, the party removing pole shall cut it up or dispose of it in the most economical manner. No salvage shall be received or paid and the party removing pole shall be reimbursed by the other Members for their share of pulling and transportation. The Joint Pole Authorization shall specify the Member to pull, transport, and dispose of pole.

5.0-B Reusable Pole

If it is decided that the pole is reusable the Member performing the pulling operation shall either:

- (a) Deliver the pole to the yard of the salvaging Member, in which case it shall receive its share of salvage value. Each pole so delivered shall be identified by pole number and Joint Pole Authorization number;
- (b) Retain pole in its yard for pick-up by salvaging Member, in which case no transportation charges shall be paid or received;
- (c) Retain pole in its yard for its use and pay the other owner for its share of the salvage value;
- (d) Place pole in a safe and accessible location and notify the salvage party by telephone and confirming Form 48 where pole may be recovered. This notice shall specify details for identification as to Joint Pole Authorization number, pole number, and location; or
- (e) Pay the other owner its share of salvage value and then dispose of pole as it sees fit.

5.0-C Cutting Reusable Pole in Replacement or Removal

In removal of pole, the owners shall agree if pole may be recovered intact or requires a cut for the following reasons:

- (a) Cutting of pole at ground line to remove butt for installation of new pole in same location;
- (b) Cutting top portion of pole to permit transfer;
- (c) Cutting pole to effect removal where location is difficult to access.

The expense of topping poles (see Item 5-C, Authorized Costs) shall be prorated equally between all owners when the topping operation is for mutual benefit. (See Section 2.1C)

If the topping operation benefits one Member only, then that Member shall bear full cost of the topping.

Where the pulling Member requests the other owners to cut a portion of the pole top to facilitate its removal, the cutting Member may bill the pulling Member in accordance with Item 5-C, Authorized Costs. Approval for this billing should be obtained before the pole is cut.

The Member pulling the butt of cut pole shall dispose of it at the time the replacement is made, and there shall be no transportation cost thereon. The upper section only shall take transportation costs, which shall be based on the pole's actual length after cutting, with certain billing limitations. (See Section 2.1)

5.0-D Cooperative Removal

Where pole is in good condition but line facilities or other obstructions prevent its removal intact, the Member designated to do the pulling shall request the cooperation of other owner or owners to assist in pole's removal or shall obtain consent for its cutting. The cutting of a portion of the top of pole to permit transfer of construction is not considered part of the pulling operation.

5.1 Relinquishment of Interest

Any owner wishing to terminate its joint ownership in pole shall give 60 days' notice, in writing, to all other owners of record, which notice shall be by Joint Pole Authorization. Such Member may not relinquish interest until all attachments have been removed, including clearance arms, guys and services. Upper Member relinquishing interest in pole less than 55' in length shall remove at own expense vacated portion not required by other Member and shall receive salvage on original length.

An owner may not relinquish its interest in a pole on which it has a tenant unless the tenant's equipment is removed or one of the remaining owners accepts the outside party as its tenant.

Where one owner initiates Joint Pole Authorization for relinquishment of interest in pole and incident thereto the other owner proposes to replace or remove pole, the Joint Pole Authorization shall be completed for removal of pole and these owners shall jointly participate in salvage, pulling, and transportation.

5.1-A Relinquishment of Interest by One Owner

In the relinquishment of interest by one owner, the interest of this owner shall revert first to the base owner, or other owner as agreed and the releasing owner shall receive salvage from that owner in the ratio of the equities, in whole or in part, owned by them. In this case the Joint Pole Authorization shall specify the grade and space to be used by the remaining owner(s).

5.1-B Renumbering Relinquished Pole

When original owner is the relinquishing Member the senior equity owning Committee Member remaining as an owner, shall renumber pole and become the base owner for record purposes unless otherwise agreed by all remaining owners. (See Section 20)

5.1-C Relinquishment - Pole Removed at Unknown Date

Relinquishment of interest in pole removed at unknown date shall take salvage value in accordance with date Joint Pole Authorization is issued. Pulling and transportation shall not apply.

5.1-D Unauthorized Attachment - Procedure for Relinquishment

Member with unauthorized attachment, proposing to vacate pole, shall purchase interest at structural value, with 50% added as an Authorized Cost, and shall relinquish and receive salvage.

Where owner of pole relinquishes interest, Member with unauthorized attachment shall purchase entire interest, in which case 50% added charge does not apply.

5.2 Unused

5.3 Unused

5.4 Unauthorized Attachment - Procedure When All Members Abandon and Remove Pole

Member with unauthorized attachment to pole shall purchase interest at structural value, with 50% added as an Authorized Cost. Each Member shall

abandon, receive salvage, and pay pulling and transportation.

5.5 Removal - Solely Owned Pole Supporting Free Attachment

Member occupying a solely owned pole with attachment, which does not require purchase of interest under the Routine, shall remove its attachment within 48 hours' notice by telephone from owner thereof, advising of reason necessitating removal. Notice must be confirmed by Form 48. Member failing to remove its attachment within time specified shall thereafter be responsible for cost of pulling and transportation of pole.

If there is to be any billing for pulling and/or transportation, this shall be so stated on an issued Joint Pole Authorization.

5.6 Abandonment - Solely Owned Pole Supporting Free Attachment

Any sole owner desiring to abandon pole occupied by a Member with attachment which does not require purchase of interest under the Routine may abandon this pole to the Member which is occupying same and shall bill this Member for entire interest at structural value.

5.7 Unused

5.8 Unused

5.9 Unused

5.10 Removal of Pole For Private Party or Governmental Agency

In general, any private party or governmental agency causing a pole to be removed shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for removal of a pole until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member performing the work will be responsible for all construction costs incurred by other joint owners.

When all owners have agreed as to basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners shall remove the pole. Each Member shall receive salvage and pay pulling and transportation. Upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of removal.

SECTION 6

There is no Section 6

REPLACEMENT

7.0 Replacement

Replacement may be made at the request of any Member, and adjustment as to sales, salvage, pulling, transportation, and transfer costs shall be at current prices as per date of replacement. Salvage shall be prorated in accordance with recorded ownership. Pulling and transportation charges shall be prorated in accordance with Section 2.1C. Any Member, by agreement, may be designated as the replacing Member under the Routine regardless of original ownership. Any pole shown as replaced on a JPA which refers to Section 18.1 Automatic Approval must show space and grade allocated in accordance with Section 2.7E. The Member maintaining Class H Circuits on a jointly owned pole should preferably make the replacement.

NOTE: Section 7.0 is a non-billable section.

7.1 Replacement of Pole for Sole Benefit of Member with Crossing Conductors Only

The section applies where the Member requesting the replacement is not an owner in the existing pole and will not require ownership in the new pole. The Member for whose benefit the replacement is made shall be billed the cost of the replacement for the structural value of the existing pole, less salvage value, plus the difference in cost for the increased length of the new pole over the existing pole (based on pole of same condition and setting date as replacing pole), additional material costs, if any, transfer cost, and entire cost of pulling and transportation. The billing shall be made as an Authorized Cost.

Where work required double arm installation and single arm now exists the Member requesting replacement shall pay the installation cost of the new double arm and the original owner shall remove single arm at own expense and retain salvage.

Where the pole to be replaced is jointly owned, the net difference in cost between the structural and salvage values shall be based on the interest owned by each joint owner. Each joint owner shall bill for whatever portion of the pulling and transportation operation it performs. The retirement of the pole from the record shall be completed by the joint owners as a salvage transaction, the original owner recovering the pole and allowing salvage value to the other owner for its relinquished interest. The Member making the replacement shall then bill an interest in the new pole to the other Member concerned.

The difference in cost for increased length of new pole over replaced joint pole shall be adjusted with the Member for whose benefit the replacement is made on the following basis:

(a) If each joint owner's interest cost in the new pole is equal, each shall bill for an equal portion of the cost of the increased length.

(b) If each joint owner's interest cost in the new pole is not equal but is in excess of its interest cost in the replaced pole (reproduced new), each shall bill for its respective difference of cost.

(c) If one joint owner's interest cost in the new pole is less than its interest cost in the replaced pole (reproduced new), the other joint owner in replaced pole shall then bill for the entire cost of the increased length.

7.2 Replacement of One Pole With Two or More Poles for Benefit of One Owner

When a jointly owned pole is suitably located for the installed facilities of two Members, and one owner desires to replace same with two or more poles in order to provide for specific locations which are not necessary for the present or future requirements of other joint owner(s), the adjustment shall be as follows:

One pole shall be considered as a replacement in accordance with rule of the Routine relating to Section 7.3 or 7.11 as applicable. The other pole(s) shall not be considered of any benefit to the existing Member, which should not participate in labor or material costs and will therefore make attachment for clearance purposes in accordance with rule of the Routine relating to Section 9.1. Attachment to pole shall be made at the expense of the constructing Member. This section shall not be construed to apply where respacing is undertaken in joint planning to place poles on property lines or to provide better distribution for the Members concerned.

Where a solely owned pole is involved under same conditions, the replacement shall be made in accordance with rule of the Routine relating to Section 7.5.

7.3 Overbuild

This section provides for the replacement of a solely owned or a jointly owned pole, less than 25 years old for the sole benefit of an incoming Member or one joint owner. This section also

applies to poles replaced due to damage caused by facilities of a joint owner and to all solely owned or jointly owned poles replaced for the sole benefit of Members having less than 20 consecutive years of Joint Pole Committee membership.

The cost to benefiting Member shall include:

- (a) Equity of overbuilt Member's structural value of existing pole, less salvage
- (b) Cost of transfer
- (c) Additional material installed to comply with requirements of joint ownership
- (d) Sidewalk or pavement repairs
- (e) Entire removal cost

The sole owner, or each joint owner as appropriate, shall bill the benefiting Member for the portion of pulling and transportation it performs. The Member recovering pole shall allow salvage to other owner(s) for its relinquished interest. Member placing new pole shall bill an interest to other Members.

When a benefiting Member replaces pole and another Member desires additional grade or space, replacement shall be made in accordance with rule of the Routine relating to Section 7.11. Mutual benefit shall not apply where a non-benefiting owner is forced to increase grade or space as a result of the activities undertaken by the benefiting Member.

7.4 Replacement of Pole in Same Hole

This section provides for the replacement of a pole in the same hole to accommodate the transfer of facilities attached to the old pole. The differential cost of the setting of the new pole when it is mutually beneficial to all members shall be shared equally by all parties. When the placement of a pole in the same hole is not mutually beneficial, the cost shall be borne by the member requesting this type of construction procedure. Hand dig charges are not applicable as an added cost when poles are being replaced in the same hole. (Refer to Authorized Costs Item 19).

7.5 Replacement of a Solely Owned Pole With a Jointly Owned Pole

Sole owner's concurrence **must** be obtained prior to undertaking this operation. A solely owned pole replace for mutual benefit is included under this section. Pulling and transportation are at joint expense. Otherwise, for construction started without notification, the Member initiating the work will be responsible for all construction costs incurred by other joint owners.

The rules of Section 7.3 or 7.11 will apply when appropriate.

7.6 Replacement of Pole Due to Damage Caused by Any Person, Firm or Corporation Which Is Not a Party to the Joint Pole Agreement

The Member replacing pole shall sell interest to each Member concerned. Each Member shall receive salvage on maximum value recoverable and shall pay pulling and transportation. Each Member shall transfer its facilities and shall bill party responsible for the damage for its share of the net cost of replacement.

Emergency pole installation is where the pole must be replaced immediately: The joint owner(s) must be notified by telephone of emergency installations within 24 hours by setting Member. Setting Member must issue Form 2 Preliminary within 45 calendar days from date of pole replacement, otherwise Section 7.13 will apply. Telephone notification must be confirmed by either Form 2 or Form 48 showing, if known:

- (a) Time and date of accident
- (b) Time and date joint owner notified
- (c) Name of person notified
- (d) Police report number

In cases where the urgency for new pole installation is not immediate, notification rules of this section will still apply, however the rules of 7.11 will be followed to determine "**proposed**" purchase in new pole. (Revised January 2007)

7.7 Replacement of Pole Which Is Used Jointly Without Authority

Any Member maintaining an unauthorized attachment on a pole to be replaced shall:

- Purchase interest in existing pole at structural value with a 50% penalty.
- Receive salvage if applicable.
- Pay pulling, transportation, and disposal.
- Transfer at own expense.
- Purchase interest in the replacing pole.

This member shall also transfer at own expense and purchase interest in replacing pole.

If Member with unauthorized attachment proposes to abandon concurrent with replacement, it shall:

- Purchase interest in existing pole at structural value with a 50% penalty.
- Receive salvage if applicable.
- Pay pulling, transportation and disposal.

7.8 Replacement of Pole Within One Year From Date of Purchase of Interest

When original owner requests the replacement of a joint pole 25 years old or older in which other owner has purchased interest within one year from date Joint Pole Authorization is sent requesting replacement, the other owner(s) shall receive refund of purchase price in pole replaced, shall not be responsible for pulling or transportation costs and shall not receive salvage, but shall purchase interest in new pole and transfer at its own expense. The one-year period referred to herein shall begin with January 1 following date sent of Joint Pole Authorization under which interest was purchased. Excepted are poles in which purchase has been made in accordance with rule of the Routine relating to Section 4.1.

7.9 Replacement for Benefit of Incoming Member or One Owner of Joint Pole Which Could Be Trenched or Moved

This Section applies to a solely or jointly owned pole, less than 25 years old, required to be relocated due to street improvement. When one owner desires to move the pole and another owner or incoming Member desires to replace the pole, the replacement may be made provided the incoming Member, or Member desiring replacement, pays excess cost of transferring facilities and equipment of other owner over such owner's share of cost of moving pole. Where differential costs have been identified, Section 1.2 will be used. In all other respects the replacement shall be made in accordance with the rule of the Routine relating to Section 7.11.

7.10 Replacement of Pole for Private Party or Governmental Agency

In general, any private party or governmental agency causing a pole to be replaced shall pay all expenses in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for replacement of a pole until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member initiating the work will be responsible for all construction costs incurred by other joint owners.

When all owners have agreed as to the basis of settlement and have received authority from such

private party or governmental agency to proceed with the work, one of the owners shall replace the pole and sell interest in the new pole to each Member concerned. Each Member shall receive salvage, if applicable, and pay pulling and transportation. Each Member shall transfer its facilities, and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of replacement.

7.11 Replacement of Pole for Mutual Benefit of All Joint Owners

Member replacing pole for mutual benefit shall sell interest in new pole to other Members concerned. Each Member shall transfer at own expense, receive salvage, if applicable, and pay pulling and transportation.

Mutual benefit shall be understood to apply under this section as follows:

- (a) Pole 25 years old or more
- (b) Pole less than 25 years old, but rendered unfit for service by any cause not the fault of a joint owner
- (c) Pole requiring relocation for the benefit of all Members concerned
- (d) Pole identified in an authorized maintenance inspection program as unfit for service
- (e) Pole requiring replacement for clearing of discovered existing General Order 95 infractions not the fault of any joint owner.

