

**PLAN OF DEVELOPMENT  
FOR A  
COMMUNICATIONS USE FACILITY ON NATIONAL FOREST SYSTEM LANDS**

**1. Purpose and Need of the Facilities**

- a. what will be built
- b. what is use
- c. what is size
- d. can the use be co-located in and/or on an existing facility
- e. can the facility be constructed to accommodate other communications users or designed for future expansion
- f. is this ancillary to an existing use
- g. list alternative routes or locations

**2. Facility Design Factors**

- a. design factors to be considered include wind loads, type and color of structures, wiring standards, suitability of soils and geology for placement of the facility
- b. technical data information
- c. list temporary use areas that are needed

**3. Additional Components**

- a. list existing components on and off National Forest System lands (e.g., power, fiber, etc.)
- b. list possible future components on and off National Forest System lands (e.g., power, fiber, etc.)

**4. Other Concerns**

- a. compatibility with other users
- b. potential conflicts with other communications users (high power vs. low power)
- c. microwave radome covers (must be gray to reduce visual concerns)
- c. required associated rights-of-way including access roads, power lines, material sites

**5. Other Government Agency Involvement**

- a. Federal Communications Commission
- b. Federal Aviation Administration
- c. Military
- b. State and local agencies that may be involved

**6. Right-of-way Location, Maps, and Drawings**

- a. drawings of typical tower installation, shelters, and guy wire configuration
- b. engineering design drawings and/or standards for roads, drainage, and power lines
- c. legal description of the facility

**7. Construction of the Facilities**

- a. will a helicopter be required
  - 1) if so, designate the flight routes on a map
- b. will temporary access be required.
- c. will the area be fenced after construction
- d. construction (brief description)
  - 1) major facilities (including vehicles and number of tons and loads)

- 2) ancillary facilities (including vehicles and number of tons and loads)
  - 3) staging areas
- e. work force (number of people and vehicles)
- f. flagging or staking the right-of-way
- g. clearing and grading
- h. facility construction data
  - 1) descriptions of construction process
- i. access to and along right-of-way during construction
- j. contingency planning
  - 1) Holder contacts
  - 2) Contractor contacts
  - 3) Forest Service contacts
- k. safety requirements,
- l. industrial wastes and toxic substances

#### 8. Resource Values and Environmental Concerns

- a. address at level commensurate with anticipated impacts
- b. anticipated conflicts with resources or public health and safety
  - 1) air, noise, geologic hazards, mineral and energy resources, paleontological resources, soils, water, vegetation, wildlife, threatened and endangered species, cultural resources, visual resources, other projects, recreation activities, wilderness

#### 9. Stabilization and Rehabilitation

- a. soil replacement and stabilization
- b. disposal of trees, etc.
- c. seeding specifications
- d. fertilizer
- e. limiting access to right-of-way

#### 10. Operation and Maintenance

- a. will all-weather roads be required
- b. will operational access to the site require a helicopter
- c. safety
- d. industrial wastes and toxic substances
- e. inspection and maintenance schedules
- f. work schedules
- g. fire control
- h. long term access
- i. signs
- j. inspections
- k. contingency planning

#### 11. Termination and Restoration

- a. how will the facilities be removed from the site