maintained by the Engineer at the site of the Project at all times when Staking or other services required under this attachment are being performed at the site of this Project. The Resident Engineer may also be engaged in Staking as well as in supervising the Staking activities of other Staking crews of the Engineer. The Engineer shall establish and maintain, in the proximity of the Project, a field office with telephone service at all times when Staking or other services required under this RUS Form 217e are in progress.

H. Reporting. The Engineer shall prepare, execute, and submit to the Owner _____ (insert frequency of reporting—minimal monthly) all estimates, certificates, reports and other documents required to be executed by the Engineer pursuant to the loan contract.

I. Joint Use or Joint Occupancy. In connection with Staking of joint use or joint occupancy facilities the Engineer shall:

1. Prepare and submit to the Owner for approval, detailed information on pole changes, additional poles, and other changes or additions required in existing facilities of other parties to joint use or joint occupancy agreements to accommodate the Owner's facilities; and

2. Coordinate engineering activities under direction of the Owner with other parties to joint use or joint occupancy agreements.

Section 3. Compensation. The Owner shall pay the Engineer for services performed pursuant to this RUS Form 217e as follows:

A. Staking Fee. For all services in connection with the Staking of the Project lines provided for in the approved Project design, including lines which, pursuant to the direction of the Owner, with the approval of the Administrator, shall not be constructed, and for all other services outlined in this RUS Form 217e (except as provided in paragraph C of section 3):

1. The sum of _____ dollars ($_____) per mile of existing buried plant Project lines to be modified; plus

2. The sum of _____ dollars ($_____) per mile of new buried plant Project lines; plus

3. The sum of _____ dollars ($_____) per mile of underground cable to be installed in ducts; plus

4. The sum of _____ dollars ($_____) per mile of new aerial Project lines; plus

5. The sum of _____ dollars ($_____) per mile of existing aerial Project lines to be modified; plus

6. The sum of _____ dollars ($_____) per mile of new joint use or joint occupancy Project lines; plus

7. The sum of _____ dollars ($_____) per mile of existing Project lines to be removed where no construction or modification work is to be performed; plus

8. The sum of _____ dollars ($_____) for each new service entrance staked and for which a construction sheet is prepared and each existing service drop to be modified as part of the Project; plus

9. The sum of _____ dollars ($_____) for each subscriber shown on the construction sheets.

For purposes of this section ''modified'' means rearrangements, additions, change of pair assignments, etc., which require preparation of construction sheets to implement.

The length of the Project lines shall be determined by taking the sum of all distances between terminal points for underground cable and buried cable or conductor, and new service entrances added as part of the Project and all distances between pole markers or from center to center of poles carrying aerial conductor or cable, including joint use or joint occupancy poles, plus the vertical distances parallel to vertical cable runs for aerial cable installations.

B. Time and Expenses. The Owner shall pay the Engineer ''time and expense'' compensation as defined in the current Table 2 of this Agreement for all services performed in this RUS Form 217e in connection with: section 1; paragraph C of section 2; paragraph I of section 2; and for the replacement of markers made necessary by causes beyond the control of the Engineer.

C. Payments. Compensation under paragraph A of this section 3 shall be due and payable ten (10) days after delivery to the Owner, on a monthly basis, a copy of the construction sheets representing the Staking completed during that month and a recapitulation of the mileage of the various types of line covered by such construction sheets and by previous construction sheets for which compensation has been requested.

The Staking shall be subject to review and inspection by the Owner and the Administrator. The Engineer, when notified to do so by the Owner or the Administrator, shall correct such Staking as the review and inspection may indicate to be necessary. Such review and payments shall not constitute unqualified approval of the Staking. Where restaking is required for reasons within the control of the Engineer, no additional compensation shall be payable.

The compensation payable for lines actually constructed, shall be adjusted to the number of units actually constructed or actually completed as part of the construction of the Project, as reflected in the final documents. Compensation payable for lines which have been staked, but which shall not be constructed, shall be determined from the construction sheets as covered by line abandonment order.

D. Plant Retained in Place. Compensation under this section, for Staking existing Project lines on which modification work is to be performed, shall include compensation for the designation of assembly units of existing plant to be retained in place, and shown on the construction sheets.

Section 4. Section Reference. Unless otherwise specified or indicated, any reference to ''section'' shall mean within this attachment (RUS Form 217e—Outside Plant Staking Services).

Attachment—RUS Form 217f

Outside Plant Contract Document Phase Engineering Services

Section 1. Review of Requirements

The Engineer shall use the Loan Design and other information furnished by the Owner under this Agreement as the basis for the preparation of the plans and specifications. Prior to the beginning of the preparation of the plans and specifications, the Engineer shall review with the Owner all data furnished to determine the most recent requirements for facilities to be included in the plans and specifications.

Section 2. Map Tracings and Other Data

Prior to and during the preparation of the plans and specifications by the Engineer, the Owner, if it has not previously done so by other provisions of this Agreement, shall furnish any of the following items needed by the Engineer:

A. Up-to-date tracings of the detail and town maps of the area of the proposed system on which the Loan Design was based and which show the existing system, and a tracing of the key map when a key map is required by the Owner;

B. Up-to-date cable schematics (cable plant layout), and construction sheets showing the existing system construction;

C. Up-to-date line and station data on existing subscribers;

D. The Loan Design and Borrower's Environmental Report on which the loan was based;

E. Current information as to the location and extent of electric and other lines available for joint use, together with conformed copies of all existing joint use or joint occupancy agreements covering such lines;

F. Current listing of existing, signed, and potential subscribers by map location and grade of service to be considered in the preparation of the plans and specifications. The list of existing subscribers shall be properly referenced to the line and station data;

G. Detailed lists of materials on hand, or on order, which are to be furnished by the Owner in the construction of the Project, together with the quantity and value of each item of such materials; and

H. A written statement setting forth the scope of plans and specifications and the sequence in which the construction shall be performed and whether service entrances are to be included in the plans and specifications.

The map tracings, schematics, and construction sheets are to be of suitable material capable of allowing corrections to be made of the information shown thereon and capable of being reproduced.

Section 3. Schematics, Assignments, and Cut Sheets.

A. Cable Schematics. The Engineer shall prepare cable schematics in such form as the Owner shall require to: (a) serve as a means by which directions are given for connecting feeder cable and distribution cable pairs, cross-connection terminals, connecting load coils, and such other directions as may be necessary for properly splicing the feeder cables, distribution cables and other facilities being installed; (b) serve as the permanent circuit assignment record of the Owner's cable and wire facilities; and (c) adequately identify the physical location of all equipment, devices and connections other than services, associated with the pairs of