For poles that are more than 25 years old, this section applies only to Members having more than 20 consecutive years of Joint Pole Committee membership.

For those Members with less than 20 consecutive years of Joint Pole Committee membership, which initiates the replacement of poles under the provisions of (a) above, Section 7.3 shall apply.

This rule shall also apply where owner failed to issue Notice of Intention for pole and incoming Member desires its replacement within three years, beginning with January 1 following date of its installation. If pole has been installed longer than the three-year period specified and is not more than 25 years old, the replacement shall be in accordance with rule of the Routine relating to Section 7.3.

7.13 Failure to Issue Notice of Intention of Replacement.

If any member replaces pole(s) or anchors (s) without issuing a Notice of Intention to the joint owners on record, that member:

- Will pay all PTD charges
- Will pay all transfer charges of the joint owner(s)
- Will pay for any additional authorized costs incurred due to the pole replacement

This section will not apply to pole replacements agreed to for emergencies, priority poles or storm conditions. For these replacements, use section 7.11. For plant damage replacements refer to section 7.6. (Revised January 2007)

7.14 Replacement of Wood Pole with Other than Wood Pole.

Member replacing wood pole with other than wood pole for mutual benefit, shall sell interest in new pole to other Members concerned. Each member shall transfer at own expense, receive salvage, and pay pulling and transportation.

Mutual benefit shall be understood to apply under this section as follows:

- (a) Pole 25 years old or more
- (b) Pole less than 25 years old, but rendered unfit for service by any cause not the fault of a joint owner.
- (c) Pole requiring relocation for the benefit of all Members concerned
- (d) Pole identified in authorized maintenance inspection program as unfit for service
- (e) Pole requiring replacement for clearing of discovered existing General Order 95 infractions not the fault of any joint owner

For poles that are more than 25 years old, this section applies only to Members having more than 20 consecutive years of Joint Pole Committee membership.

For those Members with less than 20 consecutive years of Joint Pole Committee membership, which initiates the replacement of poles under the provisions of (a) above, Section 7.3 shall apply.

This rule shall also apply where owner failed to issue Notice of Intention for pole and incoming Member desires its replacement within three years, beginning with January 1 following date of its installation. If pole has been installed longer than the three-year period specified and is not more than 25 years old, the replacement shall be in accordance with rule of the Routine relating to Section 7.3.

[Clarification for Section 7.14](#)

RIGHTS OF WAY

8.0 Vacation of Right of Way

The following principles apply to the division of costs in connection with rearrangement of the plant of one Member where this Member, by agreement, surrenders its line location to another Member:

The incoming Member shall purchase the plant and associated right of way of the vacating Member at its structural value. The vacating Member shall construct its plant in a suitable location at no expense to the incoming Member, except such additional expense as may be incurred in providing equivalent but not additional facilities. The incoming Member may dispose of the plant to be purchased from the vacating Member as it may elect but if, by agreement, part or all of the plant is to be resold to the vacating Member, the purchase price shall be equivalent to the salvage value of the plant, less cost of removal.

Where the new location of vacating Member is on private property, the right of way shall be secured and its cost included in the final agreement.

In any case where, for a special reason, the foregoing principles as to the division of costs are not considered applicable, the Members concerned may, by agreement, divide the costs in other proportions, but no Member shall be compelled to participate in the capital expense of any other Member except when directly benefited thereby. (See Section 16.0 and 16.2)

Example

Assuming that A desires to obtain the line location of B and joint ownership of poles is not recommended, the cost analysis for vacation of right of way by B should include the following items:

- (a) Structural value of B's existing facilities
.....\$1,000
(Reproduction cost new, less depreciation)
- (b) Net Salvage value to B of above facilities
\$300\$ 700
(Salvage value, less cost of removal)
- (c) Cost to B of equivalent facilities in new
location.....\$1,200
- (d) Replacement cost of B's existing facilities
in present location.....\$1,100
- (e) Net difference of cost which B will bill A
.....\$ 800

Additional expense to vacating Member may consist of additional cost of right of way, difference in number and length of poles and interest to be owned therein, and difference in lengths of conductors and type of construction necessitated by the character of the new route as compared to

the route to be vacated. Current date of setting and poles of same condition as poles to be installed in new location shall be used in computing comparative costs. If no additional expense is incurred by the vacating Member for providing equivalent facilities, the Joint Pole Authorization shall so state.

As far as practicable, current joint pole schedules shall be used in computing structural and salvage values, Authorized Costs where they are applicable, pulling and transportation. The division of costs shall be set up in Joint Pole Authorization in manner shown by example so that comparative costs may be checked. The billing for net difference of cost is made as an Authorized Cost. Jointly owned poles shall also be listed on the Joint Pole Authorization for the purpose of completing the relinquishment of interest and elimination of poles from the record, and there shall be no separate billing therefor, as structural and salvage values, pulling and transportation are included in the net difference of costs as specified under this section.

Computations involving poles shall be made as follows:

- (a) Where the vacating Member is to remove and retain poles solely or jointly owned, it receives structural value for its interest, cost of pulling and transportation, and allows full salvage value of poles.
- (b) If poles are not to be removed and retained by vacating Member, it receives structural value for its interest only.
- (c) Where two joint owners are concerned in vacation of right of way for a third Member and poles are to be removed, each owner receives structural value for its interest, and only the owner as designated to remove and retain poles receives cost of pulling and transportation and allows full salvage value.
- (d) If poles are to be left in place for the third Member, each owner receives structural value for its interest only.

8.1 Joint Rights of Way

The pole-placing Member will obtain easements, without monetary consideration to the grantor or property owner, over private property in the names of all interested parties except when, by agreement, a non-constructing Member may obtain such easements.

The Member agreed upon to obtain easements will issue Form 2 Preliminary Joint Pole Authorization, indicating that easements are to be obtained according to this Section 8.1, and describing briefly the location of the proposed easements. If the pole-placing Member obtains the easements, easement information may be included on the same authorization as the poles, if desired.

When easements have been obtained and recorded, Photostat copies of signed documents and maps will be transmitted by Form 8 by the securing Member to the other Member involved. Easements secured will be delineated on the map furnished. Simultaneously, securing Member will indicate the number of signed and recorded documents involved on the completed Joint Pole

Authorization, and forward to Joint Pole Committee Office for billing.

Cost of obtaining rights of way is specified in Item 11, Authorized Costs (one item to be billed for each signed document obtained and recorded). Such costs shall be shared equally by the interested parties.

The use of this section is not mandatory. Member utilities may elect to participate or not, as they see fit in each case.

8.2 Easement Liability

The joint owners of a pole or pole line shall not be held liable or accountable for the owner(s) who have failed to acquire easements to construct their facilities.

INTERSET POLE

9.0 Definition

An interset pole is one installed between two poles of an existing pole line and required as a junction or auxiliary pole for installing Member's sole use. This principle shall also apply to an existing pole where it is the intermediate pole in span of new line crossing an existing line. Refer to Section 3 if pole is to be placed for mutual benefit.

9.1 Clearance Attachment

Member which intersets pole in conflict with existing facilities of any other Member shall pay that Member's cost of making clearance attachment, which should be made at the average grade of the adjacent poles. Incoming Member erecting facilities subsequent to installation of interset poles shall attach at own expense. Joint Pole Authorization shall be issued in these cases.

If the Member that received payment of attachment costs purchases interest in the interset pole within one-year period, the attachment costs shall be refunded. The one-year period referred to herein shall begin with January 1 following date of installation of interset pole.

Interest shall be required when additional attachment is made to interset pole for any purpose other than for clearance; if purchase is required, reference shall also be made to Section 4.0. On a jointly owned pole a Member shall not relinquish its interest and yet maintain a clearance attachment thereon.

If the intersetting Member, in order not to obstruct future space requirements of the existing Member, is requested to set a higher pole than necessary for its own needs, the cost of making clearance attachment shall be borne by the existing Member.

9.2 Record

Intersect poles shall be recorded to designate clearance attachment only.

9.3 Removal of Clearance Attachment

Member desiring to remove recorded clearance attachment shall issue Joint Pole Authorization to clear pole from record.

9.4 Replacement or Removal of Pole

Upon the replacement or removal of interset pole originally set in conflict with an existing line for the benefit of owner of pole, the Member maintaining clearance attachment shall transfer or remove same at own expense. If it becomes necessary for the Member having clearance attachment to replace the interset pole for their own benefit, the rules of Section 7 will apply.

9.5 Underbuild Poles

The intersetting of an underbuild pole by an incoming Member may be permitted when it will not conflict with the present or contemplated space requirements of the existing Member.

TRANSFER, REARRANGEMENT OR CHANGE OF FACILITIES

10.0 Scope and Basic Conditions

This involves various joint pole operations such as trenching or moving, raising or lowering to grade, straightening, clearing space or rearrangement of facilities. Unit costs for such operations are shown in the schedule of Authorized Costs made a part of the Routine.

No owner is authorized to undertake any rearrangement work on a jointly owned pole except by Joint pole Authorization approved by other owner thereof. In case of emergency or hazardous condition, work may proceed without advance approval but such work shall be brought to the attention of other joint owner involved as soon as possible by telephone, which shall be confirmed by Joint Pole Authorization.

10.1 Lowering or Raising Pole to Grade - One Operation

One of the Members, shall lower or raise pole, billing other joint owner for its proportion of ownership, based on the price per foot concept, the cost as specified in the Authorized Costs, Item 3.

10.2 Straightening Pole

When the straightening is necessary because of all owners, one of the Members shall straighten pole, billing other joint owner for its proportion of ownership, based on the price per foot concept, the cost as specified in the Authorized Costs, Item 4.

Where the straightening involves trenching of butt of pole by excavation to full butt depth, such operation shall be considered as trenching pole.

Where realignment of a pole is made necessary by the facilities of one Member, such Member shall bear the entire cost of the realignment.

10.3 Trenching or Moving Pole

Cost of relocating pole is specified in Authorized Costs. One Member shall not relocate any jointly owned pole without the agreement of all other owners. One of the Members shall be designated to move pole, billing each joint owner for its proportion of ownership, based on the price per foot concept, the Authorized Cost, Items 1&2.

10.4 Trenching or Moving Pole for Private Party

In general, any private party desiring to have pole moved shall pay all expense in connection therewith. No commitment shall be made by a joint owner upon any request from a private party for relocation of a pole until all joint owners have

mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member initiating the work will be responsible for all construction costs incurred by other joint owners.

The charges for all size poles shall be prorated proportionate to ownership based on the price per foot concept.

10.5 Clearing Space for Incoming Member

Any Member shall provide a clear space when necessary on existing pole for facilities of Member desiring space, provided it is agreed that space may be made available. Existing Member shall not be liable for transfer or rearrangement costs under this section. Where pole was originally set for joint ownership for the incoming Member, clearance shall be provided without cost.

10.5-A Clearing Space for Another Joint Owner

A joint owner raising or lowering facilities to provide additional space for the benefit of another joint owner shall bill for the full Authorized Cost of the rearrangement, and the Joint Pole Authorization shall specify the new grades and spaces.

If the rearrangement requires the purchase of an additional interest under the Routine, reference shall also be made to Section 4.0.

10.5-B Clearing Space for Private Party

A joint owner raising or lowering facilities to provide space for the benefit of a private party may bill the private party for the rearrangement as it may elect. No billing shall be made between joint owners except for the purchase of additional interest under Section 4.0 of the Routine when the rearrangement requires such additional interest.

10.6 Raising Construction on Jointly Owned Pole Where no Rearrangement of Upper Member's Facilities Is Required

Where the lower Member desires to raise its construction above recorded grade on a jointly owned pole, and it is mutually agreed that space is available without requiring the upper Member to make any rearrangement in its facilities, the Joint Pole Authorization shall specify the new grades and spaces.

If the change in grade requires the purchase of an additional interest under the Routine, reference shall also be made to Section 4.0.

10.7 Adding Circuits or Facilities in Communication Space

Where a Member desires to add circuits in communication space and it is mutually agreed that space is available without requiring any rearrangement of authorized facilities, the joint Pole Authorizations shall specify new grades & spaces.

If the change in grade requires the purchase of an additional interest under the Routine, reference shall also be made to Section 4.0.

10.8 Transfer of Facilities by One Owner

Upon approval, a joint owner may transfer the facilities of another owner and/or their tenants from one pole to another. Number of transfers will be designated by associated Power and Communications Authorized Cost items.

10.9 Rearrangement of Facilities by one owner

Upon approval, a joint owner may rearrange the facilities of another owner and/or their tenants on an existing pole. Number of rearrangements will be designated by associated power and communication transfer Authorized Costs Items.

FREE ATTACHMENTS

11.0 Service Drops

This section relates to the convention of reciprocity as it applies to Members owning parallel pole lines and crossing streets for the sole purpose of providing service.

Service drops are the conductors between the building or structure served and the adjacent line pole. The use of more than one pole in any direction shall constitute a line extension, and shall be governed by the rules of the Routine in the same manner as they are applicable to other line facilities.

Crossing and Conflicts: Constructing Member erecting pole shall provide, at crossings and conflicts, space for existing service wires of other Members involved in addition to space to be used or reserved for its own requirements. Purchase of interest shall not be required for such service wire attachments and cost of installation thereof shall be borne by constructing Member.

In the replacement of a pole set under the above conditions, the owner shall continue to provide a free space except where the service Member requests a taller pole, or maintained a pole top extension on the pole being replaced.

Space Clearance: A joint owner installing service wires which obstruct vertical or horizontal clearance of space reserved by another joint owner, either on the pole or in the span, shall be responsible for clearing the obstructed space.

Where a free attachment obstructs additional space required by the owner of a pole, the Member maintaining the free attachment shall provide clearance at their own expense.

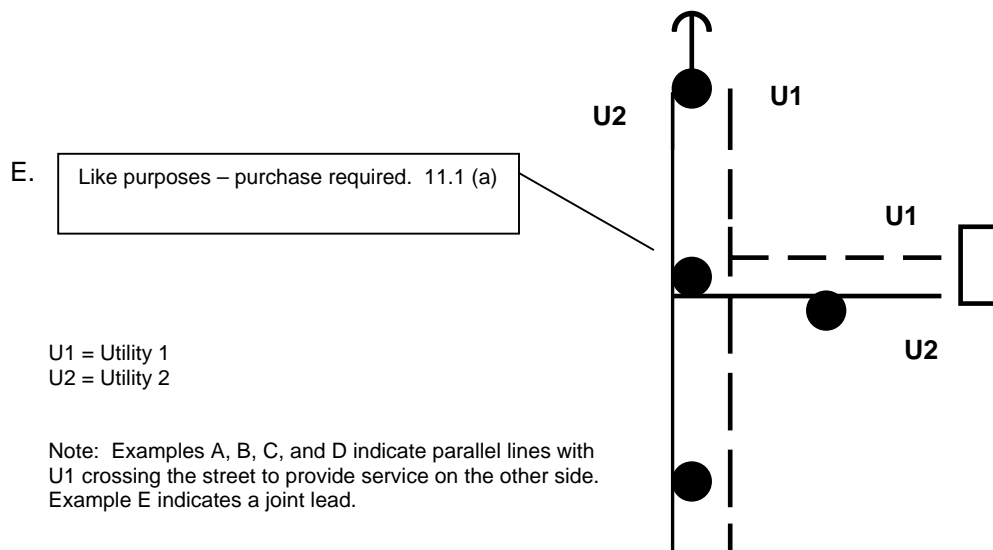
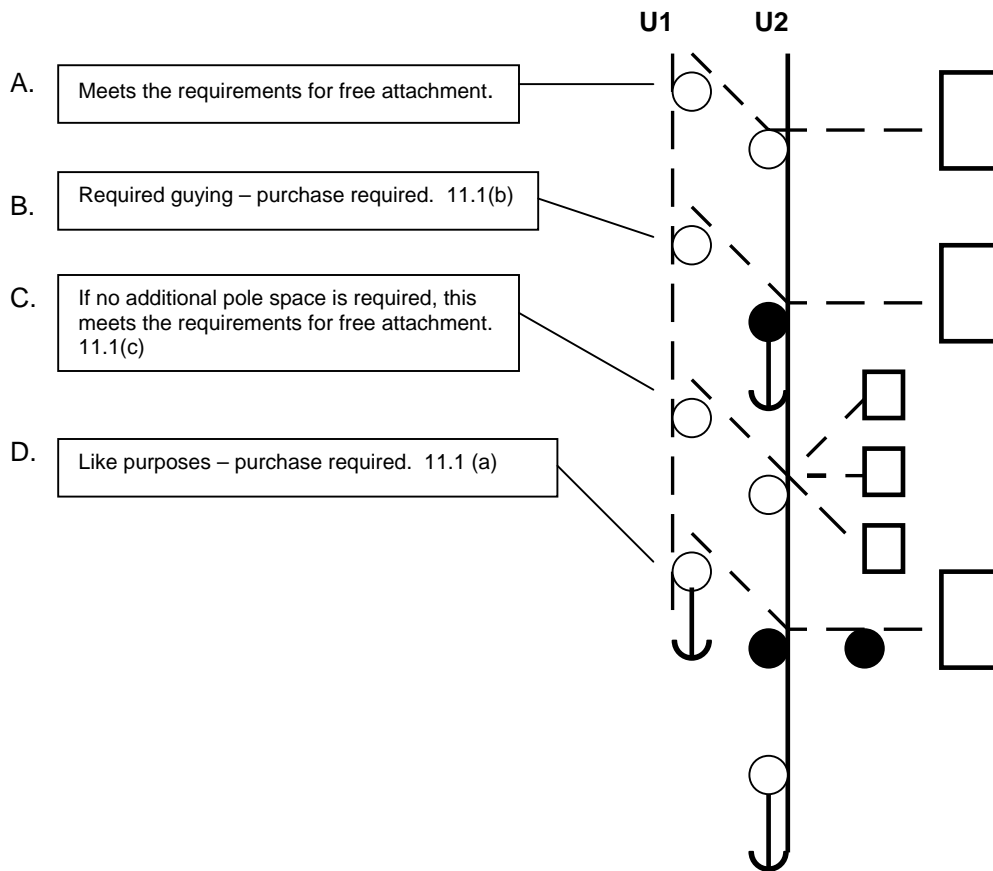
Where service crossing mid span obstructs the space requirements of the owner of the line crossed, the Member maintaining the service shall be responsible for clearing such space. If mid span service obstructs a line owner's future needs, the service owner shall pay the cost of clearing the service except as it may be agreed that rearrangement of the service is of mutual benefit.

11.1 Purchase Requirements

Form 2 Record is required for all service drops whether purchase is required or not. The basic rules of purchase are:

- (a) If a pole is used by more than one Member for a like purpose, purchase is required.
- (b) When a service attachment requires that guying be used, purchase is required.
- (c) If no additional space is required, multiple drops can be served without purchase. (e.g. multiple service drop connector box, single spool dead-end)

See example on reverse side.



STUBS, GUYS AND ANCHORS

12.0 Stubs, Guys and Anchors

All guys, stubs and anchors shall be installed under Notice of Intention and in accordance with an agreement in joint planning. These shall be jointly owned at dead-ends, corners, curves, or any other point in line where the facilities of Members jointly owning poles have stresses acting in a common direction. Nothing herein shall be construed as requiring the incoming Member to provide joint anchorage unless separate anchor conflicts with facilities of existing Member.

Guys of the same ownership shall not require separate interests in pole or stub, except as made necessary by space used. This shall also apply for guys from the levels of two classifications of circuits of the same ownership, regardless of the interest held in pole from which the guys originate.

NOTE: Section 12.0 is a non-billable section.

12.1 Guy Attachments

The cost of poles used exclusively for guying shall be proportioned equally among owners.

12.1-A Purchase Required

- (a) Pole or stub used exclusively for guying.
- (b) Pole ground braced for guying, or with supporting guy to anchorage.
- (c) Pole used for guying where a communication messenger is attached without cable.
- (d) Pole used for supporting street light span guy.
- (e) In all poles where guys are extended from pole to pole involving more than one span.

12.1-B Purchase Not Required

Poles to which guys are attached that do not extend more than one span, provided that the pole was not set in accordance with rules 12.1-A (a) through (e).

No additional purchase is required for guying on poles where interest is already owned as long as the guy doesn't impact other owners solely owned space. If an anchor or other facilities are later added, refer to Section 4.0.

12.2 Guys Jointly Owned

Where Members may agree to jointly use the same overhead or anchor guy, purchase of interest shall be required therein in accordance with price specified in Authorized Costs. If such guy requires joint ownership in pole, each Member shall acquire a separate interest on a proportional basis.

If existing overhead guy, down guy, and/or anchor is adequately sized to support a new member attachment, new member shall purchase into existing guy or anchor.

12.3 Anchors Jointly Owned

The size (rod diameter) and year set of anchors newly installed must be accurately shown on the Joint Pole Final Authorization to insure the use of the proper year of Authorized Costs. Existing anchors, which become joint, need not be identified with their corresponding year set. Attachments to existing anchors shall be by agreement and shall require purchase of interest in accordance with Authorized Costs.

The cost for interest in anchors, pipe brace and fittings shall be apportioned equally. Transfer cost of pipe brace and fittings are specified in Authorized Costs.

12.4 Anchors Solely Owned or Used Without Interest Which Owner Proposes to Abandon

Purchase of entire interest is required in accordance with Authorized Costs.

12.5 Replacement of Anchor for Mutual Benefit of All Joint Owners

The Member replacing anchor shall sell interest in new anchor to other Member concerned and each Member shall transfer or attach guy wire at its own expense.

Mutual benefit shall be understood to apply under this section as follows:

- (a) Anchors which, the Members agree, are unsafe or no longer adequate for their combined stresses;
- (b) Anchors associated with poles involved in general reconstruction agreed upon by Members;
- (c) Anchors or guys attached to anchors interfering with public or private improvements, or affected by other circumstances not the fault of any Member.

12.6 Replacement of Anchor for Sole Benefit

If attachment to an existing anchor would require that anchor to be replaced for the sole benefit of incoming member, the new anchor would be replaced at the expense of the incoming member.

The owner(s) of existing anchor shall be assigned interest without charge and shall receive cost of transferring guy wire in accordance with Authorized Cost.

Replacement of anchor for sole or mutual benefit within 3 years of notice of intention see Sections 3.2 or 3.3.

12.7 Unused

12.8 Unused

12.9 Relinquishment of Interest or Removal From Service of Guy or Anchor Jointly Owned

Relinquishment or removal shall be without salvage.

12.10 Removal or Replacement of Anchor and Appurtenances for Private Party or Governmental Agency

In general, any private party or governmental agency causing anchor and appurtenances to be removed or replaced shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for modification of anchor construction until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member performing the

work will be responsible for all construction costs incurred by other joint owners. When all owners have agreed as to basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners, preferably the original owner, shall remove or replace the anchor and appurtenances and sell interest in new facilities to each Member concerned. Each Member shall transfer its guy or other equipment and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of construction.

12.11 Anchor Record - Direction and Abandonment

In anchor purchases, the Joint Pole Authorization shall specify anchor's direction from pole.

Anchor abandonments or removals must be covered by Joint Pole Authorization for clearance from the record.

12.12 Transfer of Anchors & Guys

Where pole to be placed is supported by a jointly owned anchor, the Joint Pole Authorization shall state if the anchor record is to be transferred to record of replacing pole.

Transfer cost of pipe brace and fittings when appropriate will be in accordance with Authorized Costs.

CORRECTION OF RECORD / CANCELLATION

13.0 Cancellation

Cancellation of Joint Pole Authorization where any construction expense has been incurred by owner of pole may not be made without the consent of Members concerned. Where no expense has been incurred, the Member desiring cancellation shall immediately notify other Members concerned by forwarding a Form 7 showing Joint Pole Authorization number and location, but omitting the details of transactions.

13.1 Correction of Record

Correction of error in recorded data or any other detail shall be made on Joint Pole Authorization and, where necessary, adjustment for price shall be made in accordance with date of Joint Pole Authorization that has been found to be in error. (See Example 8, Page 18-13) Recorded interests in conflict with the Routine shall not be corrected, except with the consent of all Members concerned, until pole is replaced, or an incoming Member

desires to purchase interest, or one joint owner wishes to relinquish interest.

The Committee shall issue a new record for all corrections except those relating to pole locations. Member noting error in location of pole shall correct its record and advise other joint owners and the Committee by Form 7 J/P Memorandum of necessary correction.

13.2 Refund

Refund of full purchase price may be authorized when attachment has not been made and no construction expense has been incurred by owner of pole or equipment involved. Refund shall also be authorized, where required, for reinstatement of record or any other detail in which a completed transaction is in error for five years from the bill of sale date unless otherwise negotiated by special agreement. (See Section 1.2)

MISCELLANEOUS

14.0 Sharing of Miscellaneous Item

Costs

Some miscellaneous items required by General Order 95 are not billed unless mutually agreed between Members because of the cost of administration thereof. (e.g. stepping)

14.1 Arms To Be Jointly Owned

Installation costs of new arms and cost of purchasing into an existing arm are specified in Authorized Costs. Members may jointly own one or more arms for supporting their respective circuits or facilities when mutually agreeable to them. Arms jointly used by different owners for Class H, L, or C circuits or facilities in vertical position shall be purchased or assigned on an equal interest basis. (See Section 4.4 and examples in Section 18).

14.2 Pole Guard

The cost of installation and transfer of semicircular pole guard is specified in Item 8, Authorized Costs. Billing is prorated equally. The guard involves purchase of interest as an equipment item. Salvage value does not apply on guard for relinquishment of interest or removal from service.

14.3 Visibility Strips

Joint pole shall be provided with visibility strips where required by legal authority. (Refer to Authorized Cost Item 15.b.)

14.4 Stepping

Joint poles shall be provided with pole steps at the sole expense of the Member placing them in cases where they are desired by one owner, or where required by legal authority.

14.5 Pole Top Extension

A Member proposing to install a pole top extension on a pole in which it does not own an interest shall obtain approval of all owners on Joint Pole Authorization before installation is made. Such Member shall also purchase interest in pole (Section 4.0) except where exempted for clearance purposes.

In transfer costs where an extension is involved, cost shall not include extension but shall apply only to the crossarms and wires or other appurtenances supported thereon.

14.6 Temporary Attachment

A Joint Pole Authorization shall be written for all temporary attachments. A temporary attachment is defined as an attachment of less than one year's duration.

For placement of a temporary attachment, prepare a Preliminary Joint Pole Authorization Form-2 showing the estimated date of attachment. (See Example 9, page 18-14) Upon approval of the Joint Pole Authorization by all joint owners and the completion of the attachment:

- Prepare the Form-48.
- Prepare the Final Joint Pole Authorization showing the actual date of attachment.
- Submit the Final Joint Pole Authorization to the Joint Pole Committee office for billing.
- An Administration fee will be charged based on the cost of one foot of pole space with no common area cost.
- A Temporary record will be issued.

Upon removal of temporary attachment:

- Prepare a Form-48 with the removal date of the temporary attachment.
- Send a copy to all Joint owners and to the Joint Pole Committee office.
- The Joint Pole Committee office will clear the temporary attachment record.

For attachment remaining longer than one year, see Section 4.0 or 4.1. For placement of temporary poles see Section 3.5.

14.7 Tree Trimming

Tree trimming shall be the liability of the Member whose facilities are involved in interference from trees, or whose circuits, due to trees, become hazardous to conductors of other Members, and shall not be a joint expense except where all Members concerned agree that trimming is necessary for the mutual protection of their respective facilities.

14.8 Backhoe Usage

The cost of a backhoe and operator to perform required work on jointly owned poles shall be shared equally among all owners. The average hourly cost unit is identified as Item 16, Authorized Costs. A field agreement must be made to determine the number of hour units required to complete the operation. The hour units agreed upon are then multiplied by the cost of Item 16 to reach the final cost.

Example: If a job was agreed upon to take 3 hours, the final cost would equal 3 (hour units) times Item 16 cost, divided by the number of owners.

14.9 Hand Dig Pole

The cost for hand digging a pole replacement, or new set will be shared equally among all pole

owners. Hand dig charges do not apply for poles set in same hole, or poles set in rear property. (See Item 9 of Authorized Costs).

[Section 14.9 Clarification](#)

IDENTIFICATION OF POLE AND FACILITIES FOR RECORD DATA

15.0 Identification of Pole and Record Data

Pole shall be numbered. Length and year set nails may be used to give complete identification for record purposes.

15.1 Numbering Pole

Member placing or replacing a pole must number the pole upon installation. Each Member shall have distinguishing letter or initials to signify original ownership. The pole number is a permanent designation of original ownership for a specific location and will remain with the pole until its removal. In replacement of pole, new pole may be assigned a new number or re-assigned the same number.

15.1-A Retagging Pole

When a tag has been lost or destroyed, a duplicate number will be provided. Member issuing an authorization and identifying a pole without a pole tag will **retag with the original number. Costs will be shared as specified in the Authorized Costs, Item 15.**

15.1-B Location of Pole Tag

The pole tag should be placed at 12' but not less than 8' above ground level. On streets or alleys the tag should preferably be placed on side of pole toward approaching traffic. On property lines or easements the tag should be placed on the side of pole toward street used for location reference, which should correspond to frontage of lot on which pole is located.

15.1-C Specification of Pole Tag

Pole tag shall consist of a material that is weather and corrosion resistant and should be capable of lasting the life of the pole.

15.2 Marking Pole

Pole may be marked with standard nails to denote length and year set.

Marking nails, if used, shall be placed immediately below pole number, the length nail on the left and the year nail on the right.

15.2-A Marking Communication Cables

To promote the easy identification of "C" cables for engineering, construction, and in the case of emergencies, cables will be marked with a Member or Tenant identifier at each pole, and should be attached directly to the cable or the cable hardware. The cable tag shall consist of a

material that is weather and corrosion resistant and should be capable of lasting the life of the cable.

15.3 Numbering Push Braces

Push brace shall be numbered, tagged and recorded as a separate pole. (See Section 3.0)

15.4 Pole Location for Record Purposes

The distance of pole from some fixed point of reference must be given accurately in such manner that pole may be placed on record map if necessary, without further field check. Measurements are made from property line and not from curb (see Glossary). The location distance of poles should always be measured from the nearest intersecting street, etc.

In giving name of street, specify whether it is ST., AV., DR., RD., HWY., etc. (see Section 20.3). Specify urban or rural settlement in which pole is located, including the district, division or exchange areas of the Members concerned.

On property lines or rear easements the street of reference should correspond to the frontage of lot on which pole is located. On curving streets or highways the side on which pole is located should be designated with reference to the general direction in which street or highway runs. Where street or road on which pole is located is unnamed, reference should be made to nearest adjacent streets or roads. (See Diagram 15, Example 20)

The side of the street or alley on which poles are located should be specified in all cases. For poles at street and alley corners the location should be given as 1', etc., from the intersecting street or alley. Where pole at corner is in the radius inside the property lines projected (not definitely on the side of one street or alley), the location should be described as at the corner. (See Diagram 15, Examples 1 and 12)

For single poles on private property, the nearer street should be named first in giving the location. Where two or more poles are involved in a parallel direction, the nearer parallel street should be used for all poles.

In rural territory or in hilly or mountainous area where measurements cannot be given from any roadway or other landmark, reference may be made by lot, block and tract number or title, if available, or Global Positioning System (coordinates), or given by metes and bounds, i.e., section number, township line (N or S) and range line (E or W).

In instances where rural areas have been developed, pole record is to be updated to reflect new location. (Refer to Section 13.1)

See Diagram 15 and location examples following. (See Glossary for list of definitions).

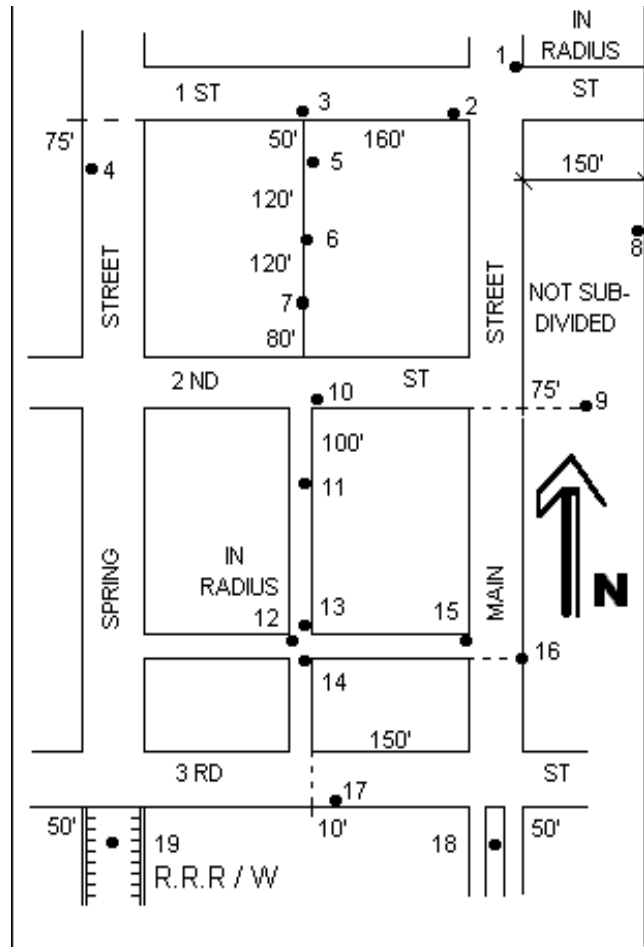
The following are examples correctly denoting the pole location. These examples (numbered 1 to 19) are illustrative of the manner in which the location description should be given applying to each of the poles correspondingly numbered as shown plotted in the diagram.

1. 1st & Main Sts N/E Cor
2. 1st St S/S 1' W/o Main St
3. 1st St S/S 160' W/o Main St
4. Spring St W/S 75' S/o SL/o 1st St Extd
5. Main St PL/W 50' S/o 1st St
6. Main St PL/W or Spring St PL/E 170' S/o 1st St
7. Spring St PL/E 80' N/o 2nd St
8. Main St PP 150' E 225' S/o 1st St
9. 2nd St S/L Extd on PP 75' E/o Main St
10. 2nd St S/S 1' E/o A/W/o Main St
11. Main St. A/W E/S 100' S/o 2nd St
12. 3rd St A/N N/W Cor/o A/E/o Spring St
13. Main St A/W E/S 1' N/o A/N/o 3rd St
14. Main St. A/W E/S 1' S/o A/N/o 3rd St
15. 3rd St A/N N/S 1' W/o Main St
16. Main St E/S Opp S/L/o A/N/o 3rd St
17. 3rd St S/S 10' E/o Extd E/L/o A/W/o Main St
18. Main St (Center Pkwy) C/L 50' S/o 3rd St
19. (name) RR R/W-Center Pole-Spring St. Extd (or W/o Main St) 50' S/o 3rd St

Examples Not In Diagram

20. Co Rd E/S 1 Mi E/o Main St, 2 Mi & 400' S/o 1st St
21. Along N/L 50' E/o N/W Cor/o Lot 1, Bl 2, Forest Hts Subdiv
22. 50' E & 50' S fr N/W Cor/o Sec 3 T2N R16W SBBM

Diagram 15



15.5 Length, Year Set and Treatment of Pole

The length, year set and treatment of pole must be accurately given on Joint Pole Authorization as these data constitute the basis upon which price is fixed for interest in pole in accordance with schedules of structural values. For purposes of type of treatment, they shall be listed on the Joint Pole Authorization as Butt Treated (T), Full Treated (FT), Gray (G) or Additional Treatment (AT).

Types of treatment included in these groupings are as follows:

T (Butt Treated)

Creosote or Pentachlorophenol

FT (Full Treated)

Creosote
Pentachlorophenol
Cellon - Natural Color
Chemonite
Copper Naphthenate

G (Gray)

Gray Stained - Cellon
Gray Stained - Chemonite
Gray Stained - Butt Treated Cedar

AT Methylisothiocyanate-MITC FUME or Wood Fume
UltraFume
Disodium octaborate teragydrate-Tim-bor
Fluorod

Disodium octaborate-Boron rods___

15.5-A Additional Treatment of Joint Poles

Mutual agreement must be obtained prior to additional treatment of existing joint poles. The actual Chemical used for additional treatment will be identified on the preliminary joint pole authorization.

15.5-B Reset Poles

Date of reset shall be given where a pole has been reused. Poles that are reused will be noted on joint pole authorization and the structural value thereof shall be priced at the schedule value decreased by three years depreciation.

15.6 Minimum Pole Class Requirements

The minimum pole class will be based on Member requirements per the table below.

15.7 Alternative To Wood Poles

CF (Composite Fiberglass)

LWS (Lightweight Steel)

[Clarification to Section 15.7](#)

SIZE	E	M	A	MP	J	B	D	MA	F	LLW	SCW
25'	5								6	3	
30'	5	3			5				6	3	
35'	5	3		4	5		4	2	4	3	3
40'	5-1	3	3	3	2	3	4	2	4	3	3
45'	4-H1	3	3	3	2	3	4	2	3	3	3
50'	4-H2	3	3	3	1	3	3	1&2	3	3	2&3
55'	3-H2	3	3	3	1	3	3	1&2	3		1&2
60'	2-H2	2	2	2	1	2	3	1&2	2		1&2
65'	2-H2	2	2	2	H1	2	3	1&2	2		1&2
70'	2-H2	2	2	2	1	2	2	1&2	2		1&2
75'	2-H2	2	2	2	H1		2		2		
80'	2-H2	2		2	H1		2		1		
85'	2-H2	2		1	H1		2		1		
90'	2-H2	2		1	H1		2		1		
95'	2-H2	2			H2						
100'	2-H2	2									

CIRCUITS, GRADE AND SPACE

16.0 Grade, Space and Cost Allocation

Each Member shall specify its proposed space and grade. Where a Member proposes to use two or more separate and distinct levels, the grade and space for each shall be specified.

16.1 A-Grade

Grade is measured from the ground line to the attachment in question. The average grade of the top position on a pole and other pertinent attachment information shall be assumed to be as follows (the top conductor is not necessarily at the same height):

Pole Ht	Top Grd	Ft in Grnd	Supp Struc	Safe Clear	Common Area	Use Ft
25'	20'	5'	14'	4'	23'	2'
30'	25'	5'	16'	4'	25'	5'
35'	30'	5'	18'	4'	27'	8'
40'	34'	6'	18'	6'	30'	10'
45'	39'	6'	18'	6'	30'	15'
50'	43'	7'	18'	6'	31'	19'
55'	48'	7'	18'	6'	31'	24'
60'	52'	8'	18'	6'	32'	28'
65'	57'	8'	18'	6'	32'	33'
70'	61'	9'	18'	6'	33'	37'
75'	66'	9'	18'	6'	33'	42'
80'	70'	10'	18'	6'	34'	46'
85'	75'	10'	18'	6'	34'	51'
90'	79'	11'	18'	6'	35'	55'
95'	84'	11'	18'	6'	35'	60'
100'	89'	11'	18'	6'	35'	65'

*Per Clearance Requirements
[Clarification to Section 16.1](#)

Sec. 16.1-B Grade with Antenna (other than pole top)

Grade is measured from the ground line to the attachment in question. The average grade of the top position on a pole and other pertinent attachment information shall be assumed to be as follows (the top conductor is not necessarily at the same height):

Pole Ht	Top Grd	Ft in Grnd	Supp Struc	Safe Clear	Safe Clear Antennas	Common Area	Use Ft
30'	25'	5'	16'	4'	2'	27'	3'
35'	30'	5'	18'	4'	2'	29'	6'
40'	34'	6'	18'	6'	2'	32'	8'
45'	39'	6'	18'	6'	2'	32'	13'
50'	43'	7'	18'	6'	2'	33'	17'
55'	48'	7'	18'	6'	2'	33'	22'
60'	52'	8'	18'	6'	2'	34'	26'
65'	57'	8'	18'	6'	2'	34'	31'
70'	61'	9'	18'	6'	2'	35'	35'
75'	66'	9'	18'	6'	2'	35'	40'
80'	70'	10'	18'	6'	2'	36'	44'
85'	75'	10'	18'	6'	2'	36'	49'
90'	79'	11'	18'	6'	2'	37'	53'
95'	84'	11'	18'	6'	2'	37'	58'
100'	89'	11'	18'	6'	2'	37'	63'

*Per Clearance Requirements

The above numbers are to be used as a guideline, but are subject to change based upon actual field conditions. See the exhibit on Page 16-3 regarding how cost allocation is affected by changes in shared space. (Revised August 2007).

16.2 Space

Space is measured downward from the highest grade purchased. **When like utilities are exclusively on a pole, the safety clearance zone will become useable space and priced accordingly.**

16.3 Circuits

For classification of circuits, refer to G.O. 95 of the CPUC. Communication Members are not required to record class of circuits; it being understood that only "C" circuits are involved. Power Members are required to record class "L" circuits or class "C" circuits, as well as the class "H" circuits, which will have actual phase to phase voltages recorded.

When a Member proposes any of the items listed below, a Joint Pole Authorization shall be issued:

- (a) Change class "L" circuits to class "H"
- (b) Increase voltage in existing class "H" circuit
- (c) Add class "H" circuit

Joint Pole Authorization shall specify the proposed change or addition by stating designated voltages.

When change of voltage from less than 20kv to ground to more than 20kv to ground requires additional protective measures by another joint

owner, the cost thereof shall be determined by mutual agreement. If suitable protective measures cannot be provided, the procedure for Vacation of Right of Way will be followed to the extent possible.

If the change or addition requires the purchase of an additional interest due to more space required, reference shall be made to Section 4.0.

16.4 Cost Allocation

Allocation of pole cost is determined by a formula, which is based on the per-foot cost of each pole height.

16.4-A Common Area Costs

The cost of the common areas of the pole will be shared equally by all owners of the pole. (See Section 16.1 & Example on Page 16-3)

16.4-B Existing Attachments Prior to January 1, 1994

All attachments placed by owners of record (see Section 20.1) or lessees under owner's authority (see Section 17.0) prior to the cut-off date of January 1, 1994 will be considered "Existing Attachments". The space grandfathered shall be only for 1' of occupied space. Any additional space not shown on record shall be purchased per section 4.X without penalty. A Member identifying such a "grandfathered" attachment will record this information on the next Joint Pole Authorization prepared on that pole for record purposes.

16.5 Change in Character of Power Circuits in Joint Use With Minor Class C Circuits Where the Owner of Power Circuits Has Prior Rights in Location

Where communication Member with Minor Class C Circuits made attachment to existing pole of power Member, the power Member shall have the right to raise its operating voltage as it may elect and shall not be liable for expense of removing Minor Class C Circuits to another location, should same be deemed necessary by the communication Member.

16.6 Change in Character of Power Circuits in Joint Use With Minor Class C Circuits Where the Owner of Communication Circuits has Prior Rights in Location

Where power Member overbuilt a Minor Class C Circuit right of way, and joint ownership was entered into, power Member shall not raise its operating voltage at a later date except when in agreement with the communication Member, and if

deemed necessary, the Minor Class C Circuit may be removed to another location in accordance with Section 8.0.

Changes In Cost Allocation Based on Common Area

The common area costs for a pole are figured based on the table in Section 16.1. The table shows the common area (shared/non-useable footage) to be allocated on a pole, per pole height. Common area costs are figured by multiplying the common area footage by the cost per foot established for each corresponding pole height and dividing by the number of pole owners.

There are certain instances when space is allocated on a pole that affects the common area cost for that pole. The following examples are based on 40' poles, which have 30' of common area.

1) The pole referenced shows U2 purchasing a grade and space of 18-1. This decreases the

support structure on that pole by one foot therefore decreasing the monies charged for common area on that pole by one foot. The common area costs are now based on 29' instead of 30' and the useable space on that pole has been increased by one foot.

2) The pole referenced shows U2 purchasing a grade and space of 20-1. Per the note being referenced, they are requesting that the support structure be adjusted accordingly, since no attachment will be allowed below 20-1. This increases the support structure on that pole by one foot therefore increasing the monies charged for common area on that pole by one foot. The common area costs are now based on 31' instead of 30' and the useable space on that pole has been decreased by one foot.

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared 1/1/2005

Date Sent 1/5/2005 Confirming Agreement 1/4/2005 In Field By Telephone Est. Const. Start 2/20/2005 No. of Pages 1 J.P. Auth. No. U1-4570

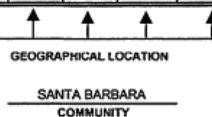
UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JOHNSON	SANTA BARBARA	M.SMITH	SANTA BARBARA	0249-5512
U2	JONES	SANTA BARBARA	J.BROWN	SANTA BARBARA	W0753-9P5

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Desc.	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.
				U1	U2		U1	U2			
				16KV	C		16KV	C		U2 TO PURCHASE SECTION 4.0	1
											2
1) 46144-U1	40	32	FT	ALL			34-10	18-1		VIRGINIA RD PP 126' S 274' E/O OLIVE MILL RD	3
											4
2) 46145-U1	40	35	FT	ALL			34-8	20-1		VIRGINIA RD PP 130' S/O OLIVE MILL RD	5
										*NOTE: NO ATTACHMENTS CAN BE MADE LOWER	6
										THAN THIS FOOTAGE. THE SUPPORT STRUCTURE	7
										SHOULD BE ADJUSTED ACCORDINGLY	8
											9
											10
											11
											12
											13

POLE LEGEND:
 L = LOWER CUT
 F = FULL
 MB = FULL BU I
 I = TRANSFORMER
 S = SALVAGE
 U = UNSURE
 TN = TENANT

ANCHOR LEGEND:
 AK = ANCHOR FROM REMOVED
 AI = ANCHOR FROM TRANSFERRED

Show Quantity of items to be billed in the Column of Party to be Paid.



VPIJ.P.-03

NON-OWNER ATTACHMENTS

17.0 Non-Owner Attachments

For the purpose of this section, a non-owner attachment is any attachment of overhead facilities by a Member of the Southern California Joint Pole Committee (other than through ownership), non-member utility, or non-utility entity, to a pole owned by one or more Member(s) of the Committee. The non-owner shall be responsible for securing an agreement with a Member.

The Member making space available to a non-owner shall assume full responsibility for the non-owner attachment, including notification for recordkeeping, and will be responsible for all administrative, rearrangement, and other costs which are incurred to accommodate non-owner attachments, for all other owners (and their tenants) attached to a pole.

Existing agreements with tenants and non-base owners will remain in effect on existing joint poles or future joint pole replacements. For existing attachments prior to January 1, 1994, see Section 16.4B.

An owner may not relinquish its interest in a pole on which it has a tenant unless the tenant's equipment is removed or one of the remaining owners accepts the non-owner as its tenant. If the tenant wishes to remain on the pole, and the tenant is a Member of the SCJPC, the tenant must purchase space on the pole for its overhead facilities.

In the case of an emergency pole replacement by a non-base owner, the tenant remains with the original owner who maintains an attachment agreement.

RECORD FORMS

18.0 Record Forms

The forms used for expediting joint pole work and recording transactions are listed below:

Form #	Form Name
2-1	Preliminary Joint Pole Authorization
2-2	Preliminary Joint Pole Authorization
2-1 FINAL	Final Joint Pole Authorization
2-2 FINAL	Final Joint Pole Authorization
Form 7	Joint Pole Memorandum
Form 8	Joint Right of Way Memo
Form 9	Joint Pole Riser Notification
Form 12	Pole Record
Form 44	Bill of Sale
Form 48	Notice of Work Completed
Form 49	Tracer

18.1 Form 2 - Preliminary Joint Pole Authorization

Any agreement to undertake joint work must be confirmed in writing by using this form. This is authority to undertake joint work as specified. Member initiating transaction shall make necessary copies for each Member involved, all of which must be approved by an authorized representative of each involved Member. Approval may be by signature of the authorized representative to be shown on the forms in the space provided, or by the authorized representative's name, followed by the written initials of a delegated representative confirming the agreement. Names of representatives effecting agreement must be specified in space provided. Members that have various designated District, Division, or Exchange areas should identify the appropriate area by name.

18.1-A Preparation of Form 2 Preliminary Joint Pole Authorization

By agreement, any Member may be designated as the constructing Member in joint work.

The Member initiating Form 2 Preliminary Joint Pole Authorization shall specify its Authorization number and all required details of the agreement. This includes, but is not limited to:

- (a) Pole Number
- (b) Nature of work
- (c) Applicable Routine Section Number
- (d) Designation of involved Members
- (e) Circuits
- (f) Interest

- (g) Grade
- (h) Space
- (i) Complete pole/equipment data, including wireless and broadband equipment.
- (j) Other essential record data
- (k) Authorized Costs item number and number of items where required
- (l) Police report or case number when applicable
- (m) Any other related information deemed necessary
- (n) Estimated construction start date
- (o) Date sent
- (p) Date prepared

This form shall be limited to 10 pages.

Where a specific transaction involves special agreement, it shall be designated as such on Joint Pole Authorization. (See Section 1.2)

It is the responsibility of all Members involved in the Joint Pole Authorization to see that data and details of the agreement are correct. The date Joint Pole Authorization is sent shall be used in completing the billing for structural and salvage values; except in replacements, the date poles are set shall apply.

Any deviation shall be by agreement of the Members involved and noted on the Joint Pole Authorization. Section 20 shows Member code letters and abbreviations to facilitate preparation of Joint Pole Authorization.

Where jointly owned poles are to be removed from service, the Joint Pole Authorization must designate which Member is to pull, transport, and dispose/salvage poles as specified in Section 5.0.

To insure correct spotting of poles on record maps, it is essential that locations be accurately recorded (see Section 15.4). It is important, both for map and field reference purposes, to correctly give the City, Town, etc., in which the poles are actually located. (Revised July 2007).

18.1-B Changes Prior to Approval

Any changes desired prior to approval of Form 2 Preliminary Joint Pole Authorization by the receiving Member shall be made by means of the following procedure:

(A) Receiving Member:

- (1) Make desired change
- (2) Sign amended form
- (3) Strike out signature of issuing Member
- (4) Return copy to issuing Member

(B) Issuing Member:

(1) If change is acceptable:

(a) Sign and date in area of deleted signature and return copy(s) to receiving Member(s)

(b) Process form in normal manner

(2) If change is unacceptable:

(a) Communicate by telephone and/or meet in field with receiving Member(s) representative(s) to resolve differences.

(b) Any further revisions must be made within fifteen days of receipt or the change will be considered approved.

(c) If subsequent changes occur, refer to the standard procedure for Form 7 usage. (See Section 18.4)

(d) If no agreement can be reached, either Member may initiate arbitration by forwarding a Form 7 notifying the Committee office that a protest has been filed. A copy of the form must be forwarded to the other participating Member(s) on the same day the protest is filed. The authorization will then be held until agreement is reached in accordance with arbitration procedures.

(3) Multi-Party JPAs:

The initiator of a multi-party JPA will be responsible for notifying all involved parties of any changes made to that JPA prior to final approval.

18.1-C Changes After Approval

Any changes desired after the Form 2 Preliminary Joint Pole Authorization approval shall be made by means of one of the following:

A) Form 7 (refer to Sec 18.4 and Example 4) shall be used for the following:

- Correct Joint Pole Authorization number
- Correct or add Accounting Data
- Correct pole number
- Delete pole
- Correct Pole length
- Correct Year set
- Correct Pole treatment (except a change from wood to alternative pole type, i.e. CF, LWS)
- Circuit correction

- Correct grade and space
- Correct, add or delete authorized costs
- Correct, add or delete Section number
- Change pulling routine
- Delete owner
- Correct pole location and/or community
- Correct, add or delete tenant
- Correct, add or delete anchors, guys or arms

B) A revised Form 2 shall be used for the following:

- Add owner(s)
- Add pole(s)
- Change from wood to alternative pole type (i.e. CF, LWS)

Same Joint Pole Authorization number should be used with a revision identifier (i.e. JPA12345 Rev 1, JPA12345 RO1, JPA12345 Rev) and new date sent.

C) Form 2 Supplement for information or transactions omitted from the original FINAL Joint Pole Authorization. Same Joint Pole Authorization number should be used with a supplement identifier (i.e. **JPA12345SUP1, JPA12345S01, JPA12345SUPPL**) JPC office will convert to SUP.

D) Form 48 shall be used for the following:

- Change pulling routine
- Change topping of pole(s)

(Revised April 2007)

18.1-D Time Limits Involving Form 2 Preliminary Joint Pole Authorization

The return of Form 2 Preliminary Joint Pole Authorization shall be within 45 days of date sent.

Automatic Approval - The Form 2 Preliminary Joint Pole Authorization will be considered approved when 45 days have elapsed from date sent of Form 2 Preliminary Joint Pole Authorization to other Member(s), and there is no written protest or request for review.

The Authorization may be finalized by the issuing Member when 45 days have elapsed from date sent of Form 48, indicating the work has been completed as previously approved.

- This section cannot be invoked with Section 1.2 Special Agreement.
- Effective January 1, 2006, Authorizations issued prior to January 1, 1995 will be billed under current billing practices.
- Under the terms of this section, all utilities shall type the date Form 48 sent on the bottom line of Location/Nature of Work Section of the Final Authorization.

Construction Start Date/Cancellation - The time limit for starting joint pole construction shown on a Form 2 Preliminary Joint Pole Authorization shall be 18 months from date issued. At the expiration of this time period, the following procedure should be followed:

If construction has not been started:

- Form 7 shall be sent by any member involved to request extension, which requires mutual agreement in writing, or to cancel.
- If construction has not been started and JPA time limit exceeds 24 months, supporting documentation is required for extension.

If construction has been completed, refer to Section 18.1F.

[Section 18.1D Clarification](#).
(Corrected 02/12/2008)

18.1-E Time Limits Involving Construction and Other Miscellaneous Situations

(a) Emergency Replacements - Member replacing pole in an emergency must notify other owner(s) within 24 hours by telephone. This includes the emergency use of MOD/POLES. (See Sections 7.6 and 19.7)

(b) Free Attachment - Member maintaining free attachment must remove its facilities within 48 hours of telephone notification confirmed by Form 48. (See Sections 5.5 and 11.0)

(c) Maintenance Liability - Liability for maintenance extends 60 days from date sent of a Form 2 Preliminary Joint Pole Authorization involving a relinquishment, or from the date facilities were removed from pole. (See Section 19.0)

(d) Relinquishment/Abandonment of Interest - 60 days notice must be given to other owners when termination of ownership is intended. (See Section 5.1)

(e) Removal of pole or transfer of facilities must be completed within 60 days from date of Form 48. (See Section 5.0 & 7.0)

(f) After the final billing has been processed, all liability is assumed by remaining Member(s). (See Section 5.0 & 7.0)

(g) Temporary attachments allow for facilities of another Member to remain on a pole for a period of time, which is less than one year. (See Section 14.6)

18.1F Failure to Final JPA upon Completion of Construction

The form 48 is used to notify other owners that work has been completed and must be issued within 30 days of construction complete. If the issuing utility fails to adhere to the time limits, any member who is party to that JPA may issue the Form 48 and/or final JPA. The following procedure is required:

- Form 48 shall be sent to all members involved, if not previously issued
- Form 7 shall be sent to all members involved notifying of the intent to final bill
- If no response after 15 days of Form 7, member may proceed with finalizing the JPA
- The issuing party will pay the full administrative costs to the member submitting the final as defined in Authorized Costs item 14, as of current year (Revised July 2007).

18.2 Form 2 Final - Initiation

The Member initiating transaction shall transmit one copy of this form, which shall be an original Southern California Joint Pole Committee authorized typed or electronic document, to Joint Pole Committee, specifying work as completed under approved Form 2 Preliminary Joint Pole Authorization not less than 45 calendar days after sending the completed Form 48. If all parties to the Joint Pole Authorization have approved the preliminary as written, the 45 calendar days may be waived.

All data essential to complete the record must be specified, including Member accounting data, voltage and space shown on Preliminary Joint Pole Authorization.

NOTE: If the above information cannot be obtained by the issuing Member, the Committee office is authorized to obtain said information from the non-issuing Member.

Transfer, Installation, equipment, and other authorized costs must be shown by item number and number of items.

The date sent on the Form 2 Final will always be the same as the date sent on the Form 2 Preliminary Joint Pole Authorization.

18.3 Form 2 Final - Completion

Copies of Form 2 Finals are distributed by the Joint Pole Committee office. Any discrepancies noted by the Committee on Form 2 Final will cause this form to be returned for correction. When form 2 Final has been issued, the Committee is authorized to proceed with the preparation of pole record and Bills of Sale.

18.4 Form 7 - J/P Memorandum

This form is for use in effecting changes to issued Form 2 Preliminary Joint Pole Authorization by agreement.

When changes in an authorization are proposed, the Member receiving the Form 7 must return same within 15 days.

The memo must indicate the Members to whom the copies are directed.

For use in protest procedures see Section 18.1-B(d).

18.5 Pole Record

The pole record is prepared by the Committee office in accordance with Form 2 Final. A pole record shall be maintained for each pole as long as it continues to be used as a jointly owned pole.

The complete pole record shall include the following:

- Pole number
- Location
- Length
- Year set
- Treatment (T, FT, G, CF, LWS or AT)
- Members involved
- Space & grade allocation
- Tenant grade
- Joint anchors
- Joint arms
- Bill of Sale date
- Amount paid for interest in pole or equipment
- Nature of maintenance work or other operation involved
- Joint Pole Authorization number

All subsequent transactions occurring on pole during its use as a jointly owned pole shall be recorded in chronological order and, as each transaction is affected, superseding records shall be prepared by the Committee office and furnished to the Members. The records should be checked by all Members promptly when received, and the Committee office should be

advised without delay if any changes are necessary.

Records will be kept of:

- Clearance attachments where interset poles are involved
- Temporary attachment(s)
- Pole top extensions (PTX)
- Free attachments
- Any cases where the Members concerned may request record of specific transactions

When the same record is held by two parties, that record shall be fact unless proven otherwise by a third party, or previous bill of sale.

18.6 Form 44 - Bill of Sale

Bill of Sale specified that sales shall be made subject to mortgages, deeds of trust, or other prior liens upon the property specified therein. The Form is prepared by the Committee office in accordance with Form 2 Final and specifies:

- the Members involved in billing
- the Authorization number
- the total amount to be billed on each Joint Pole Authorization
- The net amount due one company from the other.

The Bill of Sale form transfers equities between companies. One copy of every Bill of Sale must be executed by each company involved and transmitted to the other, regardless of which company pays the net bill.

18.7 Form 48 - Memorandum Notice of Joint Pole Work

This form is used to notify other owners that work has been completed in order to expedite any remaining joint pole work by other Members, supplementing verbal or other instructions. It may also be used to make changes in a Preliminary Joint Pole Authorization relating to the pulling routine, the topping of poles, and hand dig.

18.8 Form 49 - Tracer

This form is used for inquiry regarding delay in return of signed Form 2 Preliminary Joint Pole Authorization, or for delay in forwarding Form 2 Final to Committee for completion.

18.9 Form 9 - Riser (Revised January 2007)

This form is used to notify other owners of proposed riser placement when no Form 2 Preliminary is required. Refer to Example 10 page 18-15.

PRELIMINARY JOINT POLE AUTHORIZATION ILLUSTRATIONS

The following pages are included in the Routine to show how a Preliminary Joint Pole Authorization and Form 7 are to be made when representative sections and paragraphs of the Routine are applicable to the work being done. All of the poles referred to, the work being done, and the sections

under which it is being done would obviously not appear on one Joint Pole Authorization as shown here. These are for reference only and they illustrate by section numbers the more frequently used sections of the Routine.

PRELIMINARY JOINT POLE AUTHORIZATION EXAMPLE 1

- (1) When placing a pole to be used exclusively for guying, show "guy" in proposed column. Proposed ownership for poles used exclusively for guying is proportional (see Section 12.1).
- (2) Specific grade and space must be recorded (see Sections 16.1 & 16.2).
- (3) Example of communication Member relinquishing interest in a pole and transferring its tenant to the power Member. (see Section 17.0).
- (4) **Date prepared** is the date the Form 2 Preliminary Joint Pole Authorization is initially prepared. The **date sent** on the Form 2 Final shall be the same as shown on the Form 2 Preliminary Joint Pole Authorization. The **confirming agreement date** is the date the agreement is made (in field or by telephone). The **construction start date** is the date that construction is estimated to start. (See Sections 18.1-A and 18.2)
- (5) Issuing Member enters code letters of all parties involved (see Section 20.1).
- (6) Shows approval of Joint Pole Authorization (see Section 18.1)
- (7) Show location (City or County) of each representative's office.
- (8) Joint Pole Authorization number is assigned by issuing Member.
- (9) Member specific accounting data is entered by each Member.
- (10) The pole number, year set, and treatment columns may be left blank for all proposed poles until work is completed unless this data is available in advance. In lieu of pole number, show a stake number.
- (11) Show anchor size (diameter of rod), its year set (if required), and direction immediately below pole to which it refers (see Section 12.3).

AUTHORIZATION FOR JOINT POLE TRANSACTION J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared: 01/01/05 4

Date Sent: 01/05/05 5 Confirming Agreement: 1/4/2005 In Field: By Telephone: Est. Const. Start: 02/20/05 No. of Pages: 1 J.P. Auth. No.: U1-3456 8

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	J. BROWN	ALHAMBRA	510-2345
U2	JOHNSON	PASADENA	M. SMITH	PASADENA	W02345-51120

POLE NO.	Pole Length	Year Set	Pole Treat	Record		Proposed		Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole agreement and routine-state reasons.</small>
				U1	U2	U1	U2		
				16KV	C	16KV	C		U1 TO PLACE SEC 3.1 1
1234-U1	30	05	FT			GUY .50	GUY .50		SAN BRUNO S/S 26' W/O BROADWAY 2
	1"	05	E				.50	111B	3
									4
2345-U1	50	05	FT			43-13	24-4		1 ST ST N/E COR/O MAIN ST 5
						20-2			6
									U2 TO RELINQ SEC 5.1A, 5.1B & 17.0 7
3456-U2	45	74	FT	39-9	24-6	ALL			SPRING ST PLUS 80' N/O 2 ND ST 8
					TN24		TN		9
									10
									11
									12
									13

POLE LEGEND:
 L = LOWER CUT
 P = PULL
 PB = PULL BUT
 1 = TRANSPARENT
 3 = SALVAGE
 U = UNSALVAGE
 IN = ISLAND

ANCHOR LEGEND:
 AK = ANCHOR/ANOM REMOVED
 AI = ANCHOR/ANOM (KAYAK/SHRELL)

POLE TREAT:
 FT = FULL TREAT
 ST = SAFETY CLEARANCE CURB
 Show quantity of items to be billed in the Column of Party to be Paid.

GEOGRAPHICAL LOCATION
ALHAMBRA COMMUNITY

VP/J.P.-03

PRELIMINARY JOINT POLE AUTHORIZATION EXAMPLE 2

- (1) Indicate proper section of Routine to reflect work being performed.
- (2) Indicate pulling routine in the column of the party performing the work.
- (3) Show "TN" with grade when tenant circuits are involved.
- (4) Show general geographical location of the poles as related to cities or towns.
- (5) Show disposition of existing joint anchors.
- (6) Indicate voltage on poles in accordance with Section 16.3. Appropriate symbols must be shown wherever necessary to reflect voltage changes.
- (7) Indicate type of pole treatment. (See Section 15.5)
- (8) Indicate length of portion of pole cut off prior to removal in accordance with pole legend in lower left corner of authorization form.
- (9) Show disposition of existing joint sidewalk fittings, whether removed or transferred. The code "AT or AR" may also be used for any item associated with an arm or anchor, such as fittings and guys.

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared 1/1/2005

Date Sent 1/5/2005 Confirming Agreement 1/4/2005 In Field By Telephone Est. Const. Start 2/20/2005 No. of Pages 1 J.P. Auth. No. U1-3456

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	J. BROWN	ALHAMBRA	510-2345
U2	JOHNSON	PASADENA	M. SMITH	PASADENA	W02345-51120
U3	WHITE	SOUTHERN	R. GREEN	L.A. COUNTY	C80-7214

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direc.	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.
				U1	U2	U3	U1	U2	U3		
				16KV	C	C	16KV	C	C		U2 & U3 TO PURCHASE SEC 4.0 & 12.3
5678-U1	50	65	FT	ALL			43-10	27-5	22-4		4 TH ST A/N N/S 21' E/O GOOD AV
	1"		E	ALL			.34	.33	.33	111B	
											U3 TO RELINQ SEC 5.1A & 17.0
6789-U2	50	74	FT	43-10	27-5	22-4	43-10	27-9			4 TH ST A/N N/S 30' E/O GOOD AV
						TN22		TN22			
											U1 TO REPLACE SEC 7.3 & TFR ANC SEC 12.12
1023-U1	40	80	FT	34-4	24-3	21-3	C-10		PTD		GERRY ST N/S 137' W/O SUNSET
	1"		E	.34	.33	.33	AT				
	2"		PBR	.34	.33	.33	AT				
2023-U1	50	05	FT				43-13	24-3	21-3		GERRY ST N/S 138' W/O SUNSET
								1	1	83	
								1	1	78A	

POLE LEGEND:
 * = FULL
 P# = FULL BUT I
 I = TRANSFORMER
 S = SALVAGE
 U = UNPOLE
 TN = TENANT

L = LOWER CUT
 GAAP = HORIZONTAL CUT
 SGE = SAFETY CLEARANCE ZONE

ANCHOR LEGEND:
 AN = ANCHOR ARM REMOVED
 AT = ANCHOR ARM TRANSFERRED

Show Quantity of Items to be billed in the Column of Party to be Paid.

GEOGRAPHICAL LOCATION
 ALHAMBRA COMMUNITY

VP/J.P.-03

PRELIMINARY JOINT POLE AUTHORIZATION EXAMPLE 3

(1) Billing for maintenance items is based on footage owned (useable and common/non-useable); therefore, indicate which Member performs the work by the numeral one, rather than a fraction.

(2) Items not dependent upon pole height are shared equally, indicated by a fraction. The quantity of items involved is shown within parentheses.

(3) List items to be rearranged in order to provide additional space for existing joint owner.

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared 1/1/2005

Date Sent 1/5/2005 Confirming Agreement 1/4/2005 In Field By Telephone Est. Const. Start 2/20/2005 No. of Pages 1 J.P. Auth. No. U1-3456

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	J. BROWN	ALHAMBRA	510-2345
U2	JOHNSON	PASADENA	M. SMITH	PASADENA	W02345-51120

POLE NO.	Pole Length Anchor Span	Year Set	Pole Trest Anchor Direct.	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole agreement and routine-state reasons.</small>	
				U1	U2		U1	U2				
				16KV	C		16KV	C			U1 TO STRAIGHTEN SEC 10.2 & BREAST BLK	1
3012-U1	50	70	FT	43-13	24-6		43-13	24-6			4 TH ST A/N N/S 21' E/O GOOD AV	2
							1		1	4		3
							1/2(1)		2	116A		4
											U2 TO PURCHASE SEC 4.0 U1 REARRANGE 10.5A	5
3013-U1	45	88	G	39-11	22-4		39-9	24-6			SCOTT AV 500' W/O RYE CYN	6
							1			20A		7
									3			8
												9
												10
												11
												12
												13

POLE LEGEND:
 P = FULL
 PS = FULL BUT
 I = IRANSURKI
 S = SALVAGE
 U = USEABLE
 IN = IRANSI

ANCHOR LEGEND:
 AK = ANCHOR FROM REMOVEU
 AI = ANCHOR FROM IRANSURKI

Show Quantity of
Items to be billed
in the Column of
Party to be Paid.

↑ ↑ ↑ ↑ ↑
 GEOGRAPHICAL LOCATION
 ALHAMBRA
 COMMUNITY

VP/J.P.-03

FORM 7 – JOINT POLE MEMORANDUM EXAMPLE 4

Form 7's are used for the reasons listed in this Section 18, as well as Section 17.0.

This example shows the Form 7 being used for change of pole location. Note: In some cases, such as this, JPA number is NOT required.

To: Utility U2 Representative/Signature M. SMITH Phone No. (310) 555-0001
 To: _____
 To: _____
 From: U3 J.BROWN (310) 555-0000

J/P MEMORANDUM FORM 7

Date: SEPTEMBER 1, 2005

JPA No.: _____

Used for only **MINOR** additions, deletions
or changes to Authorizations

Job No.: _____

Dist./Exc.: _____

Carbon Copies To: _____

- ADD CORRECT TO READ
 DELETE CANCEL JPA

- SEE JPA PRELIMINARY ATTACHED
 CHANGE LOCATION TO READ
 REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: CORRECT POLE LOCATION AS SHOWN BELOW

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole Agreement and Routine – state reason(s).</small>	
				U1	U2									
3013-U1	45	88	G	16KV	C	39-9	24-6						1	SCOTT AV 500' W/O RYE CYN
													2	CORRECTED LOCATION
													3	
													4	
													5	
													6	
													7	
													8	

POLE LEGEND:
 P = PULL
 PB = PULL BUTT
 T = TRANSPORT
 S = SALVAGE
 D = DISPOSE
 TN = TENANT

L = LOWER TOP
CDCK = FOOTAGE CUT
SCZ = SAFETY CLEARANCE ZONE

ANCHOR LEGEND:
 AR = ANCHOR/ARM REMOVED
 AT = ANCHOR/ARM TRANSFERRED

Show Quantity of Items to be billed in the Column of Party to be paid

GEOGRAPHICAL LOCATION
GARDEN GROVE
 COMMUNITY

PRELIMINARY JOINT POLE AUTHORIZATION EXAMPLE 5

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared 1/1/2005

Date Sent 1/5/2005 Confirming Agreement 1/4/2005 In Field By Telephone Est. Const. Start 2/20/2005 No. of Pages 1 J.P. Auth.No. U1-3456

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	J. BROWN	ALHAMBRA	510-2345
U2	JOHNSON	PASADENA	M. SMITH	PASADENA	W02345-51120

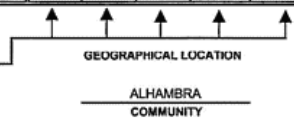
POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole agreement and routine-state reasons.</small>	
				U1	U2			U1	U2					
				16KV	C			16KV	C				U1 TO PLACE SEC 3.1	1
1234-U1	30	05	FT					GUY	GUY				SAN BRUNO S/S 26' W/O BROADWAY	2
	1"	05	E					.50	.50		111B			3
														4
													U2 TO RELINQ SEC 5.1A, 5.1B & 17.0	5
3456-U2	45	74	FT	39-9	24-6			ALL					SPRING ST PLUS 80' N/O 2 ND ST	6
					TN24			TN						7
														8
														9
														10
														11
														12
														13

POLE LEGEND:
 P = FULL
 MB = FULL BUI I
 I = TRANSPLANT
 S = SALVAGE
 D = DISPLACED
 IN = INANI

L = LOWER CUT
 QUA = FULL AGE CUT
 SGC = SAFETY CLEARANCE GONE

ANCHOR LEGEND:
 AN = ANCHORING REMOVED
 AI = ANCHORING TRANSFERRED

Show Quantity of Items to be billed in the Column of Party to be Paid.



VP/J.P.-03

PRELIMINARY JOINT POLE AUTHORIZATION EXAMPLE 6

- (1) The first transaction shows U3 purchasing within the same grade and space as U2. U3 is placing a new single arm with one cable per Item 164a and assigning U2 50% free interest in that arm. U3 transfers U2's cable from pole to arm at no charge.
- (2) The second transaction shows U3 purchasing within the same grade and space as U2. U3 attaches to U2's existing arm at no charge.
- (3) The third transaction shows U1 replacing a pole for their sole benefit. U2 and U3 own an existing arm on that pole. U2 transfers the arm and cables to the new pole and charges U1 the full cost for doing so.
- (4) Note: AT can denote Arm or Anchor transfer.

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared 1/1/2005

Date Sent 1/5/2005 Confirming Agreement 1/4/2005 In Field By Telephone Est. Const. Start 2/20/2005 No. of Pages 1 J.P. Auth.No. U1-3456

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	J. BROWN	ALHAMBRA	510-2345
U2	JOHNSON	PASADENA	M. SMITH	PASADENA	W02345-51120
U3	WHITE	SOUTHERN	R. GREEN	L.A. COUNTY	C80-7214

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole agreement and routine-state reasons.</small>
				U1	U2	U3	U1	U2	U3		
1				16KV	C	C	16KV	C	C		U3 TO PURCHASE SEC 4.4, PLACE ARM SEC 14.1 & TFR U2 CABLE SEC 10.8 1
5678-U1	50	65	FT	43-10	27-9		43-12	25-7	25-1		4 TH ST A/N N/S 21' E/O GOOD AV 2
	ARM							.50 FREE	.50	164A	U3 ASSIGN U2 FREE INTEREST IN NEW ARM 3
										83	U3 TFR U2 CABLE FROM POLE TO ARM AT NO COST 4
2											U3 TO PURCHASE SEC 4.4 & ATTACH TO ARM SEC 14.1 5
6789-U2	50	74	FT	43-10	27-9		43-12	25-7	25-1		4 TH ST A/N N/S 30' E/O GOOD AV 6
	ARM				ALL			.50 FREE	.50 FREE	164E	U2 ASSIGN U3 FREE INTEREST IN EXISTING ARM 7
3											U1 TO REPLACE SEC 7.3, U2 TO TFR ARM & CABLES SEC 10.8 8
1023-U1	40	80	FT	34-4	24-6	24-1	C-10	↓	PTD		GERRY ST N/S 137' W/O SUNSET 9
	ARM				.50	.50		AT			U2 TRANSFER ARM TO NEW POLE 10
2023-U1	50	05	FT				43-13	24-6	24-1		GERRY ST N/S 140' W/O SUNSET 11
								1		82A	U2 CHARGE FULL COST TO U1 12
								1		82D	U2 CHARGE FULL COST TO U1 13

POLE LEGEND:
 L = LOWER CUT
 P = PULL
 PS = PULL SHUT
 I = INHIBIT
 S = SALVAGE
 U = USE/USE
 IN = INHIBIT

ANCHOR LEGEND:
 AK = ANCHOR/ARM REMOVED
 AT = ANCHOR/ARM TRANSFERRED

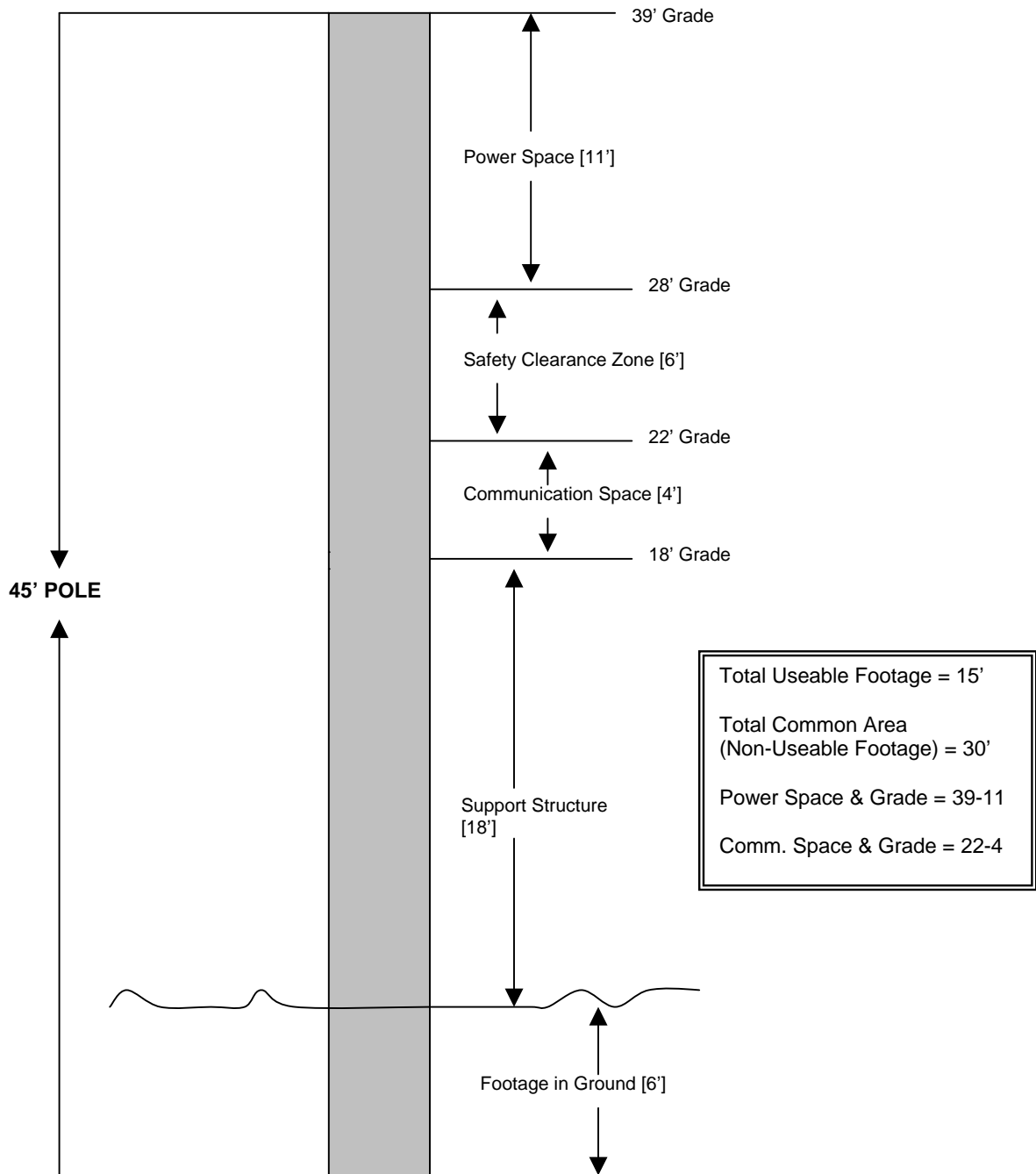
Show Quantity of Items to be billed in the Column of Party to be Paid.

↑ ↑ ↑ ↑ ↑
 GEOGRAPHICAL LOCATION
 ALHAMBRA
 COMMUNITY

VP/J.P.-03

POLE SPACE ALLOCATION EXAMPLE 7

This example shows a 45' pole with space allocated per the Chart in Section 16 of this Routine Handbook. For purposes of this example, there is one power Member and one communication Member involved on the pole. The power Member is the base owner of the pole, and the communication Member owns 4' of useable space on the pole.



PRELIMINARY JOINT POLE AUTHORIZATION CORRECTION OF RECORDS EXAMPLE 8

- (1) Date Prepared, Date Sent & Est. Const. Dates are as shown original preliminary.
- (2) All header information is identical to the original final bill.
- (3) Correction of Record JPA number must be the same number as the original with a correction of records indicator added. Correction of Record indicator must be "COR".
- (4) Use Section 13.1 and/or 13.2; show original JPA number & Bill of Sale date of JPA to be corrected.
- (5) Show information as shown on original final bill.
- (6) Show information as it should be billed.
- (7) If correcting member is other than original initiator, attach Form 49 to the final, send to Southern California Joint Pole Committee with contact information.

AUTHORIZATION FOR JOINT POLE TRANSACTION J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared 1/1/2005 Date Sent 1/5/2005 Confirming Agreement 1/4/2005 In Field By Telephone Est. Const. Start 2/20/2005 No. of Pages 1 J.P. Auth.No. U1-3457 COR

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	J. BROWN	ALHAMBRA	510-2345
U2	JOHNSON	PASADENA	M. SMITH	PASADENA	W02345-51120

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Dist.	Record		Proposed		Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.
				U1	U2	U1	U2		
				16KV	C	16KV	C		CORRECTION OF RECORDS & REFUND SEC 13.1 & 13.2 1
									CORRECTING U1-3456 B/S 4-05 2
SHOWN AS:									U2 TO PURCHASE INTEREST SEC 4.0 3
3014-U2	45	90	FT	100		39-7	26-8		MAIN ST W/S 209' S/O 3RD ST 4
									5
SHOULD BE:									6
3014-U2	45	91	FT	100		39-8	25-7		MAIN ST W/S 209' S/O 3RD ST 7
									8
									(CORRECTING YEAR SET AND GRADE/SPACE) 9
									10
									11
									12
									13

POLE LEGEND: L = LOWER CUT
 P = FULL
 PB = PULL BUILT
 I = INTRANSIT
 S = SALVAGE
 U = DISPOSE
 W = REMAIN

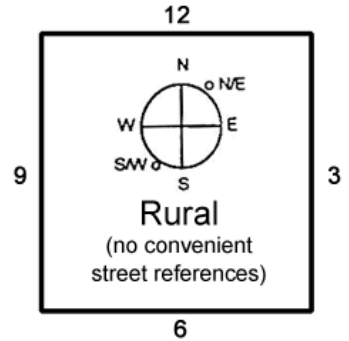
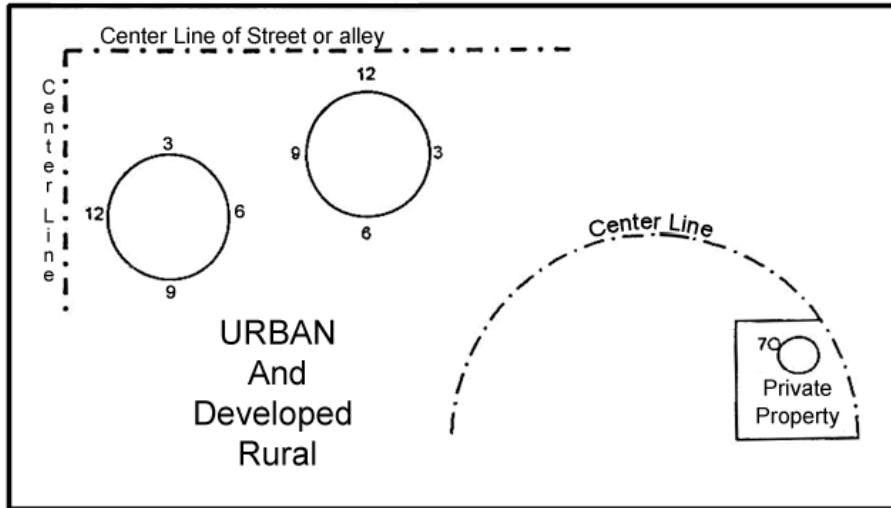
ANCHOR LEGEND: AN = ANCHORARM REMOVED
 AT = ANCHORARM TRANSFERRED

Show Quantity of Items to be billed in the Column of Party to be Paid.

GEOGRAPHICAL LOCATION
ALHAMBRA
COMMUNITY

VPIJ.P.-03

**PRELIMINARY JOINT POLE AUTHORIZATION
PLACE RISER(S) SECTION 3.4
EXAMPLE 10**



Revised January 2007

J/P RISER NOTIFICATION FORM 9

_____ TO PLACE RISER(S) SECTION 3.4

UTILITY	REPRESENTATIVE	PHONE NUMBER
From: U1	J.SMITH	818-555-5555
To: U2	M.JONES	714-323-3333
To: _____	_____	_____
To: _____	_____	_____
To: _____	_____	_____
To: _____	_____	_____
To: _____	_____	_____
To: _____	_____	_____

POLE NO.: 1234-U1	LOCATION: "A" ST S/S 50' E/O 1 ST ST
COMMUNITY BEVERLY HILLS	C/L OF: "A" ST
1:00 EXIST 2"	5:00 _____ 9:00 _____
2:00 EXIST 4"	6:00 PL 4" 10:00 _____
3:00 _____	7:00 _____ 11:00 _____
4:00 _____	8:00 _____ 12:00 _____
COMMENTS: _____	

POLE NO.: _____	LOCATION: _____
COMMUNITY _____	C/L OF: _____
1:00 _____	5:00 _____ 9:00 _____
2:00 _____	6:00 _____ 10:00 _____
3:00 _____	7:00 _____ 11:00 _____
4:00 _____	8:00 _____ 12:00 _____
COMMENTS: _____	

PRELIMINARY-JOINT POLE AUTHORIZATION EXAMPLE 11

- (1) This transaction shows U3 purchasing interest a pole for a wireless antenna. **Note: Wireless Antennas require additional safety clearance zone.** See Section 16.1, chart 16.1B for space allocation.
- (2) Indicate proper section of Routine to reflect work being done.
- (3) Show general geographical location of the pole as related to cities or towns.
- (4) Show voltage on poles in accordance with Section 16.3. Appropriate symbols must be shown wherever necessary to reflect voltage changes.
- (5) Show number of arms, their length and the grade arms to be attached

AUTHORIZATION FOR JOINT POLE TRANSACTION J.P. FORM 2-1 Preliminary 1/95

This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.

Date Prepared 5/6/2005 Date Sent 5/29/2005 Confirming Agreement _____ In Field By Telephone Est. Const. Start 6/29/2006 No. of Pages 1 J.P. Auth.No. U3-3457

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	LOS ANGELES	JONES	LOS ANGELES	5577303
U2	JOHNSON	LOS ANGELES	JOHNSON	LOS ANGELES	A403
U3	WHITE	LOS ANGELES	WHITE	LOS ANGELES	LA062-01

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole agreement and routine-state reasons.</small>	
				L U1	U2	U3	L U1	U2	U3			
											U3 TO PURCHASE SECTION 4.0 2	1
											U3 TO PLACE ANTENNAS, AND ARMS SEC. 3.15	2
3053-U1	45	02	FT	39-10	23-1		39-3	23-1	30-5		PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	3
				22-4			22-4					4
	ARM								100		U3 TO PLACE (2) 10' CABLE ARMS @ 30'	5
												6
												7
												8
												9
												10
												11
												12
												13

POLE LEGEND:
P = FULL
PB = FULL BU11
T = TRANSFORMER
S = SALVAGE
D = DISPOSE
TN = TENANT

ANCHOR LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

GEOGRAPHICAL LOCATION
3 SAN PEDRO COMMUNITY

POLE TREATMENT:
C(XXX) = FOOTAGE CUT
SCZ = SAFETY CLEARANCE ZONE

Show Quantity of Items to be billed in the Column of Party to be Paid.

Revised August 2007

TYPICAL MAINTENANCE ISSUES

19.0 Typical Maintenance Issues

This involves various joint pole maintenance operations such as the inspection, reinforcement, stubbing, groundline restoration, treatment, sidewalk repair, and other actions, which arise out of joint ownership.

No owner is authorized to undertake any maintenance work (except inspections) on a jointly owned pole except by Joint Pole Authorization approved by other owner(s) thereof. In case of emergency or hazardous condition, work may proceed without advance approval but such work shall be brought to the attention of other joint owners(s) involved as soon as possible by telephone, which shall be confirmed by Joint Pole Authorization.

Where an unauthorized attachment requiring purchase of interest under the Routine exists on a pole which is involved in maintenance of any nature, Member having such attachment shall pay its share of the cost of maintenance, and shall purchase or relinquish in accordance with Section 4.1.

19.1 unused

19.2 Liability for Vertical Clearance on Joint Poles

On Joint Pole Agreements between power and communication Members for joint ownership of poles, there will be 6' of safety clearance zone, thereby allowing the communication Member to attach at their recorded grade without the need for a guard arm. The safety clearance zone can be reduced to 4' between 0 to 750 volts class L and class C circuits, but such a reduction must be agreed to by all joint owners and the cost for the required guard arm shall be at the expense of the Member requesting the reduction (see Section 4.3). Unless otherwise agreed, guard arm installations shall be made by the communication Member.

On poles where a joint owner requests another owner who is at recorded grade to raise or lower its facilities to provide increased grade or space, and guard arm is made necessary, it shall be the responsibility of the requesting owner to pay the entire cost thereof.

On poles where a joint owner desires to install additional facilities in its own reserved space, and by so doing will create a G.O. 95 clearance infraction, the installing Member shall notify the obstructing Member by initiating Form 48, and the

obstructing Member shall take immediate steps to meet the requirements of G.O. 95.

19.3 Liability Where Change in Ground Clearance is Made Under Pole Line Facilities

When circuits are in joint use and there is a change in ground clearance made under pole line facilities which places either power or communication circuits in violation of required clearance above grade or obstruction, expense of reconstruction shall be borne jointly if neither owner is responsible for the groundline clearance.

19.4 Pole Access Obstructions

Pole access obstructions such as ivy, shrubs or other plant materials, walls, fences, signs, etc., shall be removed as the need arises and, where mutually beneficial and agreed upon by each owner of the pole, shall be at joint expense. Description of pole obstruction shall be noted with estimated cost of removal on Joint Pole Authorization. (See Item 13, Authorized Costs)

19.5 Inspection, or Inspection and Treatment of Poles

Inspection, or inspection and treatment of joint poles may be made by any joint owner without expense to the other owner(s). When an approved maintenance program exists (see Glossary), the expense will be shared equally by each owner of the pole (See Item 12, Authorized Costs A-E, also Section 2.7H).

19.6 Sidewalk or Pavement Repairs

Member placing, replacing, or removing jointly owned pole or anchor in sidewalk or pavement shall either make all sidewalk or pavement repairs, or shall leave in safe condition and notify the Member which is responsible for the repairs by telephone within 24 hours. This shall be confirmed by Form 48. Each joint owner shall be billed for equal portion of the expense in accordance with Item 10, Authorized Costs. The cost of repair shall also be a joint expense where pole or anchor installation requires purchase of interest under Notice of Intention.

In replacement or removal of pole or anchor under specific sections of the Routine in which obligation is expressed for Member whose benefit such change is made, it shall be the sole responsibility of this Member for cost of all sidewalk or pavement repairs.

Where a joint owner has been granted an extension of time for completing transfer or removal of facilities from pole to be removed, sidewalk or pavement repairs shall be a joint expense.

When finalizing the authorization, the number of sidewalk repair operations performed should appear in the proposed column under the heading of the Member doing the work along with the percentage (fraction) of the cost to be shared by the other Member(s).

19.7 Reinforcement of Poles

Poles may be reinforced with steel sleeve, fiberglass wrap, stubs/trussing, mod/poles, etc. by mutual agreement with other owners of record. (See Authorized Costs Items 6, 17 or 18)

The reinforcing Member is responsible for placing the pole tag as specified by good construction standards, as well as for miscellaneous hardware, i.e., visibility strips, pole steps, etc.

Other items which may be associated with the reinforcement process, such as asphalt or concrete repairs (see Section 19.6), shall be shared equally with all owners.

The added labor cost to the base cost of reinforcement resulting from risers or other

facilities which increase the labor cost shall be borne by the owner of such facilities.

It is not the intent of this rule to prohibit reinforcing in emergencies where advance approval cannot be obtained.

If replacement of reinforced pole is desired by one joint owner within three years, beginning with January 1 following date of the reinforcement, this owner shall reimburse the other owner for its proportion of the original reinforcement costs. Where joint owners agree to replace reinforced pole for mutual benefit, the reimbursement shall not apply. In all cases, pulling, transporting, and disposing shall be a joint expense and shall apply to pole only. (Refer to Section 2.7D)

19.8 Unused

19.9 Unused

19.10 Other Remedial Pole Ground-line Restoration Methods

Mechanical restoration may be undertaken as part of a maintenance program, or to extend the life of a pole identified as deteriorated. The approval of joint owners must be obtained in non-emergency situations (see Section 19.0) and the cost thereof shall be by agreement.

CODES AND ABBREVIATIONS

20.0 Codes and Abbreviations

The following utility codes, pole tag letters, and location abbreviations must be used for preparation of Joint Pole Authorizations, records, etc.

20.1 Utility Codes and Pole Tag Letters

Utility	Date of Withdrawal	Date of Membership	Code	Pole Tag
Adelphia Business Solutions		(03/27/2001)	ABS	....ABS
Altrio Communications	(3/2005)	(08/16/2001)	ALT	....ALT
Verizon Wireless (Air Touch Cellular)		(09/19/1990)	ATC	....ATC
AT&T Communications of California, Inc.		(06/19/1996)	ATT	....ATT
Burlington Northern Santa Fe Railway Co.	(02/08/99)	(09/16/1920)	SF	....SF
City of Anaheim		(05/03/1930)	D	....D
City of Azusa		(12/03/1962)	MA	....MA
City of Banning (Reinstated 11/15/2006)	(01/01/98)	(03/08/1960)	COB	....COB
City of Burbank		(01/31/1939)	B	....B
City of Colton		(05/21/1926)	F	....F
City of Glendale		(10/01/1923)	A	....A
City of Lompoc		(05/12/1954)	LLW	....LLW
Prefix added for each four-digit number series				A
City of Los Angeles		(12/31/1918)	M	....M
City of Los Angeles (Owens Valley) MV			MV	....V
City of Pasadena		(04/17/1922)	MP	....MP
City of Riverside		(08/25/1925)	J	....J
City of Vernon (Reinstated 06/16/2004)	(01/14/00)	(04/15/1938)	V	....VP
ExTeNet Systems		(08/15/2007)	EXT	...EXT
Verizon California (GTE California)		(09/16/1920)	VZ	....GT
MPower Communications (ICG Telecom Group, Inc.)		(07/16/1996)	ICG	....ICG
AT&T Wireless(Cingular Wireless;L.A. Cellular)		(05/26/1993)	LAC	....LAC
L.A. County Metro Transit Authority	(02/08/99)	(09/27/1965)	C	....C
MCI Metro/ATS		(09/16/1920)	ATS	....WU
MCI Telecommunications		(02/21/1990)	MCI	....MCI
Comcast (AT&T Broadband; MediaOne)		(01/14/1998)	MO	....MO
NewPath Networks		(08/15/2007)	NPN	...NPN
Nextel Communications		(01/16/2002)	NEX	....NEX
NextG Networks, Inc.		(04/23/2003)	NG	....NG
XO Communications (Nextlink California)		(07/15/1998)	NXT	....NXT
AT&T California (SBC West; Pacific Bell)		(11/05/1907)		
L.A. Area			HLA	....H
So. Counties Area			HSO	....H
Central Counties Area – Inland Division			T	....T
T Mobile USA (Cingular Wireless; Pacific Bell Mobile)		(02/19/1997)	PBM	....PBM
Pacific Gas and Electric Company	(01/01/98)	(06/08/1966)	PG	....PG
Sierra Pacific Power Company	(11/24/97)	(01/01/1964)	P	....P
Southern California Edison Company		(10/10/1906)	E	....E
Experimental poles				X
Golden State Water Company (So. Cal Water)		(05/11/1935)	SCW	....BV
Southern Pacific Transportation Company	(01/01/98)	(05/26/1908)	SP	....SP
Sprint Communications, L.P.		(02/18/2004)	FON	....FON
Sprint Nextel (Sprint PCS)		(01/14/1998)	SPR	....SPR
AT&T Local Services (TCG Los Angeles)		(08/16/1995)	TCG	....TCG

NOTE: Blank space indicates number in relation to code letters. (Revised December 2007)

20.2 Obsolete Utility Pole Tags

Pole Tag		Successor Company Code
A -- S	Southern Sierra Power Company	E
A -- T	Southern California Telephone Co. (L.A. County)	H
A -- Y	General Telephone Co. of Calif. (Redondo Beach)	GT
B -- S	Southern Sierra Power Company	E
B -- T	Southern California Tel. Co. (Santa Barbara County)	H
B -- Y	General Telephone Co. of Calif. (Long Beach)	GT
--- C	City of Pasadena	MP
--- CIT	California Interstate Telephone Company	GT
--- CLLPD	City of Lompoc Light and Power Dept.	LLW
--- CTC	Contel of California	GT
--- CT	Consolidated Telephone Co.	GT
C -- T	Southern California Telephone Co.	H
--- CVH	Coachella Valley Home Telephone Co.	GT
--- CWT	California Water & Telephone Co.	GT
C -- Y	General Telephone Co. of Calif. (Huntington Beach)	GT
--- DH	Downey Home Telephone & Telegraph Co.	GT
D -- Y	General Telephone Co. of Calif. (Laguna Beach)	GT
--- E	So. Calif. Edison Co. (Inside City of L.A.)	M
E -- NCCT	Golden West Telephone Co. (Taft District)	GT
--- CRT	Golden West Telephone Co. (Colorado River District)	GT
E -- V	City of Vernon	V
E -- Y	General Telephone Co. of Calif. (Covina)	GT
EX - S	California Electric Power Co. (Experimental)	E
F -- Y	General Telephone Co. of Calif. (San Bernardino)	GT
--- G	L.A. Gas & Electric Corp. (outside City of L.A.)	E
--- C	L.A. Gas & Electric Corp. (inside City of L.A.)	M
G -- Y	General Telephone Co. of Calif. (Pomona)	GT
--- H	Home Tel. & Tel. Co. of Sta. Monica & Ocean Pk.	GT
--- H	Union Home Tel. & Tel. Co. (San Bernardino)	GT
--- HA	Long Beach Home Tel. & Tel. Co.	GT
--- HA	San Bernardino Home Telephone Co.	GT
--- HA	Santa Monica Bay Home Telephone Co.	GT
--- HS	Santa Monica Bay Home Telephone Co.	GT
H -- Y	General Telephone Co. of Calif. (Ontario)	GT
--- IT	Interstate Telegraph Co.	GT
J -- Y	General Telephone Co. of Calif. (Etiwanda)	GT
K -- T	Southern California Telephone Co. (Kern County)	T
K -- Y	General Telephone Co. of Calif. (Lancaster)	GT
--- L	City of Lompoc Light & Power Dept.	LLW
--- L	Lindsay Home Tel. & Tel. Co.	GT
--- LH	Lindsay Home Tel. & Tel. Co.	GT
LA - T	Southern California Telephone Co. (L.A. County)	H
L -- Y	General Telephone Co. of Calif. (San Joaquin)	GT
--- M	City of Pasadena	MP
--- M	Midland Counties Public Service Corp.	PG
--- MT	Monrovia Telephone & Telegraph Co.	GT
M -- Y	General Telephone Co. of Calif. (Downey)	GT

Pole Tag		Successor Company Code
--- NCE	Nevada California Electric Co.	E
--- OP	Ontario Power Co.	E
O-- T	Southern California Telephone Co. (Orange County)	H
--- OX	Oxnard Home Telephone Co.	GT
--- P	Postal Telegraph Cable Co.	ATS
--- PTC	AirTouch Cellular	ATC
P-- T	Southern California Telephone Co. (Imperial County)	H
P-- Y	General Telephone Co. of Calif. (Santa Paula)	GT
--- R	Pacific Electric Railway Co.	SP
--- RH	Redondo Home Telephone Co.	GT
R-- T	Southern California Telephone Co. (Riverside County)	H
R-- Y	General Telephone Co. of Calif. (Santa Maria)	GT
--- S	California Electric Power Co.	E
--- S	Sunland-Tujunga Telephone Co.	GT
SB - S	Southern Sierra Power Co.	E
SB - T	Southern Calif. Telephone Co. (San Bernardino County)	H
--- SBRY	Santa Barbara Railway Co.	E
--- SBT	Santa Barbara Telephone Co.	GT
--- SFT	San Fernando Telephone Co.	GT
--- SJ	San Joaquin Light & Power Co.	PG
--- SM	San Joaquin Light & Power Co.	PG
--- SMT	Sierra Madre Telephone Co.	GT
--- SPH	Santa Paula Home Telephone Co.	GT
--- SR	Sunland Rural Telephone Co., Inc.	GT
--- SRT	Sunland Rural Telephone Co., Inc.	GT
--- ST	Sunland-Tujunga Telephone Co.	GT
S-- T	General Telephone Co. of Calif. (Sunland-Tujunga)	GT
S-- T	Ontario and Upland Telephone Co.	GT
S-- T	Southern Calif. Tel. Co. (San Bernardino County)	H
--- SWT	South Western Telephone Co.	GT
S-- Y	General Telephone Co. of Calif. (Santa Barbara)	GT
--- T	Santa Barbara Telephone Co.	GT
T-- Y	General Telephone Co. of Calif. (Thousand Oaks)	GT
--- US	United States Long Distance Telephone Co.	H
--- V	City of Vernon	V
V-- T	Southern California Telephone Co. (Ventura County)	H
--- WH	Whittier Home Telephone Co.	GT
W-- Y	General Telephone Co. of Calif. (Whittier)	GT
X-- Y	General Telephone Co. of Calif. (Oxnard)	GT
--- Y	General Telephone Co. of Calif. (Santa Monica)	GT

NOTE: Blank space indicates number in relation to code letters.

20.3 Location Abbreviations

Avenue	Av
Alley	Aly
Block	Blk
Boulevard	Bl
Boundary	Bdry
Canal	Cnl
Canyon	Cyn
Center Line of	CL/o
Channel	Chan
Circle	Cir
Corner	Cor
County Road	Co Rd
Court	Ct
Crescent	Cres
District	Dist
Division	Div
Drive	Dr
Exchange	Exch
Extended	Extd
Freeway	Fwy
Highway	Hwy
Junction	Jct
Lane	Ln
Mt. Diablo Base & Meridian	MD BM
Park	Pk
Parkway	Pkwy
Private Property	PP
Private Road	P/Rd
Right of Way	R/W
Road	Rd
San Bernardino Base & Meridian	SB BM
Square	Sq
Street	St
Terrace	Ter
Trail	Tr
Walk	Wk
Way	Wy
Alley South of North Side (etc.)	A/S/o N/S
North, South, East, West - Line of	N/L/o, S/L/o, E/L/o, W/L/o
North, South, East, West - side	N/S, S/S, E/S, W/S
North, South, East, West of	N/o, S/o, E/o, W/o
Northeast, Northwest, Southeast, Southwest	N/E, N/W, S/E, S/W
Northeast Corner of Alley South of (etc.)	N/E Cor/o A/S/o
Opposite West Line of (etc.)	Opp W/L/o
Property Line North (etc.)	PL/N, PL/S, PL/E, PL/W
South of Center Line of (etc.)	S/o C/L/o
West of West Line of (etc.)	W/o W/L/o

NOTE: See Section 15.4 for complete location description.

Section 20.4 Joint Pole Authorization Abbreviations

Bottom inside position .....	.b.i.p.
Bottom outside position.....	b.o.p.
Bottom middle position.....	b.m.p.
Top inside position.....	t.i.p.
Top inside middle position.....	t.i.m.p.
Top outside position.....	t.o.p.
Top outside middle position.....	t.o.m.p.
Top middle position.....	t.m.p.
Cable arm.....	ca
Cable extension arm.....	.cea
Cross arm.....	...xarm
Guard arm.....	...ga
Pole top extension.....	...ptx
Microcell.....	...mc
No cost/charge.....	...nc
With.....	...w/
No interest.....	...n i
Replace.....	...repl
Remove.....	...rmv
Section.....	...sec
Place.....	...pl
Relinquish.....	...relinq
Authorized cost.....	...ac
Transfer.....	...trfr
Lower.....	...lwr
Down guy.....	...dng
Overhead guy.....	...ohg
Pole to pole guy.....	...ppg
Kilovoltage.....	...KV
Should be.....	...s/b
Shown as.....	...s/a
Each.....	...ea
Additional.....	...add'l
Anchor.....	...anc
Pipe brace.....	...PBR
Pull.....	...P
Pull butt.....	...PB
Transport.....	...T
Salvage.....	...S
Dispose.....	...D
Tenant.....	...Tn or T
Lower.....	...L
Footage cut.....	...C (xx')
Safety Clearance zone.....	...SCZ
Anchor/arm removed.....	...AR
Anchor/arm transferred.....	...AT

Note: The last eleven (11) abbreviations are also listed in the lower left hand corner of the Authorization for Joint Pole Transaction (J.P. Form 2-1)